

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018709.D
 Acq On : 21 Apr 2021 13:58
 Operator : SY/VA
 Sample : M2065-14
 Misc : 3.49G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG567

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: VW018709.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	37	42	51	rBV5	11082	30252	0.48%	0.036%
2	2.361	67	75	84	rBV	99148	201915	3.22%	0.242%
3	2.642	117	121	131	rVB6	4317	12779	0.20%	0.015%
4	2.898	153	163	179	rBV	79268	212534	3.38%	0.254%
5	4.019	336	347	359	rBV	145279	441377	7.03%	0.528%
6	4.129	359	365	375	rVV2	12882	37435	0.60%	0.045%
7	4.391	397	408	422	rBV2	22712	74666	1.19%	0.089%
8	4.922	482	495	514	rBV	54571	199156	3.17%	0.238%
9	5.440	572	580	593	rBV5	2674	9651	0.15%	0.012%
10	5.946	654	663	674	rVB3	12161	36651	0.58%	0.044%
11	6.988	828	834	841	rVB6	3612	8687	0.14%	0.010%
12	7.080	841	849	854	rBV	48514	134212	2.14%	0.161%
13	7.141	854	859	875	rVB2	44247	131526	2.09%	0.157%
14	7.653	930	943	961	rBV	311086	774284	12.33%	0.927%
15	7.958	984	993	1000	rBV4	10759	28854	0.46%	0.035%
16	8.037	1000	1006	1014	rVB3	9441	22069	0.35%	0.026%
17	8.281	1031	1046	1062	rBV2	551049	1718947	27.38%	2.058%
18	8.439	1062	1072	1074	rVV6	8091	22378	0.36%	0.027%
19	8.488	1076	1080	1089	rVV5	9768	30876	0.49%	0.037%
20	8.573	1089	1094	1104	rVV4	9688	21594	0.34%	0.026%
21	8.842	1127	1138	1154	rBV	710622	1405947	22.39%	1.683%
22	9.073	1169	1176	1183	rBV3	15254	34587	0.55%	0.041%
23	9.274	1200	1209	1215	rVV	403833	839063	13.36%	1.004%
24	9.335	1215	1219	1224	rVV2	82864	178573	2.84%	0.214%
25	9.384	1224	1227	1235	rVB2	18373	35706	0.57%	0.043%
26	9.610	1255	1264	1271	rBV3	23172	49943	0.80%	0.060%
27	9.756	1281	1288	1298	rBV2	29205	60640	0.97%	0.073%
28	9.854	1298	1304	1306	rBV2	6777	12887	0.21%	0.015%
29	9.896	1306	1311	1316	rBV3	19310	34540	0.55%	0.041%
30	9.945	1317	1319	1324	rVB5	8106	11406	0.18%	0.014%
31	10.037	1327	1334	1340	rBV	163124	304519	4.85%	0.365%
32	10.128	1346	1349	1355	rVB4	8871	15462	0.25%	0.019%
33	10.207	1357	1362	1366	rBV4	17200	37475	0.60%	0.045%
34	10.250	1366	1369	1374	rVB	27280	42250	0.67%	0.051%
35	10.323	1374	1381	1390	rBV	705068	1294116	20.61%	1.549%
36	10.494	1404	1409	1417	rVB5	23098	61276	0.98%	0.073%

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 Title : SFAM01.0

37	10.579	1417	1423	1428	rBV	99381	187520	2.99%	0.224%
38	10.665	1433	1437	1440	rBV3	21722	34537	0.55%	0.041%
39	10.707	1440	1444	1449	rVB2	55795	94247	1.50%	0.113%
40	10.768	1449	1454	1457	rBV4	24107	44590	0.71%	0.053%

41	10.847	1463	1467	1473	rVB	39741	66301	1.06%	0.079%
42	10.927	1473	1480	1490	rBV3	266965	526030	8.38%	0.630%
43	11.036	1492	1498	1501	rBV	101691	190632	3.04%	0.228%
44	11.110	1507	1510	1514	rBV	31504	47600	0.76%	0.057%
45	11.183	1517	1522	1525	rVV	57829	88984	1.42%	0.107%

46	11.231	1525	1530	1535	rVB	174119	298777	4.76%	0.358%
47	11.286	1535	1539	1543	rBV	33653	46559	0.74%	0.056%
48	11.341	1543	1548	1552	rVV2	102856	173070	2.76%	0.207%
49	11.378	1552	1554	1559	rVB2	43286	60681	0.97%	0.073%
50	11.439	1559	1564	1571	rVB2	124351	214909	3.42%	0.257%

51	11.506	1571	1575	1579	rBV	27236	50899	0.81%	0.061%
52	11.548	1579	1582	1587	rVB5	23935	36634	0.58%	0.044%
53	11.634	1588	1596	1604	rBV	785903	1393709	22.20%	1.668%
54	11.768	1614	1618	1621	rBV2	40793	55994	0.89%	0.067%
55	11.823	1621	1627	1631	rBV3	114919	230518	3.67%	0.276%

56	11.878	1631	1636	1640	rBV	208068	348485	5.55%	0.417%
57	11.975	1647	1652	1654	rBV2	96033	158533	2.52%	0.190%
58	12.006	1654	1657	1661	rVV	69619	95535	1.52%	0.114%
59	12.061	1661	1666	1671	rVB3	178251	325870	5.19%	0.390%
60	12.140	1671	1679	1684	rBV3	474095	1098303	17.49%	1.315%

61	12.189	1684	1687	1690	rVB2	91806	103547	1.65%	0.124%
62	12.250	1690	1697	1702	rVB	1006435	1799794	28.66%	2.154%
63	12.365	1702	1716	1723	rBV4	997531	3158678	50.31%	3.781%
64	12.457	1726	1731	1733	rBV4	172774	305372	4.86%	0.366%
65	12.500	1734	1738	1746	rVB5	554311	1218327	19.40%	1.458%

66	12.567	1746	1749	1751	rBV	33718	34143	0.54%	0.041%
67	12.621	1751	1758	1763	rBV3	347817	640236	10.20%	0.766%
68	12.695	1763	1770	1776	rBV2	570386	1418015	22.58%	1.697%
69	12.780	1780	1784	1790	rVB2	742652	1355994	21.60%	1.623%
70	12.859	1790	1797	1802	rBV6	583850	1421412	22.64%	1.701%

71	12.945	1803	1811	1815	rBV6	925621	2455891	39.11%	2.940%
72	13.079	1824	1833	1837	rBV3	870758	1807300	28.78%	2.163%
73	13.127	1837	1841	1844	rBV3	782700	1251829	19.94%	1.498%
74	13.164	1844	1847	1853	rVB2	580824	1011440	16.11%	1.211%
75	13.262	1861	1863	1864	rBV	157190	143445	2.28%	0.172%

76	13.292	1864	1868	1872	rVB	878126	1198741	19.09%	1.435%
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Smoother: OFF

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 Title : SFAM01.0

77	13.347	1872	1877	1880	rBV2	800772	1183304	18.85%	1.416%
78	13.469	1885	1897	1905	rBV7	1943462	6278778	100.00%	7.516%
79	13.560	1909	1912	1915	rVV	313466	376472	6.00%	0.451%
80	13.694	1929	1934	1939	rBV3	737709	1391001	22.15%	1.665%
81	13.877	1956	1964	1968	rBV4	1568190	3749338	59.71%	4.488%
82	13.920	1968	1971	1976	rVB3	897941	1318138	20.99%	1.578%
83	13.981	1977	1981	1984	rBV4	897803	1389371	22.13%	1.663%
84	14.018	1985	1987	1991	rVV4	367053	558042	8.89%	0.668%
85	14.194	2012	2016	2020	rBV4	722150	1146755	18.26%	1.373%
86	14.261	2023	2027	2033	rVB4	1092258	1791781	28.54%	2.145%
87	14.316	2033	2036	2040	rBV3	429428	599321	9.55%	0.717%
88	14.383	2041	2047	2052	rBV3	2540838	4744340	75.56%	5.679%
89	14.548	2068	2074	2079	rBV5	1179902	2147534	34.20%	2.571%
90	14.658	2089	2092	2096	rVB	524586	635383	10.12%	0.761%
91	14.737	2102	2105	2110	rBV5	514129	855228	13.62%	1.024%
92	14.798	2110	2115	2118	rVV2	1329244	2373856	37.81%	2.841%
93	14.841	2118	2122	2129	rVB4	2062558	3997345	63.66%	4.785%
94	15.121	2165	2168	2172	rBV3	380899	533187	8.49%	0.638%
95	15.322	2197	2201	2208	rVB	3592350	5984710	95.32%	7.164%
96	15.395	2209	2213	2218	rBV4	577617	1160861	18.49%	1.390%
97	15.572	2238	2242	2247	rBV4	440616	894435	14.25%	1.071%
98	15.627	2248	2251	2253	rBV2	367157	501813	7.99%	0.601%
99	15.725	2264	2267	2275	rVB6	1202577	2397423	38.18%	2.870%
100	16.279	2353	2358	2367	rVB	1835082	3773220	60.09%	4.517%

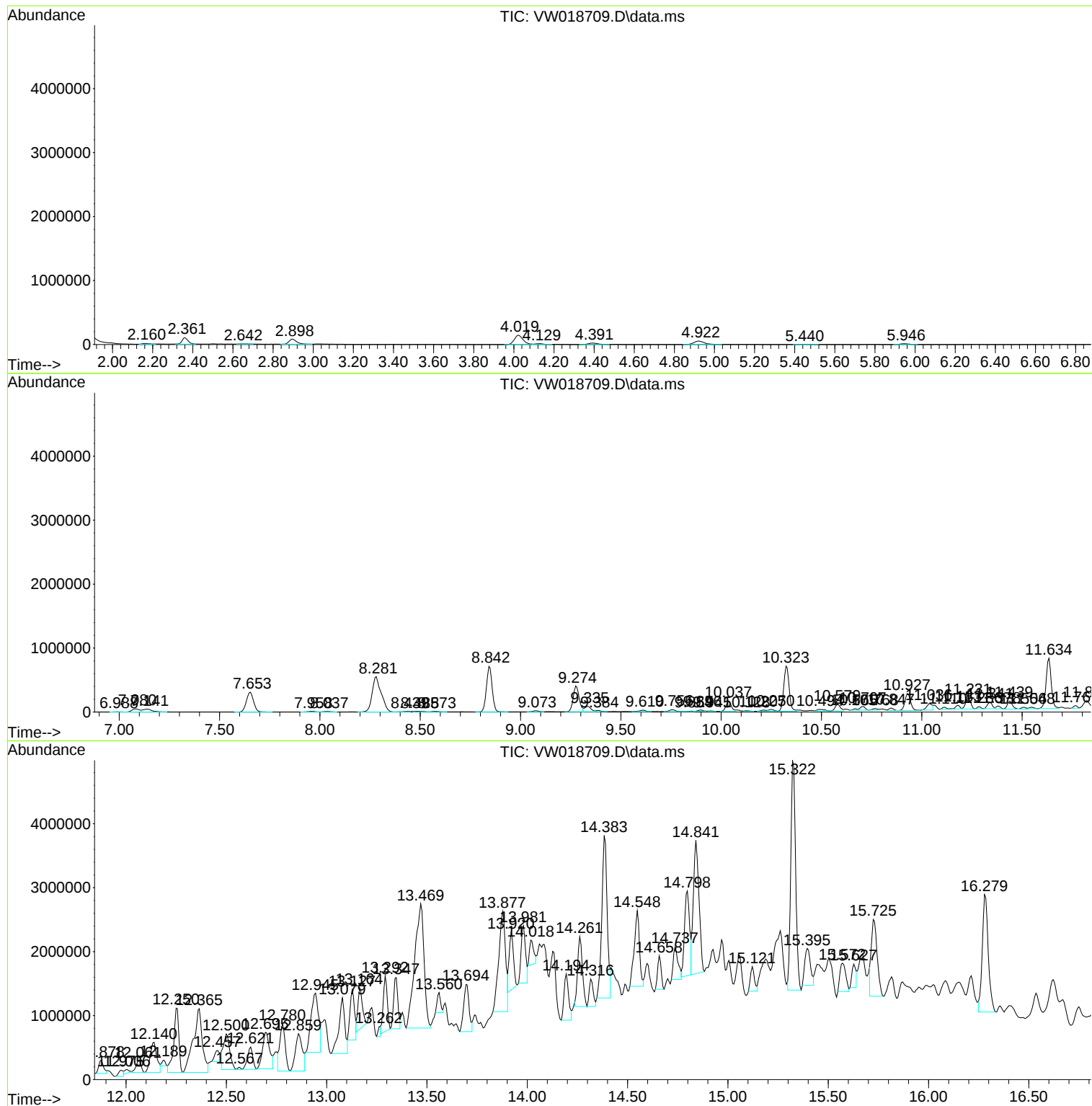
Sum of corrected areas: 83542950

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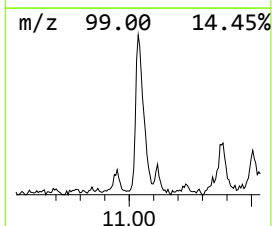
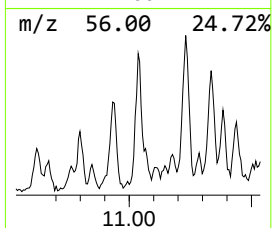
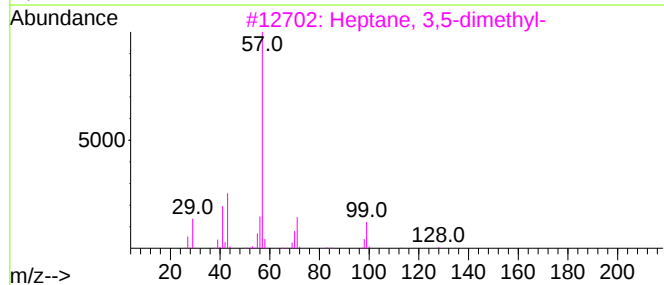
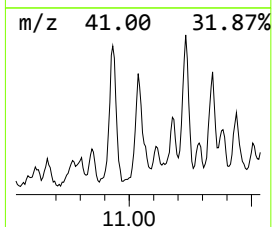
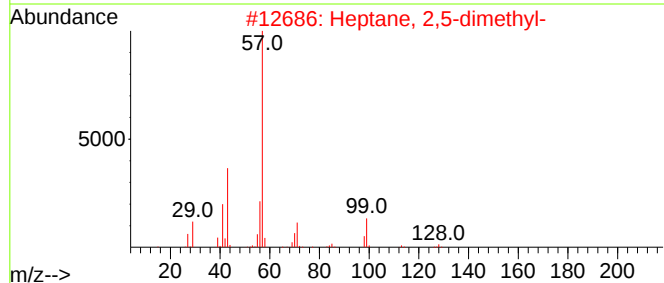
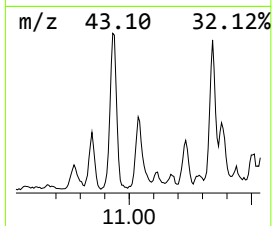
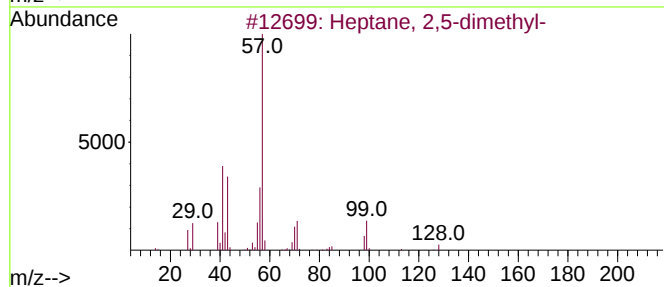
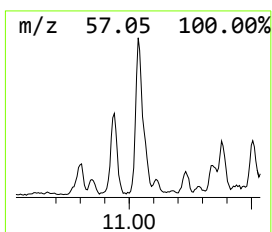
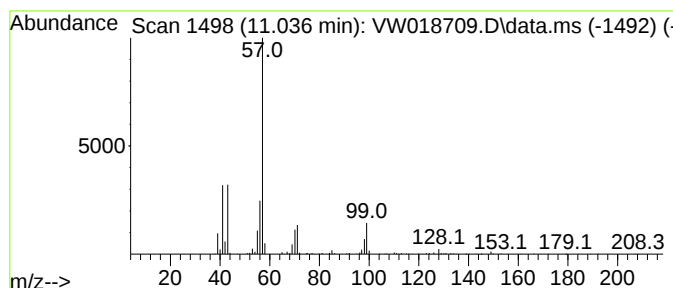
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.036	3.42 ug/L	190632	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
3		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	81
4		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	72
5		Octane, 3-methyl-	128	C9H20	002216-33-3	72



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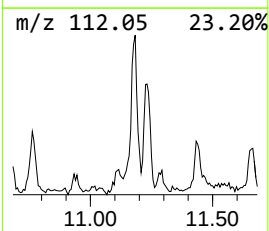
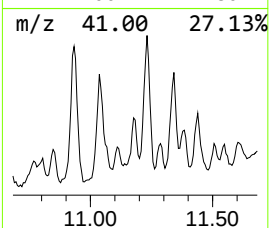
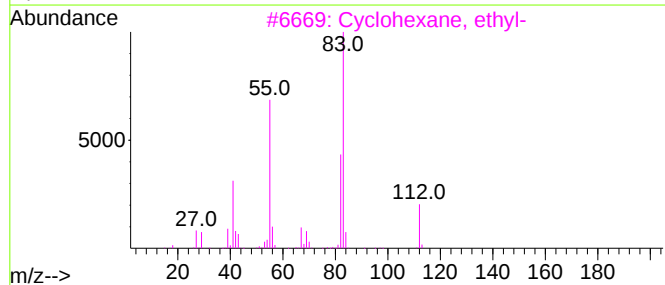
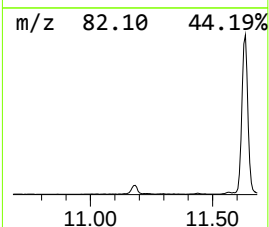
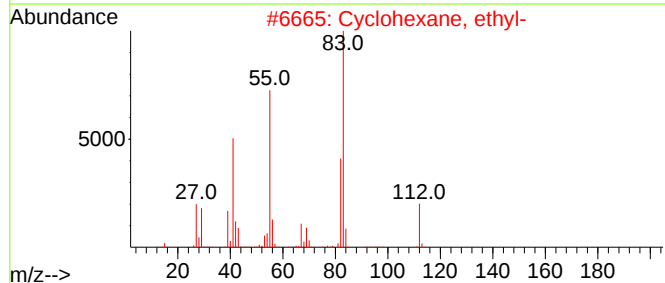
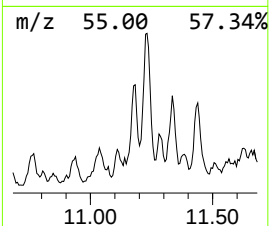
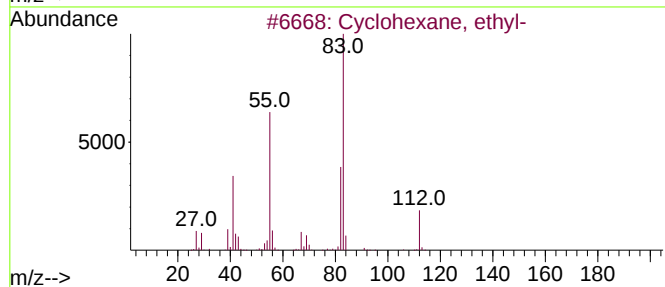
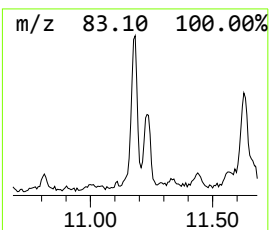
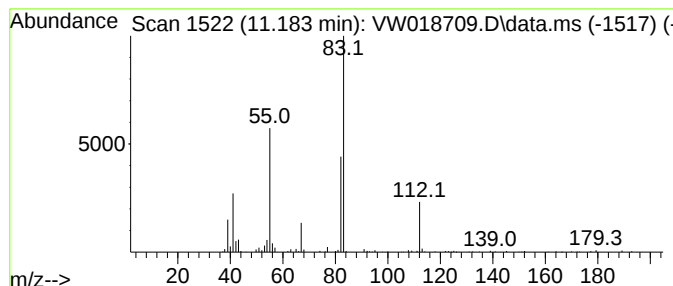
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic11.183 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.183	1.60 ug/L	88984	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	64



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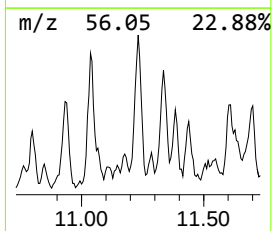
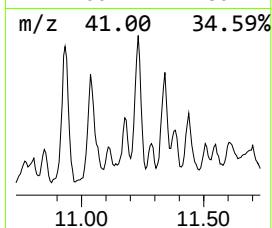
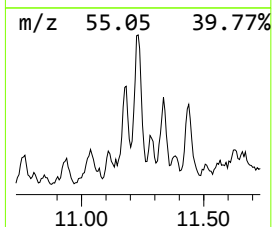
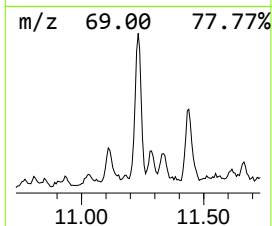
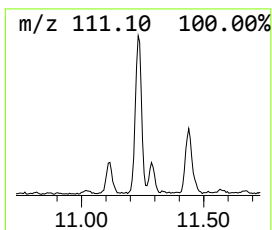
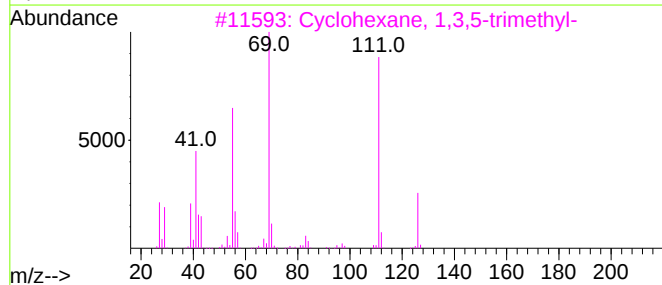
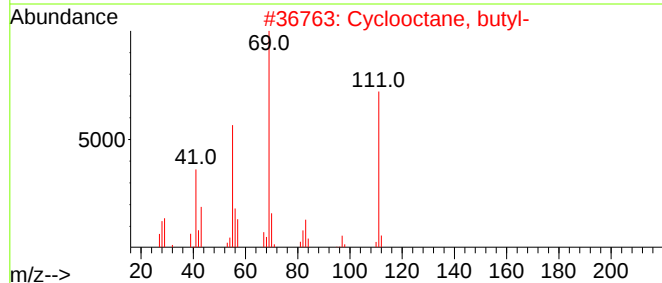
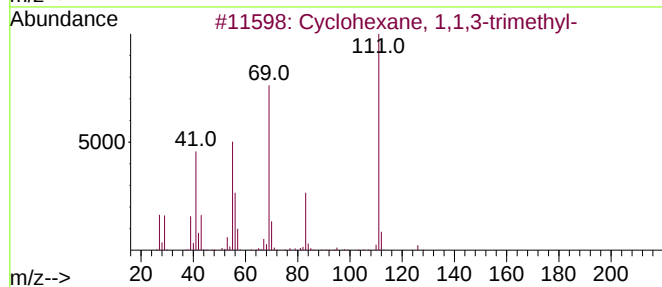
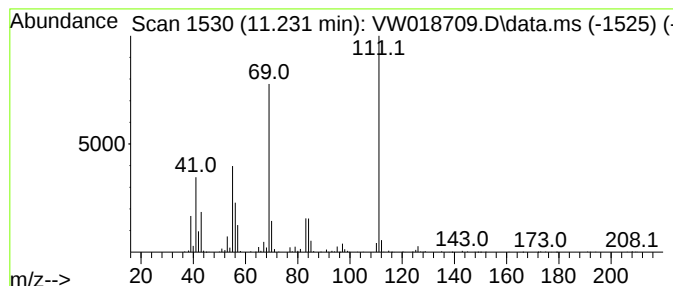
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic11.232 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.232	5.36 ug/L	298777	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2			Cyclooctane, butyl-	168	C12H24	016538-93-5	53
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50
4			3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	43
5			3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

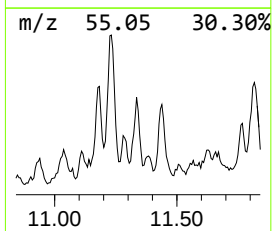
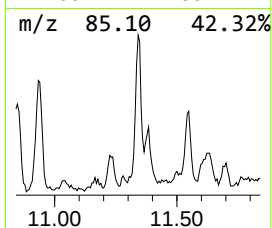
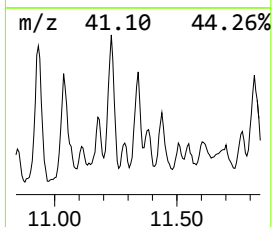
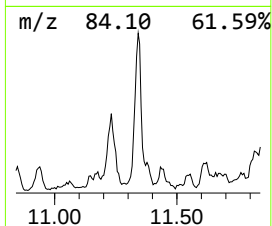
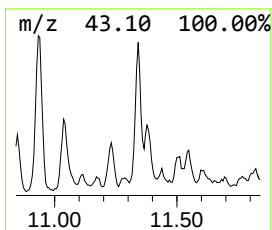
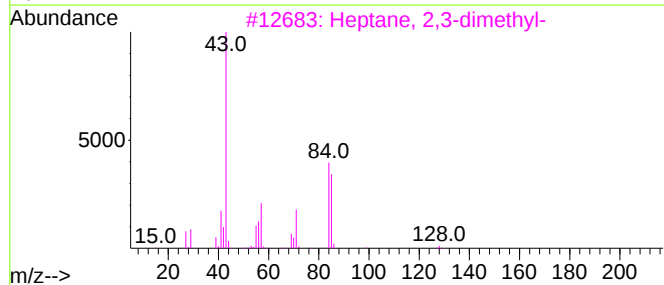
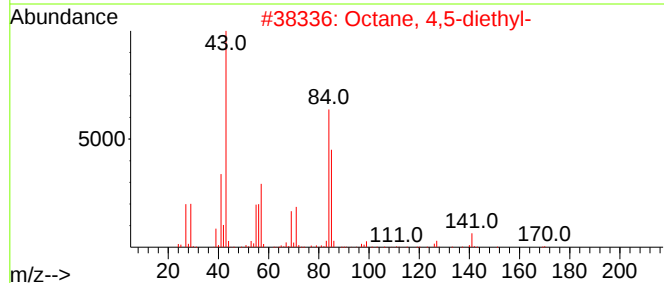
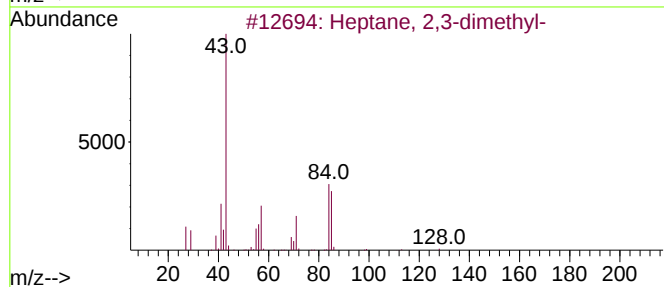
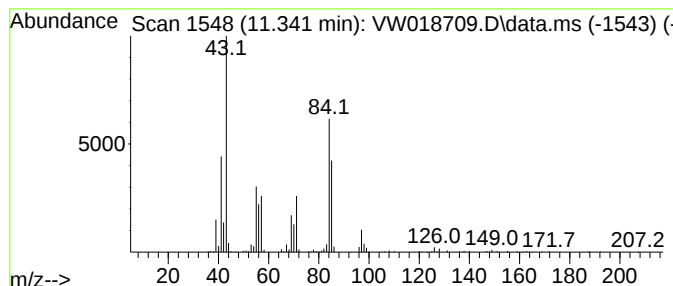
Instrument :
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ClientSampleId :
BG567

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 7 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.341	3.10 ug/L	173070	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	81
2	Octane, 4,5-diethyl-	170	C12H26	001636-41-5	78
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	74
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	58
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

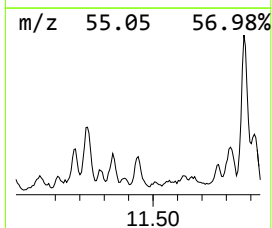
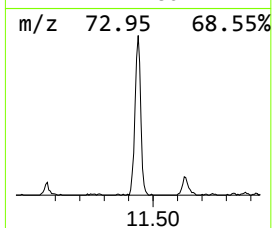
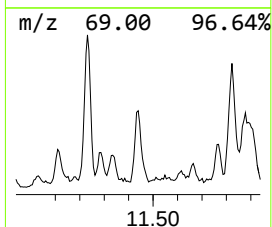
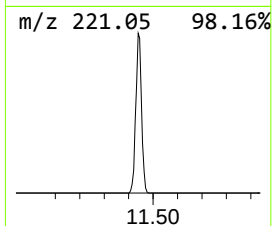
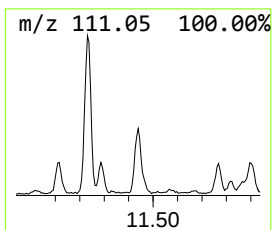
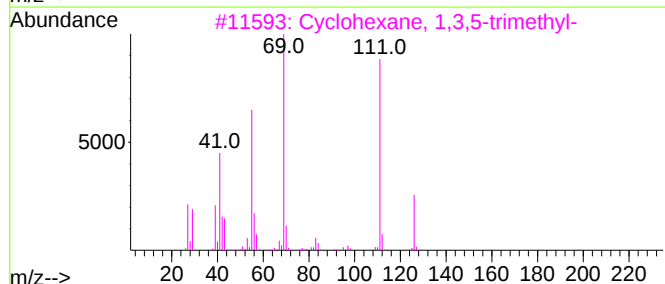
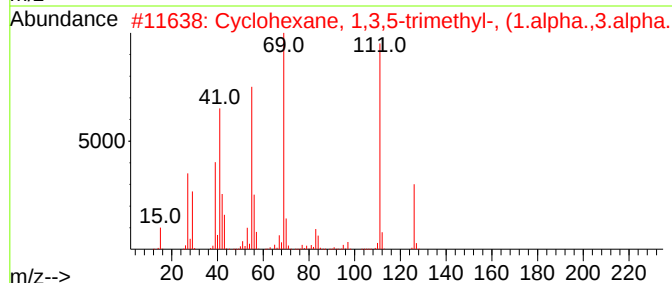
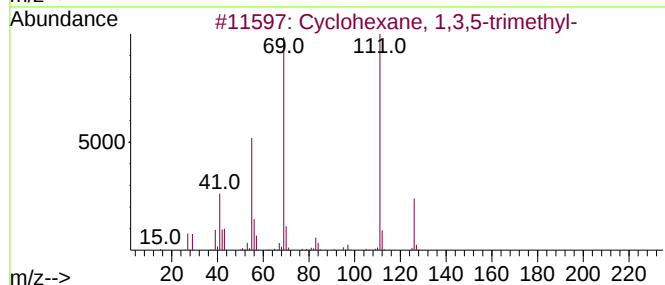
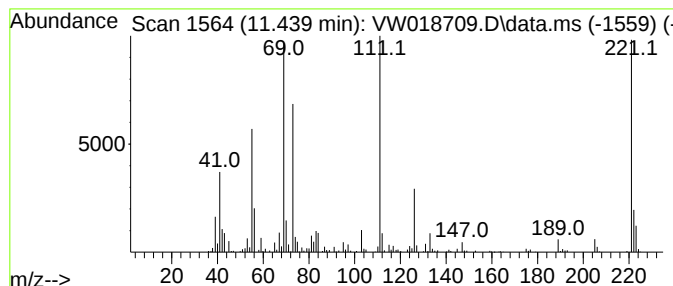
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic11.439 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	3.85 ug/L	214909	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	91
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	78
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	60
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	49
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

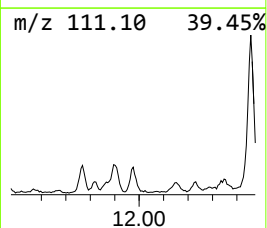
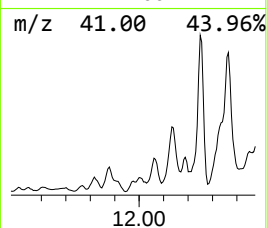
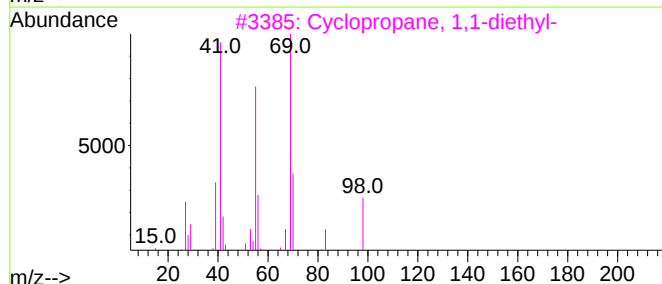
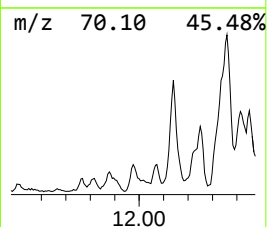
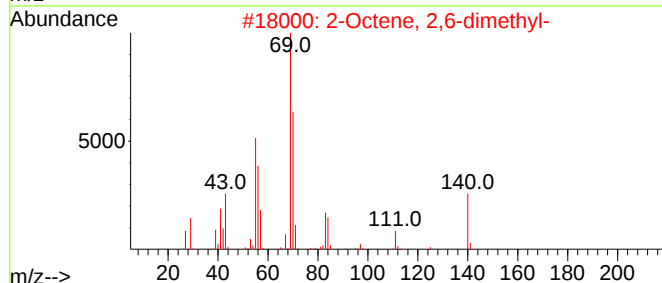
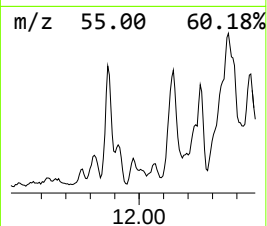
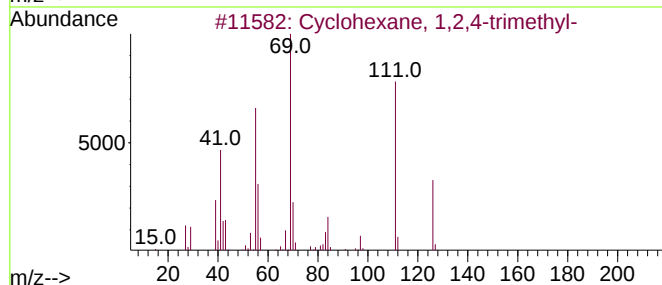
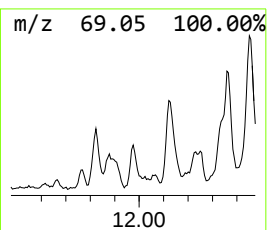
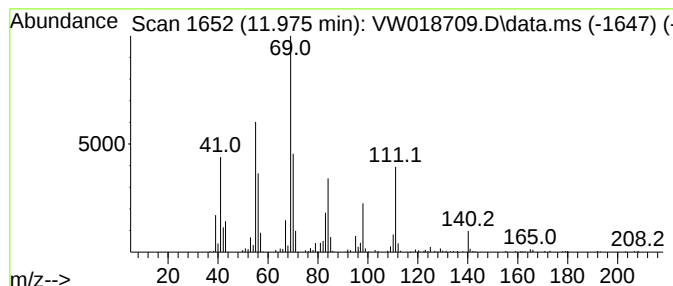
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic11.975 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	2.84 ug/L	158533	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	53
2			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
3			Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	50
4			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	49
5			3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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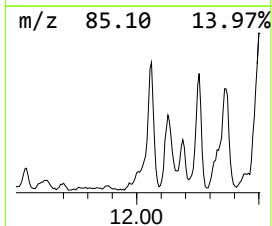
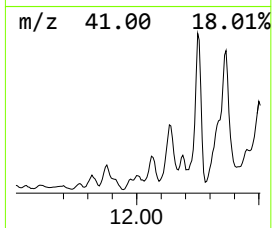
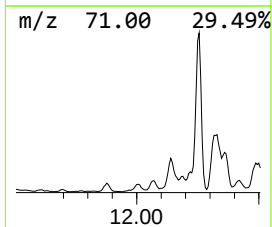
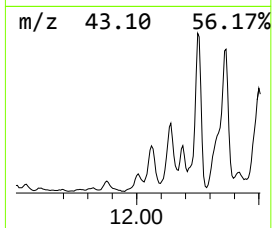
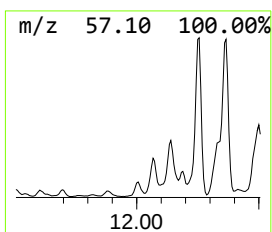
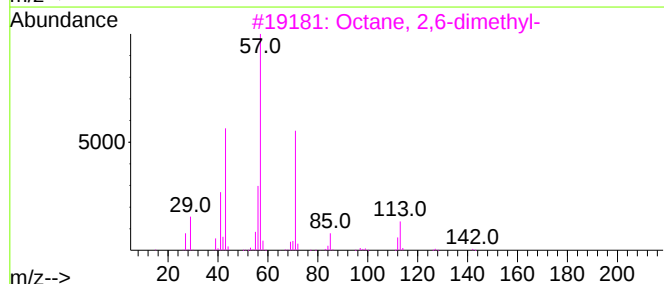
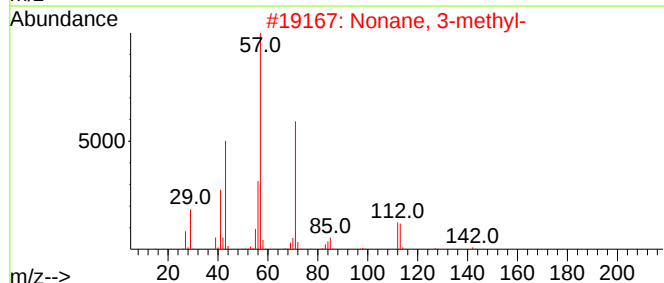
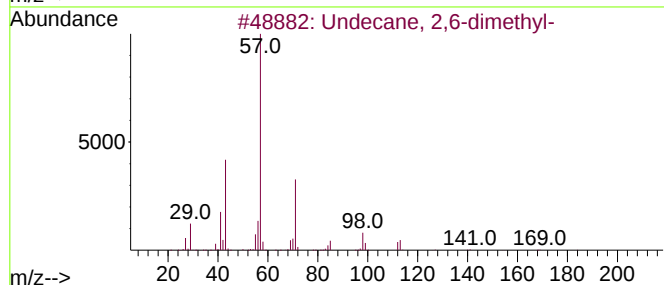
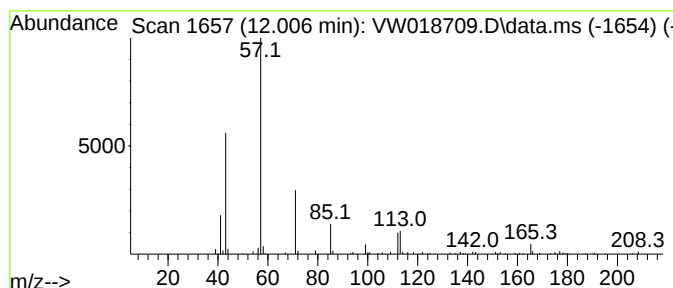
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.006	1.71 ug/L	95535	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	47
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	45
5		Decane, 2-methyl-	156	C11H24	006975-98-0	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

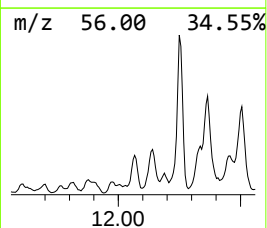
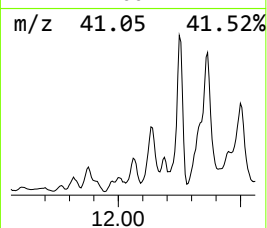
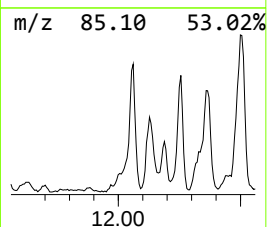
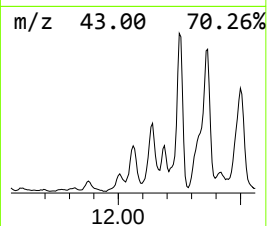
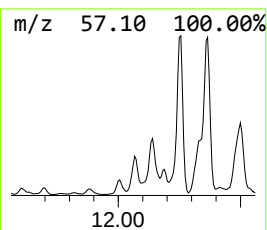
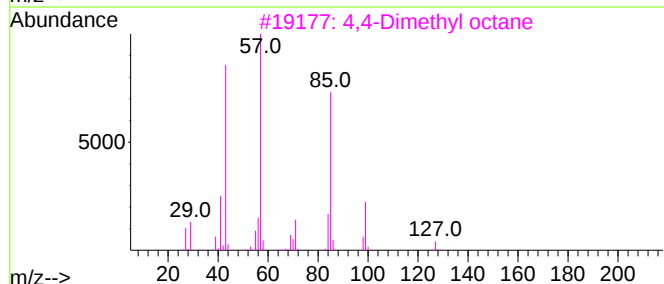
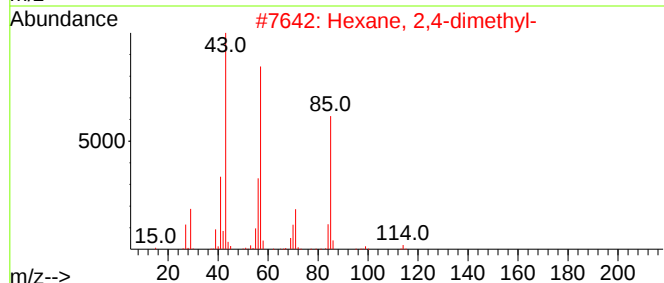
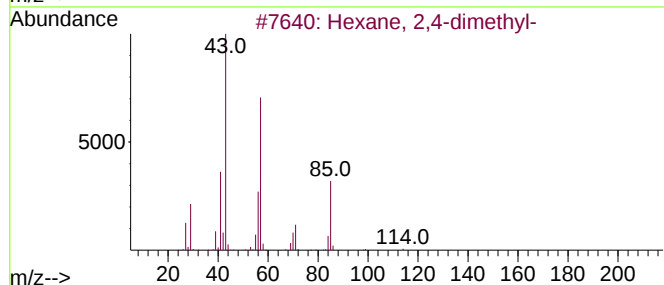
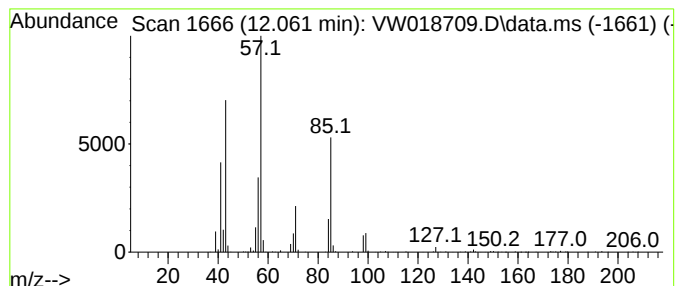
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.061	5.85 ug/L	325870	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
3	4,4-Dimethyl octane	142	C10H22	015869-95-1	53
4	2,2-Dimethyl-3-heptanone	142	C9H18O	019078-97-8	49
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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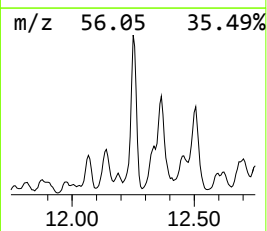
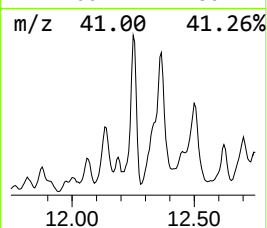
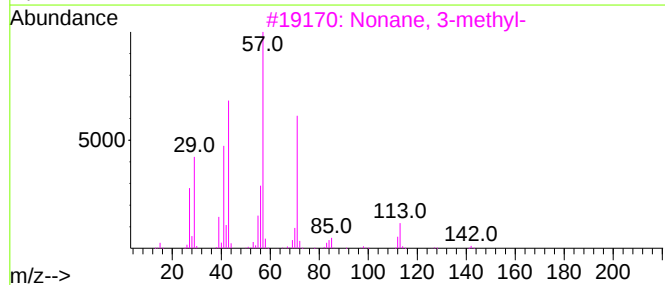
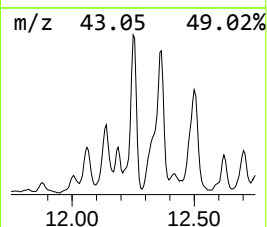
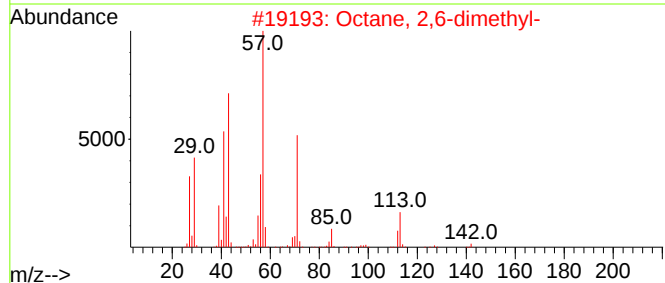
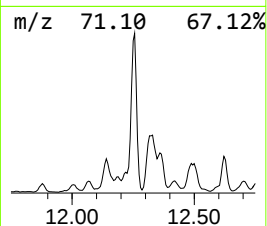
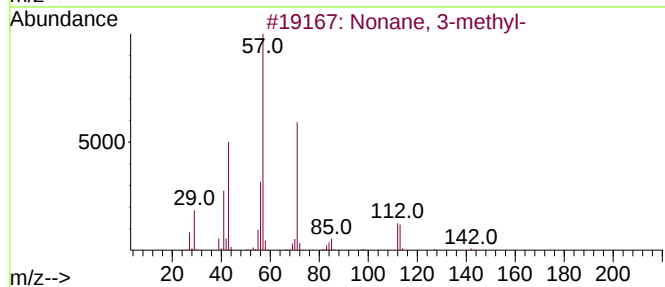
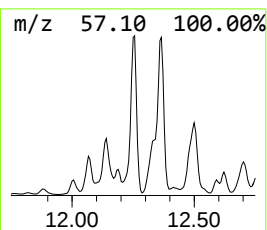
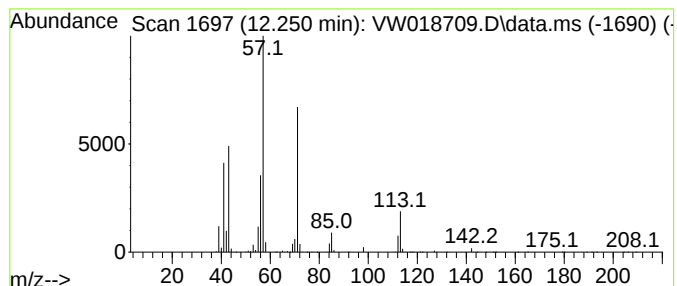
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	32.28 ug/L	1799790	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

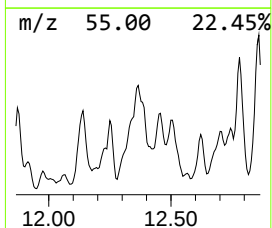
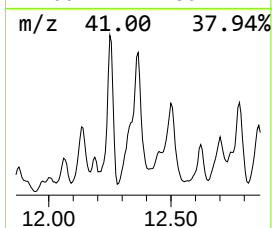
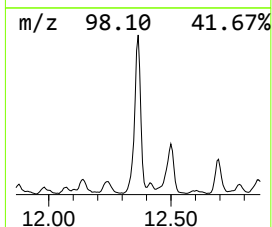
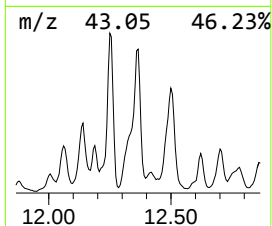
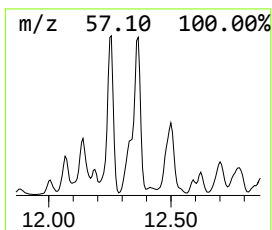
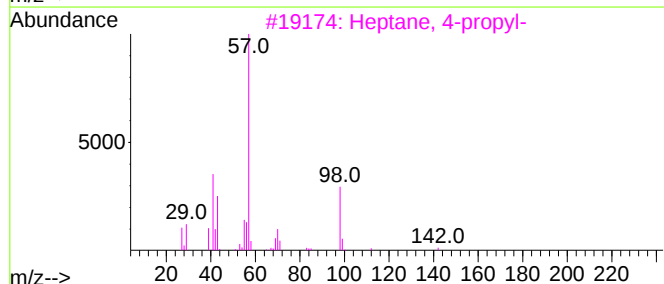
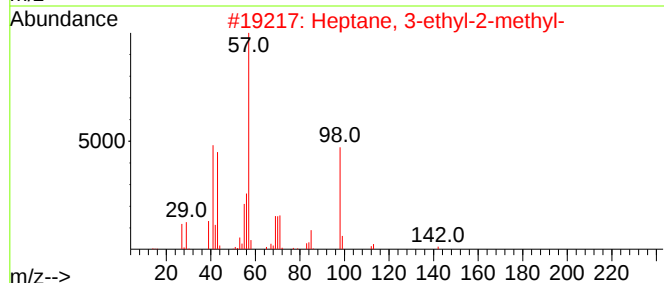
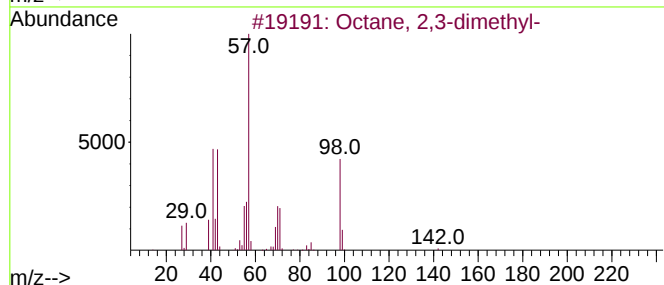
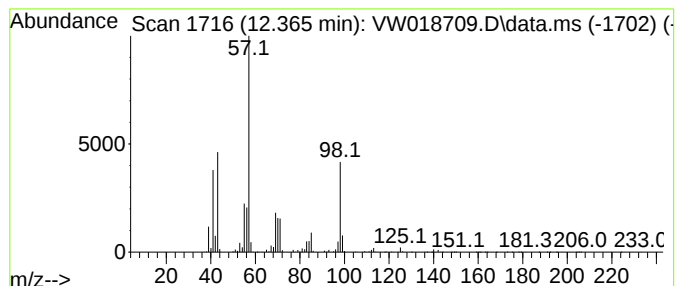
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MSVOA_W
ClientSampleId :
BG567

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 13 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.365	56.66 ug/L	3158680	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	91
2	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	83
3	Heptane, 4-propyl-		142	C10H22	003178-29-8	59
4	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	53
5	Heptane, 3-ethyl-		128	C9H20	015869-80-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

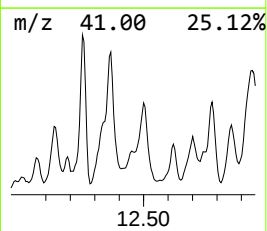
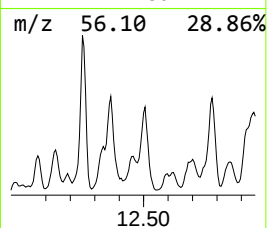
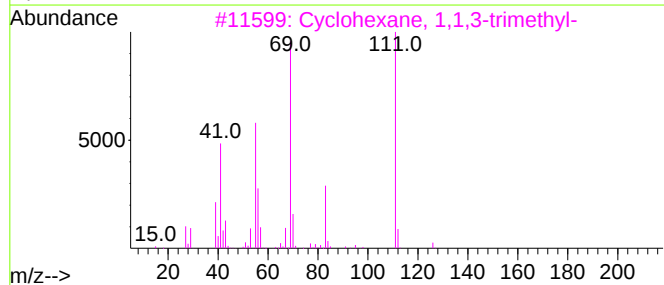
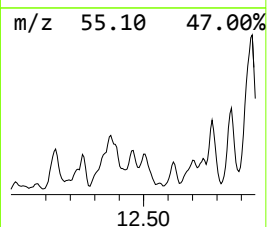
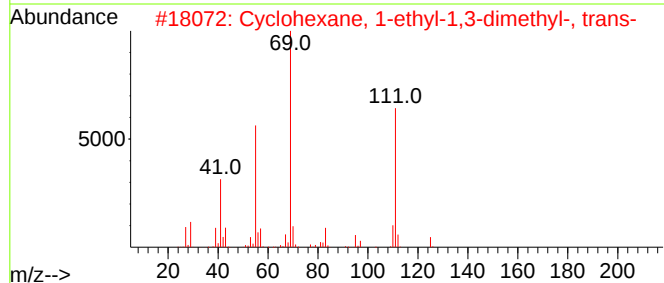
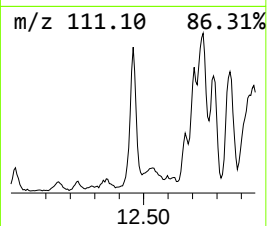
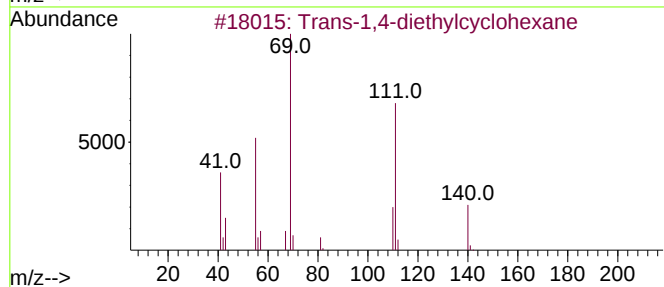
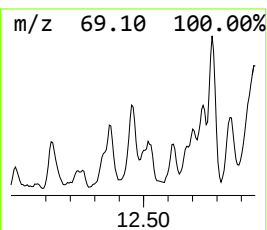
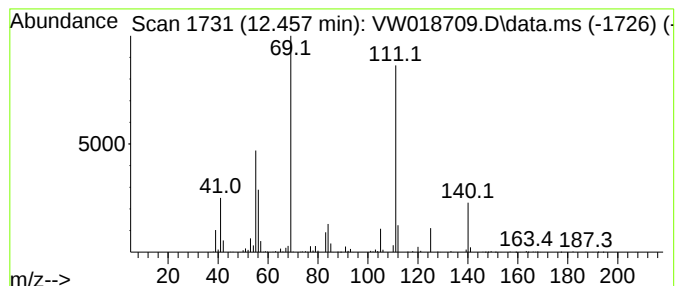
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic12.457 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	5.48 ug/L	305372	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	59
2			Cyclohexane, 1-ethyl-1,3-dimethyl...	140	C10H20	062238-29-3	59
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59
4			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	59
5			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

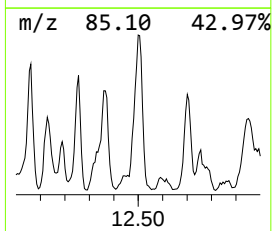
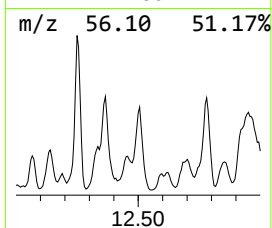
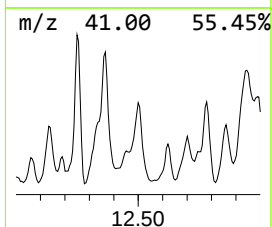
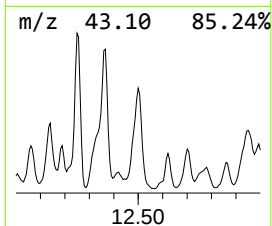
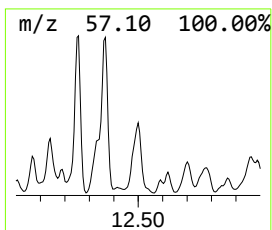
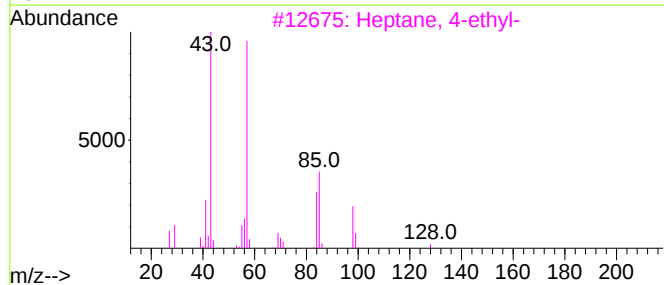
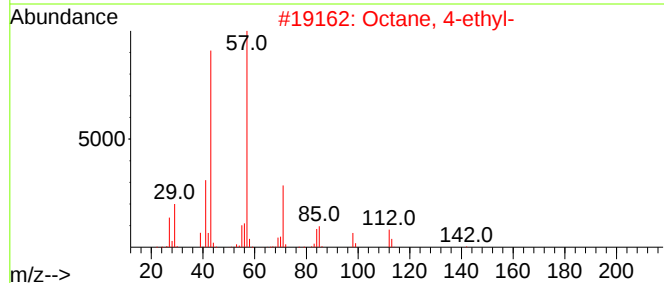
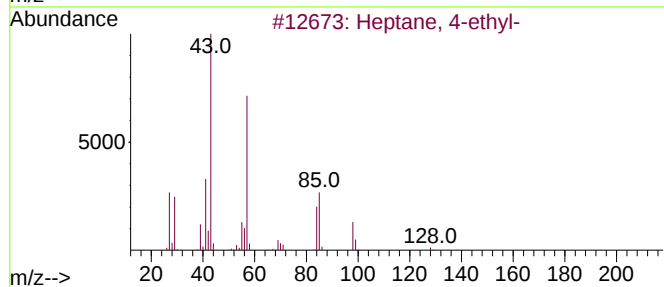
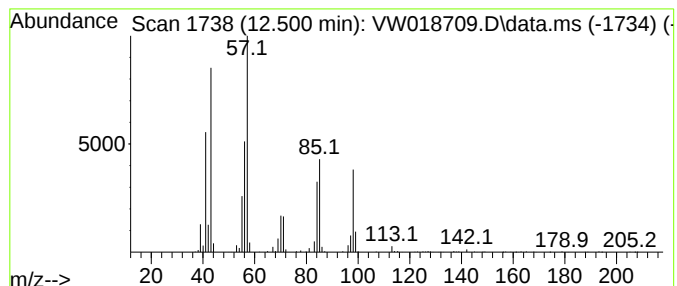
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.499	21.85 ug/L	1218330	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-		128	C9H20	002216-32-2	50
2	Octane, 4-ethyl-		142	C10H22	015869-86-0	50
3	Heptane, 4-ethyl-		128	C9H20	002216-32-2	50
4	Heptane, 4-ethyl-		128	C9H20	002216-32-2	50
5	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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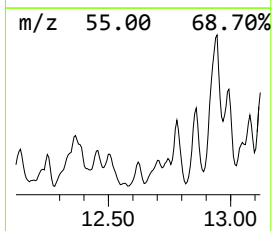
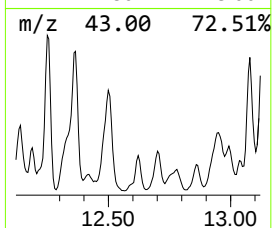
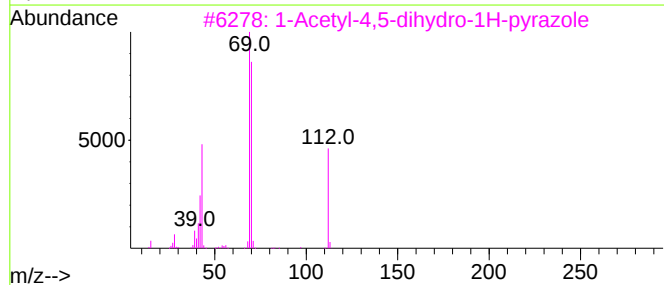
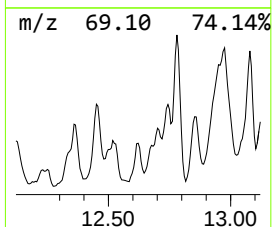
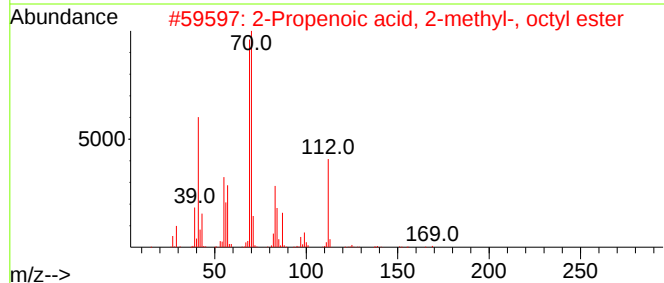
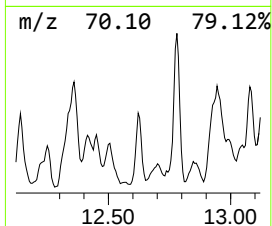
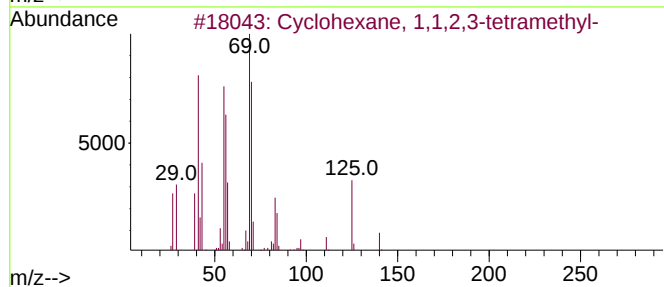
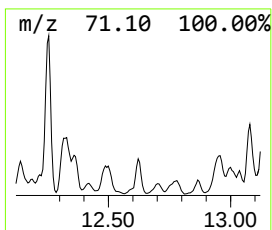
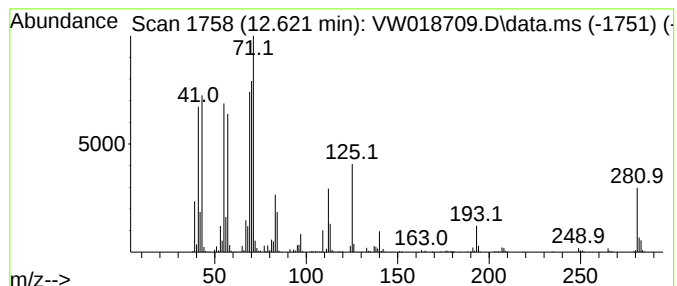
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Cyclic12.621 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	42.52 ug/L	640236	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	55
2			2-Propenoic acid, 2-methyl-, oct...	198	C12H22O2	002157-01-9	43
3			1-Acetyl-4,5-dihydro-1H-pyrazole	112	C5H8N2O	1000373-42-6	38
4			2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	35
5			2,6-Nonadienal, (E,Z)-	138	C9H14O	000557-48-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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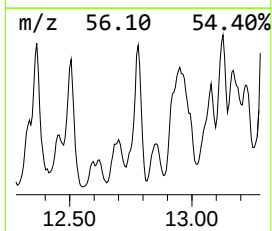
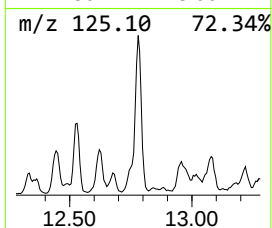
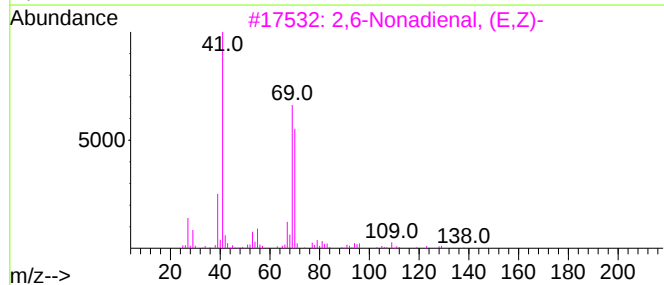
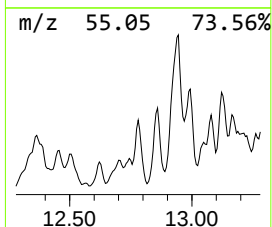
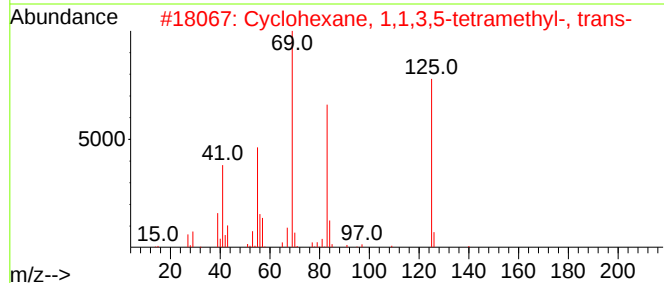
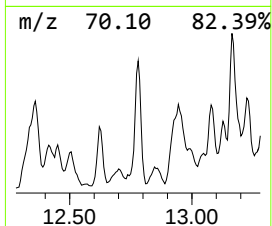
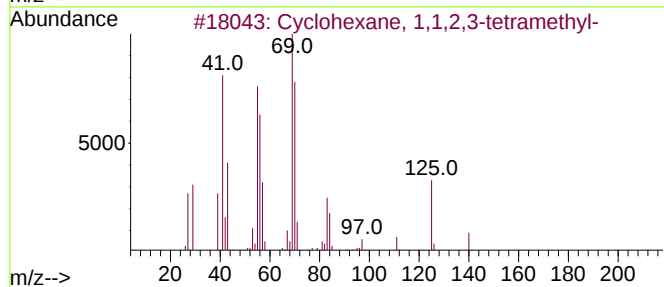
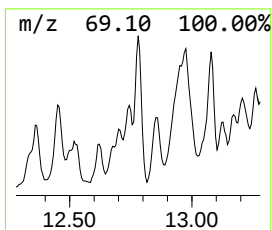
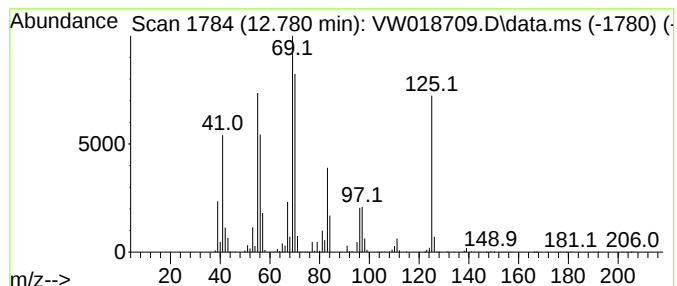
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic12.780 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	90.05 ug/L	1355990	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	59
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43
3		2,6-Nonadienal, (E,Z)-	138	C9H14O	000557-48-2	38
4		Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	38
5		Isopropylcyclobutane	98	C7H14	000872-56-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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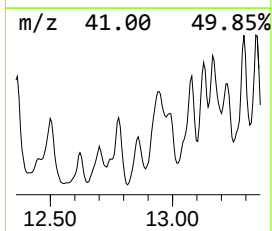
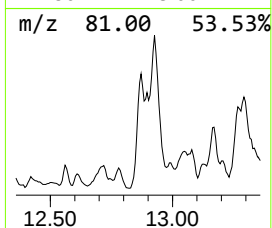
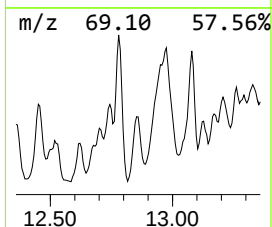
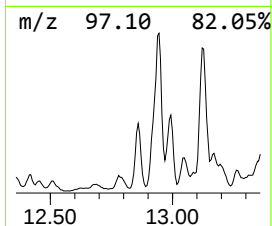
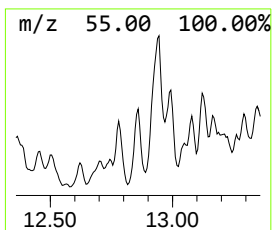
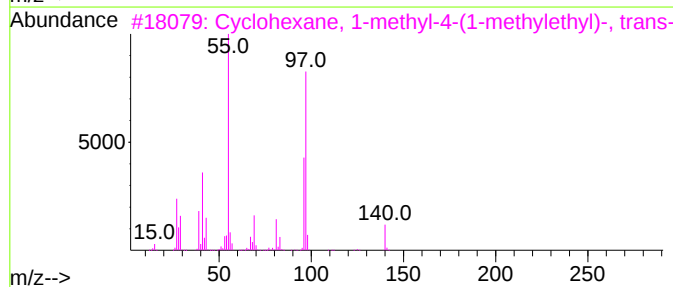
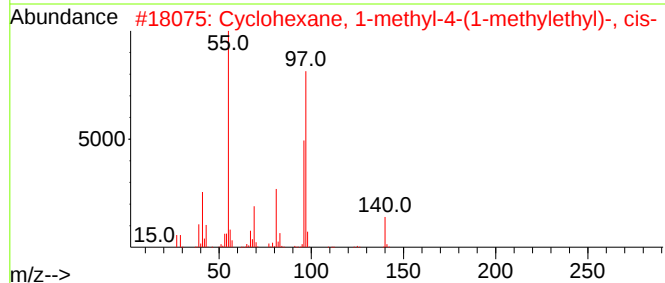
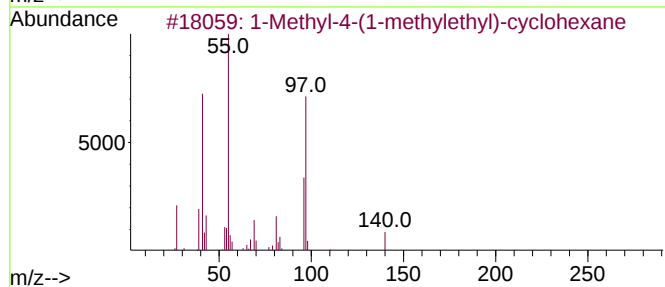
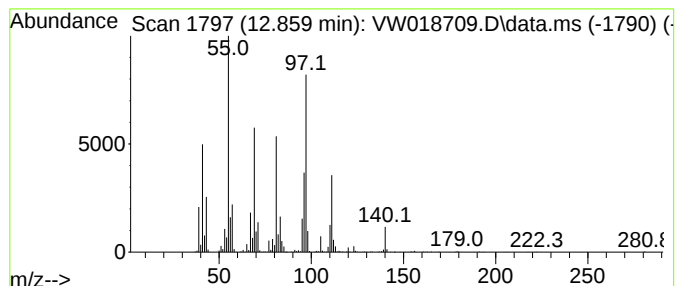
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Cyclic12.859 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	94.39 ug/L	1421410	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	64
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	64
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64
4			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	59
5			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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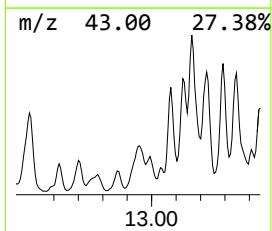
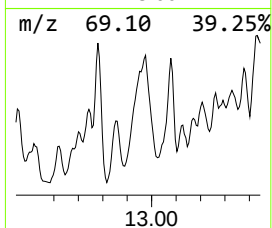
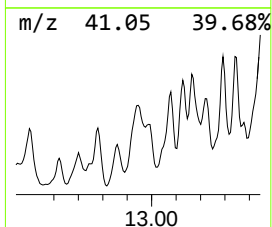
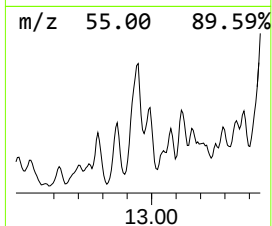
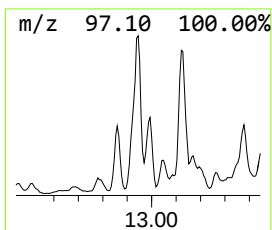
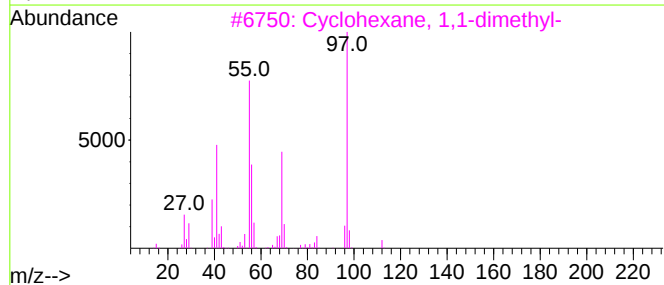
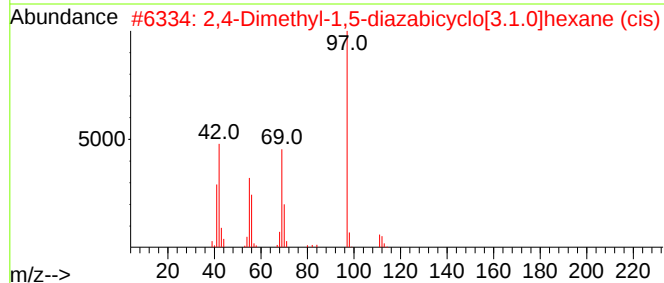
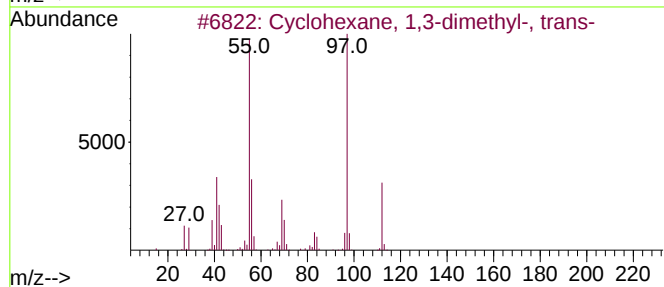
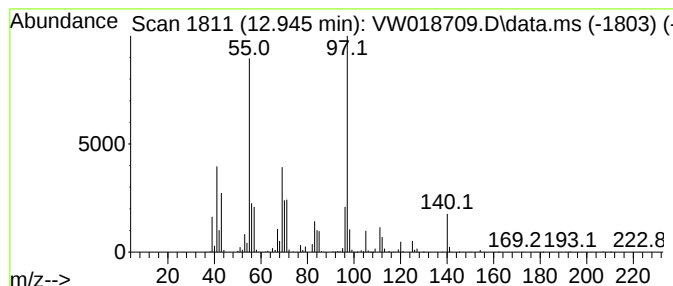
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Cyclic12.945 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.945	163.09 ug/L	2455890	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	52
2			2,4-Dimethyl-1,5-diazabicyclo[3.1.0]hexane (cis)	112	C6H12N2	100463-01-2	49
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46
4			2,4-Dimethyl-1,5-diazabicyclo[3.1.0]hexane (cis)	112	C6H12N2	1000283-20-9	46
5			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

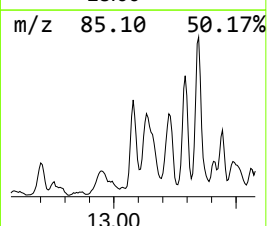
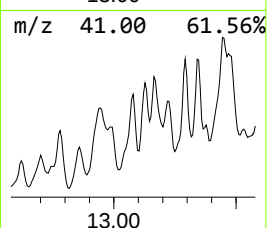
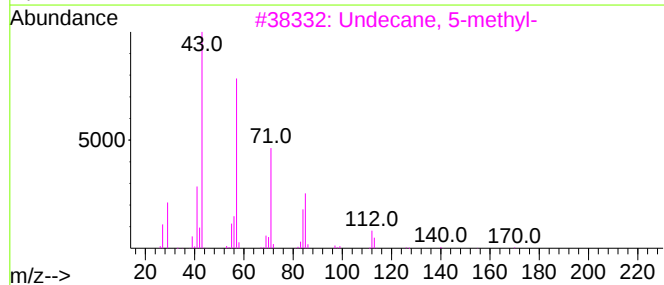
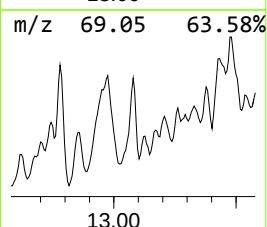
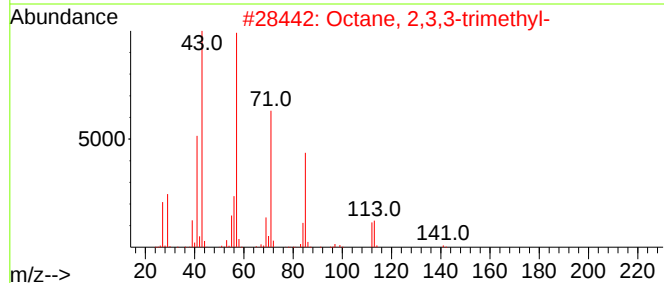
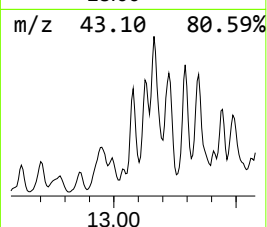
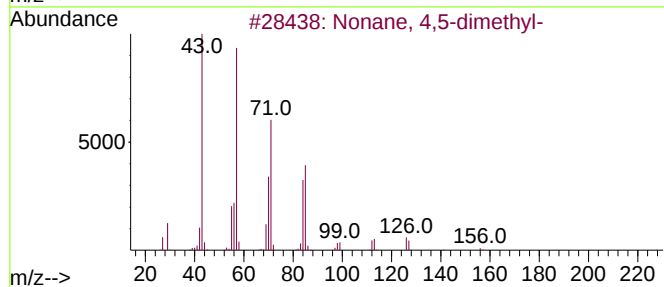
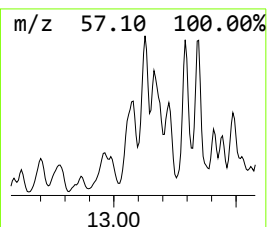
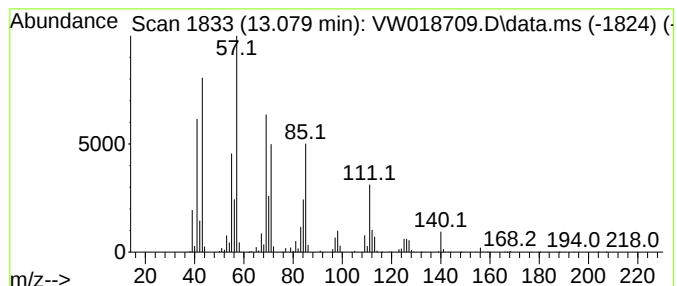
Instrument :
MSVOA_W
ClientSampleId :
BG567

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.079	120.02 ug/L	1807300	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-		156	C11H24	017302-23-7	58
2	Octane, 2,3,3-trimethyl-		156	C11H24	062016-30-2	52
3	Undecane, 5-methyl-		170	C12H26	001632-70-8	43
4	Decane, 4-methyl-		156	C11H24	002847-72-5	41
5	Octane, 4-methyl-		128	C9H20	002216-34-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

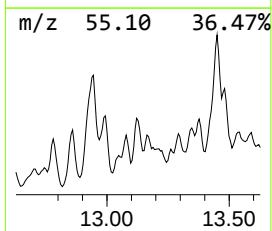
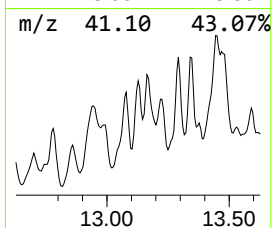
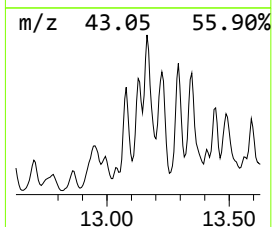
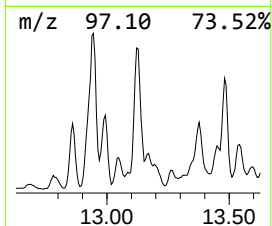
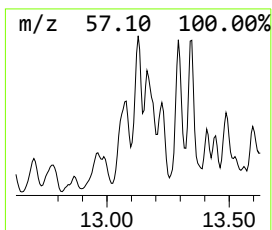
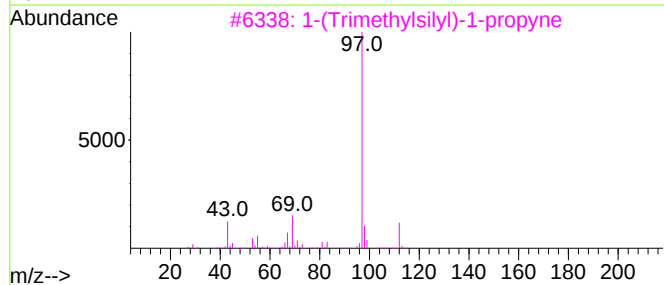
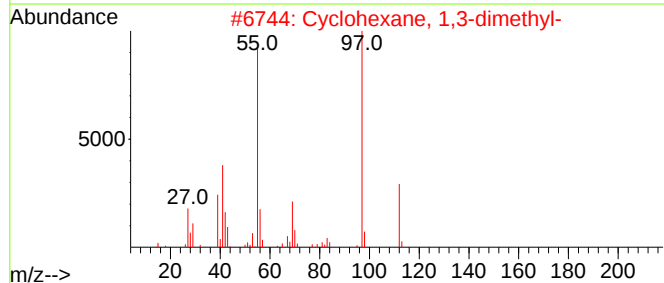
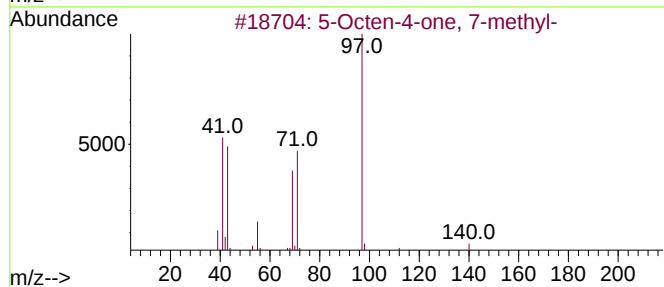
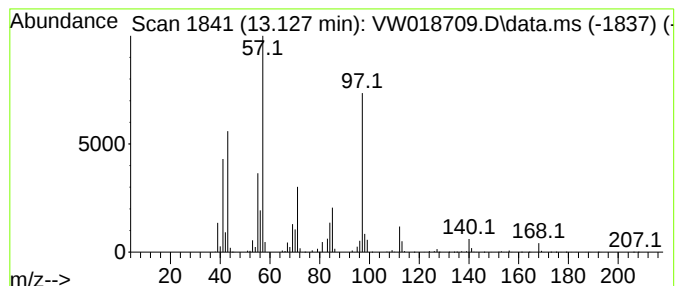
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Quant Title : SFAM01.0

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

Peak Number 21 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.128	83.13 ug/L	1251830	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	46
2		Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	43
3		1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	38
4		4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	38
5		3-Butene-1,2-diol, 1-(2-furanyl)...	168	C9H12O3	021141-71-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

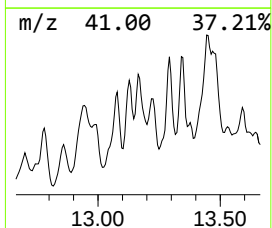
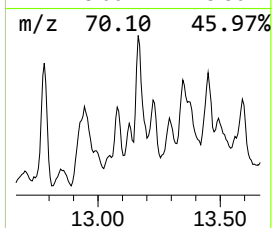
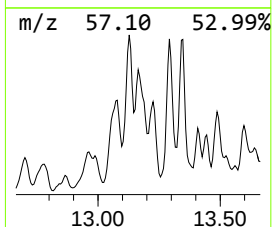
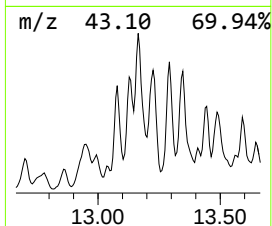
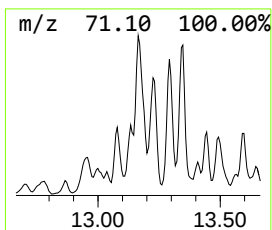
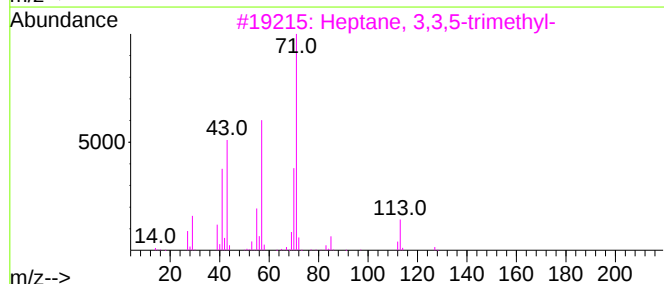
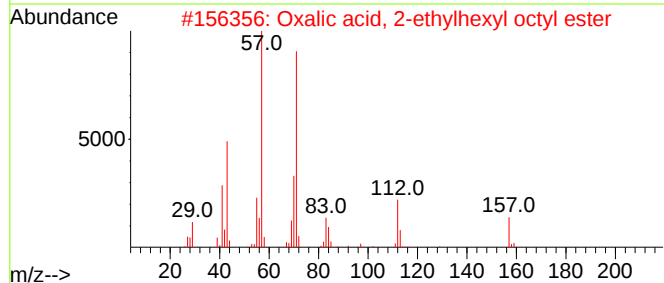
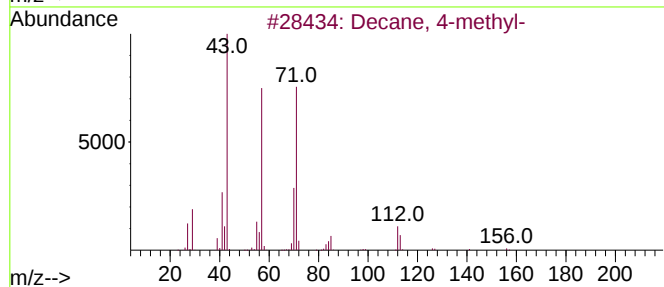
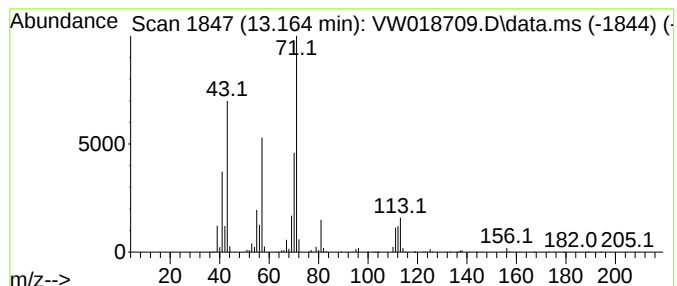
Instrument :
MSVOA_W
ClientSampleId :
BG567

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.164	67.17 ug/L	1011440	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	72
2	Oxalic acid, 2-ethylhexyl octyl ...		314	C18H34O4	1000309-39-1	64
3	Heptane, 3,3,5-trimethyl-		142	C10H22	007154-80-5	64
4	Methoxyacetic acid, 2-octyl ester		202	C11H22O3	1000282-69-6	59
5	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

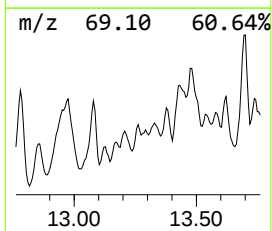
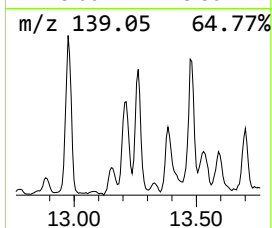
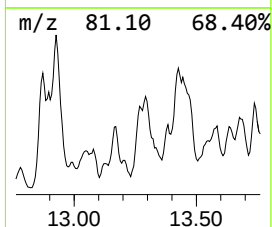
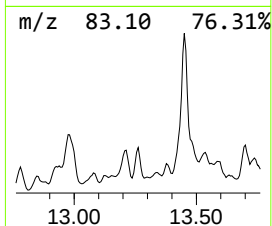
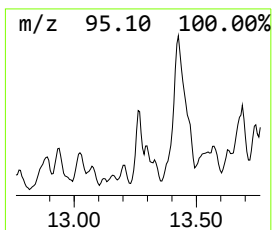
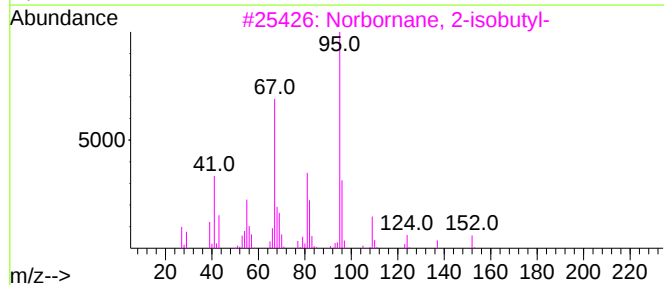
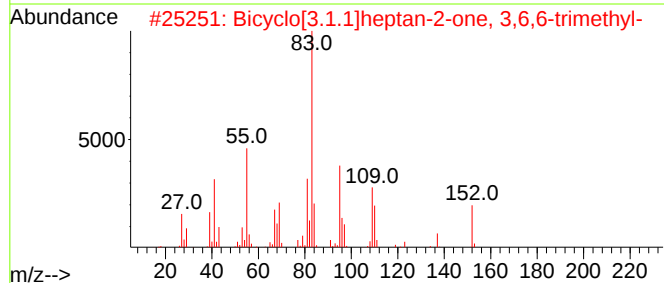
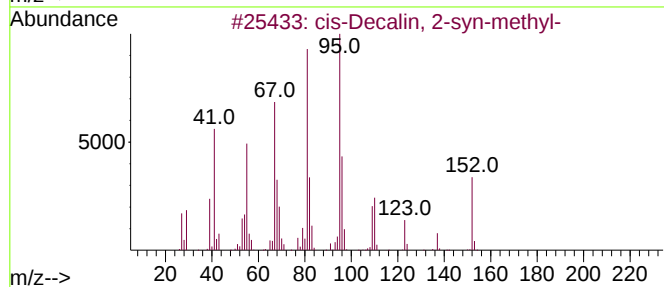
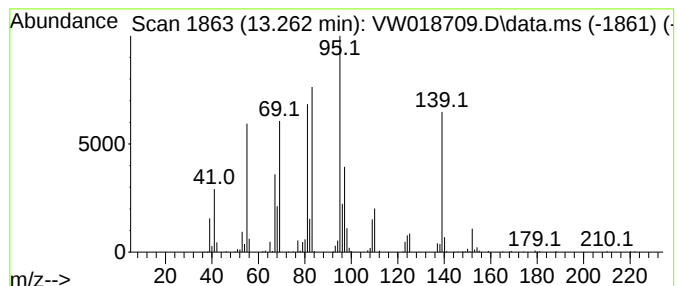
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Quant Title : SFAM01.0

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

Peak Number 23 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	9.53 ug/L	143445	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	38
2			Bicyclo[3.1.1]heptan-2-one, 3,6,...	152	C10H16O	016022-08-5	27
3			Norbornane, 2-isobutyl-	152	C11H20	018127-14-5	27
4			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	25
5			2-Isopropylimidazole	110	C6H10N2	036947-68-9	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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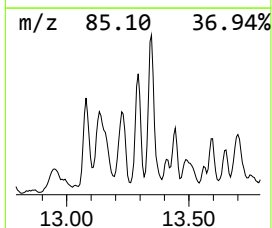
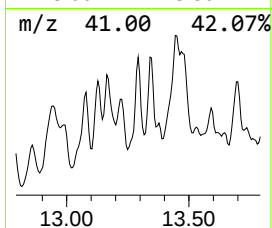
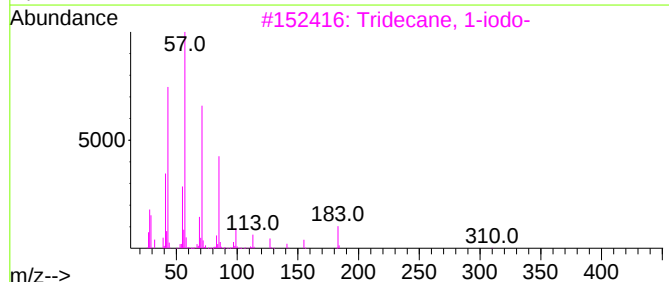
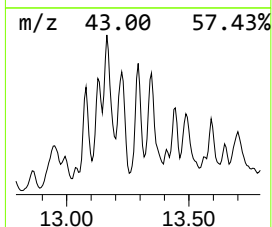
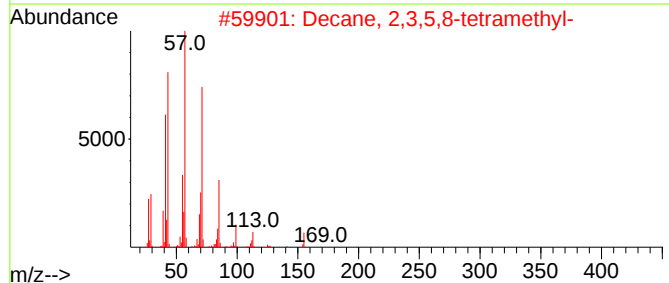
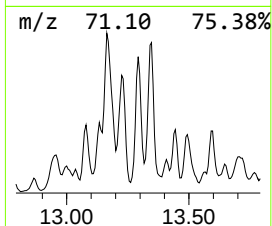
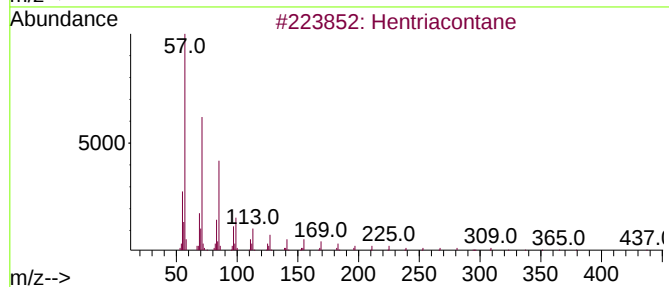
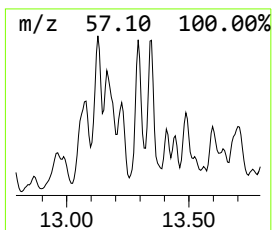
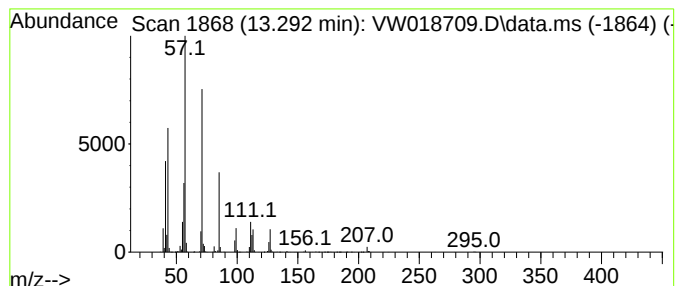
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	79.60 ug/L	1198740	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	72
2			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	64
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
5			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

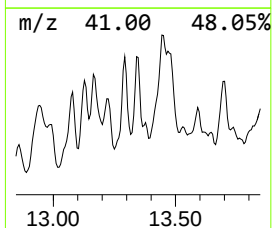
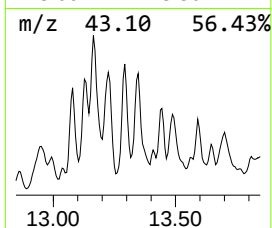
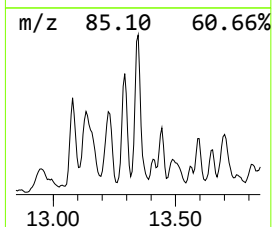
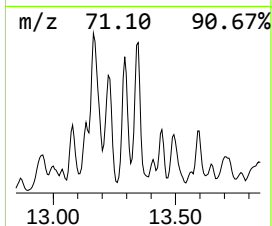
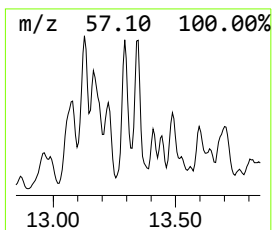
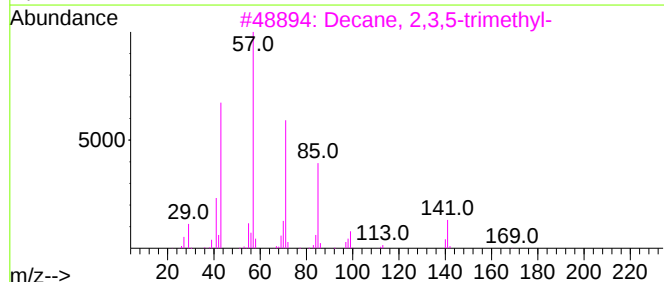
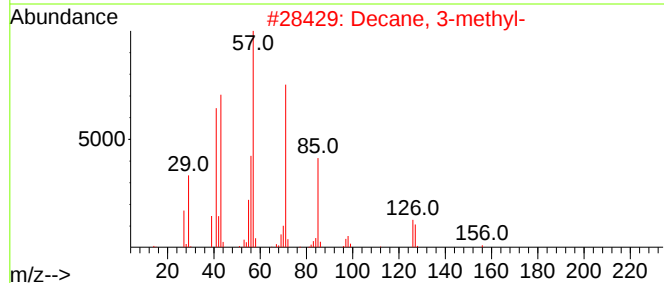
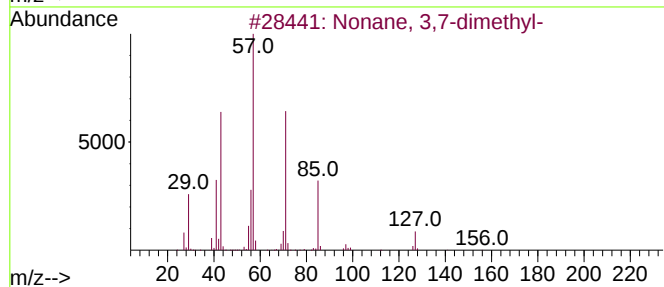
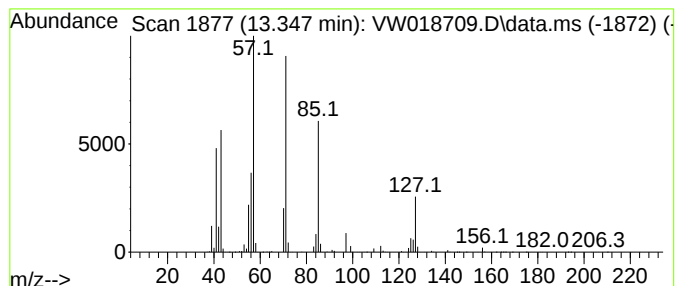
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.347	78.58 ug/L	1183300	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	74
2	Decane, 3-methyl-		156	C11H24	013151-34-3	64
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	59
4	Nonane, 5-butyl-		184	C13H28	017312-63-9	59
5	Nonane, 1-iodo-		254	C9H19I	004282-42-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

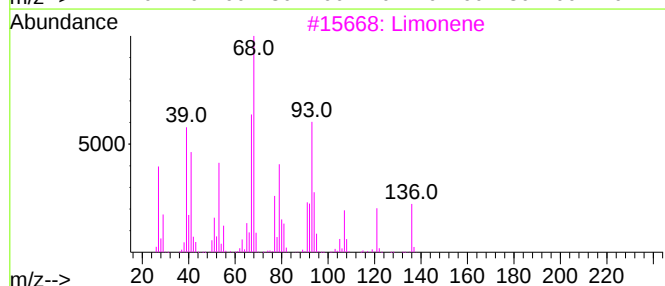
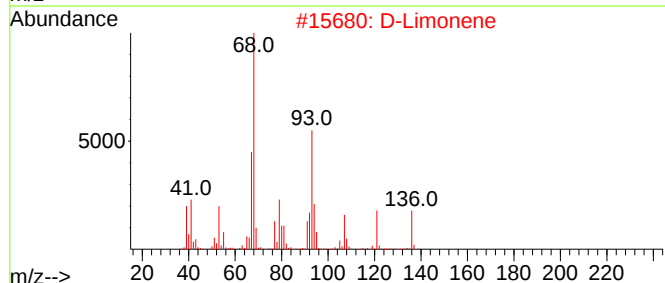
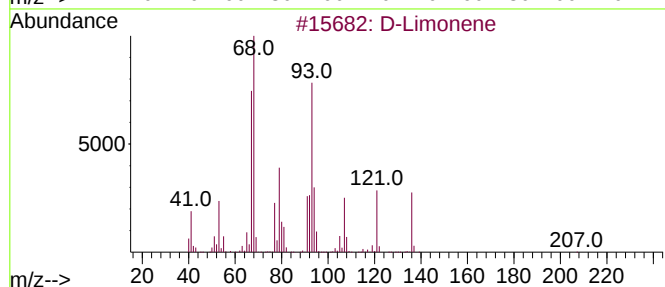
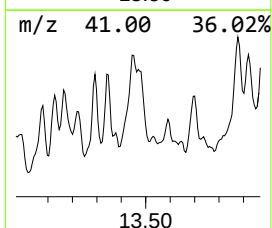
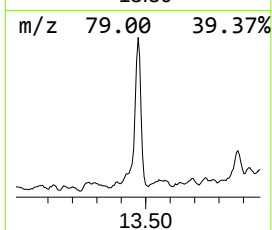
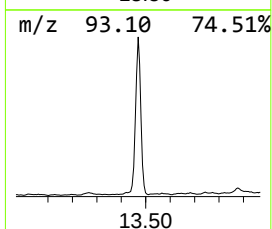
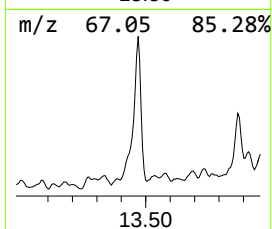
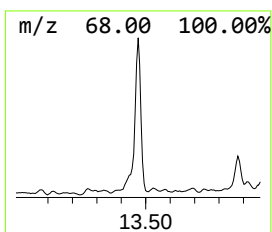
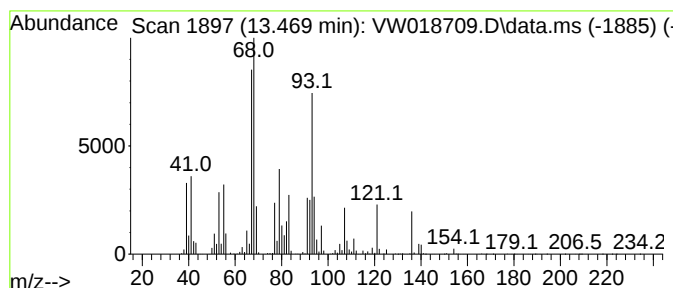
Instrument :
MSVOA_W
ClientSampleId :
BG567

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 26 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.469	416.95 ug/L	6278780	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	D-Limonene		136	C10H16	005989-27-5	97
2	D-Limonene		136	C10H16	005989-27-5	89
3	Limonene		136	C10H16	000138-86-3	81
4	Limonene		136	C10H16	000138-86-3	70
5	Limonene		136	C10H16	000138-86-3	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

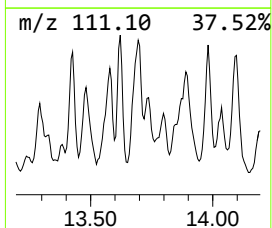
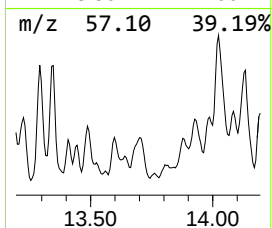
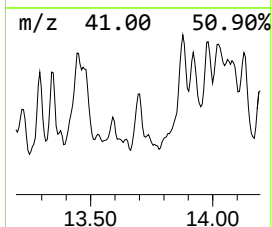
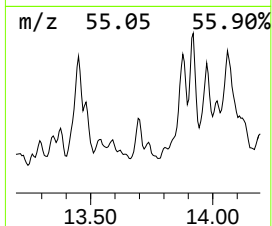
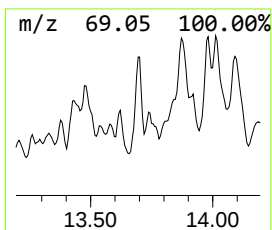
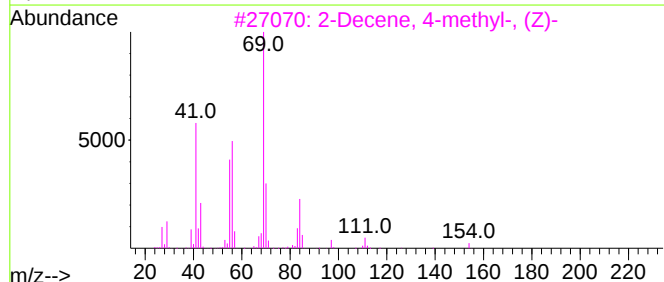
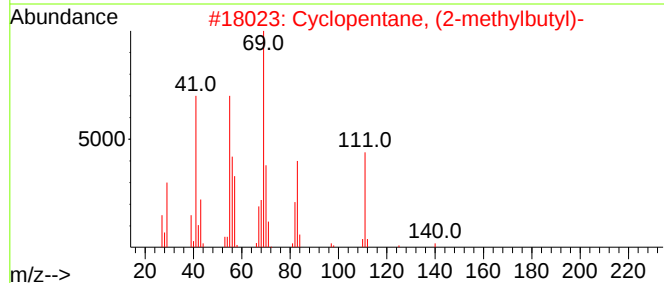
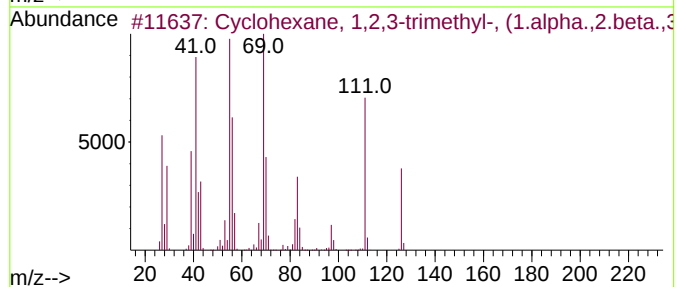
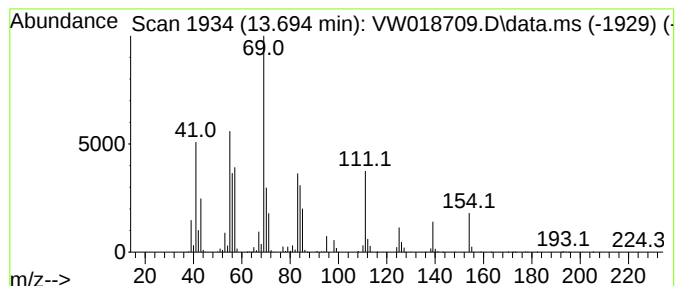
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ClientSampleId :
BG567

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 27 (DEL) Alkane: Cyclic13.695 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.695	92.37 ug/L	1391000	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	70
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	70
3	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	59
4	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	38
5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

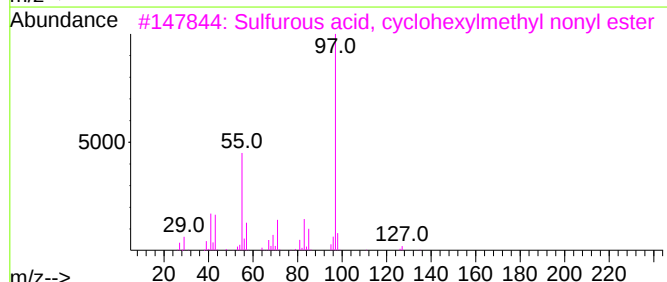
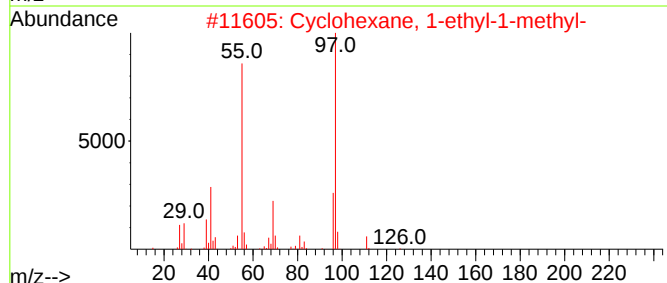
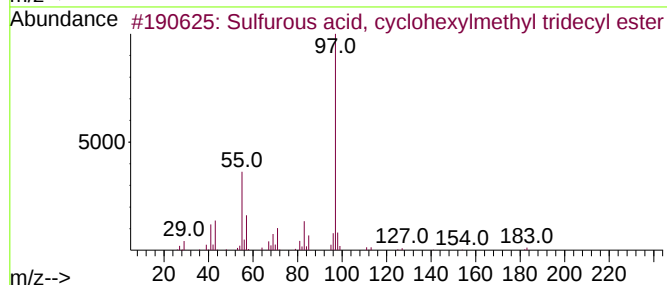
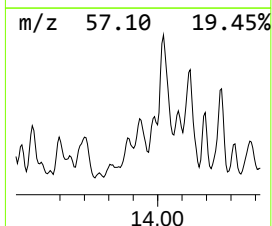
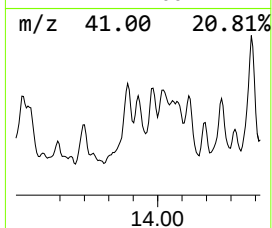
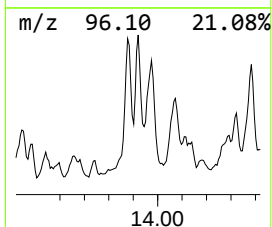
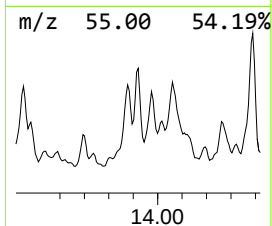
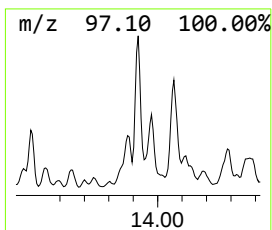
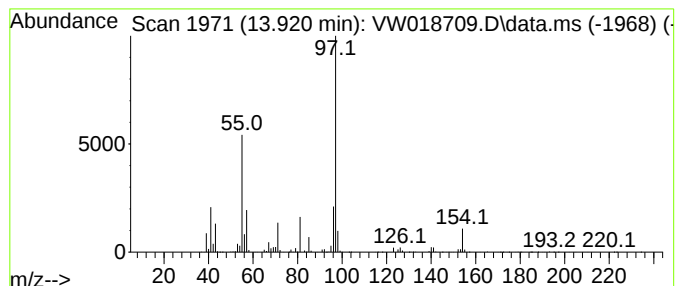
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Quant Title : SFAM01.0

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

Peak Number 28 Sulfurous acid, cyclohexylm... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.920	87.53 ug/L	1318140	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	59
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
3			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	59
4			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	59
5			Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

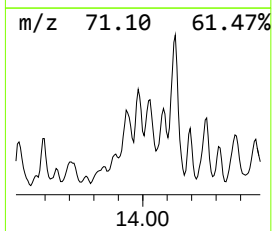
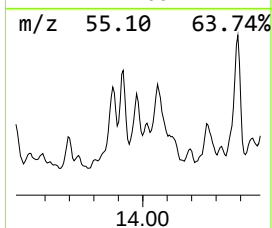
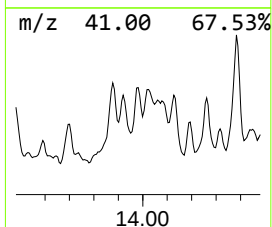
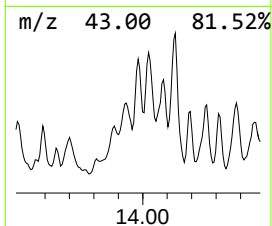
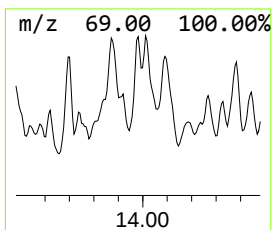
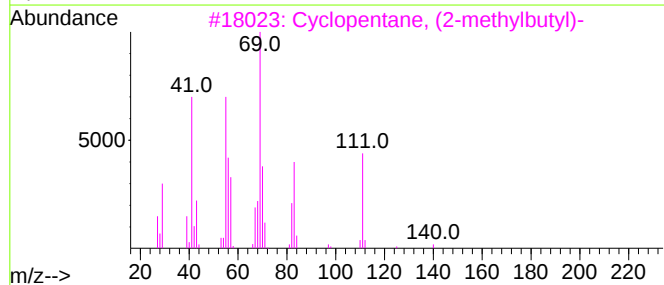
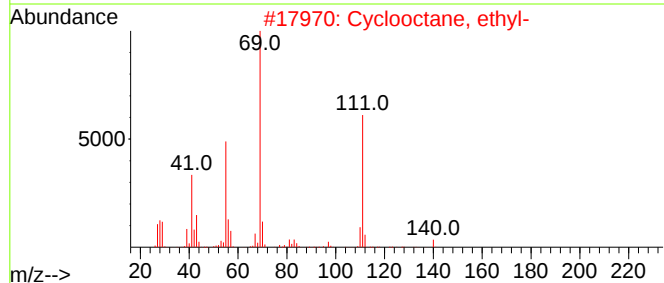
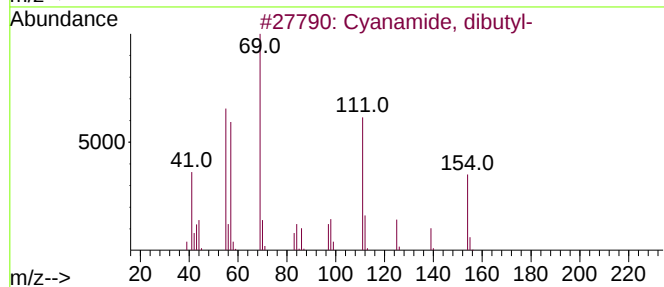
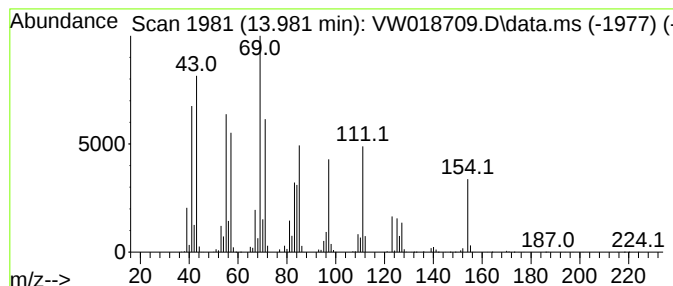
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Quant Title : SFAM01.0

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

Peak Number 29 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.981	92.26 ug/L	1389370	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyanamide, dibutyl-	154	C9H18N2	002050-54-6	46
2			Cyclooctane, ethyl-	140	C10H20	013152-02-8	30
3			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	30
4			3-Hepten-2-one, 3-ethyl-4-methyl-	154	C10H18O	054244-90-5	25
5			2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

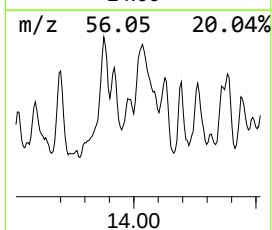
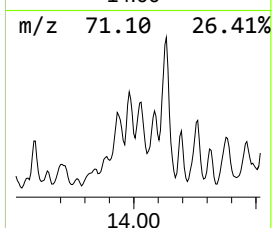
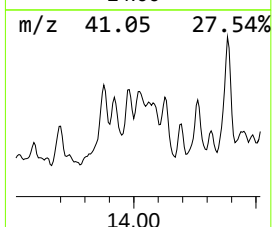
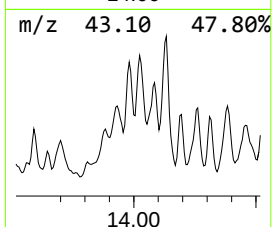
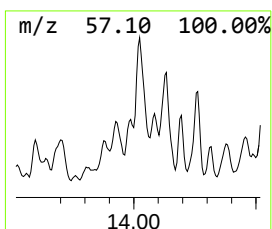
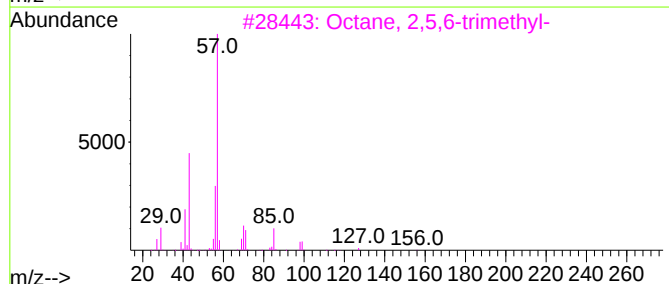
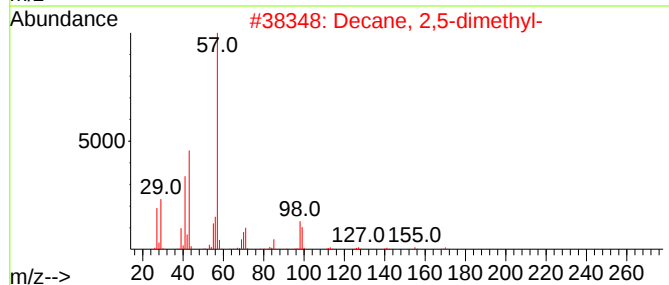
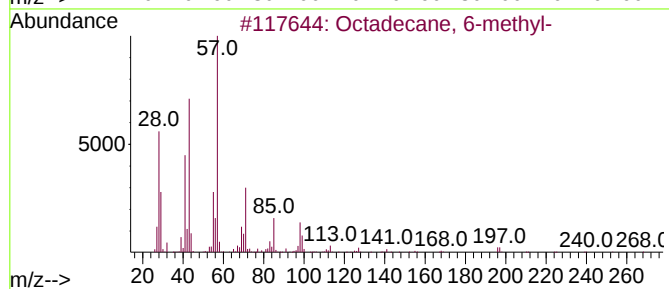
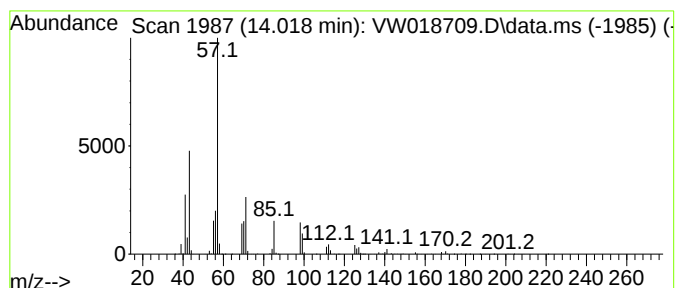
Instrument :
MSVOA_W
ClientSampleId :
BG567

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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 29

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.018	37.06 ug/L	558042	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane, 6-methyl-		268	C19H40	010544-96-4	72
2	Decane, 2,5-dimethyl-		170	C12H26	017312-50-4	58
3	Octane, 2,5,6-trimethyl-		156	C11H24	062016-14-2	50
4	Octane, 3-methyl-		128	C9H20	002216-33-3	49
5	Octane, 3-methyl-		128	C9H20	002216-33-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

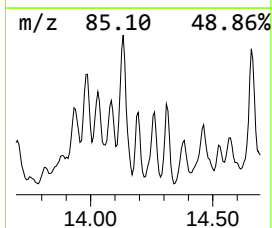
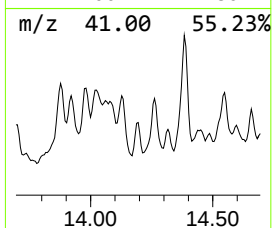
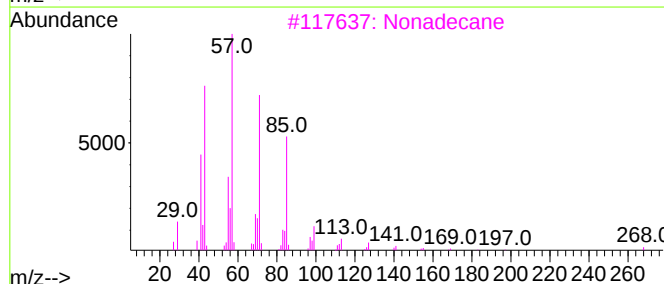
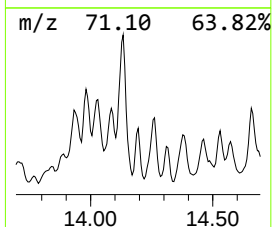
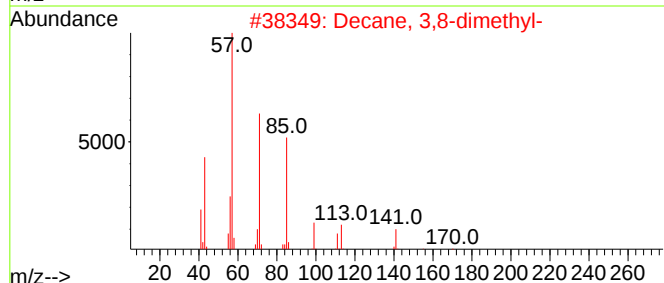
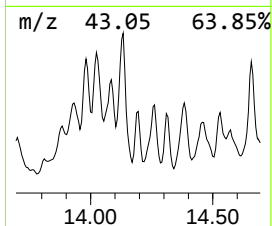
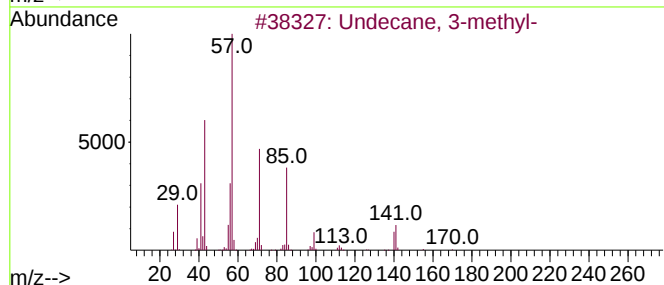
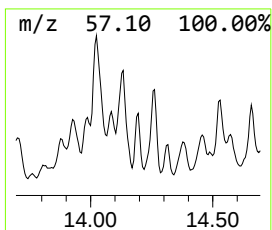
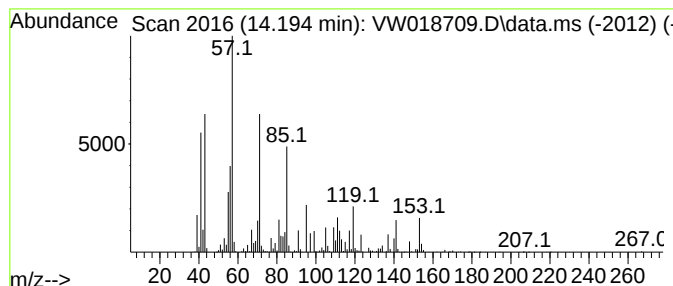
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	76.15 ug/L	1146760	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	58
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
3			Nonadecane	268	C19H40	000629-92-5	38
4			Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	38
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

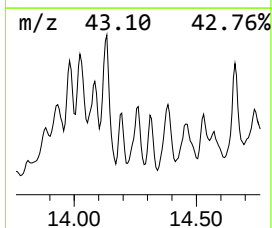
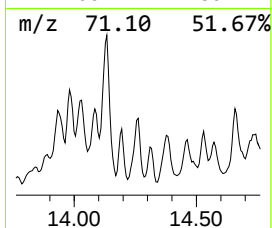
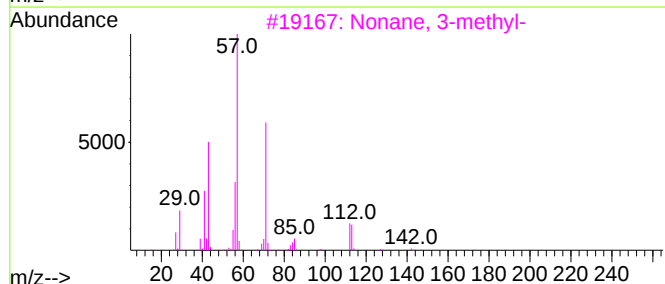
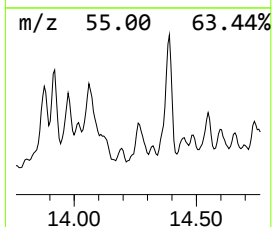
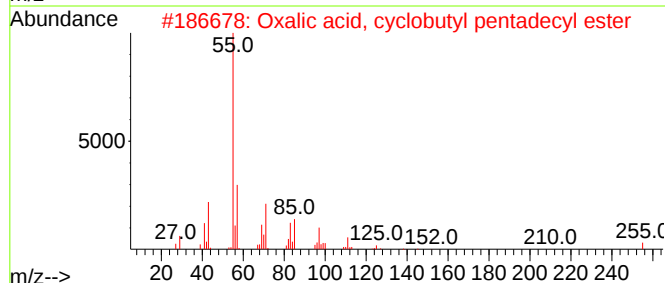
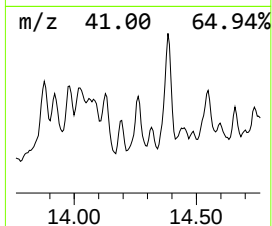
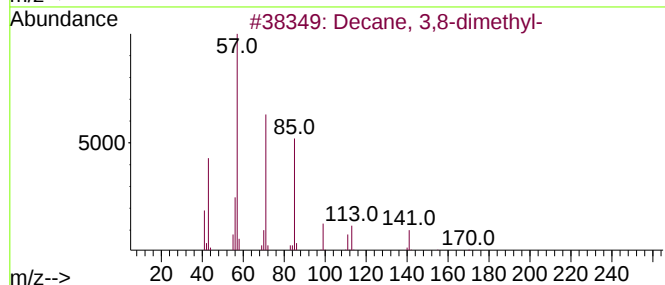
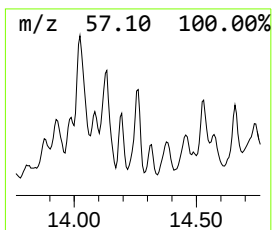
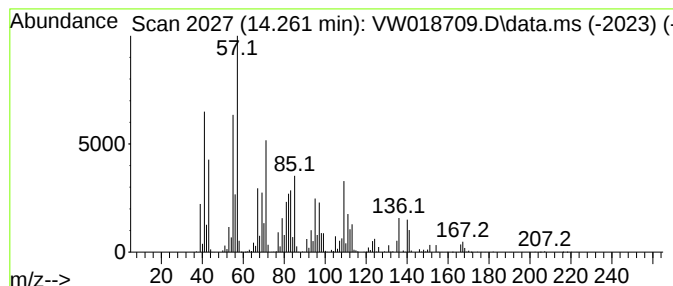
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Quant Title : SFAM01.0

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	118.99 ug/L	1791780	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	46
2			Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	43
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	38
4			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	38
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

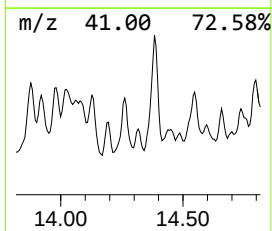
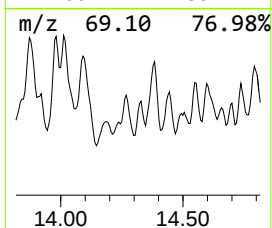
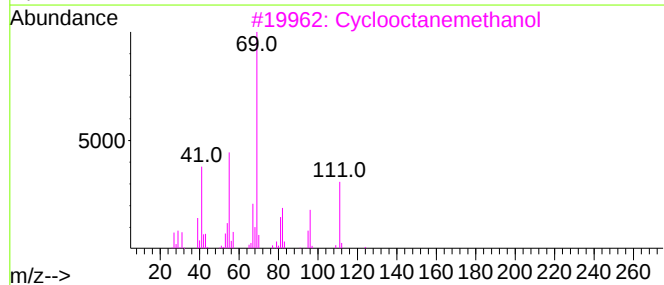
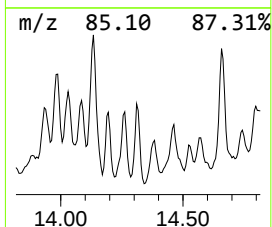
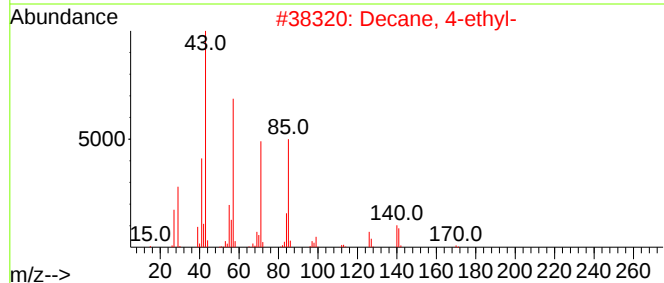
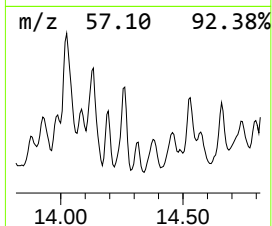
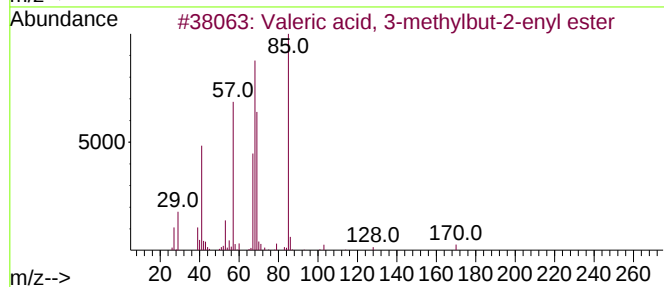
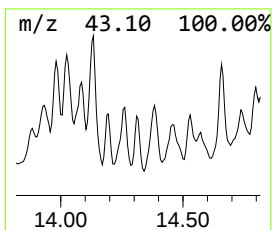
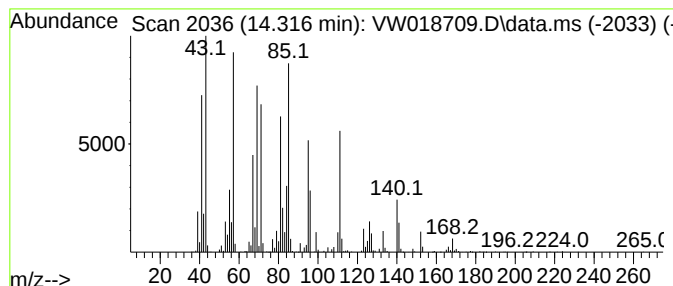
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Quant Title : SFAM01.0

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

Peak Number 33 unknown-04 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.316	39.80 ug/L	599321	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Valeric acid, 3-methylbut-2-enyl...	170	C10H18O2	1000292-48-5	38
2			Decane, 4-ethyl-	170	C12H26	001636-44-8	38
3			Cyclooctanemethanol	142	C9H18O	003637-63-6	27
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	25
5			Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

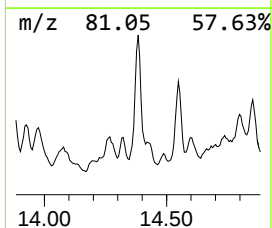
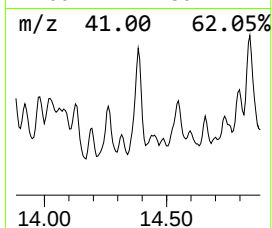
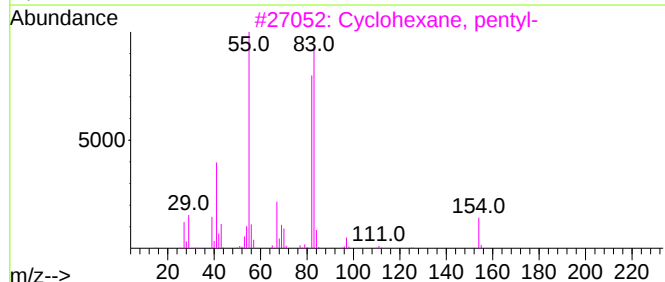
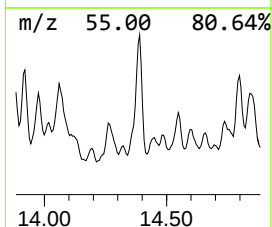
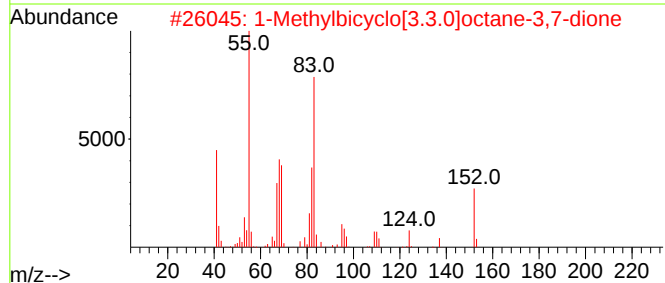
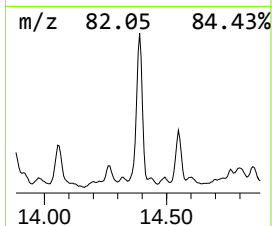
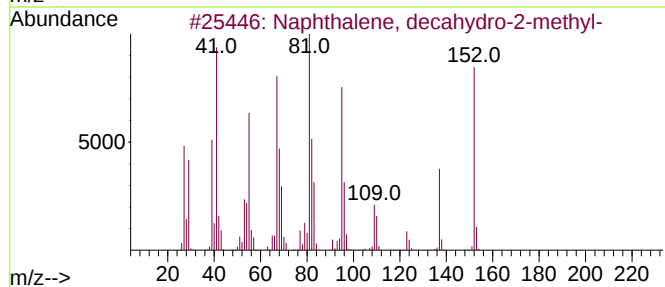
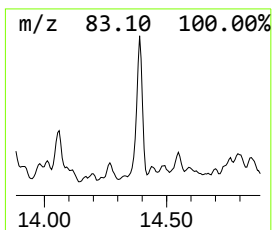
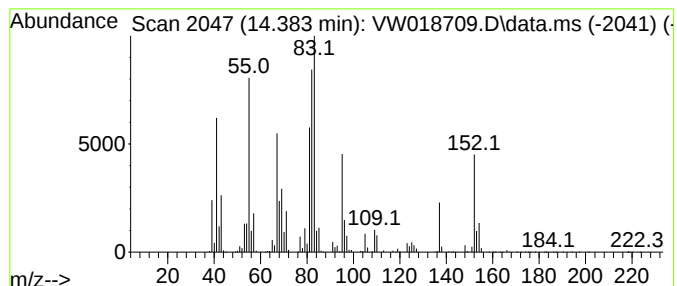
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Quant Title : SFAM01.0

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

Peak Number 34 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	315.05 ug/L	4744340	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2		1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	58
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
5		Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

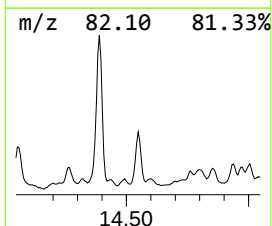
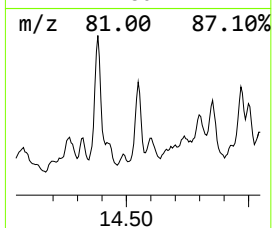
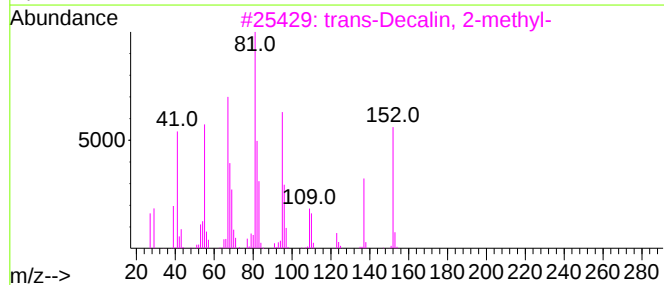
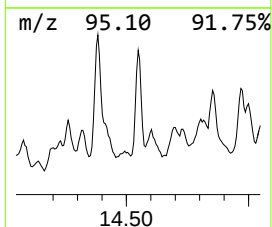
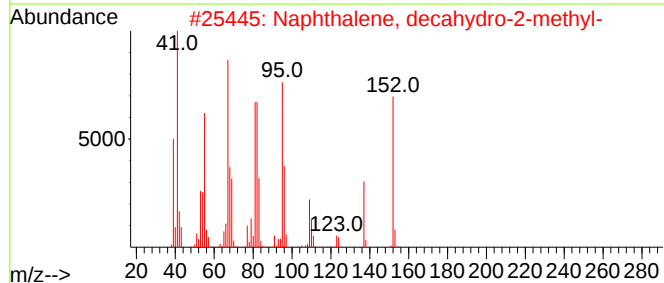
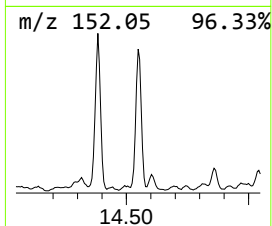
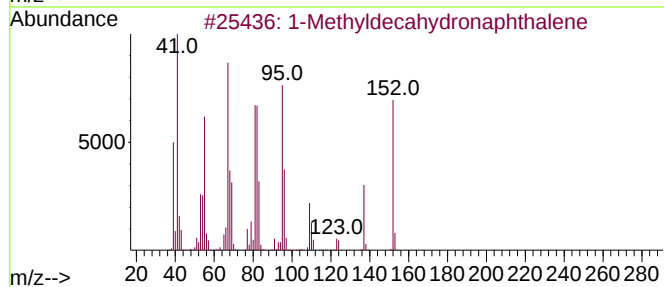
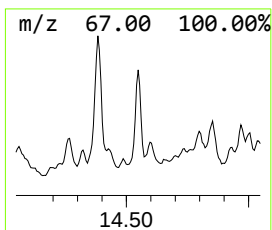
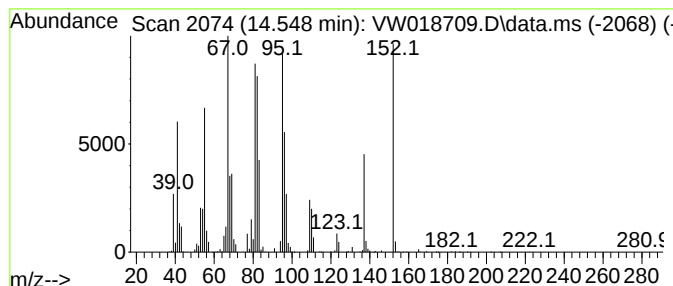
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Quant Title : SFAM01.0

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

Peak Number 35 1-Methyldecahydronaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.548	142.61 ug/L	2147530	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	81
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

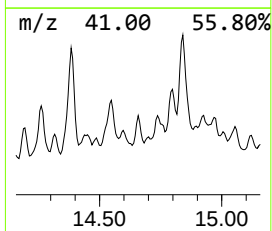
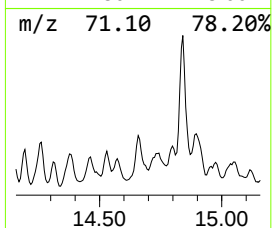
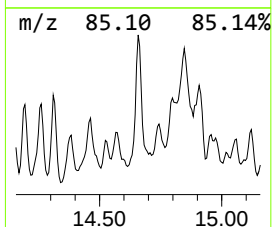
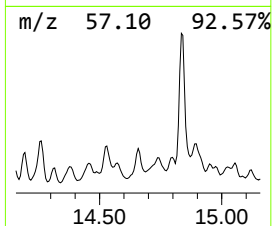
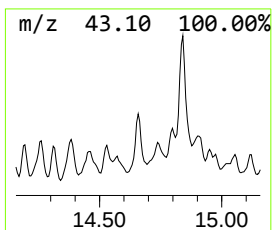
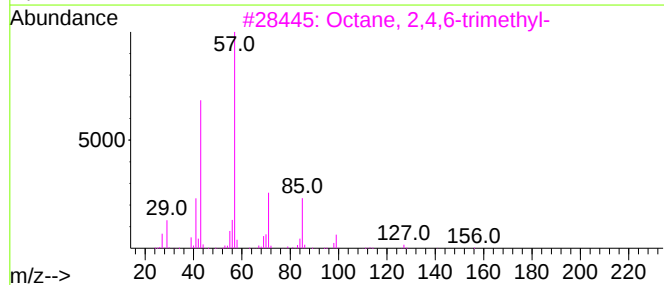
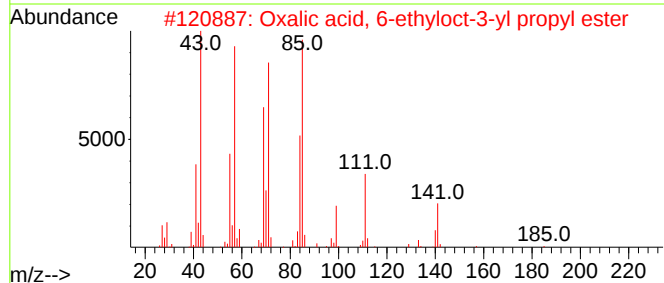
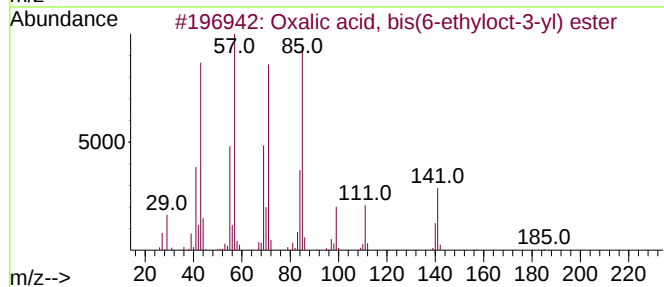
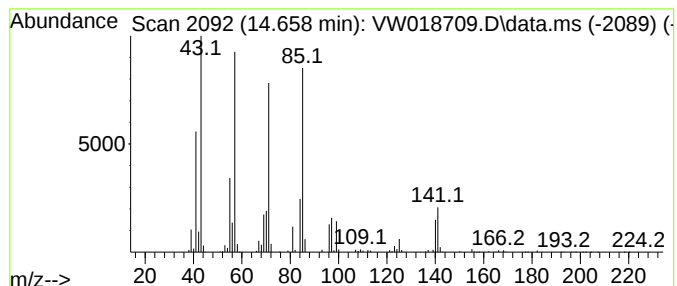
Instrument :
MSVOA_W
ClientSampleId :
BG567

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 36 Oxalic acid, bis(6-ethyloct... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.658	42.19 ug/L	635383	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Oxalic acid, bis(6-ethyloct-3-yl...		370	C22H42O4	1000309-34-6	91
2	Oxalic acid, 6-ethyloct-3-yl pro...		272	C15H28O4	1000309-34-0	80
3	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	64
4	Decane, 2,3,8-trimethyl-		184	C13H28	062238-14-6	47
5	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

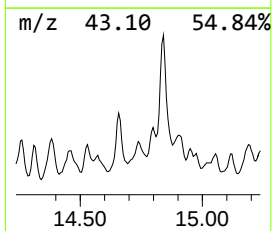
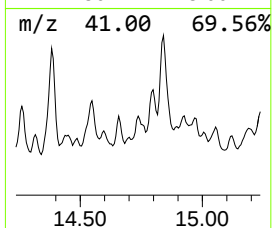
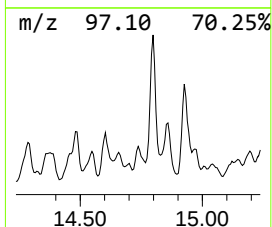
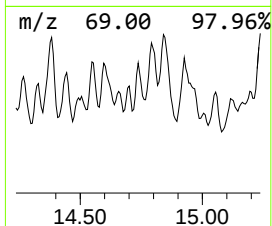
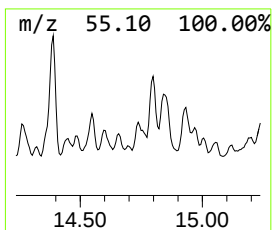
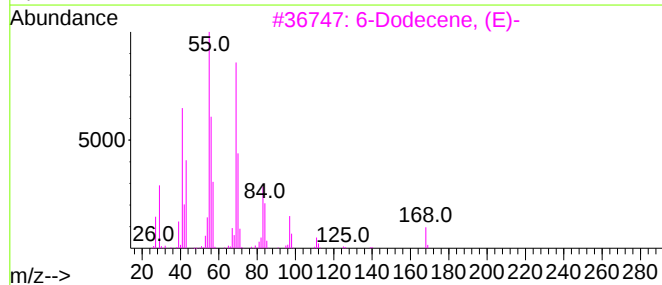
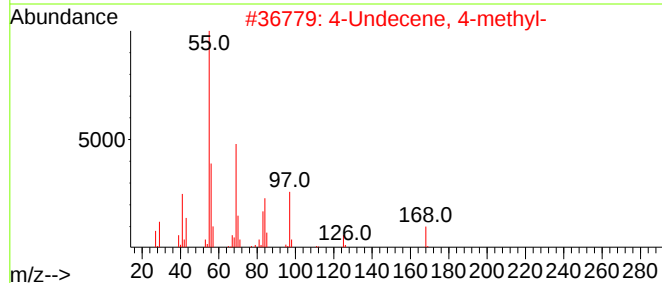
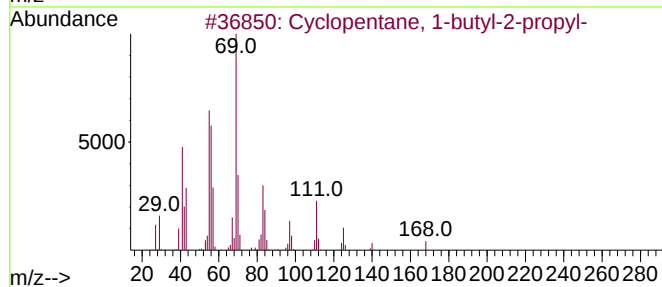
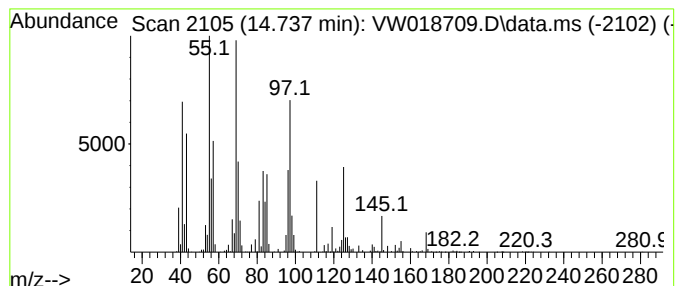
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Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Cyclic14.737 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.737	56.79 ug/L	855228	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	49
2		4-Undecene, 4-methyl-	168	C12H24	061142-40-3	46
3		6-Dodecene, (E)-	168	C12H24	007206-17-9	46
4		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43
5		3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

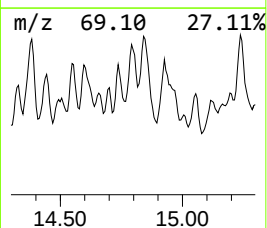
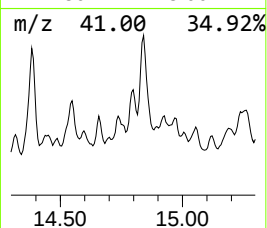
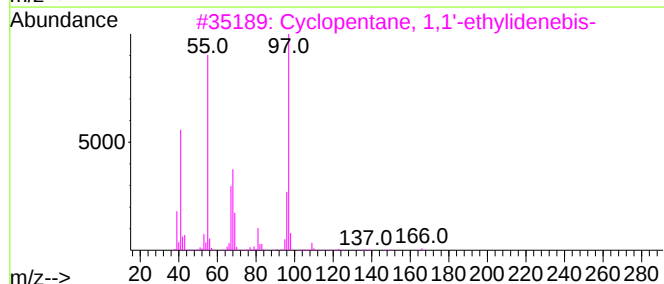
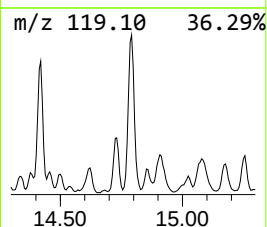
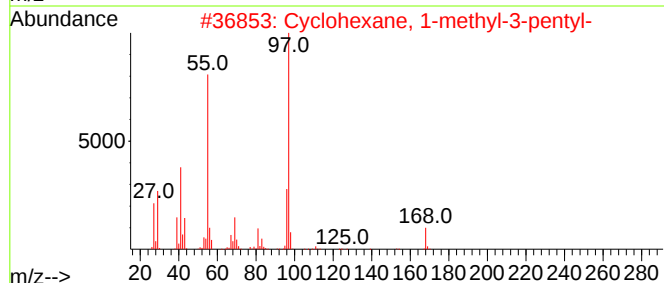
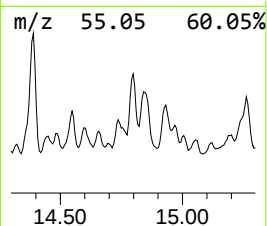
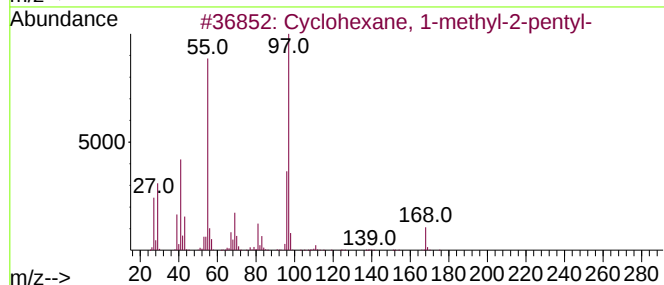
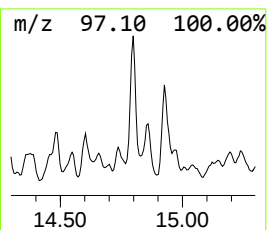
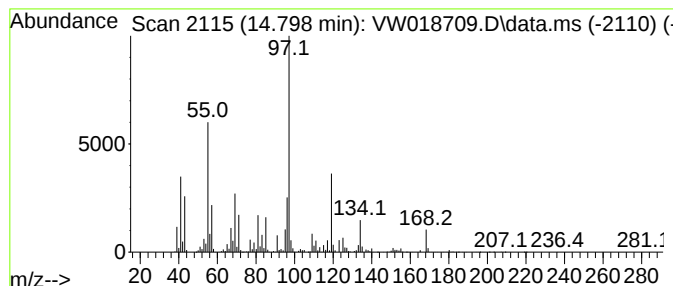
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Quant Title : SFAM01.0

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

Peak Number 38 (DEL) Alkane: Cyclic14.798 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	157.64 ug/L	2373860	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	64
2			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	52
3			Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	47
4			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	47
5			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

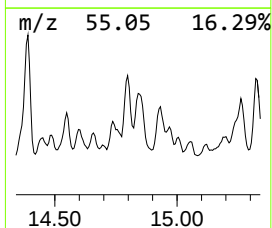
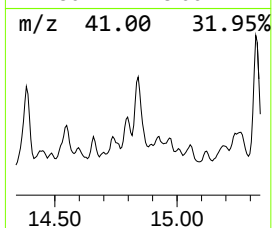
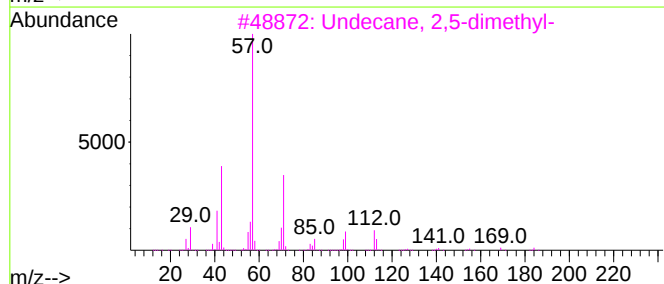
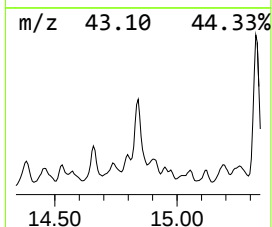
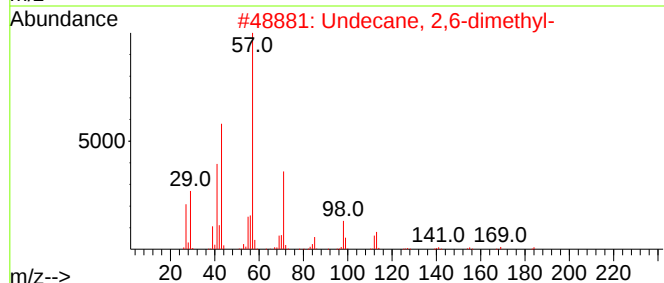
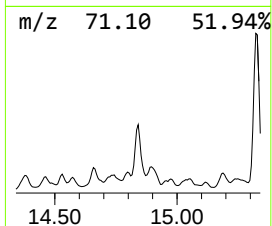
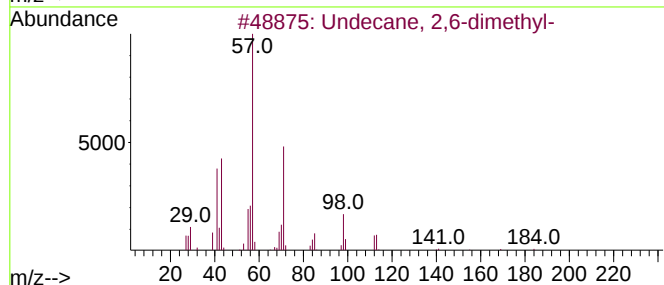
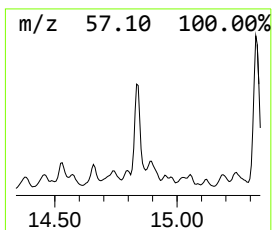
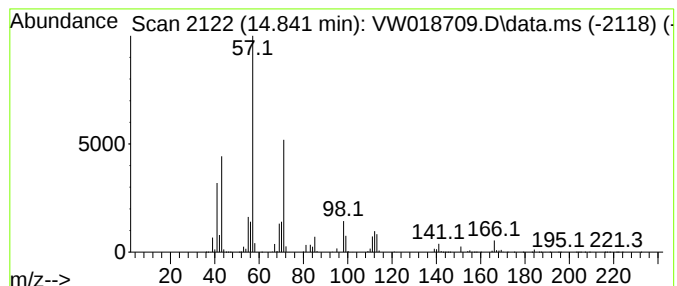
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Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.841	265.45 ug/L	3997350	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	60
4			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	59
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

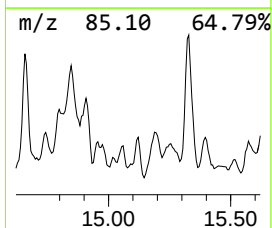
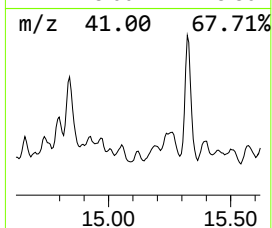
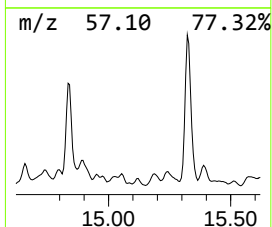
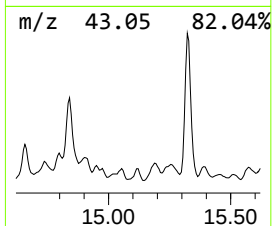
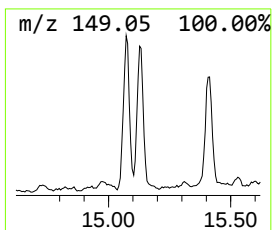
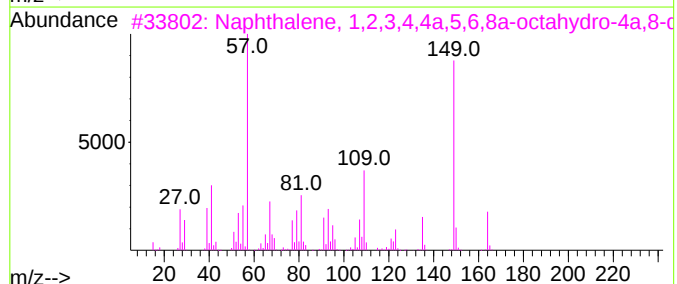
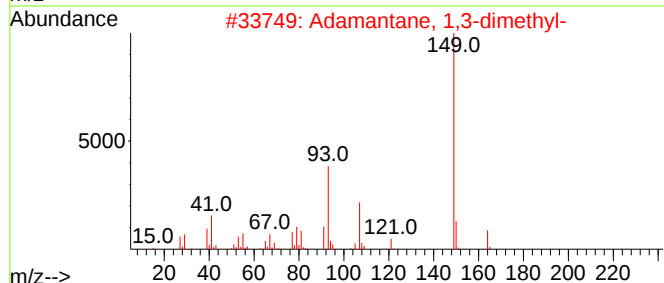
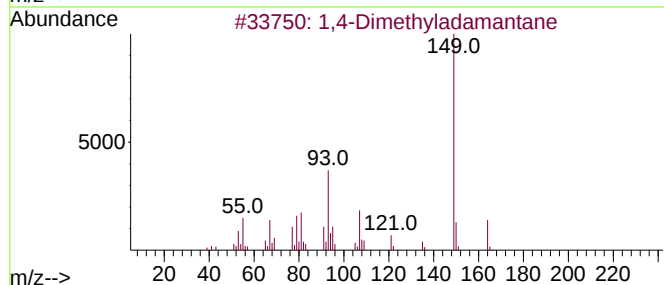
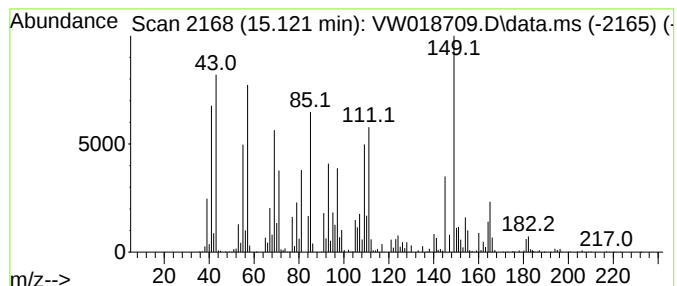
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Quant Title : SFAM01.0

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

Peak Number 40 unknown-05 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	35.41 ug/L	533187	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dimethyladamantane	164	C12H20	024145-89-9	38
2			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	30
3			Naphthalene, 1,2,3,4,4a,5,6,8a-o...	164	C12H20	055976-09-5	30
4			1,4-Dimethyladamantane	164	C12H20	024145-88-8	30
5			Phthalic acid, isohexyl pent-2-e...	314	C19H22O4	1000315-45-7	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

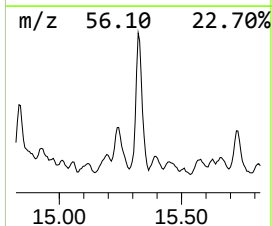
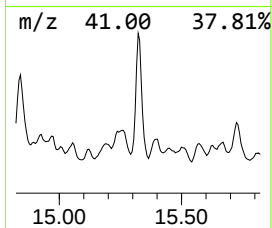
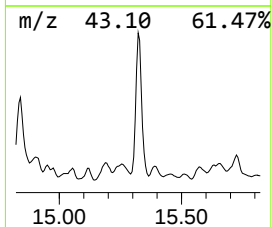
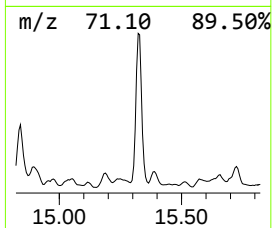
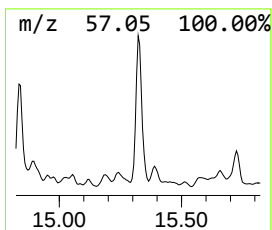
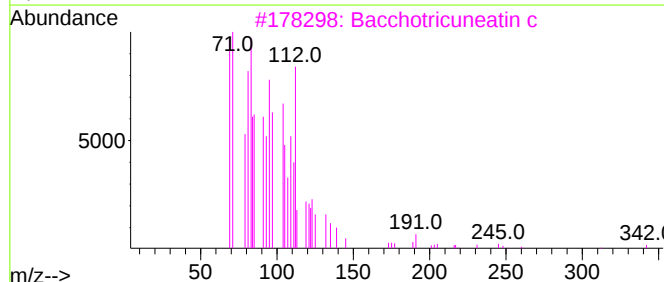
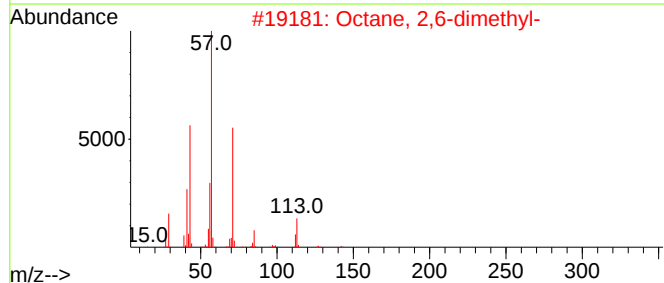
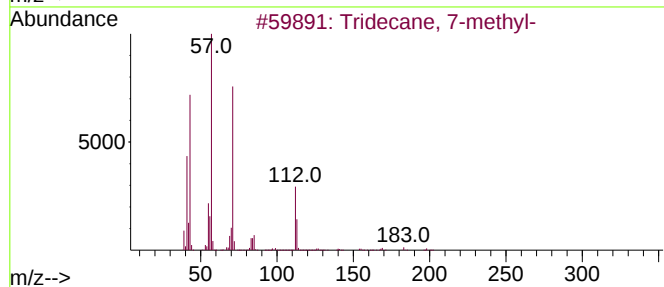
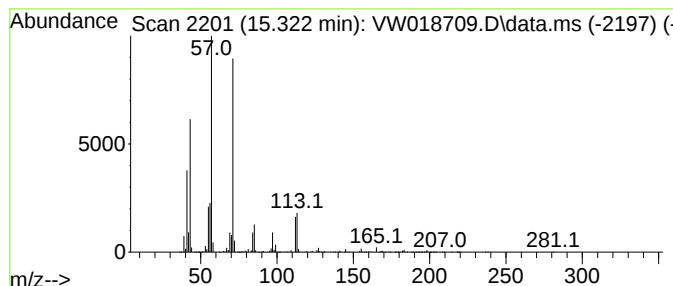
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Quant Title : SFAM01.0

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	397.42 ug/L	5984710	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	87
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	83
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

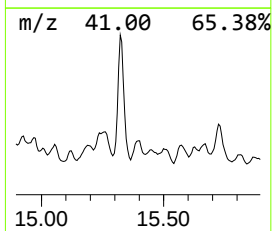
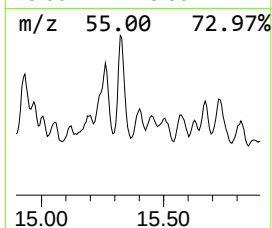
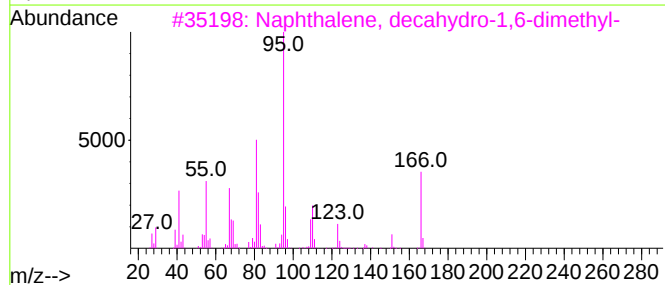
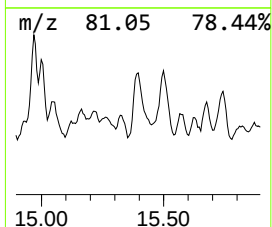
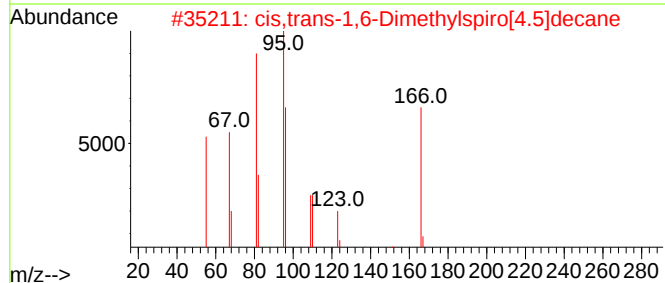
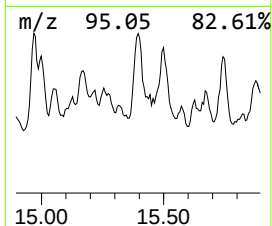
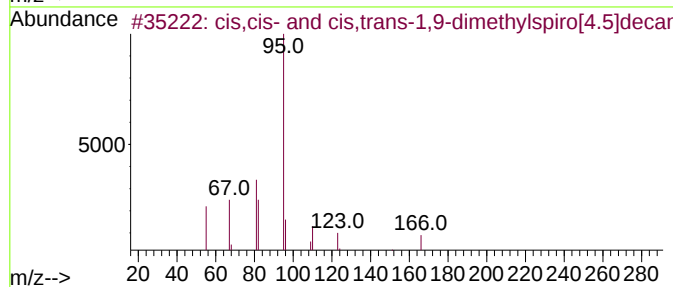
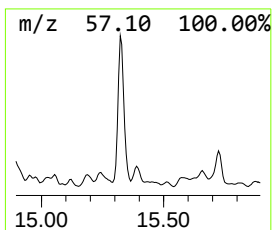
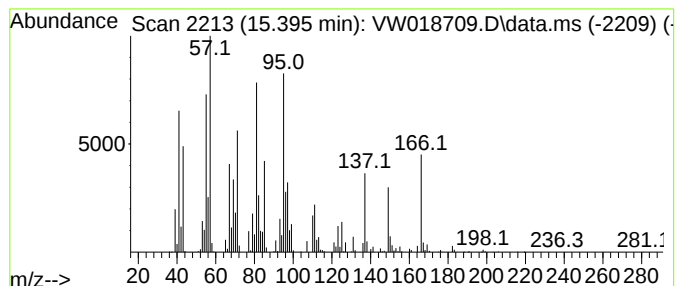
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Quant Title : SFAM01.0

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

Peak Number 42 unknown-06 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.395	77.09 ug/L	1160860	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis,cis- and cis,trans-1,9-dimet...	166	C12H22	1000111-72-5	30
2			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	25
3			Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	25
4			trans,trans-1,6-Dimethylspiro[4...	166	C12H22	1000111-72-1	25
5			3-Octyne, 2,2,7-trimethyl-	152	C11H20	055402-13-6	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

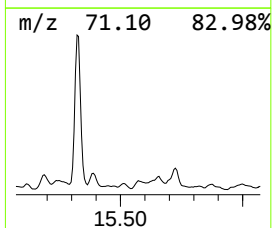
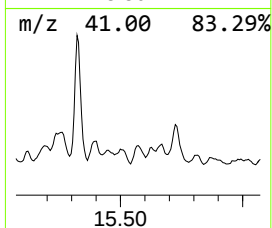
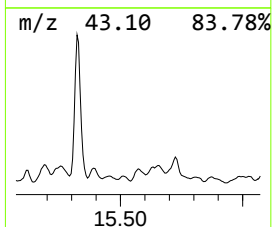
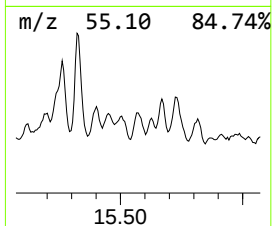
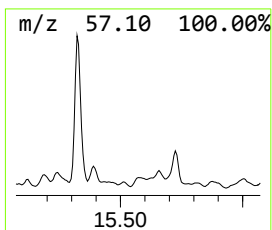
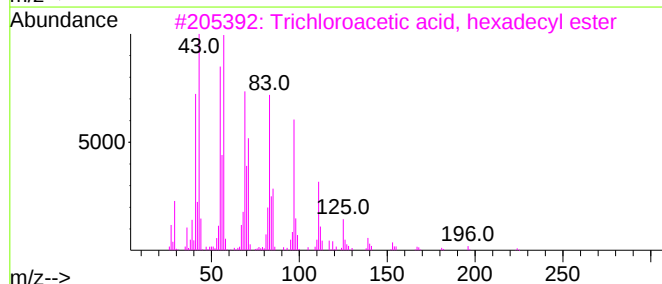
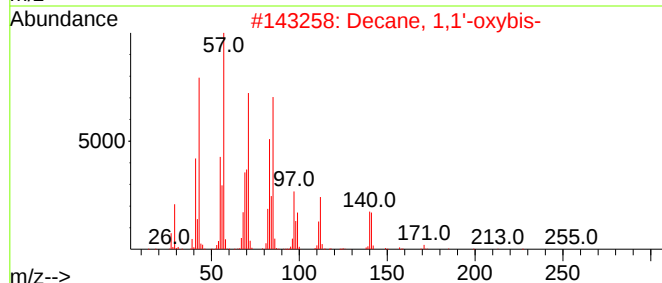
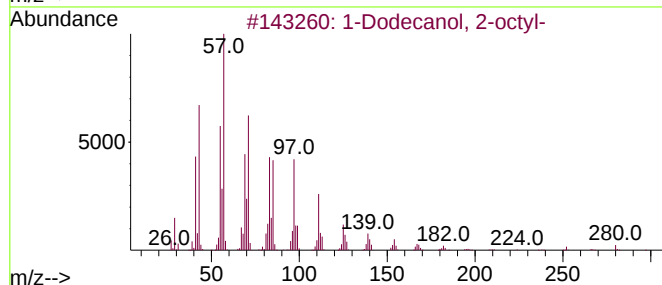
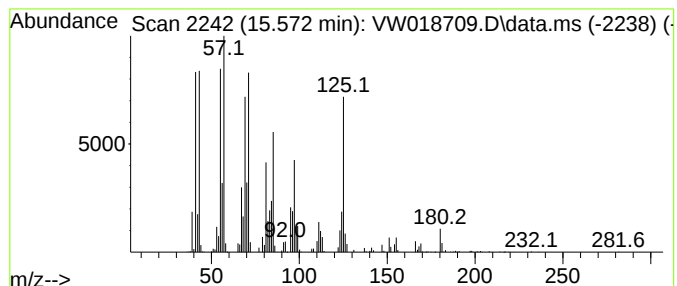
Instrument :
MSVOA_W
ClientSampleId :
BG567

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Quant Title : SFAM01.0

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

Peak Number 43 1-Dodecanol, 2-octyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.572	59.40 ug/L	894435	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-		298	C20H42O	005333-42-6	52
2	Decane, 1,1'-oxybis-		298	C20H42O	002456-28-2	43
3	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	38
4	Tridecane		184	C13H28	000629-50-5	38
5	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

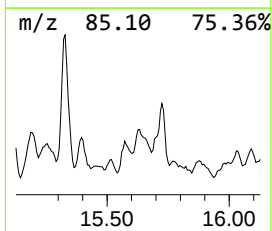
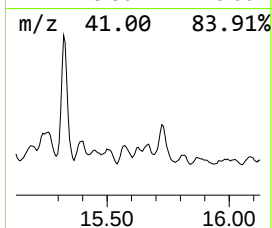
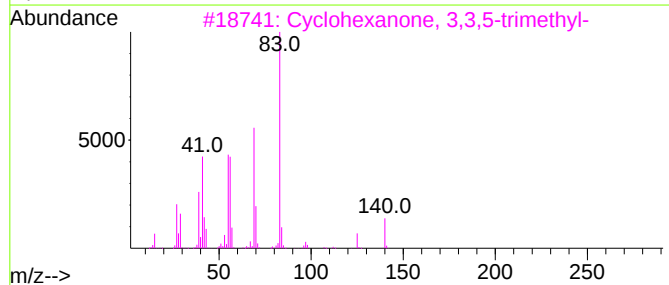
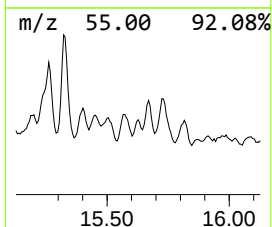
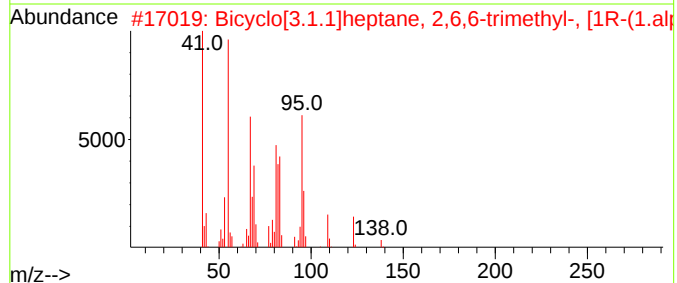
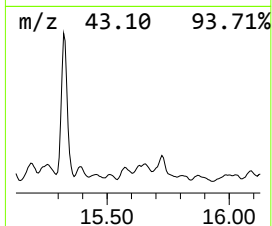
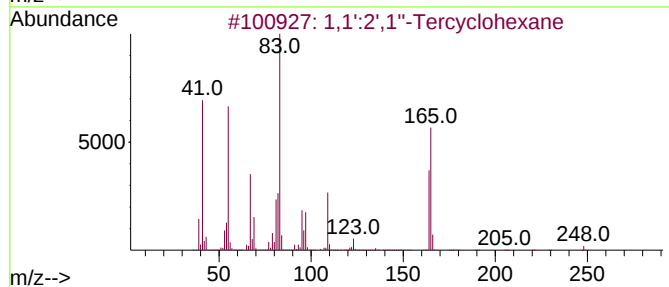
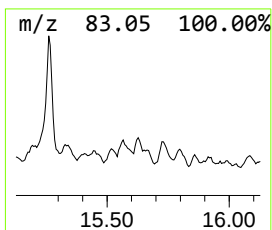
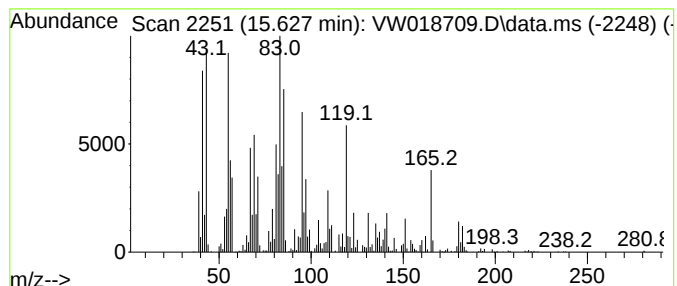
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Quant Title : SFAM01.0

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

Peak Number 44 unknown-07 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	33.32 ug/L	501813	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1':2',1''-Tercyclohexane	248	C18H32	002456-43-1	35		
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	25		
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	18		
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	18		
5	Tridecanedial	212	C13H24O2	063521-76-6	18		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

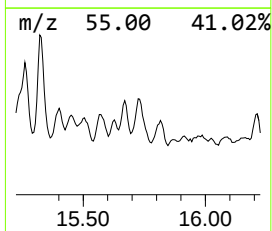
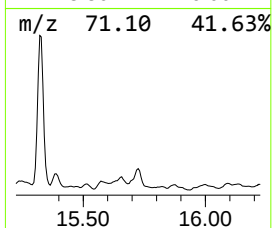
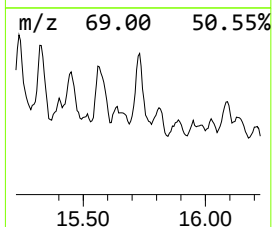
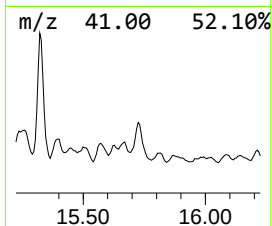
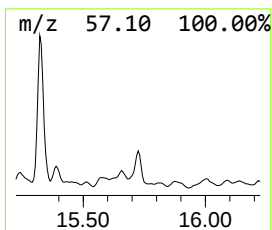
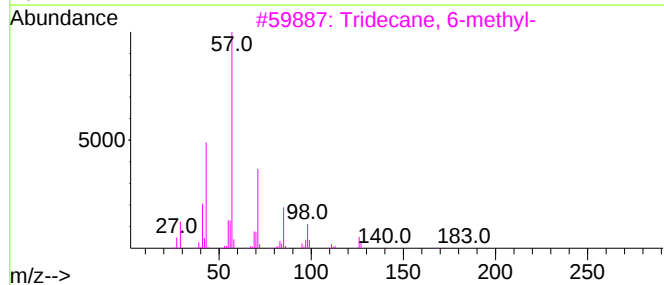
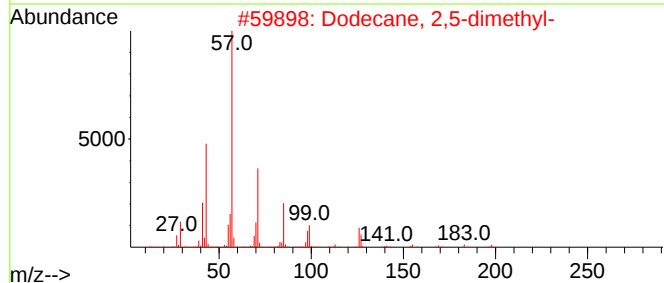
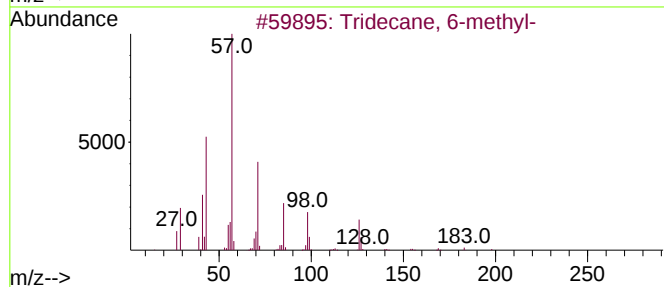
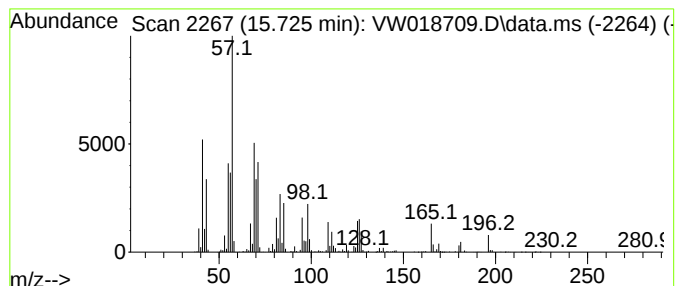
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Quant Title : SFAM01.0

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.725	159.20 ug/L	2397420	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
2		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	49
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
4		Nonane, 4-methyl-	142	C10H22	017301-94-9	35
5		Undecane, 5-ethyl-	184	C13H28	017453-94-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018709.D
Acq On : 21 Apr 2021 13:58
Operator : SY/VA
Sample : M2065-14
Misc : 3.49G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG567

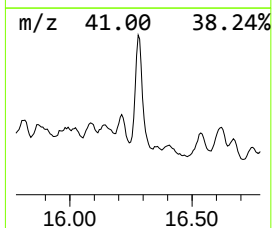
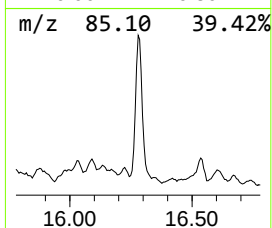
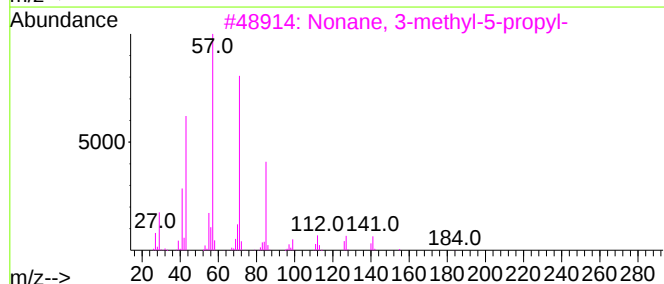
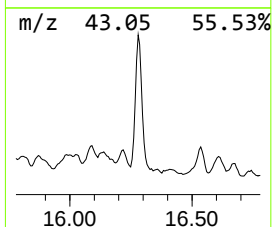
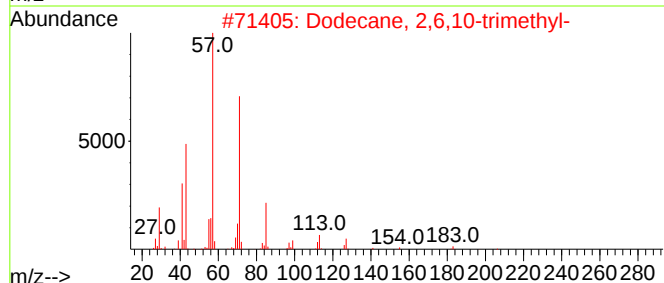
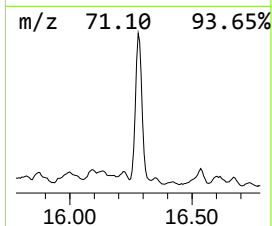
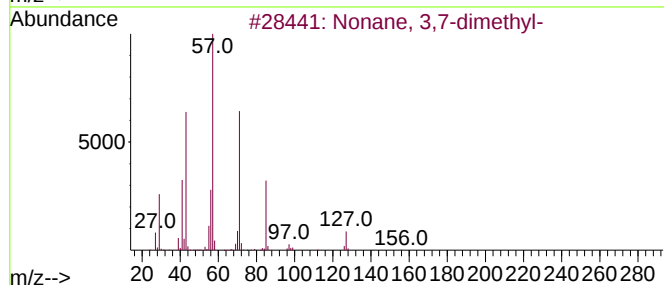
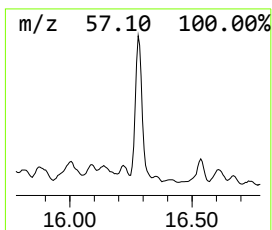
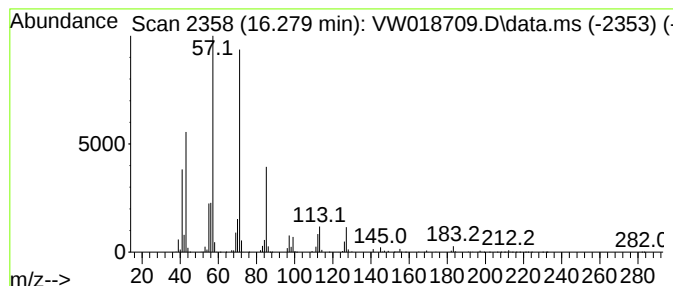
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Quant Title : SFAM01.0

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	250.56 ug/L	3773220	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018709.D
 Acq On : 21 Apr 2021 13:58
 Operator : SY/VA
 Sample : M2065-14
 Misc : 3.49G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG567

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...	11.036	3.4	ug/L	190632	2	11.634	1393710	25.0
(DEL) Alkane: C...	11.183	1.6	ug/L	88984	2	11.634	1393710	25.0
(DEL) Alkane: C...	11.232	5.4	ug/L	298777	2	11.634	1393710	25.0
(DEL) Alkane: S...	11.341	3.1	ug/L	173070	2	11.634	1393710	25.0
(DEL) Alkane: C...	11.439	3.9	ug/L	214909	2	11.634	1393710	25.0
(DEL) Alkane: C...	11.975	2.8	ug/L	158533	2	11.634	1393710	25.0
(DEL) Alkane: S...	12.006	1.7	ug/L	95535	2	11.634	1393710	25.0
(DEL) Alkane: S...	12.061	5.8	ug/L	325870	2	11.634	1393710	25.0
(DEL) Alkane: S...	12.250	32.3	ug/L	1799790	2	11.634	1393710	25.0
(DEL) Alkane: S...	12.365	56.7	ug/L	3158680	2	11.634	1393710	25.0
(DEL) Alkane: C...	12.457	5.5	ug/L	305372	2	11.634	1393710	25.0
(DEL) Alkane: S...	12.499	21.9	ug/L	1218330	2	11.634	1393710	25.0
(DEL) Alkane: C...	12.621	42.5	ug/L	640236	3	13.560	376472	25.0
(DEL) Alkane: C...	12.780	90.0	ug/L	1355990	3	13.560	376472	25.0
(DEL) Alkane: C...	12.859	94.4	ug/L	1421410	3	13.560	376472	25.0
(DEL) Alkane: C...	12.945	163.1	ug/L	2455890	3	13.560	376472	25.0
(DEL) Alkane: S...	13.079	120.0	ug/L	1807300	3	13.560	376472	25.0
unknown-01	13.128	83.1	ug/L	1251830	3	13.560	376472	25.0
(DEL) Alkane: S...	13.164	67.2	ug/L	1011440	3	13.560	376472	25.0
unknown-02	13.262	9.5	ug/L	143445	3	13.560	376472	25.0
(DEL) Alkane: S...	13.292	79.6	ug/L	1198740	3	13.560	376472	25.0
(DEL) Alkane: S...	13.347	78.6	ug/L	1183300	3	13.560	376472	25.0
D-Limonene	13.469	416.9	ug/L	6278780	3	13.560	376472	25.0
(DEL) Alkane: C...	13.695	92.4	ug/L	1391000	3	13.560	376472	25.0
Sulfurous acid,...	13.920	87.5	ug/L	1318140	3	13.560	376472	25.0
unknown-03	13.981	92.3	ug/L	1389370	3	13.560	376472	25.0
(DEL) Alkane: S...	14.018	37.1	ug/L	558042	3	13.560	376472	25.0
(DEL) Alkane: S...	14.194	76.2	ug/L	1146760	3	13.560	376472	25.0
(DEL) Alkane: S...	14.261	119.0	ug/L	1791780	3	13.560	376472	25.0
unknown-04	14.316	39.8	ug/L	599321	3	13.560	376472	25.0
Naphthalene, de...	14.383	315.1	ug/L	4744340	3	13.560	376472	25.0
1-Methyldecahyd...	14.548	142.6	ug/L	2147530	3	13.560	376472	25.0
Oxalic acid, bi...	14.658	42.2	ug/L	635383	3	13.560	376472	25.0
(DEL) Alkane: C...	14.737	56.8	ug/L	855228	3	13.560	376472	25.0
(DEL) Alkane: C...	14.798	157.6	ug/L	2373860	3	13.560	376472	25.0
(DEL) Alkane: S...	14.841	265.4	ug/L	3997350	3	13.560	376472	25.0
unknown-05	15.121	35.4	ug/L	533187	3	13.560	376472	25.0
(DEL) Alkane: S...	15.322	397.4	ug/L	5984710	3	13.560	376472	25.0
unknown-06	15.395	77.1	ug/L	1160860	3	13.560	376472	25.0
1-Dodecanol, 2-...	15.572	59.4	ug/L	894435	3	13.560	376472	25.0
unknown-07	15.627	33.3	ug/L	501813	3	13.560	376472	25.0
(DEL) Alkane: S...	15.725	159.2	ug/L	2397420	3	13.560	376472	25.0
(DEL) Alkane: S...	16.279	250.6	ug/L	3773220	3	13.560	376472	25.0