

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018707.D
 Acq On : 21 Apr 2021 13:10
 Operator : SY/VA
 Sample : M2065-11RE
 Misc : 3.89G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG564RE

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: VW018707.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	49	rBV3	17512	35308	1.65%	0.087%
2	2.355	66	74	87	rVB	108510	217602	10.20%	0.534%
3	2.508	94	99	103	rBV2	4704	9006	0.42%	0.022%
4	2.892	155	162	174	rVB	80088	198271	9.29%	0.487%
5	3.026	179	184	194	rBV	3212	9114	0.43%	0.022%
6	4.019	337	347	360	rBV	150225	445269	20.87%	1.094%
7	4.141	360	367	377	rVB2	17051	44824	2.10%	0.110%
8	4.391	396	408	413	rBV	16138	52307	2.45%	0.128%
9	4.922	483	495	513	rBV2	47333	170212	7.98%	0.418%
10	5.940	653	662	674	rVB3	12219	37720	1.77%	0.093%
11	7.086	842	850	854	rBV2	49331	131437	6.16%	0.323%
12	7.141	854	859	878	rVB2	58886	194246	9.10%	0.477%
13	7.653	932	943	962	rVB	308575	763856	35.80%	1.876%
14	7.958	984	993	1000	rBV5	10566	28140	1.32%	0.069%
15	8.031	1000	1005	1015	rVB4	5221	12931	0.61%	0.032%
16	8.275	1030	1045	1062	rBV2	545854	1744198	81.74%	4.284%
17	8.433	1062	1071	1073	rBV6	5744	11080	0.52%	0.027%
18	8.476	1076	1078	1088	rVB4	6580	18688	0.88%	0.046%
19	8.574	1088	1094	1108	rVB7	8157	21012	0.98%	0.052%
20	8.842	1130	1138	1151	rBV	671359	1334033	62.52%	3.277%
21	9.080	1169	1177	1183	rBV4	13459	29289	1.37%	0.072%
22	9.275	1200	1209	1215	rBV	389440	831050	38.95%	2.041%
23	9.336	1215	1219	1225	rVB2	83734	160640	7.53%	0.395%
24	9.610	1254	1264	1270	rBV3	17257	38211	1.79%	0.094%
25	9.756	1282	1288	1296	rVB3	20966	42486	1.99%	0.104%
26	9.896	1306	1311	1316	rVB3	13517	23452	1.10%	0.058%
27	9.951	1316	1320	1325	rVB5	5519	9984	0.47%	0.025%
28	10.037	1325	1334	1340	rBV	162675	298607	13.99%	0.733%
29	10.213	1355	1363	1366	rBV3	16483	33303	1.56%	0.082%
30	10.250	1366	1369	1374	rVB2	15326	23873	1.12%	0.059%
31	10.323	1374	1381	1389	rBV	674396	1200188	56.25%	2.948%
32	10.390	1389	1392	1397	rVB	11475	18568	0.87%	0.046%
33	10.494	1404	1409	1417	rVB5	19295	49764	2.33%	0.122%
34	10.579	1417	1423	1428	rBV	106323	190608	8.93%	0.468%
35	10.622	1428	1430	1433	rVB2	14248	14748	0.69%	0.036%
36	10.665	1433	1437	1439	rBV2	16066	22371	1.05%	0.055%

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

37	10.707	1439	1444	1449	rVB	70590	115707	5.42%	0.284%
38	10.768	1449	1454	1457	rBV4	12905	21100	0.99%	0.052%
39	10.799	1457	1459	1463	rVB4	7590	11042	0.52%	0.027%
40	10.847	1463	1467	1472	rVB2	17939	29797	1.40%	0.073%

41	10.927	1472	1480	1489	rBV2	251418	465820	21.83%	1.144%
42	11.043	1489	1499	1500	rBV3	48176	97558	4.57%	0.240%
43	11.061	1500	1502	1507	rVB	53155	75742	3.55%	0.186%
44	11.110	1507	1510	1514	rBV3	22964	30746	1.44%	0.076%
45	11.177	1517	1521	1525	rBV	57577	81268	3.81%	0.200%

46	11.232	1525	1530	1535	rVB	125215	209647	9.83%	0.515%
47	11.286	1535	1539	1542	rBV2	31003	40379	1.89%	0.099%
48	11.335	1542	1547	1552	rVB2	68117	108417	5.08%	0.266%
49	11.384	1552	1555	1558	rVB2	15908	21000	0.98%	0.052%
50	11.439	1558	1564	1571	rVB2	135638	242748	11.38%	0.596%

51	11.506	1571	1575	1578	rBV2	12679	20243	0.95%	0.050%
52	11.549	1578	1582	1588	rBV5	12496	20844	0.98%	0.051%
53	11.634	1588	1596	1605	rBV	720405	1287147	60.32%	3.162%
54	11.768	1614	1618	1621	rBV	43033	60265	2.82%	0.148%
55	11.817	1621	1626	1631	rBV4	70028	144002	6.75%	0.354%

56	11.872	1631	1635	1640	rBV	164861	299780	14.05%	0.736%
57	11.975	1647	1652	1655	rBV	74244	140836	6.60%	0.346%
58	12.036	1659	1662	1664	rVV	27404	33797	1.58%	0.083%
59	12.067	1664	1667	1671	rVB	58013	76837	3.60%	0.189%
60	12.134	1671	1678	1684	rBV4	241014	649062	30.42%	1.594%

61	12.189	1685	1687	1690	rVB2	51673	53433	2.50%	0.131%
62	12.250	1690	1697	1702	rVB	497114	914119	42.84%	2.245%
63	12.359	1702	1715	1723	rBV4	559092	2133766	100.00%	5.241%
64	12.451	1726	1730	1734	rBV4	122193	187095	8.77%	0.460%
65	12.500	1735	1738	1746	rVB5	229711	446032	20.90%	1.096%

66	12.567	1746	1749	1751	rVB	38771	41395	1.94%	0.102%
67	12.615	1751	1757	1762	rVB2	192494	399804	18.74%	0.982%
68	12.695	1762	1770	1775	rBV3	495530	1100180	51.56%	2.702%
69	12.743	1776	1778	1780	rBV3	39274	44394	2.08%	0.109%
70	12.780	1780	1784	1790	rVB2	453903	818623	38.37%	2.011%

71	12.859	1790	1797	1802	rBV6	378560	941509	44.12%	2.313%
72	12.939	1803	1810	1816	rBV6	490808	1349826	63.26%	3.315%
73	13.079	1824	1833	1836	rBV5	355050	764916	35.85%	1.879%
74	13.121	1836	1840	1845	rVV4	331621	644200	30.19%	1.582%
75	13.189	1845	1851	1859	rVV7	255317	851831	39.92%	2.092%

76	13.262	1859	1863	1864	rVV2	186136	246109	11.53%	0.605%
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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Title : SFAM01.0

77	13.292	1864	1868	1872	rVV	505857	874357	40.98%	2.148%
78	13.341	1873	1876	1880	rVV	369417	607317	28.46%	1.492%
79	13.378	1880	1882	1885	rVV2	216623	285738	13.39%	0.702%
80	13.445	1885	1893	1897	rVV4	623643	1551975	72.73%	3.812%
81	13.481	1897	1899	1905	rVV5	288747	426713	20.00%	1.048%
82	13.560	1907	1912	1920	rVB2	424519	922597	43.24%	2.266%
83	13.695	1929	1934	1939	rBV4	260541	452229	21.19%	1.111%
84	13.877	1956	1964	1968	rBV3	771921	1828443	85.69%	4.491%
85	13.926	1969	1972	1977	rVB4	172807	277033	12.98%	0.680%
86	13.975	1977	1980	1984	rBV4	235043	352099	16.50%	0.865%
87	14.194	2012	2016	2021	rBV3	387902	652207	30.57%	1.602%
88	14.262	2022	2027	2033	rBV5	412789	724664	33.96%	1.780%
89	14.316	2033	2036	2041	rBV5	139090	233553	10.95%	0.574%
90	14.383	2042	2047	2051	rBV2	728125	1187614	55.66%	2.917%
91	14.548	2068	2074	2079	rBV6	392668	803458	37.65%	1.973%
92	14.658	2089	2092	2095	rVB	168559	202578	9.49%	0.498%
93	14.737	2101	2105	2109	rBV3	243674	336806	15.78%	0.827%
94	14.792	2110	2114	2119	rVV4	453814	922620	43.24%	2.266%
95	14.853	2120	2124	2128	rVB4	419442	729667	34.20%	1.792%
96	15.060	2154	2158	2163	rVB7	231315	369514	17.32%	0.908%
97	15.322	2197	2201	2208	rBV	692762	1288840	60.40%	3.166%
98	15.395	2208	2213	2217	rBV5	308706	637334	29.87%	1.565%
99	15.572	2237	2242	2247	rBV6	225551	480426	22.52%	1.180%
100	16.279	2355	2358	2367	rVB3	415766	877557	41.13%	2.155%

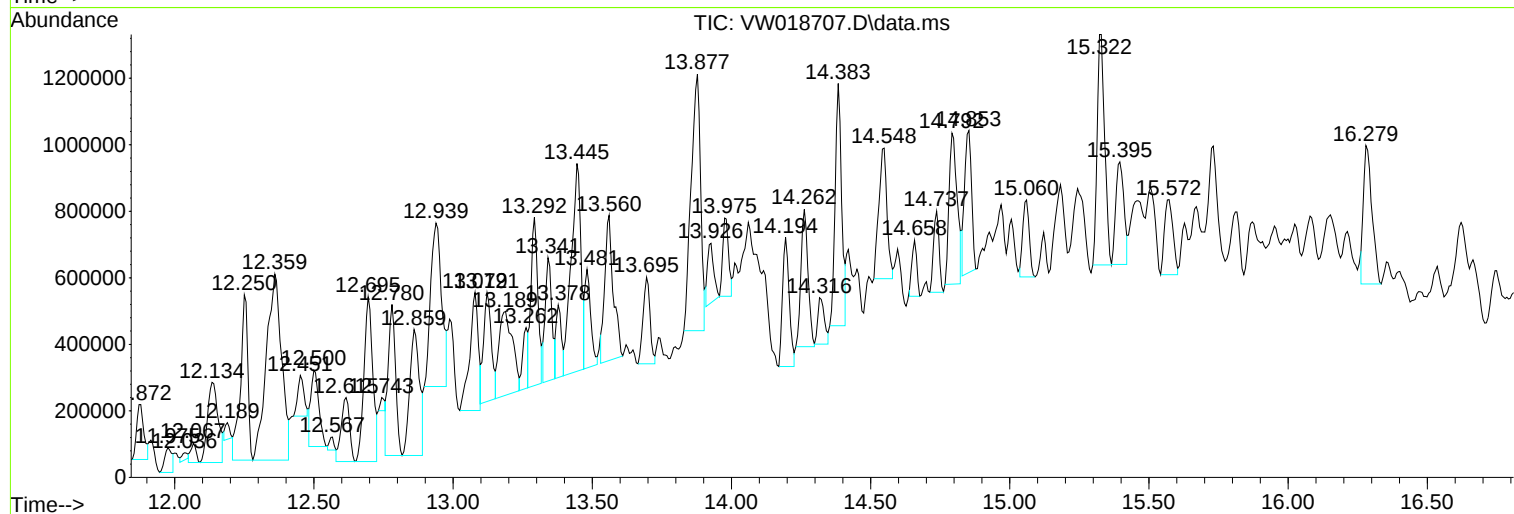
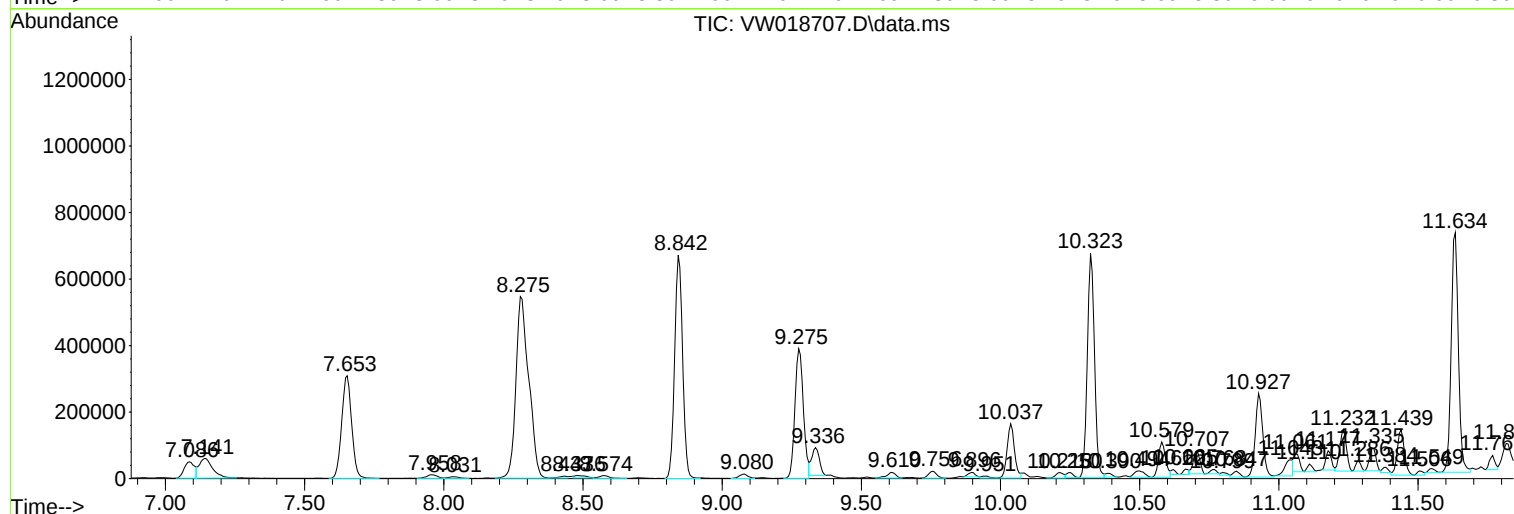
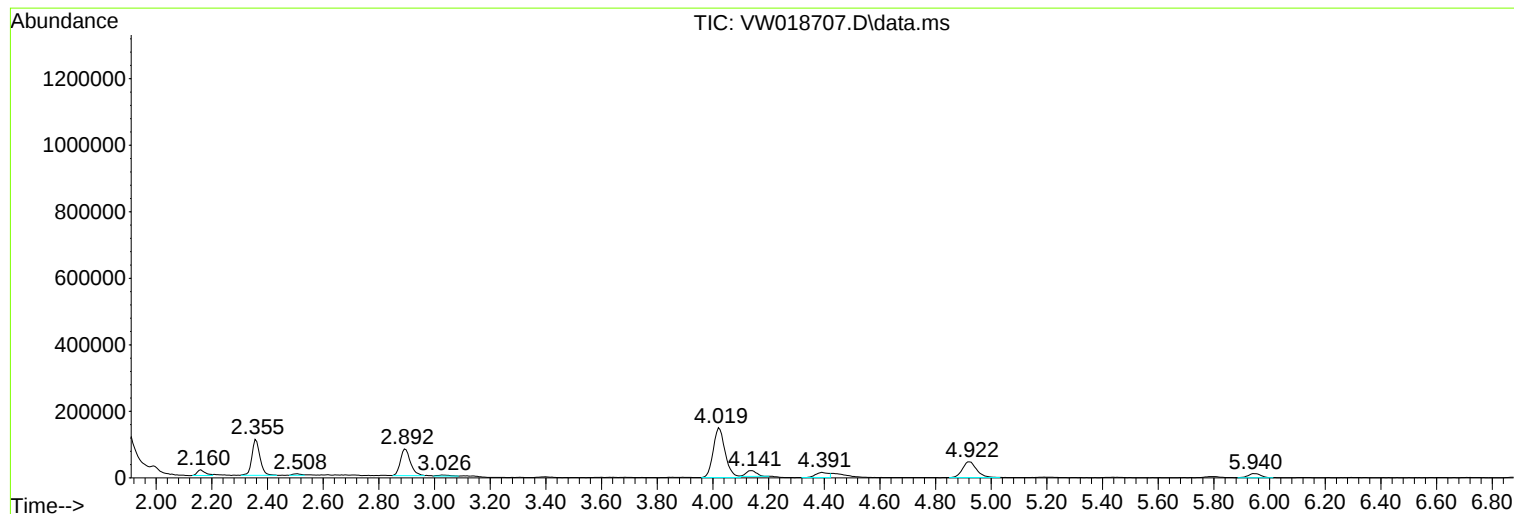
Sum of corrected areas: 40712751

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ALS Vial : 9 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



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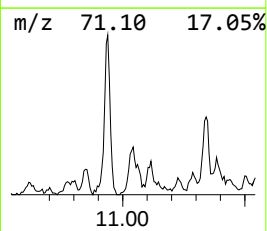
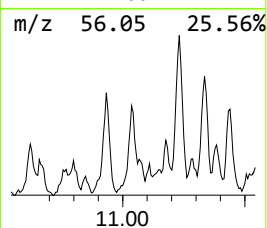
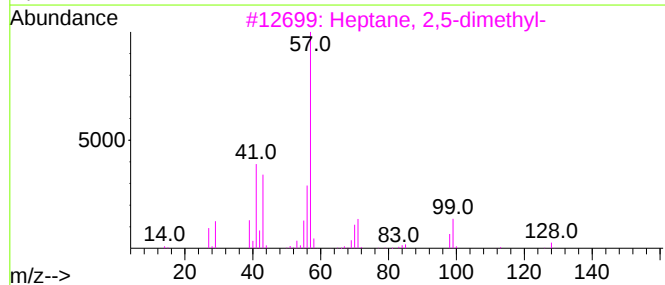
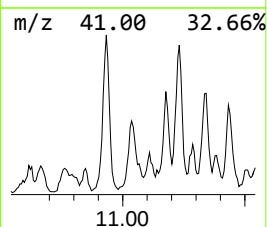
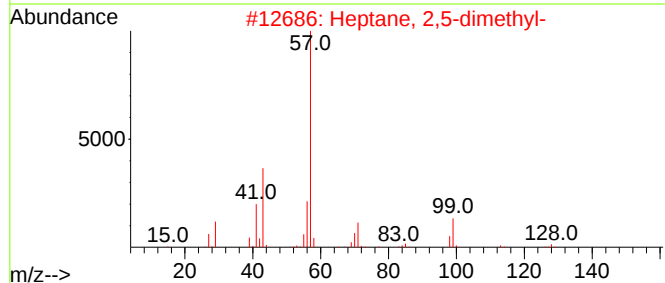
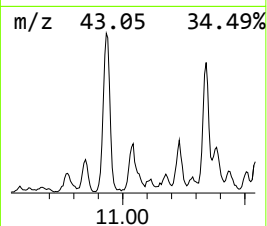
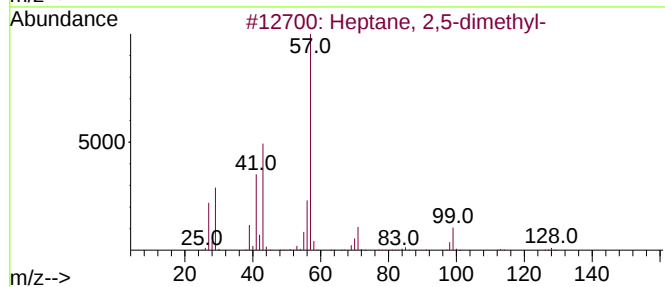
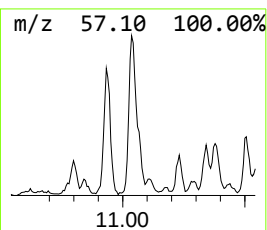
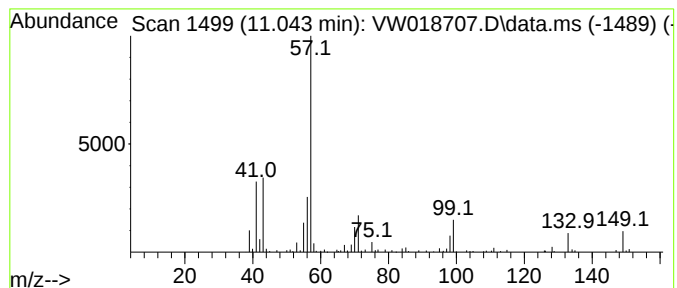
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.043	1.89 ug/L	97558	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
4			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	64
5			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	64



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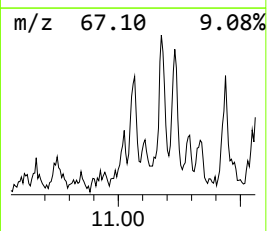
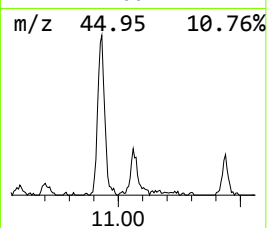
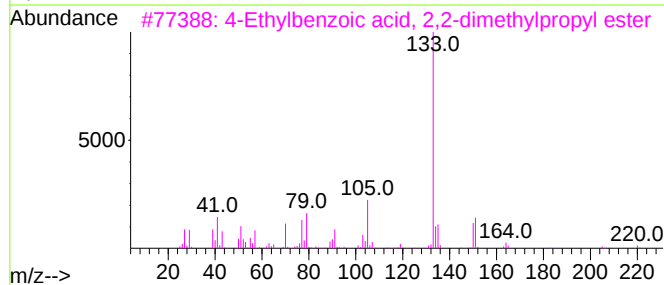
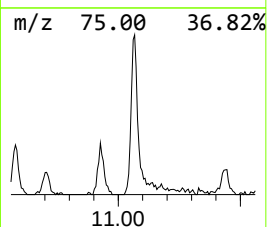
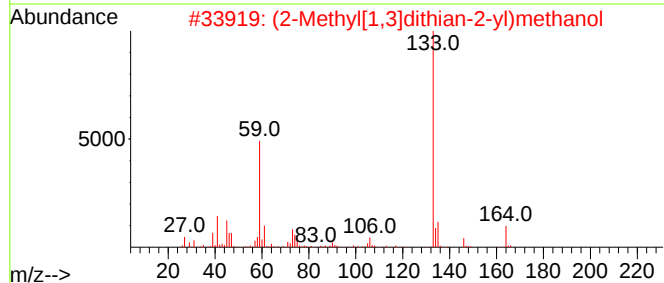
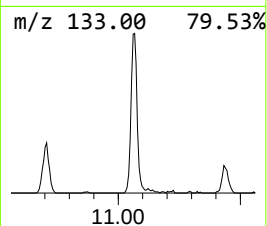
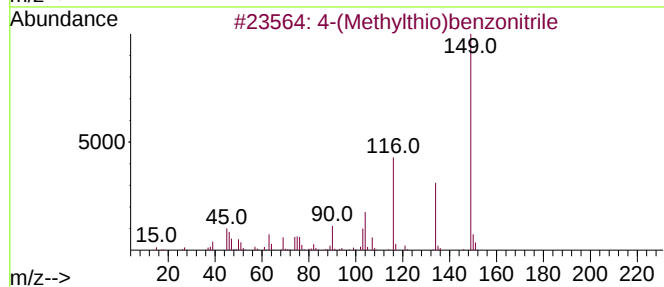
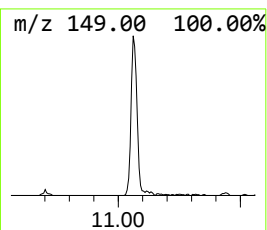
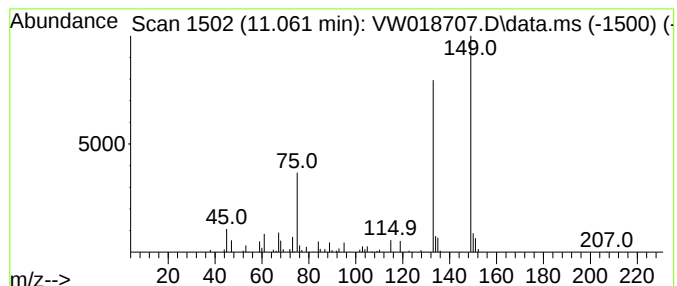
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 unknown-01 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.061	1.47 ug/L	75742	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	35
2			(2-Methyl[1,3]dithian-2-yl)methanol	164	C6H12OS2	1000191-37-4	25
3			4-Ethylbenzoic acid, 2,2-dimethy...	220	C14H20O2	1000293-49-5	25
4			Acetophenone, 3-methoxymethyl-	164	C10H12O2	1000159-01-9	25
5			4-Ethylbenzoic acid, allyl ester	190	C12H14O2	1000293-31-7	17



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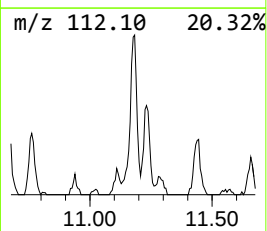
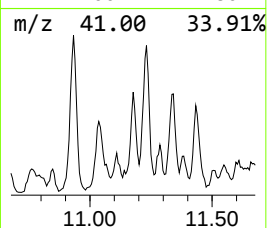
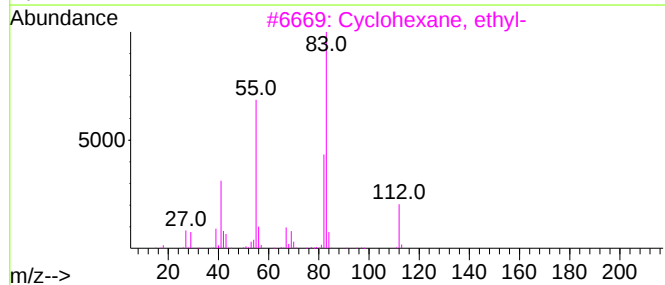
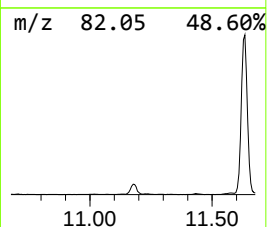
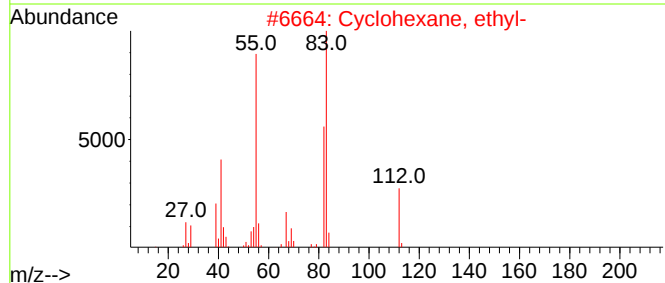
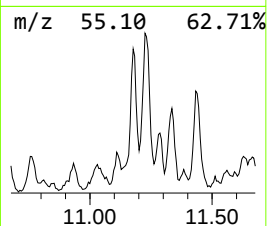
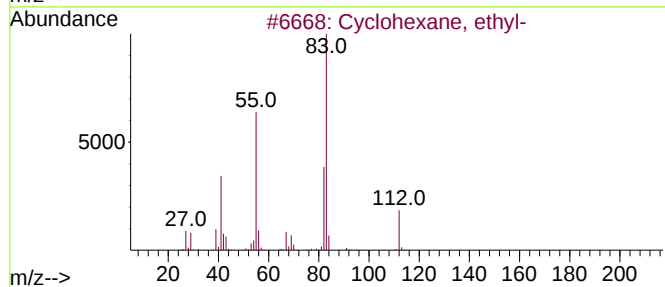
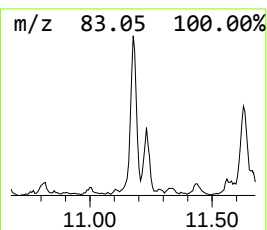
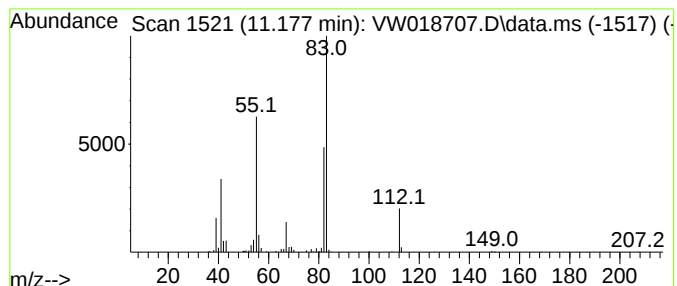
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic11.177 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	1.58 ug/L	81268	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

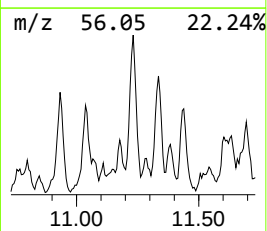
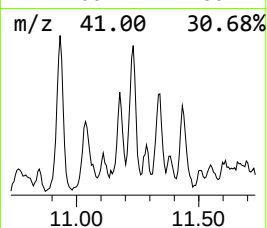
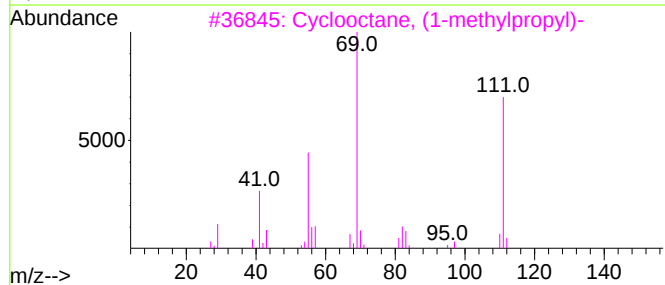
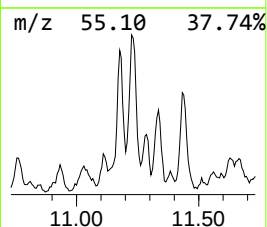
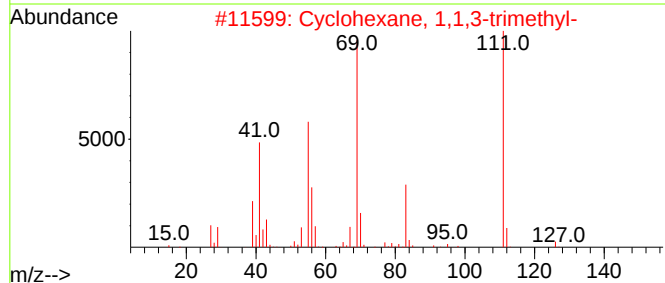
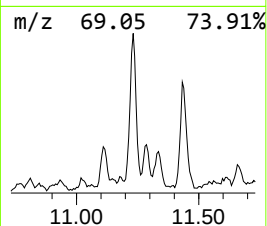
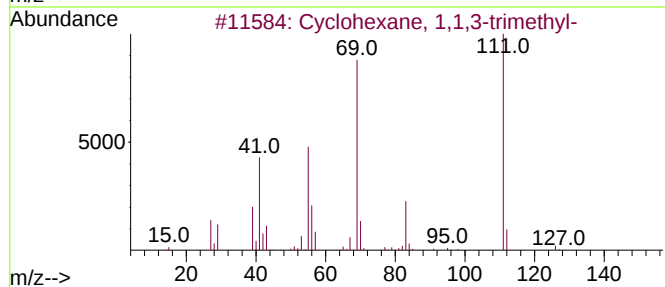
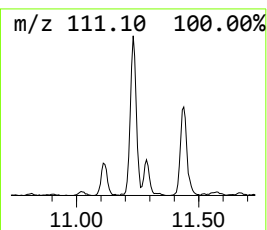
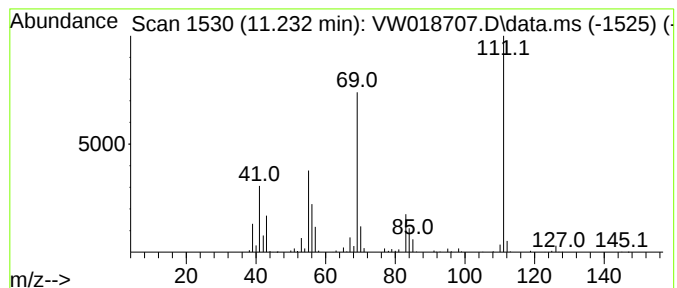
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic11.232 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.232	4.07 ug/L	209647	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			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
3			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	64
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	62
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

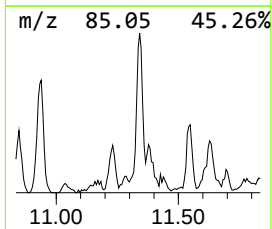
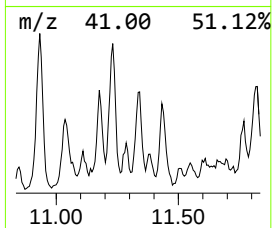
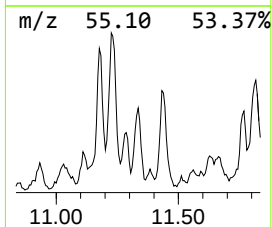
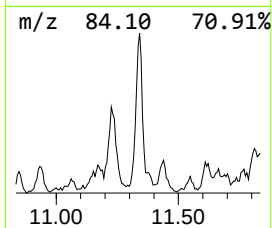
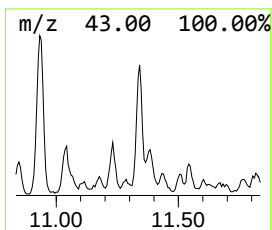
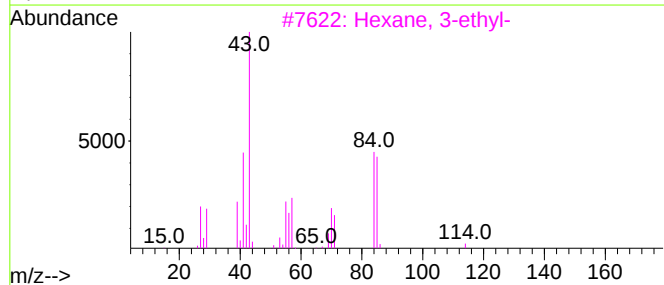
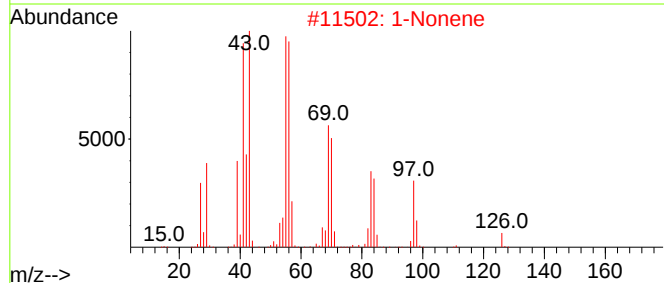
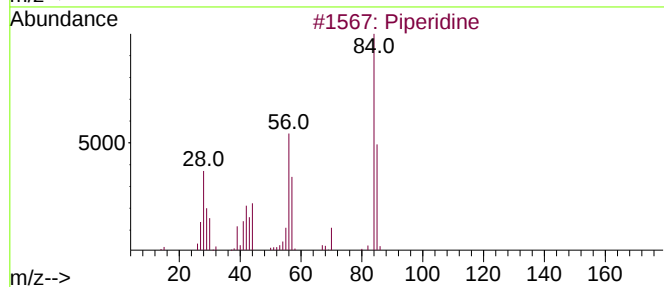
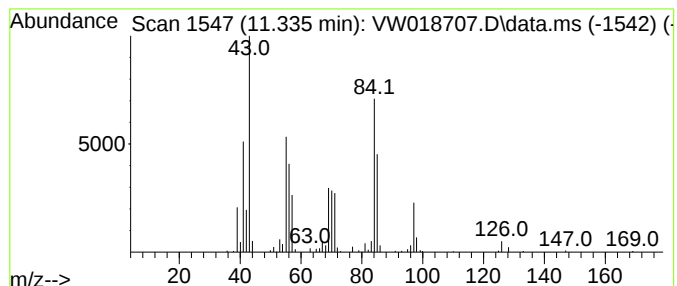
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Quant Title : SFAM01.0

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

Peak Number 7 Piperidine Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	2.11 ug/L	108417	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Piperidine	85	C5H11N	000110-89-4	52
2			1-Nonene	126	C9H18	000124-11-8	49
3			Hexane, 3-ethyl-	114	C8H18	000619-99-8	47
4			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	47
5			Piperidine	85	C5H11N	000110-89-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

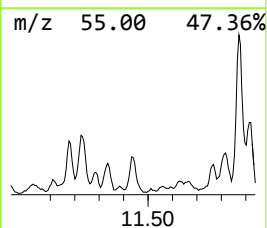
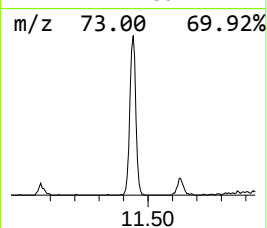
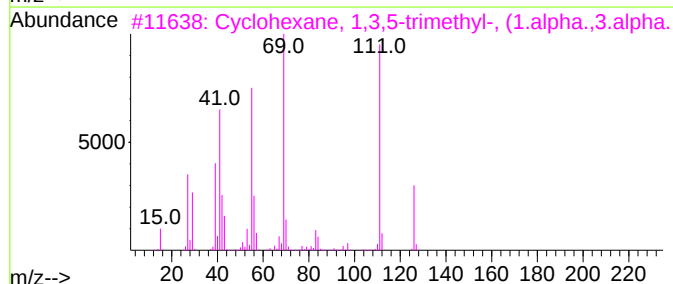
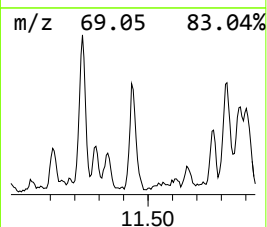
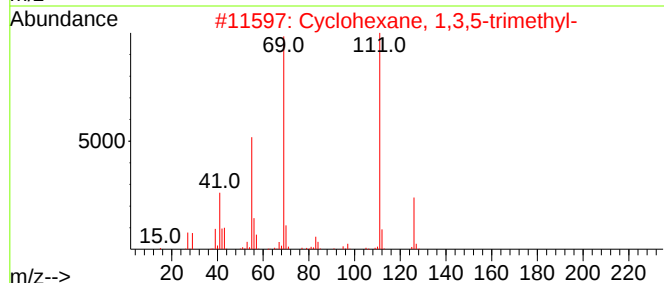
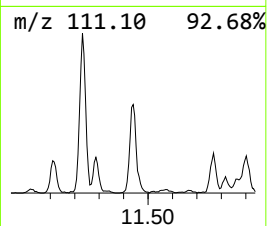
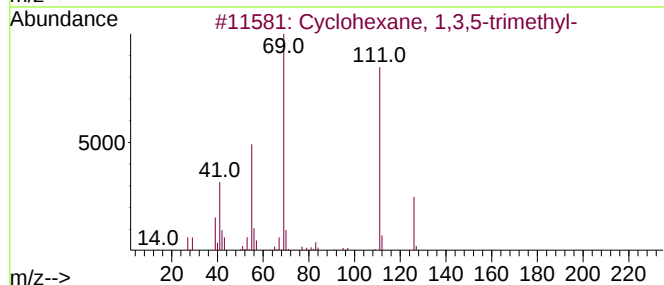
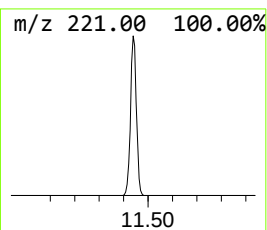
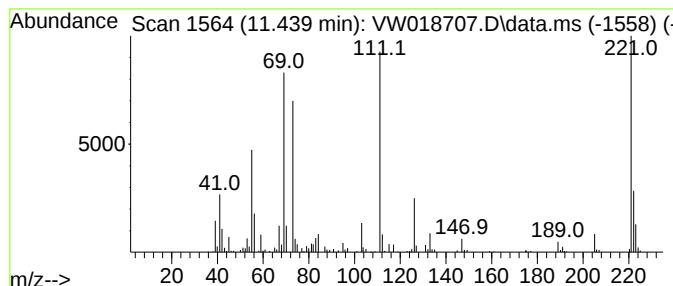
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic11.439 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	4.71 ug/L	242748	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	55
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	55
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	55
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	55
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

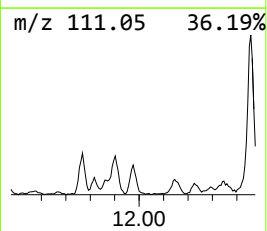
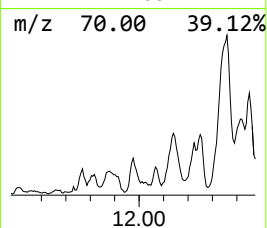
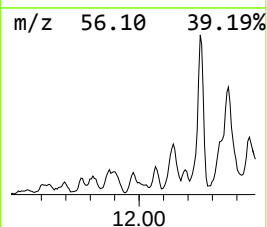
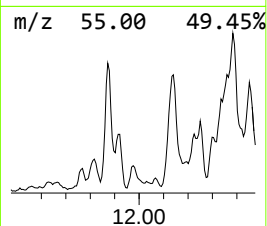
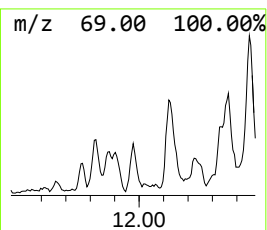
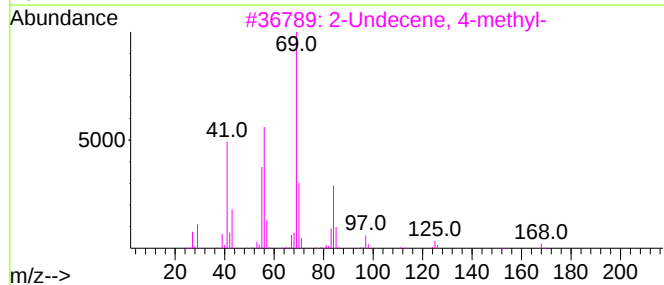
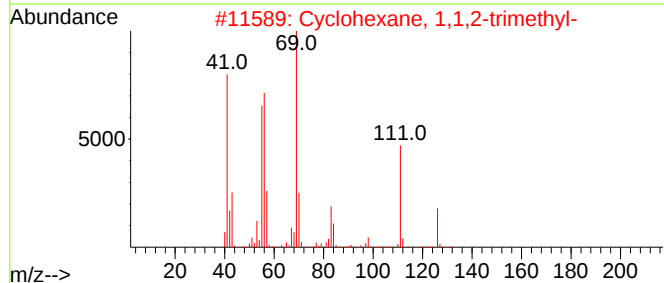
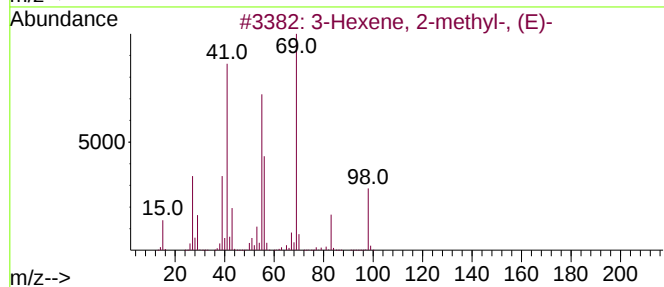
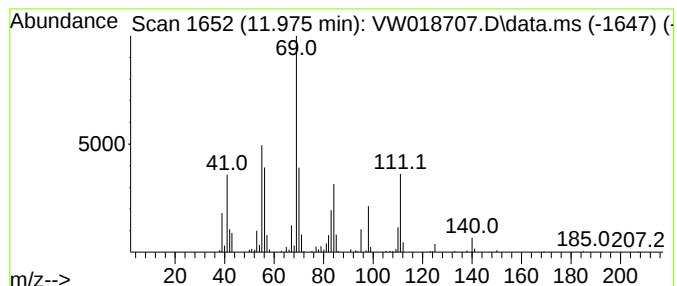
Instrument :
MSVOA_W
ClientSampleId :
BG564RE

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 9 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.975	2.74 ug/L	140836	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	53
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	50
3	2-Undecene, 4-methyl-	168	C12H24	091695-32-8	47
4	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	46
5	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

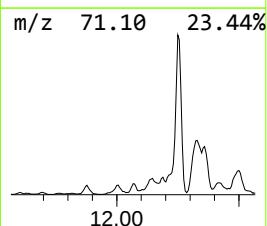
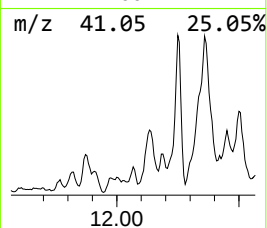
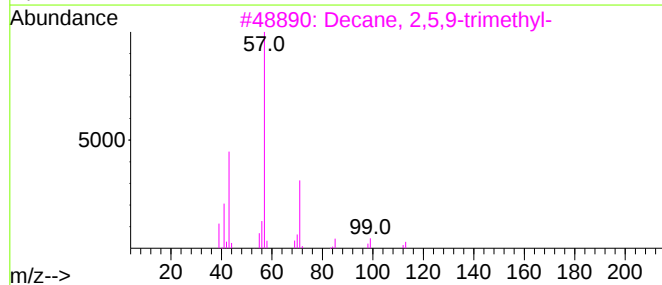
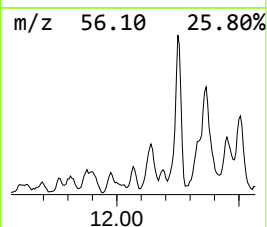
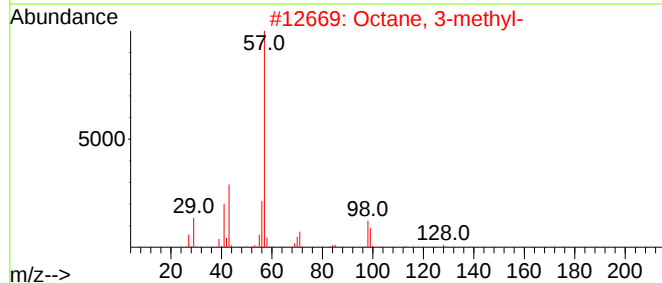
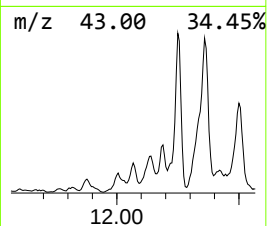
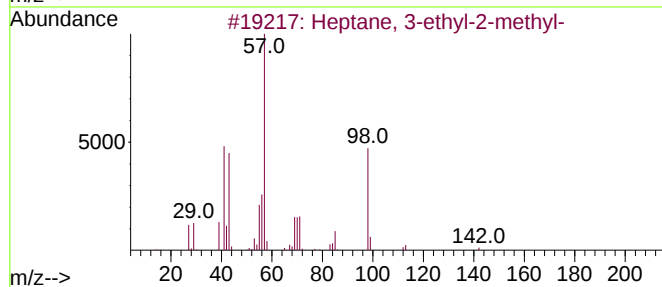
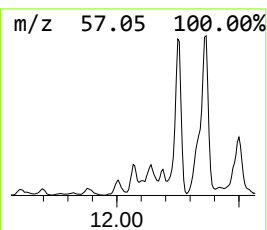
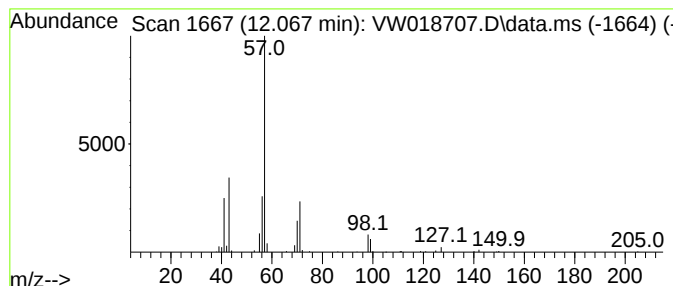
Instrument :
MSVOA_W
ClientSampleId :
BG564RE

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 10 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.067	1.49 ug/L	76837	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	59
2	Octane, 3-methyl-		128	C9H20	002216-33-3	53
3	Decane, 2,5,9-trimethyl-		184	C13H28	062108-22-9	53
4	Nonane, 4-methyl-		142	C10H22	017301-94-9	52
5	Decane, 2,5-dimethyl-		170	C12H26	017312-50-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

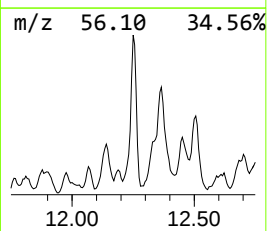
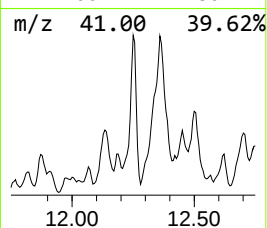
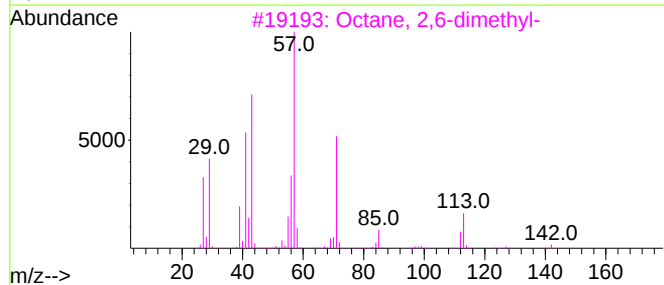
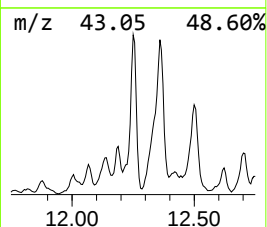
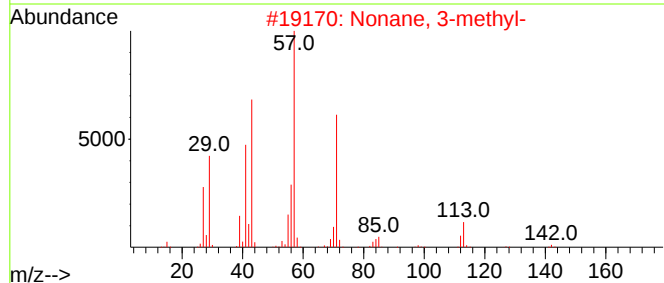
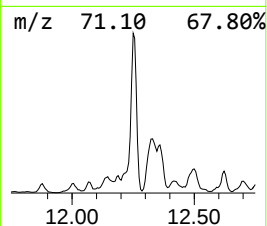
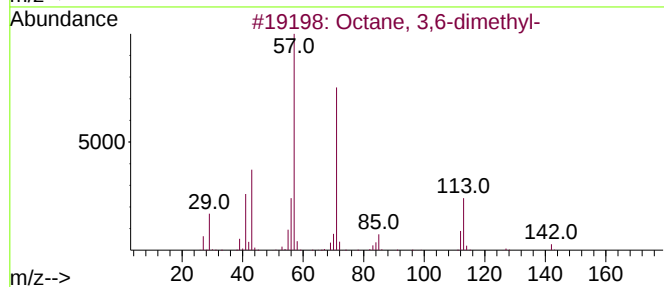
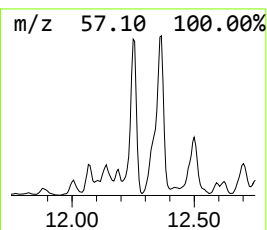
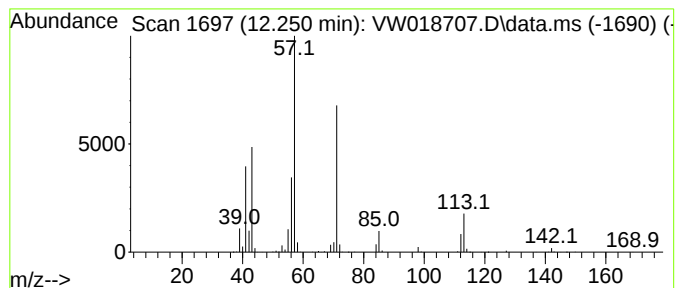
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	17.75 ug/L	914119	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
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 : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

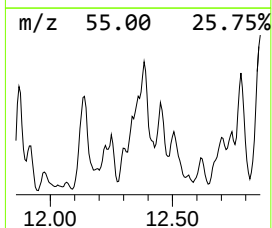
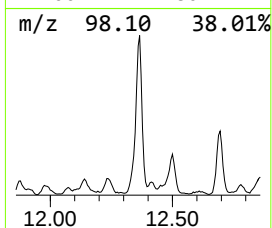
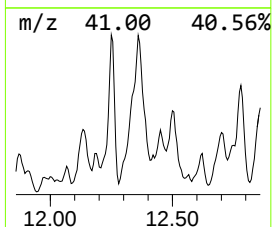
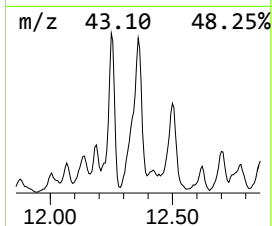
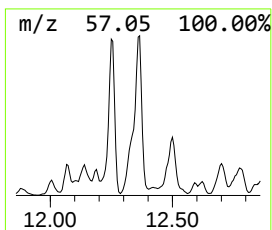
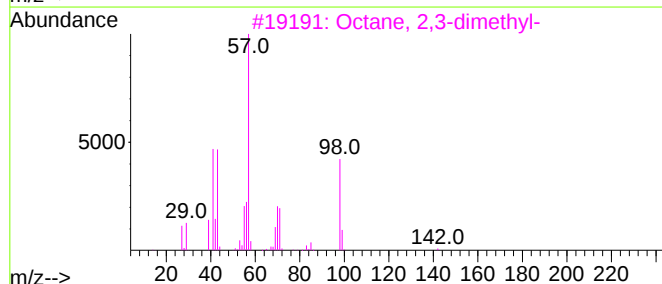
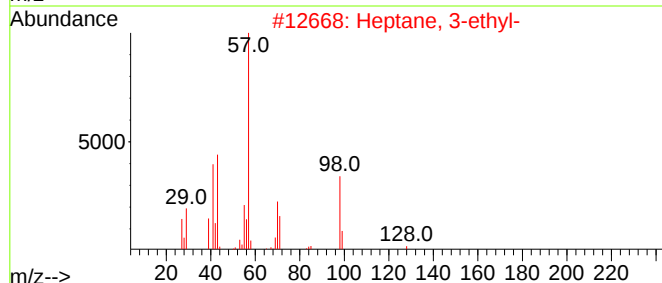
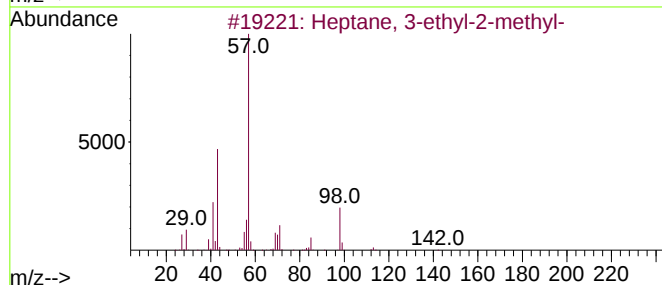
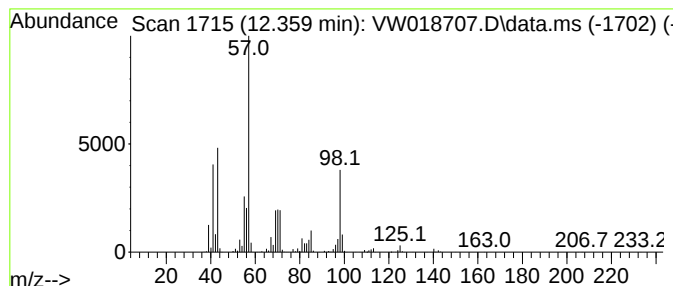
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.359	41.44 ug/L	2133770	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
2		Heptane, 3-ethyl-	128	C9H20	015869-80-4	59
3		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
5		Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

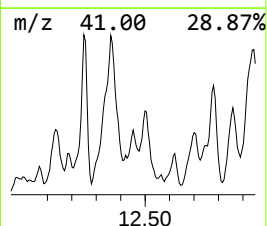
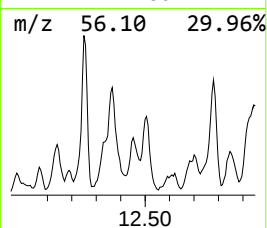
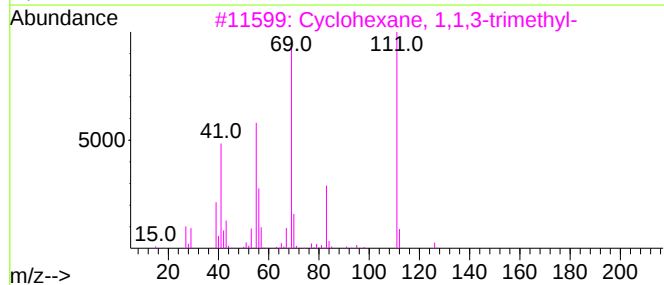
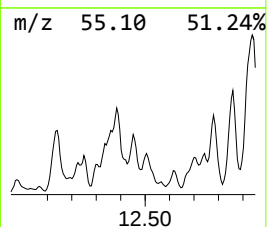
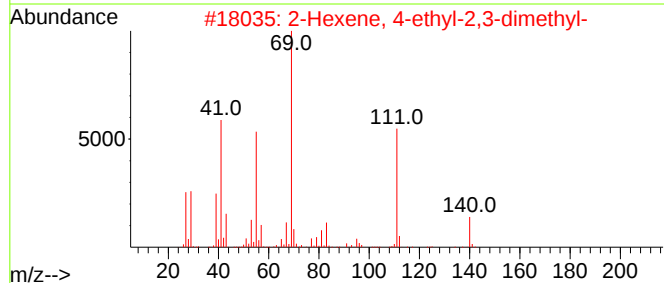
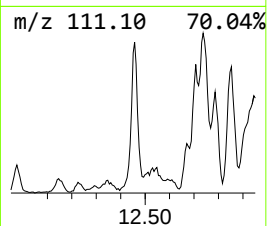
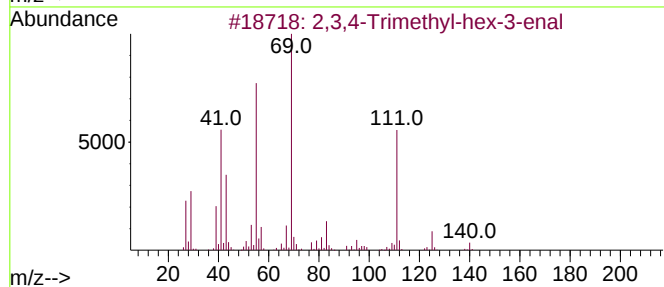
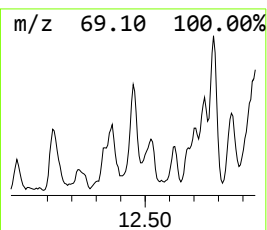
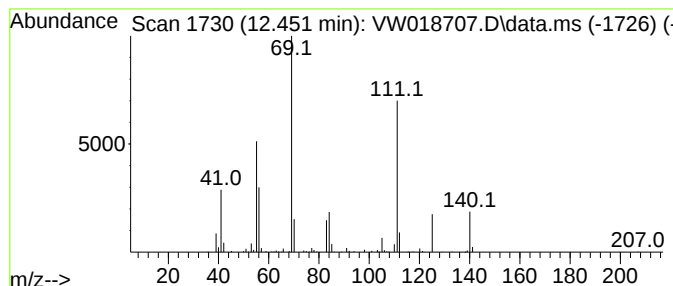
Instrument :
MSVOA_W
ClientSampleId :
BG564RE

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 2,3,4-Trimethyl-hex-3-enal Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.451	3.63 ug/L	187095	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,3,4-Trimethyl-hex-3-enal		140	C9H16O	1000193-72-9	64
2	2-Hexene, 4-ethyl-2,3-dimethyl-		140	C10H20	1000149-19-7	64
3	Cyclohexane, 1,1,3-trimethyl-		126	C9H18	003073-66-3	59
4	Trans-1,4-diethylcyclohexane		140	C10H20	013990-93-7	58
5	2-Pentene-1,4-dione, 1-(1,2,2-tr...		208	C13H20O2	1000196-77-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

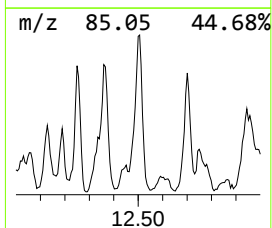
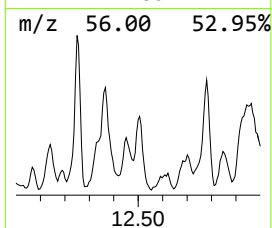
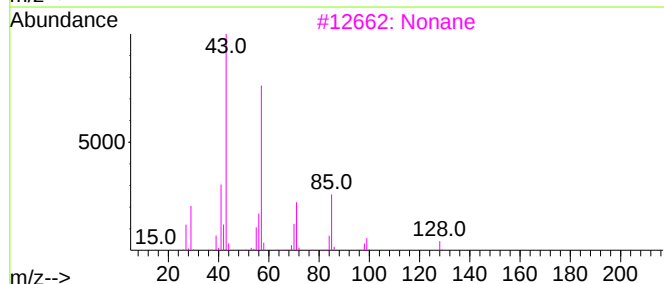
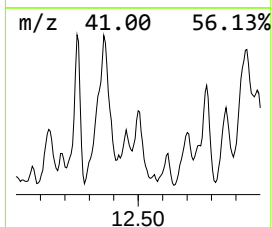
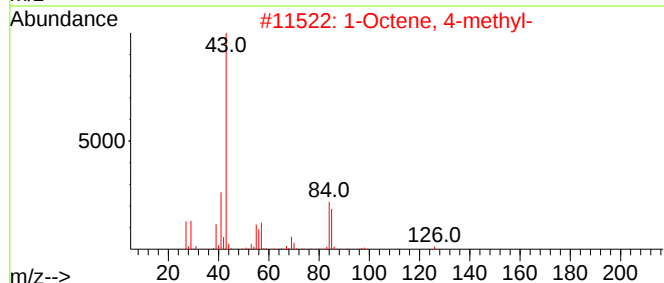
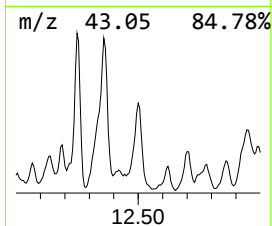
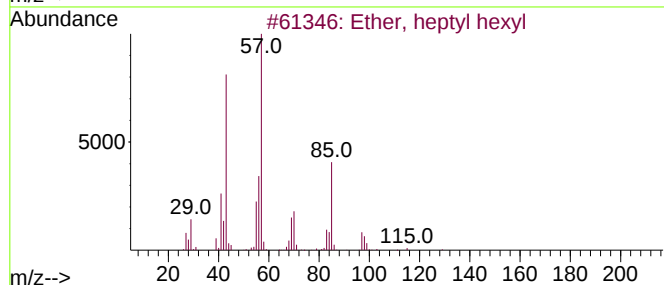
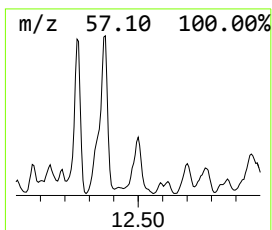
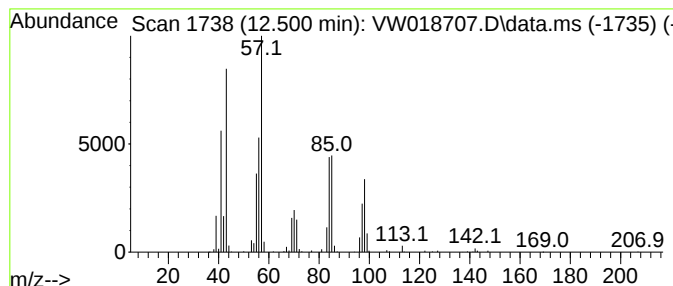
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.500	8.66 ug/L	446032	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ether, heptyl hexyl	200	C13H28O	007289-40-9	43
2			1-Octene, 4-methyl-	126	C9H18	013151-12-7	38
3			Nonane	128	C9H20	000111-84-2	38
4			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	35
5			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

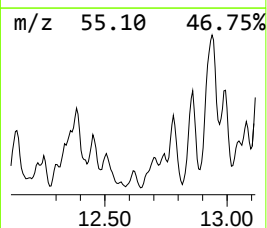
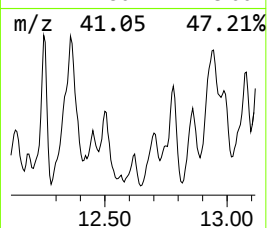
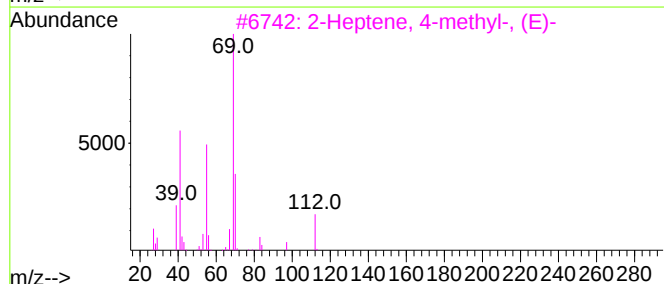
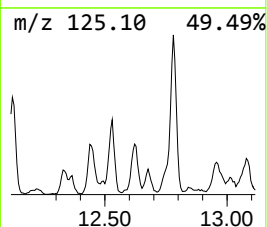
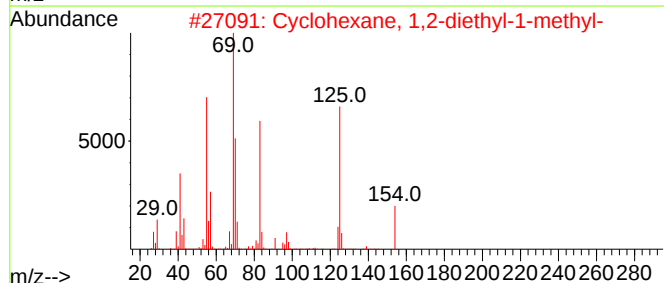
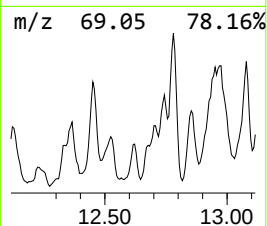
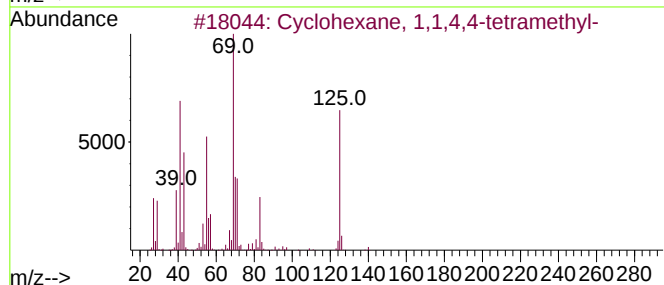
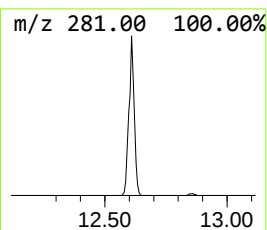
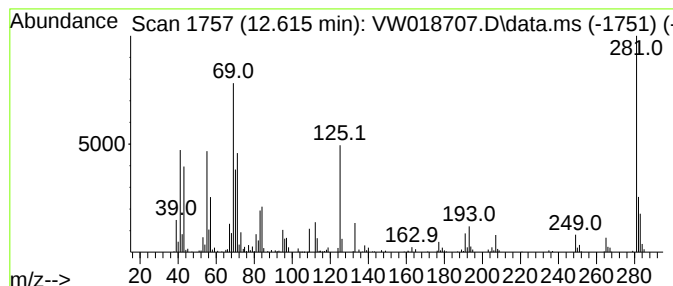
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Cyclic12.616 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	10.83 ug/L	399804	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	38
2			Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	38
3			2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	38
4			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	35
5			Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

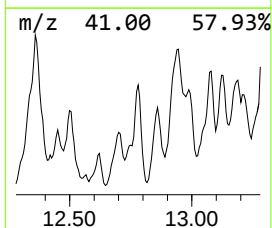
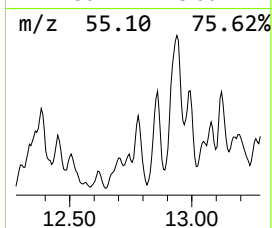
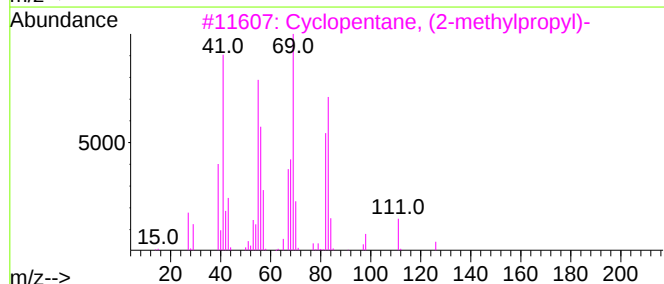
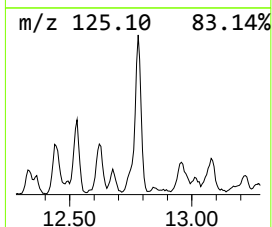
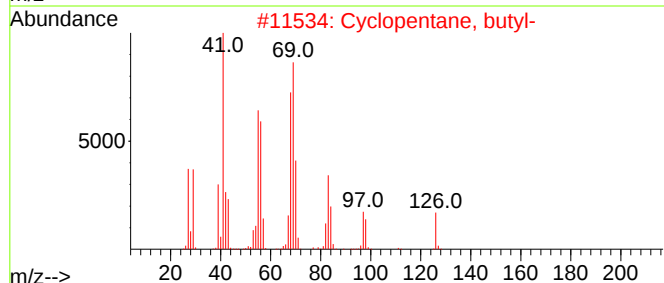
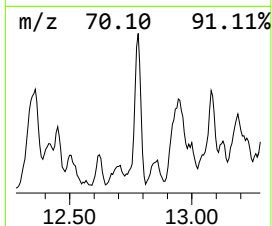
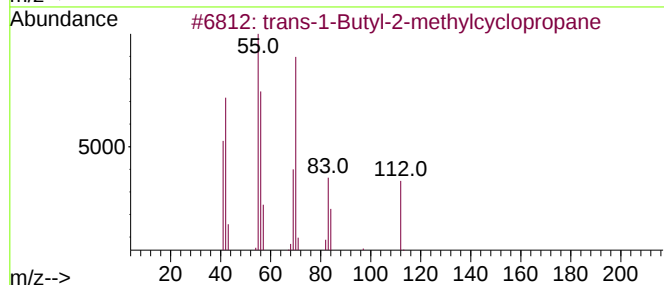
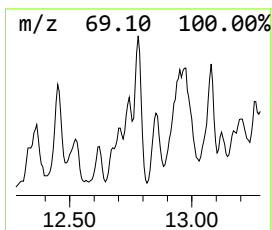
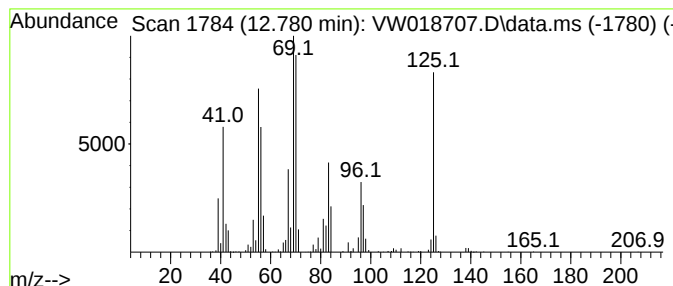
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Cyclic12.780 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	22.18 ug/L	818623	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	46
2			Cyclopentane, butyl-	126	C9H18	002040-95-1	45
3			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	43
4			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
5			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

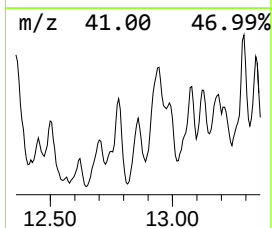
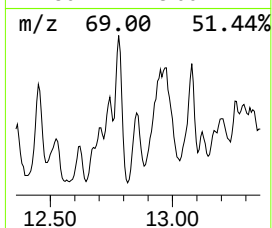
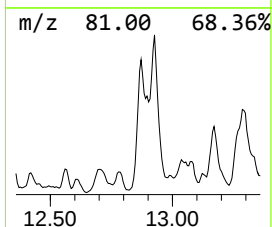
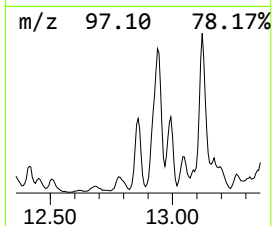
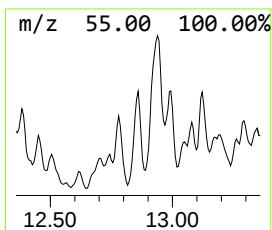
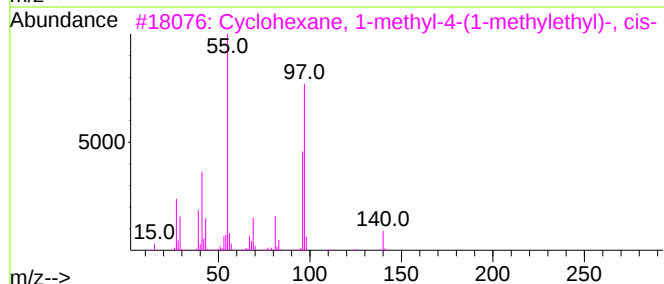
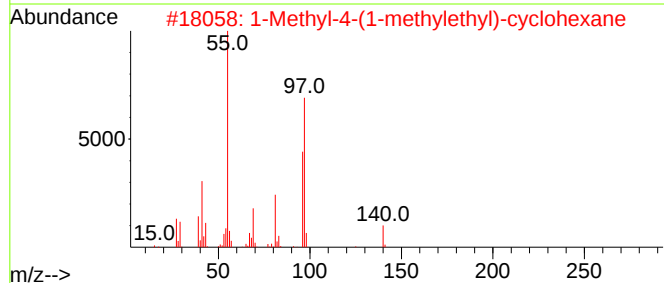
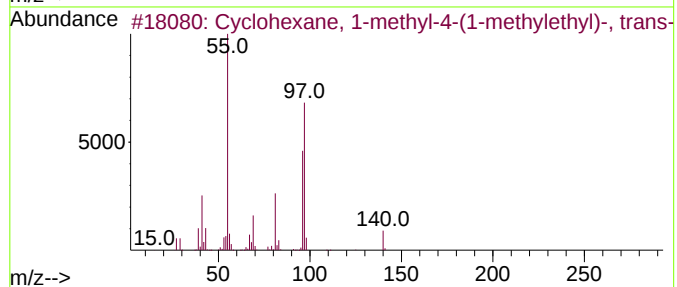
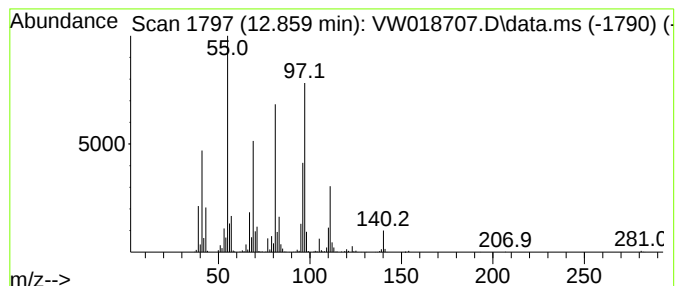
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic12.859 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	25.51 ug/L	941509	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	76
2			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	68
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	68
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	68
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

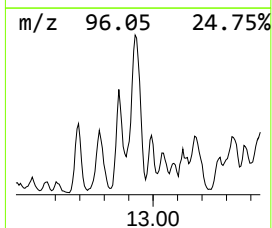
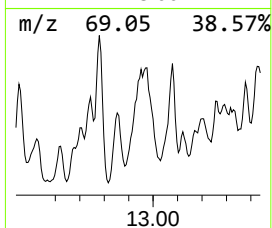
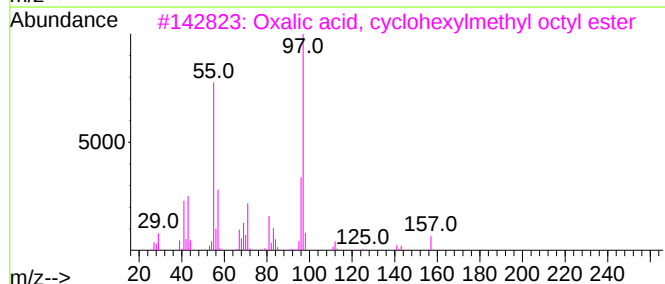
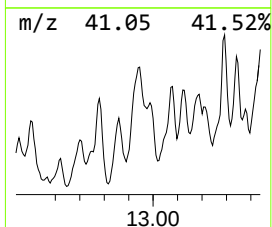
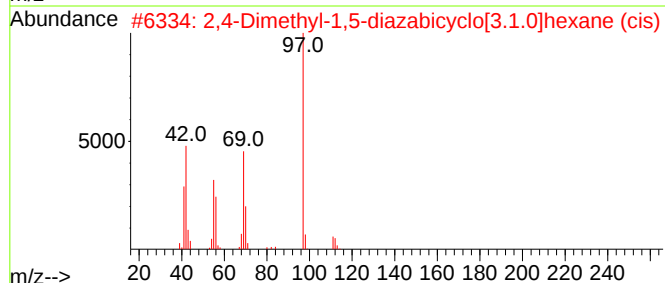
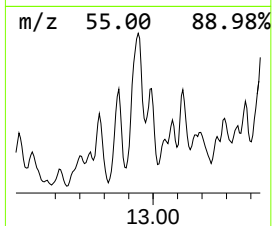
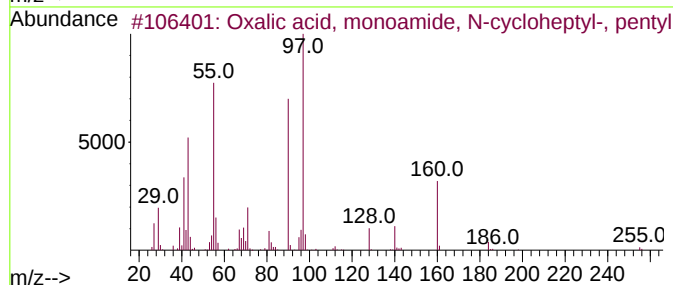
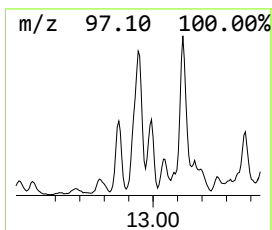
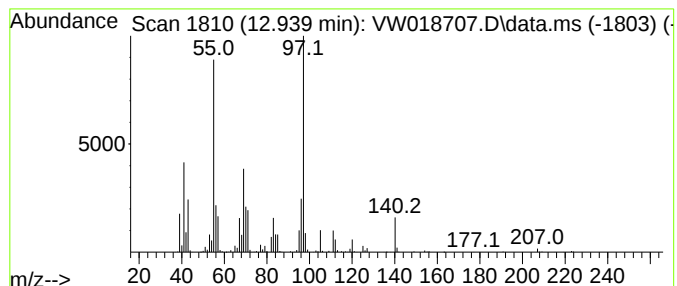
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Quant Title : SFAM01.0

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

Peak Number 18 Oxalic acid, monoamide, N-c... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.939	36.58 ug/L	1349830	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, monoamide, N-cyclohexylmethyl ester	255	C14H25NO3	1000309-48-3	64
2			2,4-Dimethyl-1,5-diazabicyclo[3.3.0]heptane	112	C6H12N2	100463-01-2	53
3			Oxalic acid, cyclohexylmethyl octyl ester	298	C17H30O4	1000309-68-4	50
4			Cyclohexane, 1-ethyl-4-methyl-, 1,4-dichloro-	126	C9H18	006236-88-0	49
5			Oxalic acid, cyclohexylmethyl propyl ester	228	C12H20O4	1000309-68-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

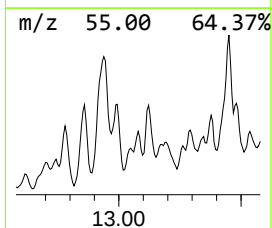
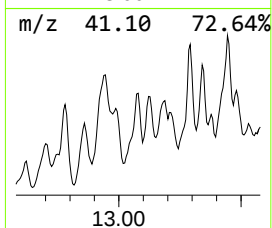
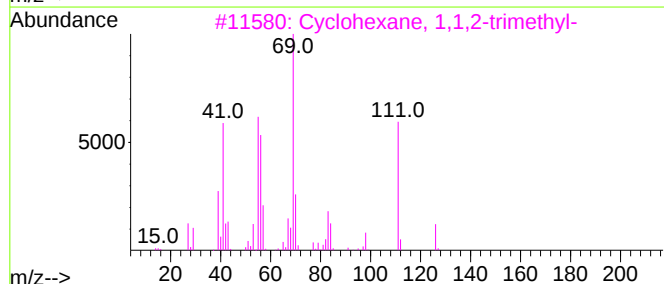
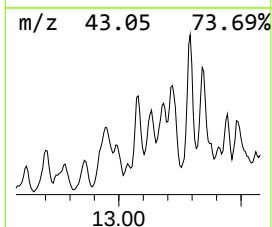
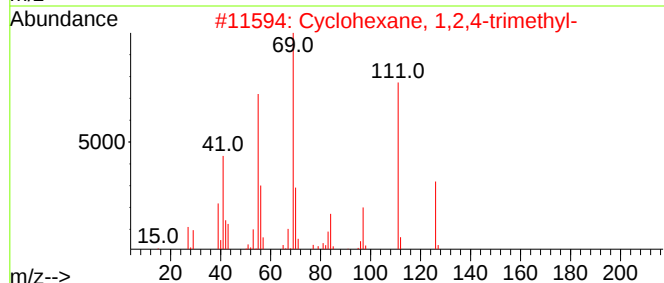
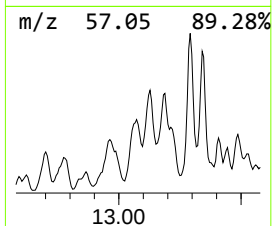
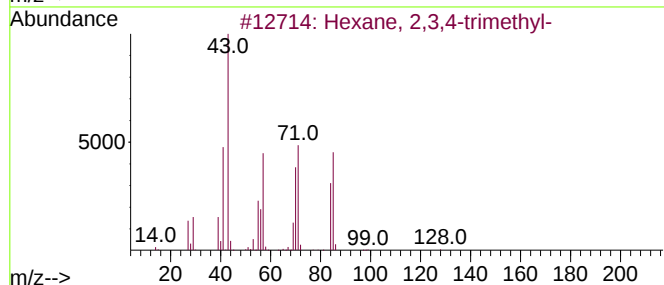
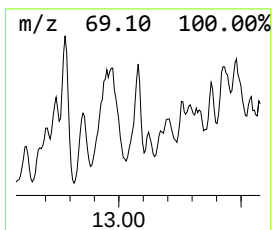
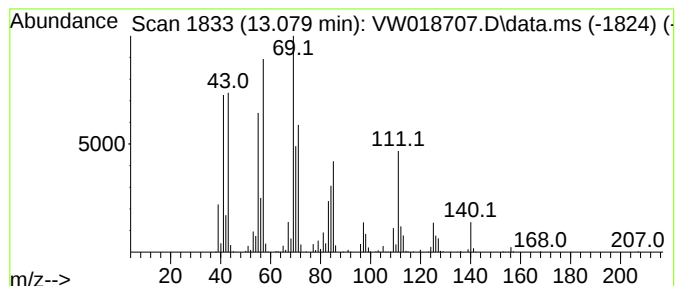
Instrument :
MSVOA_W
ClientSampleId :
BG564RE

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 13

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.079	20.73 ug/L	764916	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-		128	C9H20	000921-47-1	45
2	Cyclohexane, 1,2,4-trimethyl-		126	C9H18	002234-75-5	45
3	Cyclohexane, 1,1,2-trimethyl-		126	C9H18	007094-26-0	43
4	4-Nonene, 2-methyl-		140	C10H20	055724-84-0	43
5	1-Hexene, 3,3-dimethyl-		112	C8H16	003404-77-1	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

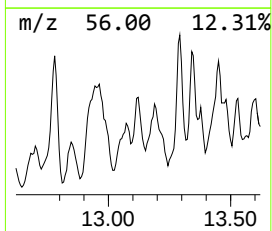
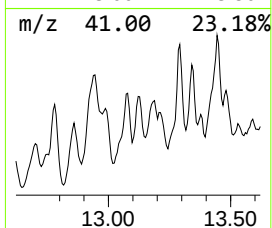
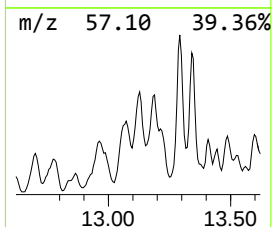
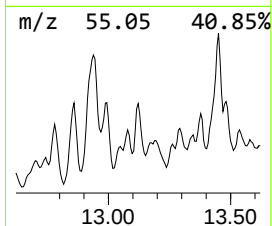
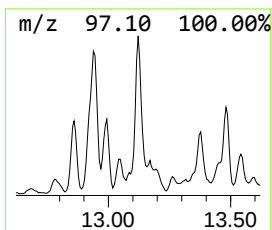
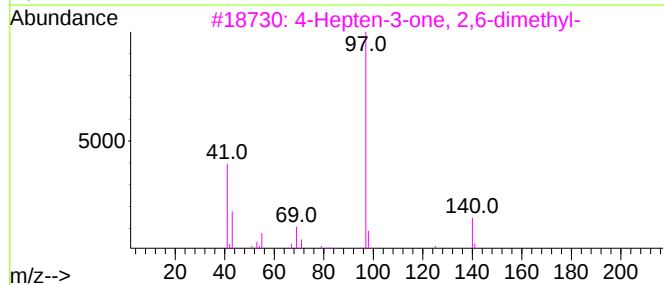
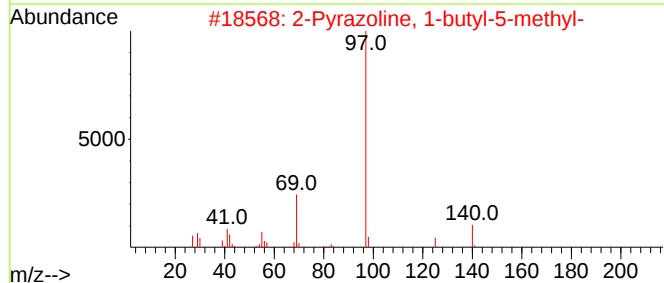
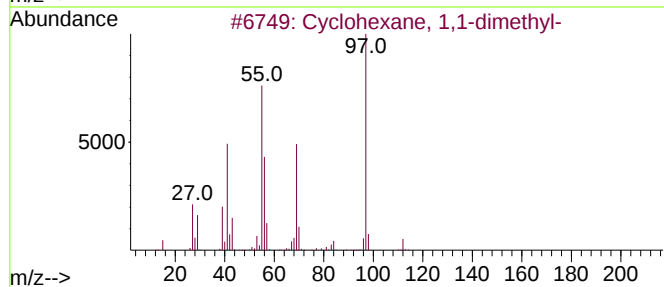
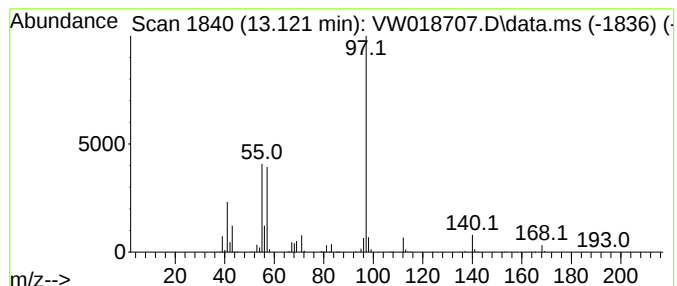
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Cyclic13.121 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.121	17.46 ug/L	644200	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	72
2			2-Pyrazoline, 1-butyl-5-methyl-	140	C8H16N2	022581-50-6	64
3			4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	53
4			4-Hepten-3-one, 5-methyl-	126	C8H14O	001447-26-3	53
5			2-Pyrazoline, 1-isobutyl-3-methyl-	140	C8H16N2	026964-53-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

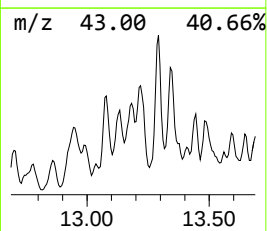
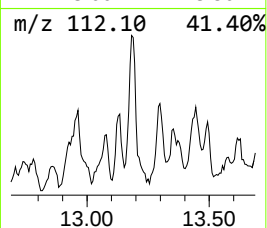
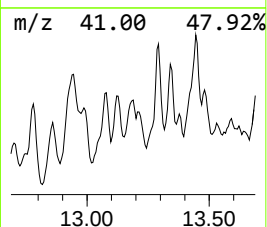
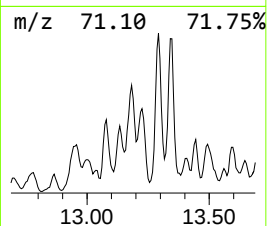
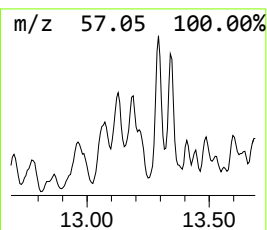
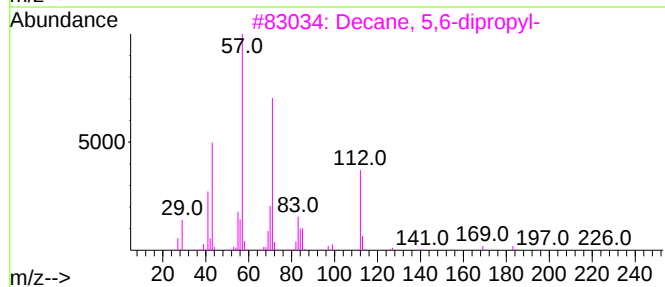
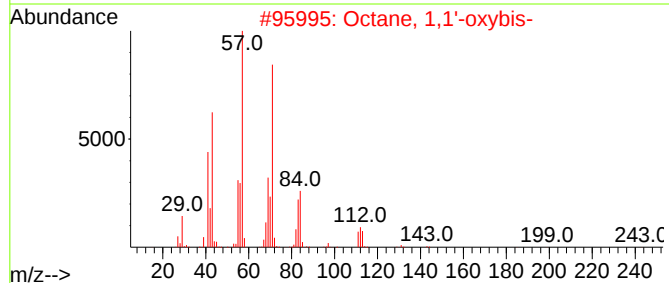
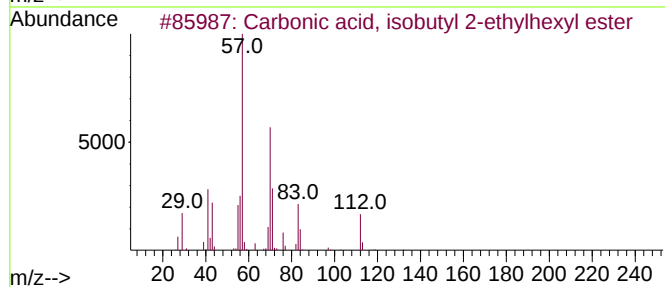
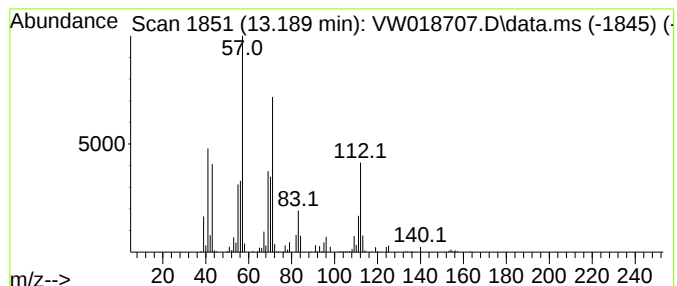
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MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 21 Carbonic acid, isobutyl 2-e... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.188	23.08 ug/L	851831	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Carbonic acid, isobutyl 2-ethylh...		230	C13H26O3	1000357-82-9	53
2	Octane, 1,1'-oxybis-		242	C16H34O	000629-82-3	53
3	Decane, 5,6-dipropyl-		226	C16H34	119209-20-0	50
4	Oxalic acid, 2-ethylhexyl octyl ...		314	C18H34O4	1000309-39-1	47
5	Oxalic acid, bis(2-ethylhexyl) e...		314	C18H34O4	1000309-39-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

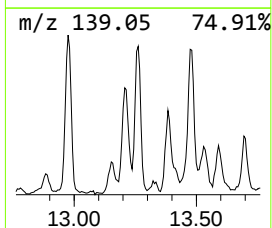
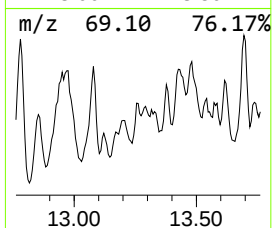
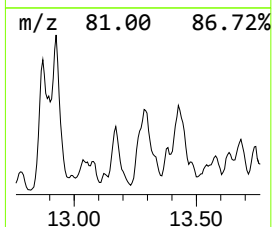
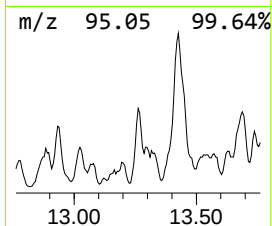
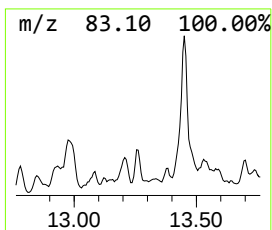
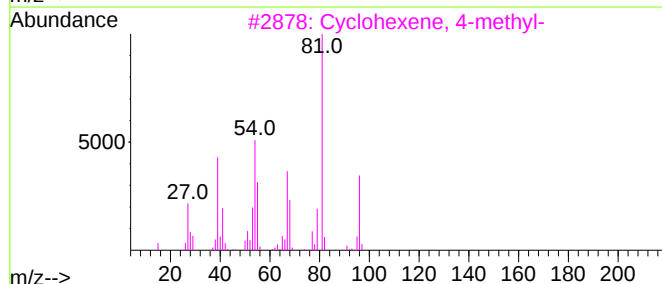
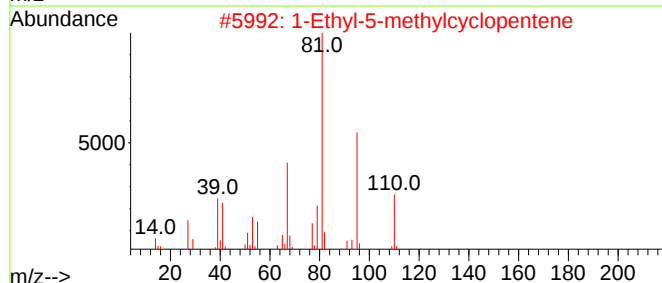
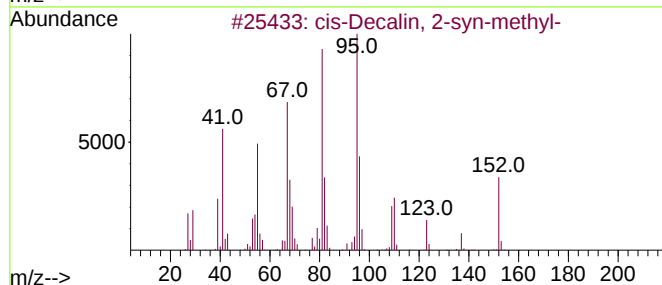
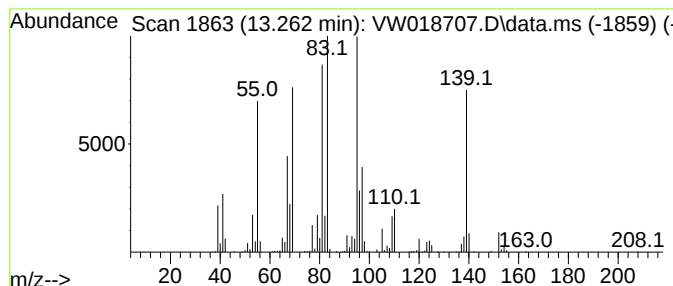
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Quant Title : SFAM01.0

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

Peak Number 22 unknown-03 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	6.67 ug/L	246109	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	41
2			1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	38
3			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	25
4			Spiro[3.5]nonan-1-one	138	C9H14O	029800-45-1	18
5			3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

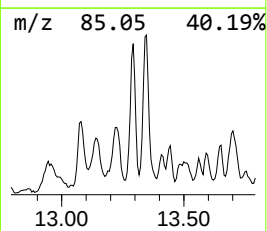
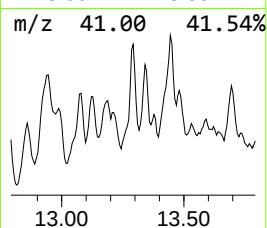
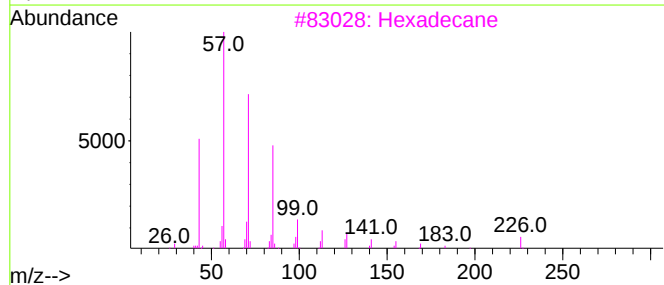
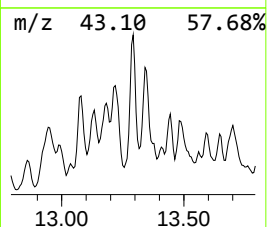
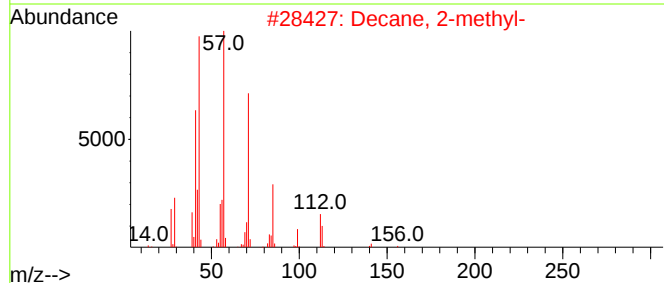
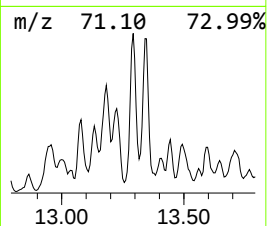
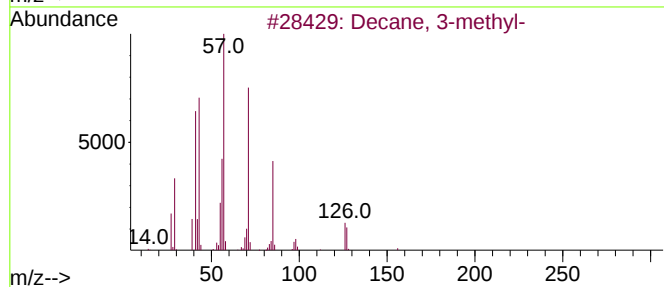
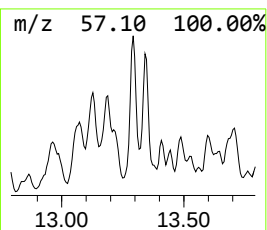
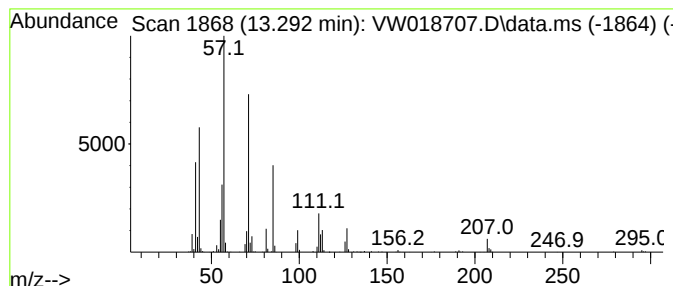
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	23.69 ug/L	874357	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3-methyl-	156	C11H24	013151-34-3	74
2		Decane, 2-methyl-	156	C11H24	006975-98-0	72
3		Hexadecane	226	C16H34	000544-76-3	64
4		Hexadecane	226	C16H34	000544-76-3	64
5		Octane, 2-methyl-	128	C9H20	003221-61-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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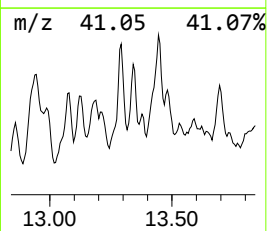
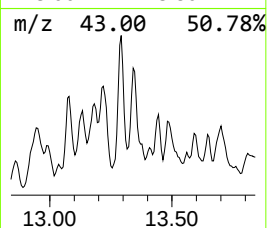
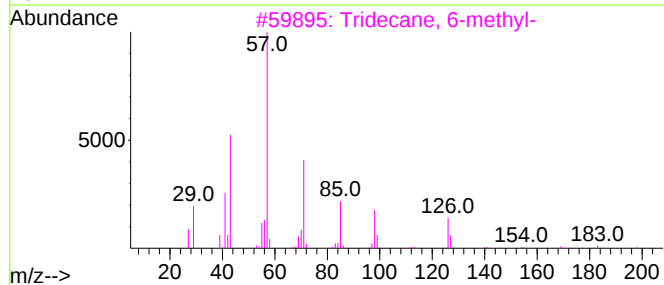
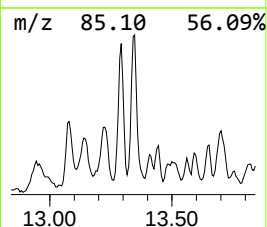
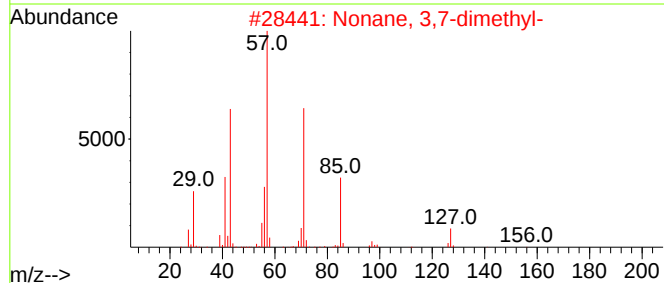
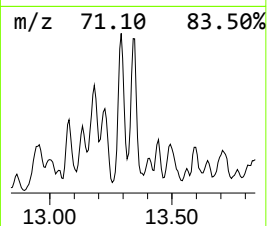
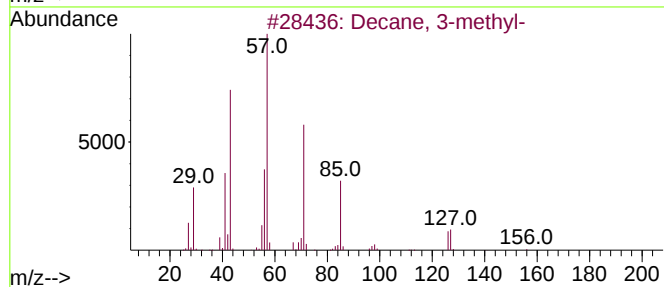
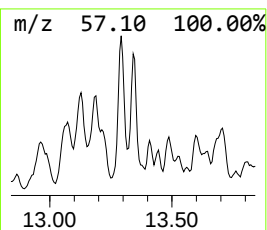
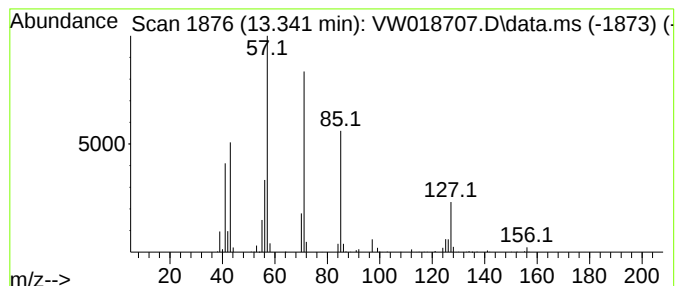
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.341	16.46 ug/L	607317	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	91
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
4			Decane, 3-methyl-	156	C11H24	013151-34-3	64
5			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

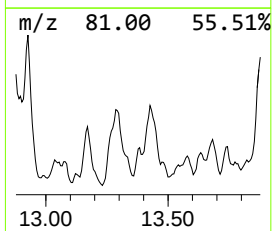
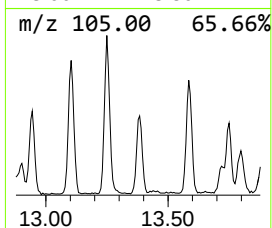
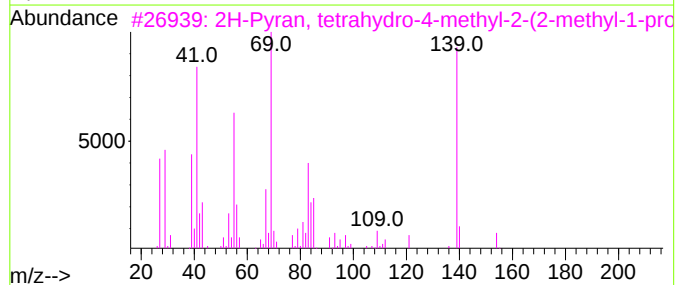
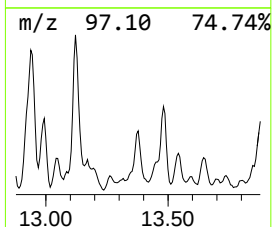
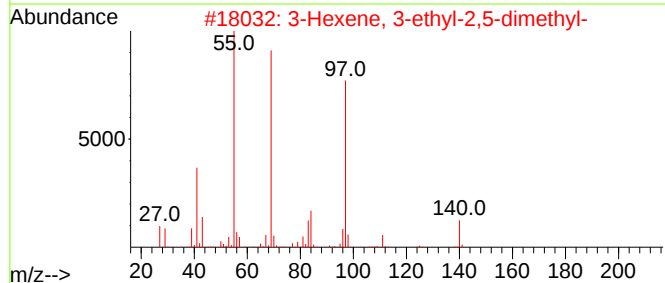
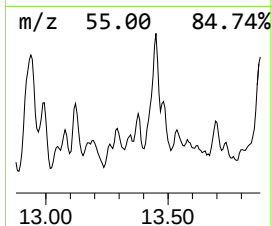
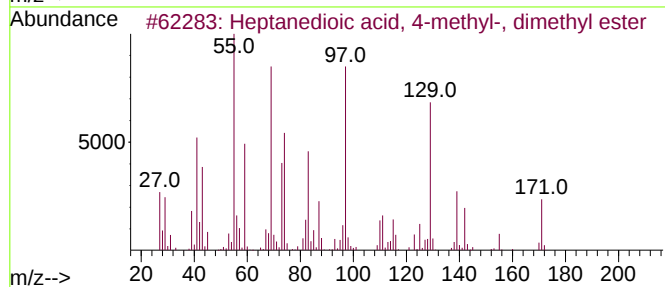
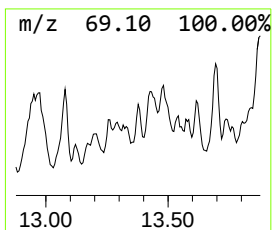
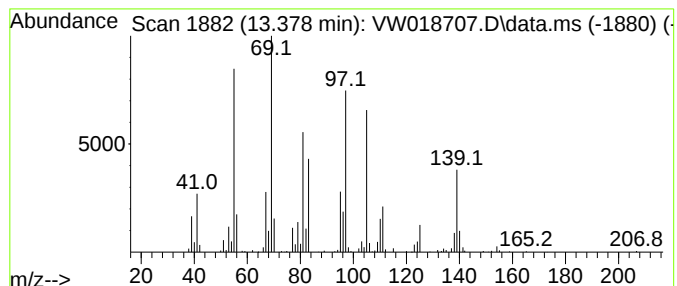
Instrument :
MSVOA_W
ClientSampleId :
BG564RE

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 Heptanedioic acid, 4-methyl... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.378	7.74 ug/L	285738	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptanedioic acid, 4-methyl-, di...		202	C10H18O4	004751-49-9	50
2	3-Hexene, 3-ethyl-2,5-dimethyl-		140	C10H20	062338-08-3	47
3	2H-Pyran, tetrahydro-4-methyl-2-...		154	C10H18O	016409-43-1	38
4	4-Methyl-dodec-3-en-1-ol		198	C13H26O	1000192-41-0	37
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...		152	C10H16O	015358-88-0	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

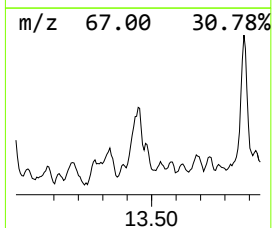
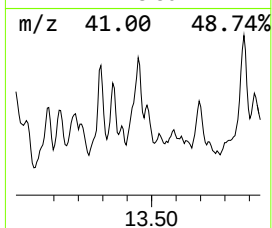
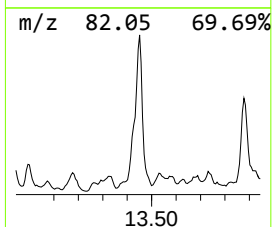
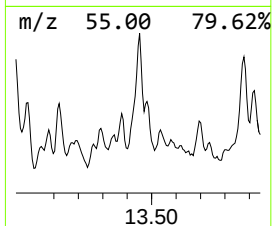
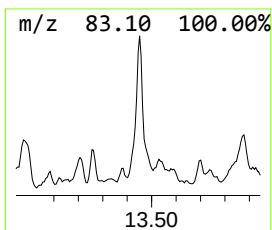
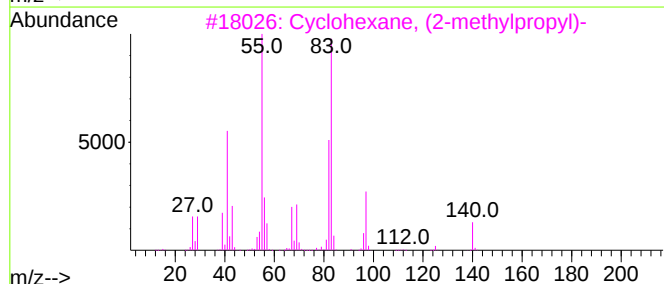
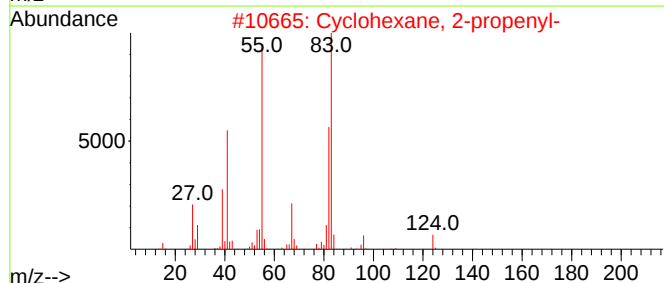
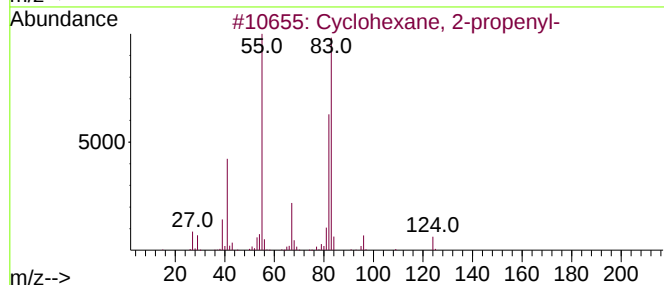
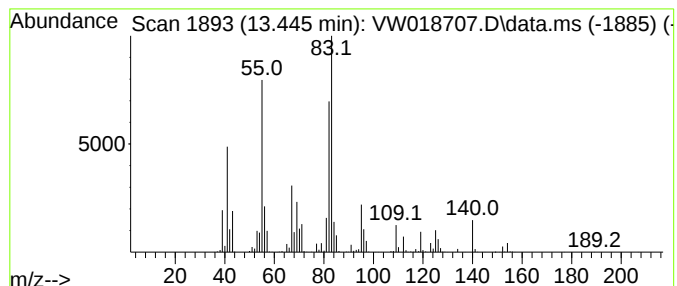
Instrument :
MSVOA_W
ClientSampleId :
BG564RE

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 Cyclohexane, 2-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.445	42.05 ug/L	1551980	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-propenyl-		124	C9H16	002114-42-3	62
2	Cyclohexane, 2-propenyl-		124	C9H16	002114-42-3	58
3	Cyclohexane, (2-methylpropyl)-		140	C10H20	001678-98-4	58
4	Cyclohexane, butyl-		140	C10H20	001678-93-9	58
5	Cyclohexane, (2-methylpropyl)-		140	C10H20	001678-98-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

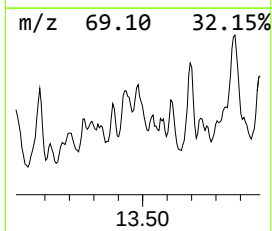
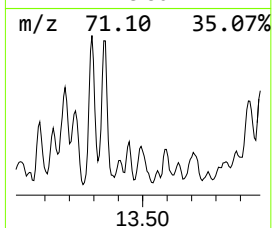
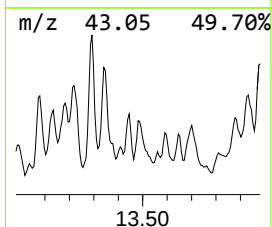
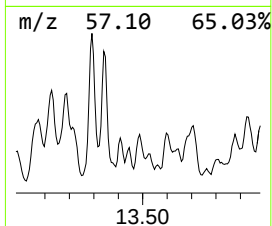
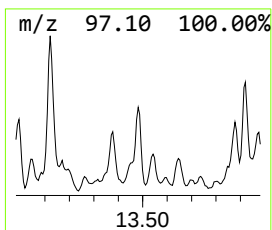
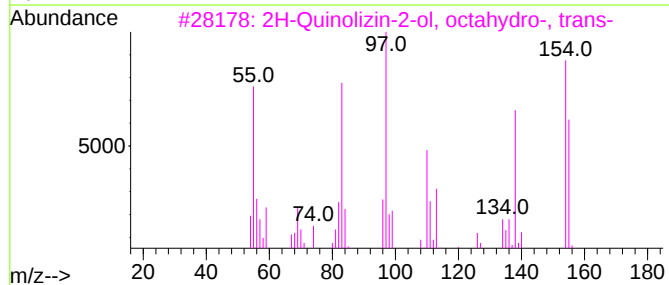
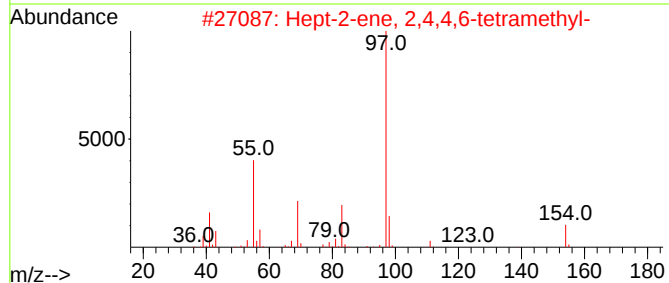
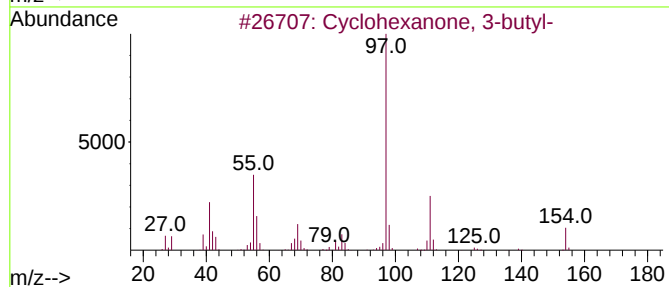
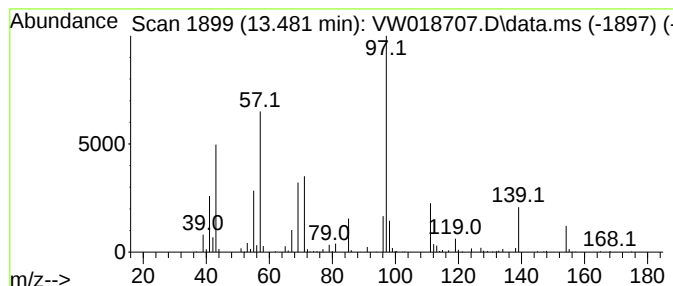
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Quant Title : SFAM01.0

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

Peak Number 27 Cyclohexanone, 3-butyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	11.56 ug/L	426713	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	50
2			Hept-2-ene, 2,4,4,6-tetramethyl-	154	C11H22	103982-58-7	43
3			2H-Quinolizin-2-ol, octahydro-, ...	155	C9H17NO	031172-60-8	38
4			Thiophene, 2-pentyl-	154	C9H14S	004861-58-9	38
5			Thiophene, 2-pentyl-	154	C9H14S	004861-58-9	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

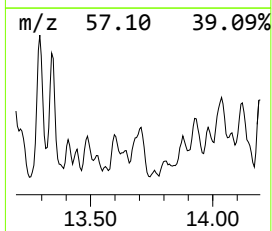
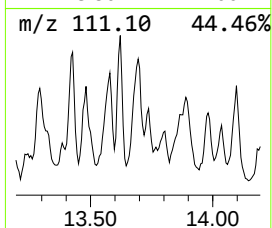
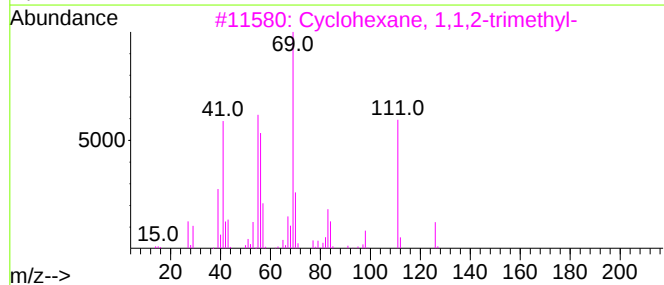
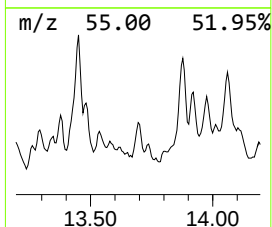
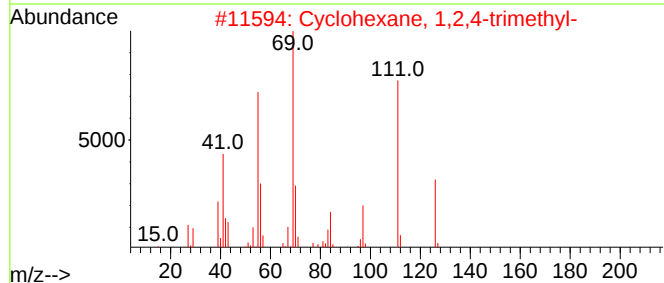
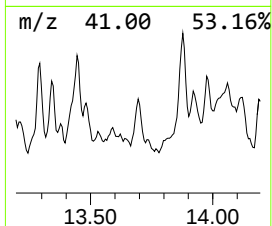
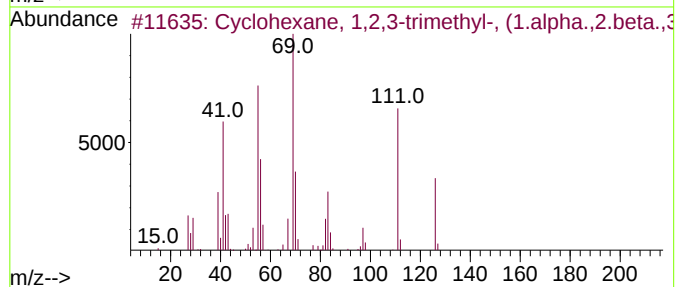
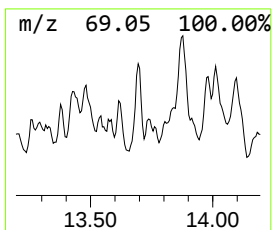
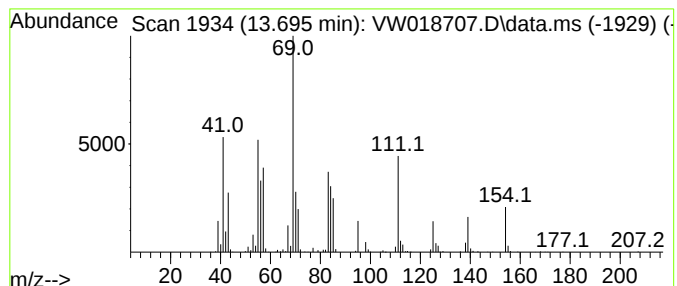
Instrument :
MSVOA_W
ClientSampleId :
BG564RE

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 28 (DEL) Alkane: Cyclic13.695 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.695	12.25 ug/L	452229	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	46
2	Cyclohexane, 1,2,4-trimethyl-		126	C9H18	002234-75-5	43
3	Cyclohexane, 1,1,2-trimethyl-		126	C9H18	007094-26-0	43
4	Cyclohexane, 1,2,4-trimethyl-		126	C9H18	002234-75-5	43
5	2,3,4-Trimethyl-hex-3-enal		140	C9H16O	1000193-72-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

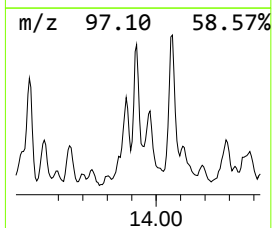
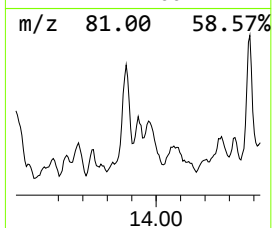
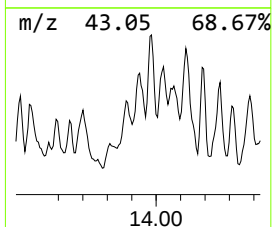
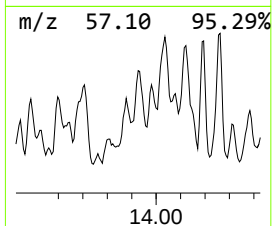
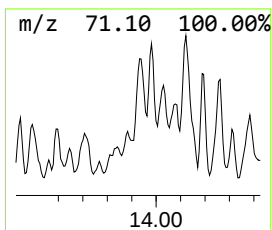
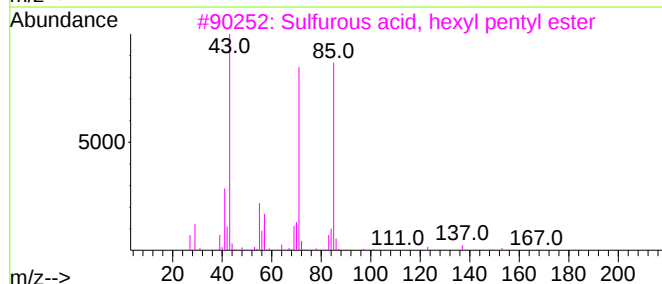
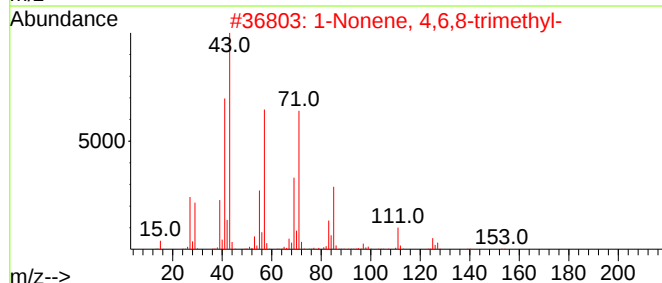
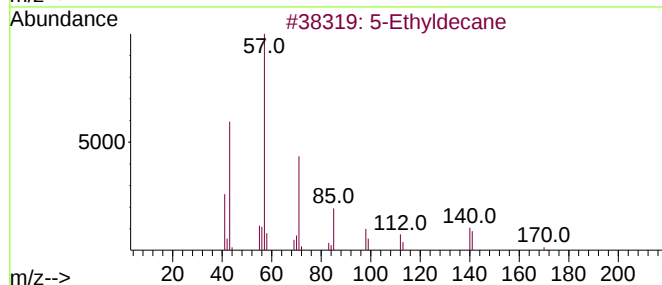
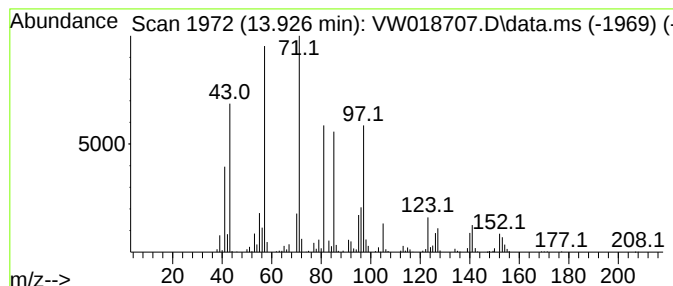
Instrument :
MSVOA_W
ClientSampleId :
BG564RE

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 29 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.926	7.51 ug/L	277033	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	5-Ethyldecane		170	C12H26	017302-36-2	47
2	1-Nonene, 4,6,8-trimethyl-		168	C12H24	054410-98-9	43
3	Sulfurous acid, hexyl pentyl ester		236	C11H24O3S	1000309-14-1	38
4	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	38
5	Octane, 6-ethyl-2-methyl-		156	C11H24	062016-19-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

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

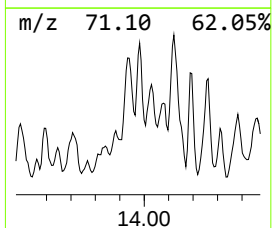
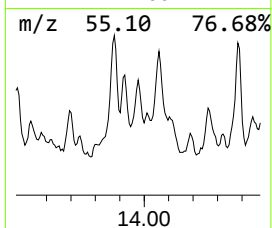
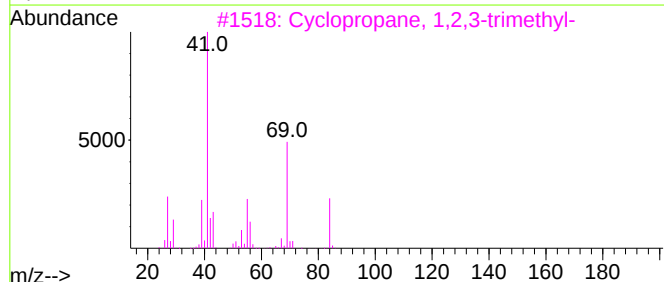
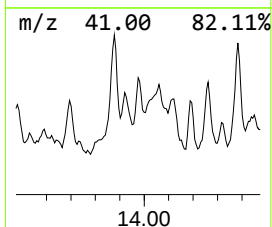
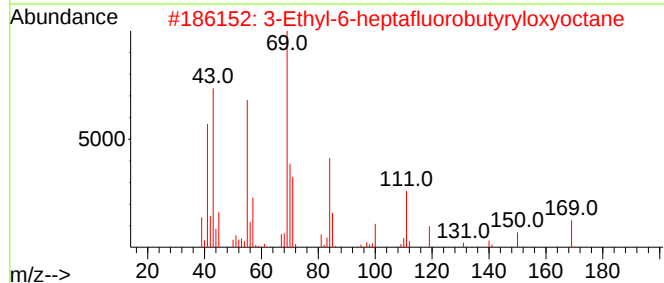
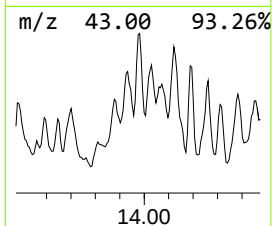
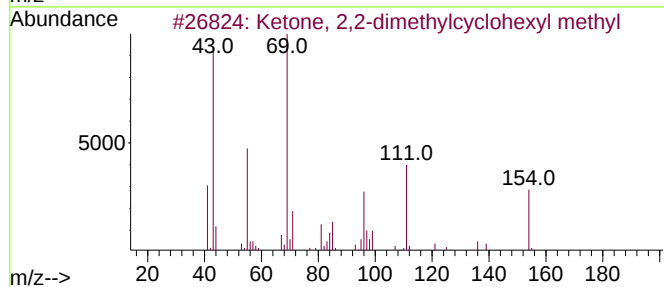
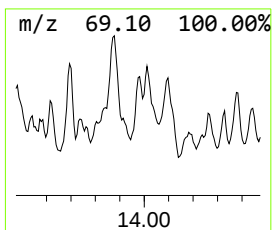
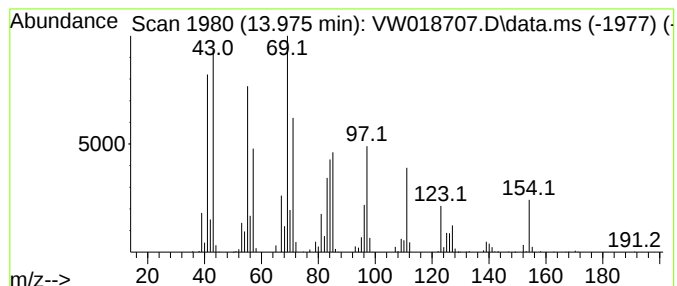
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 unknown-04

Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.975	9.54 ug/L	352099	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	46
2			3-Ethyl-6-heptafluorobutyryloxyo...	354	C14H21F7O2	1000215-97-4	43
3			Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	25
4			2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	25
5			4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

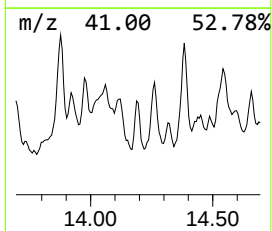
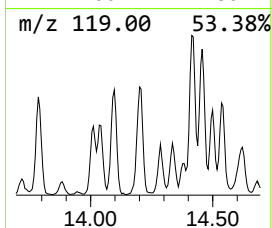
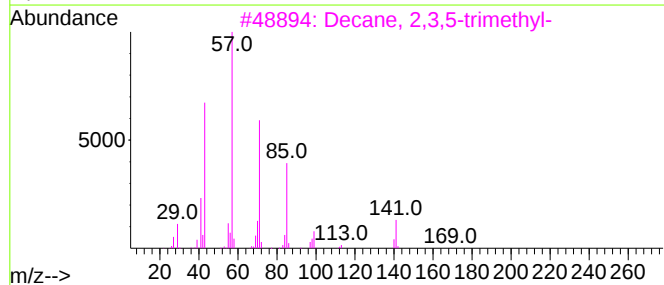
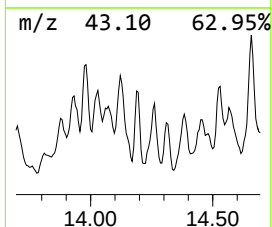
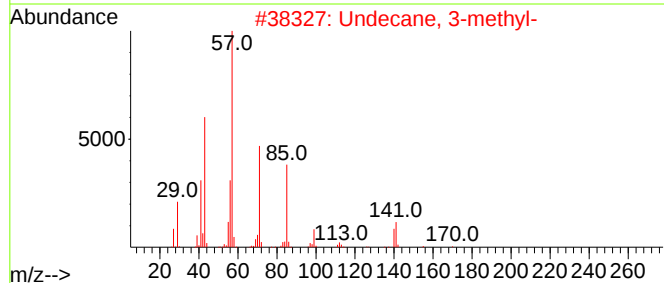
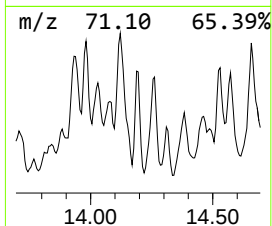
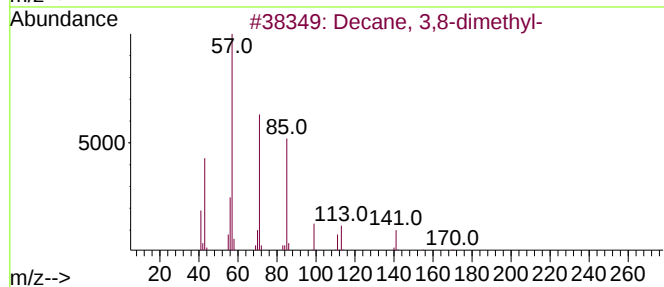
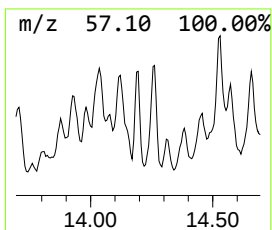
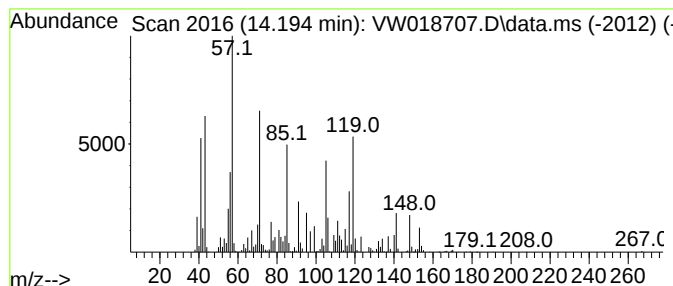
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	17.67 ug/L	652207	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	49
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	43
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43
4			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	41
5			Tridecane	184	C13H28	000629-50-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

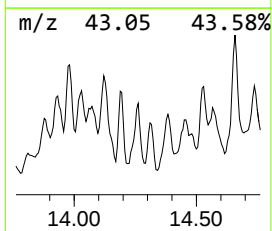
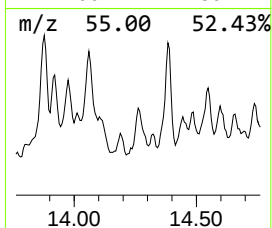
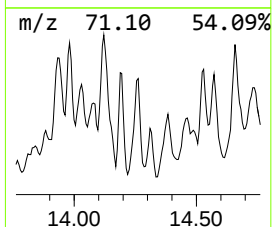
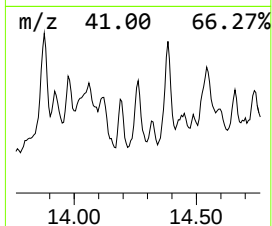
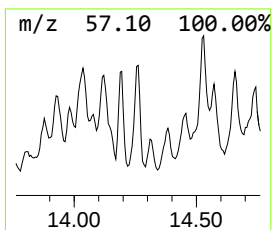
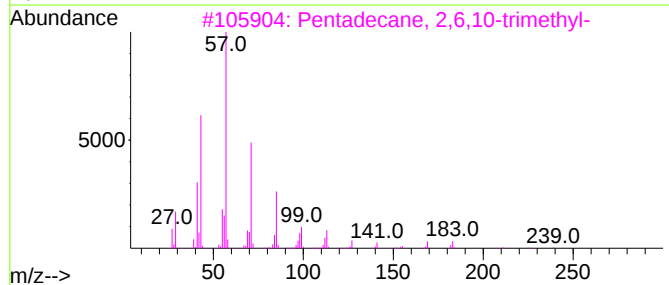
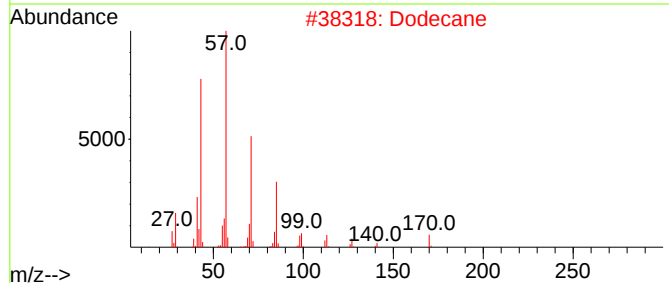
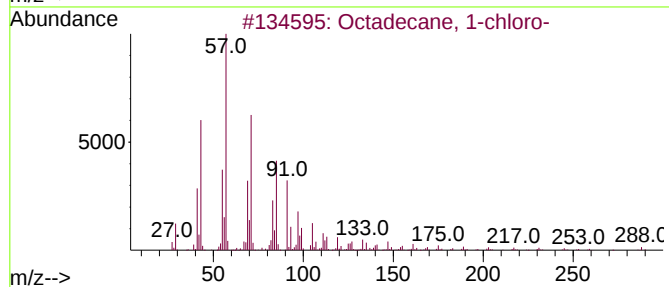
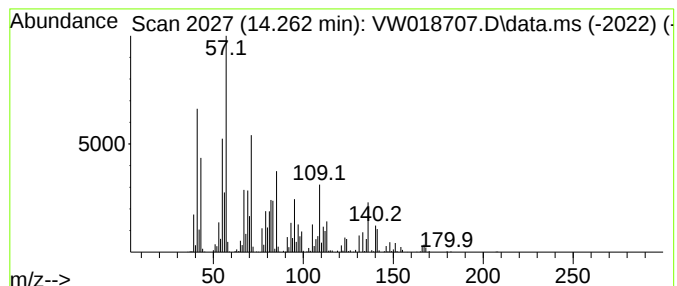
Instrument :
MSVOA_W
ClientSampleId :
BG564RE

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

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

Peak Number 32 unknown-05 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.262	19.64 ug/L	724664	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	38
2	Dodecane	170	C12H26	000112-40-3	35
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	35
4	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	30
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

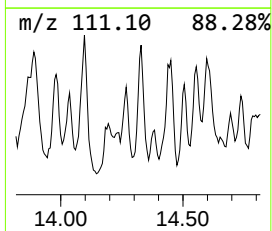
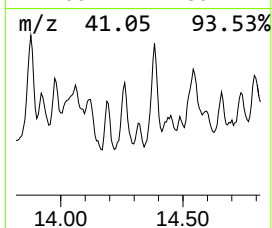
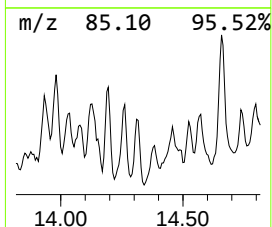
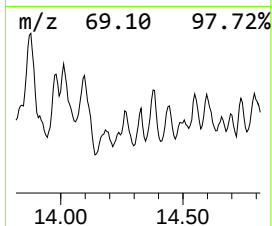
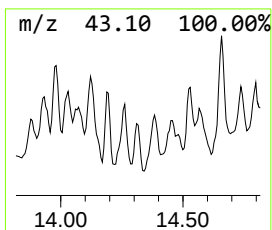
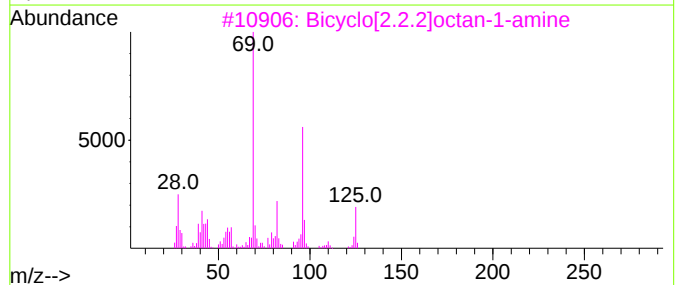
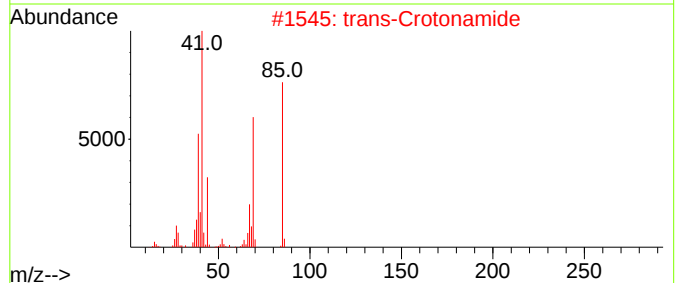
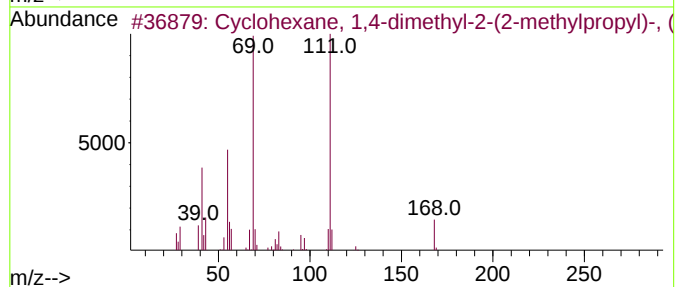
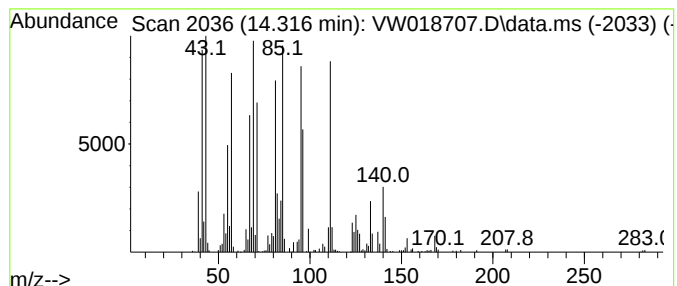
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Cyclic14.316 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.316	6.33 ug/L	233553	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	18
2			trans-Crotonamide	85	C4H7NO	000625-37-6	18
3			Bicyclo[2.2.2]octan-1-amine	125	C8H15N	001193-42-6	15
4			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	14
5			3-Pyridinol-1-oxide	111	C5H5NO2	006602-28-4	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

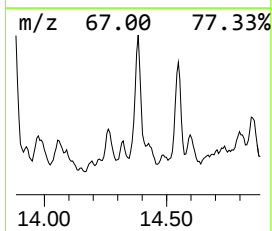
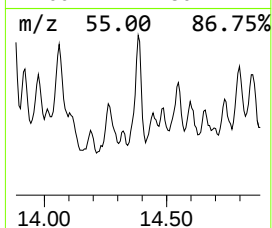
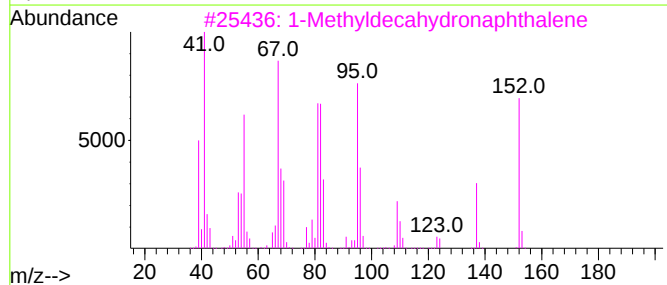
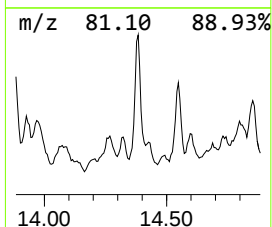
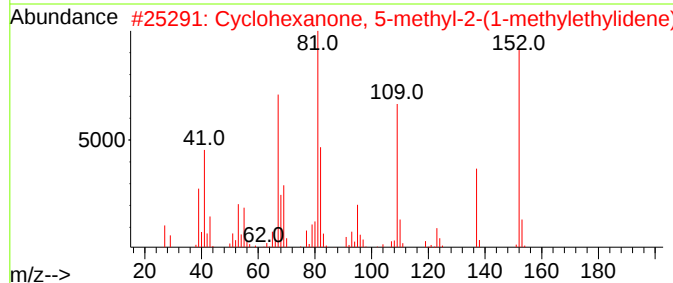
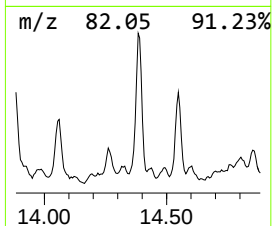
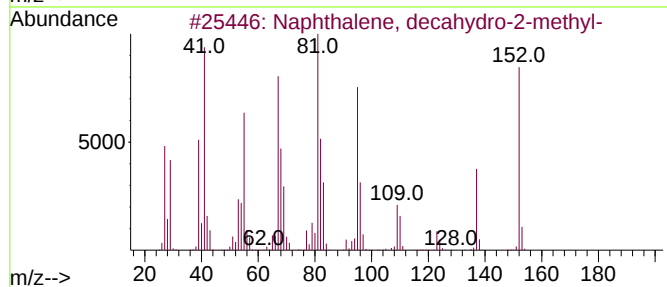
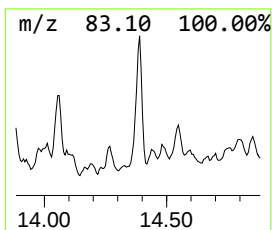
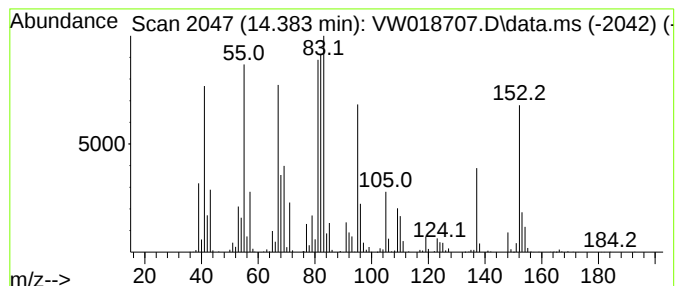
Instrument :
MSVOA_W
ClientSampleId :
BG564RE

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 34 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.383	32.18 ug/L	1187610	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	96
2	Cyclohexanone, 5-methyl-2-(1-met...		152	C10H16O	015932-80-6	46
3	1-Methyldecahydronaphthalene		152	C11H20	002958-75-0	45
4	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	45
5	Cycloundecene (Z)		152	C11H20	013151-61-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

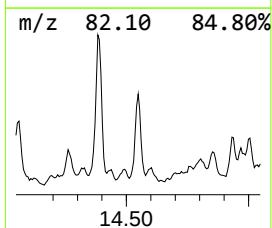
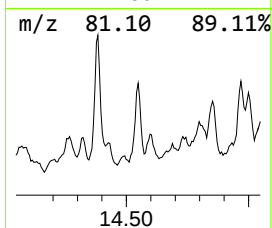
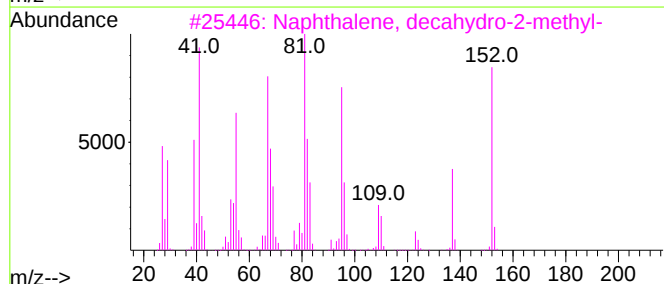
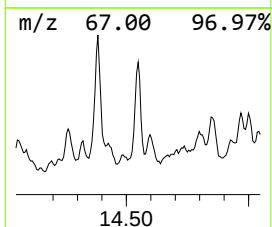
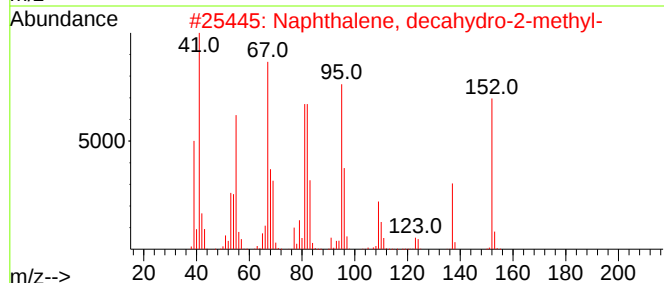
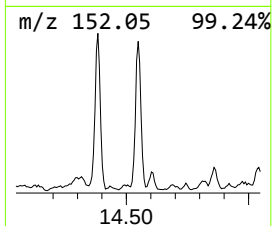
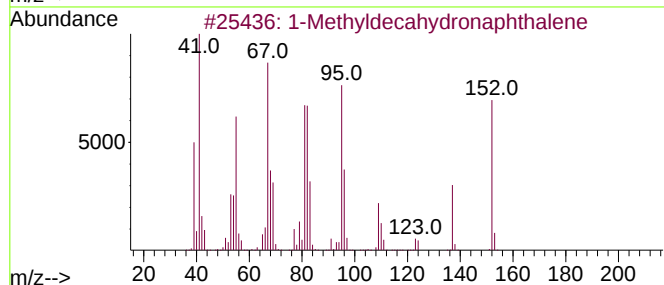
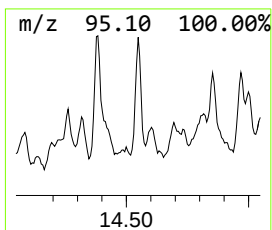
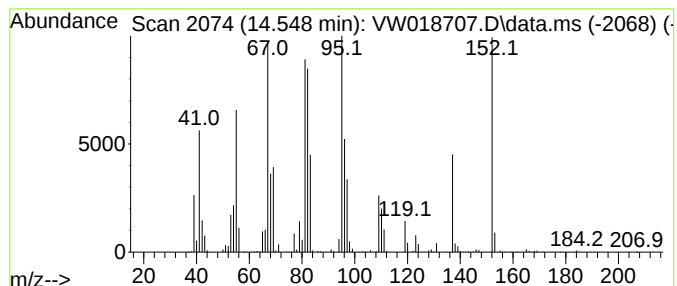
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Quant Title : SFAM01.0

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

Peak Number 35 1-Methyldecahydronaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.548	21.77 ug/L	803458	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			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

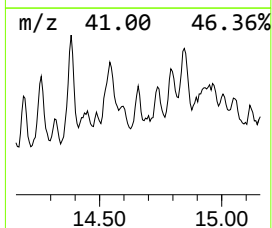
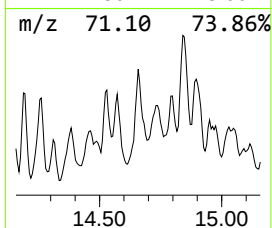
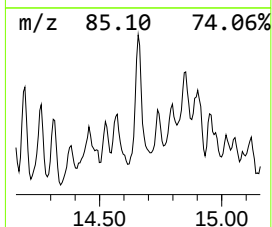
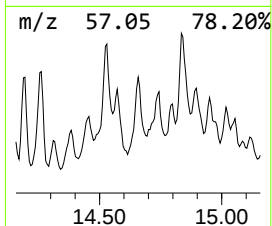
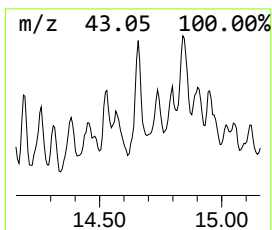
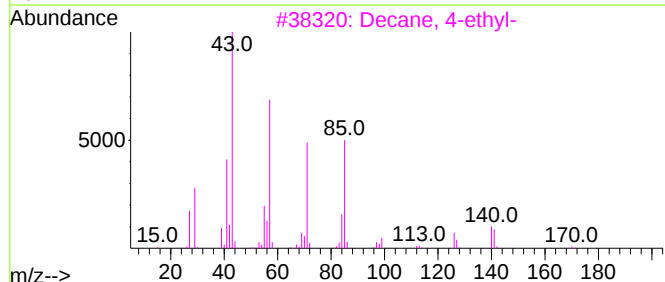
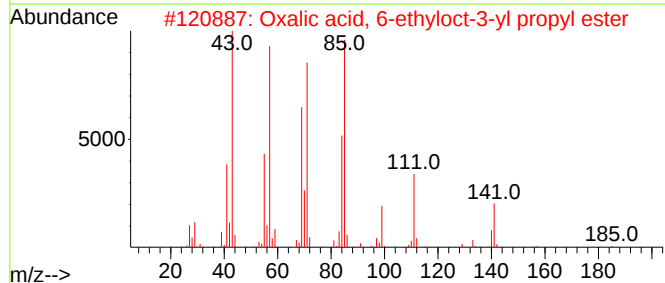
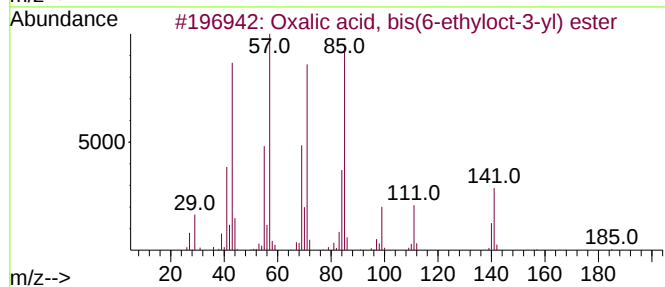
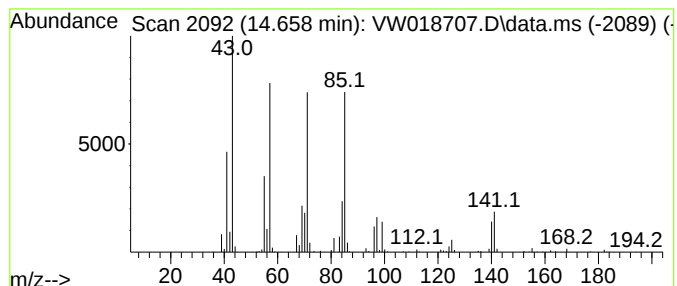
Instrument :
MSVOA_W
ClientSampleId :
BG564RE

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 34

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.658	5.49 ug/L	202578	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	87
2	Oxalic acid, 6-ethyloct-3-yl pro...		272	C15H28O4	1000309-34-0	72
3	Decane, 4-ethyl-		170	C12H26	001636-44-8	53
4	Sulfurous acid, hexyl pentyl ester		236	C11H24O3S	1000309-14-1	50
5	Sulfurous acid, isohexyl pentyl ...		236	C11H24O3S	1000309-14-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

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

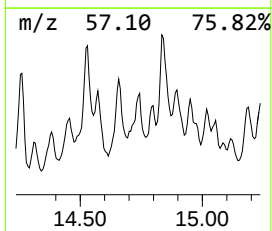
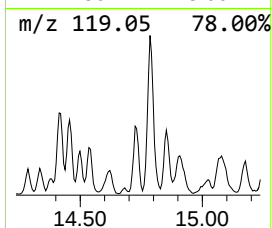
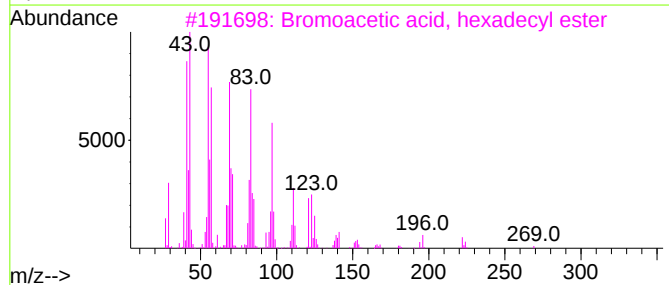
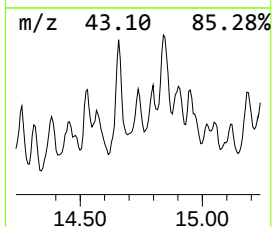
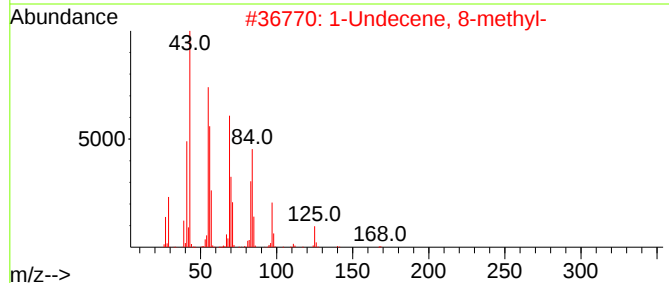
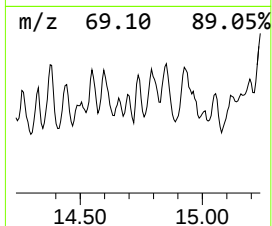
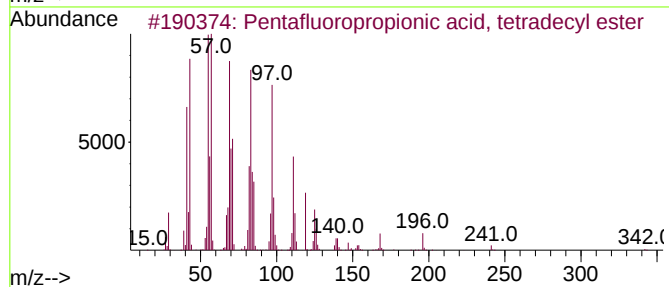
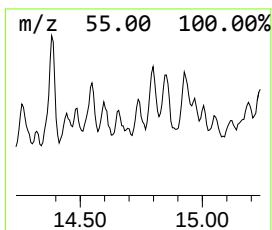
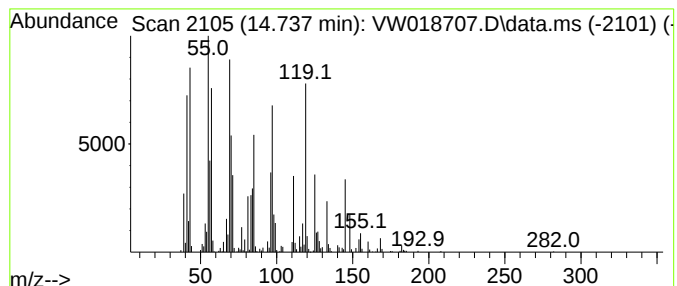
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 unknown-06

Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.737	9.13 ug/L	336806	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	49
2			1-Undecene, 8-methyl-	168	C12H24	074630-40-3	46
3			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	46
4			n-Heptadecanol-1	256	C17H36O	001454-85-9	43
5			Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

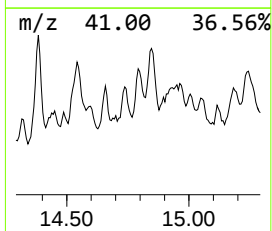
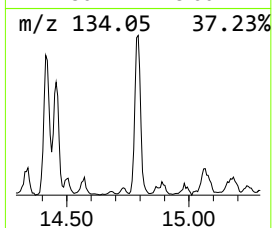
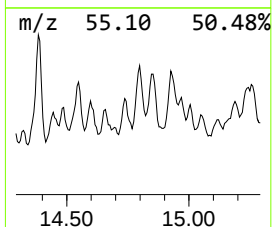
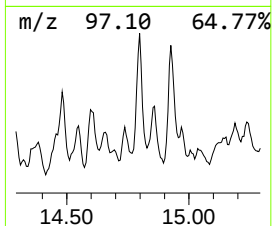
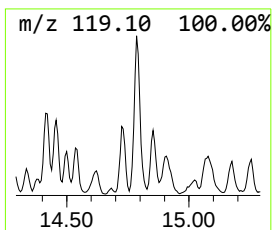
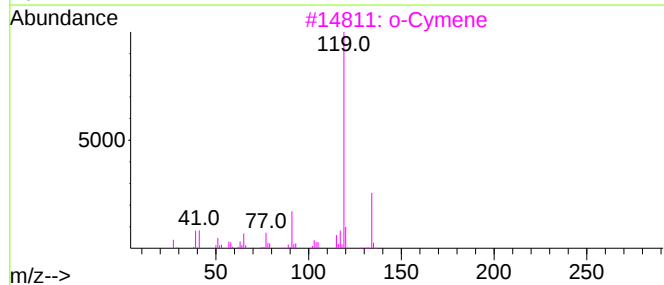
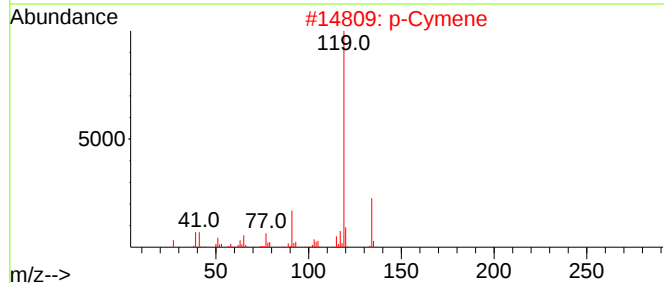
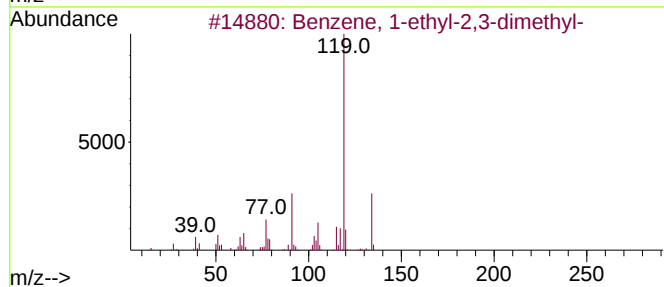
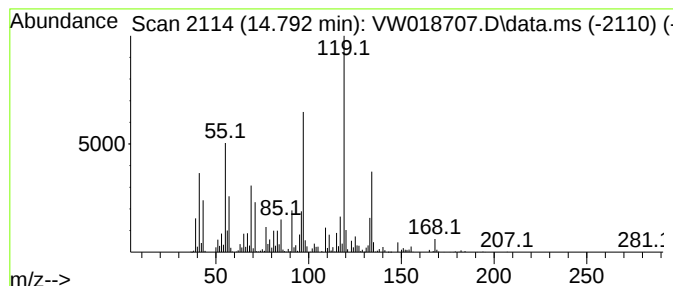
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Quant Title : SFAM01.0

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

Peak Number 38 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	25.00 ug/L	922620	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
2		p-Cymene	134	C10H14	000099-87-6	86
3		o-Cymene	134	C10H14	000527-84-4	70
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

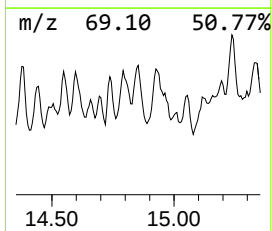
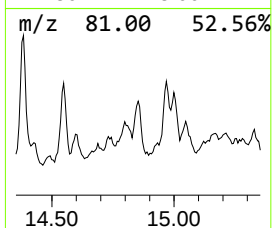
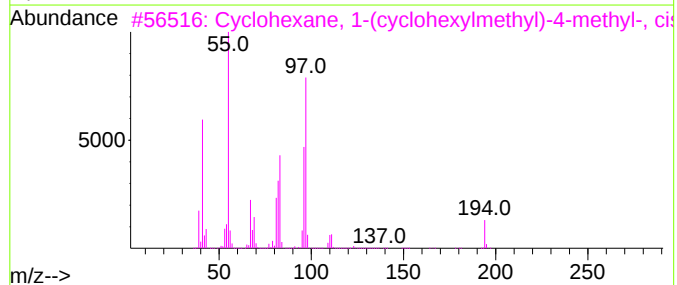
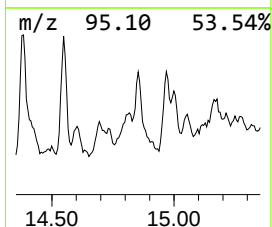
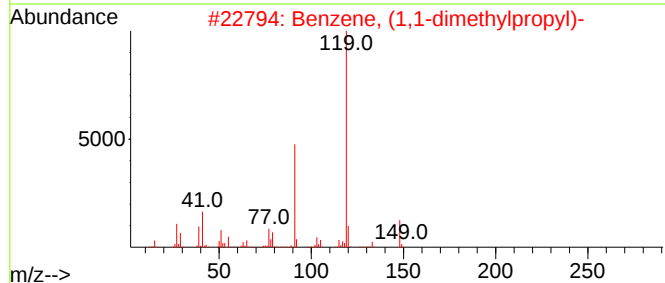
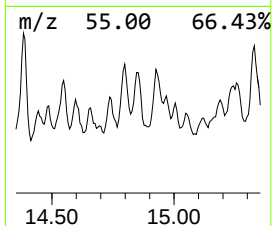
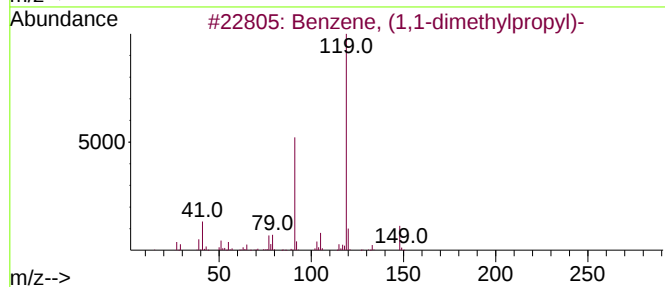
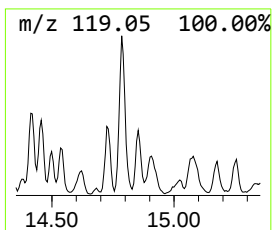
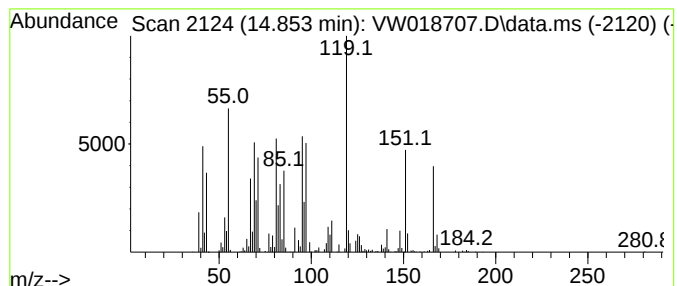
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Quant Title : SFAM01.0

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

Peak Number 39 unknown-07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.853	19.77 ug/L	729667	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	11
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	11
3			Cyclohexane, 1-(cyclohexylmethyl)-	194	C14H26	054823-97-1	10
4			2-Methylbenzoic acid, 3-chlorophenyl-	246	C14H11ClO2	1000325-60-8	10
5			2,4-Diphenyl-4-methyl-1-pentene	236	C18H20	1000111-58-0	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

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

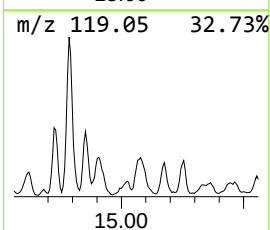
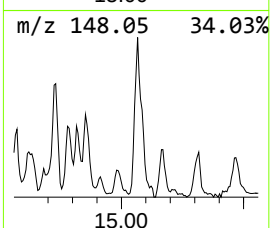
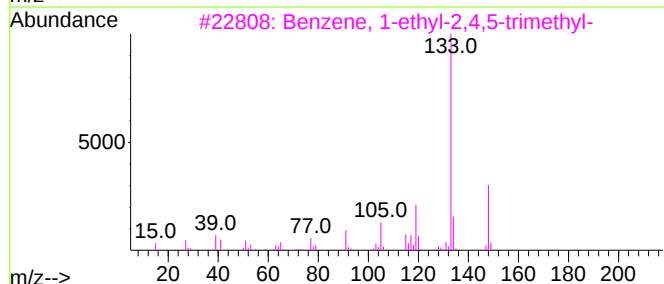
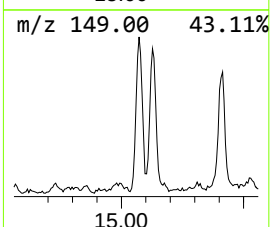
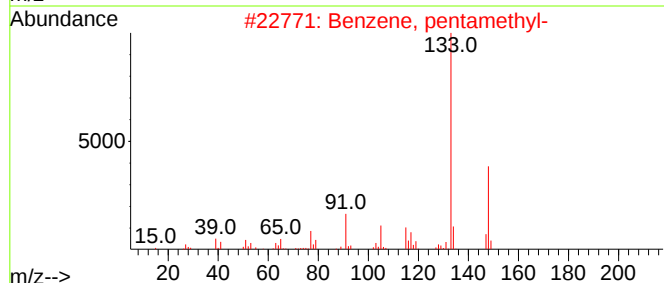
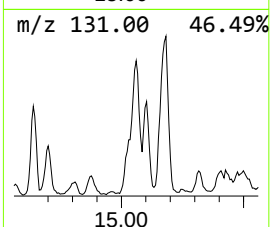
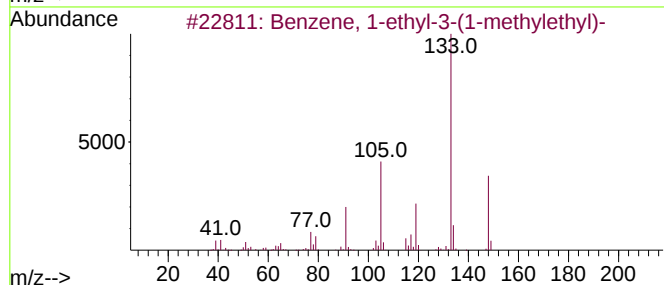
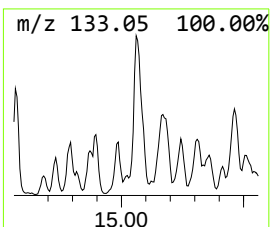
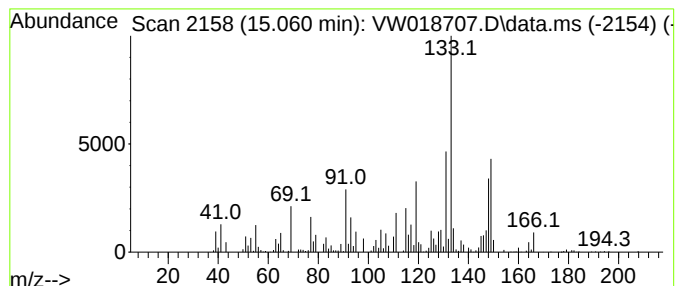
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 unknown-08

Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	10.01 ug/L	369514	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	46
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	45
3			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	43
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	43
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

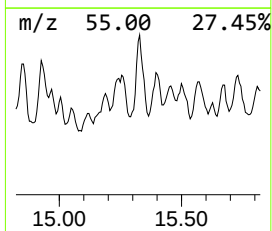
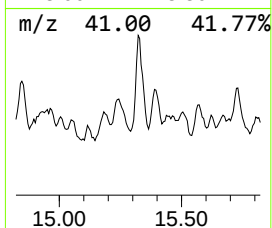
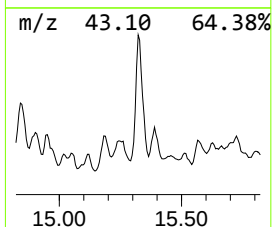
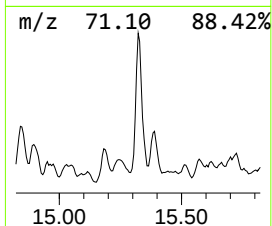
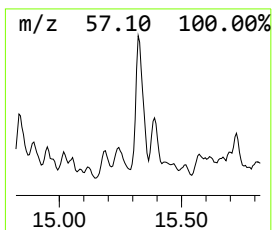
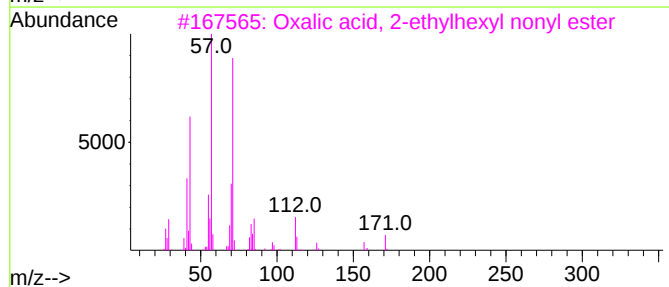
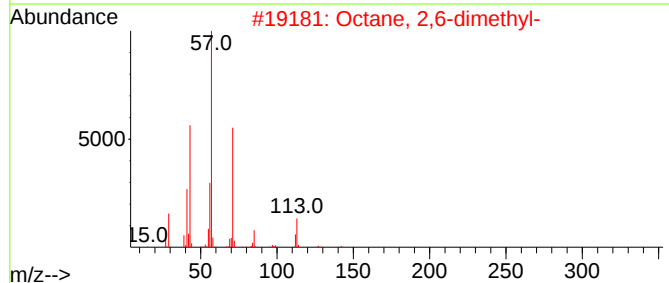
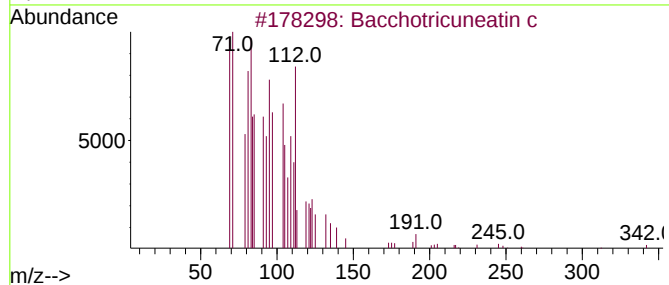
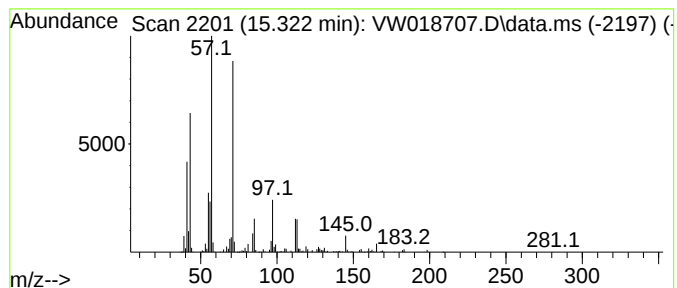
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Quant Title : SFAM01.0

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

Peak Number 41 Bacchotricuneatin c Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	34.92 ug/L	1288840	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	83
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3			Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	59
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	53
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

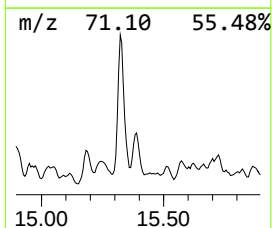
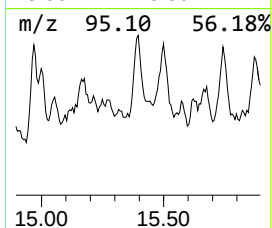
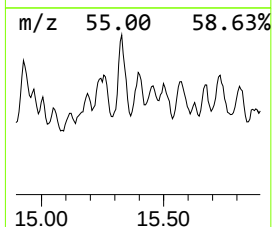
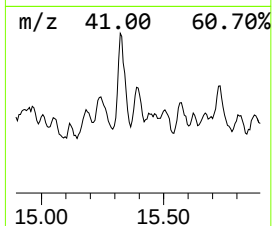
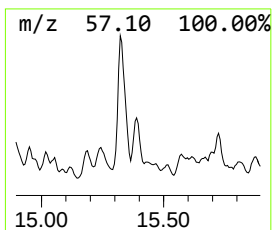
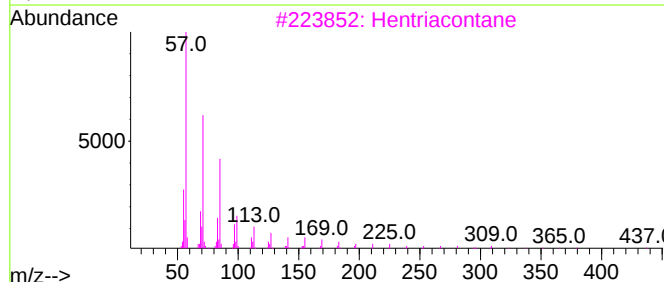
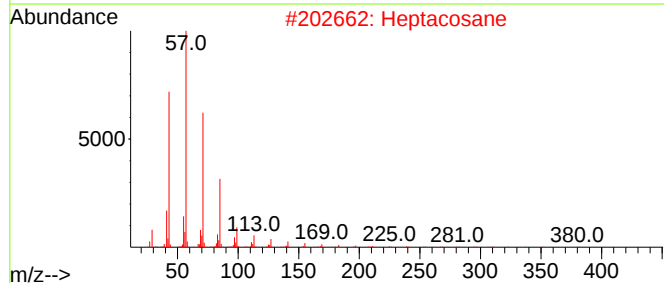
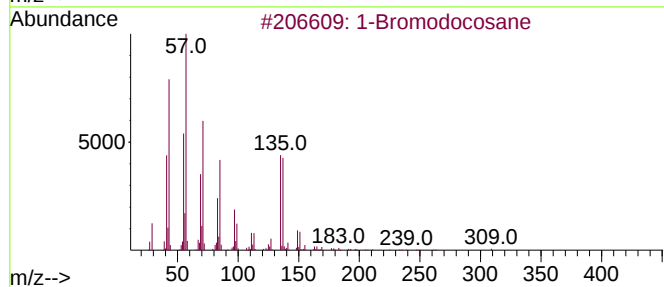
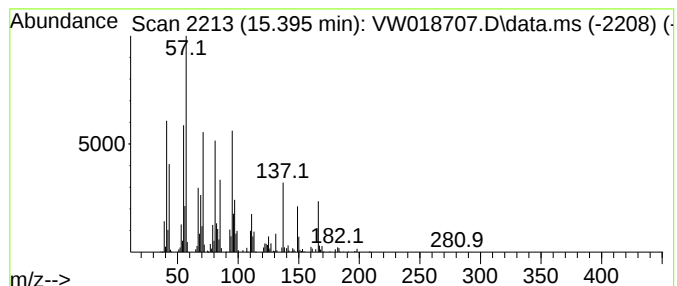
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Quant Title : SFAM01.0

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

Peak Number 42 unknown-09 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.395	17.27 ug/L	637334	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Bromodocosane	388	C22H45Br	006938-66-5	43
2		Heptacosane	380	C27H56	000593-49-7	25
3		Hentriacontane	437	C31H64	000630-04-6	25
4		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	25
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

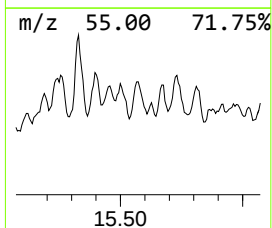
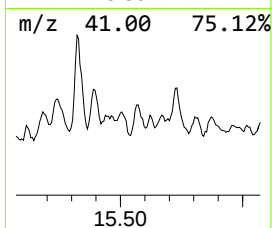
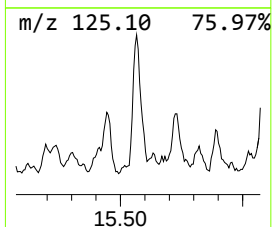
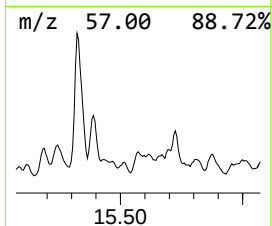
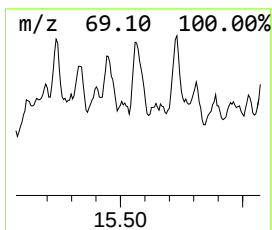
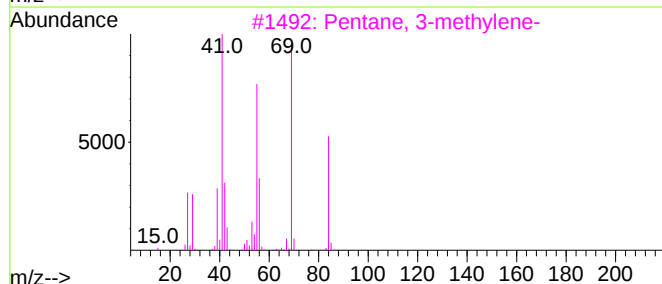
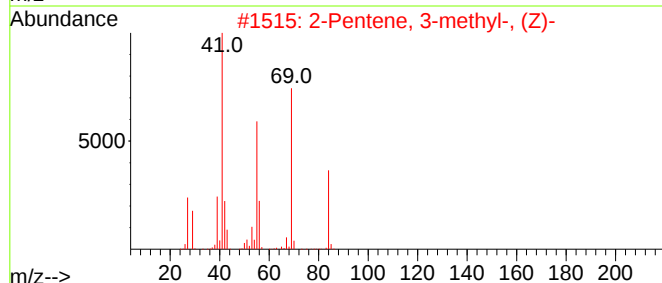
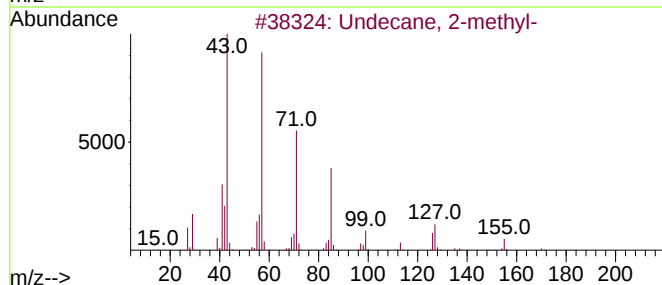
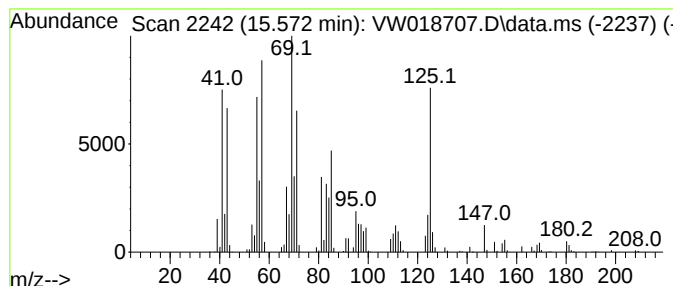
Instrument :
MSVOA_W
ClientSampleId :
BG564RE

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.572	13.02 ug/L	480426	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-		170	C12H26	007045-71-8	20
2	2-Pentene, 3-methyl-, (Z)-		84	C6H12	000922-62-3	20
3	Pentane, 3-methylene-		84	C6H12	000760-21-4	20
4	3,4-Dimethyl cyclohexanone		126	C8H14O	005465-09-8	18
5	Nonane, 4,5-dimethyl-		156	C11H24	017302-23-7	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018707.D
Acq On : 21 Apr 2021 13:10
Operator : SY/VA
Sample : M2065-11RE
Misc : 3.89G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG564RE

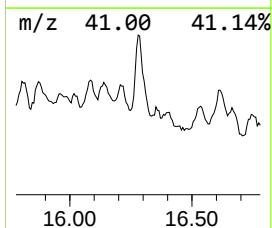
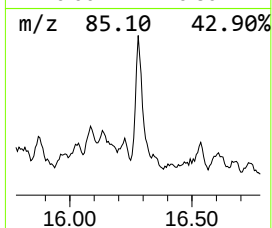
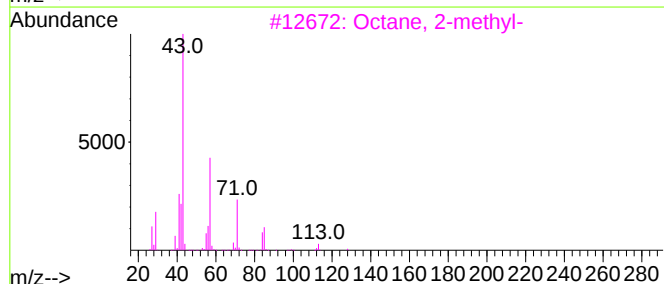
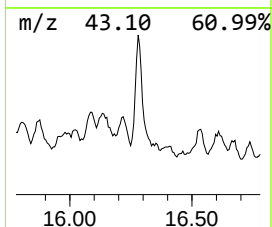
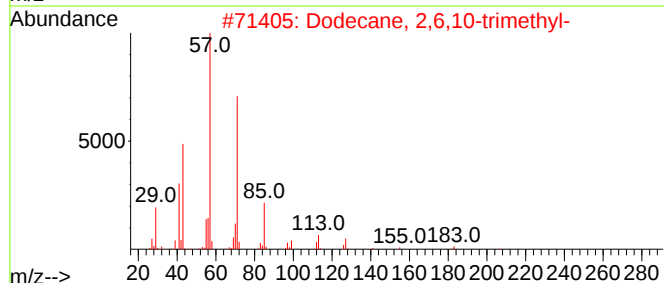
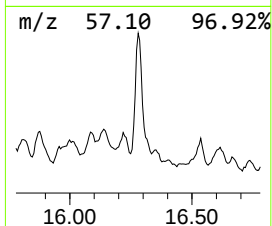
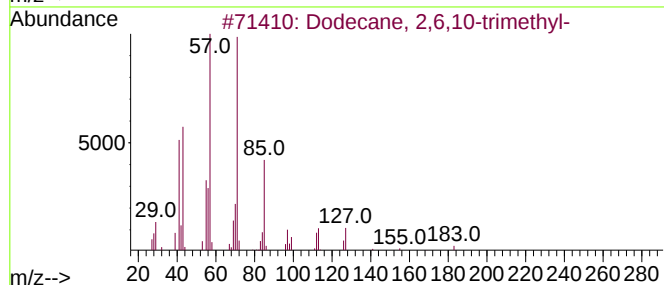
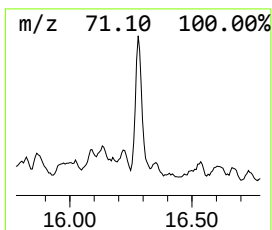
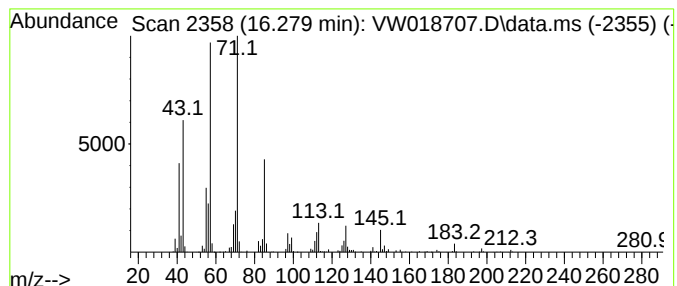
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	23.78 ug/L	877557	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3		Octane, 2-methyl-	128	C9H20	003221-61-2	64
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018707.D
 Acq On : 21 Apr 2021 13:10
 Operator : SY/VA
 Sample : M2065-11RE
 Misc : 3.89G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG564RE

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	11.043	1.9	ug/L	97558	2	11.634	1287150	25.0
unknown-01	11.061	1.5	ug/L	75742	2	11.634	1287150	25.0
(DEL) Alkane: C...	11.177	1.6	ug/L	81268	2	11.634	1287150	25.0
(DEL) Alkane: C...	11.232	4.1	ug/L	209647	2	11.634	1287150	25.0
Piperidine	11.335	2.1	ug/L	108417	2	11.634	1287150	25.0
(DEL) Alkane: C...	11.439	4.7	ug/L	242748	2	11.634	1287150	25.0
(DEL) Alkane: S...	11.975	2.7	ug/L	140836	2	11.634	1287150	25.0
(DEL) Alkane: S...	12.067	1.5	ug/L	76837	2	11.634	1287150	25.0
(DEL) Alkane: S...	12.250	17.8	ug/L	914119	2	11.634	1287150	25.0
(DEL) Alkane: S...	12.359	41.4	ug/L	2133770	2	11.634	1287150	25.0
2,3,4-Trimethyl...	12.451	3.6	ug/L	187095	2	11.634	1287150	25.0
unknown-02	12.500	8.7	ug/L	446032	2	11.634	1287150	25.0
(DEL) Alkane: C...	12.616	10.8	ug/L	399804	3	13.560	922597	25.0
(DEL) Alkane: C...	12.780	22.2	ug/L	818623	3	13.560	922597	25.0
(DEL) Alkane: C...	12.859	25.5	ug/L	941509	3	13.560	922597	25.0
Oxalic acid, mo...	12.939	36.6	ug/L	1349830	3	13.560	922597	25.0
(DEL) Alkane: S...	13.079	20.7	ug/L	764916	3	13.560	922597	25.0
(DEL) Alkane: C...	13.121	17.5	ug/L	644200	3	13.560	922597	25.0
Carbonic acid, ...	13.188	23.1	ug/L	851831	3	13.560	922597	25.0
unknown-03	13.262	6.7	ug/L	246109	3	13.560	922597	25.0
(DEL) Alkane: S...	13.292	23.7	ug/L	874357	3	13.560	922597	25.0
(DEL) Alkane: S...	13.341	16.5	ug/L	607317	3	13.560	922597	25.0
Heptanedioic ac...	13.378	7.7	ug/L	285738	3	13.560	922597	25.0
Cyclohexane, 2-...	13.445	42.0	ug/L	1551980	3	13.560	922597	25.0
Cyclohexanone, ...	13.481	11.6	ug/L	426713	3	13.560	922597	25.0
(DEL) Alkane: C...	13.695	12.3	ug/L	452229	3	13.560	922597	25.0
(DEL) Alkane: S...	13.926	7.5	ug/L	277033	3	13.560	922597	25.0
unknown-04	13.975	9.5	ug/L	352099	3	13.560	922597	25.0
(DEL) Alkane: S...	14.194	17.7	ug/L	652207	3	13.560	922597	25.0
unknown-05	14.262	19.6	ug/L	724664	3	13.560	922597	25.0
(DEL) Alkane: C...	14.316	6.3	ug/L	233553	3	13.560	922597	25.0
Naphthalene, de...	14.383	32.2	ug/L	1187610	3	13.560	922597	25.0
1-Methyldecahyd...	14.548	21.8	ug/L	803458	3	13.560	922597	25.0
Oxalic acid, bi...	14.658	5.5	ug/L	202578	3	13.560	922597	25.0
unknown-06	14.737	9.1	ug/L	336806	3	13.560	922597	25.0
Benzene, 1-ethy...	14.792	25.0	ug/L	922620	3	13.560	922597	25.0
unknown-07	14.853	19.8	ug/L	729667	3	13.560	922597	25.0
unknown-08	15.060	10.0	ug/L	369514	3	13.560	922597	25.0
Bacchotricuneat...	15.322	34.9	ug/L	1288840	3	13.560	922597	25.0
unknown-09	15.395	17.3	ug/L	637334	3	13.560	922597	25.0
(DEL) Alkane: S...	15.572	13.0	ug/L	480426	3	13.560	922597	25.0
(DEL) Alkane: S...	16.279	23.8	ug/L	877557	3	13.560	922597	25.0