

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018827.D
 Acq On : 28 Apr 2021 17:55
 Operator : SY/VA
 Sample : M2177-15
 Misc : 3.27G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG585

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Title : SFAM01.0

Signal : TIC: VW018827.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	36	41	49	rBV	14370	37214	0.20%	0.016%
2	2.355	63	74	84	rBV2	91995	219274	1.17%	0.094%
3	2.886	154	161	174	rBV	63675	154151	0.83%	0.066%
4	4.019	335	347	358	rBV	97747	305531	1.64%	0.131%
5	4.135	358	366	376	rVB	33903	93560	0.50%	0.040%
6	4.391	396	408	431	rBV2	34818	147322	0.79%	0.063%
7	4.922	480	495	511	rBV	54612	213681	1.14%	0.092%
8	5.434	562	579	594	rBV2	19401	70676	0.38%	0.030%
9	5.946	651	663	674	rBV2	17431	53916	0.29%	0.023%
10	7.080	841	849	855	rVV	63859	184714	0.99%	0.079%
11	7.141	855	859	880	rVB3	44056	159510	0.85%	0.068%
12	7.647	931	942	960	rBV	239070	593255	3.18%	0.254%
13	7.933	979	989	992	rBV5	10608	27841	0.15%	0.012%
14	8.037	998	1006	1019	rVB2	18712	48850	0.26%	0.021%
15	8.153	1019	1025	1032	rBV2	19871	45651	0.24%	0.020%
16	8.275	1034	1045	1063	rVB2	376432	1312946	7.03%	0.562%
17	8.482	1063	1079	1090	rBV	142243	430519	2.31%	0.184%
18	8.842	1128	1138	1151	rBV	510936	1021869	5.47%	0.438%
19	9.073	1166	1176	1184	rVV4	31979	89373	0.48%	0.038%
20	9.275	1200	1209	1214	rBV	304106	644686	3.45%	0.276%
21	9.336	1214	1219	1224	rVV	173625	375814	2.01%	0.161%
22	9.384	1224	1227	1234	rVV2	61115	108505	0.58%	0.046%
23	9.518	1245	1249	1254	rVV2	14680	26874	0.14%	0.012%
24	9.610	1254	1264	1270	rVV3	25979	65711	0.35%	0.028%
25	9.762	1281	1289	1298	rBV	184833	392321	2.10%	0.168%
26	9.896	1298	1311	1317	rBV2	176097	399464	2.14%	0.171%
27	10.037	1329	1334	1338	rBV	80110	136915	0.73%	0.059%
28	10.079	1338	1341	1346	rVV2	30184	55163	0.30%	0.024%
29	10.128	1346	1349	1357	rVB	39339	66415	0.36%	0.028%
30	10.250	1357	1369	1374	rBV	224851	446403	2.39%	0.191%
31	10.323	1374	1381	1396	rBV	594657	1215869	6.51%	0.521%
32	10.445	1396	1401	1404	rBV2	27459	45383	0.24%	0.019%
33	10.500	1404	1410	1417	rVB4	95763	244126	1.31%	0.105%
34	10.579	1417	1423	1427	rBV	67525	130408	0.70%	0.056%
35	10.665	1432	1437	1442	rBV	155633	269764	1.44%	0.116%
36	10.768	1447	1454	1458	rBV3	139275	314608	1.68%	0.135%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Title : SFAM01.0

37	10.847	1463	1467	1472	rVB	146913	234255	1.25%	0.100%
38	10.933	1473	1481	1488	rBV2	590967	1126084	6.03%	0.482%
39	11.036	1488	1498	1506	rBV	337054	761156	4.08%	0.326%
40	11.110	1506	1510	1514	rBV2	177540	285119	1.53%	0.122%
41	11.177	1514	1521	1525	rBV	608464	976592	5.23%	0.418%
42	11.232	1525	1530	1535	rVB	470899	808709	4.33%	0.346%
43	11.286	1535	1539	1542	rBV	80970	111233	0.60%	0.048%
44	11.341	1542	1548	1552	rBV	546813	950007	5.09%	0.407%
45	11.378	1552	1554	1559	rVB2	172768	225008	1.20%	0.096%
46	11.439	1559	1564	1570	rVB2	391659	691263	3.70%	0.296%
47	11.506	1570	1575	1579	rBV	211934	351902	1.88%	0.151%
48	11.542	1579	1581	1586	rVB5	78453	119663	0.64%	0.051%
49	11.628	1587	1595	1603	rBV2	454276	1078435	5.77%	0.462%
50	11.695	1603	1606	1608	rBV	102968	122945	0.66%	0.053%
51	11.725	1608	1611	1614	rVB2	123407	162419	0.87%	0.070%
52	11.762	1614	1617	1620	rBV	118081	147711	0.79%	0.063%
53	11.817	1620	1626	1630	rBV4	318078	764081	4.09%	0.327%
54	11.872	1630	1635	1639	rBV	998841	1549124	8.29%	0.663%
55	11.914	1639	1642	1647	rVB2	632564	1026572	5.50%	0.440%
56	11.975	1647	1652	1654	rBV2	218180	372568	1.99%	0.160%
57	12.006	1654	1657	1659	rBV	64095	71384	0.38%	0.031%
58	12.067	1662	1667	1671	rVB2	437533	746604	4.00%	0.320%
59	12.140	1671	1679	1685	rBV5	1288059	3751585	20.09%	1.606%
60	12.250	1690	1697	1702	rVB	2726208	4611814	24.69%	1.975%
61	12.366	1702	1716	1727	rBV4	2881740	12651105	67.74%	5.417%
62	12.457	1727	1731	1732	rBV3	521166	650945	3.49%	0.279%
63	12.500	1735	1738	1746	rVB4	1668341	3125486	16.74%	1.338%
64	12.591	1746	1753	1762	rVB2	2100100	5210097	27.90%	2.231%
65	12.701	1762	1771	1775	rBV4	1545414	3987493	21.35%	1.708%
66	12.750	1775	1779	1780	rBV3	611672	741443	3.97%	0.317%
67	12.780	1781	1784	1791	rVB4	1883421	3775124	20.21%	1.617%
68	12.859	1791	1797	1801	rBV5	1377188	2949083	15.79%	1.263%
69	12.939	1801	1810	1816	rBV4	4010641	11413486	61.11%	4.887%
70	12.993	1816	1819	1824	rVB3	2057285	3083874	16.51%	1.321%
71	13.079	1828	1833	1836	rBV3	1926639	3357857	17.98%	1.438%
72	13.189	1846	1851	1858	rVB	2180055	4002803	21.43%	1.714%
73	13.256	1858	1862	1864	rBV	896564	1191123	6.38%	0.510%
74	13.292	1864	1868	1873	rVV	2449214	3484968	18.66%	1.492%
75	13.347	1873	1877	1879	rVV2	1748856	2466771	13.21%	1.056%
76	13.378	1880	1882	1884	rVV2	1307080	1647675	8.82%	0.706%

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 Title : SFAM01.0

77	13.414	1884	1888	1889	rVV	3028414	4470904	23.94%	1.915%
78	13.445	1890	1893	1897	rVV2	5584311	9602099	51.42%	4.112%
79	13.481	1897	1899	1904	rVB5	1610825	2234032	11.96%	0.957%
80	13.597	1913	1918	1929	rVB4	3951668	9898994	53.00%	4.239%
81	13.701	1929	1935	1939	rBV6	1406443	3338293	17.88%	1.430%
82	13.877	1959	1964	1968	rBV3	5376731	9513052	50.94%	4.074%
83	13.920	1968	1971	1974	rVV	3032048	4991962	26.73%	2.138%
84	13.975	1978	1980	1985	rVB2	2412881	3469046	18.58%	1.485%
85	14.194	2012	2016	2021	rBV5	2590772	4846416	25.95%	2.075%
86	14.262	2022	2027	2033	rVV5	3041398	5627888	30.13%	2.410%
87	14.316	2033	2036	2040	rBV4	1043829	1464791	7.84%	0.627%
88	14.383	2041	2047	2056	rBV3	8087357	16504334	88.37%	7.067%
89	14.493	2062	2065	2068	rBV4	1263749	1906083	10.21%	0.816%
90	14.548	2069	2074	2079	rVB6	3396457	6103341	32.68%	2.614%
91	14.737	2101	2105	2110	rBV4	1526571	2945676	15.77%	1.261%
92	14.798	2110	2115	2120	rBV4	4004030	7914042	42.38%	3.389%
93	14.926	2133	2136	2138	rBV2	1155456	1594011	8.54%	0.683%
94	15.261	2188	2191	2196	rVB2	3567766	5651812	30.26%	2.420%
95	15.322	2196	2201	2208	rBV	11796201	18675600	100.00%	7.997%
96	15.627	2247	2251	2253	rBV3	1128738	1755162	9.40%	0.752%
97	15.725	2264	2267	2275	rVB6	1607425	3273623	17.53%	1.402%
98	15.865	2287	2290	2294	rBV4	619310	1007480	5.39%	0.431%
99	16.212	2343	2347	2352	rVB3	1546022	2713203	14.53%	1.162%
100	16.279	2353	2358	2367	rVB	4694966	9091583	48.68%	3.893%

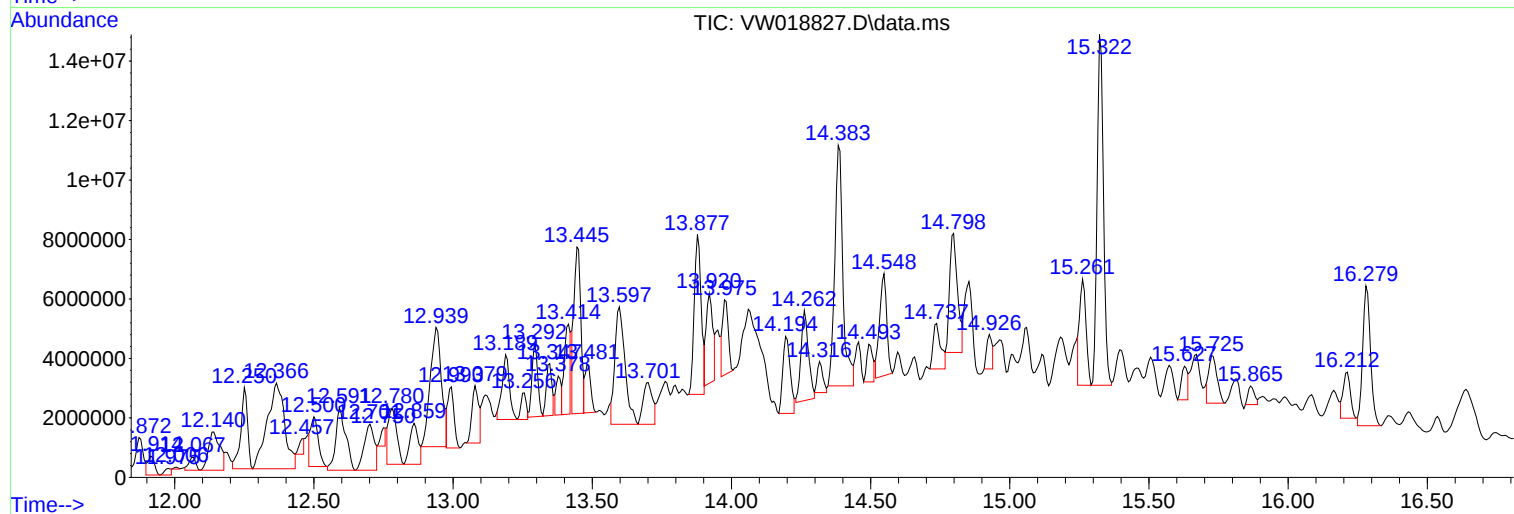
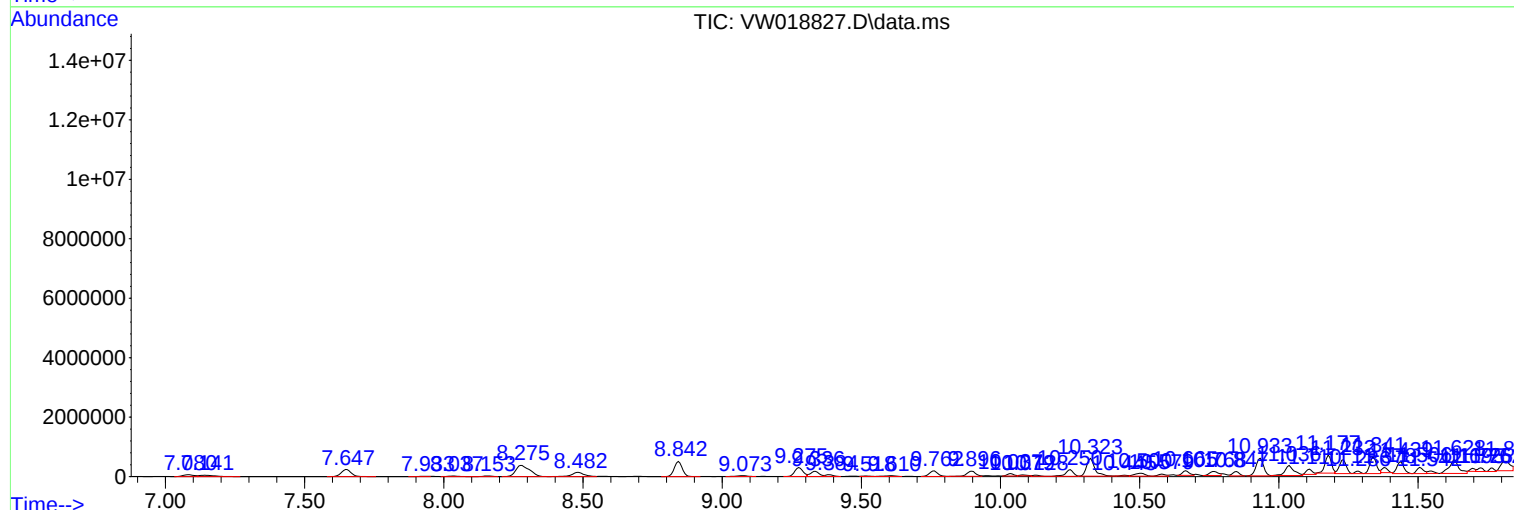
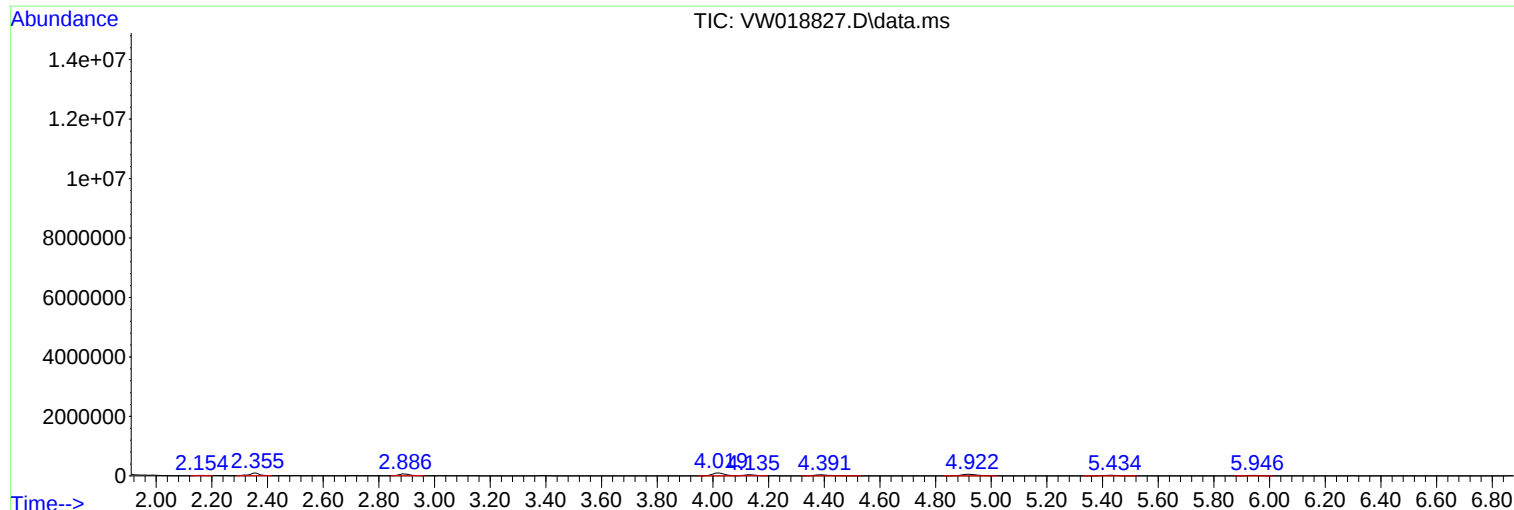
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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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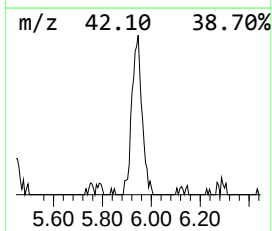
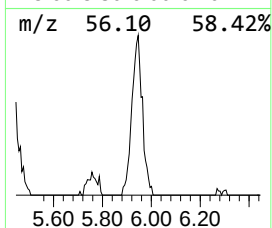
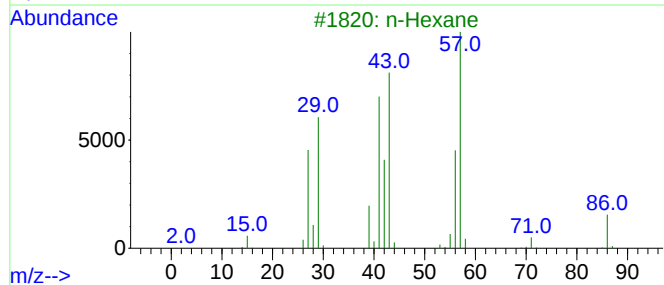
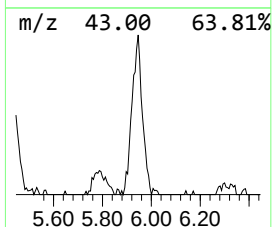
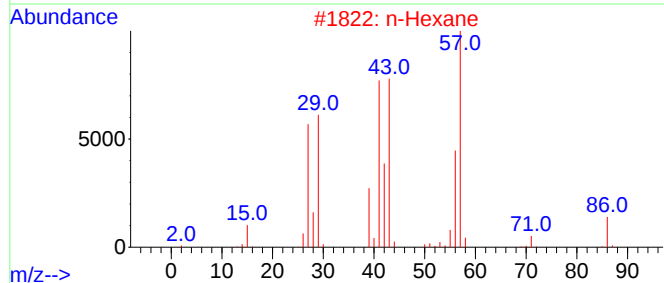
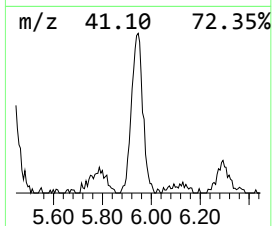
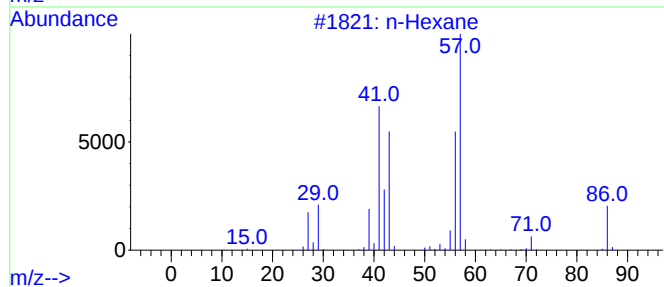
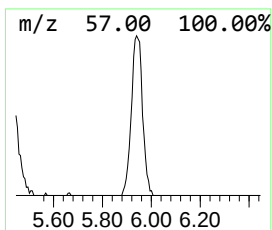
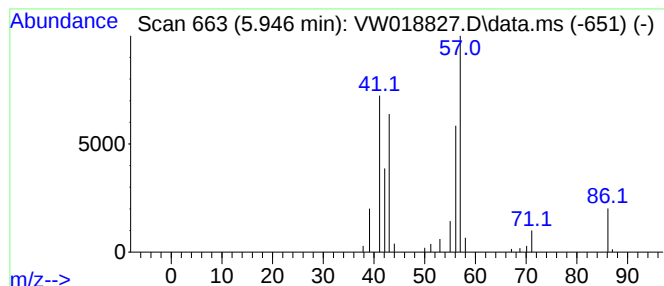
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.946	1.32 ug/L	53916	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexane	86	C6H14	000110-54-3	91
2		n-Hexane	86	C6H14	000110-54-3	78
3		n-Hexane	86	C6H14	000110-54-3	64
4		1-Butanol	74	C4H10O	000071-36-3	38
5		Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	37



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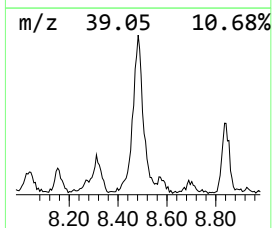
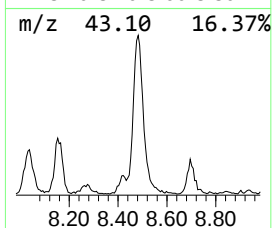
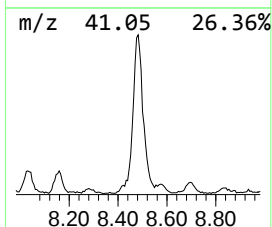
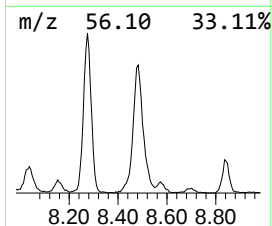
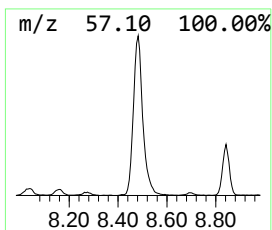
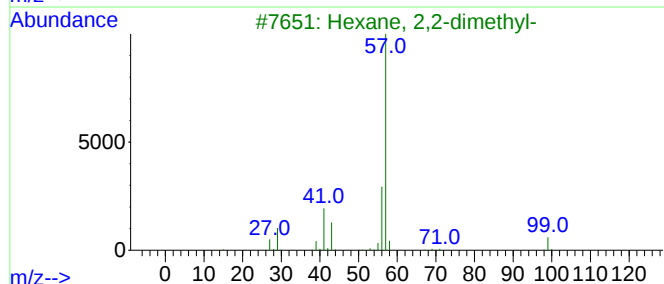
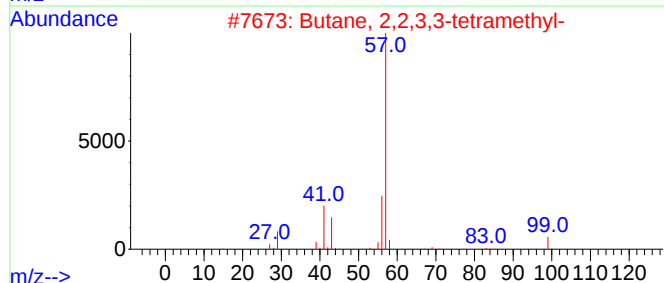
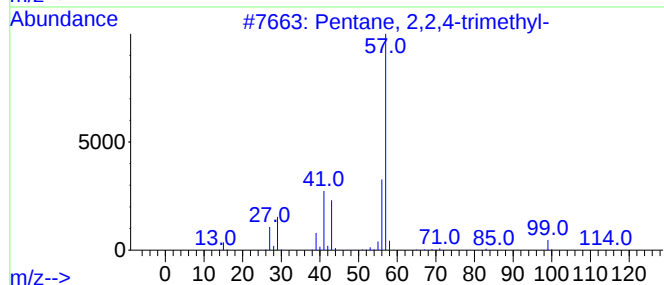
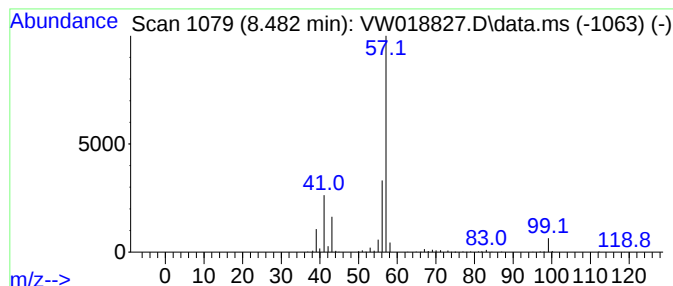
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.482	10.53 ug/L	430519	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
5		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72



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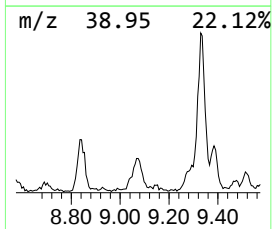
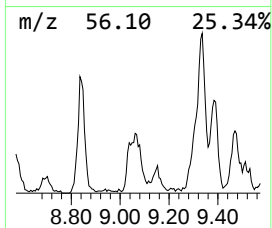
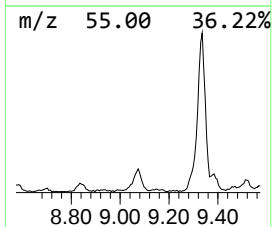
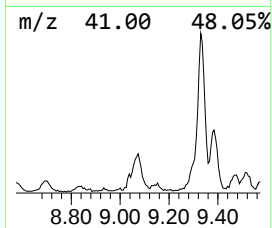
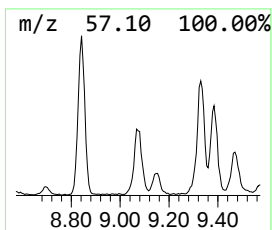
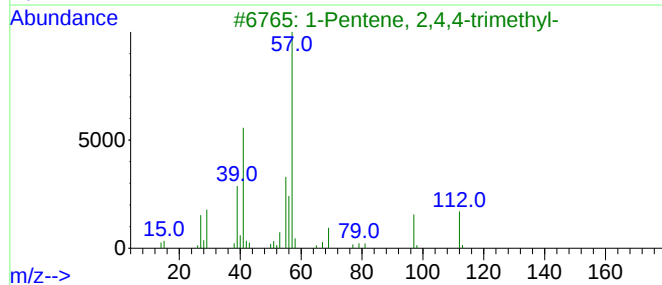
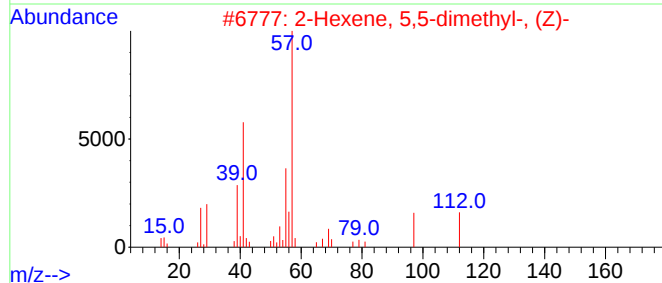
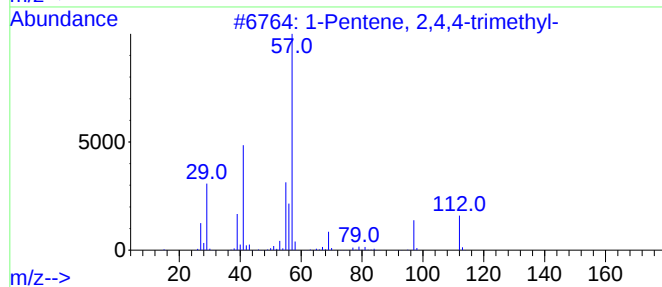
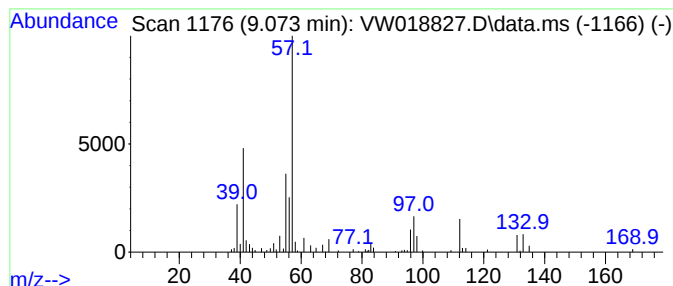
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.073	2.19 ug/L	89373	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	64
2			2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	55
3			1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	52
4			1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	50
5			2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

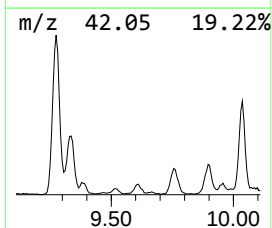
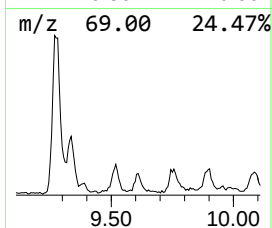
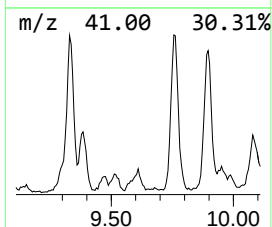
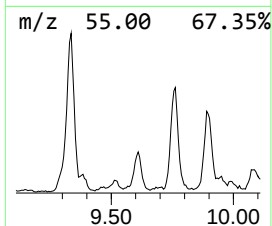
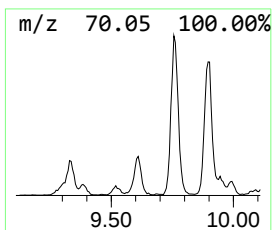
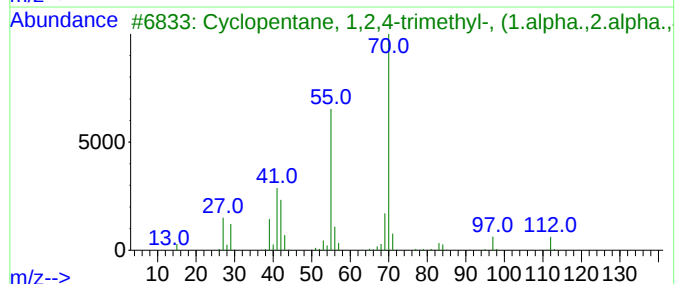
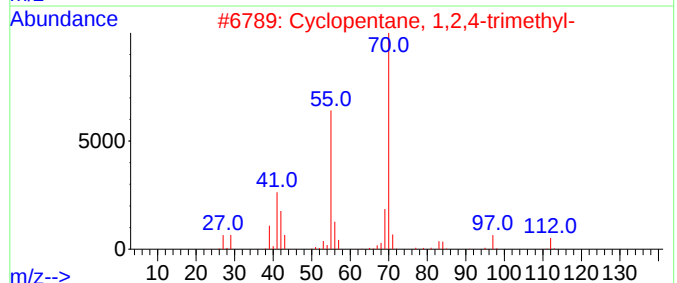
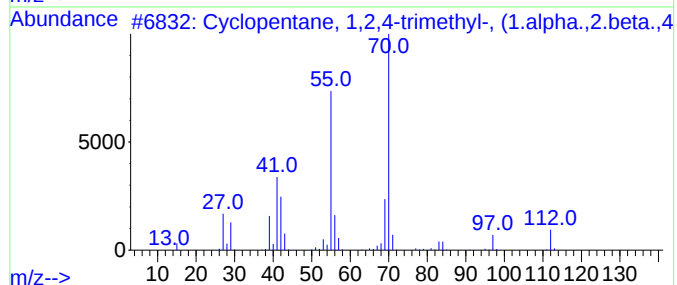
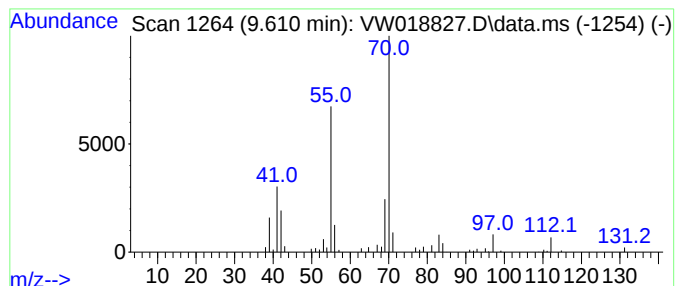
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic9.610 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	1.61 ug/L	65711	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	91
2			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
3			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	91
4			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
5			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

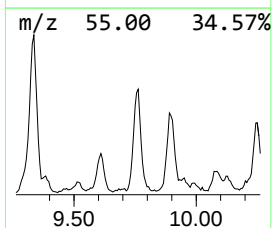
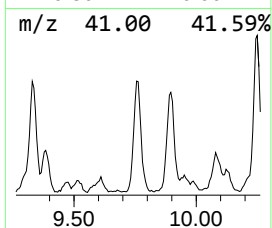
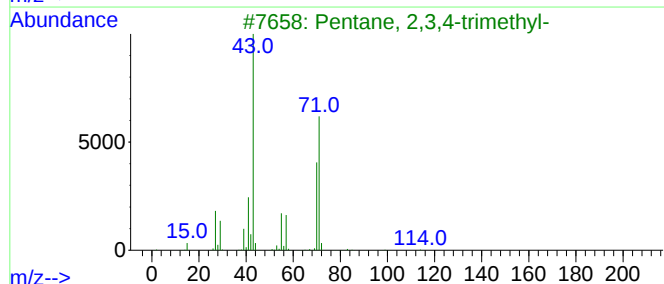
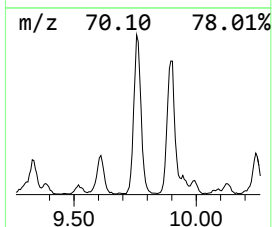
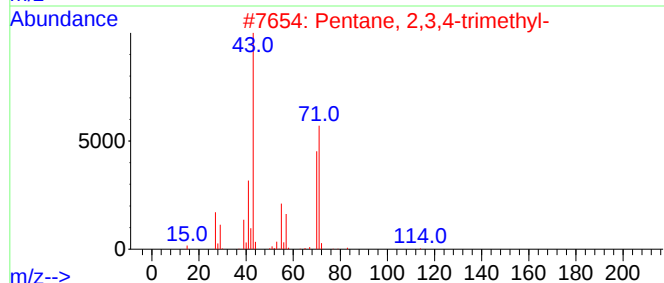
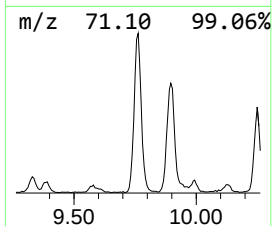
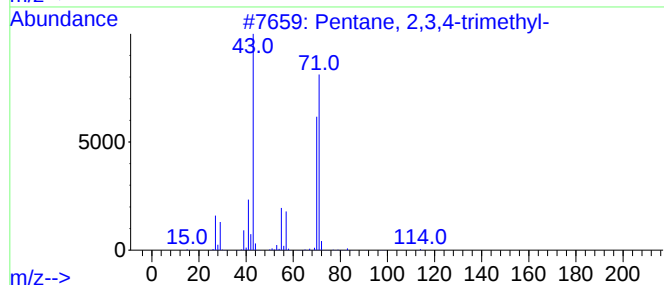
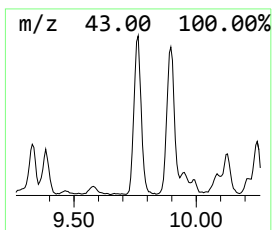
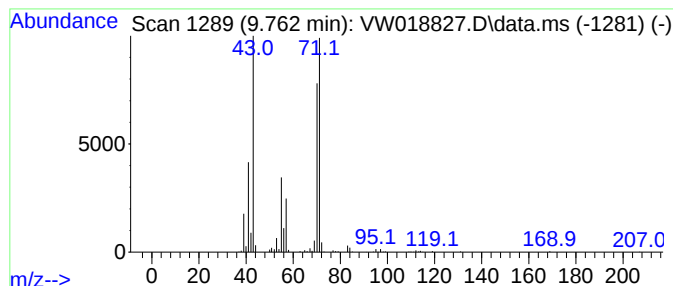
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.762	9.60 ug/L	392321	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

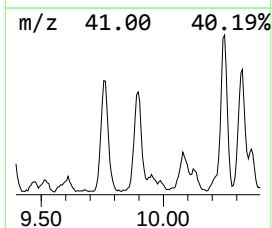
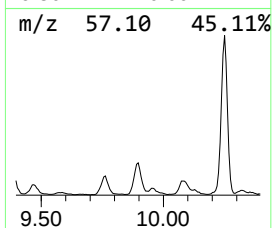
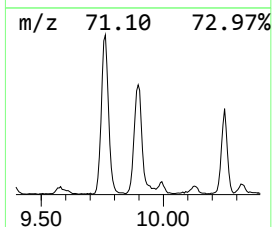
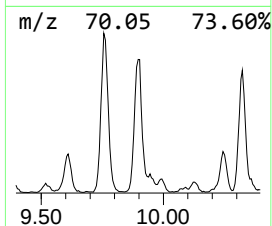
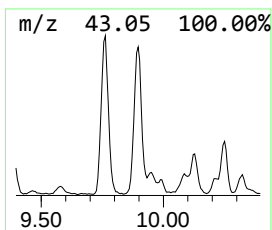
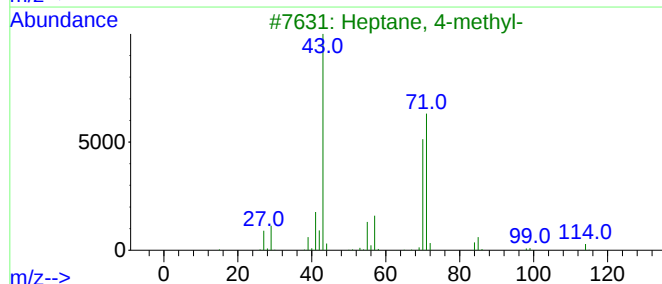
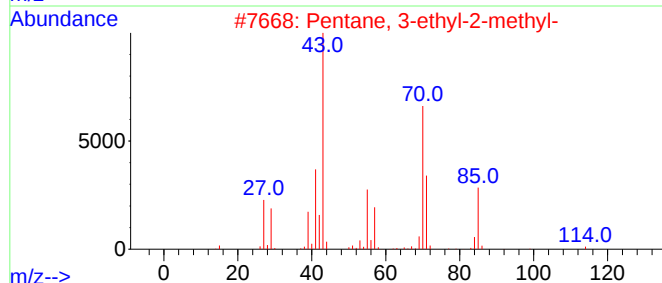
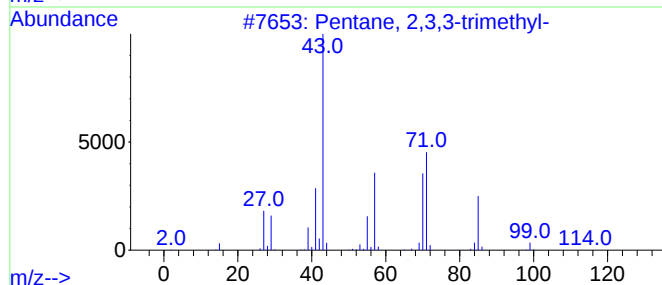
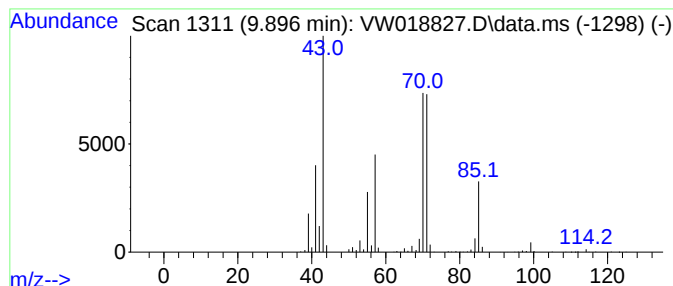
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	9.77 ug/L	399464	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	74
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	72
4			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	72
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

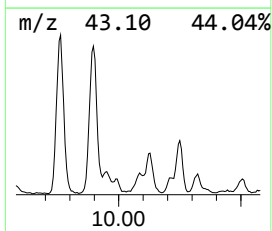
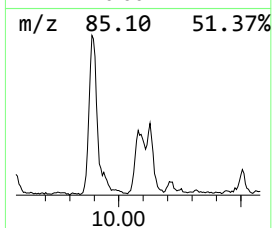
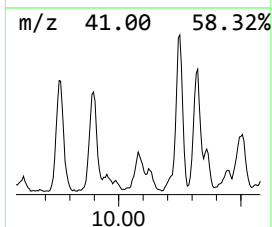
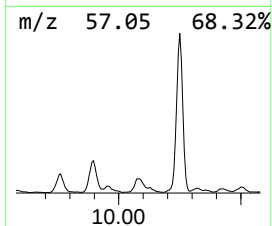
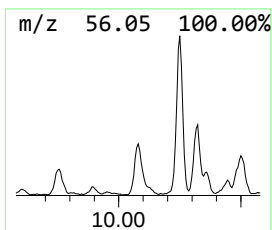
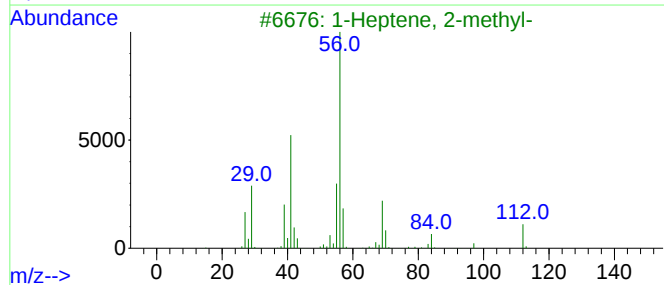
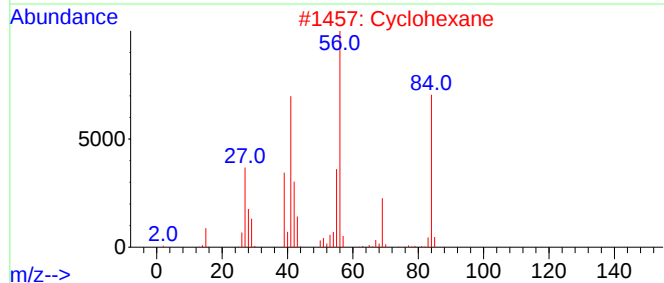
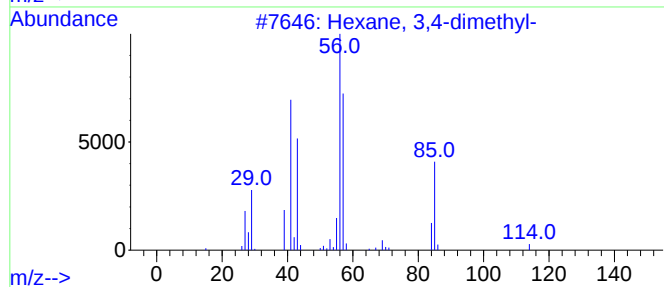
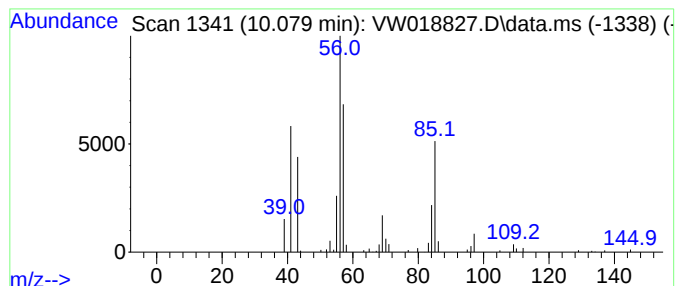
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.079	1.35 ug/L	55163	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	72
2			Cyclohexane	84	C6H12	000110-82-7	50
3			1-Heptene, 2-methyl-	112	C8H16	015870-10-7	49
4			Cyclohexane	84	C6H12	000110-82-7	47
5			1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

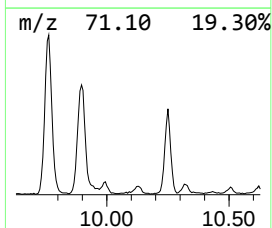
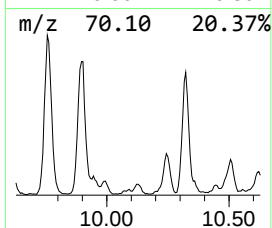
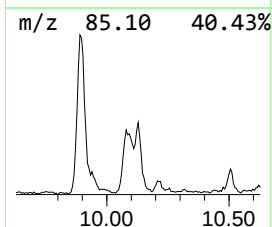
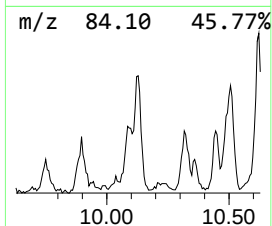
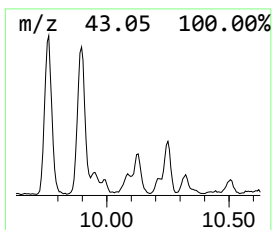
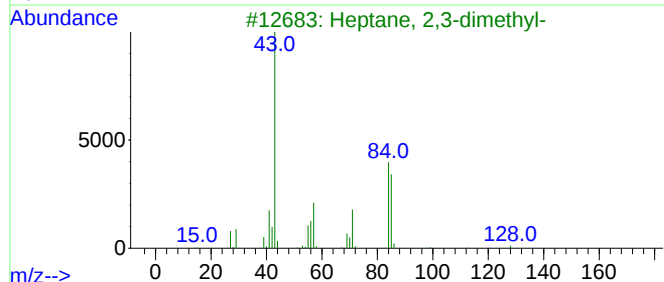
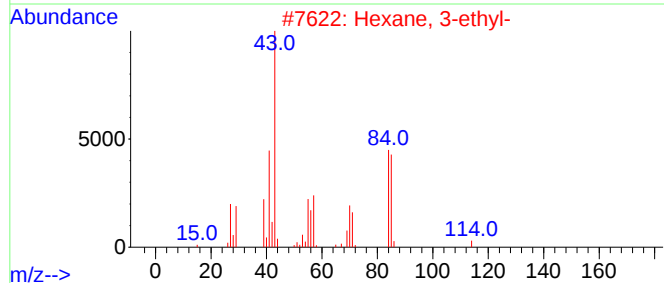
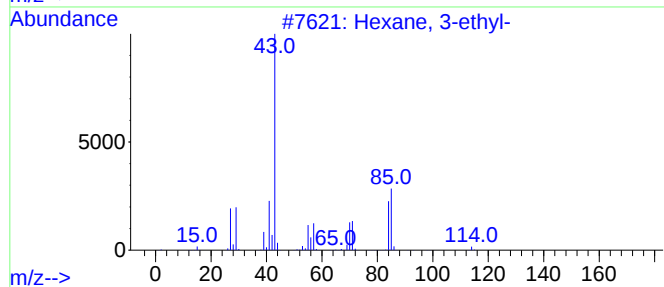
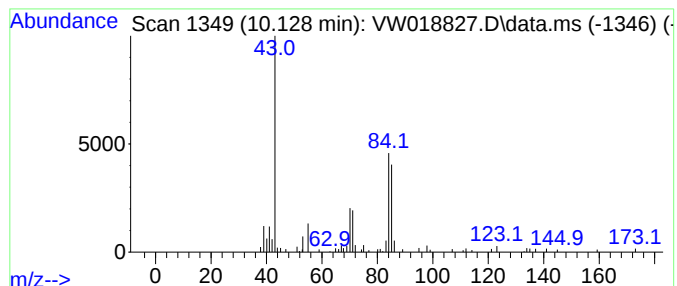
Instrument :
MSVOA_W
ClientSampleId :
BG585

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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.128	1.62 ug/L	66415	1,4-Difluorobenzene	8.842	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	39
4	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	37
5	Octane, 4-methyl-	128	C9H20	002216-34-4	33



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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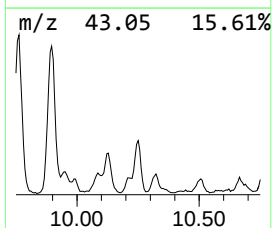
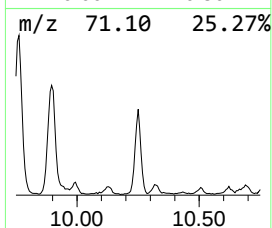
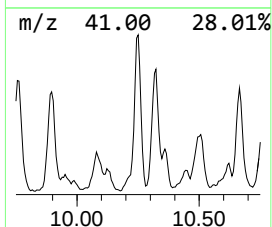
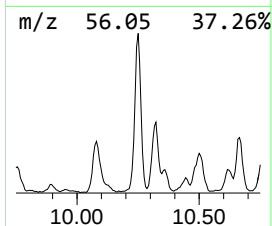
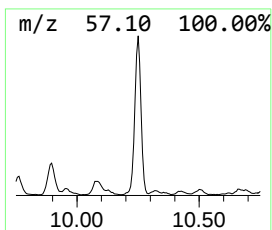
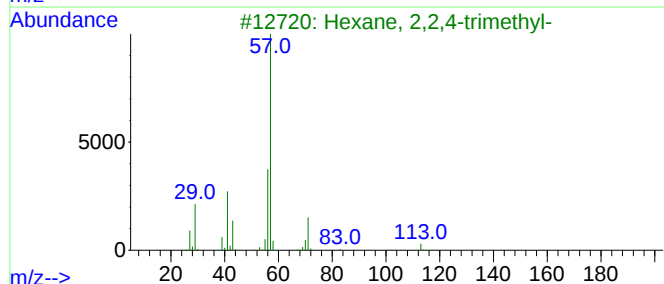
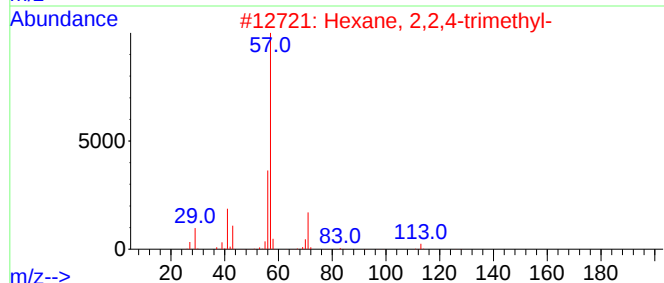
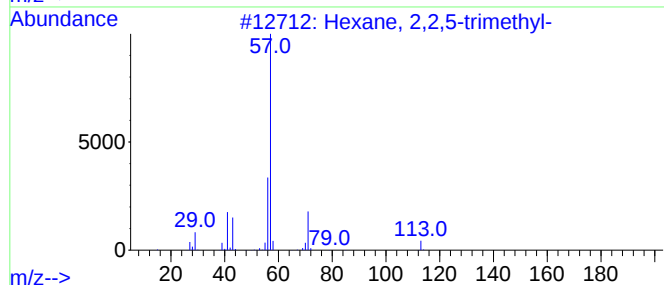
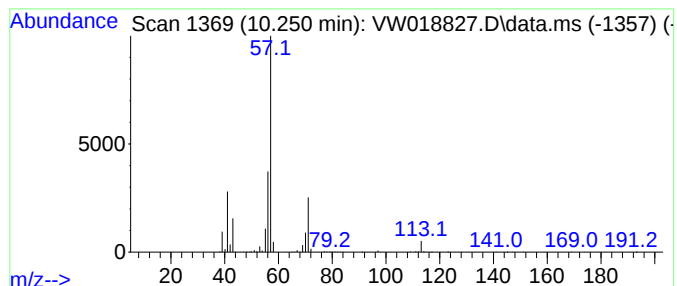
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.250	10.35 ug/L	446403	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	78
2			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	78
3			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
4			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
5			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

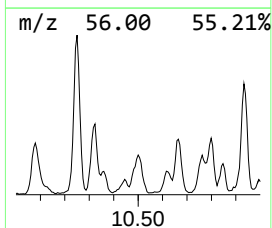
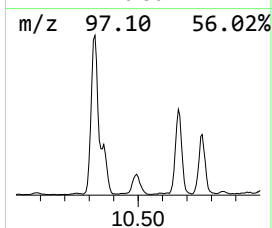
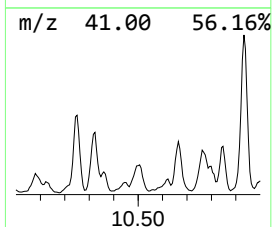
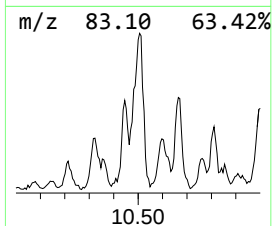
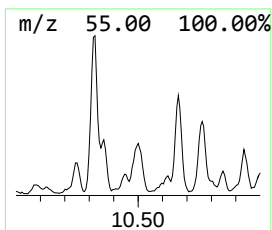
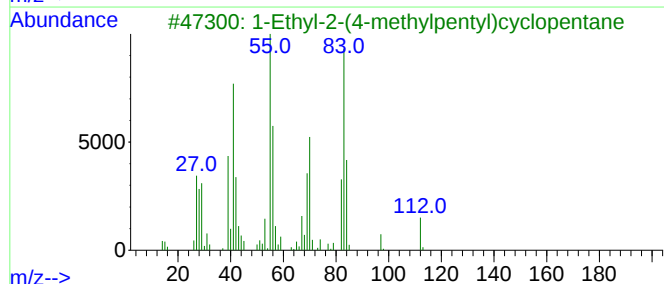
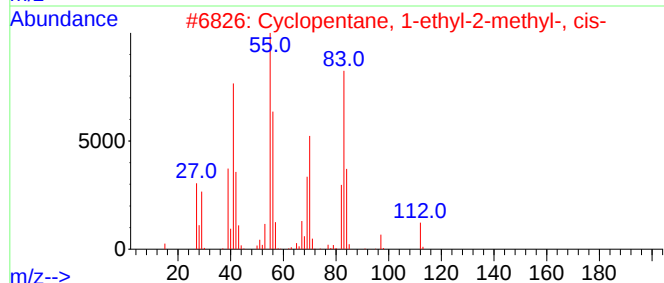
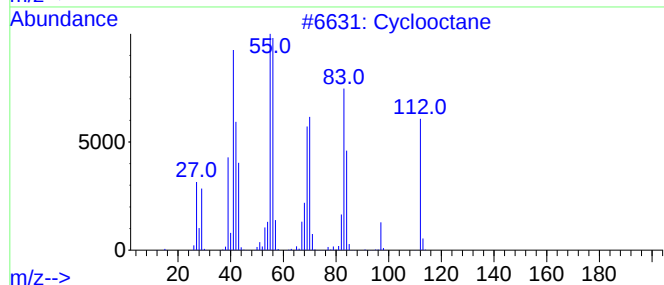
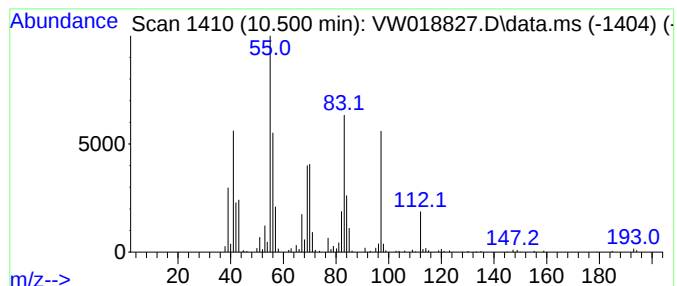
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic10.500 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.500	5.66 ug/L	244126	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane	112	C8H16	000292-64-8	64
2			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	64
3			1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	52
4			4-Octene, (Z)-	112	C8H16	007642-15-1	49
5			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

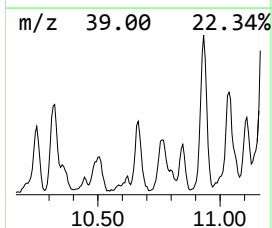
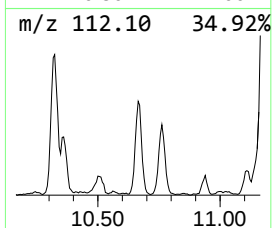
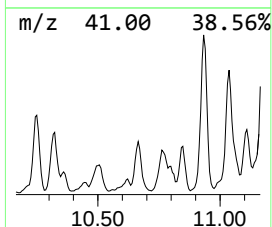
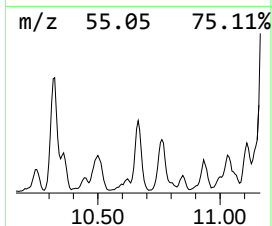
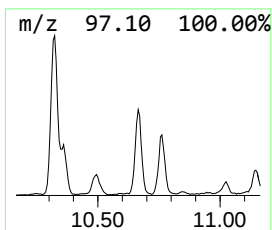
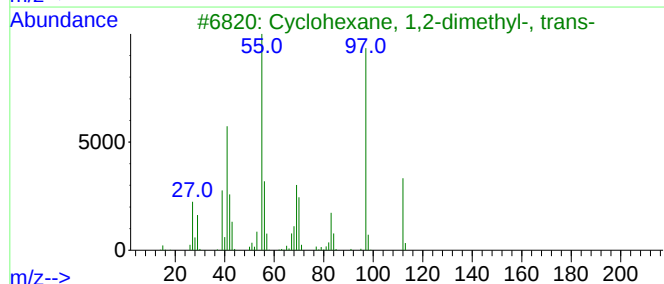
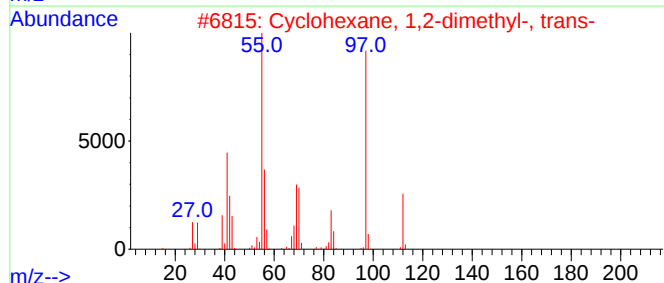
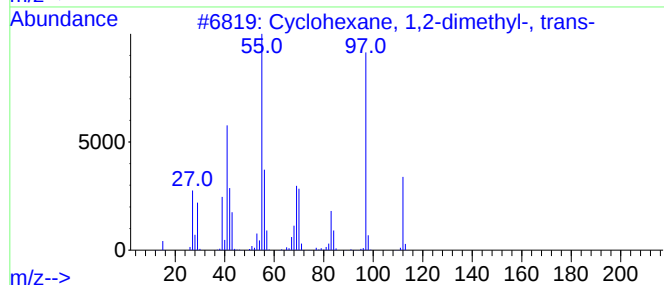
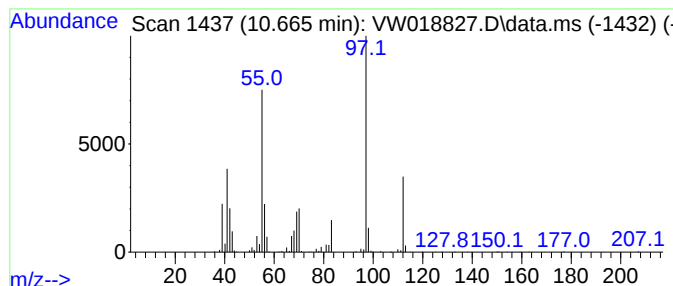
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic10.665 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.665	6.25 ug/L	269764	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

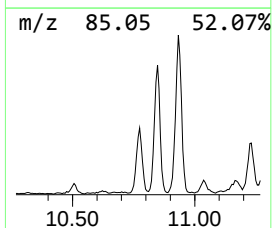
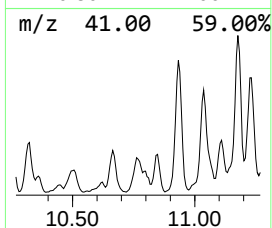
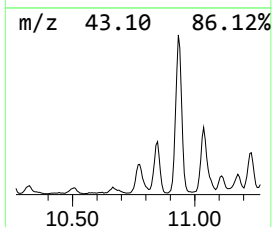
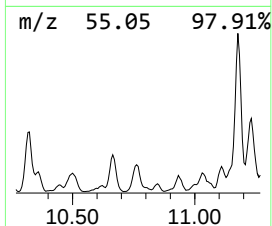
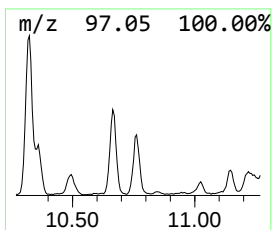
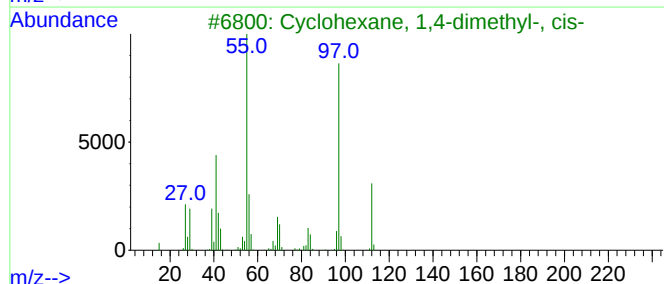
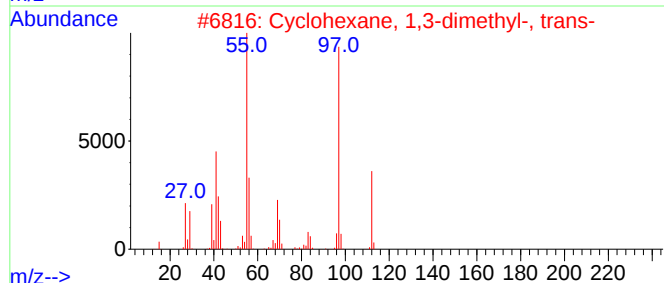
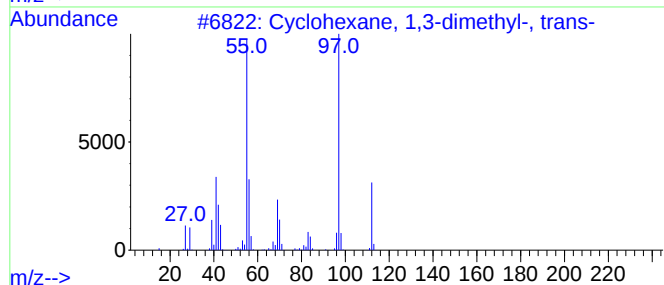
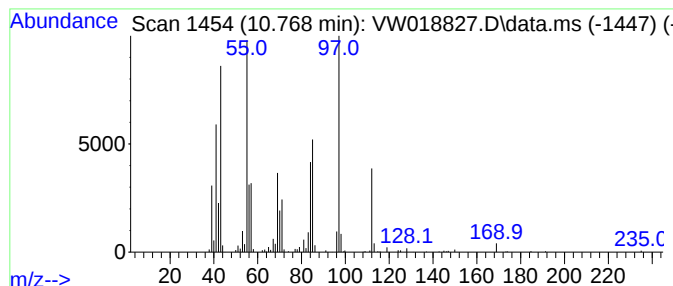
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic10.768 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.768	7.29 ug/L	314608	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	70
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	70
3			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	64
4			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	64
5			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

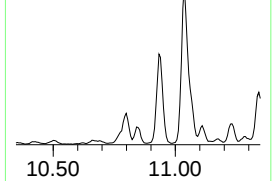
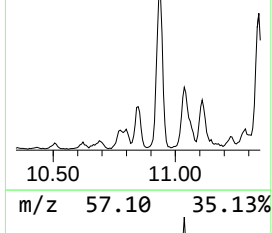
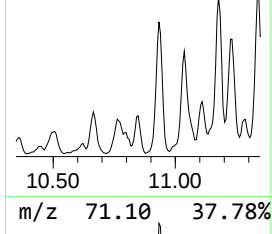
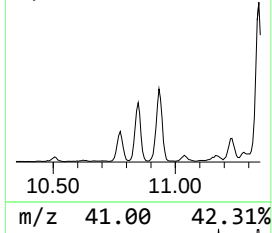
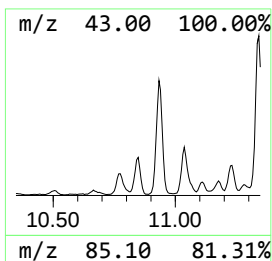
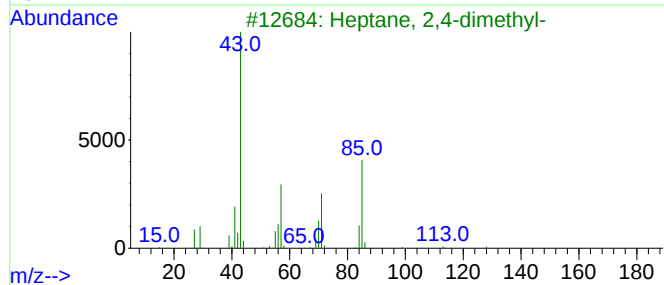
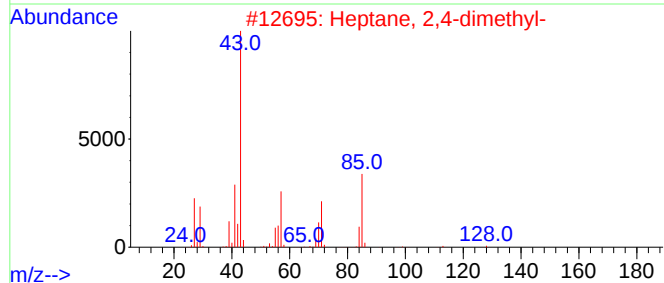
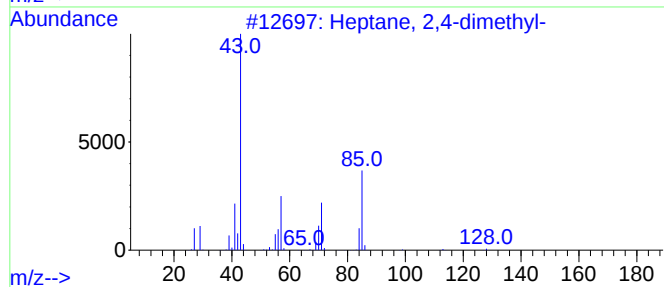
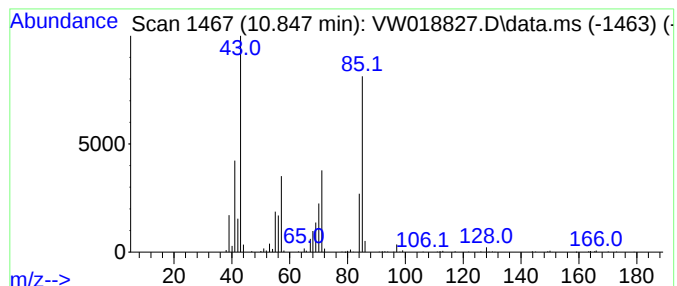
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.848	5.43 ug/L	234255	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	90
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	87
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	78
4			Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	64
5			Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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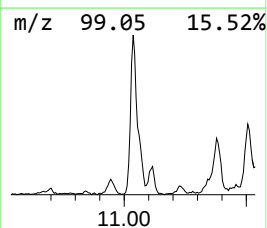
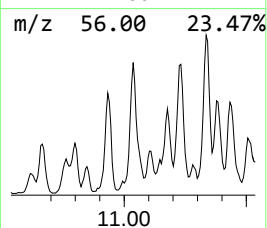
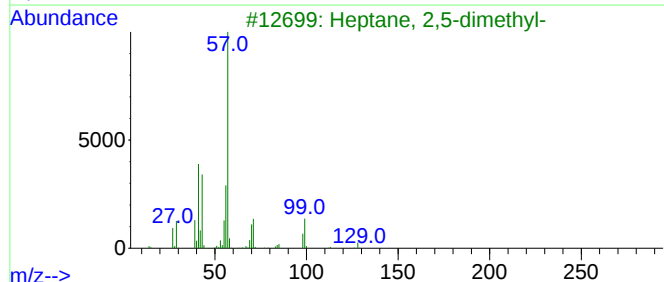
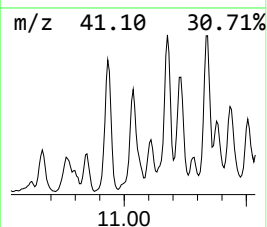
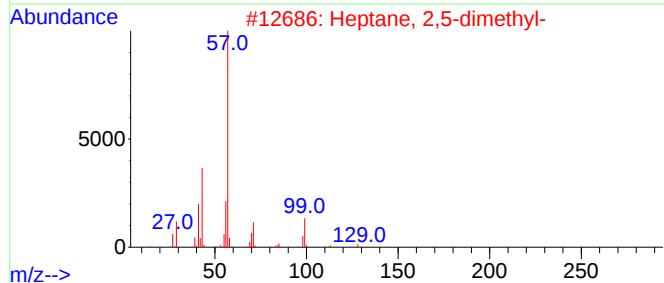
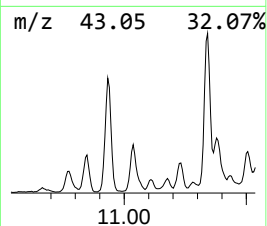
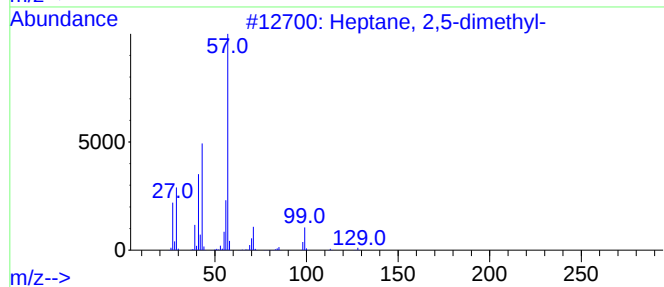
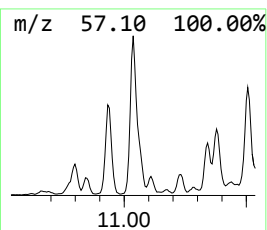
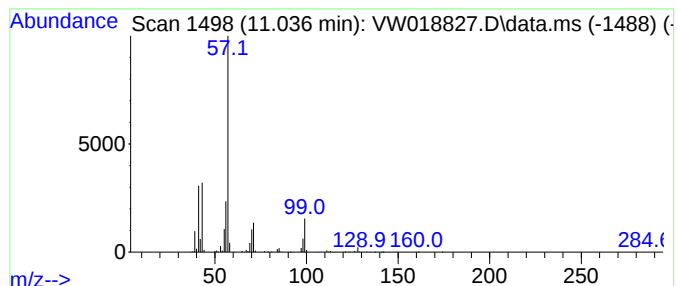
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.037	17.64 ug/L	761156	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
4			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	81
5			Octane, 3-methyl-	128	C9H20	002216-33-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

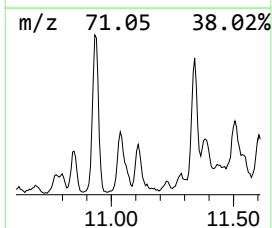
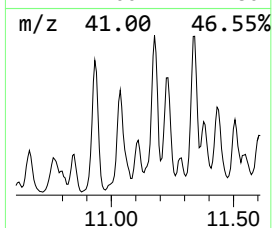
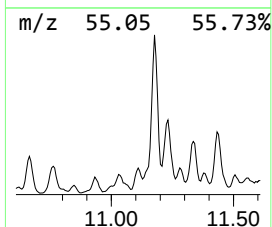
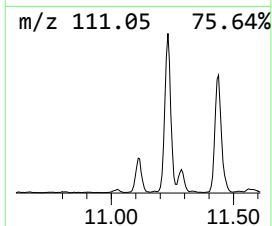
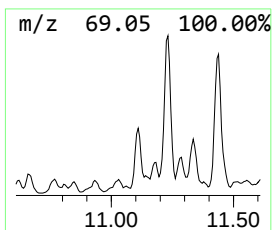
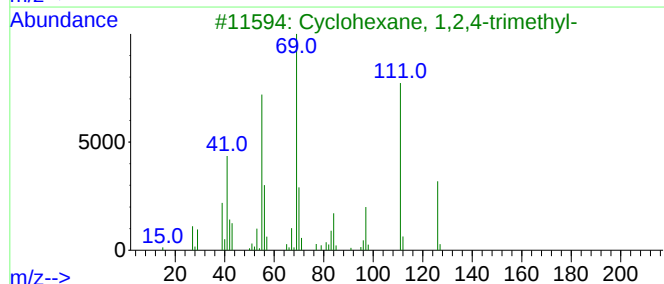
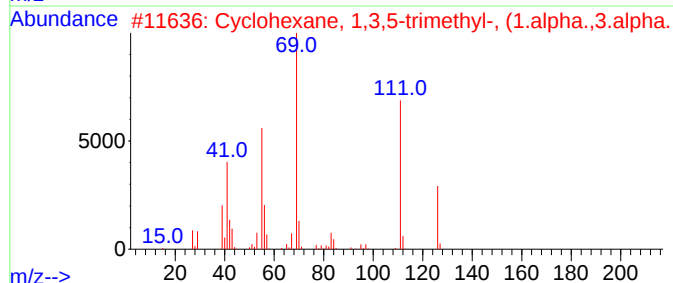
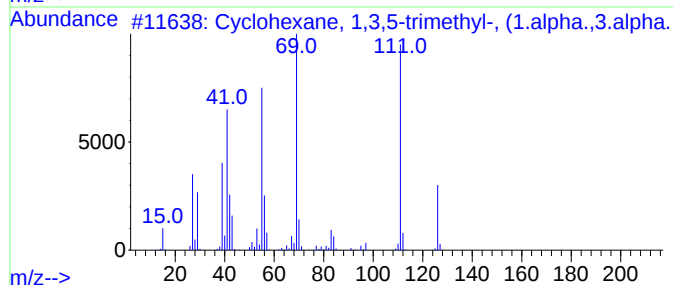
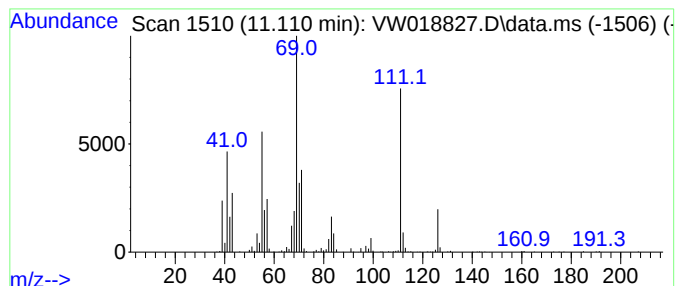
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic11.110 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	6.61 ug/L	285119	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	87
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	83
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	83
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	83
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

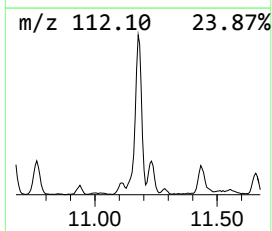
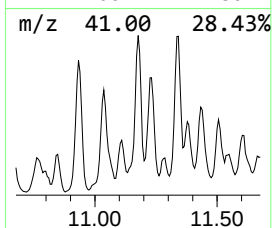
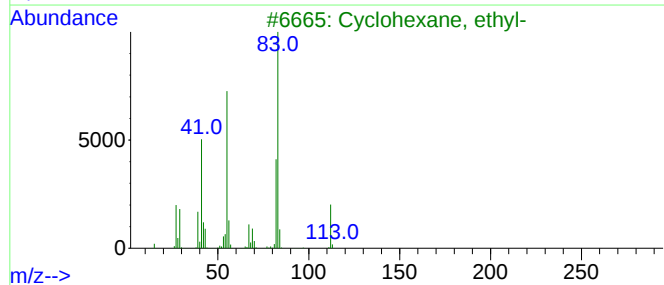
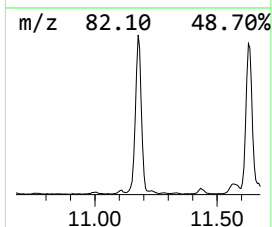
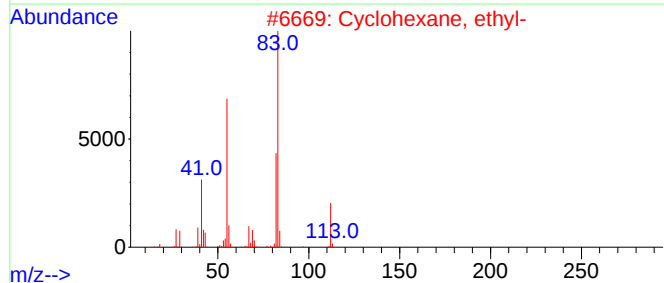
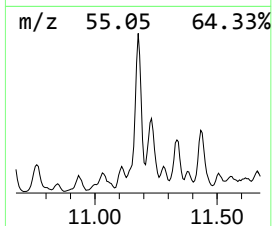
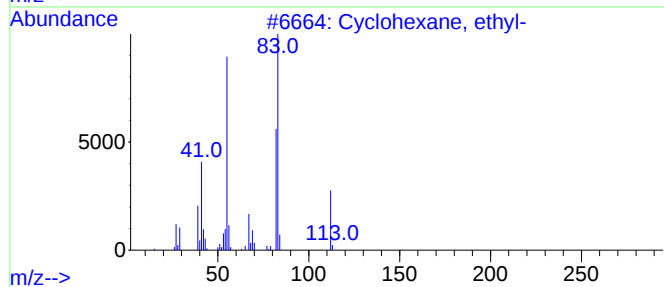
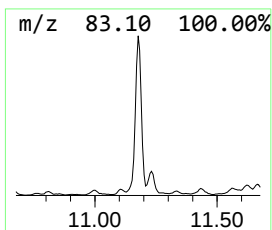
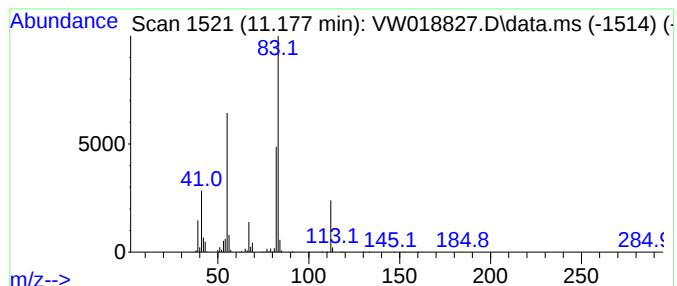
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Cyclic11.177 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	22.64 ug/L	976592	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

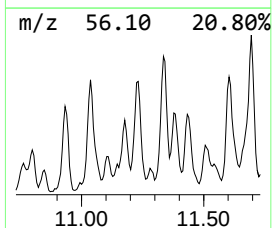
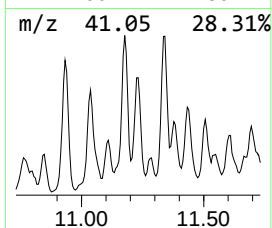
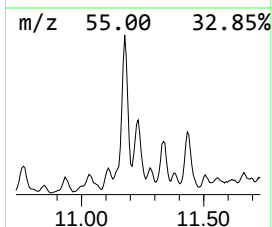
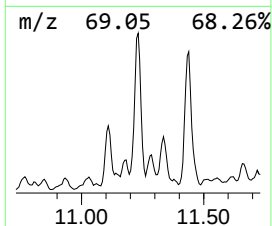
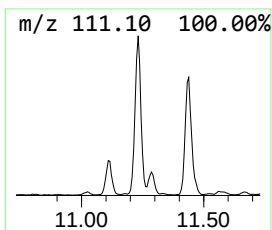
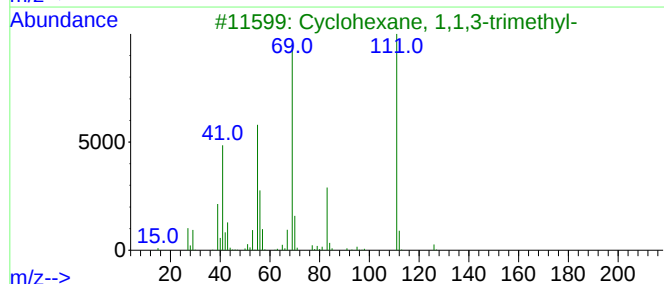
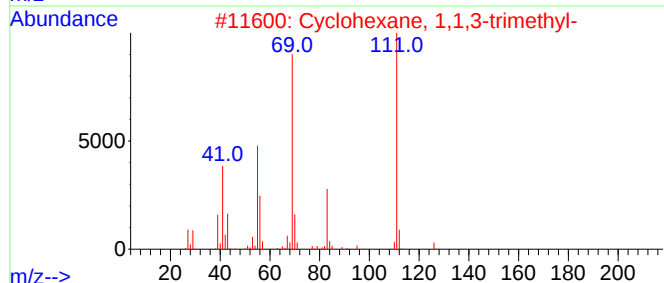
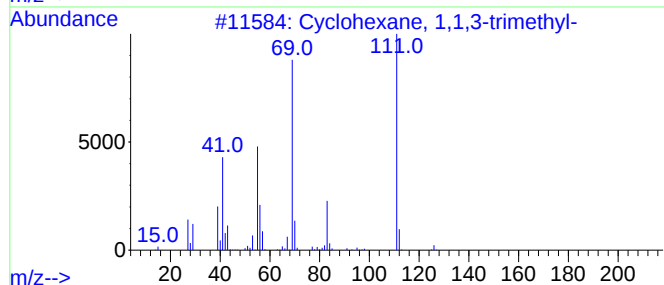
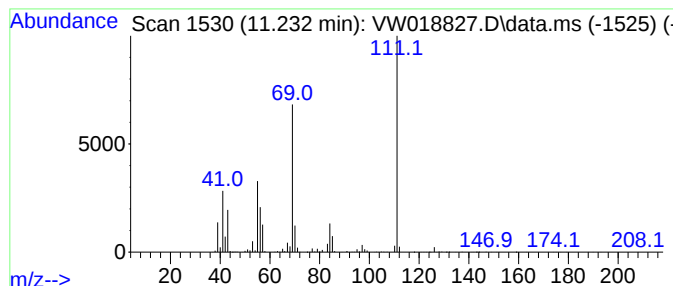
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ClientSampleId :
BG585

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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic11.232 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.232	18.75 ug/L	808709	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
4	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	53
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

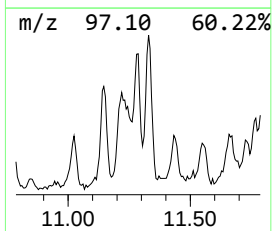
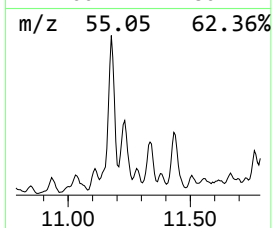
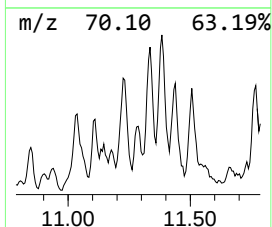
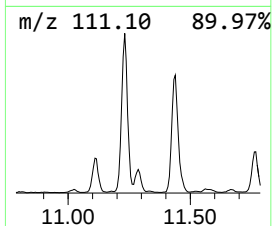
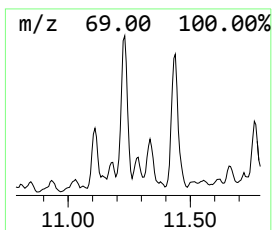
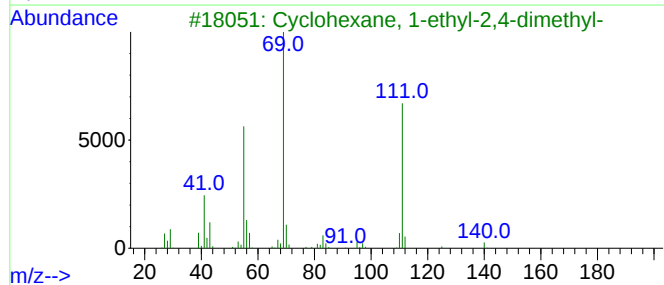
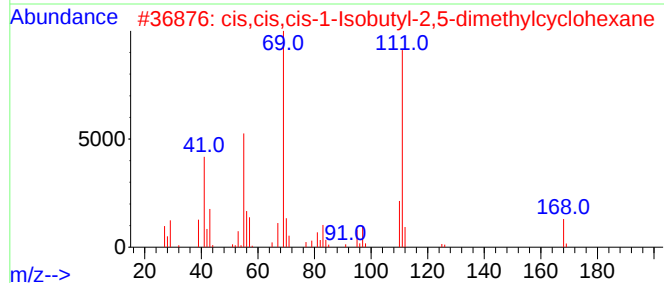
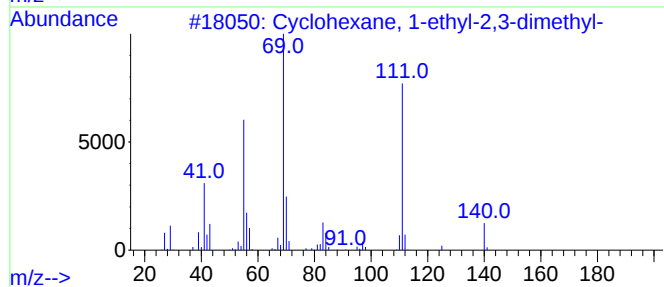
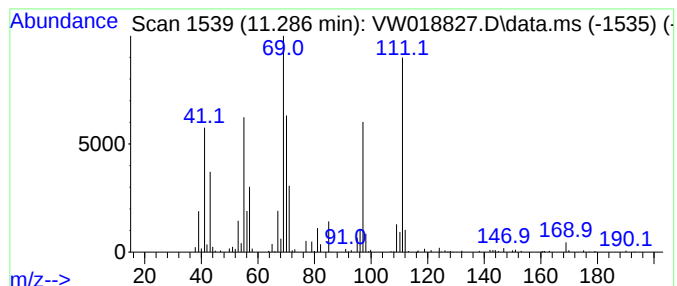
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Cyclic11.286 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	2.58 ug/L	111233	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	50
2			cis,cis,cis-1-Isobutyl-2,5-dimet...	168	C12H24	1000113-60-0	47
3			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	47
4			Cyclooctane, ethyl-	140	C10H20	013152-02-8	47
5			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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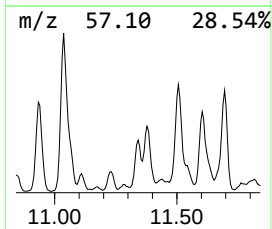
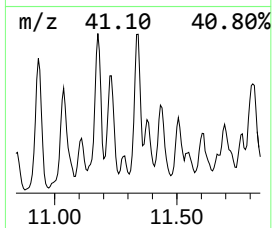
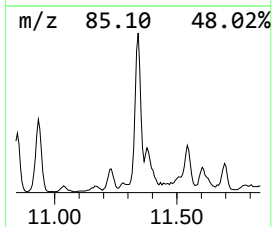
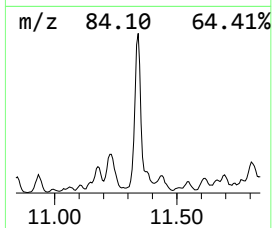
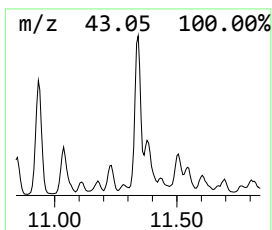
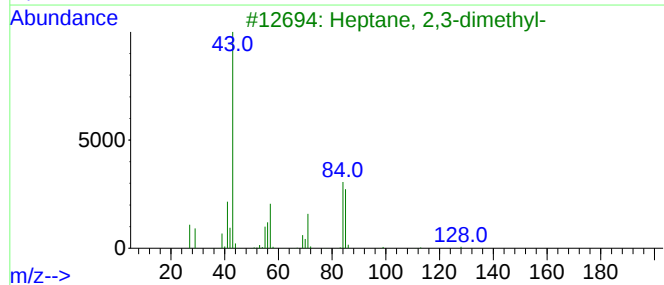
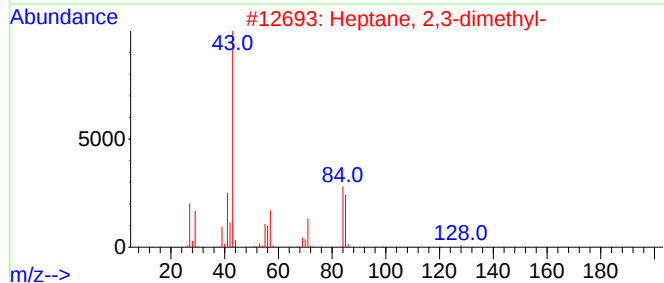
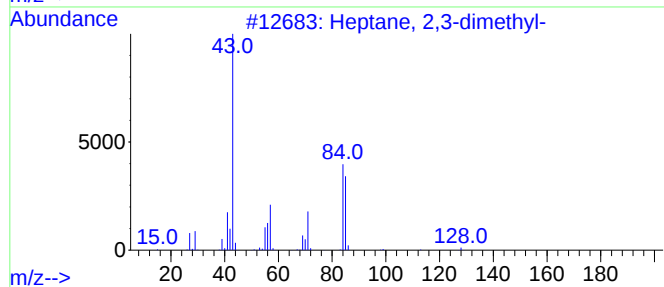
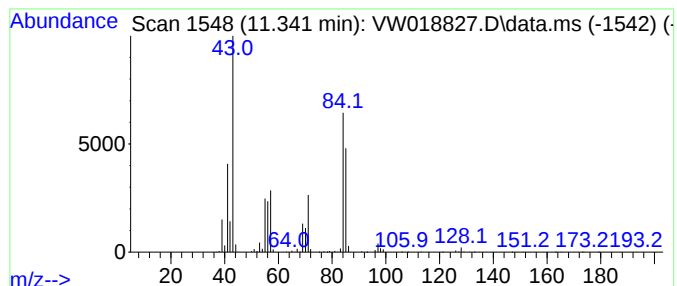
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.341	22.02 ug/L	950007	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	87
2			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	81
3			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
4			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	58
5			Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

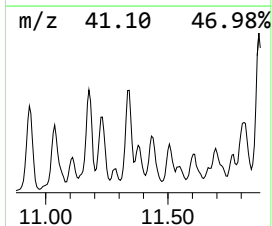
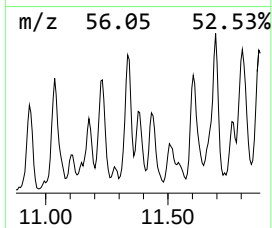
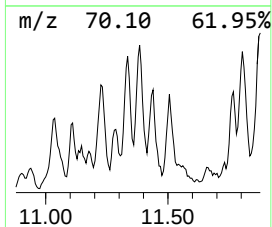
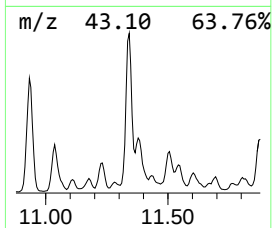
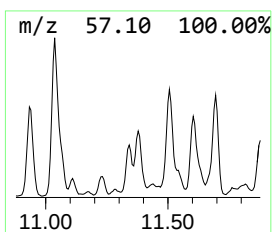
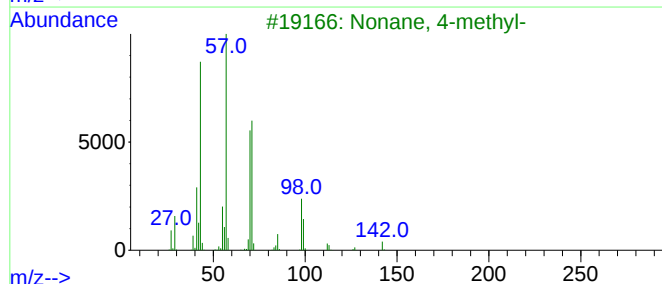
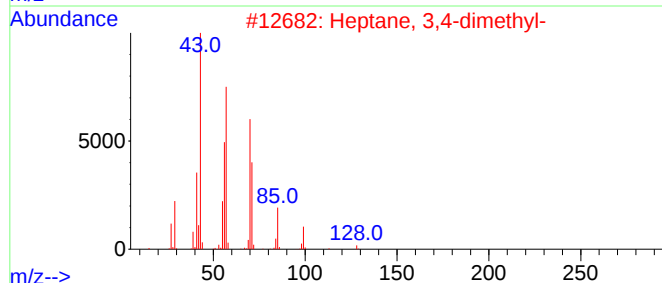
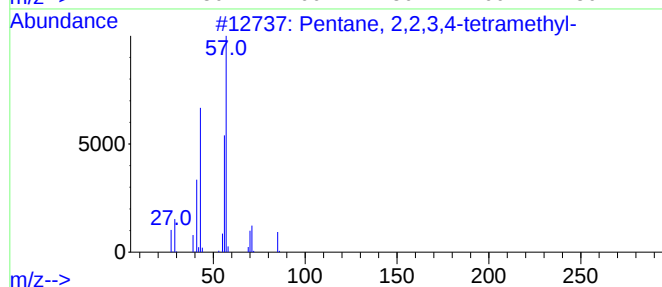
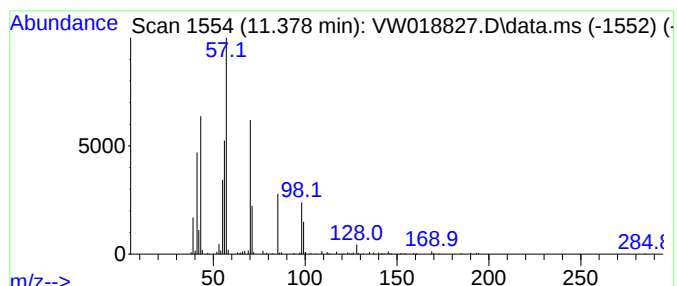
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	5.22 ug/L	225008	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47
2			Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	45
3			Nonane, 4-methyl-	142	C10H22	017301-94-9	43
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43
5			2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

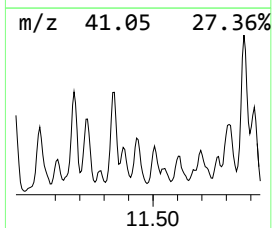
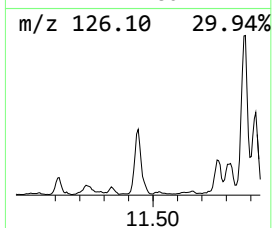
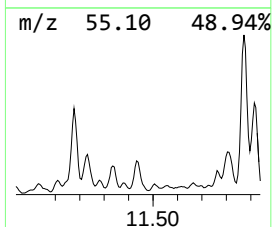
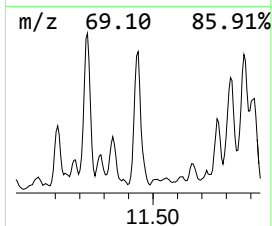
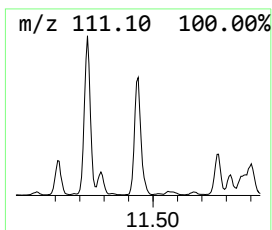
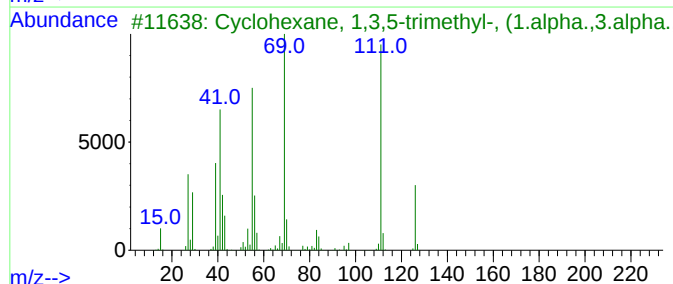
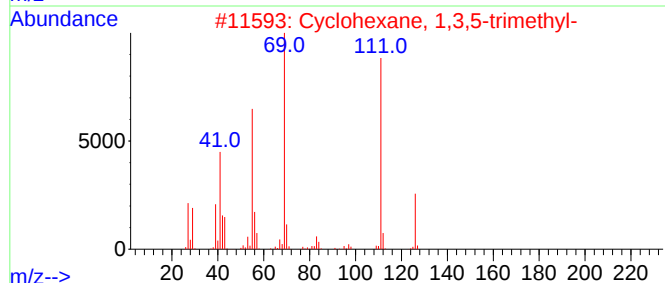
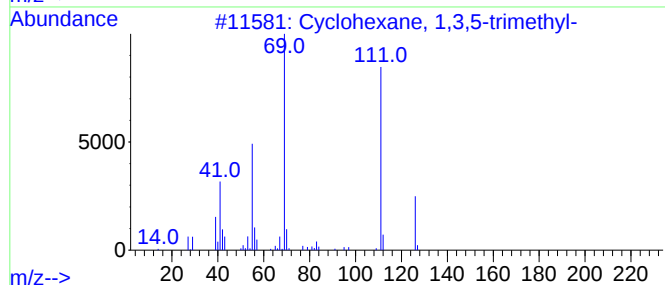
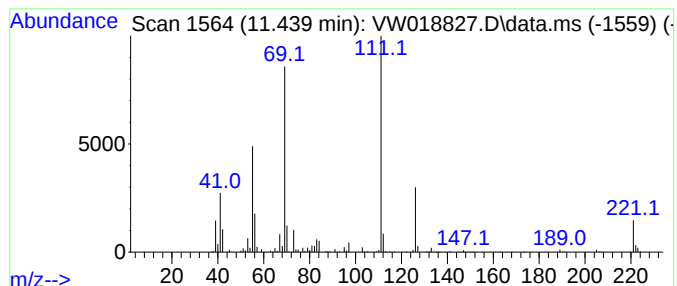
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Cyclic11.439 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	16.02 ug/L	691263	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	83
3			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	83
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	74
5			2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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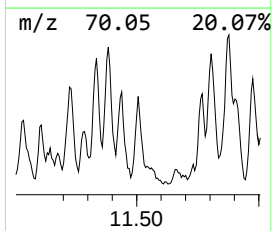
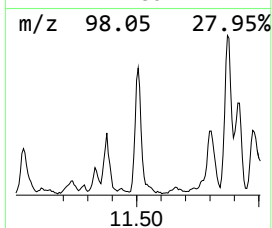
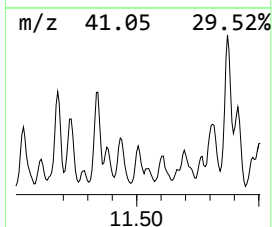
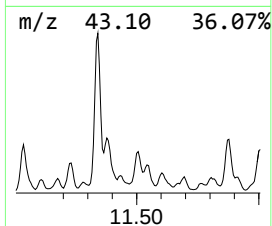
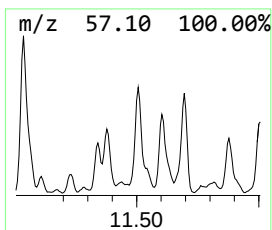
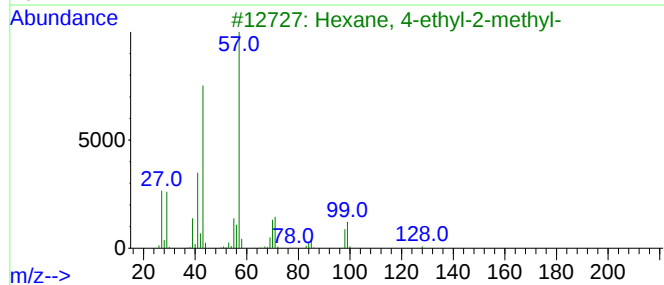
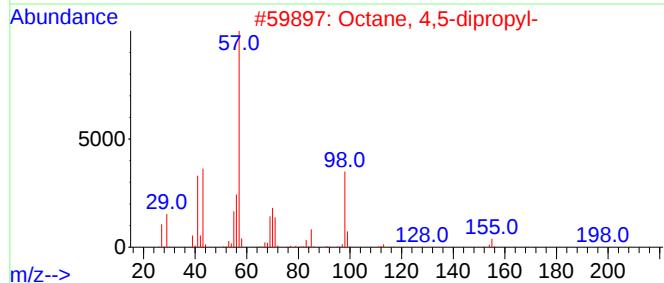
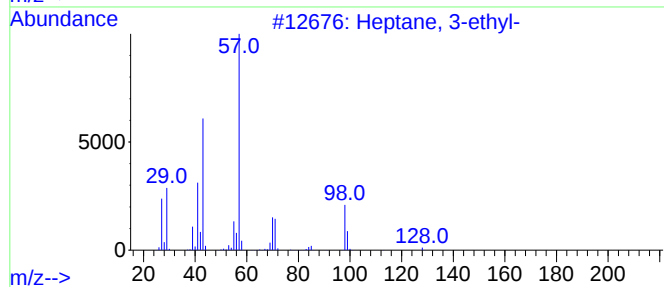
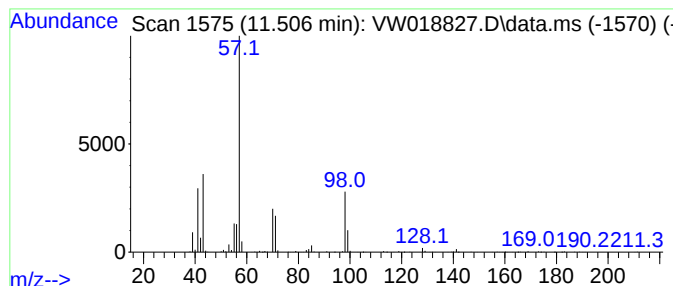
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.506	8.16 ug/L	351902	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-	128	C9H20	015869-80-4	91
2			Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	64
3			Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	59
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
5			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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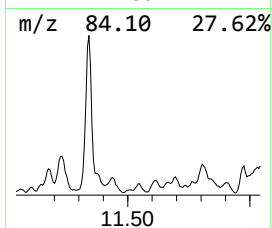
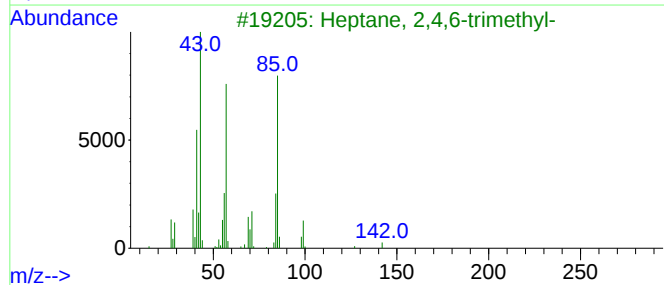
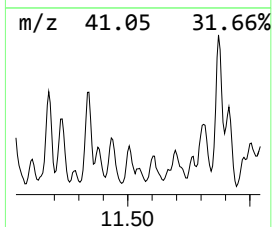
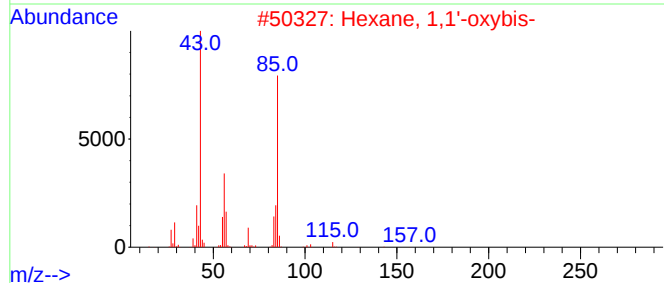
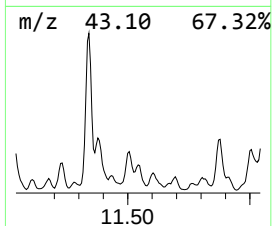
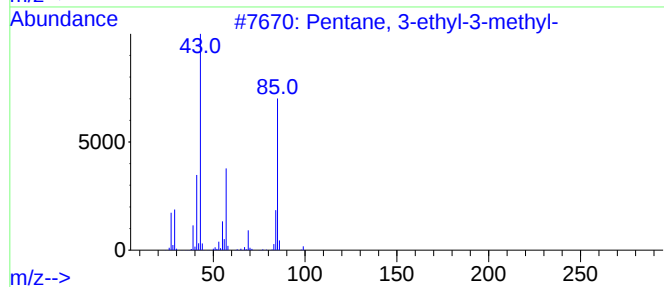
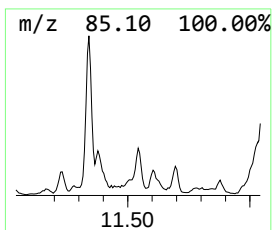
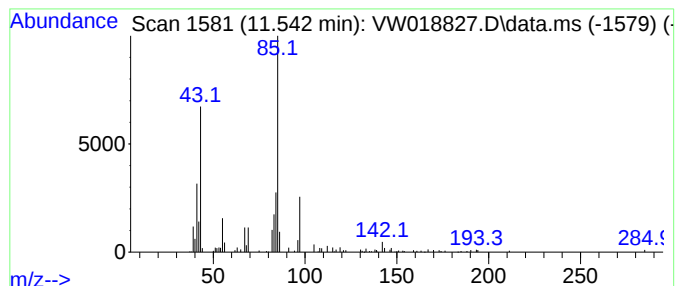
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.543	2.77 ug/L	119663	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-3-methyl-	114	C8H18	001067-08-9	53
2			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53
3			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	50
4			2-Hydroxy-5,5-dimethyl-hex-2-en-...	142	C8H14O2	1000144-68-4	49
5			2H-Pyran, tetrahydro-2-(12-penta...	308	C20H36O2	056666-38-7	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

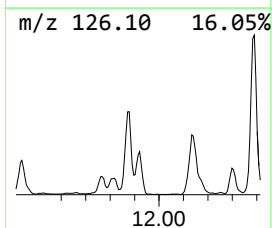
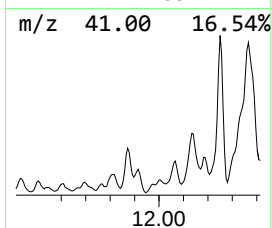
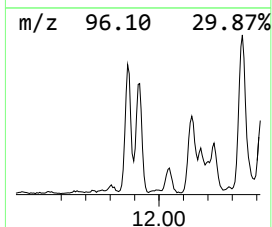
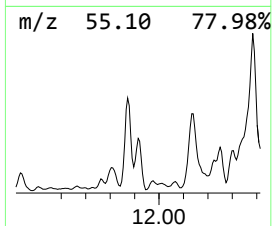
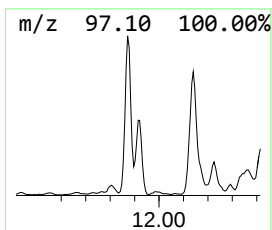
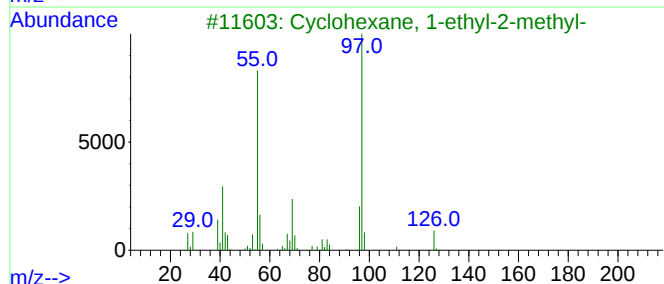
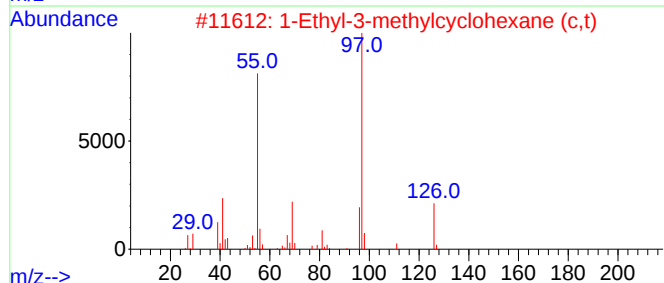
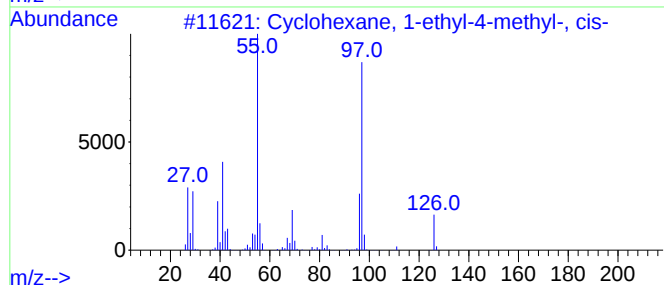
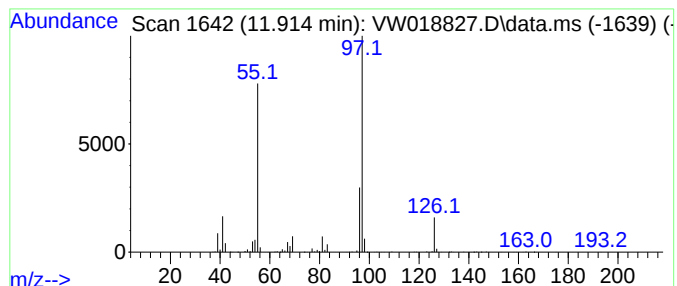
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Cyclic11.914 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.914	23.80 ug/L	1026570	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86
2			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	80
3			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	72
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

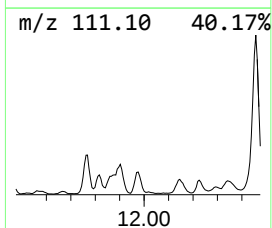
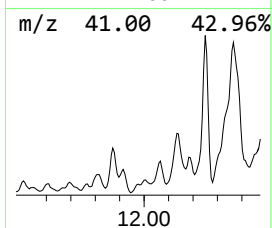
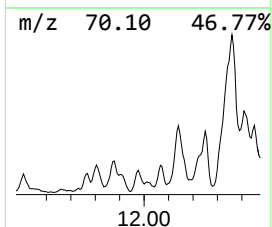
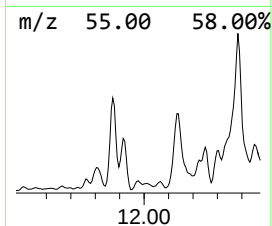
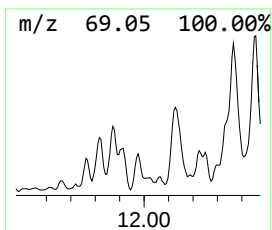
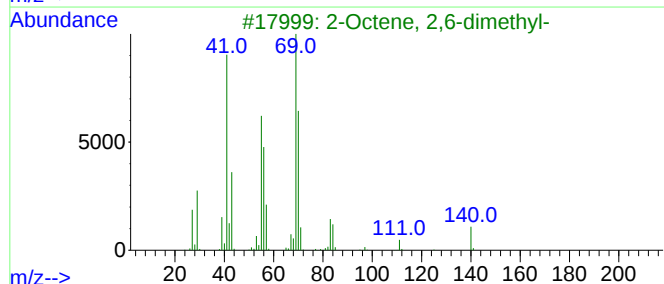
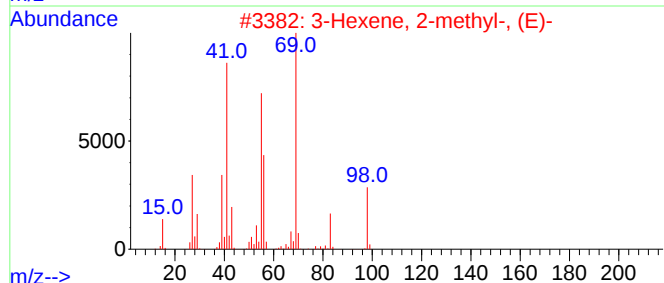
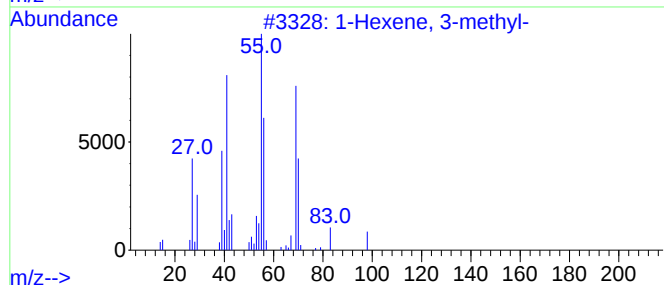
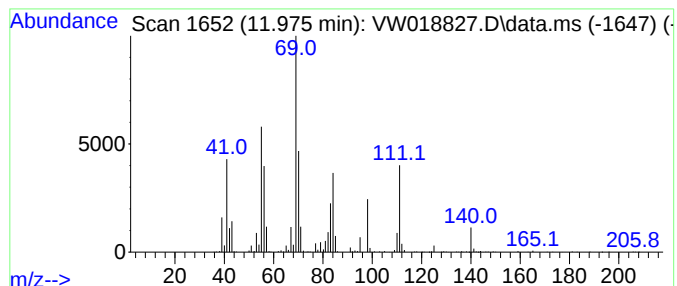
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	8.64 ug/L	372568	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	62
2		3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	53
3		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
4		Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	50
5		2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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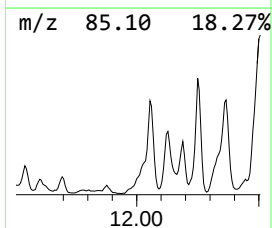
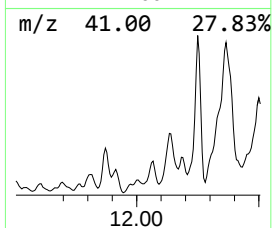
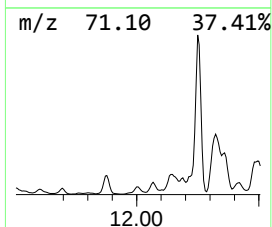
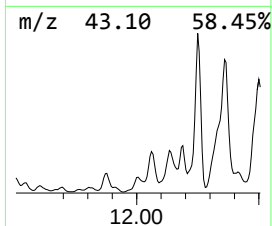
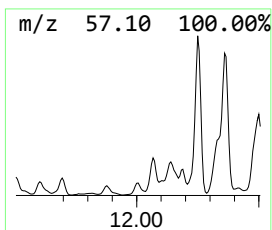
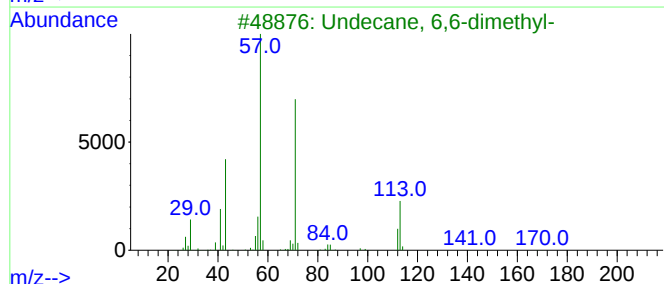
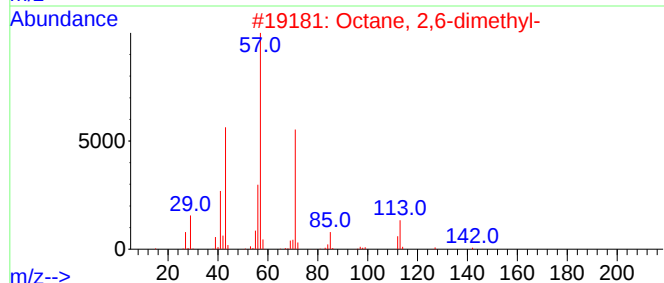
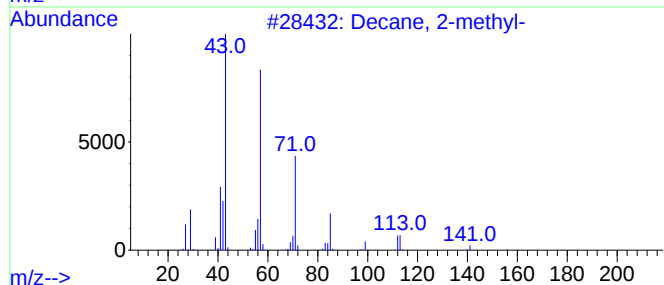
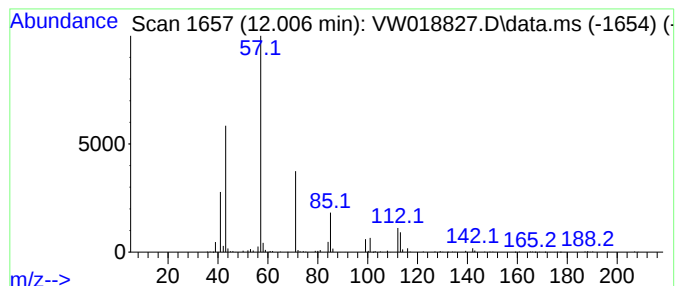
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.006	1.65 ug/L	71384	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2-methyl-	156	C11H24	006975-98-0	56
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	50
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
5		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

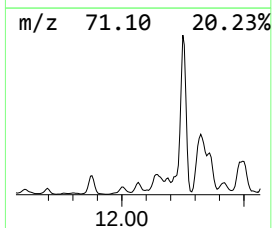
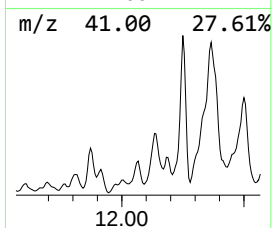
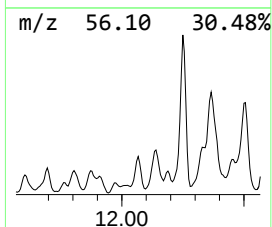
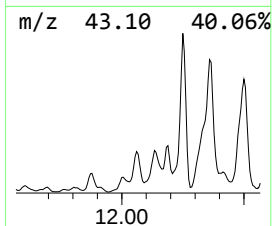
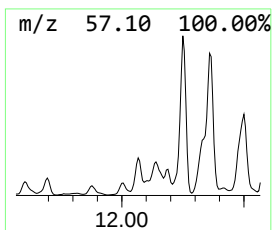
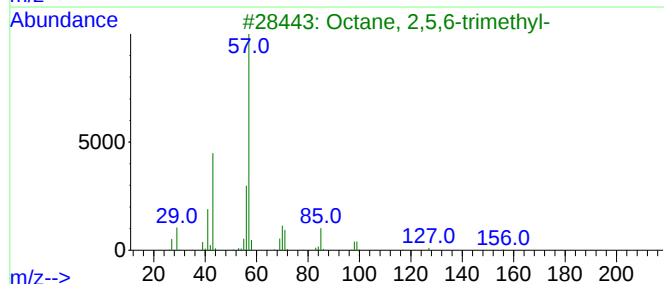
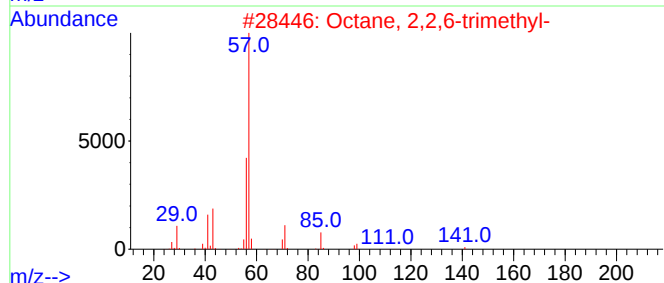
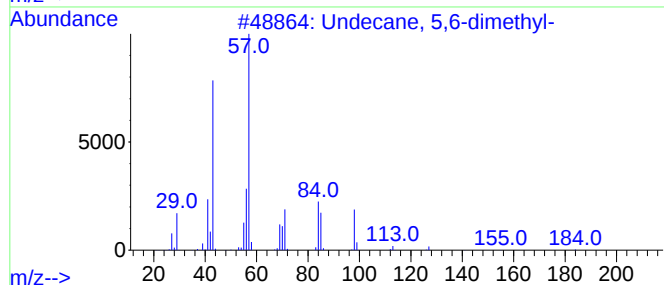
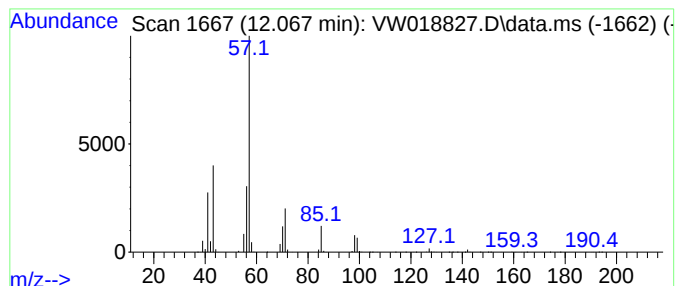
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.067	17.31 ug/L	746604	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	72
2			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	72
3			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	64
4			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
5			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

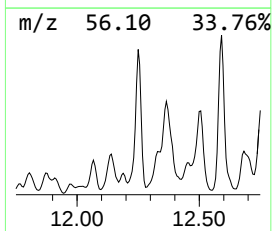
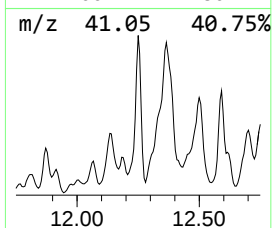
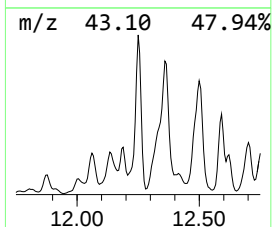
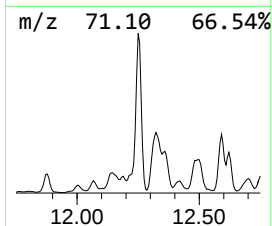
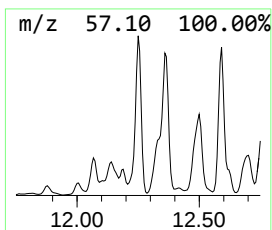
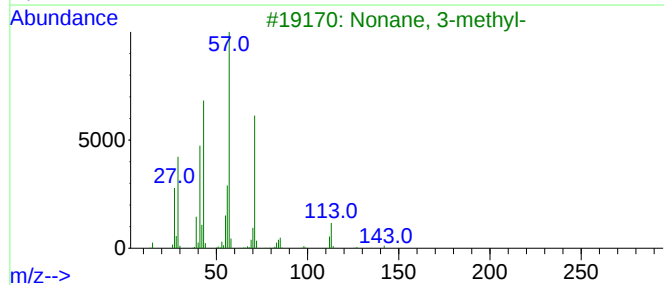
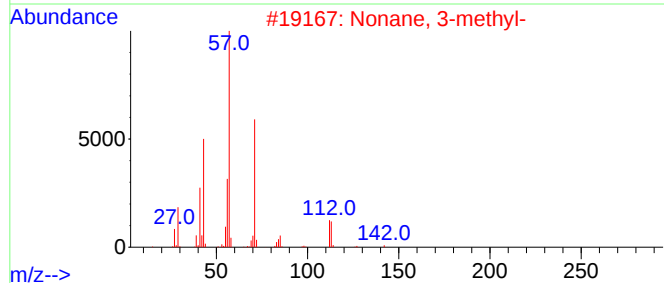
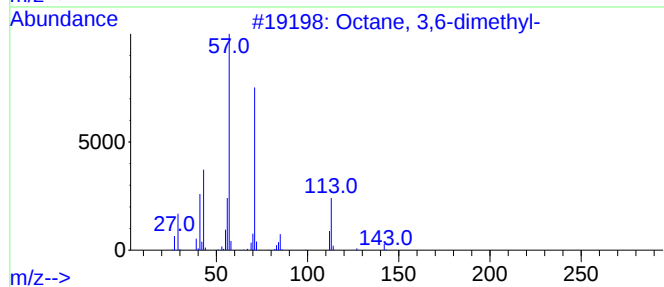
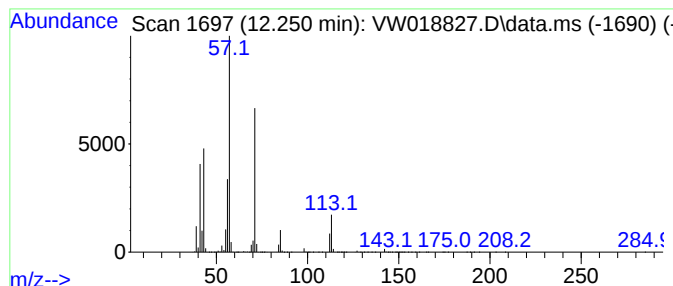
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	106.91 ug/L	4611810	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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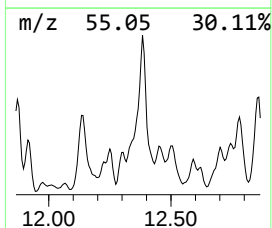
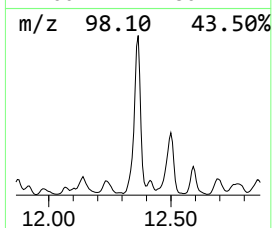
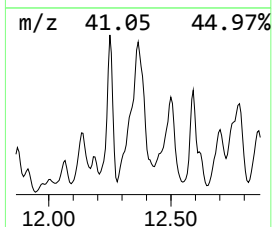
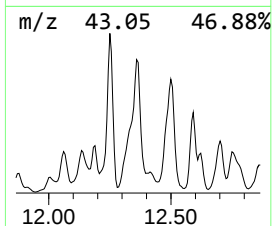
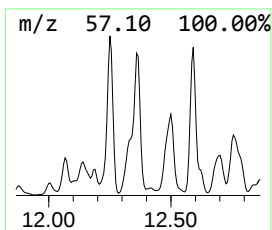
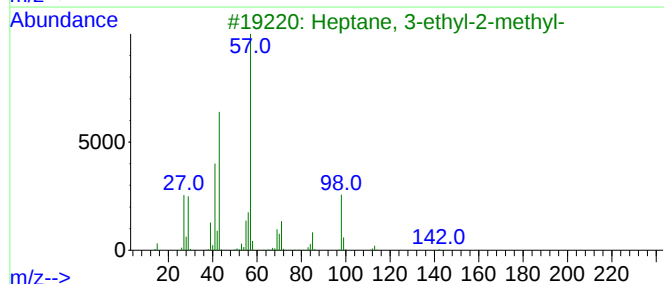
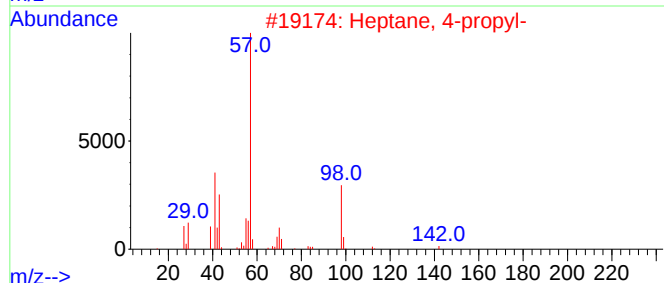
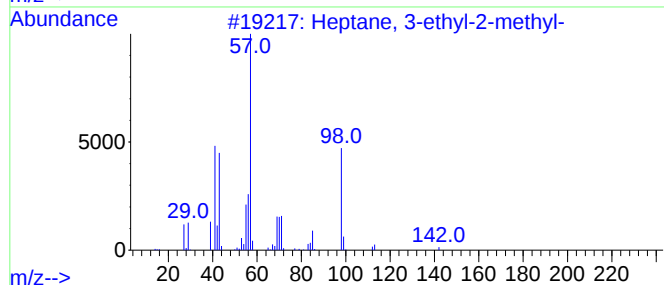
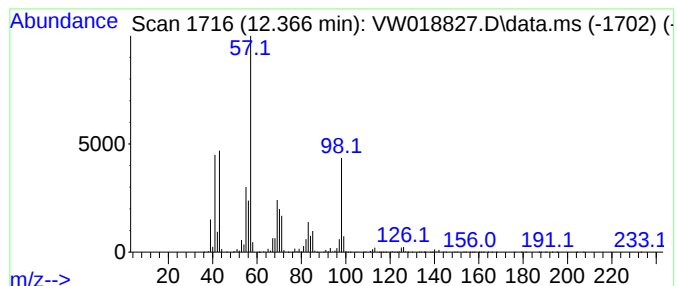
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.366	293.27 ug/L	12651100	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	81
2			Heptane, 4-propyl-	142	C10H22	003178-29-8	52
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	49
4			Heptane, 3-ethyl-	128	C9H20	015869-80-4	47
5			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

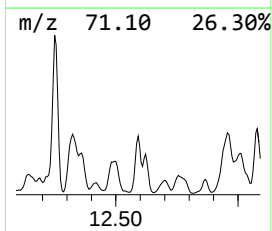
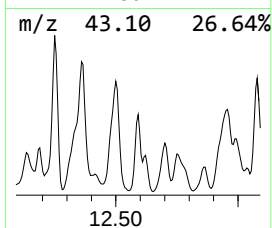
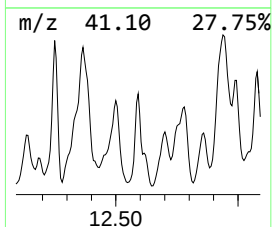
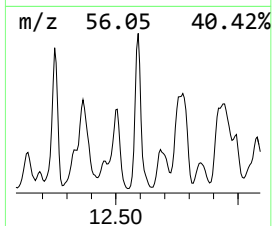
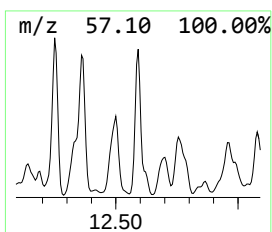
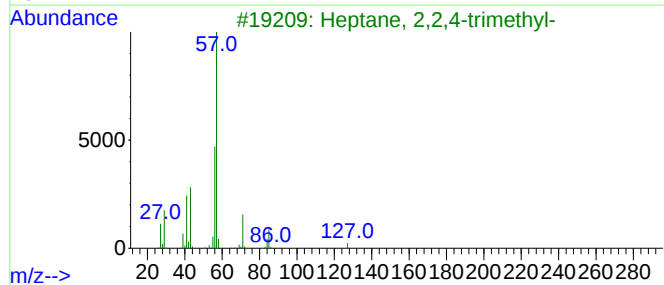
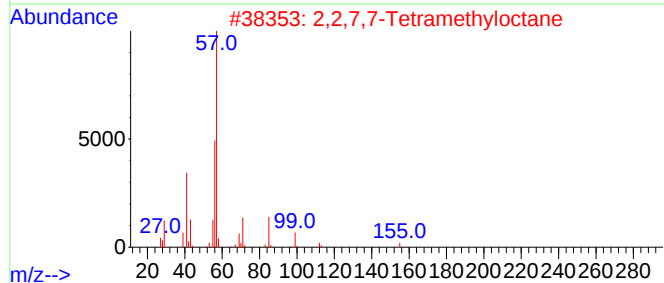
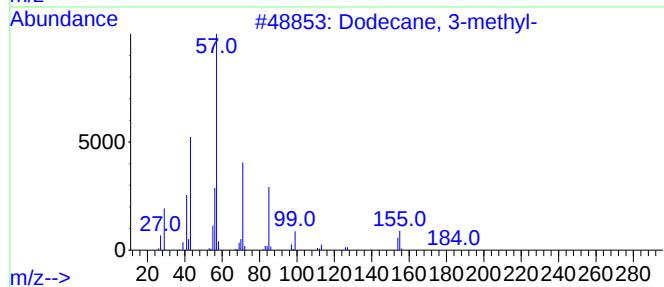
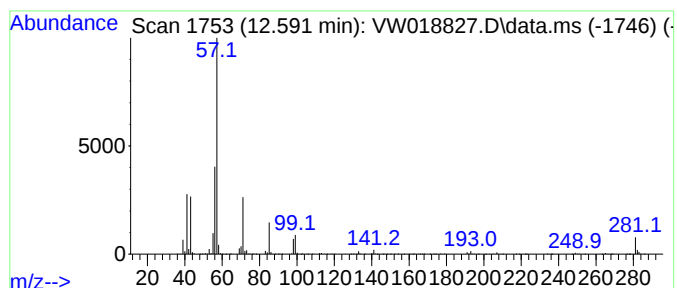
Instrument :
MSVOA_W
ClientSampleId :
BG585

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.591	120.78 ug/L	5210100	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
2	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	59
3	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	53
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
5	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

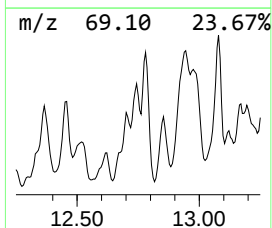
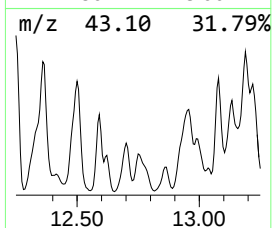
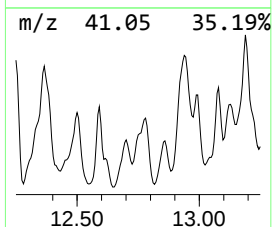
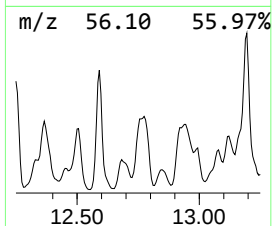
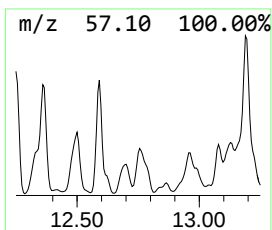
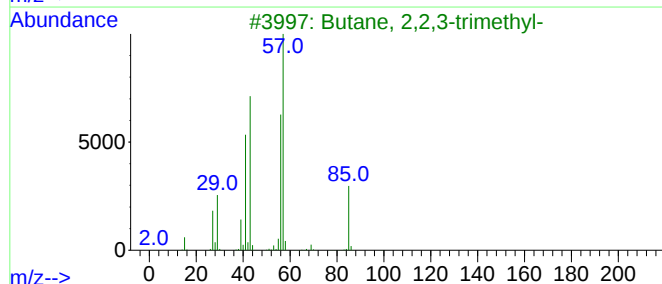
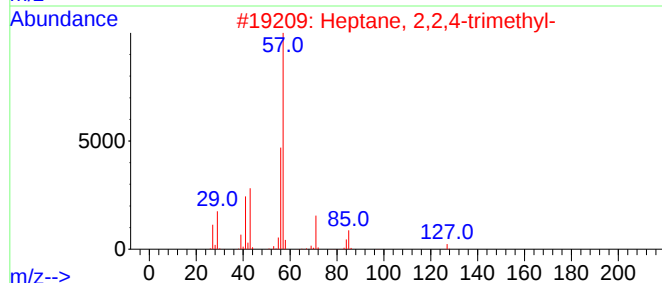
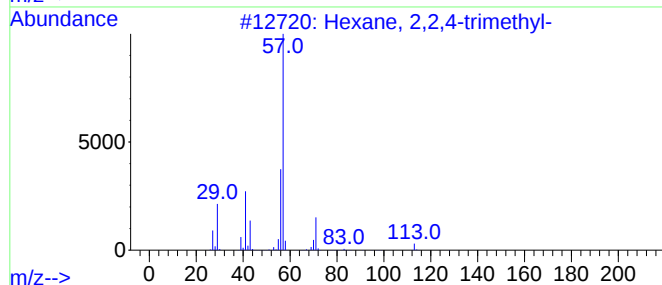
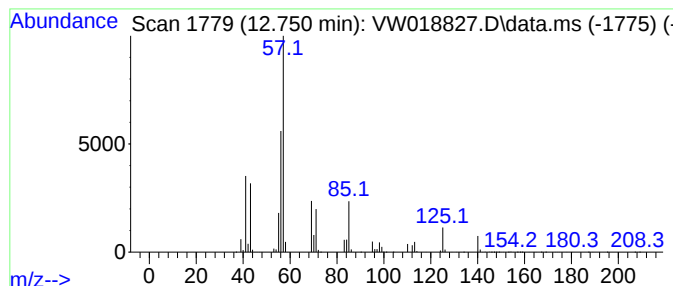
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.750	1.87 ug/L	741443	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-		128	C9H20	016747-26-5	47
2	Heptane, 2,2,4-trimethyl-		142	C10H22	014720-74-2	47
3	Butane, 2,2,3-trimethyl-		100	C7H16	000464-06-2	47
4	Heptane, 2,2-dimethyl-		128	C9H20	001071-26-7	47
5	Hexane, 2,2,5-trimethyl-		128	C9H20	003522-94-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

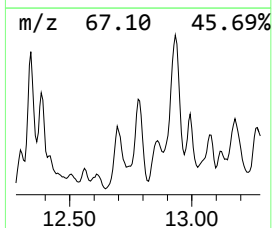
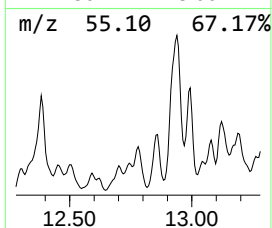
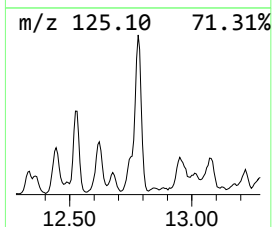
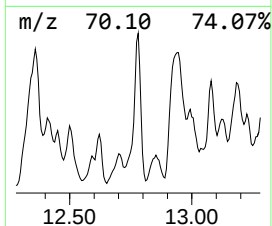
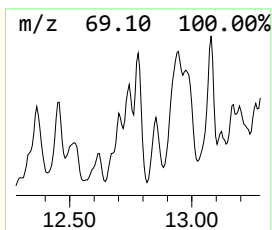
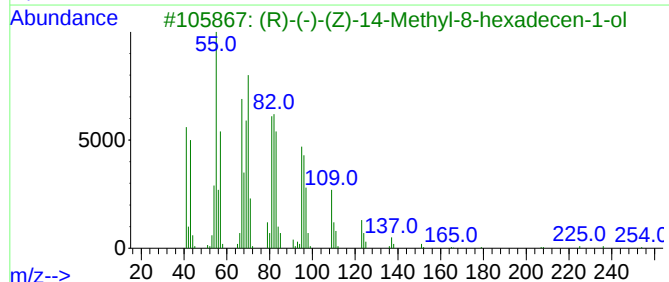
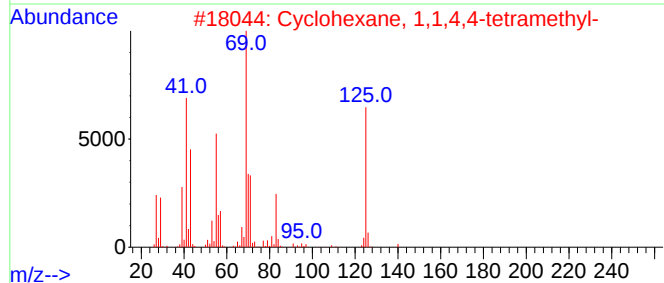
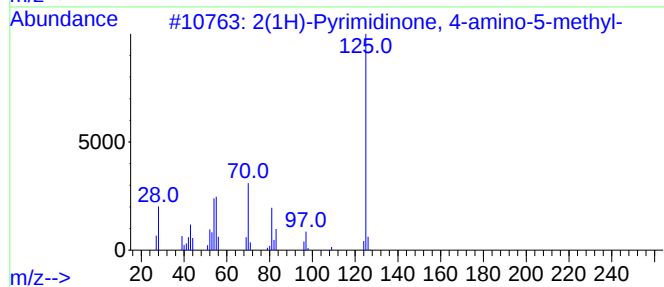
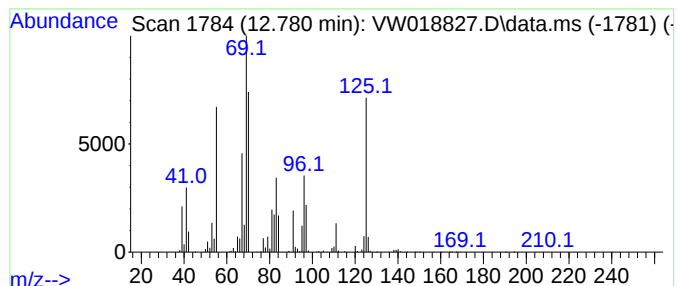
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	9.53 ug/L	3775120	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Pyrimidinone, 4-amino-5-me...	125	C5H7N3O	000554-01-8	43		
2	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	43		
3	(R)-(-)-(Z)-14-Methyl-8-hexadece...	254	C17H34O	030689-78-2	43		
4	1-Cyclopentylethanol, trifluoroa...	210	C9H13F3O2	1000364-11-9	35		
5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	35		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

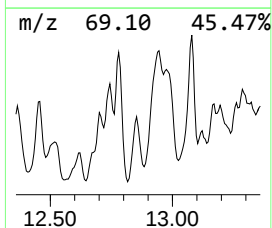
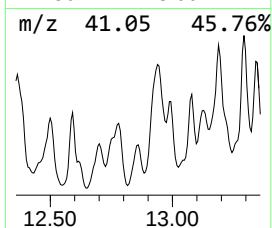
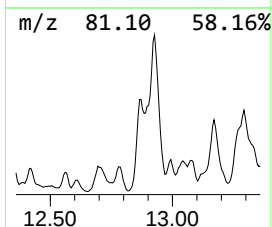
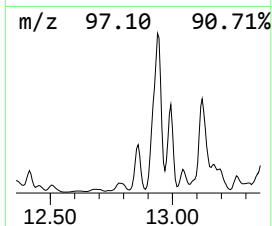
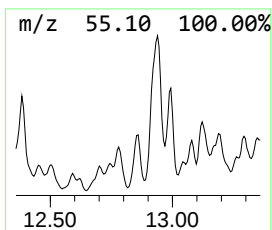
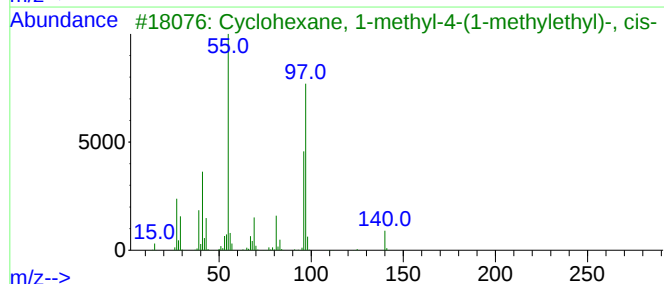
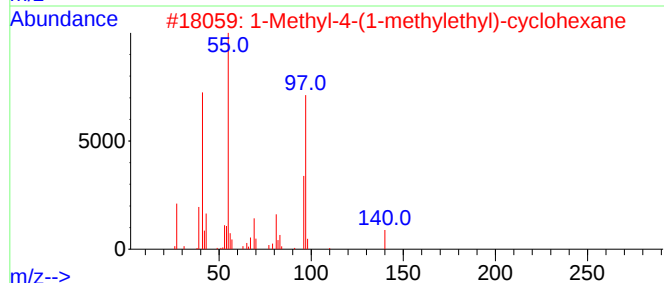
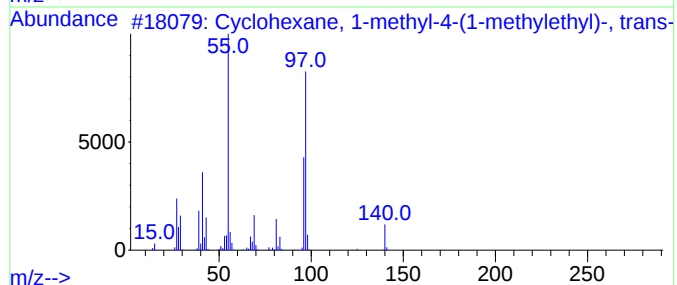
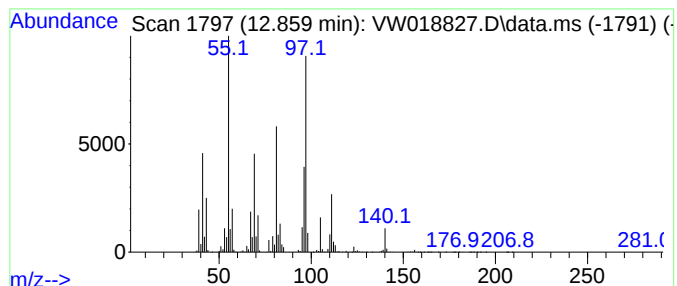
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Cyclic12.859 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	7.45 ug/L	2949080	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	68
2			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	68
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	68
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64
5			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

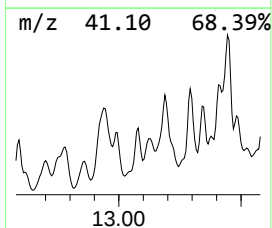
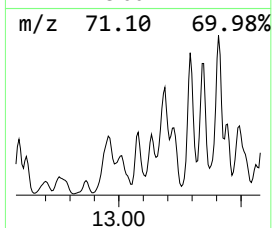
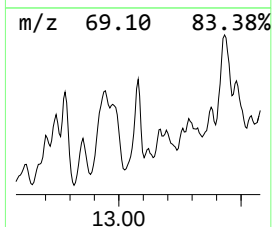
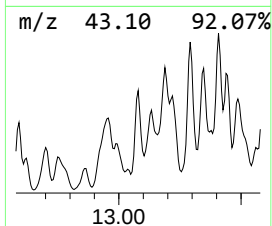
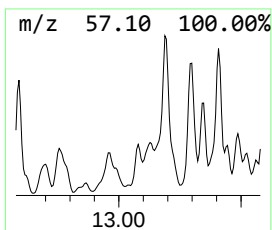
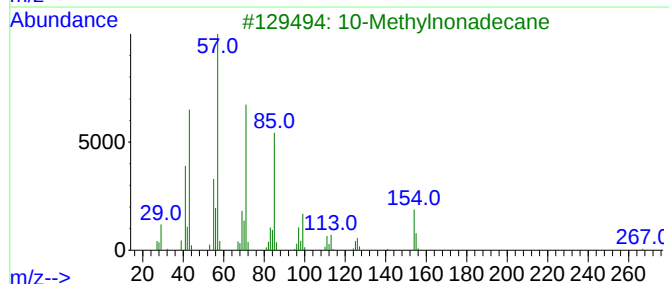
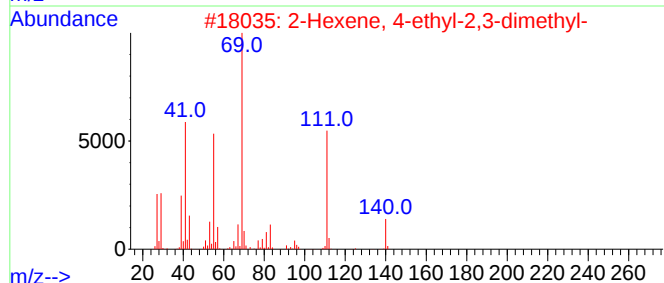
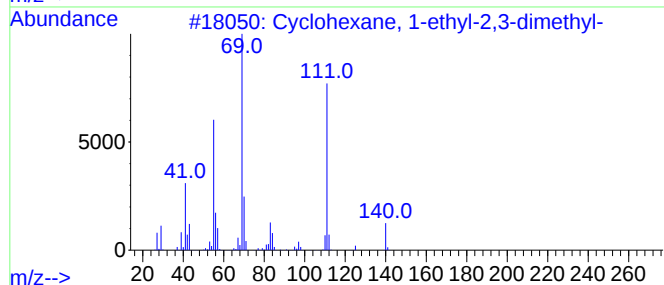
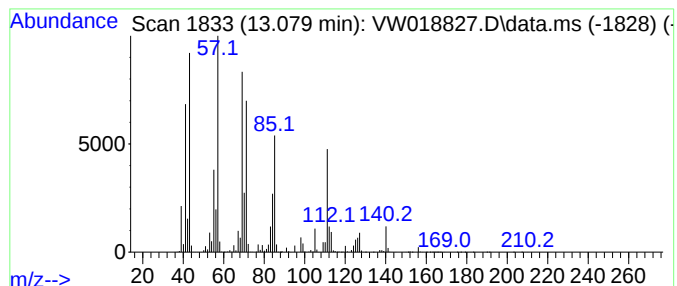
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Cyclic13.079 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	8.48 ug/L	3357860	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	43
2			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	41
3			10-Methylnonadecane	282	C20H42	056862-62-5	38
4			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	38
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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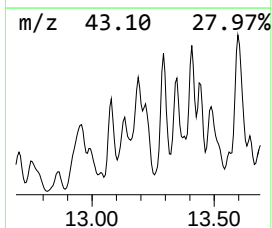
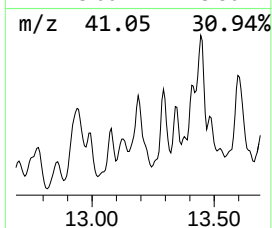
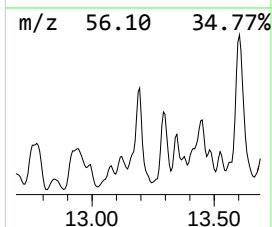
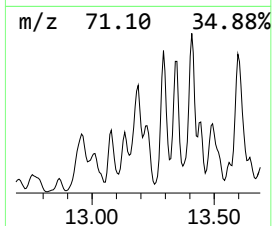
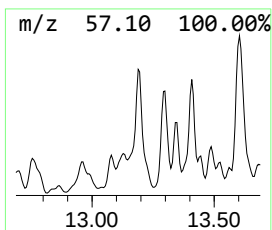
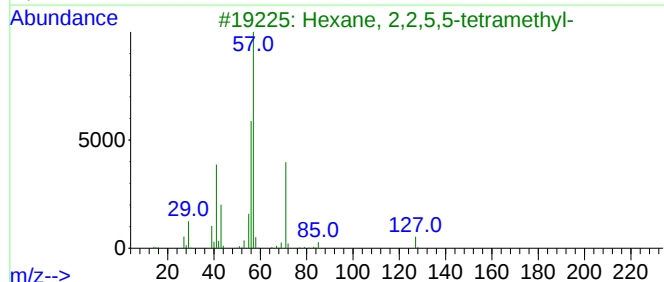
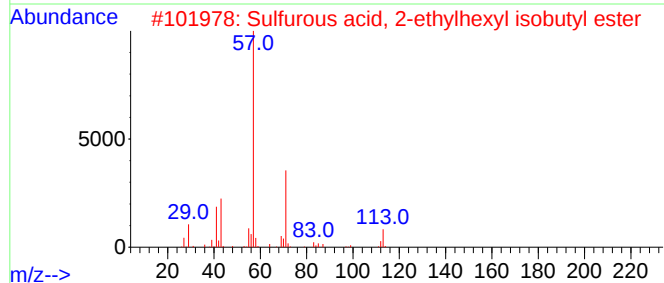
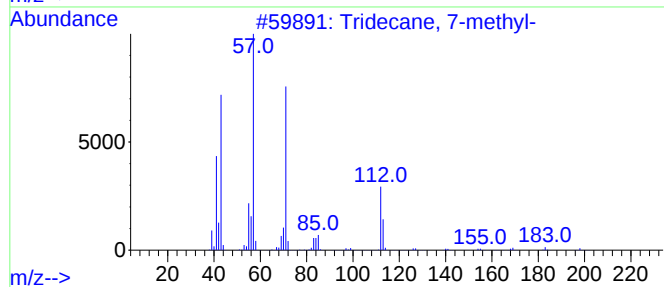
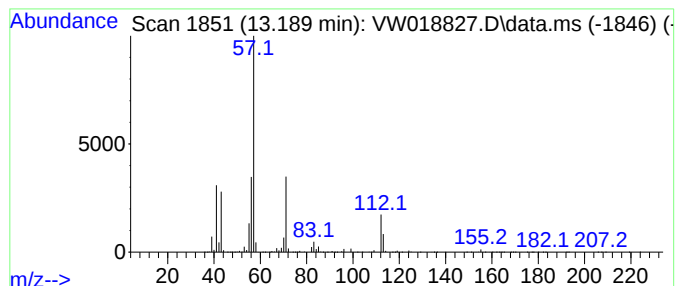
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.188	10.11 ug/L	4002800	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
2			Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	50
3			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	47
5			1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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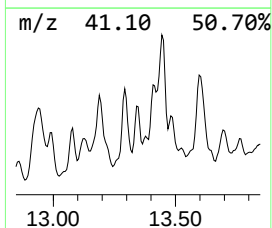
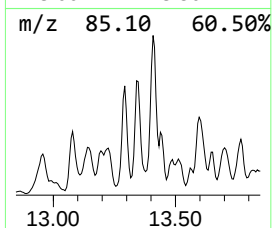
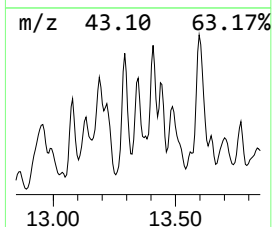
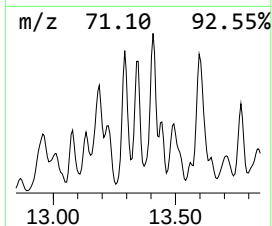
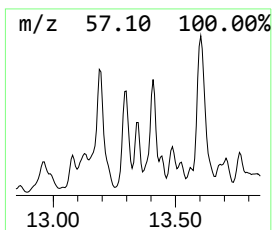
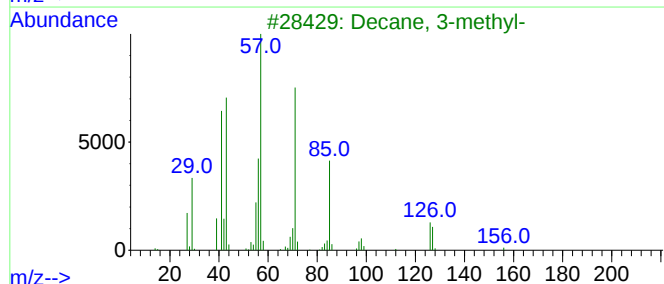
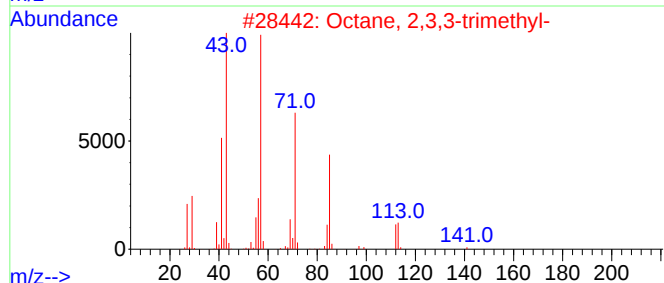
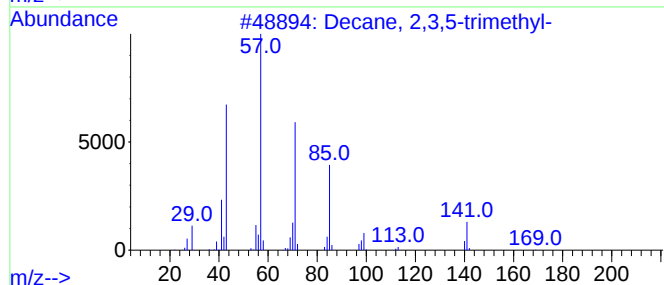
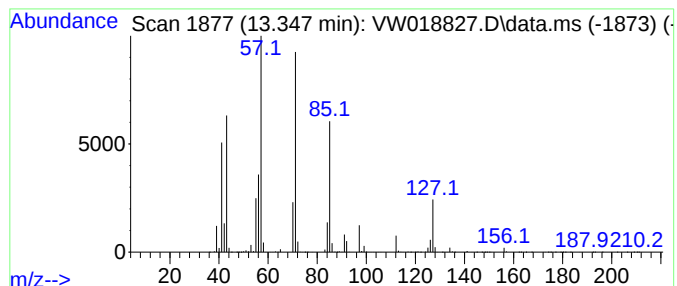
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.347	6.23 ug/L	2466770	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
2			Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	59
3			Decane, 3-methyl-	156	C11H24	013151-34-3	58
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
5			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

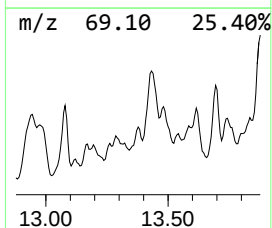
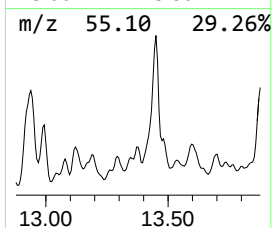
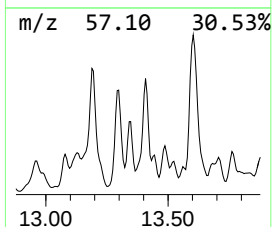
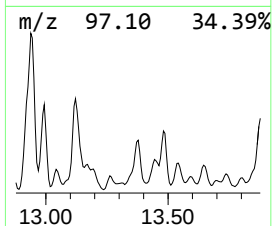
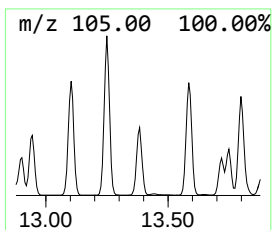
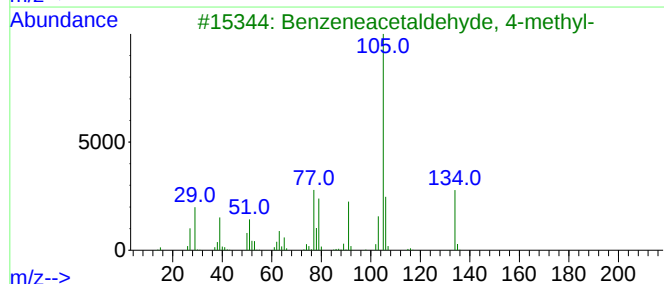
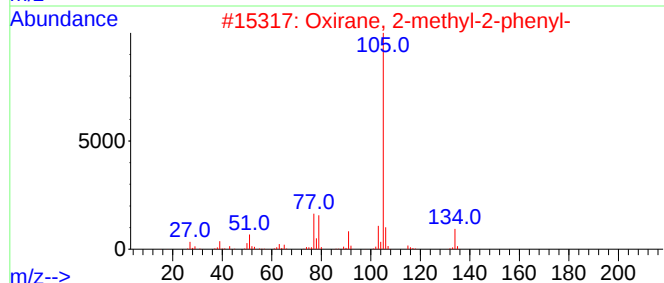
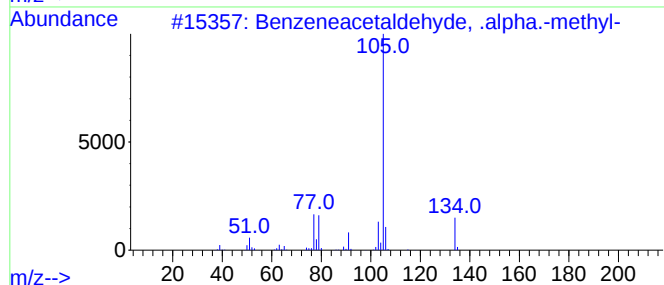
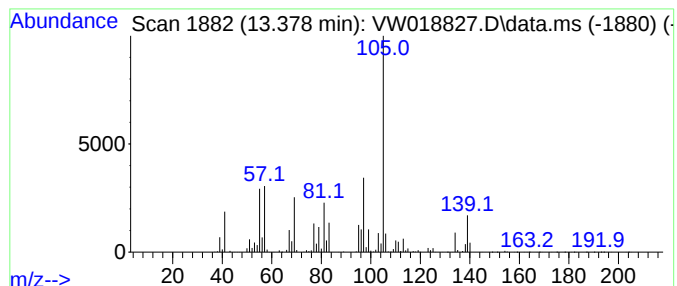
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 unknown-02 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.378	4.16 ug/L	1647680	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	25
2			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	25
3			Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	11
4			Benzene, 1-(chloromethyl)-4-methyl-	140	C8H9Cl	000104-82-5	11
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

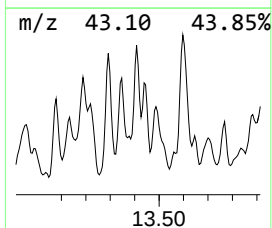
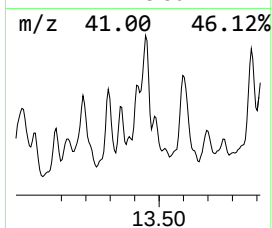
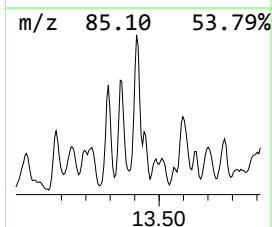
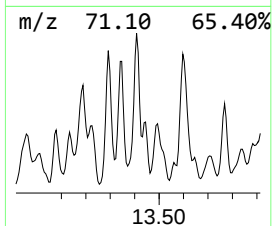
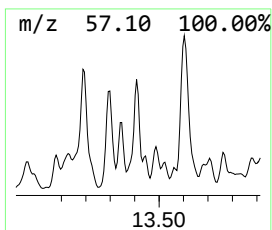
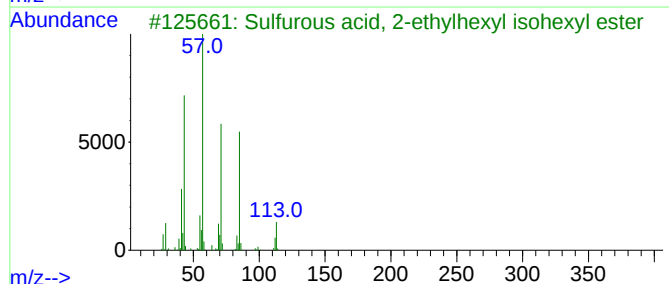
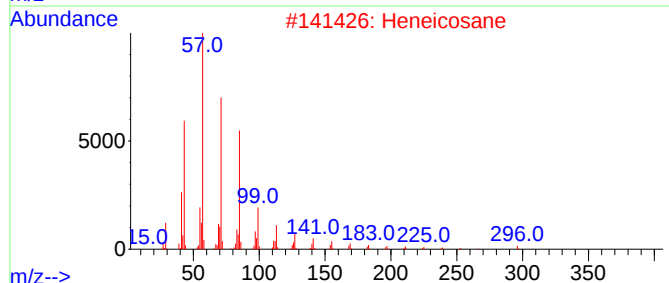
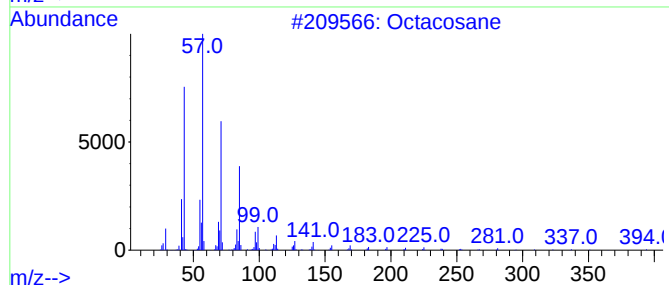
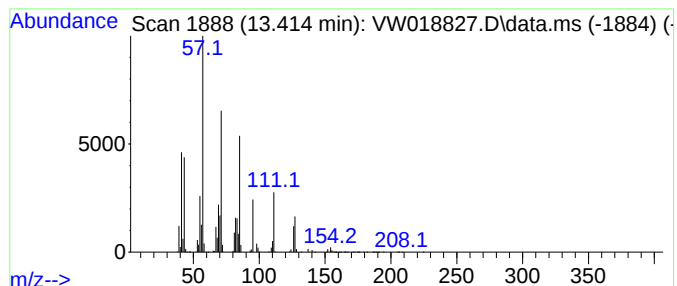
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.414	11.29 ug/L	4470900	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	50
2			Heneicosane	296	C21H44	000629-94-7	50
3			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	43
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43
5			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

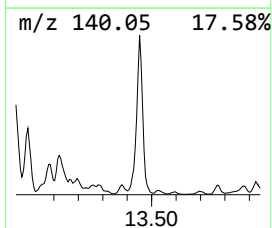
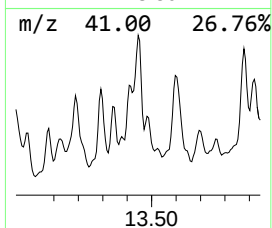
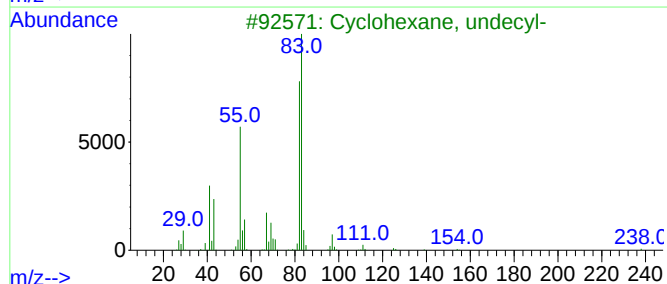
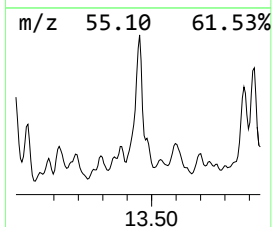
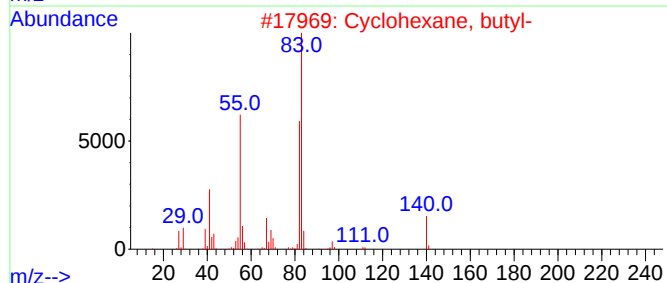
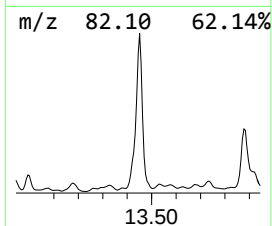
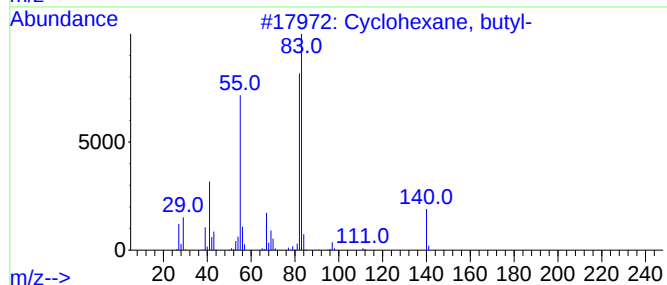
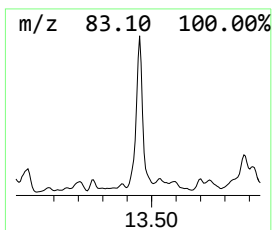
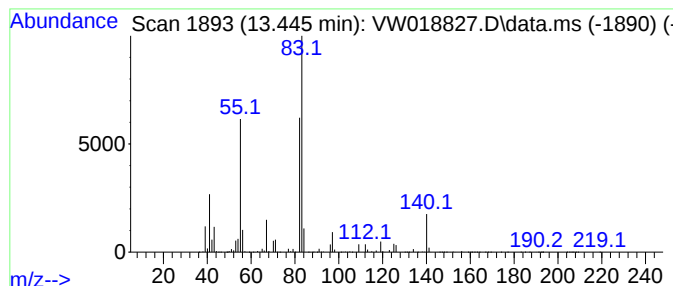
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Cyclic13.445 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	24.25 ug/L	9602100	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	81
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	81
3			Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	72
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

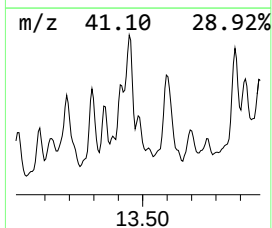
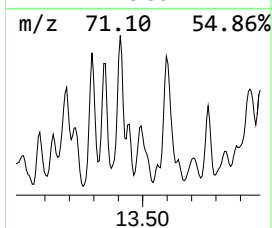
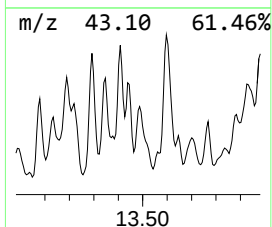
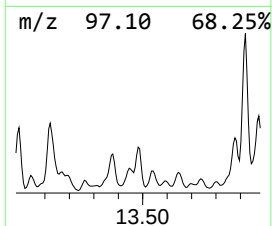
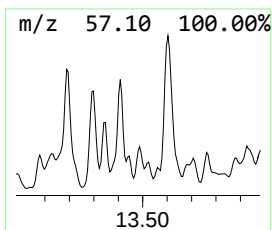
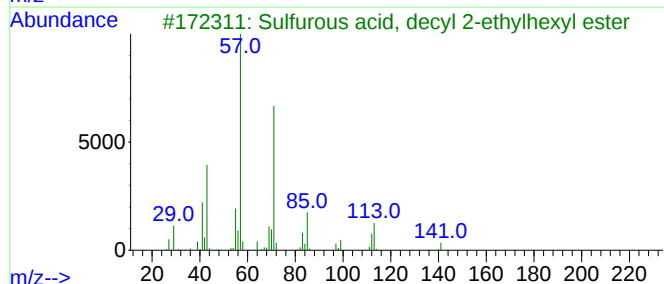
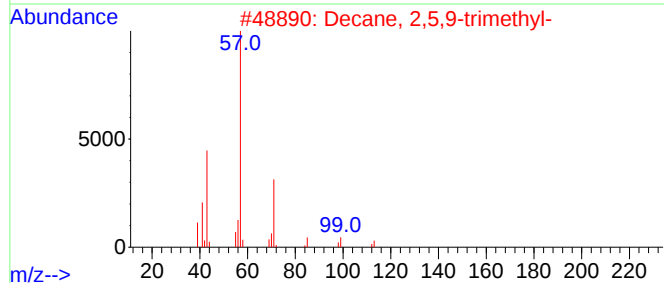
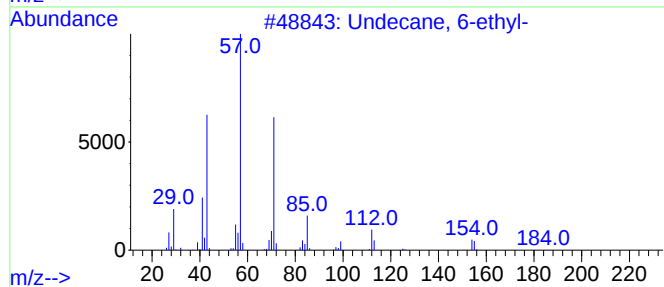
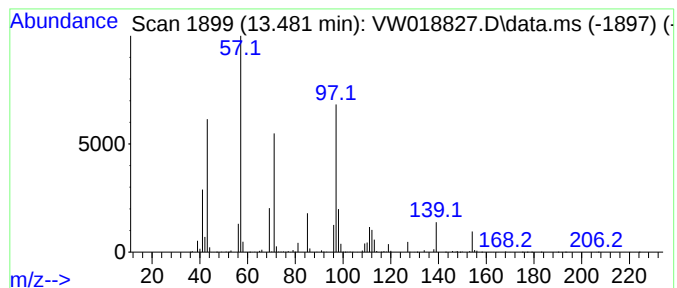
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	5.64 ug/L	2234030	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 6-ethyl-	184	C13H28	017312-60-6	35
2			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	35
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	35
4			Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	35
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

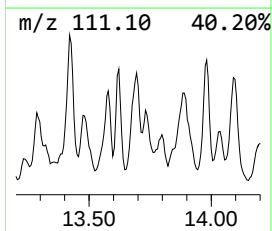
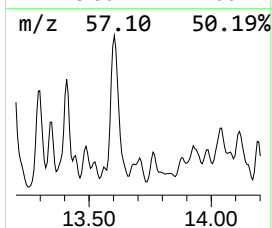
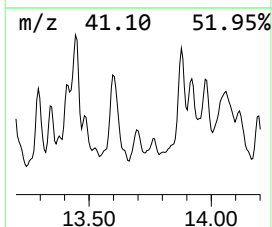
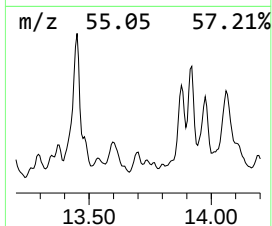
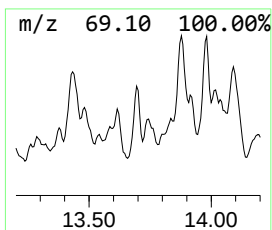
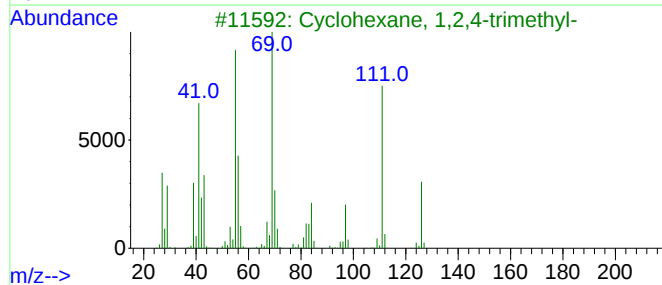
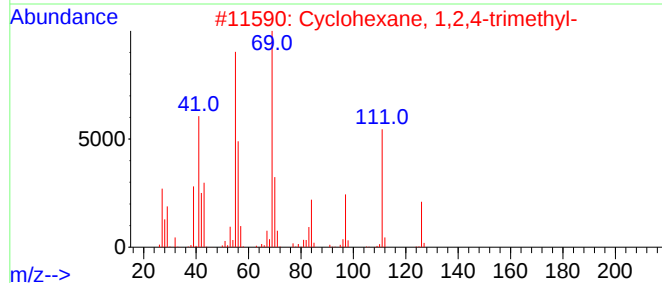
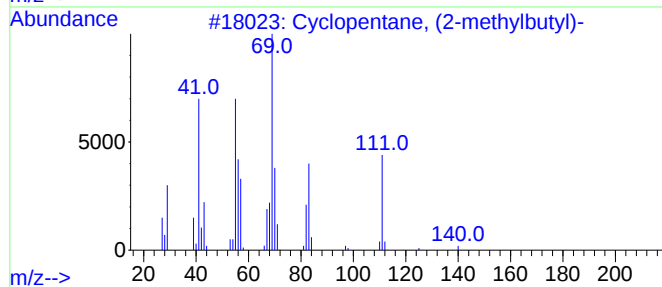
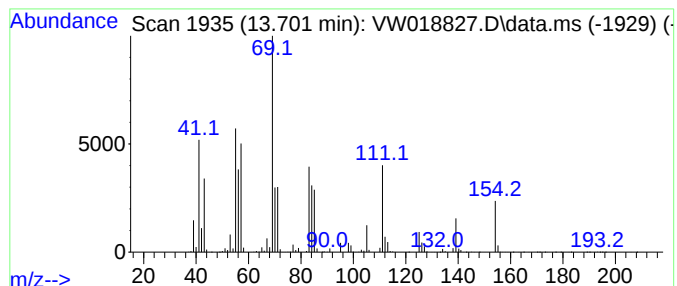
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Cyclic13.701 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.701	8.43 ug/L	3338290	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	62
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	47
3		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43
4		Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	35
5		Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

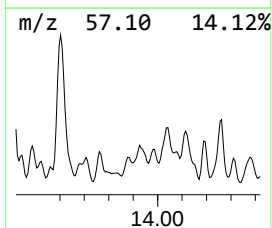
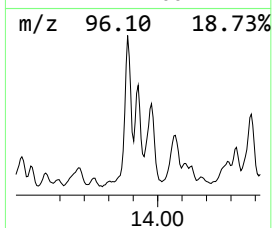
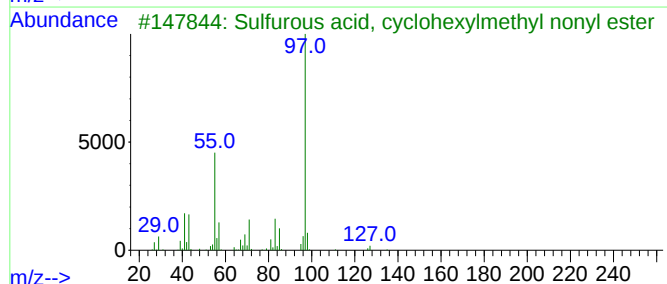
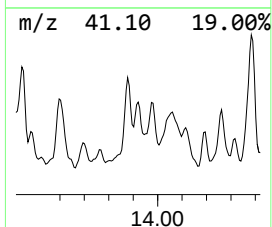
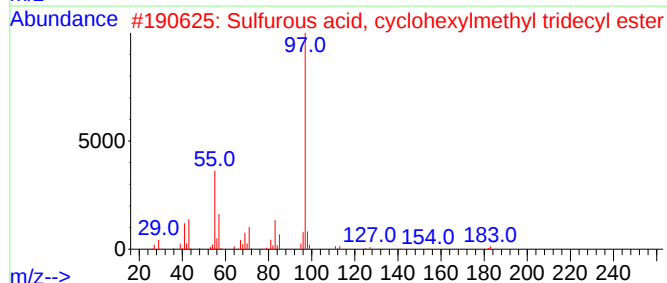
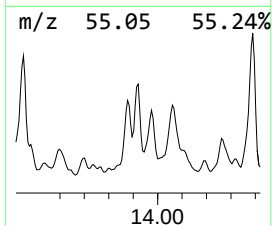
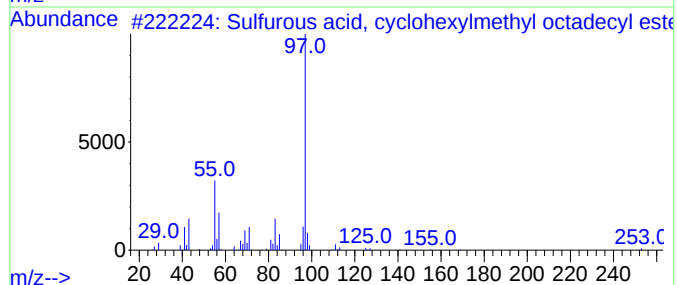
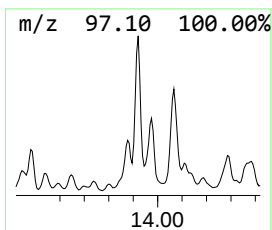
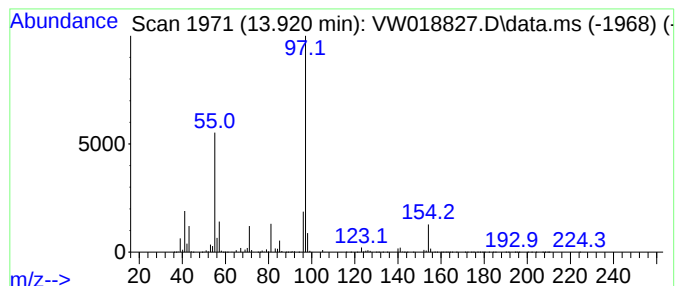
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 Sulfurous acid, cyclohexylm... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.920	12.61 ug/L	4991960	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	64
2			Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	64
3			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	64
4			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	59
5			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

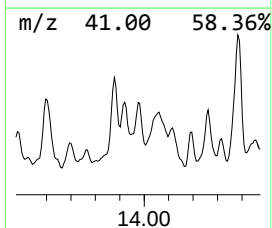
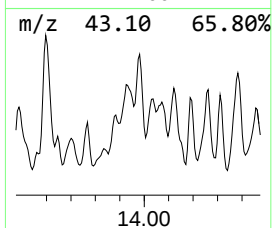
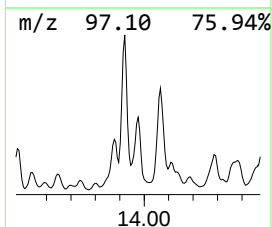
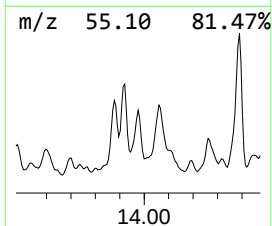
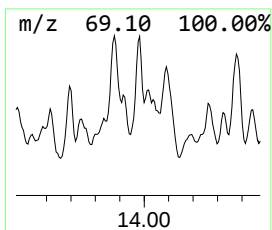
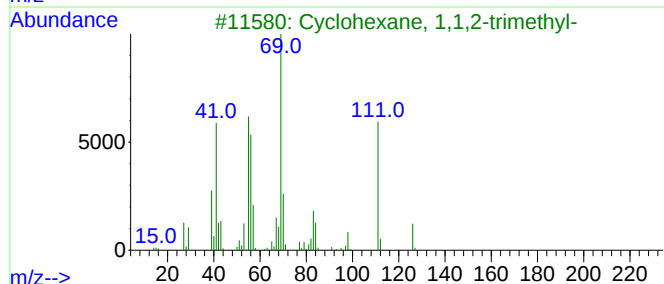
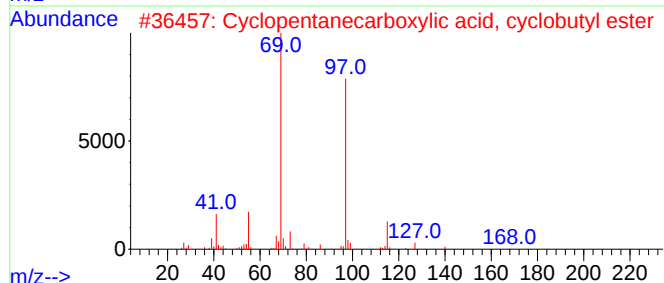
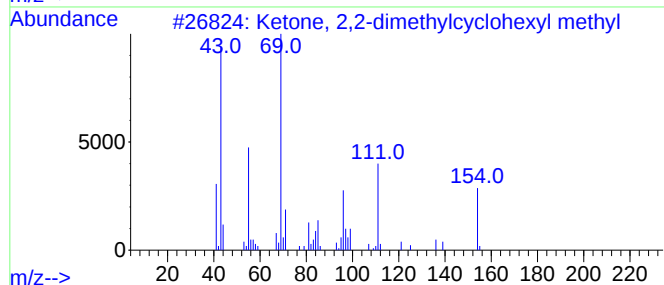
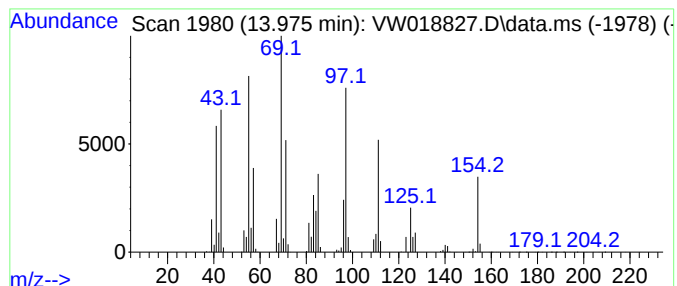
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 unknown-03 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.975	8.76 ug/L	3469050	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	46
2			Cyclopentanecarboxylic acid, cyc...	168	C10H16O2	1000282-76-8	35
3			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	30
4			1-Fluoroadamantane	154	C10H15F	000768-92-3	27
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

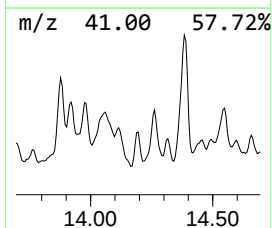
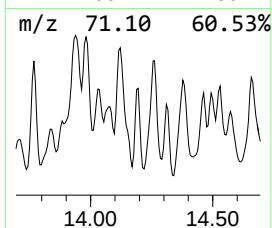
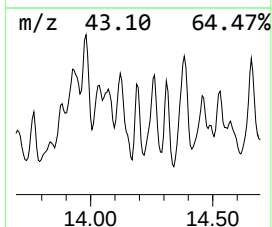
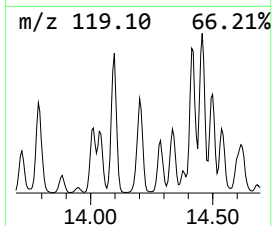
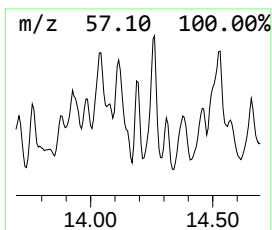
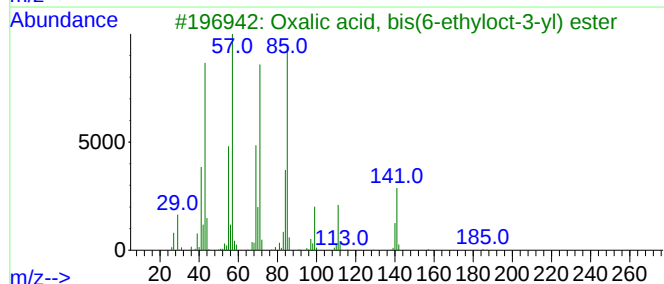
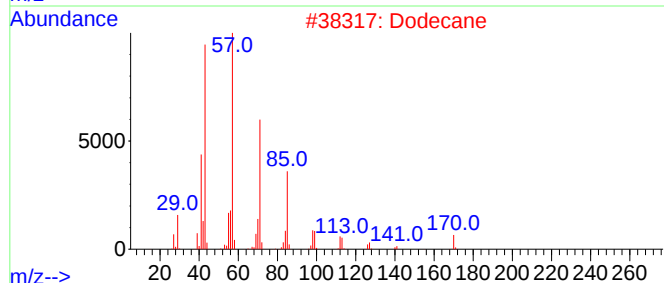
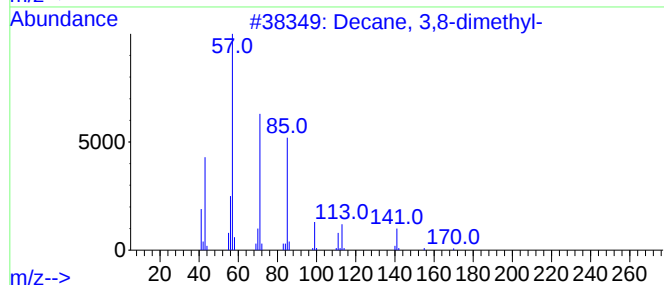
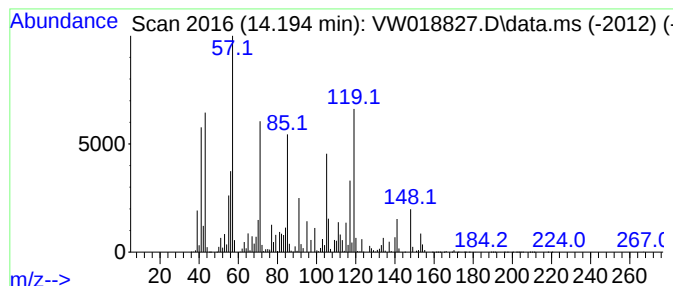
Instrument :
MSVOA_W
ClientSampleId :
BG585

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.195	12.24 ug/L	4846420	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
2	Dodecane	170	C12H26	000112-40-3	46
3	Oxalic acid, bis(6-ethyloct-3-yl...)	370	C22H42O4	1000309-34-6	45
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	41
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

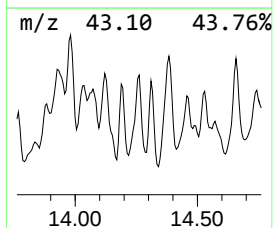
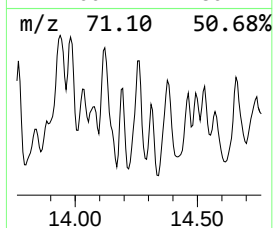
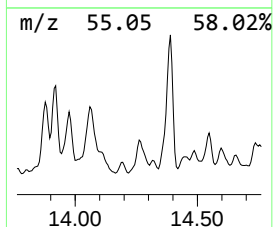
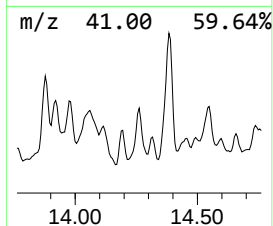
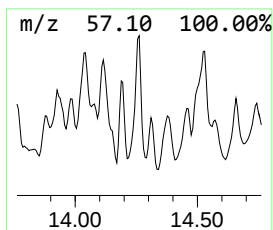
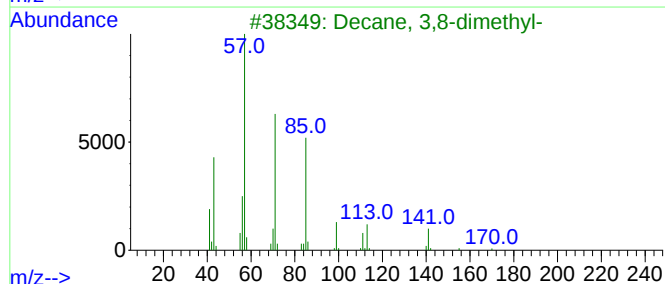
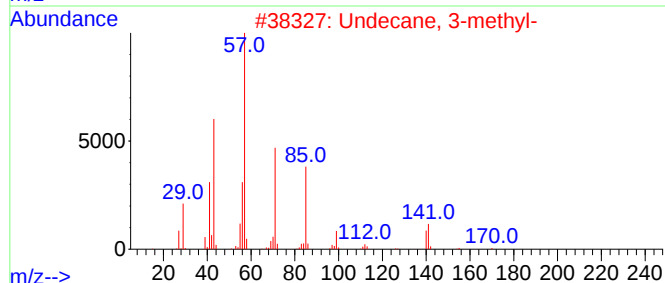
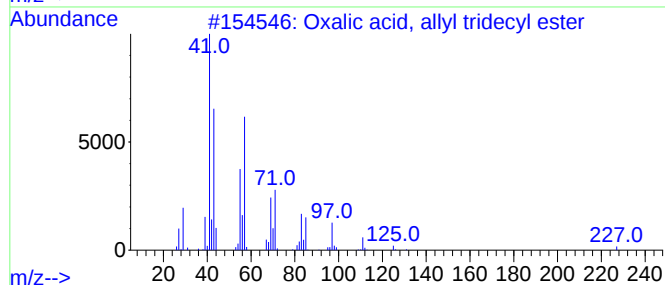
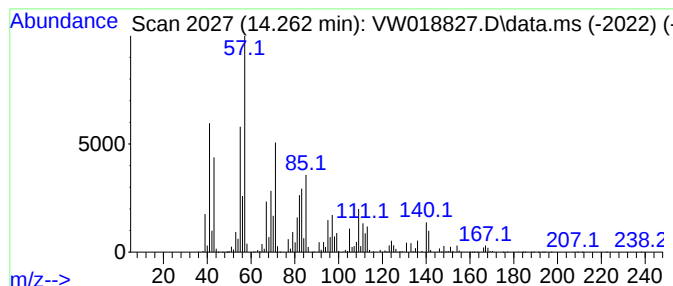
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 Oxalic acid, allyl tridecyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.262	14.21 ug/L	5627890	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, allyl tridecyl ester	312	C18H32O4	1000309-24-1	50
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	50
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	49
4			Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	47
5			Oxalic acid, cyclobutyl tetradec...	340	C20H36O4	1000309-70-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

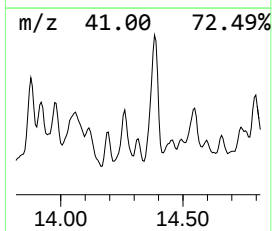
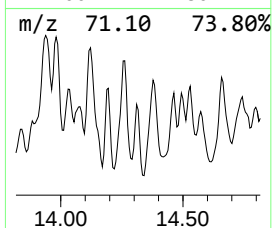
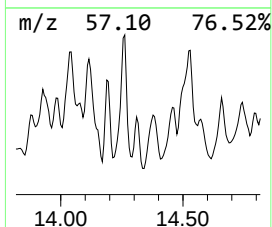
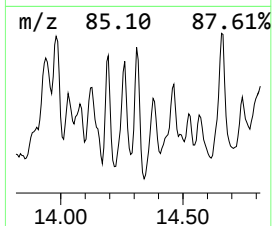
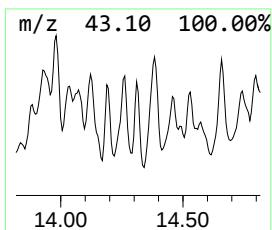
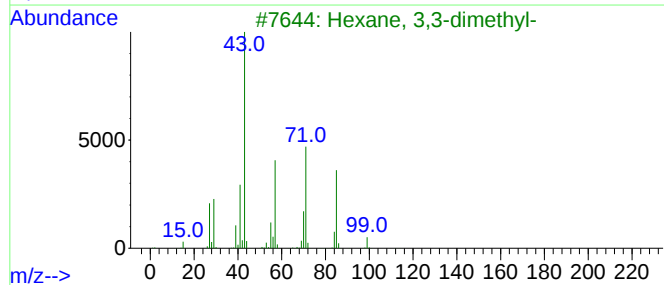
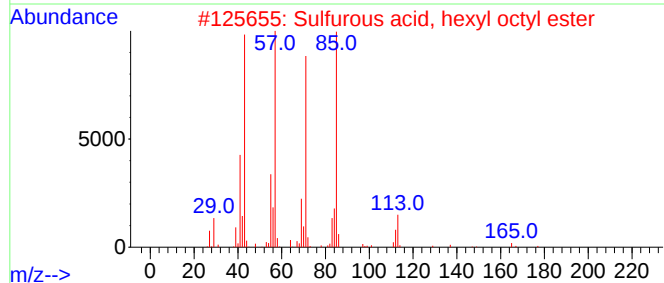
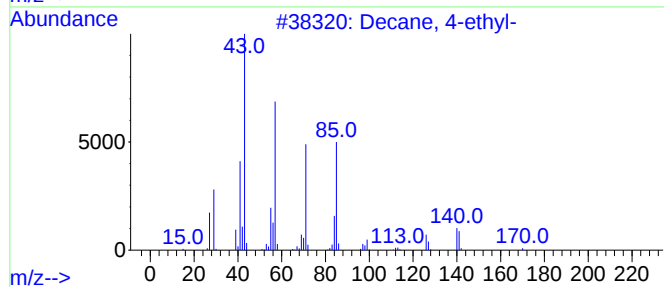
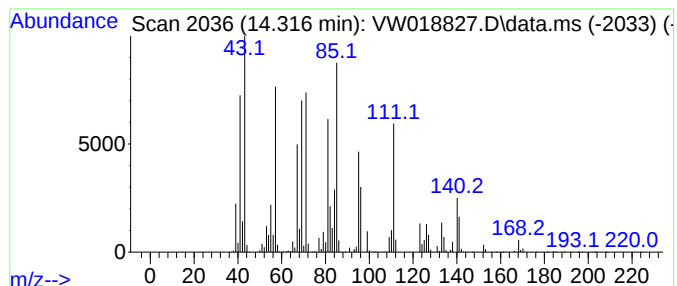
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.316	3.70 ug/L	1464790	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-ethyl-	170	C12H26	001636-44-8	70
2			Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	35
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	35
4			Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	35
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

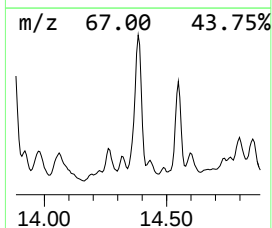
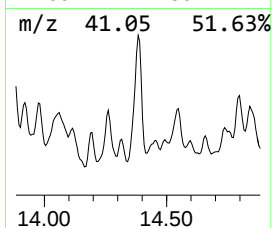
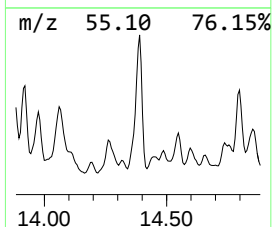
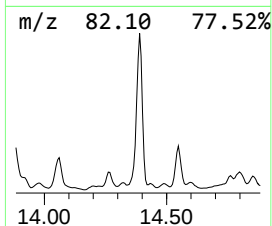
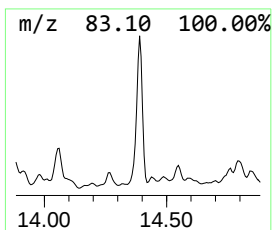
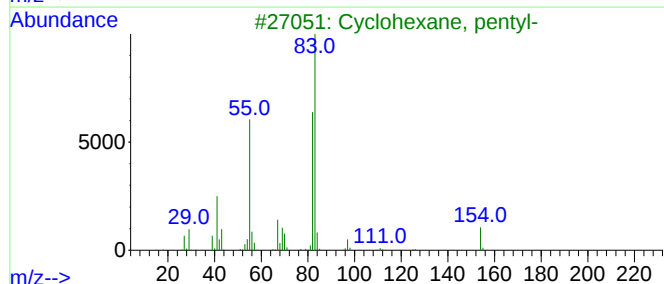
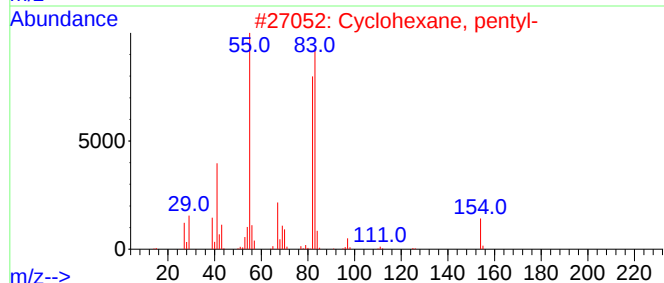
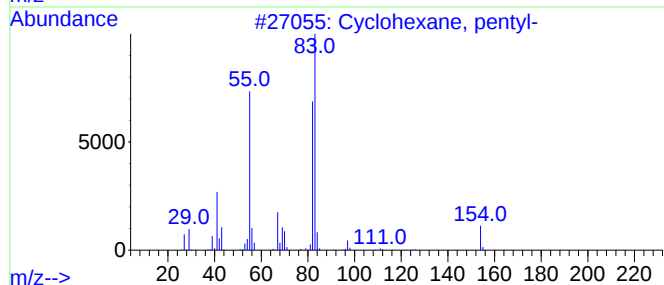
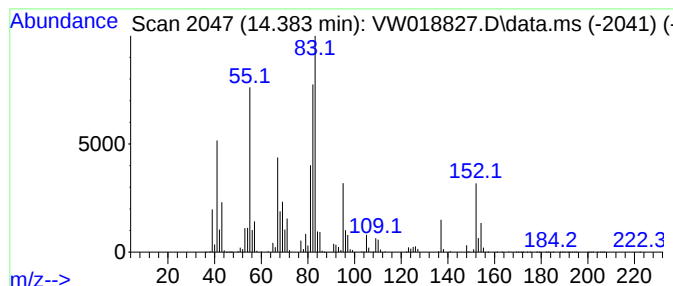
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Cyclic14.383 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	41.68 ug/L	16504300	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
4			Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	53
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

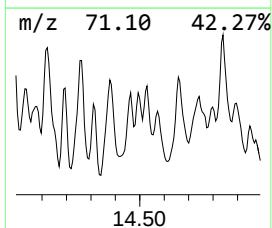
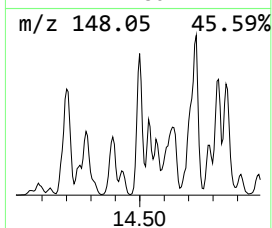
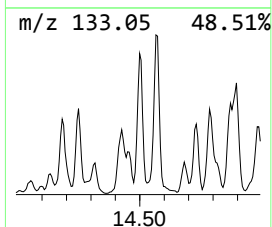
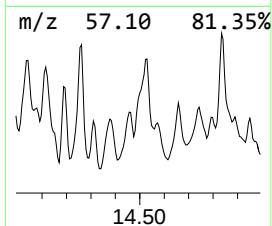
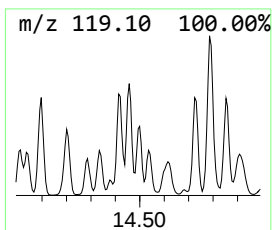
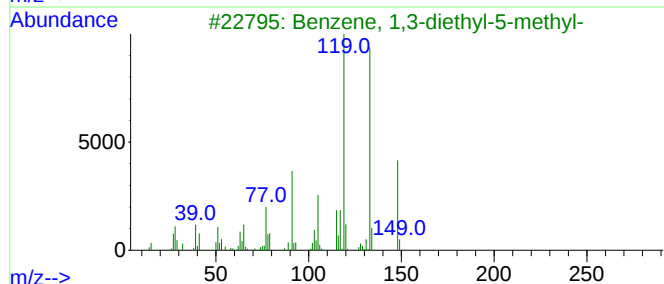
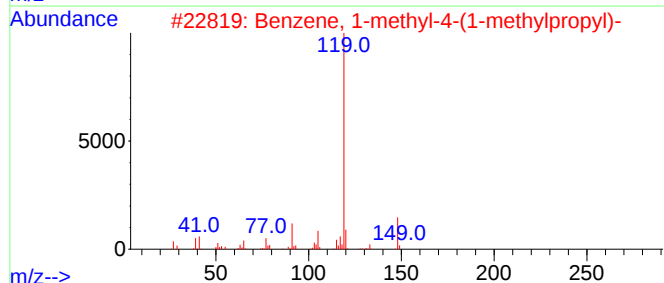
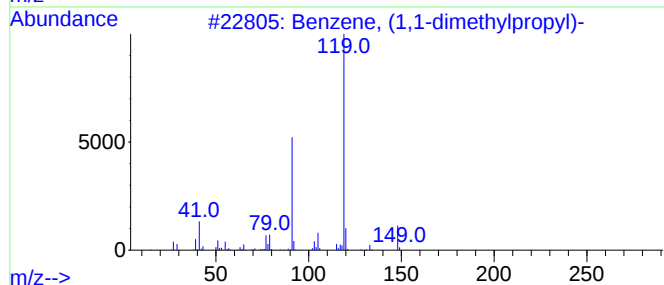
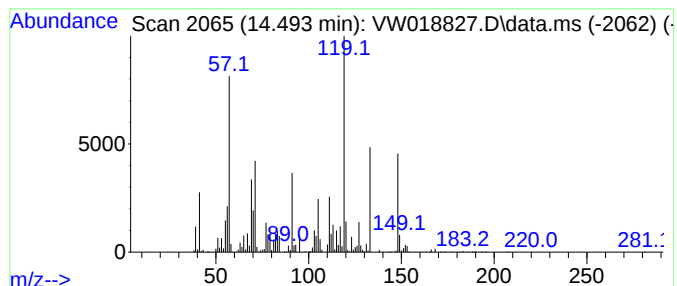
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 Benzene, (1,1-dimethylpropyl)- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	4.81 ug/L	1906080	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	49
3			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	43
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
5			4'-Methylpropiophenone	148	C10H12O	005337-93-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

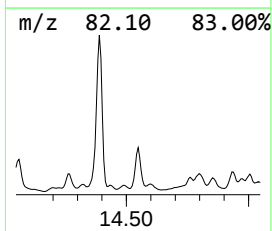
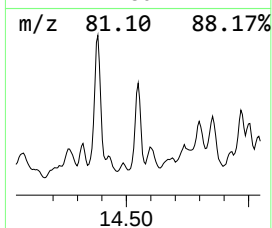
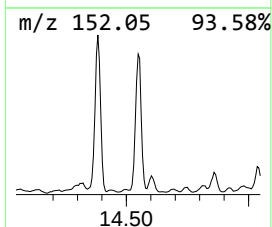
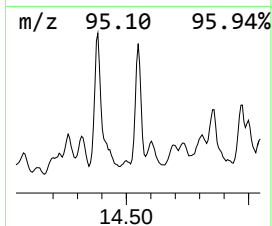
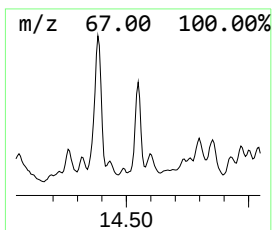
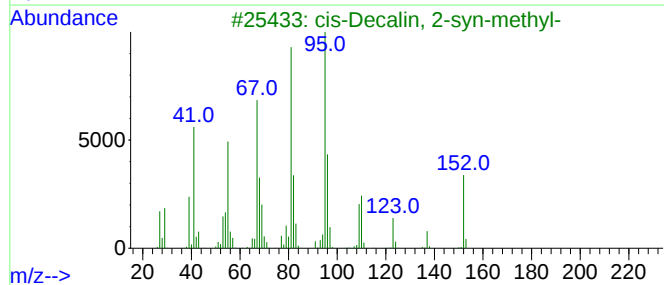
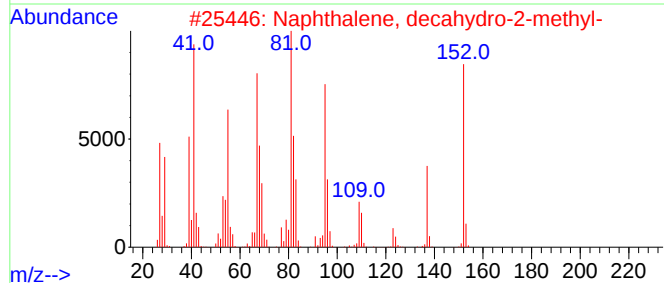
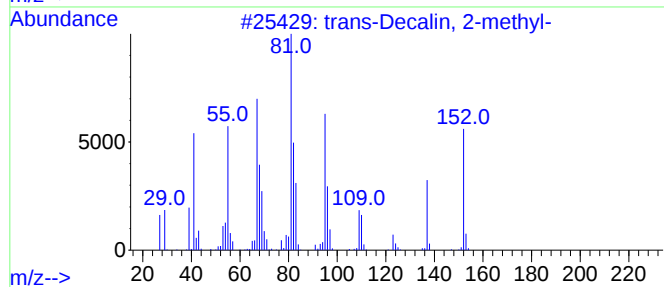
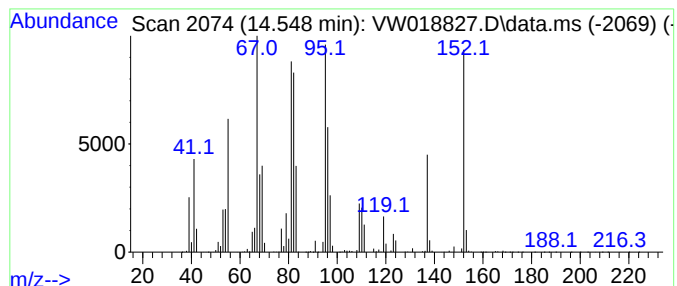
Instrument :
MSVOA_W
ClientSampleId :
BG585

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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 trans-Decalin, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.548	15.41 ug/L	6103340	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-		152	C11H20	1000152-47-3	90
2	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	76
3	cis-Decalin, 2-syn-methyl-		152	C11H20	1000155-85-6	76
4	trans-4a-Methyl-decahydronaphtha...		152	C11H20	002547-27-5	70
5	1H-Indene, octahydro-, cis-		124	C9H16	004551-51-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

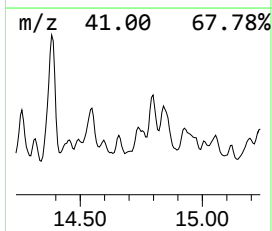
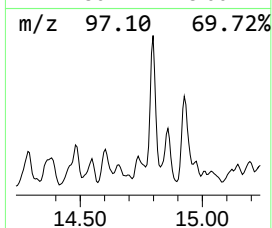
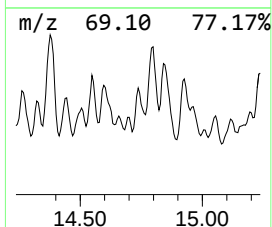
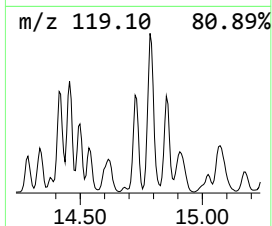
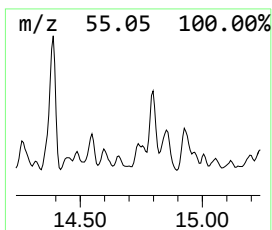
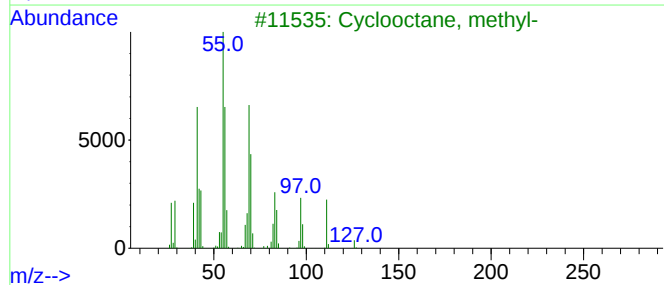
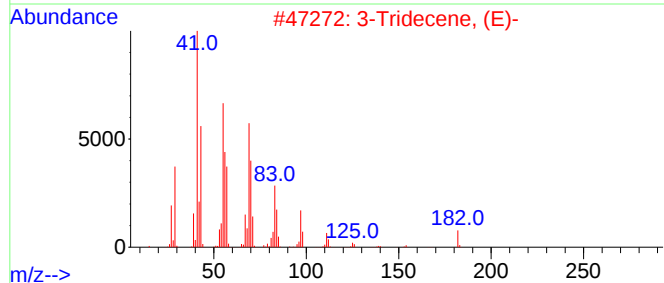
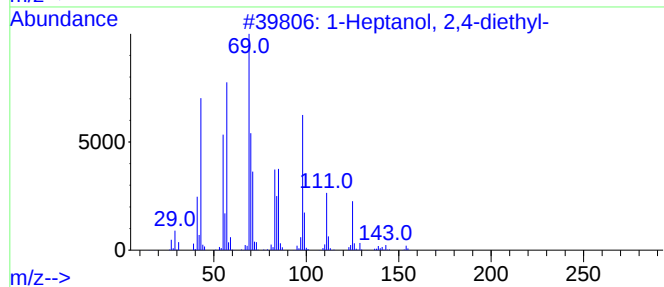
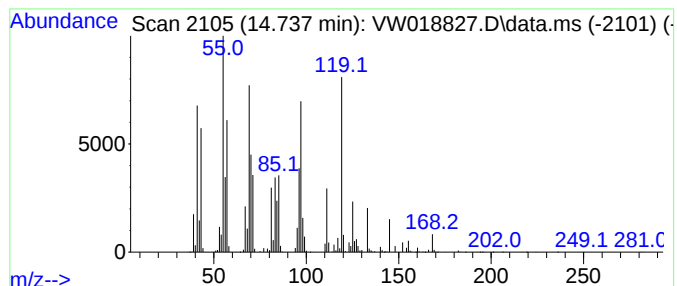
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 unknown-04

Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.737	7.44 ug/L	2945680	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptanol, 2,4-diethyl-	172	C11H24O	080192-55-8	38
2			3-Tridecene, (E)-	182	C13H26	041446-57-5	35
3			Cyclooctane, methyl-	126	C9H18	001502-38-1	35
4			2-Dodecene, (Z)-	168	C12H24	007206-26-0	30
5			Cyclooctane, methyl-	126	C9H18	001502-38-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

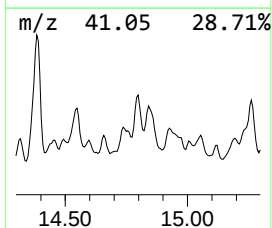
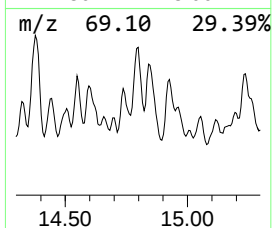
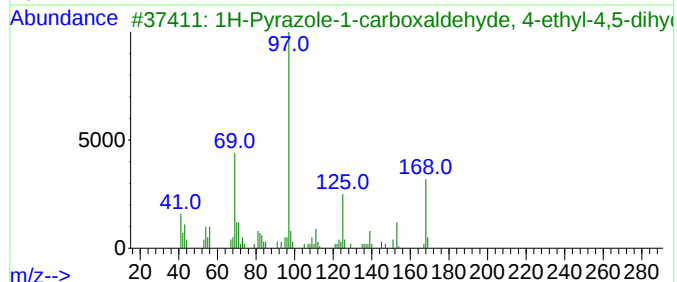
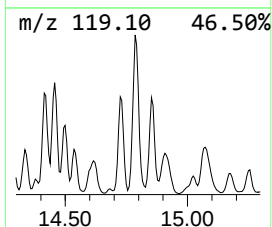
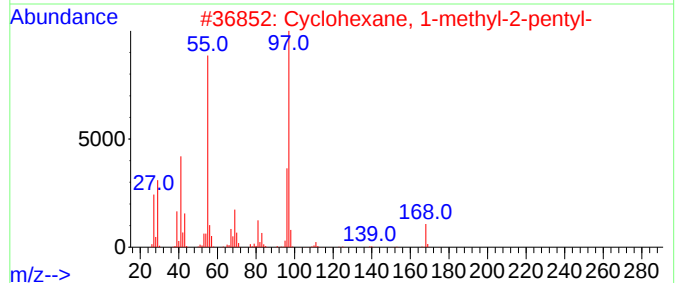
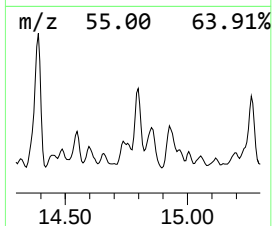
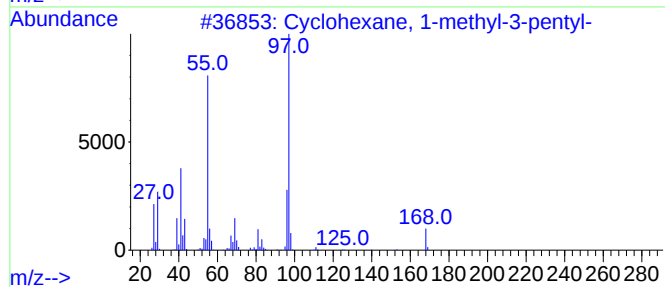
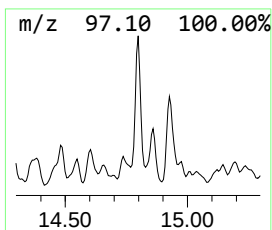
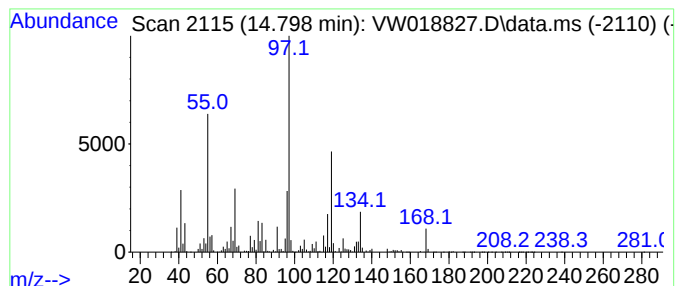
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 (DEL) Alkane: Cyclic14.798 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	19.99 ug/L	7914040	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	49
2			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	46
3			1H-Pyrazole-1-carboxaldehyde, 4-...	168	C9H16N2O	054411-09-5	45
4			Succinic acid, di(2-methylcycloh...	310	C18H30O4	1000329-83-0	43
5			Cyclohexane, 1-methyl-4-(1-methy...	168	C12H24	054411-00-6	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

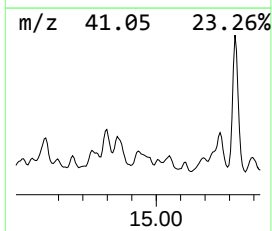
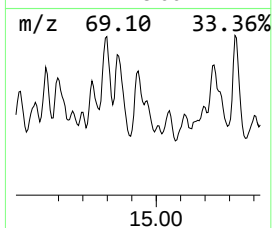
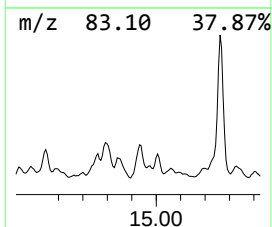
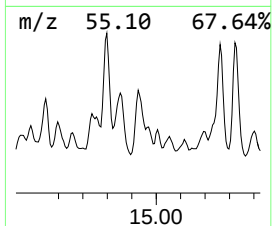
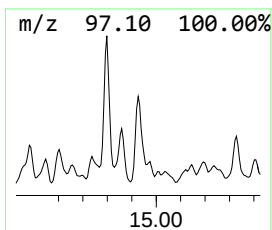
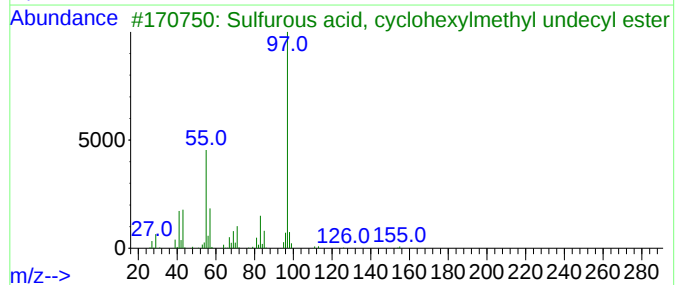
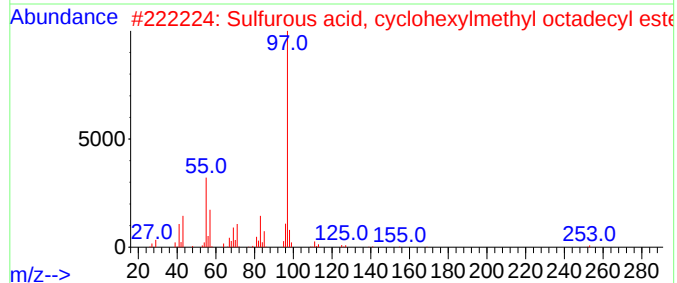
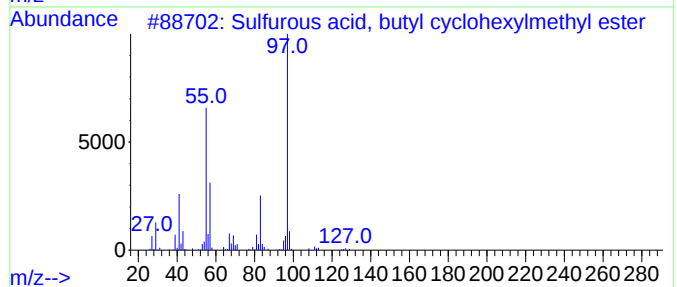
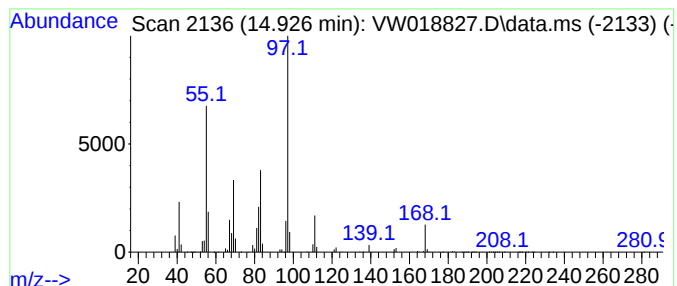
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 Sulfurous acid, butyl cyclo... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.926	4.03 ug/L	1594010	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	59
2			Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	59
3			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	59
4			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	53
5			Cyclohexane, 1-methyl-4-(1-methy...	168	C12H24	054411-00-6	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

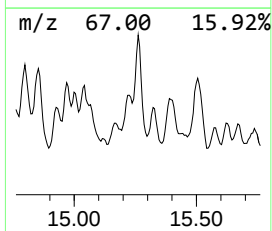
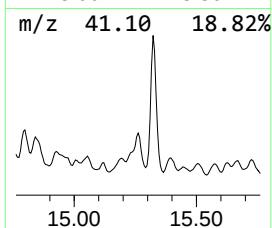
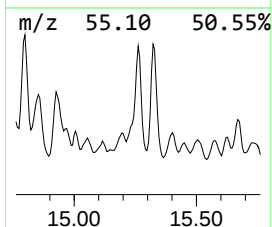
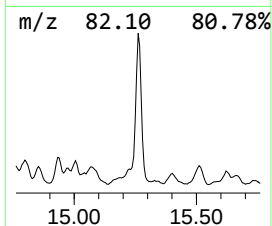
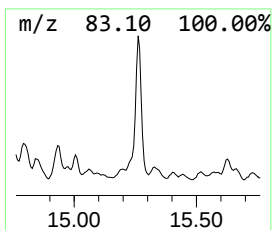
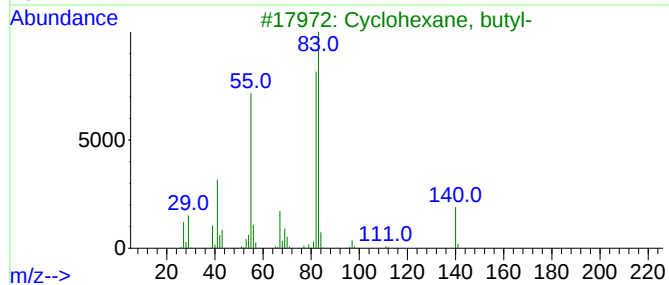
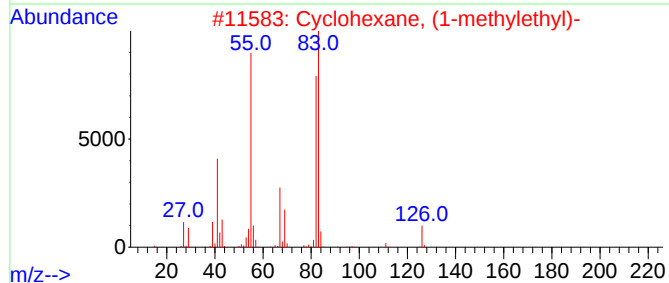
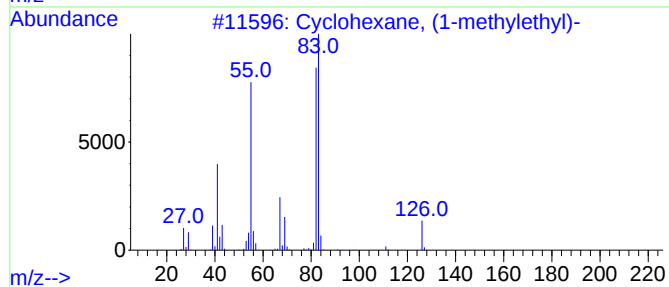
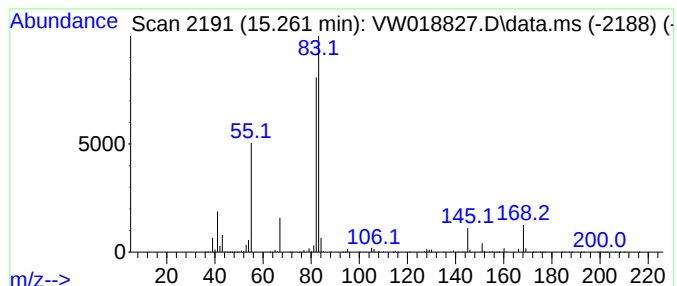
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 (DEL) Alkane: Cyclic15.261 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.261	14.27 ug/L	5651810	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4			Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
5			(E)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	1000373-74-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

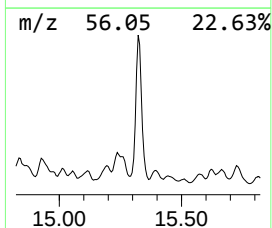
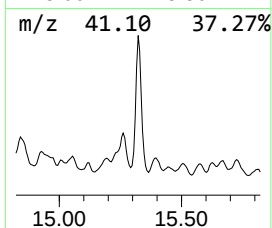
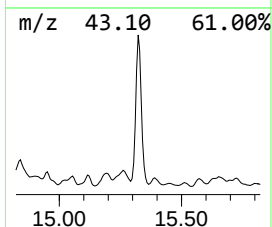
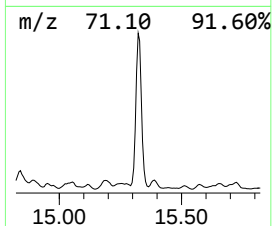
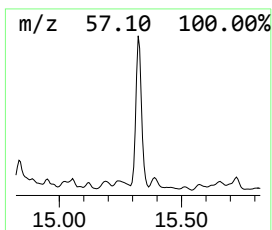
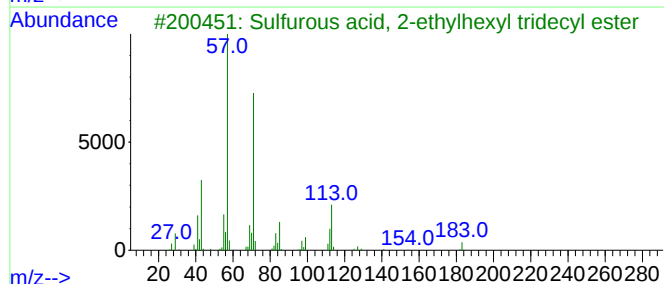
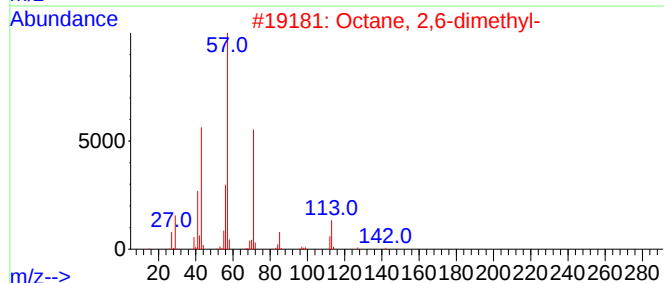
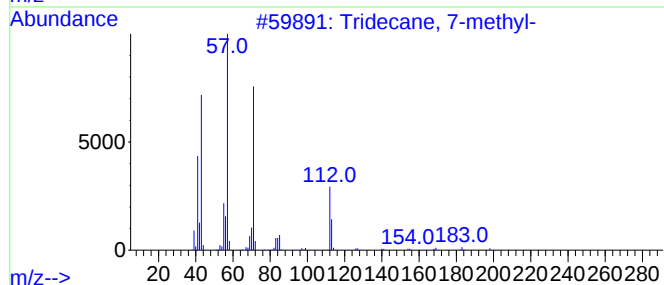
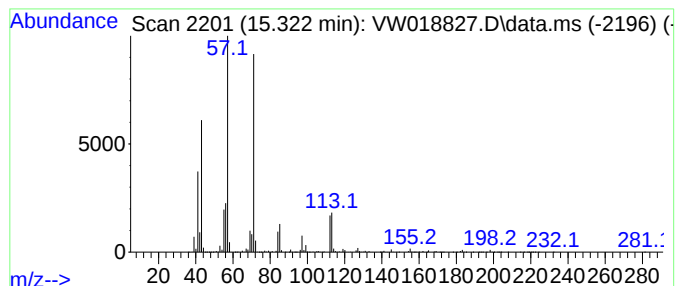
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	47.17 ug/L	18675600	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	90
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	80
4			Decane, 2-methyl-	156	C11H24	006975-98-0	78
5			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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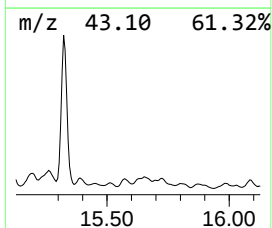
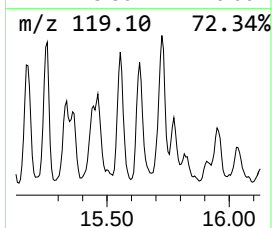
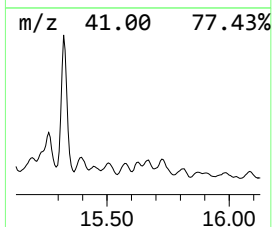
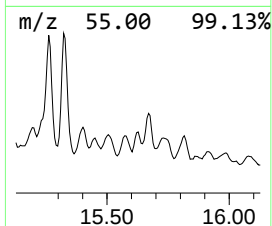
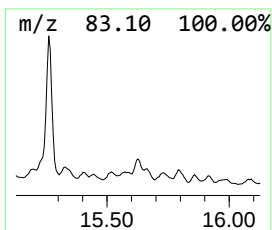
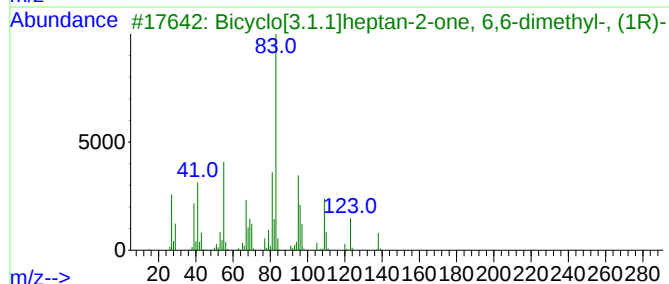
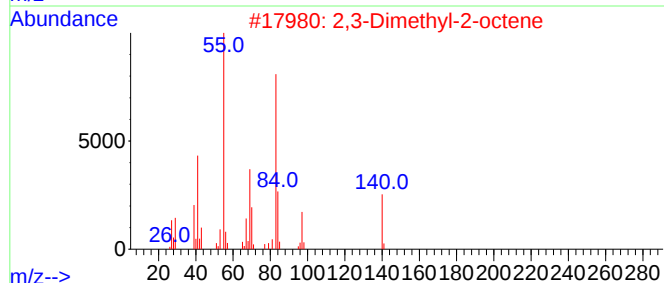
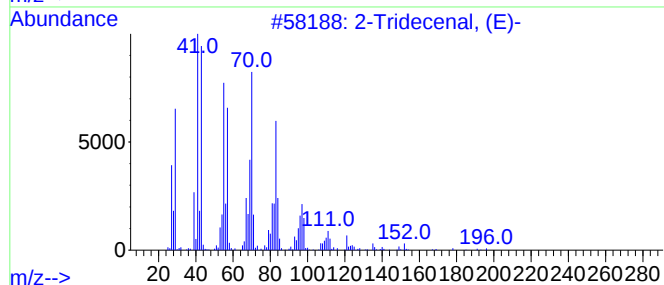
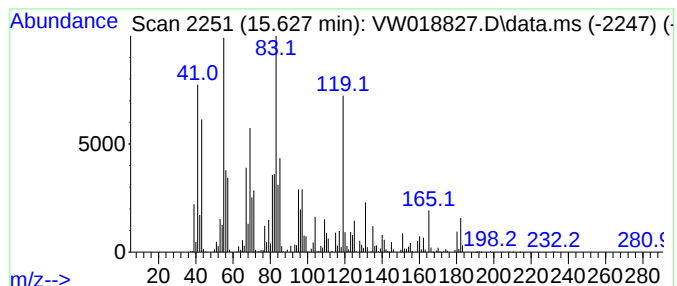
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 unknown-05 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	4.43 ug/L	1755160	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tridecenal, (E)-			196	C13H24O	007069-41-2	38
2	2,3-Dimethyl-2-octene			140	C10H20	019781-18-1	35
3	Bicyclo[3.1.1]heptan-2-one, 6,6-...			138	C9H14O	038651-65-9	35
4	Cyclohexane, 2-propenyl-			124	C9H16	002114-42-3	30
5	Oxirane, tridecyl-			226	C15H30O	018633-25-5	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

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Quant Title : SFAM01.0

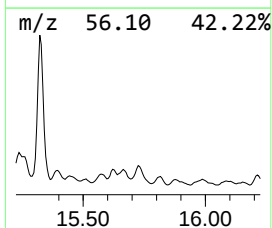
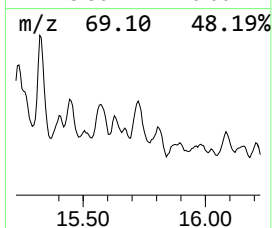
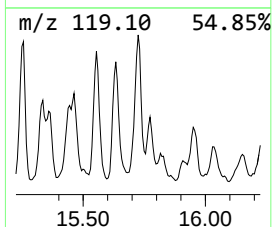
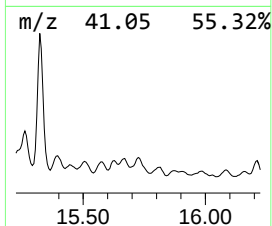
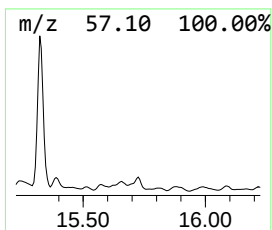
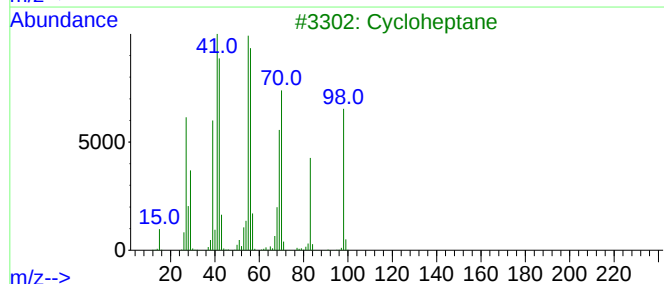
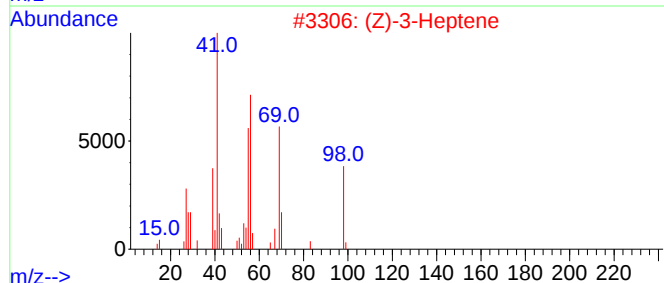
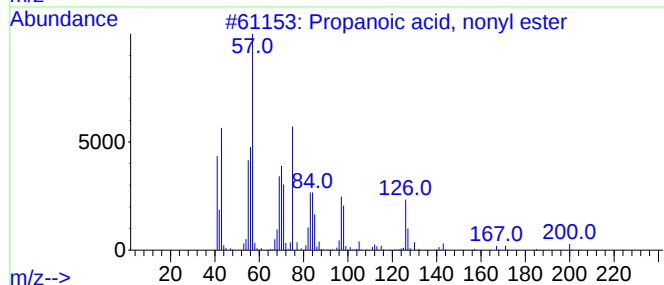
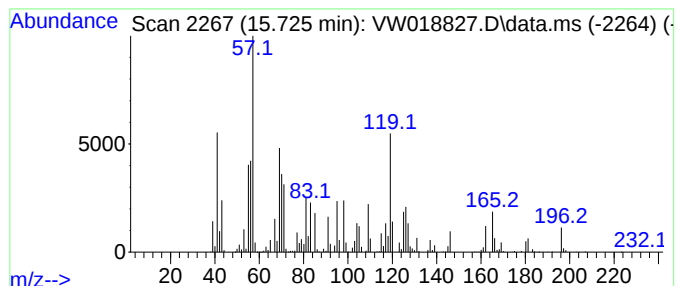
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 unknown-06

Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.725	8.27 ug/L	3273620	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, nonyl ester	200	C12H24O2	053184-67-1	30
2			(Z)-3-Heptene	98	C7H14	007642-10-6	18
3			Cycloheptane	98	C7H14	000291-64-5	14
4			3-Heptene	98	C7H14	000592-78-9	14
5			trans-7-Methyl-3-octene	126	C9H18	1000113-52-8	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

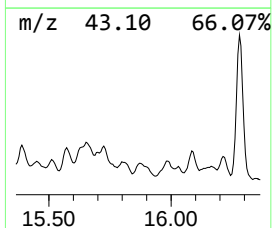
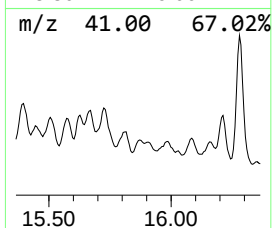
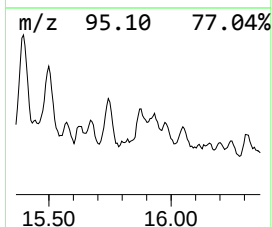
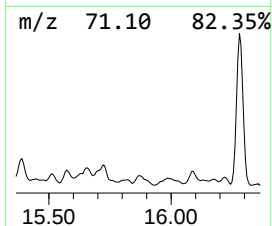
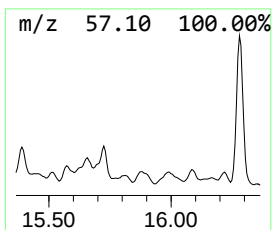
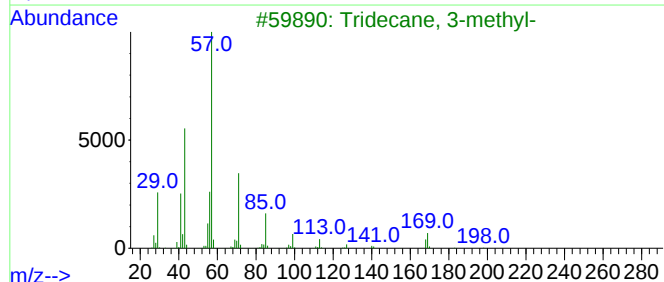
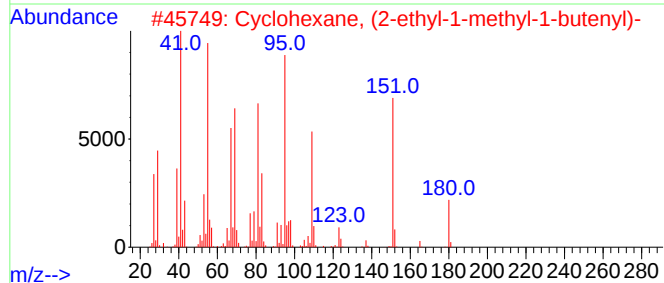
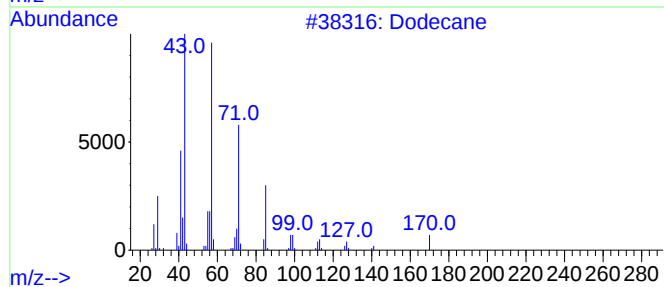
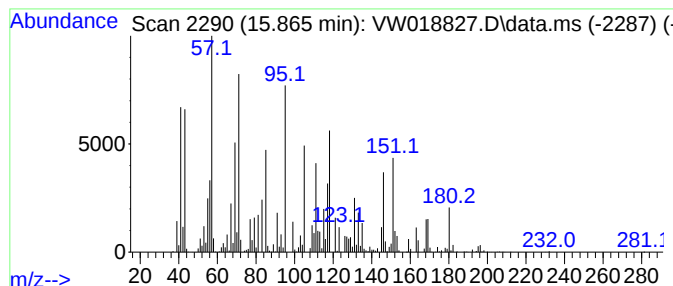
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.865	2.54 ug/L	1007480	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	35
2		Cyclohexane, (2-ethyl-1-methyl-1...	180	C13H24	074810-42-7	25
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	20
4		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	18
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

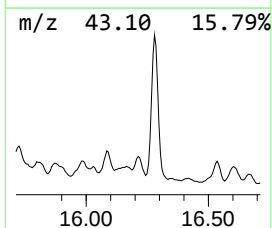
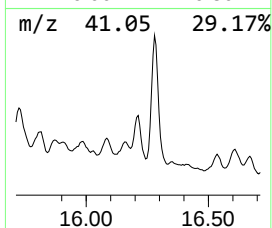
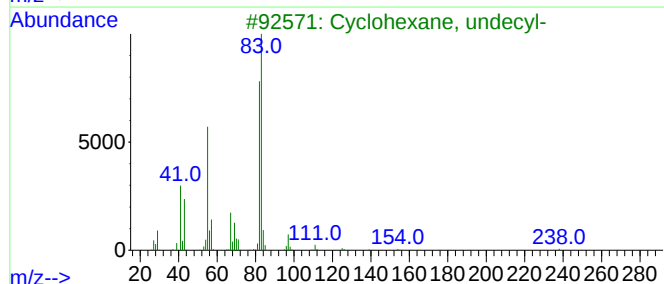
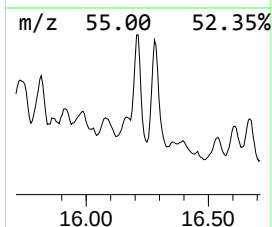
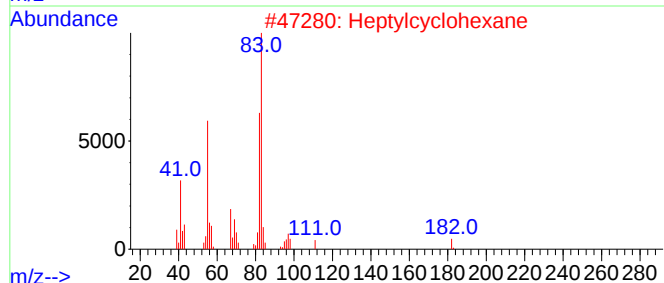
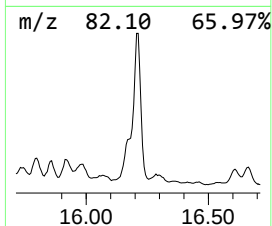
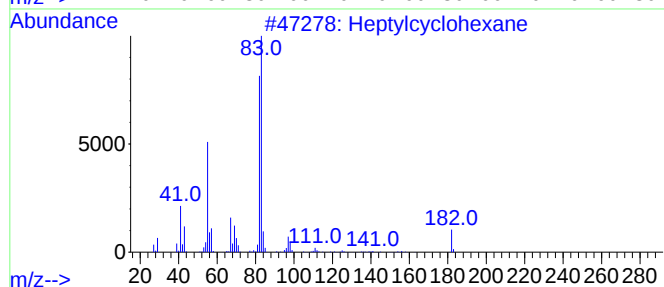
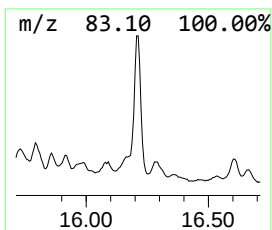
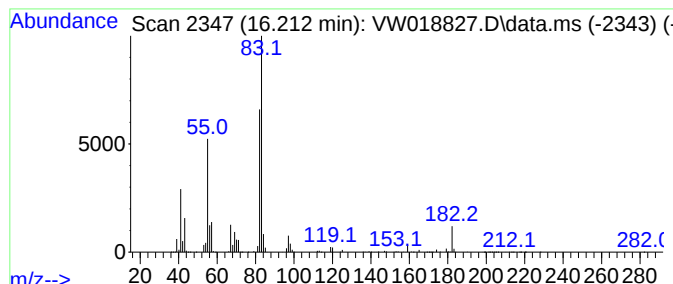
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 (DEL) Alkane: Cyclic16.212 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.212	6.85 ug/L	2713200	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	96
2			Heptylcyclohexane	182	C13H26	005617-41-4	91
3			Cyclohexane, undecyl-	238	C17H34	054105-66-7	87
4			Cyclohexane, decyl-	224	C16H32	001795-16-0	86
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018827.D
Acq On : 28 Apr 2021 17:55
Operator : SY/VA
Sample : M2177-15
Misc : 3.27G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG585

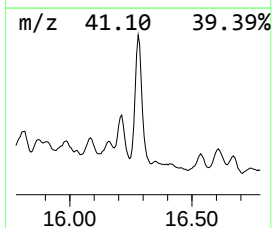
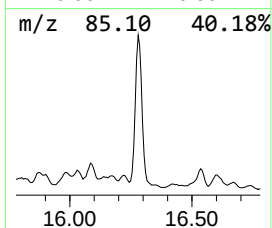
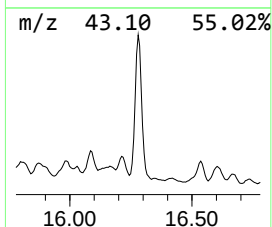
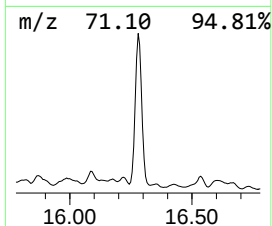
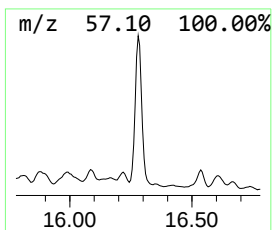
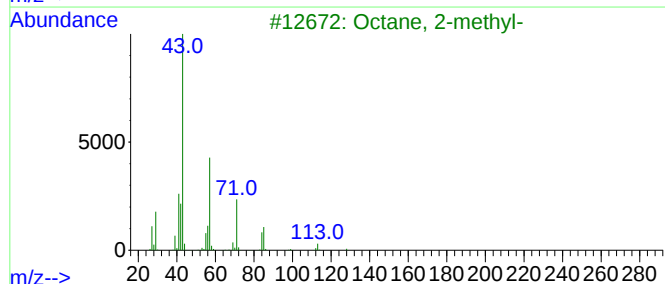
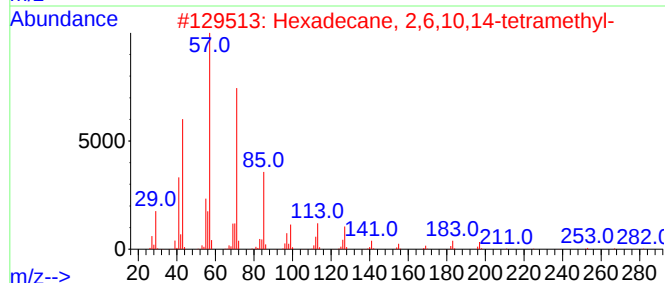
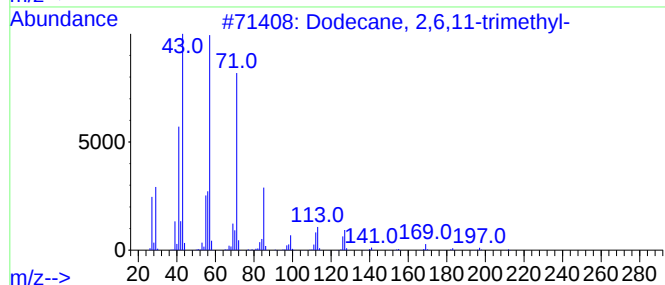
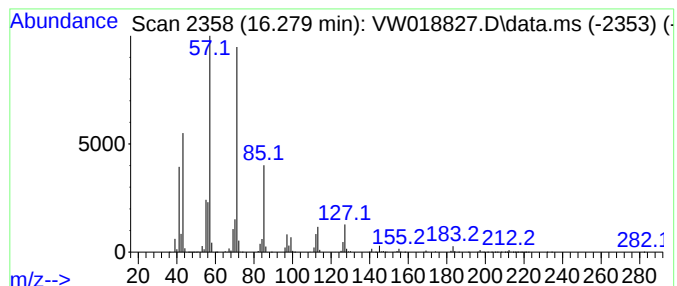
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	22.96 ug/L	9091580	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3		Octane, 2-methyl-	128	C9H20	003221-61-2	87
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018827.D
 Acq On : 28 Apr 2021 17:55
 Operator : SY/VA
 Sample : M2177-15
 Misc : 3.27G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG585

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	5.946	1.3	ug/L	53916	1	8.842	1021870	25.0
(DEL) Alkane: S...	8.482	10.5	ug/L	430519	1	8.842	1021870	25.0
(DEL) Alkane: S...	9.073	2.2	ug/L	89373	1	8.842	1021870	25.0
(DEL) Alkane: C...	9.610	1.6	ug/L	65711	1	8.842	1021870	25.0
(DEL) Alkane: S...	9.762	9.6	ug/L	392321	1	8.842	1021870	25.0
(DEL) Alkane: S...	9.896	9.8	ug/L	399464	1	8.842	1021870	25.0
(DEL) Alkane: S...	10.079	1.4	ug/L	55163	1	8.842	1021870	25.0
(DEL) Alkane: S...	10.128	1.6	ug/L	66415	1	8.842	1021870	25.0
(DEL) Alkane: S...	10.250	10.4	ug/L	446403	2	11.634	1078440	25.0
(DEL) Alkane: C...	10.500	5.7	ug/L	244126	2	11.634	1078440	25.0
(DEL) Alkane: C...	10.665	6.3	ug/L	269764	2	11.634	1078440	25.0
(DEL) Alkane: C...	10.768	7.3	ug/L	314608	2	11.634	1078440	25.0
(DEL) Alkane: S...	10.848	5.4	ug/L	234255	2	11.634	1078440	25.0
(DEL) Alkane: S...	11.037	17.6	ug/L	761156	2	11.634	1078440	25.0
(DEL) Alkane: C...	11.110	6.6	ug/L	285119	2	11.634	1078440	25.0
(DEL) Alkane: C...	11.177	22.6	ug/L	976592	2	11.634	1078440	25.0
(DEL) Alkane: C...	11.232	18.8	ug/L	808709	2	11.634	1078440	25.0
(DEL) Alkane: C...	11.286	2.6	ug/L	111233	2	11.634	1078440	25.0
(DEL) Alkane: S...	11.341	22.0	ug/L	950007	2	11.634	1078440	25.0
(DEL) Alkane: S...	11.378	5.2	ug/L	225008	2	11.634	1078440	25.0
(DEL) Alkane: C...	11.439	16.0	ug/L	691263	2	11.634	1078440	25.0
(DEL) Alkane: S...	11.506	8.2	ug/L	351902	2	11.634	1078440	25.0
(DEL) Alkane: S...	11.543	2.8	ug/L	119663	2	11.634	1078440	25.0
(DEL) Alkane: C...	11.914	23.8	ug/L	1026570	2	11.634	1078440	25.0
(DEL) Alkane: S...	11.975	8.6	ug/L	372568	2	11.634	1078440	25.0
(DEL) Alkane: S...	12.006	1.6	ug/L	71384	2	11.634	1078440	25.0
(DEL) Alkane: S...	12.067	17.3	ug/L	746604	2	11.634	1078440	25.0
(DEL) Alkane: S...	12.250	106.9	ug/L	4611810	2	11.634	1078440	25.0
(DEL) Alkane: S...	12.366	293.3	ug/L	12651100	2	11.634	1078440	25.0
(DEL) Alkane: S...	12.591	120.8	ug/L	5210100	2	11.634	1078440	25.0
(DEL) Alkane: S...	12.750	1.9	ug/L	741443	3	13.560	9898990	25.0
unknown-01	12.780	9.5	ug/L	3775120	3	13.560	9898990	25.0
(DEL) Alkane: C...	12.859	7.5	ug/L	2949080	3	13.560	9898990	25.0
(DEL) Alkane: C...	13.079	8.5	ug/L	3357860	3	13.560	9898990	25.0
(DEL) Alkane: S...	13.188	10.1	ug/L	4002800	3	13.560	9898990	25.0
(DEL) Alkane: S...	13.347	6.2	ug/L	2466770	3	13.560	9898990	25.0
unknown-02	13.378	4.2	ug/L	1647680	3	13.560	9898990	25.0
(DEL) Alkane: S...	13.414	11.3	ug/L	4470900	3	13.560	9898990	25.0
(DEL) Alkane: C...	13.445	24.3	ug/L	9602100	3	13.560	9898990	25.0
(DEL) Alkane: S...	13.481	5.6	ug/L	2234030	3	13.560	9898990	25.0
(DEL) Alkane: C...	13.701	8.4	ug/L	3338290	3	13.560	9898990	25.0
Sulfurous acid,...	13.920	12.6	ug/L	4991960	3	13.560	9898990	25.0
unknown-03	13.975	8.8	ug/L	3469050	3	13.560	9898990	25.0
(DEL) Alkane: S...	14.195	12.2	ug/L	4846420	3	13.560	9898990	25.0
Oxalic acid, al...	14.262	14.2	ug/L	5627890	3	13.560	9898990	25.0
(DEL) Alkane: S...	14.316	3.7	ug/L	1464790	3	13.560	9898990	25.0
(DEL) Alkane: C...	14.383	41.7	ug/L	16504300	3	13.560	9898990	25.0
Benzene, (1,1-d...	14.493	4.8	ug/L	1906080	3	13.560	9898990	25.0
trans-Decalin, ...	14.548	15.4	ug/L	6103340	3	13.560	9898990	25.0
unknown-04	14.737	7.4	ug/L	2945680	3	13.560	9898990	25.0
(DEL) Alkane: C...	14.798	20.0	ug/L	7914040	3	13.560	9898990	25.0
Sulfurous acid,...	14.926	4.0	ug/L	1594010	3	13.560	9898990	25.0

(DEL) Alkane: C...	15.261	14.3	ug/L	5651810	3	13.560	9898990	25.0
(DEL) Alkane: S...	15.322	47.2	ug/L	18675600	3	13.560	9898990	25.0
unknown-05	15.627	4.4	ug/L	1755160	3	13.560	9898990	25.0
unknown-06	15.725	8.3	ug/L	3273620	3	13.560	9898990	25.0
(DEL) Alkane: S...	15.865	2.5	ug/L	1007480	3	13.560	9898990	25.0
(DEL) Alkane: C...	16.212	6.8	ug/L	2713200	3	13.560	9898990	25.0
(DEL) Alkane: S...	16.279	23.0	ug/L	9091580	3	13.560	9898990	25.0

Instrument :
MSVOA_W
ClientSampleId :
BG585