

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018710.D
 Acq On : 21 Apr 2021 14:21
 Operator : SY/VA
 Sample : M2065-15RE
 Misc : 3.53G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG568RE

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: VW018710.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	46	rBV3	10376	20933	0.68%	0.051%
2	2.361	66	75	89	rVB	116552	238562	7.76%	0.582%
3	2.501	95	98	105	rVB3	2780	7014	0.23%	0.017%
4	2.898	155	163	179	rVB2	79490	203433	6.62%	0.496%
5	3.007	179	181	182	rBV	1201	689	0.02%	0.002%
6	3.391	239	244	255	rVB4	4146	10306	0.34%	0.025%
7	3.495	259	261	266	rVB5	550	772	0.03%	0.002%
8	3.593	273	277	278	rBV3	572	813	0.03%	0.002%
9	3.629	280	283	286	rVB5	493	721	0.02%	0.002%
10	3.690	291	293	298	rVB5	533	660	0.02%	0.002%
11	4.025	335	348	361	rBV2	145497	441858	14.38%	1.078%
12	4.135	361	366	377	rVB	8184	20899	0.68%	0.051%
13	4.391	397	408	427	rBV2	19153	96213	3.13%	0.235%
14	4.733	461	464	468	rVB5	767	1142	0.04%	0.003%
15	4.775	468	471	473	rBV3	742	862	0.03%	0.002%
16	4.922	479	495	512	rBV3	49095	175347	5.70%	0.428%
17	5.202	536	541	544	rBV5	1120	2063	0.07%	0.005%
18	5.422	572	577	578	rBV3	1562	2753	0.09%	0.007%
19	5.440	578	580	584	rVB5	1020	1679	0.05%	0.004%
20	5.745	626	630	631	rBV2	1022	1140	0.04%	0.003%
21	5.781	633	636	637	rVV2	937	1111	0.04%	0.003%
22	5.806	637	640	643	rVB4	953	1436	0.05%	0.004%
23	5.952	653	664	674	rVB4	10891	34828	1.13%	0.085%
24	6.196	701	704	707	rBV4	813	691	0.02%	0.002%
25	6.293	715	720	721	rVV5	753	1203	0.04%	0.003%
26	6.312	721	723	728	rVB4	911	1049	0.03%	0.003%
27	6.501	750	754	756	rBV4	570	895	0.03%	0.002%
28	6.537	758	760	763	rBV3	575	683	0.02%	0.002%
29	6.635	774	776	781	rVB4	781	1198	0.04%	0.003%
30	6.696	781	786	787	rBV5	656	921	0.03%	0.002%
31	6.732	789	792	796	rVB3	1004	1012	0.03%	0.002%
32	6.763	796	797	802	rVB5	460	717	0.02%	0.002%
33	6.848	807	811	812	rBV2	1127	1085	0.04%	0.003%
34	6.885	812	817	820	rBV6	1923	4380	0.14%	0.011%
35	6.988	829	834	841	rVB7	3115	6953	0.23%	0.017%
36	7.086	841	850	854	rBV	41640	105836	3.44%	0.258%

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Stop Thrs : 0

Peak Location: TOP

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

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

37	7.147	855	860	876	rVB2	43733	129941	4.23%	0.317%
38	7.330	888	890	892	rBV3	674	594	0.02%	0.001%
39	7.391	898	900	903	rBV4	883	901	0.03%	0.002%
40	7.525	918	922	923	rBV5	1701	1672	0.05%	0.004%
41	7.653	932	943	958	rBV	296663	733825	23.87%	1.790%
42	7.836	971	973	974	rBV2	935	673	0.02%	0.002%
43	7.860	974	977	978	rBV3	1423	996	0.03%	0.002%
44	7.958	987	993	999	rBV9	5848	15218	0.50%	0.037%
45	8.037	999	1006	1014	rVB4	9080	22127	0.72%	0.054%
46	8.165	1020	1027	1032	rBV10	4407	10757	0.35%	0.026%
47	8.275	1034	1045	1063	rVV3	523134	1720338	55.97%	4.195%
48	8.397	1063	1065	1066	rBV2	2228	1527	0.05%	0.004%
49	8.482	1072	1079	1088	rVB	37390	97638	3.18%	0.238%
50	8.842	1130	1138	1149	rBV	692000	1405609	45.73%	3.428%
51	9.073	1171	1176	1184	rBV2	27715	61529	2.00%	0.150%
52	9.274	1202	1209	1216	rBV	370293	787144	25.61%	1.920%
53	9.335	1216	1219	1224	rVB4	38195	69928	2.28%	0.171%
54	9.762	1283	1289	1299	rVB	54028	108734	3.54%	0.265%
55	9.896	1305	1311	1318	rBV	68499	136368	4.44%	0.333%
56	10.037	1328	1334	1346	rBV	150259	295995	9.63%	0.722%
57	10.250	1364	1369	1374	rVB	63551	113313	3.69%	0.276%
58	10.323	1375	1381	1389	rBV	638985	1151607	37.47%	2.808%
59	10.579	1418	1423	1429	rBV	92635	158898	5.17%	0.388%
60	10.707	1440	1444	1449	rVB2	59668	97468	3.17%	0.238%
61	10.927	1475	1480	1489	rBV2	191178	355478	11.57%	0.867%
62	11.036	1495	1498	1500	rBV2	40982	57609	1.87%	0.140%
63	11.177	1519	1521	1524	rVB2	28453	30611	1.00%	0.075%
64	11.231	1527	1530	1536	rVB3	47805	77245	2.51%	0.188%
65	11.439	1560	1564	1569	rBV3	103242	205184	6.68%	0.500%
66	11.634	1590	1596	1603	rVB	783148	1379357	44.88%	3.364%
67	11.878	1632	1636	1640	rVB	107953	145122	4.72%	0.354%
68	12.140	1674	1679	1682	rBV3	130304	262386	8.54%	0.640%
69	12.250	1693	1697	1702	rVB	308533	491033	15.98%	1.197%
70	12.365	1704	1716	1723	rVV3	316112	1049469	34.14%	2.559%
71	12.463	1728	1732	1733	rBV4	104442	142172	4.63%	0.347%
72	12.591	1748	1753	1762	rBV2	470849	1470546	47.84%	3.586%
73	12.695	1766	1770	1776	rVB3	435638	977735	31.81%	2.384%
74	12.859	1792	1797	1801	rBV6	205889	452349	14.72%	1.103%
75	12.926	1802	1808	1816	rBV7	560351	1866867	60.74%	4.553%
76	13.079	1830	1833	1836	rBV3	199570	246800	8.03%	0.602%

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77	13.127	1837	1841	1844	rBV2	205009	289743	9.43%	0.707%
78	13.164	1844	1847	1849	rBV2	264705	347532	11.31%	0.848%
79	13.292	1864	1868	1873	rBV	436419	714372	23.24%	1.742%
80	13.341	1873	1876	1880	rVV2	311954	437334	14.23%	1.067%
81	13.377	1880	1882	1884	rVV3	138068	184116	5.99%	0.449%
82	13.408	1884	1887	1890	rVV	556860	890304	28.97%	2.171%
83	13.444	1891	1893	1897	rVV3	504517	733415	23.86%	1.789%
84	13.481	1897	1899	1903	rVB4	210762	276502	9.00%	0.674%
85	13.560	1908	1912	1915	rVV	574932	999101	32.50%	2.436%
86	13.603	1915	1919	1928	rVB	771766	1828310	59.48%	4.459%
87	13.701	1930	1935	1938	rBV3	246254	484578	15.77%	1.182%
88	13.877	1956	1964	1968	rBV3	740362	1868162	60.78%	4.556%
89	14.194	2012	2016	2021	rBV4	412457	714858	23.26%	1.743%
90	14.261	2023	2027	2033	rVB5	462640	895892	29.15%	2.185%
91	14.383	2042	2047	2051	rBV2	801151	1361966	44.31%	3.321%
92	14.499	2062	2066	2069	rBV5	531397	967181	31.47%	2.359%
93	14.737	2101	2105	2108	rBV3	246677	381229	12.40%	0.930%
94	14.792	2110	2114	2118	rVV2	513801	1025909	33.38%	2.502%
95	14.841	2118	2122	2129	rVB3	773168	1648361	53.63%	4.020%
96	15.060	2154	2158	2164	rBV4	310692	498472	16.22%	1.216%
97	15.322	2196	2201	2208	rBV	1769541	3073718	100.00%	7.496%
98	15.633	2248	2252	2253	rBV2	272372	404374	13.16%	0.986%
99	15.725	2264	2267	2275	rVB4	618651	1141479	37.14%	2.784%
100	16.279	2353	2358	2366	rVB	1098533	2114370	68.79%	5.156%

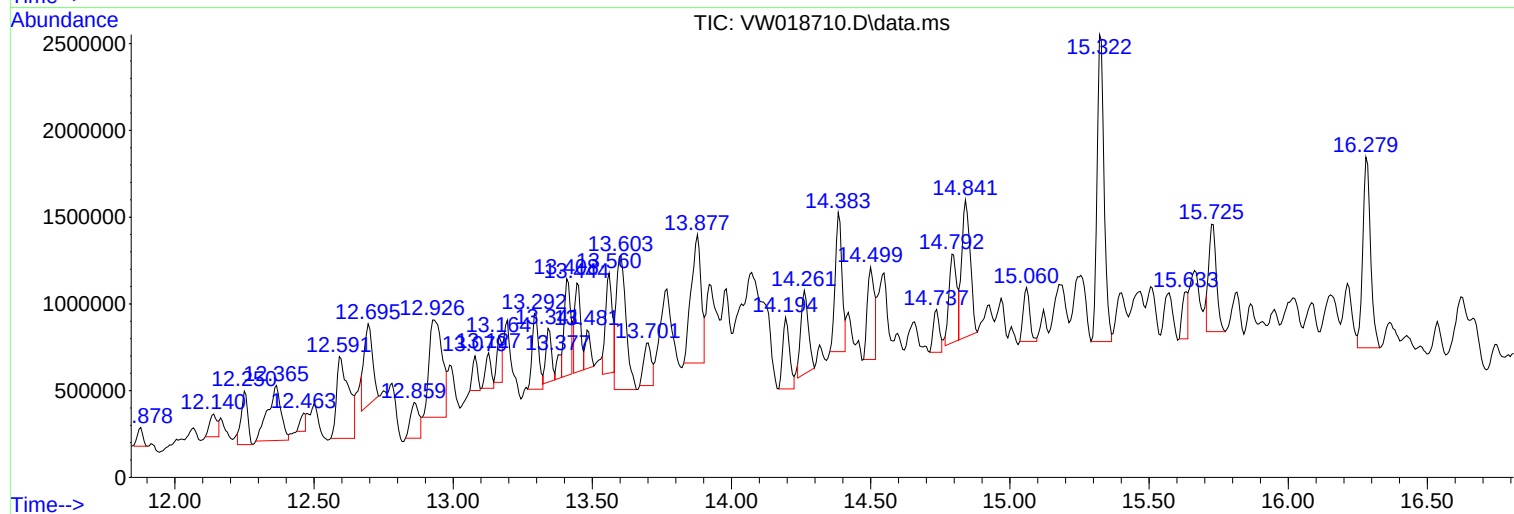
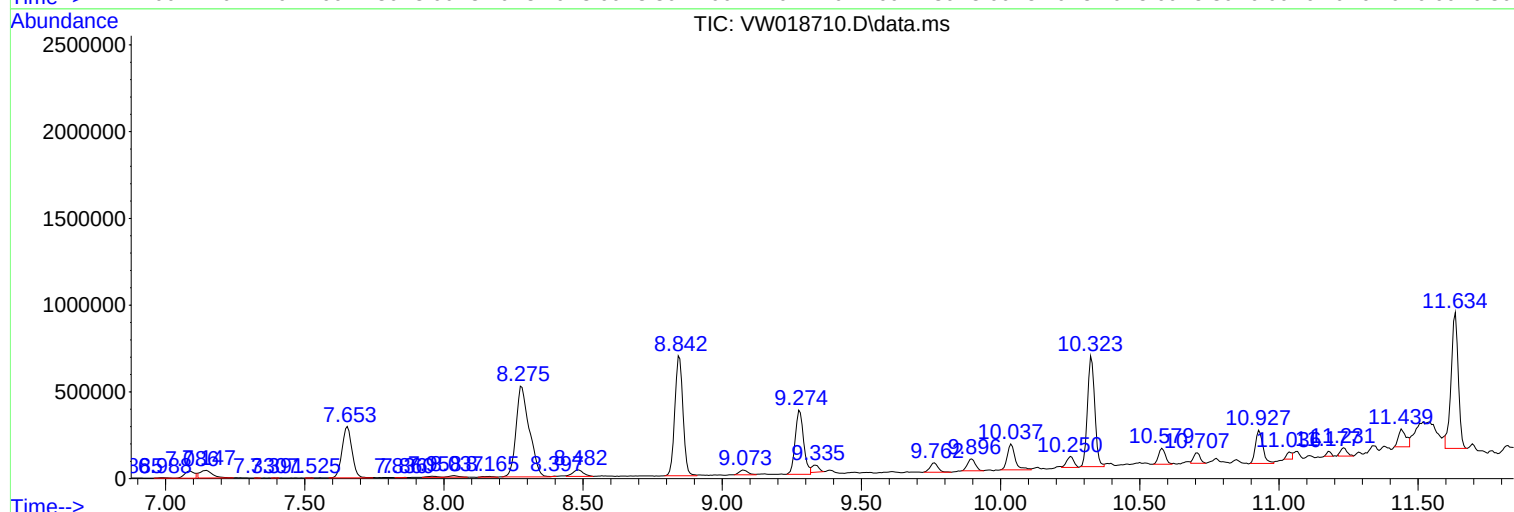
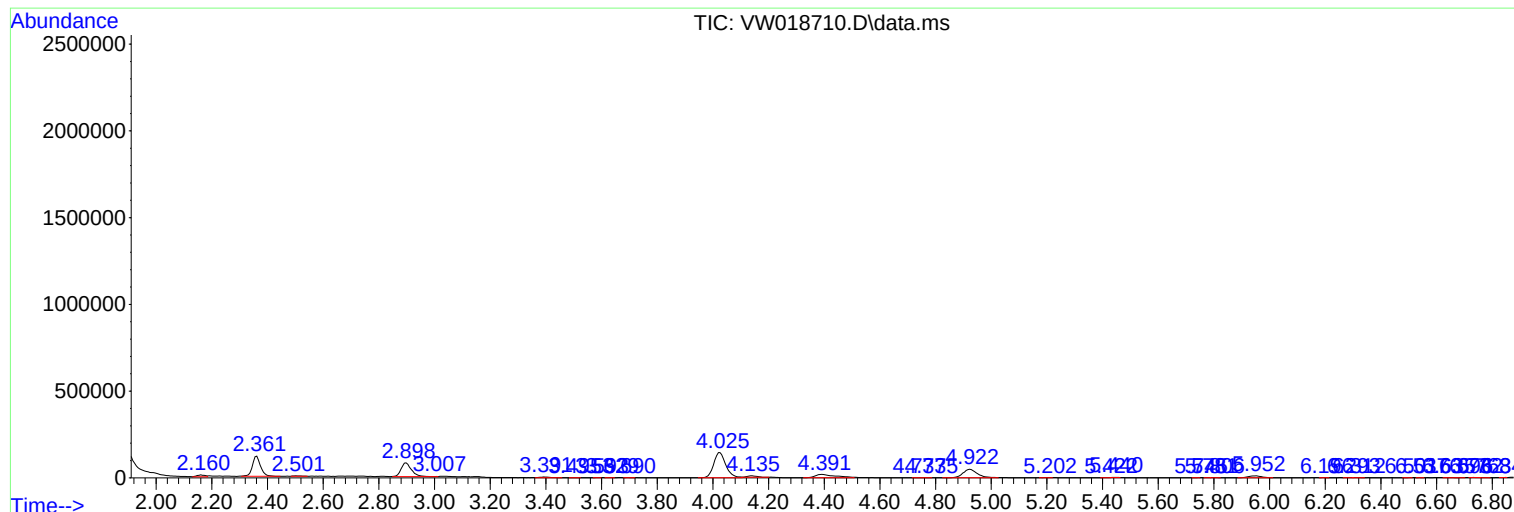
Sum of corrected areas: 41005898

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Instrument :
MSVOA_W
ClientSampleId :
BG568RE

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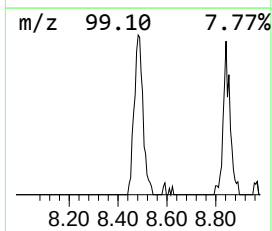
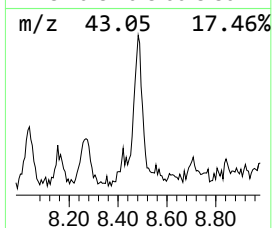
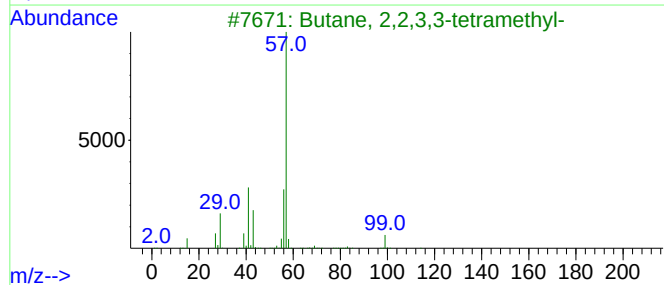
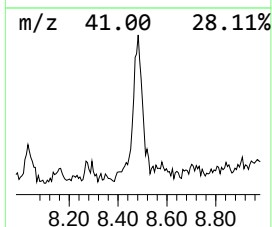
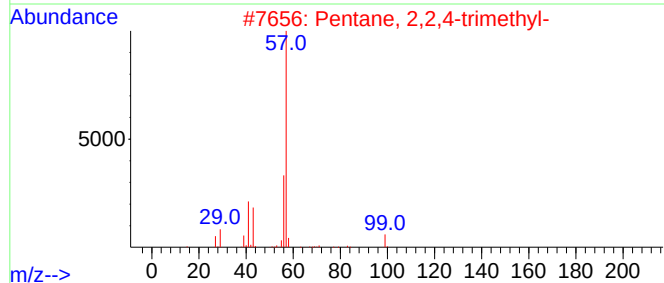
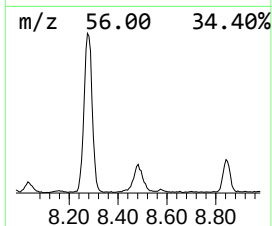
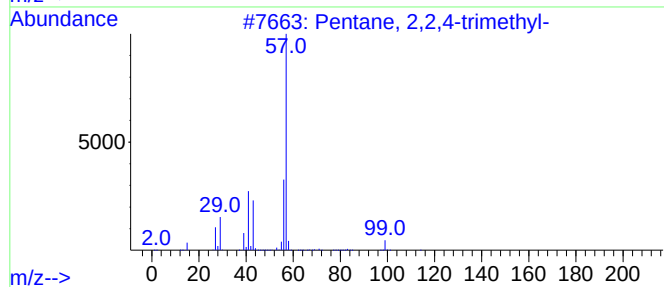
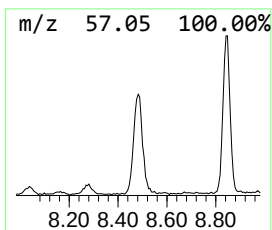
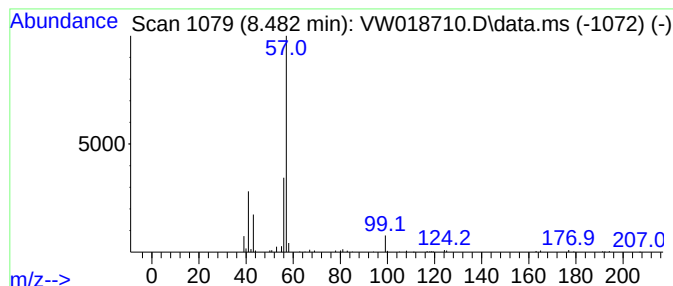
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.482	1.74 ug/L	97638	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
3			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	59
4			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
5			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	47



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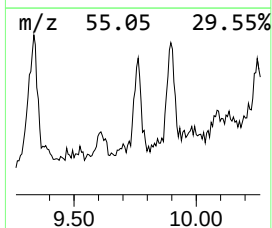
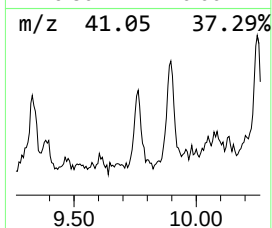
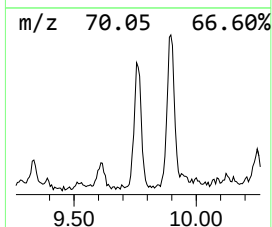
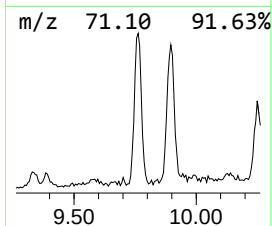
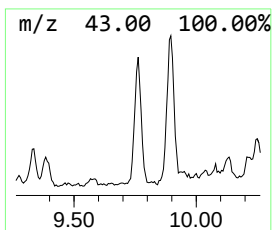
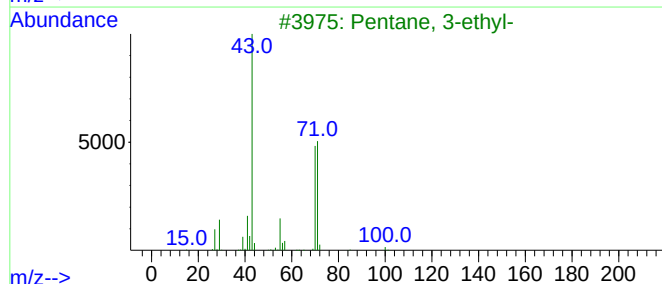
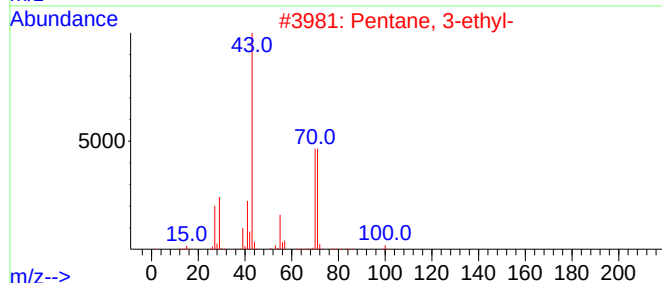
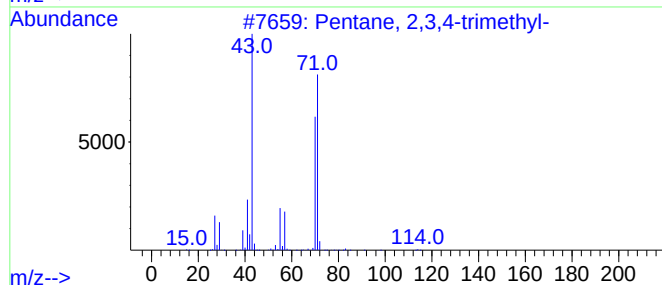
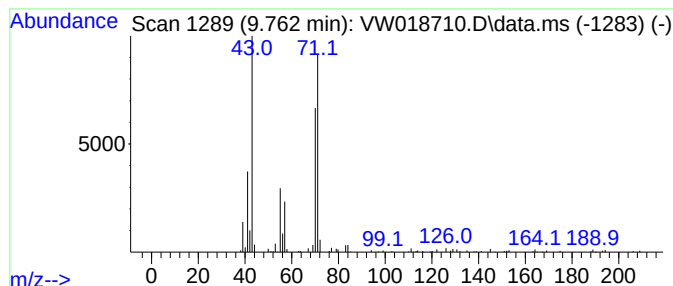
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.762	1.93 ug/L	108734	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2			Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
3			Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4			Propanoic acid, 2-methyl-, 2-met...	158	C9H18O2	002445-69-4	78
5			Hexane, 3-methyl-	100	C7H16	000589-34-4	78



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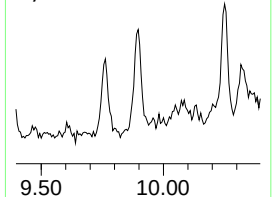
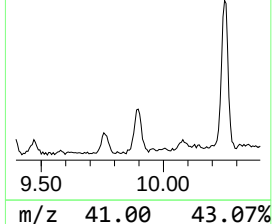
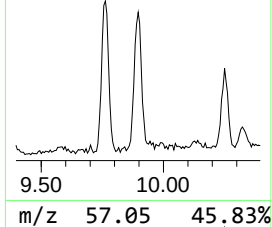
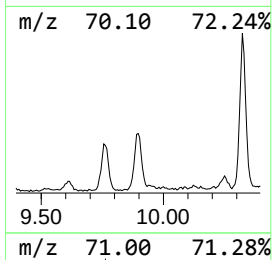
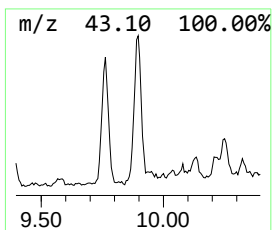
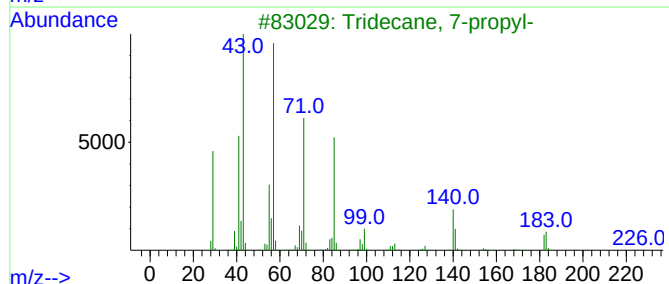
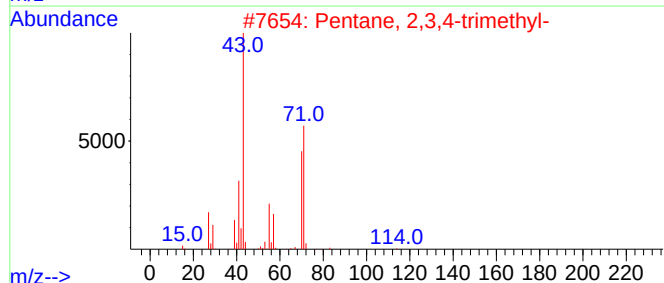
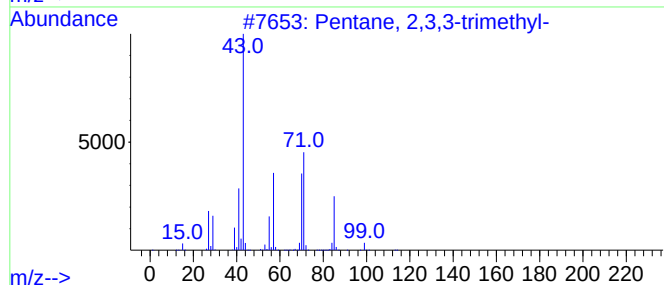
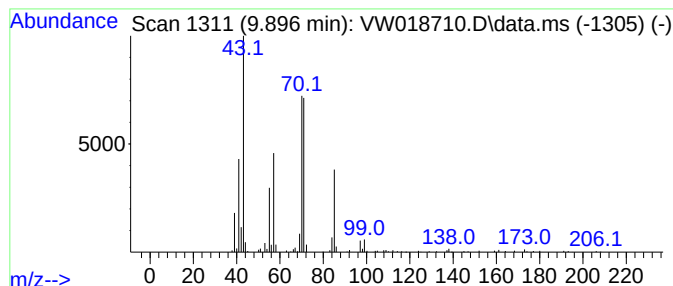
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	2.43 ug/L	136368	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
2		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	62
3		Tridecane, 7-propyl-	226	C16H34	055045-09-5	59
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

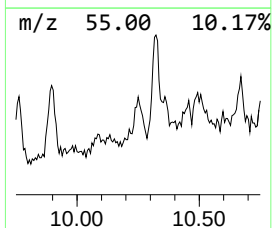
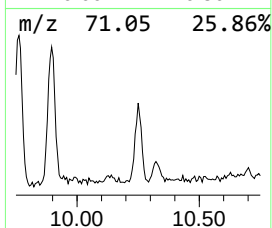
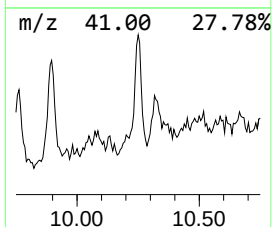
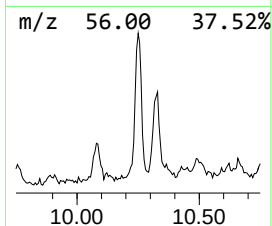
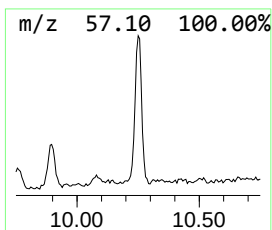
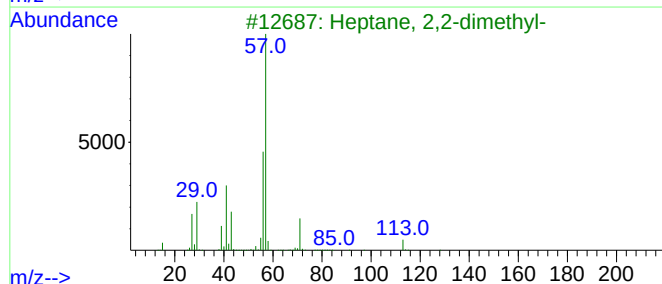
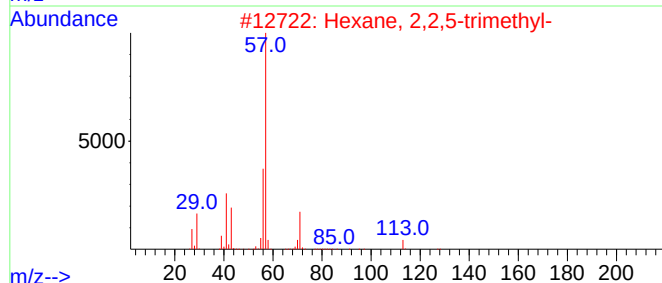
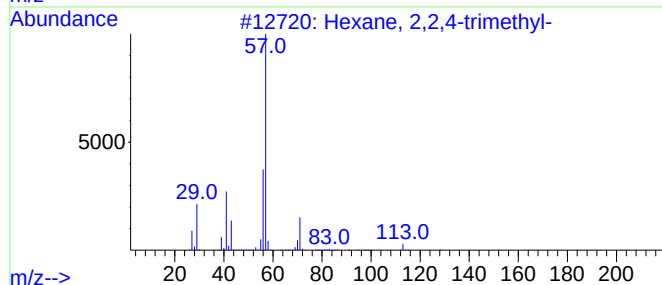
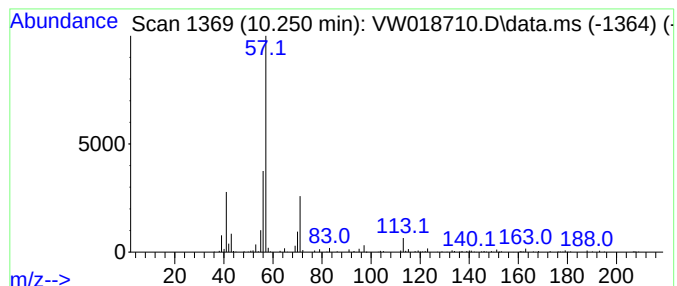
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.250	2.05 ug/L	113313	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	56
3			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	47
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	38
5			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

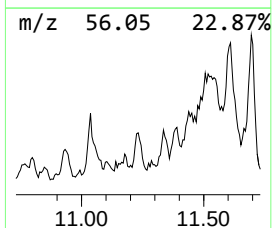
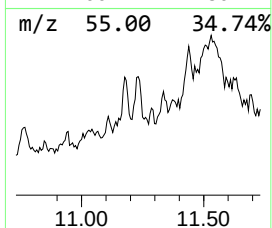
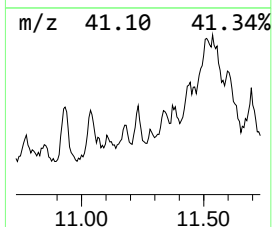
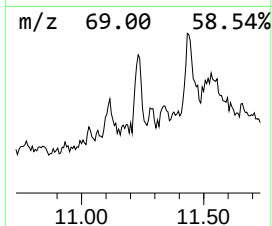
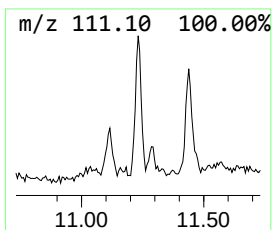
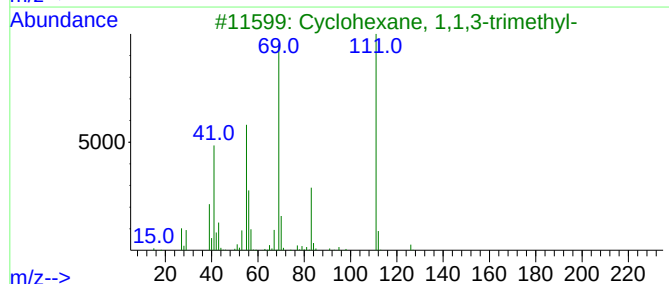
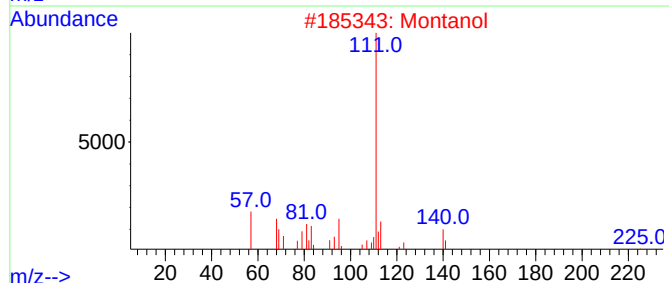
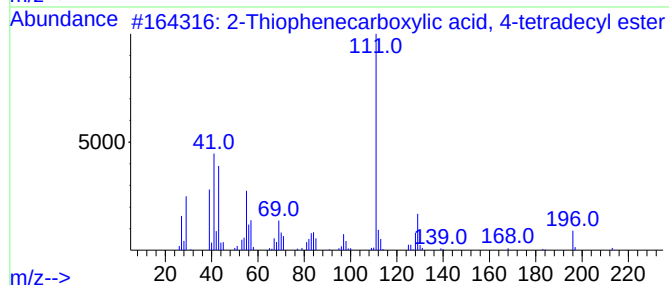
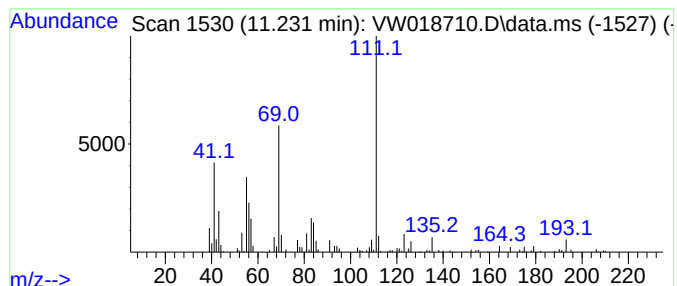
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Quant Title : SFAM01.0

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

Peak Number 8 2-Thiophenecarboxylic acid,... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.232	1.40 ug/L	77245	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Thiophenecarboxylic acid, 4-te...	324	C19H32O2S	1000280-66-3	59
2			Montanol	352	C21H36O4	1000145-58-3	59
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	58
4			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	53
5			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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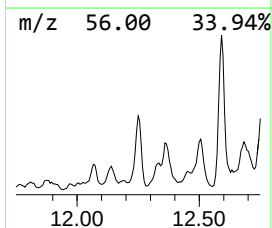
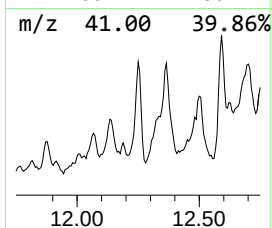
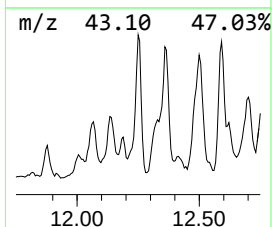
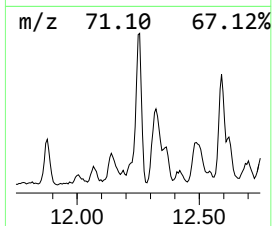
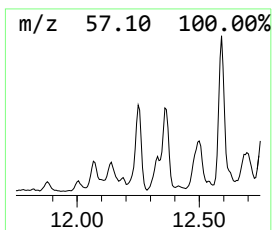
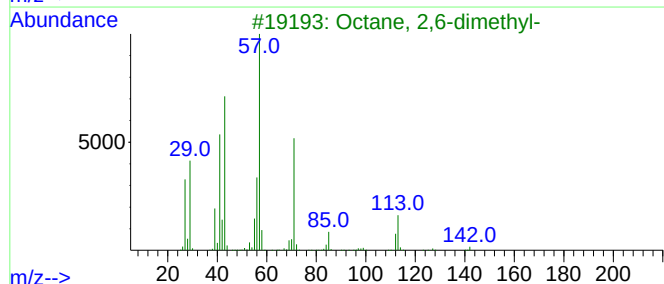
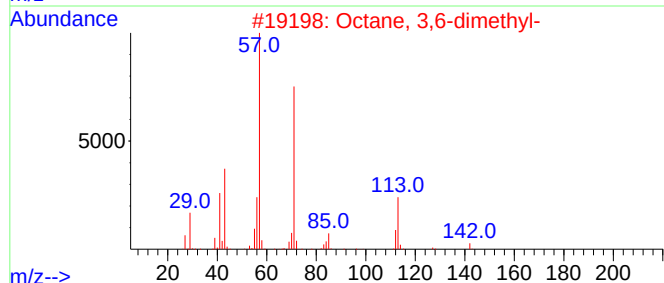
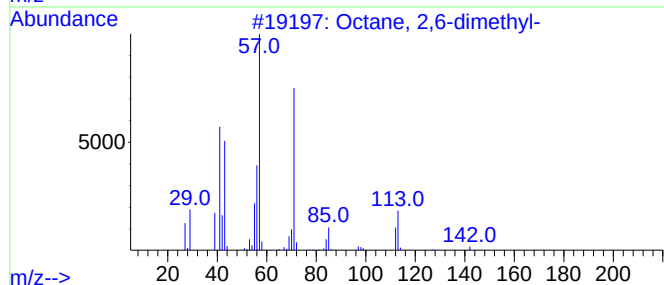
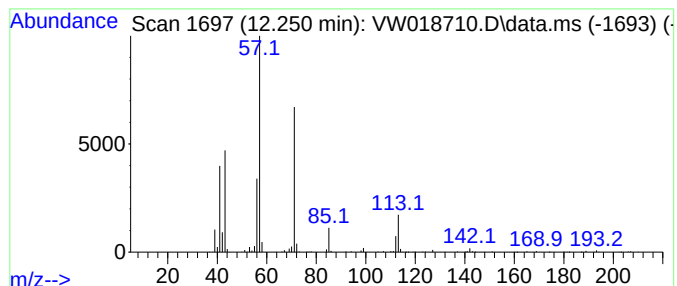
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	8.90 ug/L	491033	Chlorobenzene-d5	11.634

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

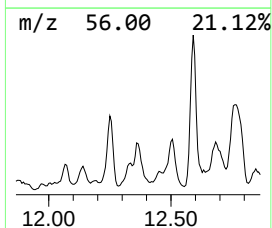
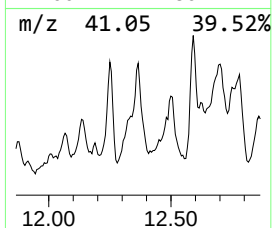
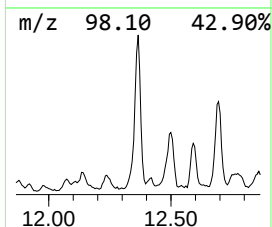
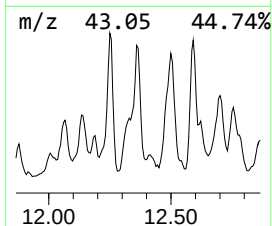
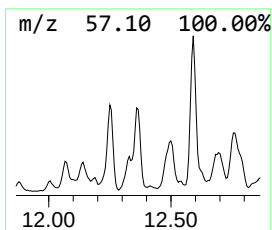
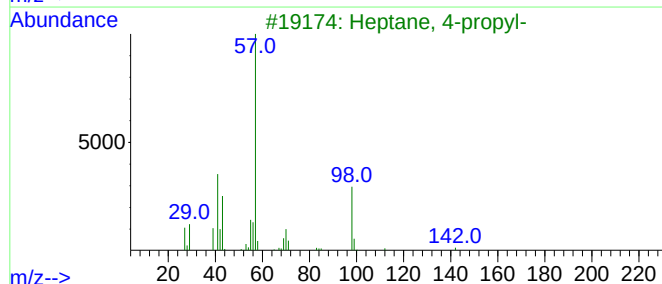
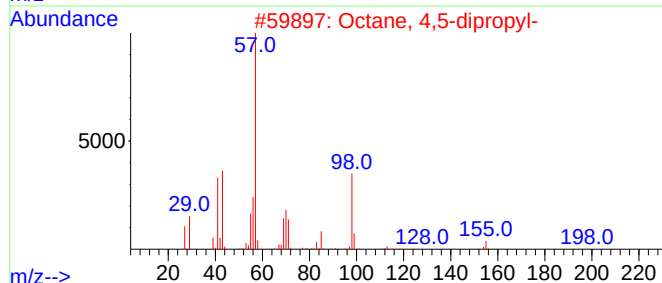
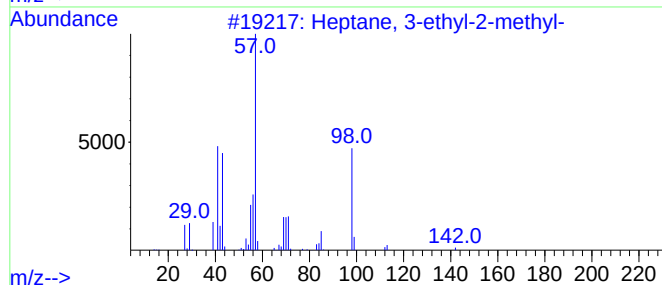
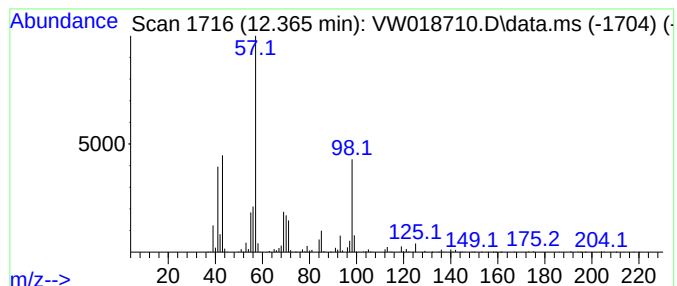
Instrument :
MSVOA_W
ClientSampleId :
BG568RE

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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 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.365	19.02 ug/L	1049470	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	90
2	Octane, 4,5-dipropyl-		198	C14H30	020905-05-9	86
3	Heptane, 4-propyl-		142	C10H22	003178-29-8	53
4	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	50
5	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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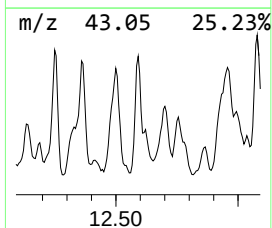
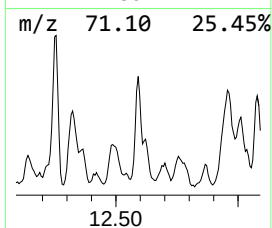
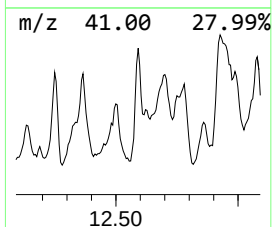
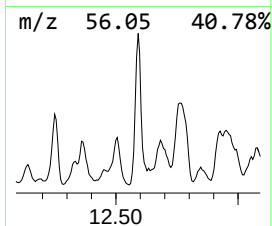
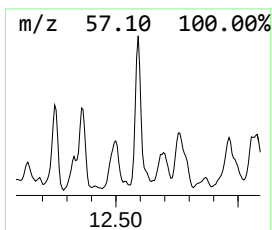
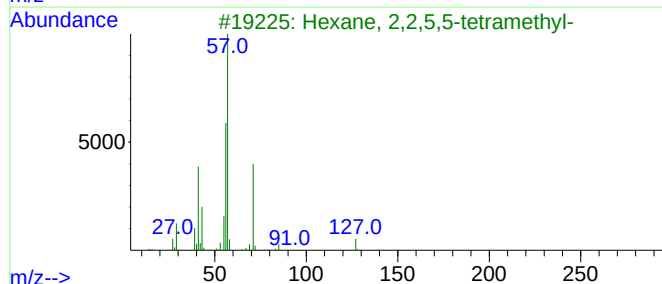
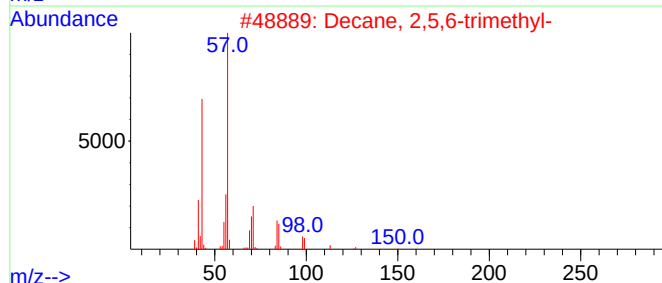
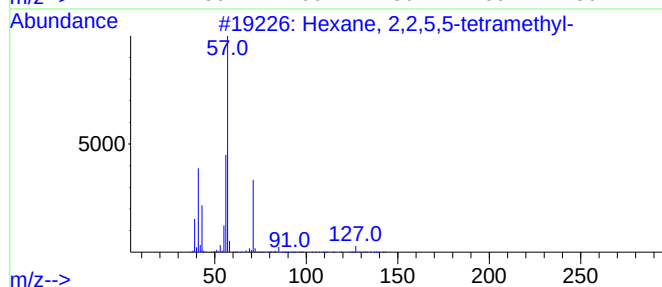
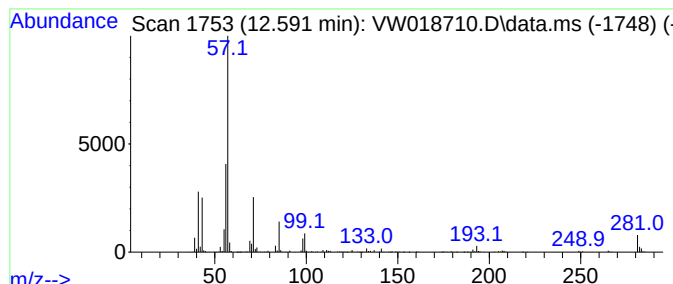
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.591	26.65 ug/L	1470550	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
2			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
3			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
4			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50
5			2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

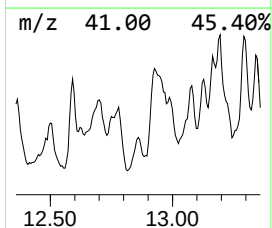
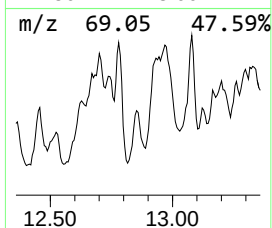
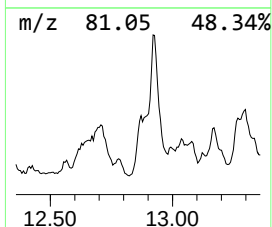
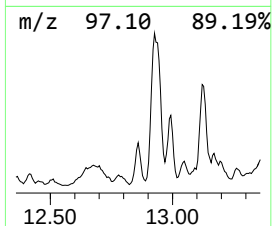
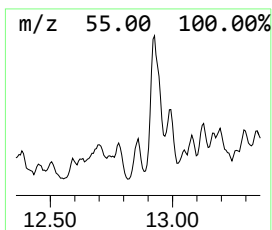
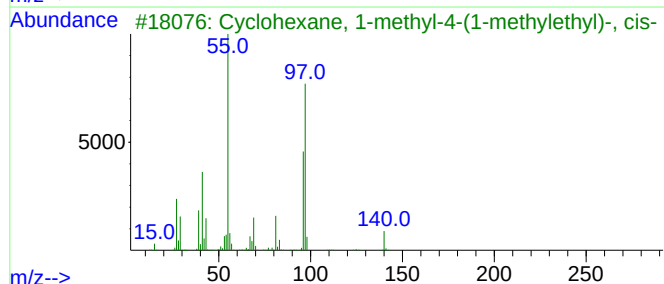
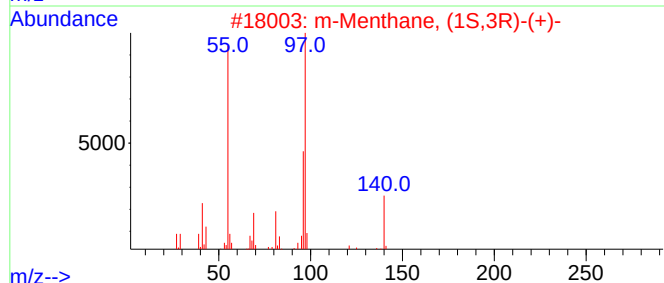
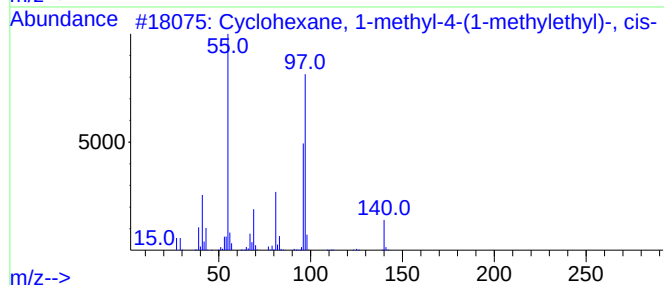
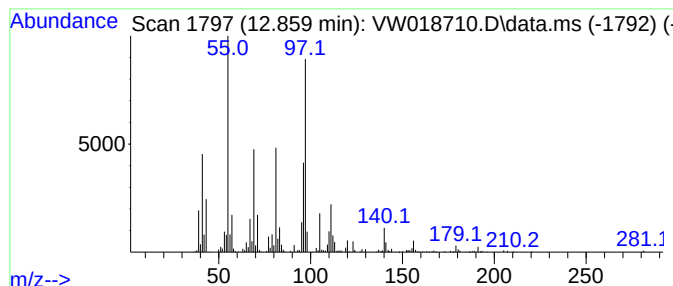
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Cyclic12.859 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.859	11.32 ug/L	452349	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	76
2	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	72
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	68
4	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	68
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

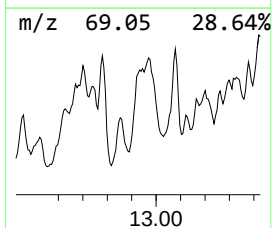
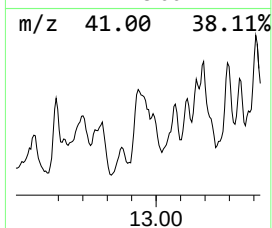
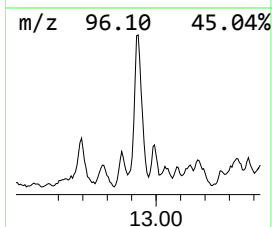
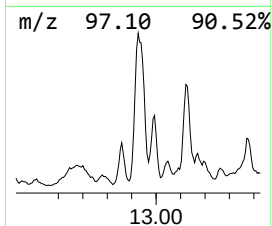
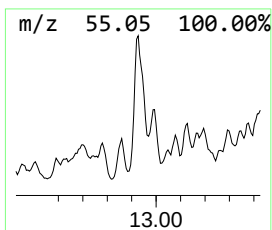
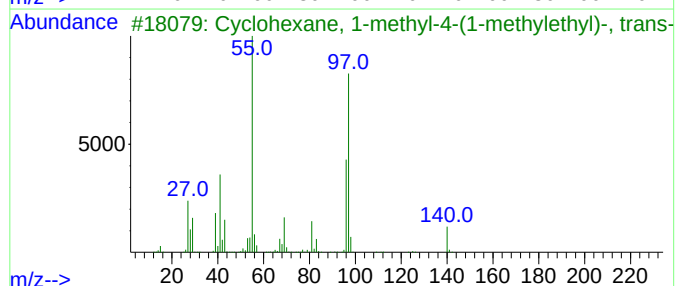
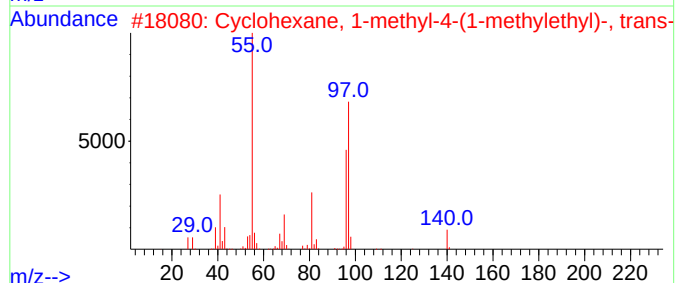
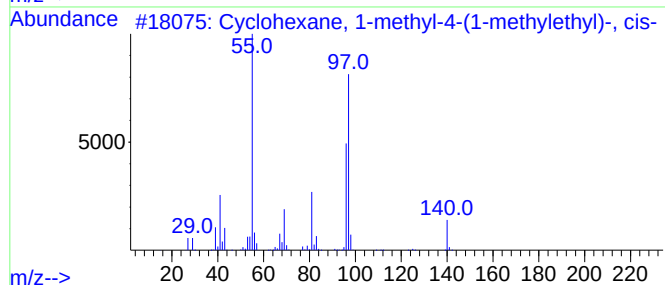
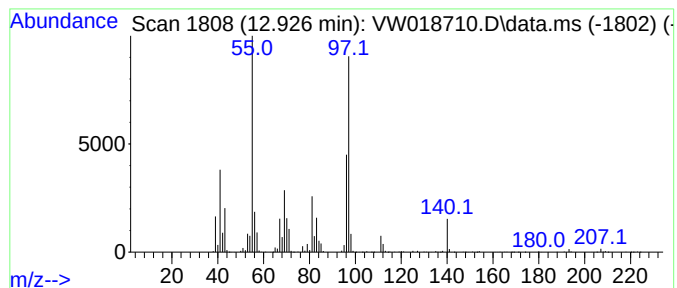
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic12.926 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.926	46.71 ug/L	1866870	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	87
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	87
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	80
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	80
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

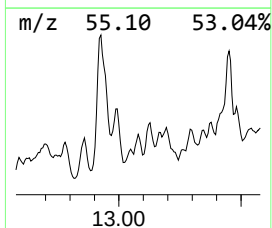
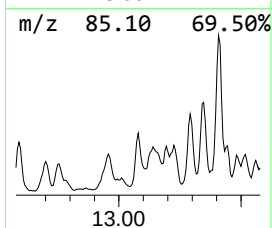
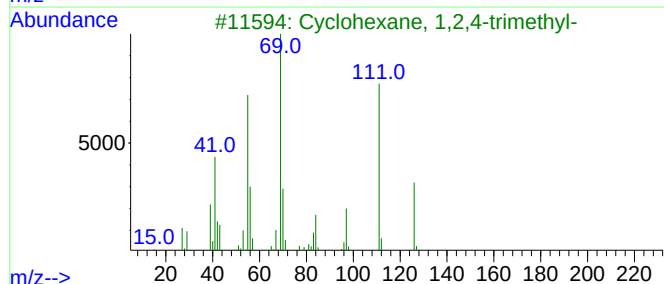
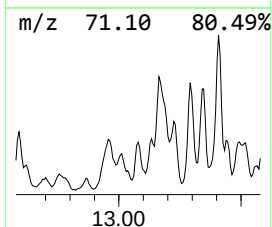
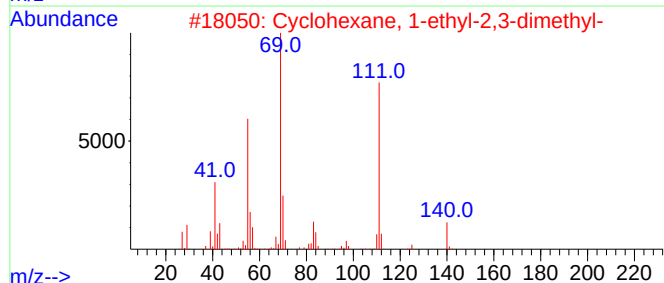
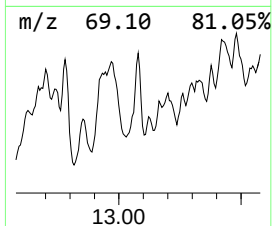
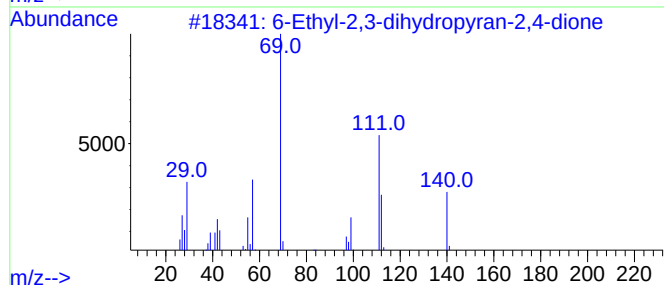
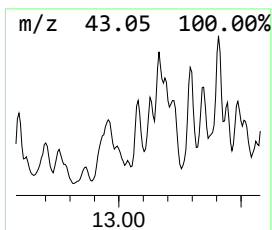
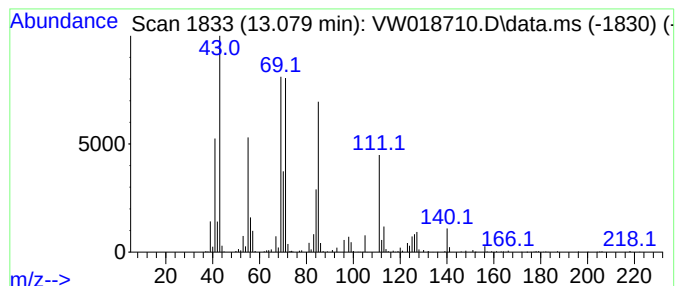
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Quant Title : SFAM01.0

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

Peak Number 15 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	6.18 ug/L	246800	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Ethyl-2,3-dihydropyran-2,4-dione	140	C7H8O3	004435-30-7	38
2			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	38
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	35
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	35
5			Decane, 4-methyl-	156	C11H24	002847-72-5	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

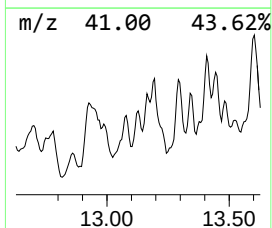
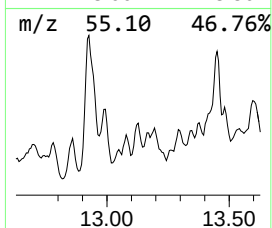
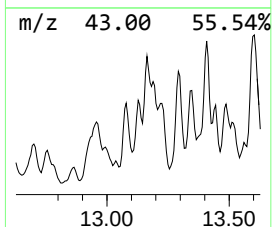
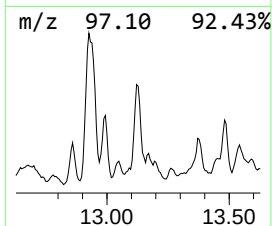
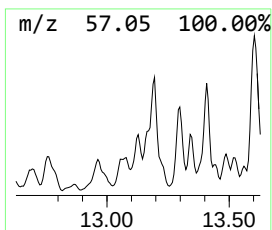
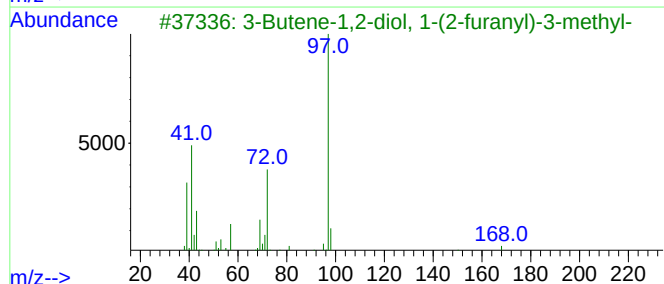
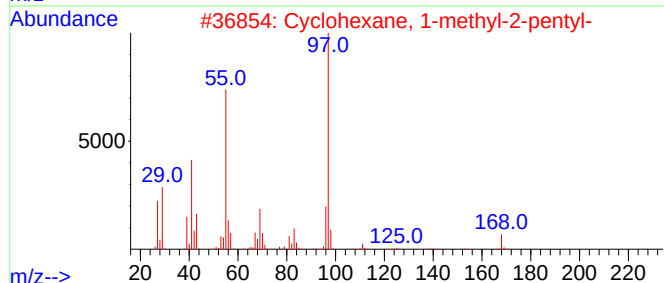
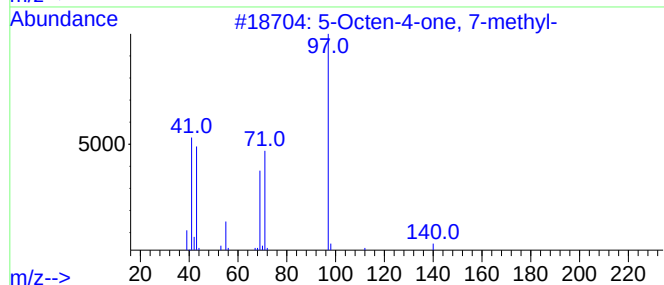
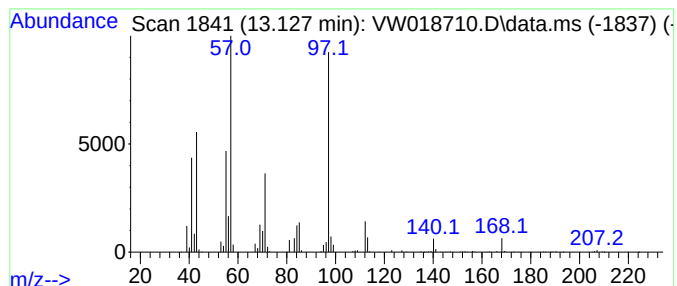
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Quant Title : SFAM01.0

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

Peak Number 16 5-Octen-4-one, 7-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.128	7.25 ug/L	289743	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	52
2			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	49
3			3-Butene-1,2-diol, 1-(2-furanyl)...	168	C9H12O3	021141-71-9	43
4			2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	30
5			2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

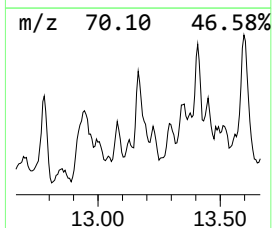
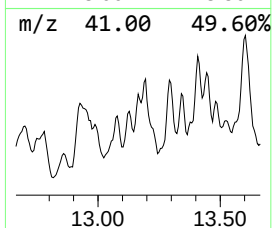
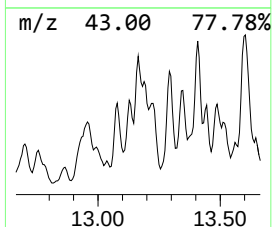
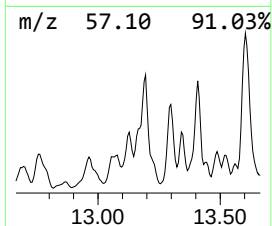
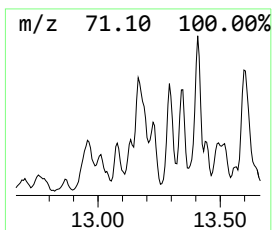
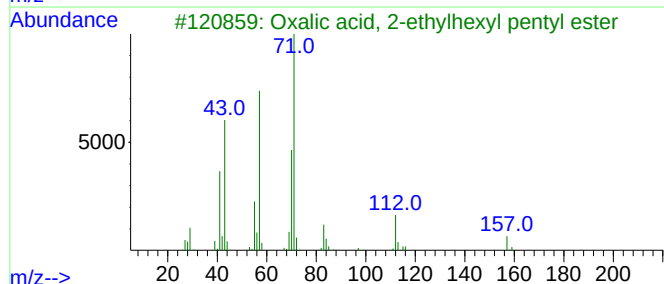
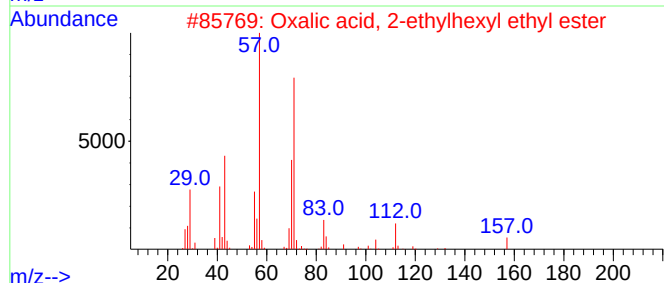
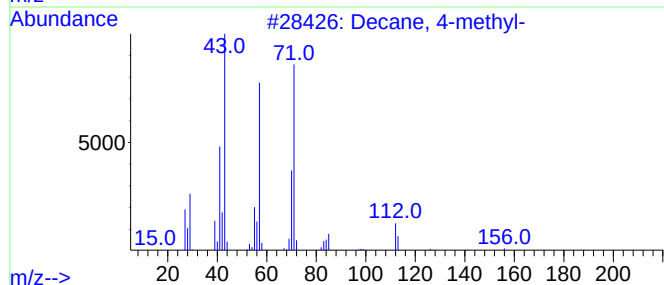
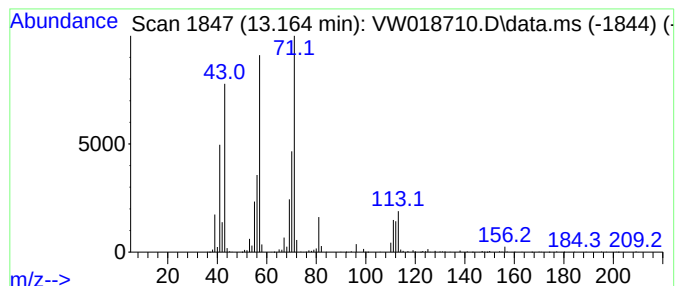
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	8.70 ug/L	347532	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	64
2			Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	64
3			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	64
4			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

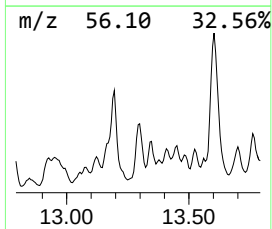
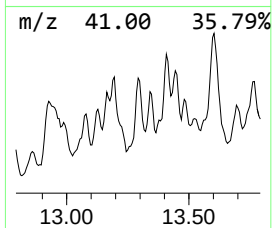
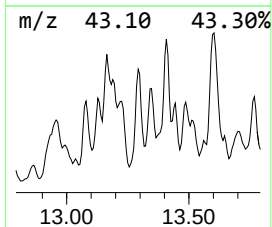
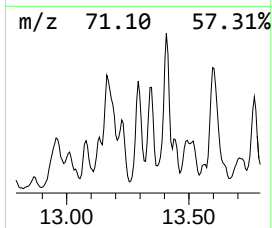
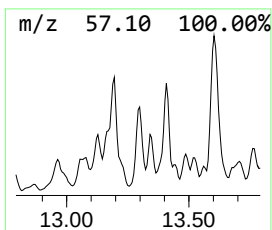
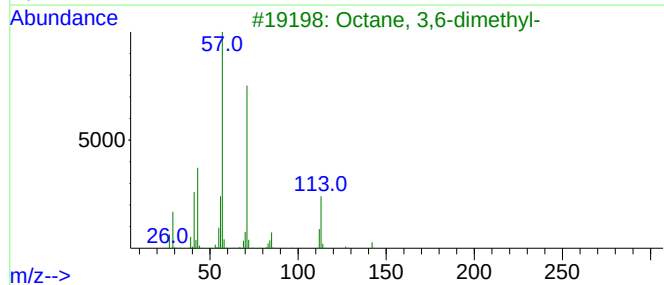
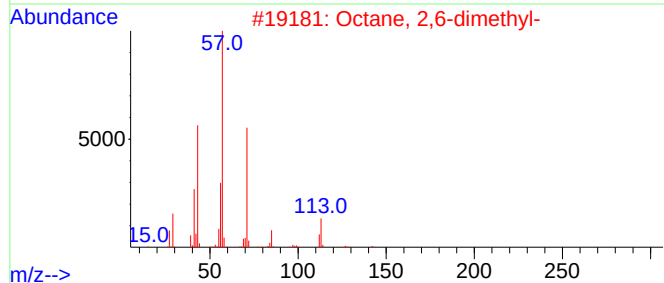
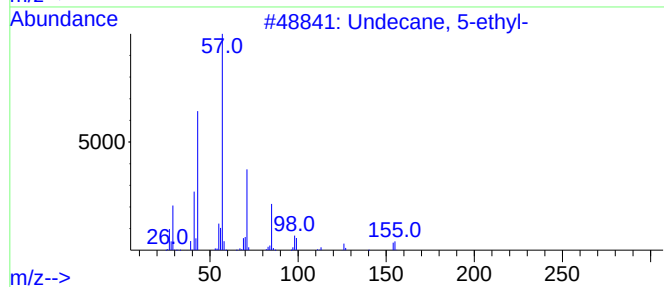
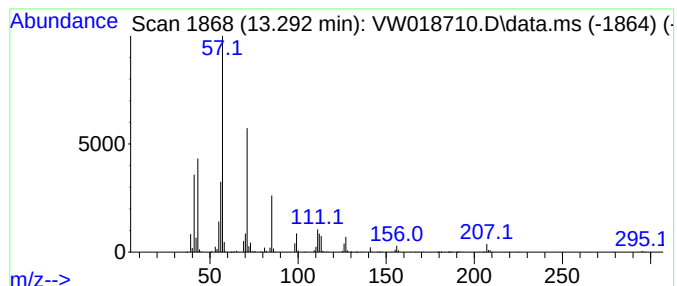
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.292	17.88 ug/L	714372	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-		184	C13H28	017453-94-0	53
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	50
3	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	49
4	Dodecane, 3-methyl-		184	C13H28	017312-57-1	47
5	Undecane, 3-methyl-		170	C12H26	001002-43-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

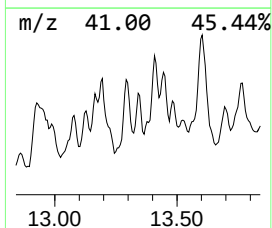
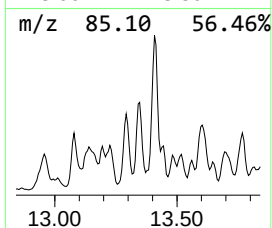
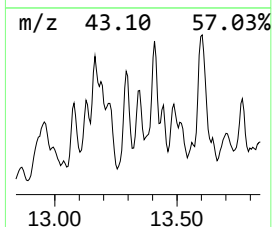
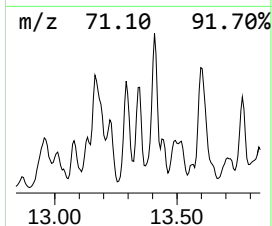
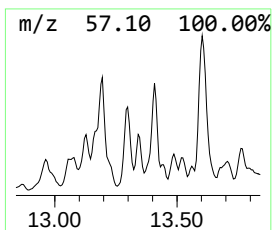
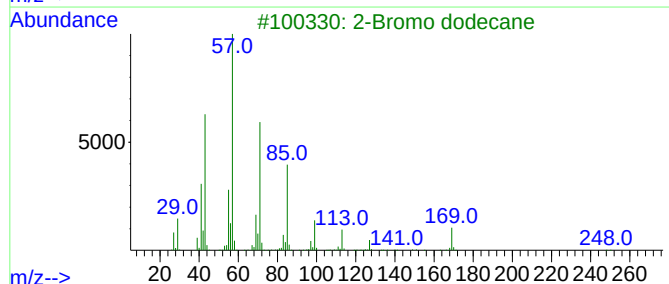
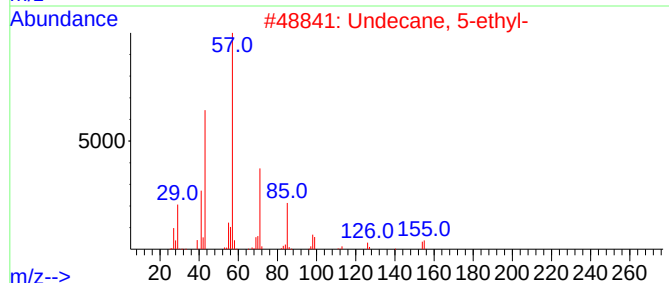
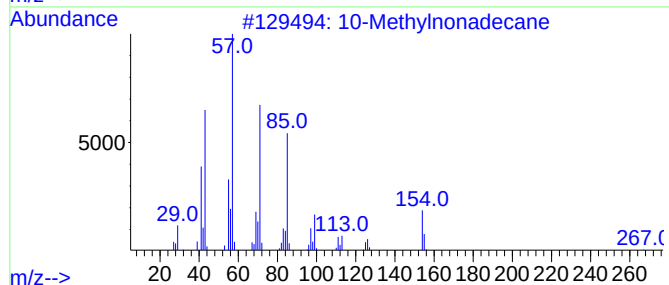
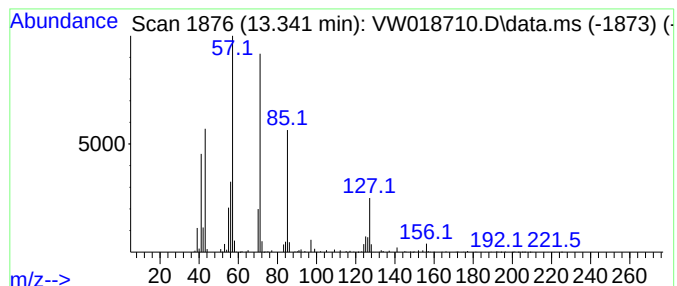
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.341	10.94 ug/L	437334	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	10-Methylnonadecane		282	C20H42	056862-62-5	72
2	Undecane, 5-ethyl-		184	C13H28	017453-94-0	59
3	2-Bromo dodecane		248	C12H25Br	013187-99-0	53
4	Sulfurous acid, hexyl 2-pentyl e...		236	C11H24O3S	1000309-15-6	53
5	Decane, 3-methyl-		156	C11H24	013151-34-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

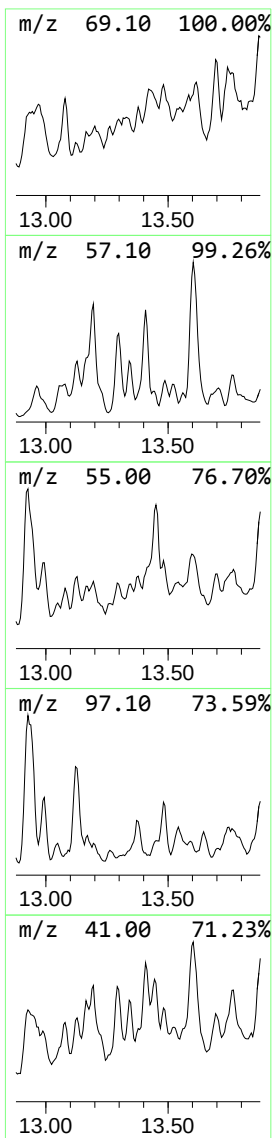
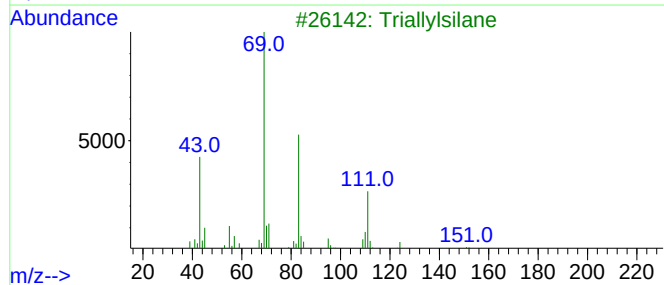
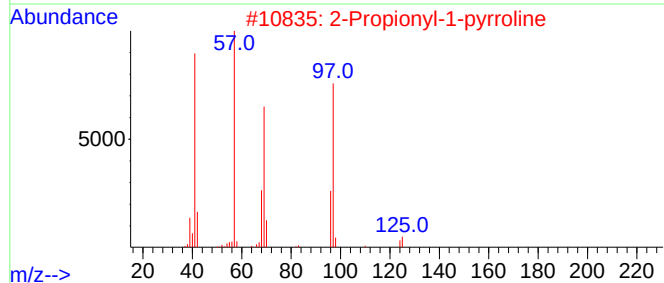
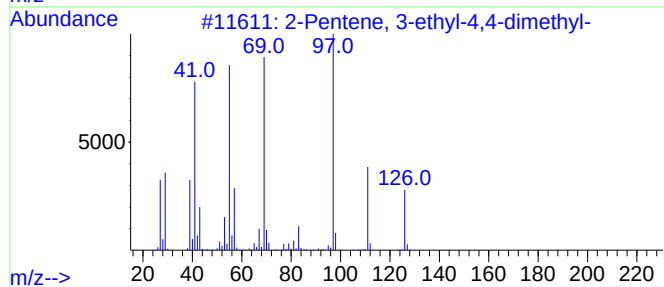
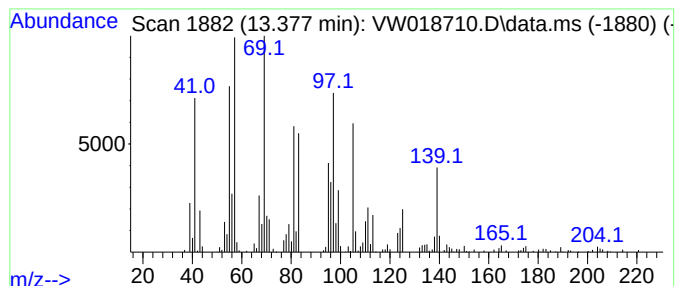
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.377	4.61 ug/L	184116	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	38
2		2-Propionyl-1-pyrroline	125	C7H11NO	1000298-55-4	38
3		Triallylsilane	152	C9H16Si	001116-62-7	27
4		Cyclohexanecarboxylic acid, 4-pe...	368	C22H28N2O3	133856-87-8	27
5		Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

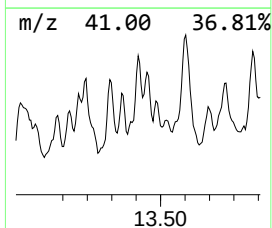
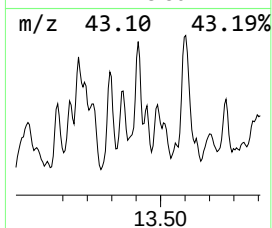
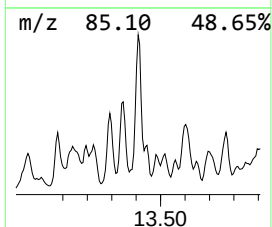
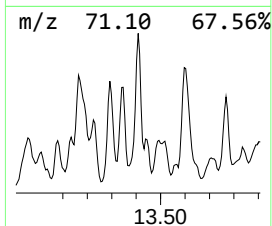
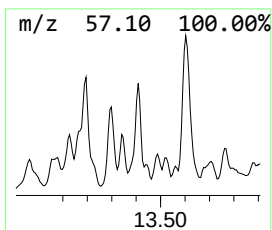
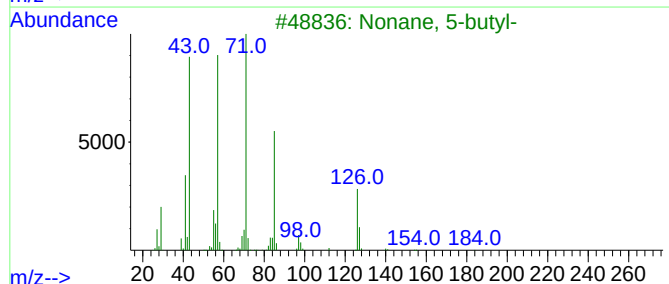
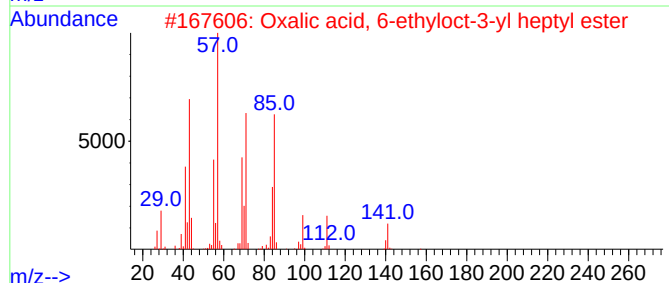
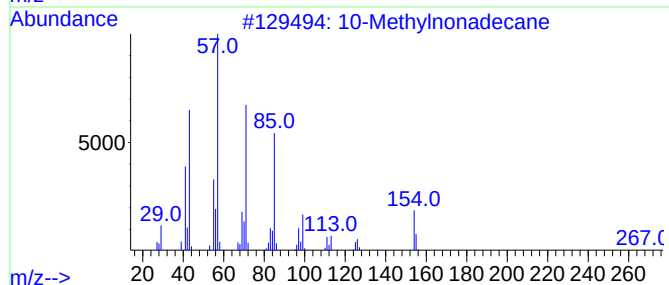
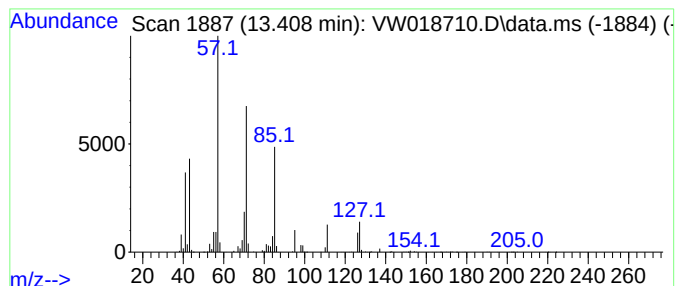
Instrument :
MSVOA_W
ClientSampleId :
BG568RE

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 21 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.408	22.28 ug/L	890304	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	10-Methylnonadecane		282	C20H42	056862-62-5	64
2	Oxalic acid, 6-ethyloct-3-yl hep...		328	C19H36O4	1000309-34-5	59
3	Nonane, 5-butyl-		184	C13H28	017312-63-9	53
4	Octadecane		254	C18H38	000593-45-3	53
5	Octacosane		394	C28H58	000630-02-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

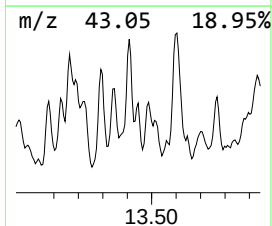
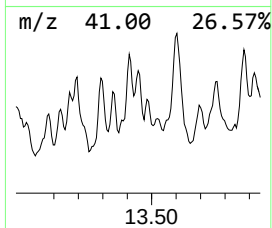
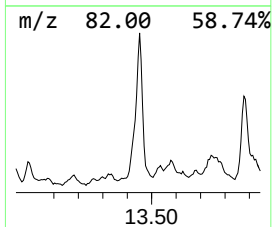
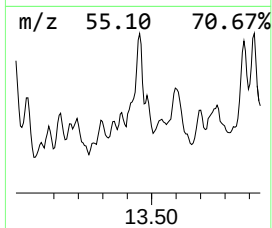
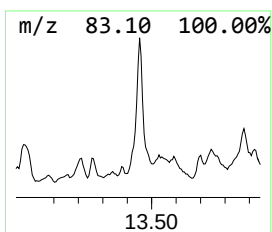
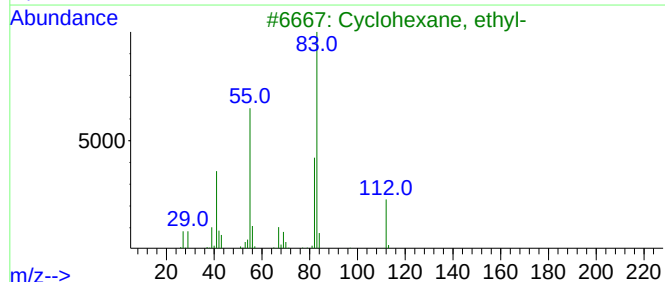
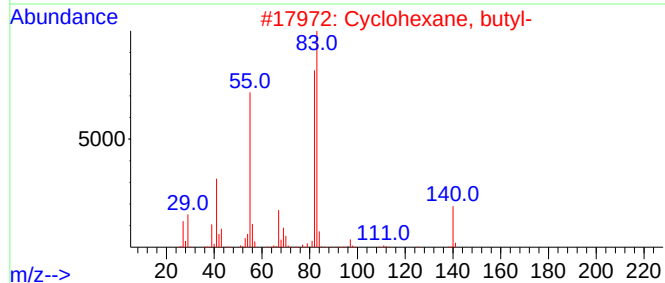
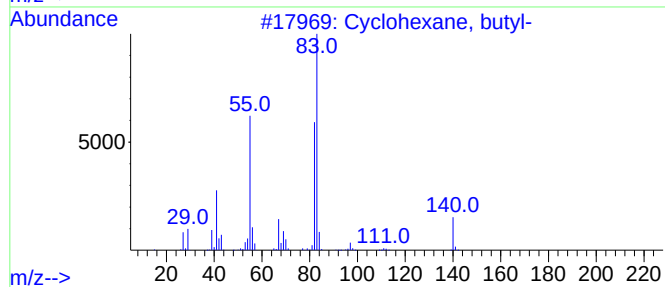
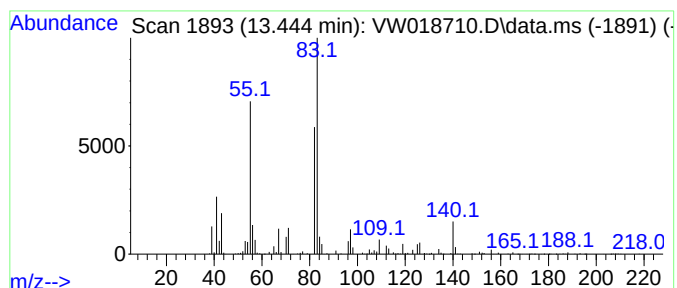
Instrument :
MSVOA_W
ClientSampleId :
BG568RE

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: Cyclic13.445 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.445	18.35 ug/L	733415	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-		140	C10H20	001678-93-9	81
2	Cyclohexane, butyl-		140	C10H20	001678-93-9	74
3	Cyclohexane, ethyl-		112	C8H16	001678-91-7	64
4	Cyclohexane, propyl-		126	C9H18	001678-92-8	64
5	Cyclohexane, octyl-		196	C14H28	001795-15-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

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

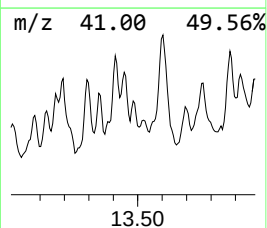
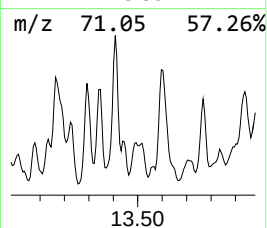
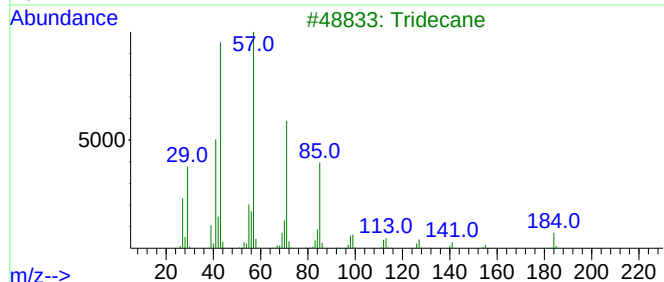
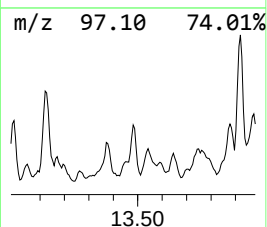
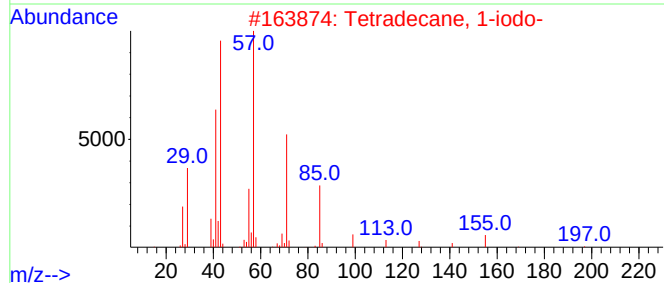
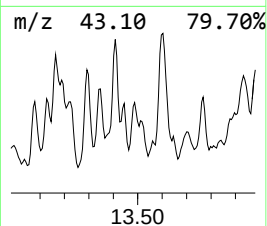
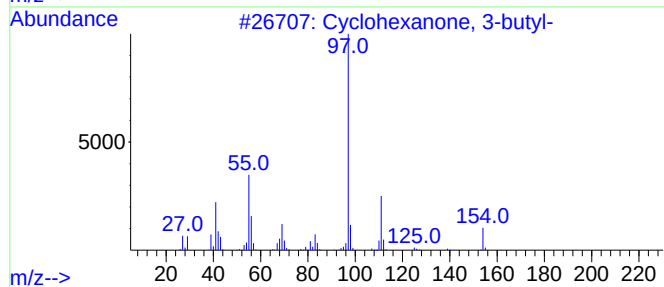
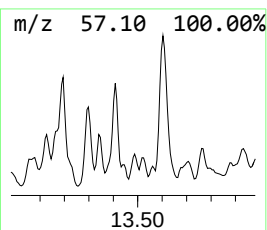
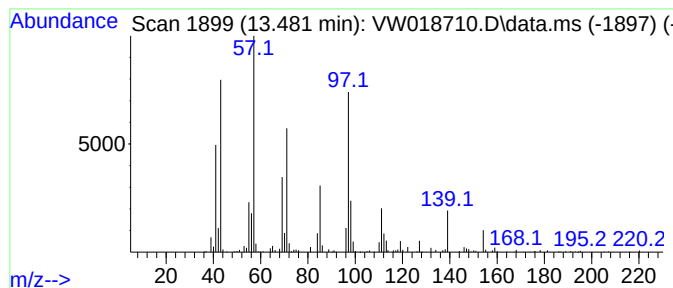
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 unknown-02

Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	6.92 ug/L	276502	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	38
2			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	25
3			Tridecane	184	C13H28	000629-50-5	25
4			Dodecane	170	C12H26	000112-40-3	22
5			Dodecane	170	C12H26	000112-40-3	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

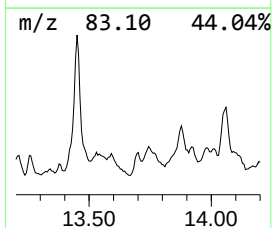
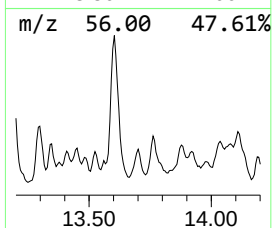
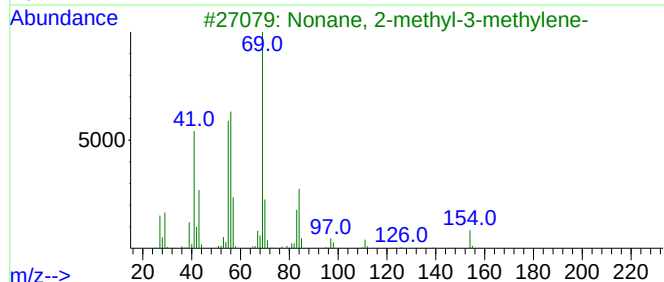
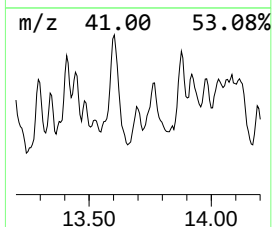
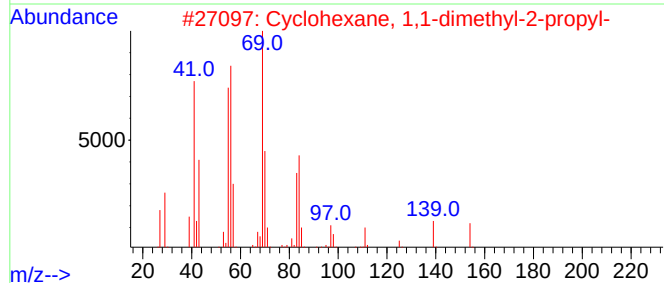
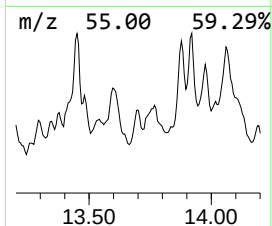
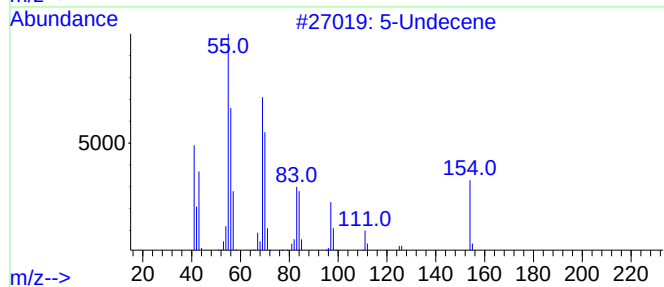
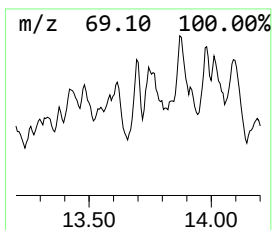
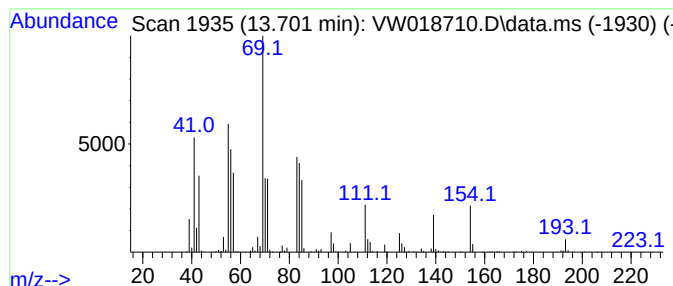
Instrument :
MSVOA_W
ClientSampleId :
BG568RE

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 24 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.701	12.13 ug/L	484578	1,4-Dichlorobenzene-d4			13.560
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecene	154	C11H22	004941-53-1	83
2		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	74
3		Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	64
4		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	52
5		1-Octyl trifluoroacetate	226	C10H17F3O2	002561-21-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

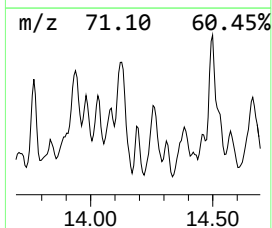
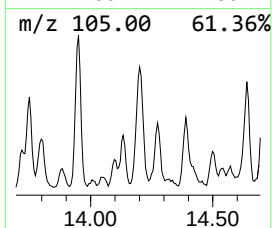
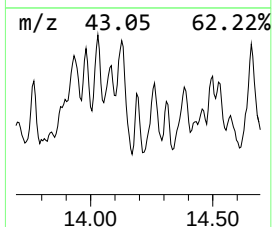
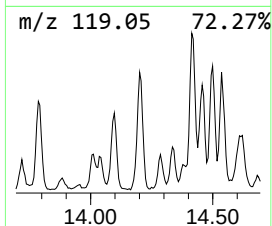
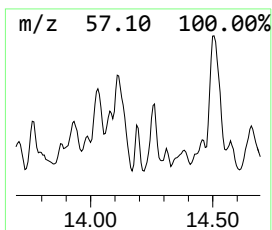
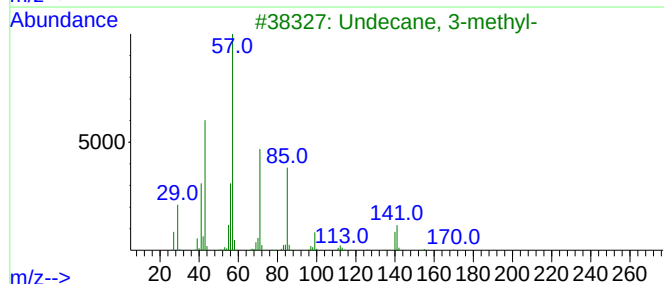
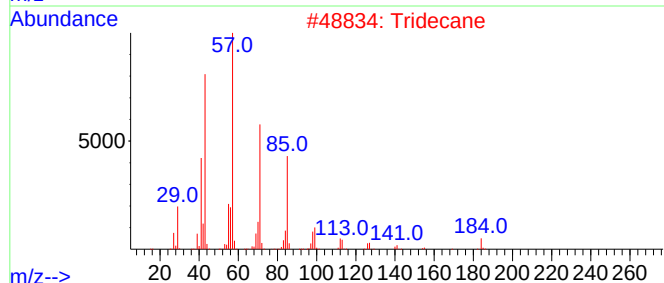
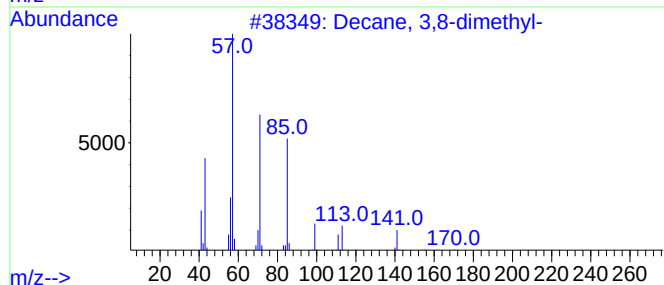
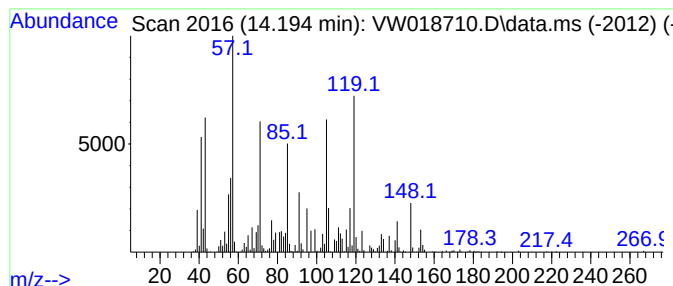
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.194	17.89 ug/L	714858	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	42
2	Tridecane		184	C13H28	000629-50-5	38
3	Undecane, 3-methyl-		170	C12H26	001002-43-3	38
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	30
5	9-methylheptadecane		254	C18H38	026741-18-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

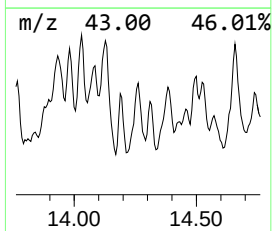
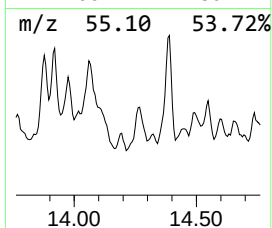
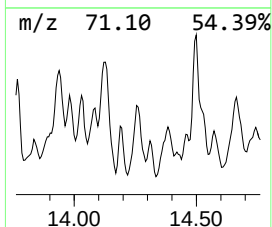
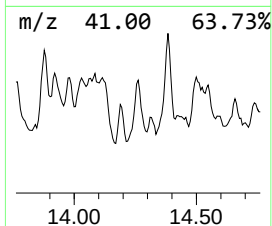
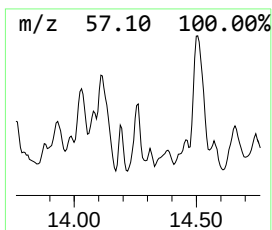
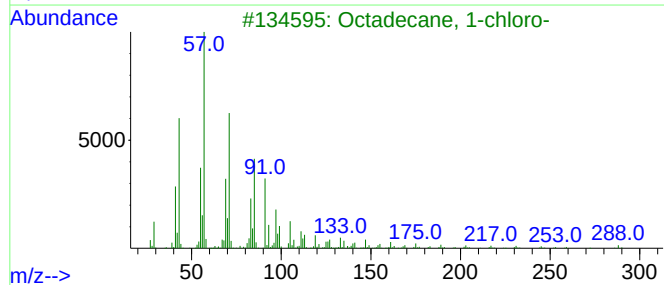
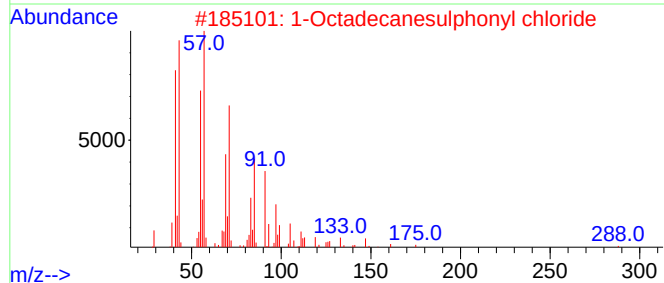
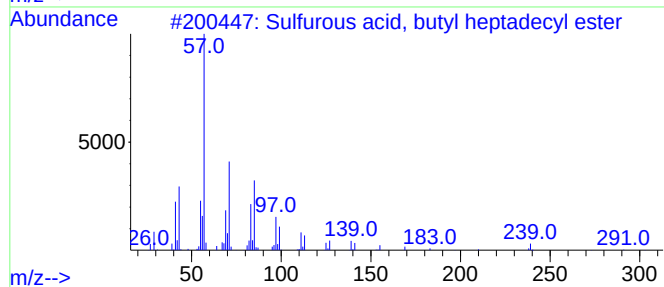
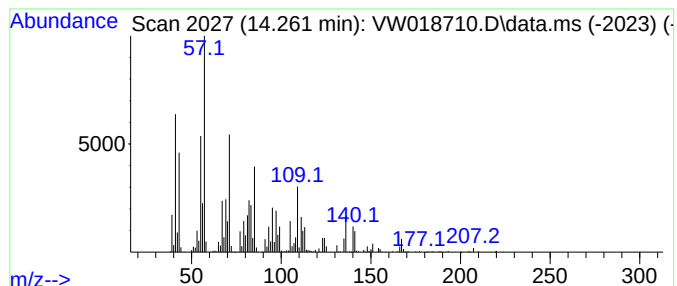
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Quant Title : SFAM01.0

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

Peak Number 26 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	22.42 ug/L	895892	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	49
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	49
3			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	49
4			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	46
5			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

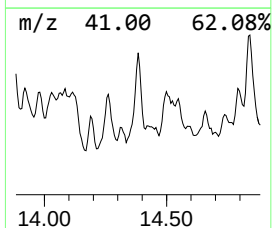
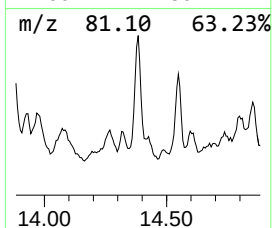
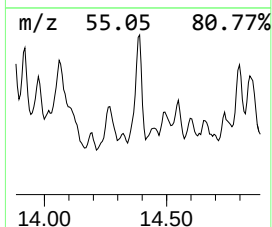
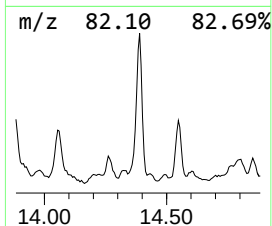
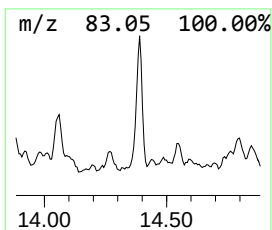
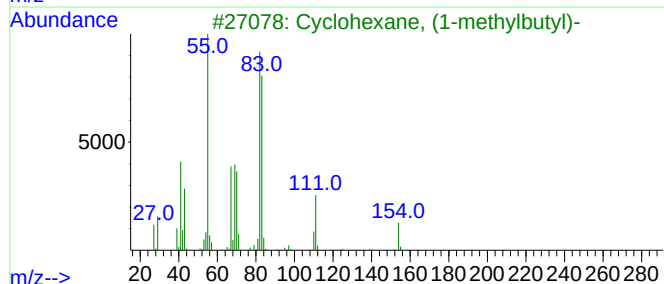
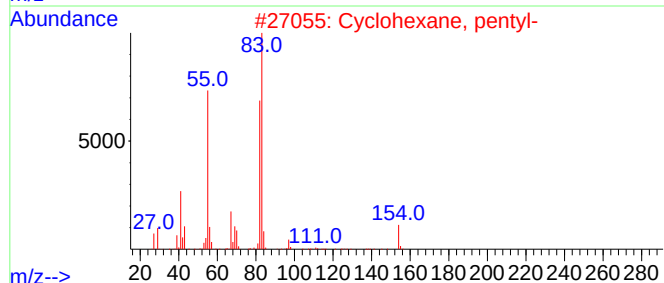
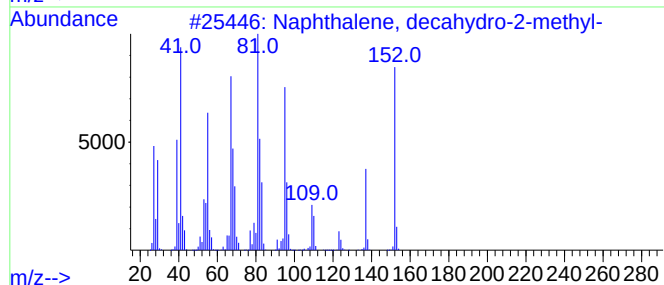
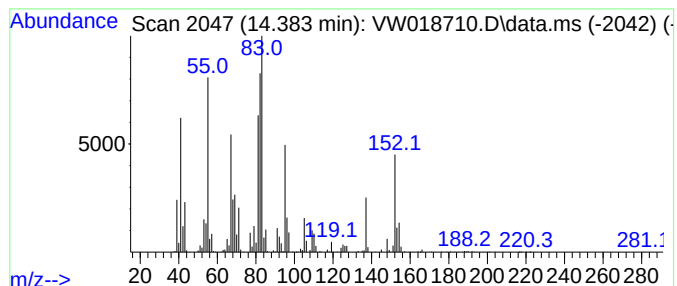
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Quant Title : SFAM01.0

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

Peak Number 27 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	34.08 ug/L	1361970	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	90
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
3			Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	46
4			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	45
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

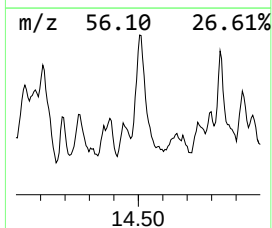
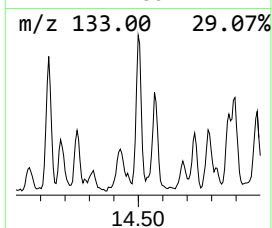
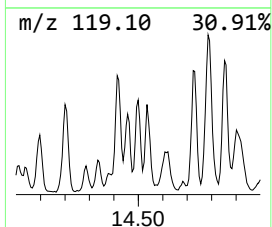
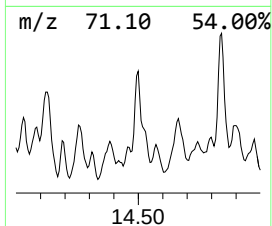
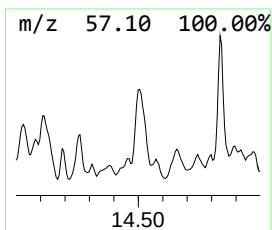
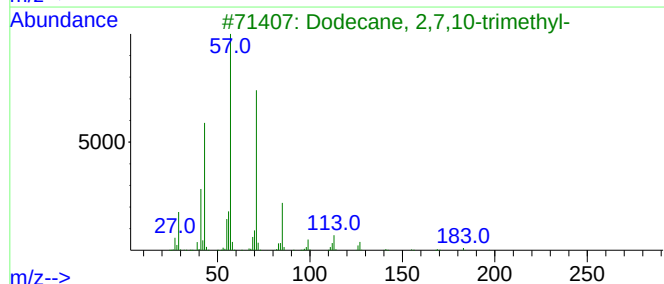
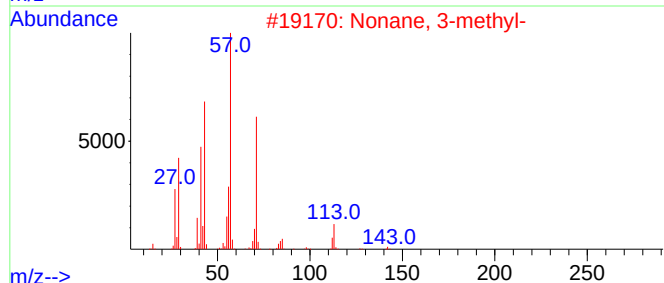
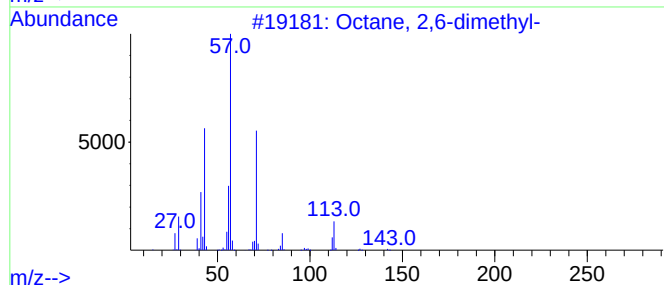
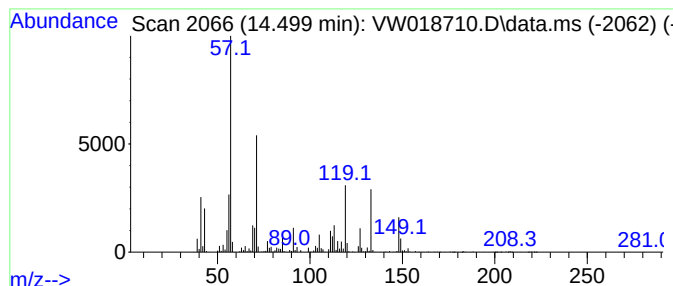
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	24.20 ug/L	967181	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	43
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	38
4		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	38
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

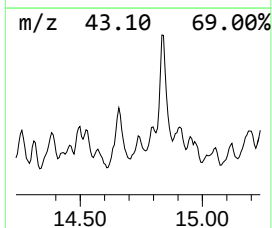
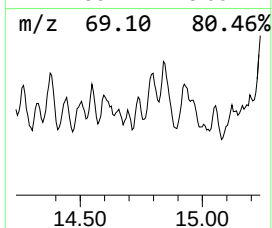
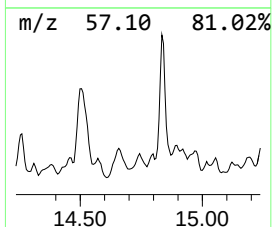
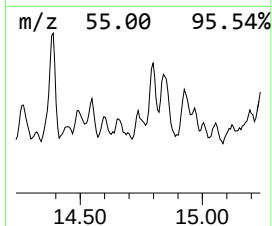
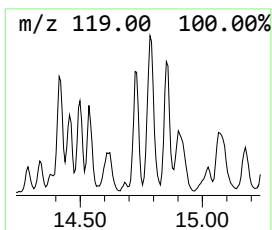
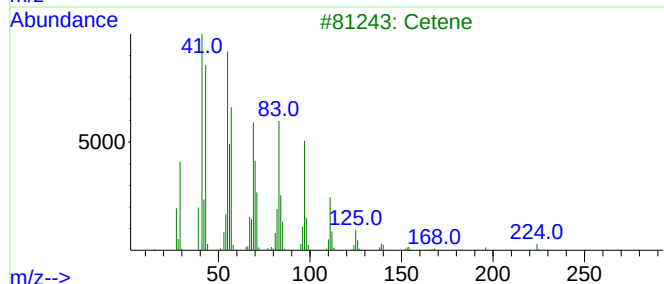
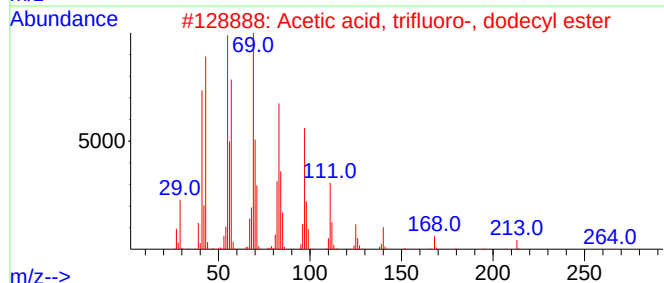
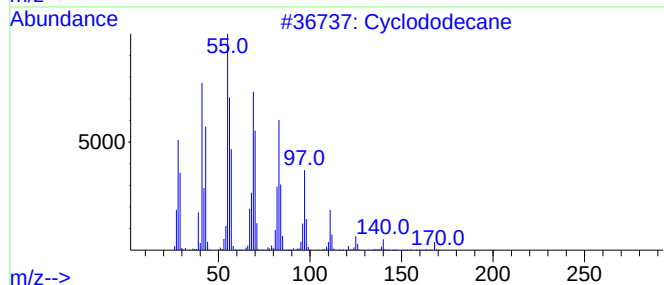
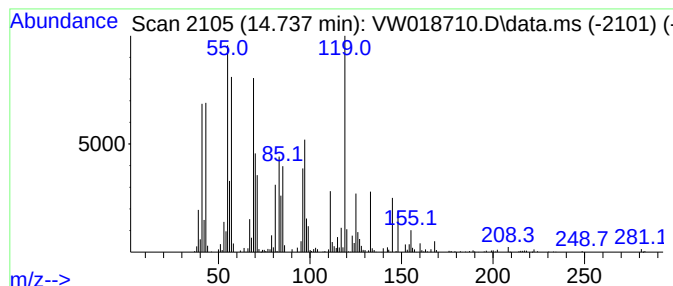
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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Cyclic14.737 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.737	9.54 ug/L	381229	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclododecane	168	C12H24	000294-62-2	35
2			Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	30
3			Cetene	224	C16H32	000629-73-2	25
4			1-Undecene, 8-methyl-	168	C12H24	074630-40-3	25
5			5-Keto-2,2-dimethylheptanoic aci...	200	C11H20O3	1000129-18-9	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

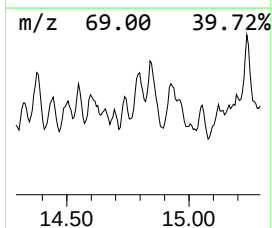
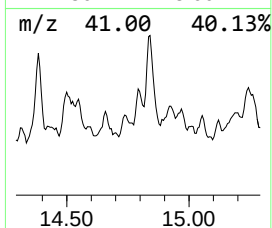
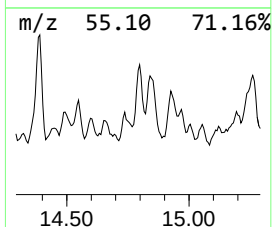
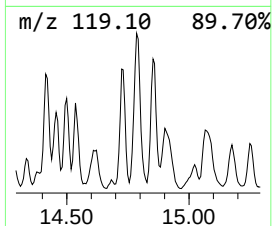
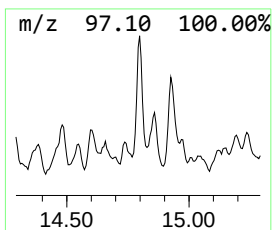
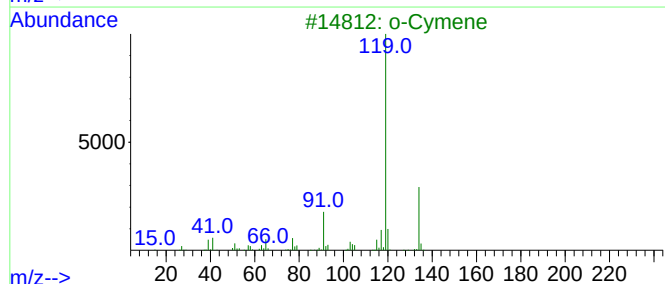
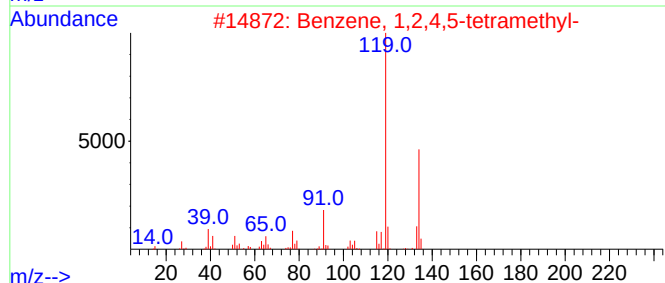
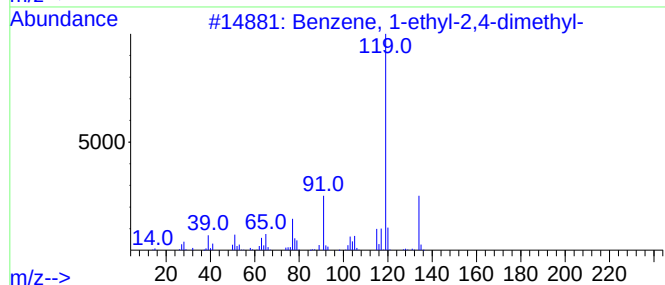
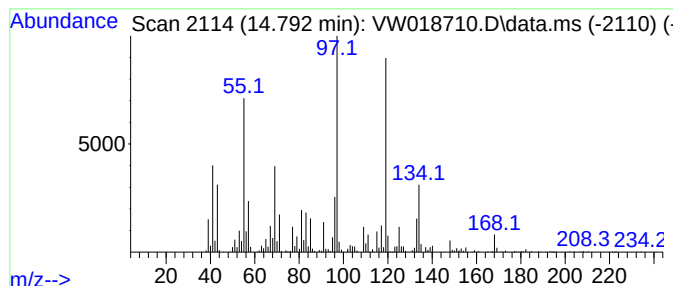
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Quant Title : SFAM01.0

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

Peak Number 30 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	25.67 ug/L	1025910	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	80
3			o-Cymene	134	C10H14	000527-84-4	80
4			o-Cymene	134	C10H14	000527-84-4	42
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

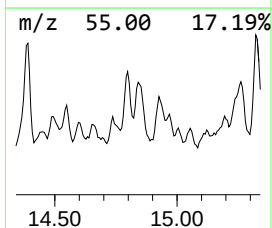
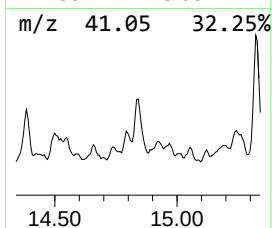
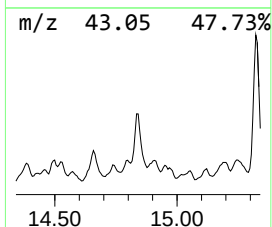
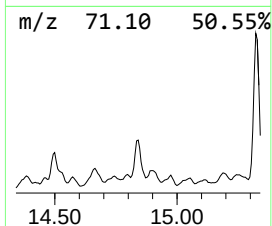
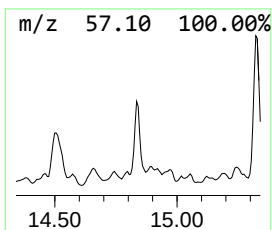
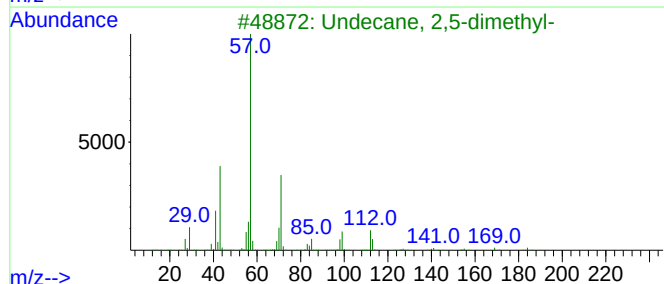
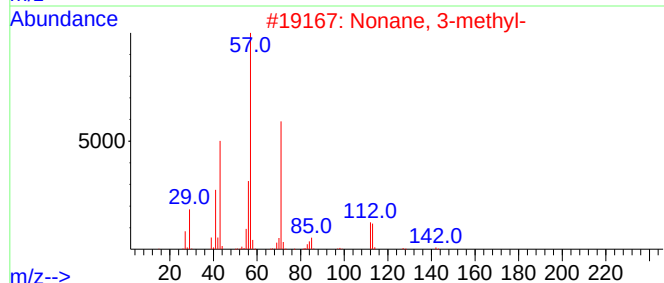
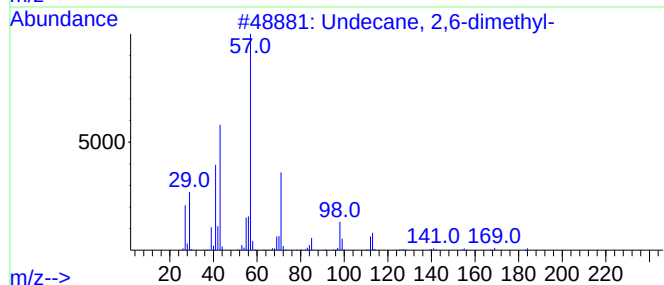
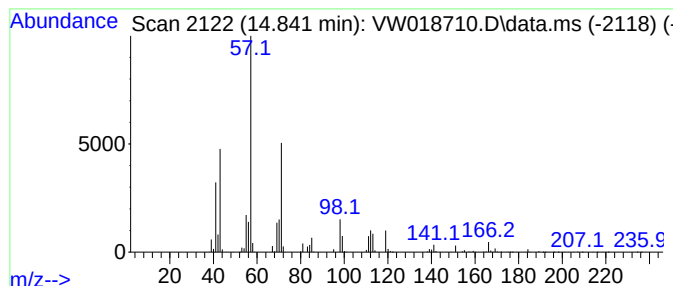
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.841	41.25 ug/L	1648360	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	60
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	58
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	55
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	52
5			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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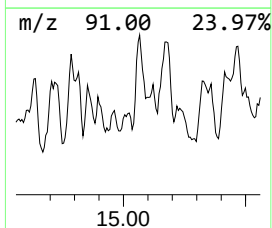
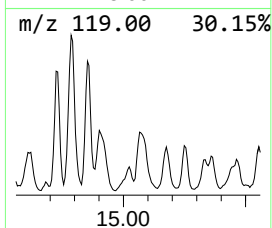
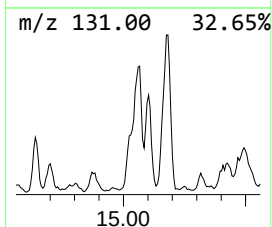
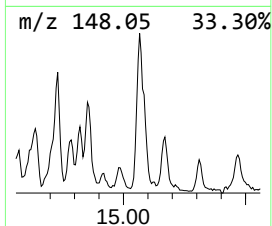
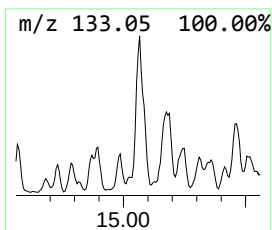
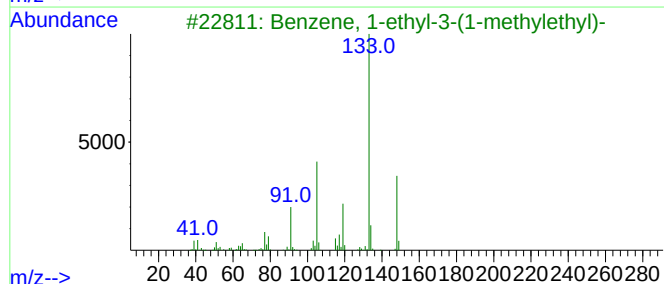
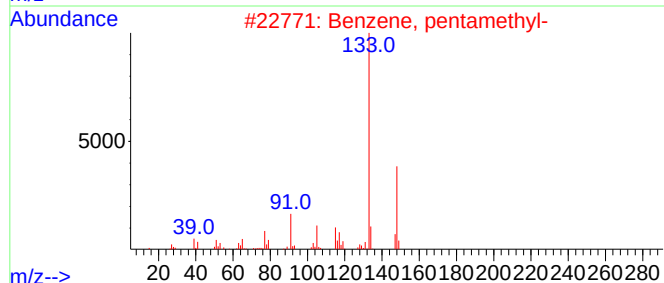
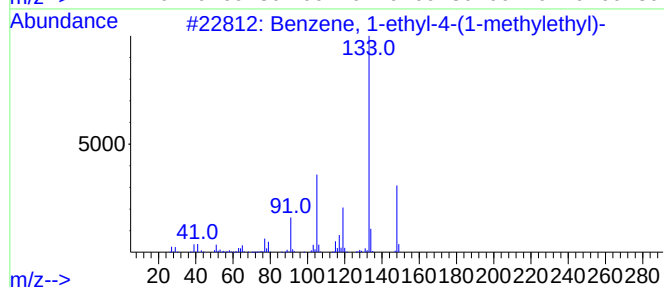
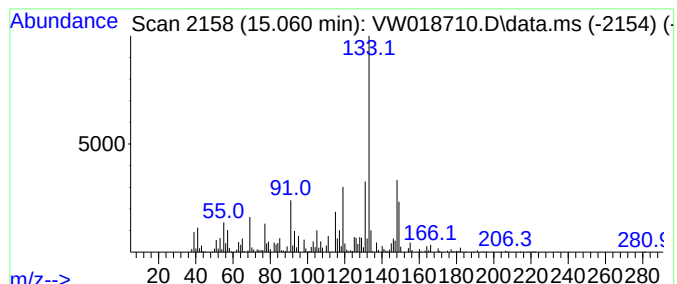
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Quant Title : SFAM01.0

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

Peak Number 32 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	12.47 ug/L	498472	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	59
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	58
3			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	58
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

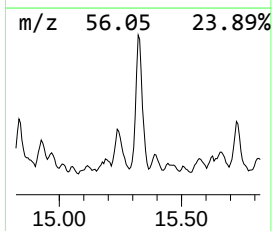
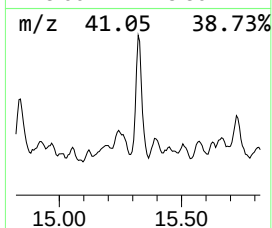
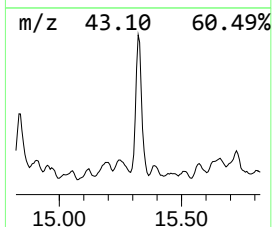
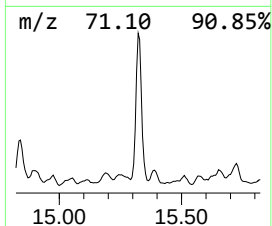
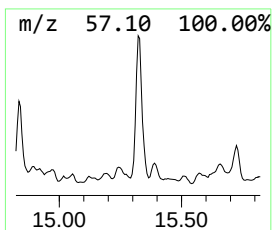
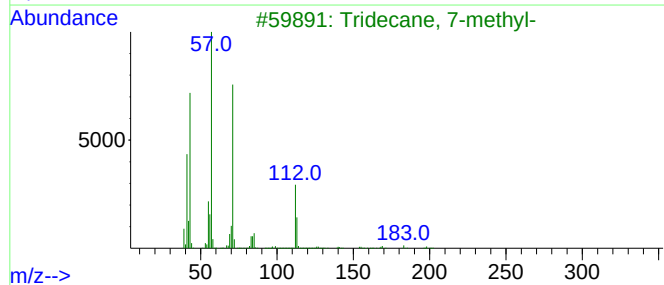
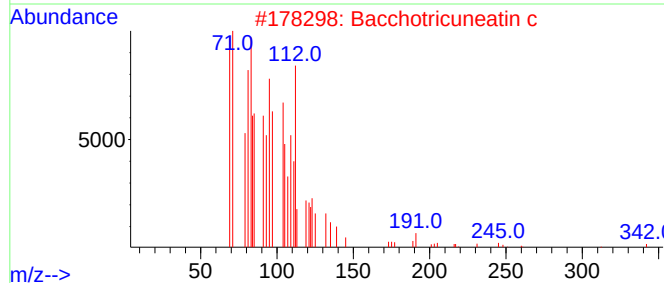
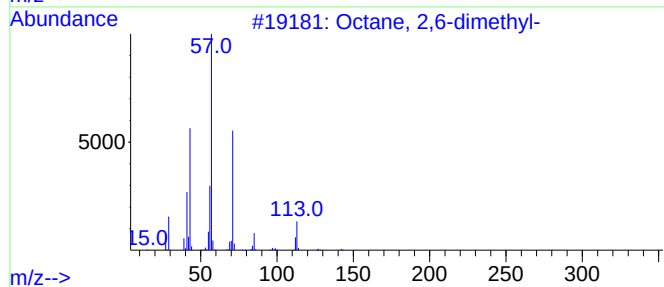
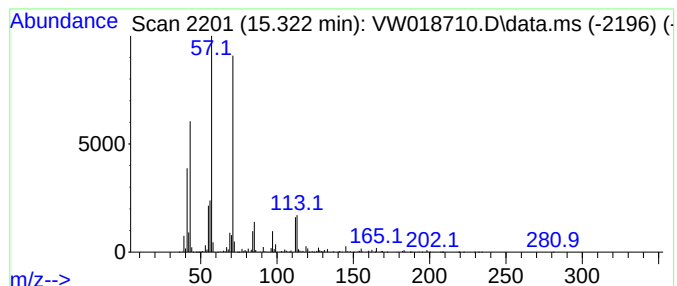
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	76.91 ug/L	3073720	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	86
2	Bacchotricuneatin c			342	C20H22O5	066563-30-2	83
3	Tridecane, 7-methyl-			198	C14H30	026730-14-3	74
4	Heptane, 2,6-dimethyl-			128	C9H20	001072-05-5	74
5	Hexadecane, 7,9-dimethyl-			254	C18H38	021164-95-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

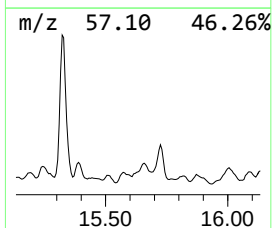
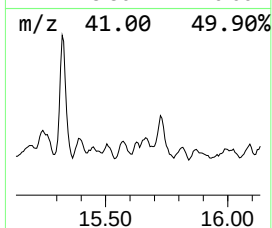
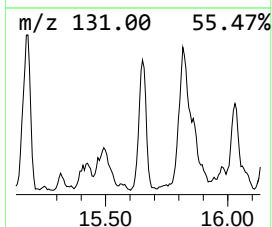
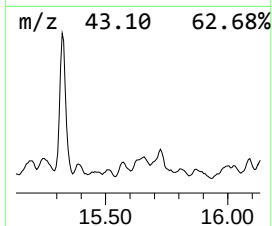
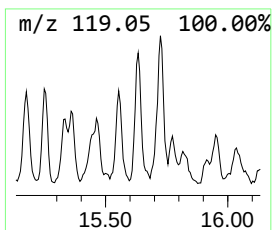
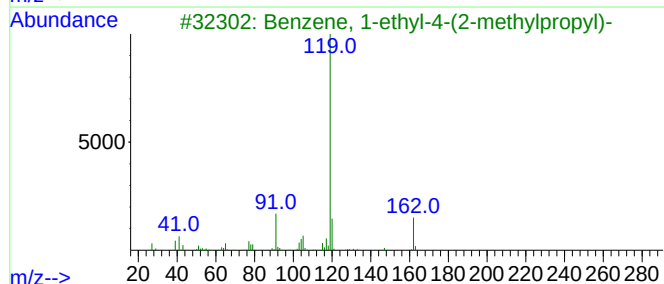
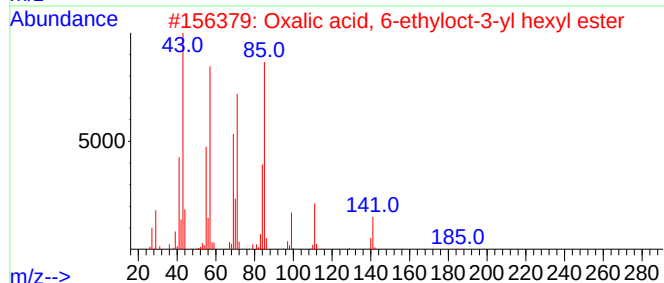
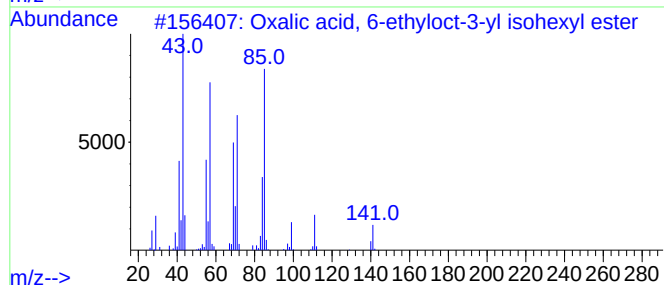
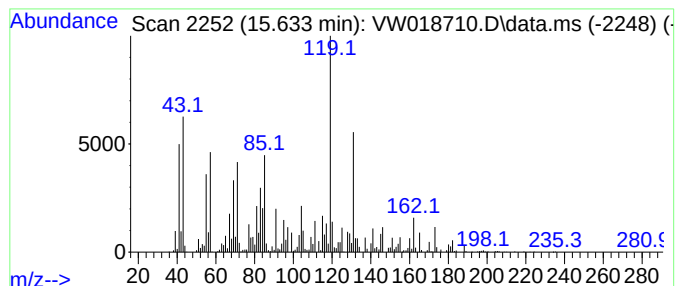
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Quant Title : SFAM01.0

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

Peak Number 34 unknown-04 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.633	10.12 ug/L	404374	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 6-ethyloct-3-yl iso...	314	C18H34O4	1000309-34-3	30
2			Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	30
3			Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	25
4			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	25
5			Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

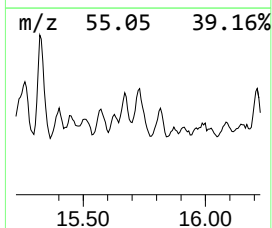
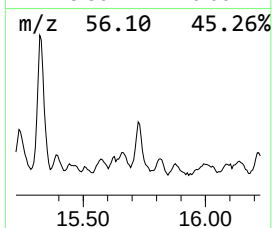
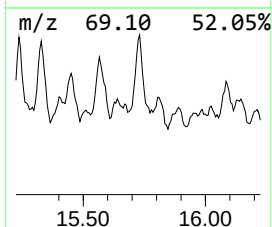
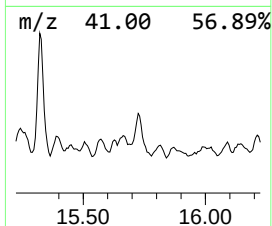
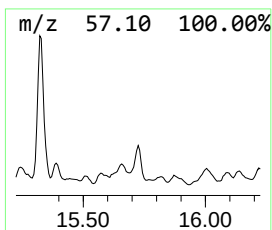
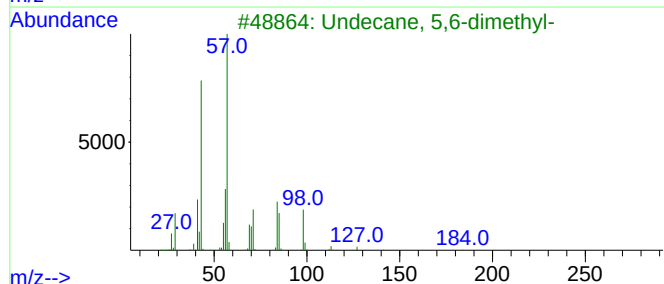
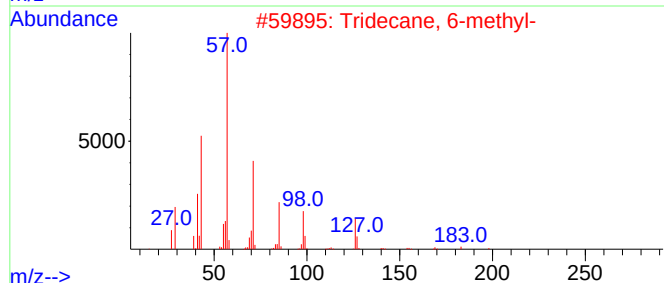
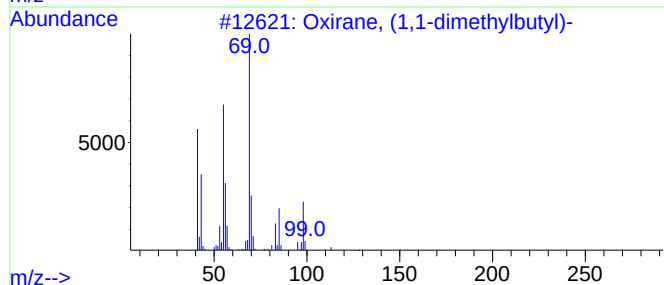
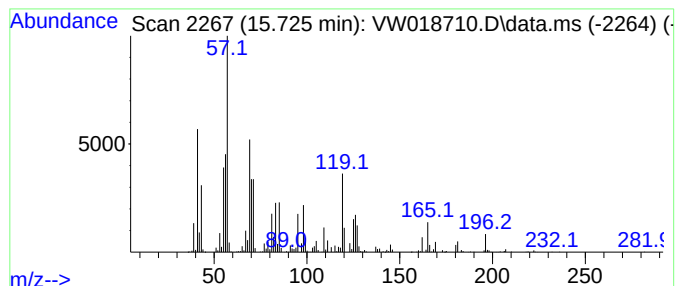
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Quant Title : SFAM01.0

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

Peak Number 35 unknown-05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.725	28.56 ug/L	1141480	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, (1,1-dimethylbutyl)-	128	C8H16O	053907-76-9	38
2			Tridecane, 6-methyl-	198	C14H30	013287-21-3	30
3			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	27
4			1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	25
5			Propanal, 2-methyl-, 2-propenylh...	126	C7H14N2	066075-08-9	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018710.D
Acq On : 21 Apr 2021 14:21
Operator : SY/VA
Sample : M2065-15RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG568RE

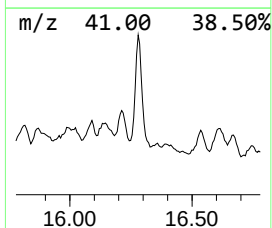
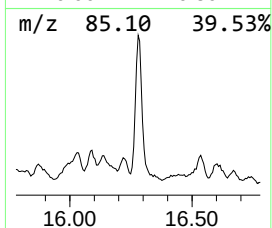
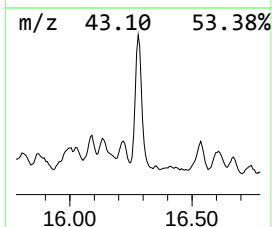
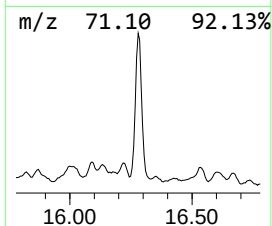
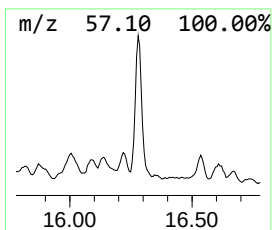
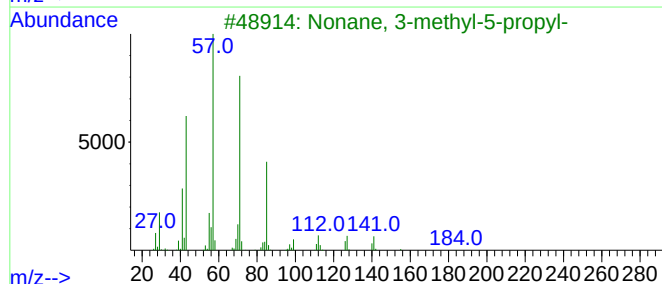
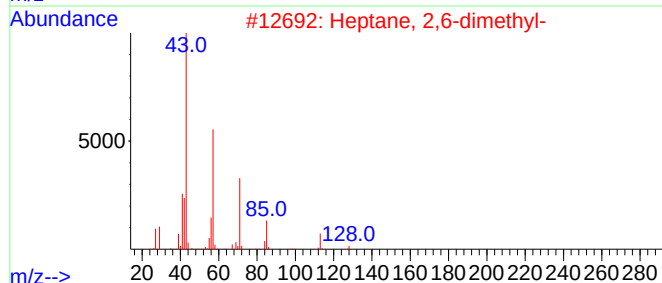
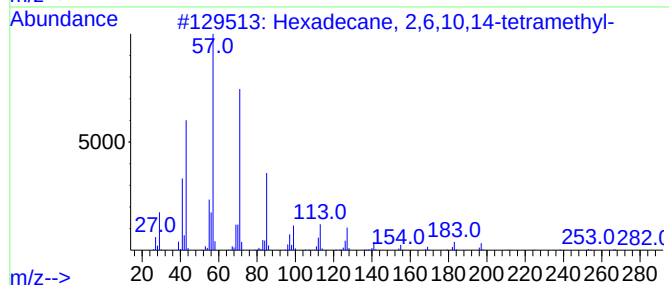
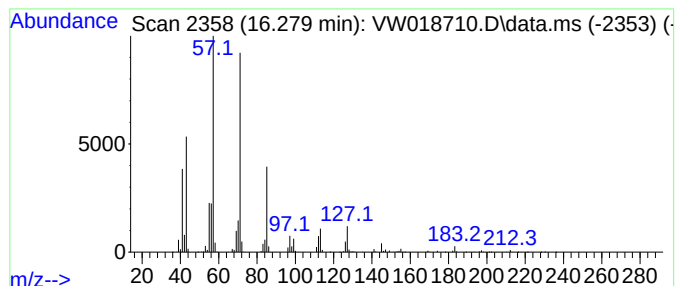
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Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	52.91 ug/L	2114370	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	83
3		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	80
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018710.D
 Acq On : 21 Apr 2021 14:21
 Operator : SY/VA
 Sample : M2065-15RE
 Misc : 3.53G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG568RE

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...	8.482	1.7	ug/L	97638	1	8.842	1405610	25.0
(DEL) Alkane: S...	9.762	1.9	ug/L	108734	1	8.842	1405610	25.0
(DEL) Alkane: S...	9.896	2.4	ug/L	136368	1	8.842	1405610	25.0
(DEL) Alkane: S...	10.250	2.0	ug/L	113313	2	11.634	1379360	25.0
2-Thiophenecarb...	11.232	1.4	ug/L	77245	2	11.634	1379360	25.0
(DEL) Alkane: S...	12.250	8.9	ug/L	491033	2	11.634	1379360	25.0
(DEL) Alkane: S...	12.365	19.0	ug/L	1049470	2	11.634	1379360	25.0
(DEL) Alkane: S...	12.591	26.6	ug/L	1470550	2	11.634	1379360	25.0
(DEL) Alkane: C...	12.859	11.3	ug/L	452349	3	13.560	999101	25.0
(DEL) Alkane: C...	12.926	46.7	ug/L	1866870	3	13.560	999101	25.0
unknown-01	13.079	6.2	ug/L	246800	3	13.560	999101	25.0
5-Octen-4-one, ...	13.128	7.3	ug/L	289743	3	13.560	999101	25.0
(DEL) Alkane: S...	13.164	8.7	ug/L	347532	3	13.560	999101	25.0
(DEL) Alkane: S...	13.292	17.9	ug/L	714372	3	13.560	999101	25.0
(DEL) Alkane: S...	13.341	10.9	ug/L	437334	3	13.560	999101	25.0
(DEL) Alkane: S...	13.377	4.6	ug/L	184116	3	13.560	999101	25.0
(DEL) Alkane: S...	13.408	22.3	ug/L	890304	3	13.560	999101	25.0
(DEL) Alkane: C...	13.445	18.4	ug/L	733415	3	13.560	999101	25.0
unknown-02	13.481	6.9	ug/L	276502	3	13.560	999101	25.0
(DEL) Alkane: S...	13.701	12.1	ug/L	484578	3	13.560	999101	25.0
(DEL) Alkane: S...	14.194	17.9	ug/L	714858	3	13.560	999101	25.0
unknown-03	14.261	22.4	ug/L	895892	3	13.560	999101	25.0
Naphthalene, de...	14.383	34.1	ug/L	1361970	3	13.560	999101	25.0
(DEL) Alkane: S...	14.499	24.2	ug/L	967181	3	13.560	999101	25.0
(DEL) Alkane: C...	14.737	9.5	ug/L	381229	3	13.560	999101	25.0
Benzene, 1-ethy...	14.792	25.7	ug/L	1025910	3	13.560	999101	25.0
(DEL) Alkane: S...	14.841	41.3	ug/L	1648360	3	13.560	999101	25.0
Benzene, 1-ethy...	15.060	12.5	ug/L	498472	3	13.560	999101	25.0
(DEL) Alkane: S...	15.322	76.9	ug/L	3073720	3	13.560	999101	25.0
unknown-04	15.633	10.1	ug/L	404374	3	13.560	999101	25.0
unknown-05	15.725	28.6	ug/L	1141480	3	13.560	999101	25.0
(DEL) Alkane: S...	16.279	52.9	ug/L	2114370	3	13.560	999101	25.0