

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026497.D
 Acq On : 01 Jul 2023 02:00
 Operator : SY/MD
 Sample : 03444-19
 Misc : 4.55g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46Y0

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\SFAMWLM062923SMA.M

Title : SFAM01.0

Signal : TIC: VW026497.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.003	16	19	29	rVB2	58725	114451	1.25%	0.154%
2	2.235	52	57	59	rVV6	3728	6919	0.08%	0.009%
3	2.356	68	77	85	rBV	98063	197654	2.16%	0.266%
4	2.625	118	121	126	rVB6	6066	10768	0.12%	0.014%
5	2.826	150	154	156	rVB4	3674	5085	0.06%	0.007%
6	2.893	157	165	180	rVB2	73013	243806	2.66%	0.328%
7	3.301	229	232	234	rBV4	3107	3634	0.04%	0.005%
8	3.381	240	245	246	rBV5	3923	5017	0.05%	0.007%
9	3.594	276	280	285	rVB8	3087	5106	0.06%	0.007%
10	3.722	293	301	303	rBV9	2610	4590	0.05%	0.006%
11	4.015	337	349	359	rBV	150274	408599	4.46%	0.549%
12	4.124	359	367	378	rVB2	77015	218855	2.39%	0.294%
13	4.380	405	409	411	rBV5	4700	7377	0.08%	0.010%
14	4.911	485	496	503	rBV2	12862	40100	0.44%	0.054%
15	5.002	508	511	522	rVV8	6352	18174	0.20%	0.024%
16	5.100	525	527	530	rVB4	2881	2708	0.03%	0.004%
17	5.136	530	533	536	rBV4	2081	2984	0.03%	0.004%
18	5.411	573	578	579	rBV5	3092	3301	0.04%	0.004%
19	5.783	636	639	640	rBV3	3008	3459	0.04%	0.005%
20	5.935	660	664	669	rVV8	3979	9275	0.10%	0.012%
21	6.033	676	680	684	rVV7	1887	3191	0.03%	0.004%
22	6.161	700	701	706	rBV5	2233	3962	0.04%	0.005%
23	6.209	706	709	710	rVV3	2172	3022	0.03%	0.004%
24	6.295	719	723	725	rVV5	4401	6112	0.07%	0.008%
25	6.313	725	726	729	rVV3	4691	4547	0.05%	0.006%
26	6.984	833	836	840	rBV6	2488	4573	0.05%	0.006%
27	7.075	842	851	860	rBV	39629	121271	1.32%	0.163%
28	7.167	860	866	876	rVB2	27016	78022	0.85%	0.105%
29	7.471	913	916	920	rVB6	2157	3764	0.04%	0.005%
30	7.508	920	922	924	rBV3	2415	3126	0.03%	0.004%
31	7.648	936	945	956	rBV	197777	482314	5.27%	0.649%
32	7.855	977	979	983	rBV5	2583	3959	0.04%	0.005%
33	7.929	985	991	992	rBV6	8149	13159	0.14%	0.018%
34	8.032	1003	1008	1012	rBV6	5305	10392	0.11%	0.014%
35	8.124	1018	1023	1024	rBV5	3292	4877	0.05%	0.007%
36	8.154	1024	1028	1034	rVB5	11532	22177	0.24%	0.030%

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Integrator: RTE

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Peak Location: TOP

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Title : SFAM01.0

37	8.276	1039	1048	1063	rVV2	386060	1178449	12.88%	1.585%
38	8.404	1065	1069	1070	rBV4	3424	4328	0.05%	0.006%
39	8.569	1092	1096	1100	rBV6	5204	8216	0.09%	0.011%
40	8.691	1114	1116	1121	rVB6	4151	5247	0.06%	0.007%

41	8.843	1133	1141	1152	rBV	459777	925455	10.11%	1.244%
42	9.075	1172	1179	1185	rBV7	10511	34158	0.37%	0.046%
43	9.270	1204	1211	1218	rBV	272564	582242	6.36%	0.783%
44	9.331	1218	1221	1227	rVB	41276	75248	0.82%	0.101%
45	9.806	1297	1299	1300	rBV2	6890	4057	0.04%	0.005%

46	9.959	1319	1324	1328	rBV	40483	83063	0.91%	0.112%
47	10.032	1331	1336	1342	rVV	147663	268549	2.93%	0.361%
48	10.325	1377	1384	1391	rBV	662380	1216568	13.29%	1.636%
49	10.386	1391	1394	1401	rVB	61155	105850	1.16%	0.142%
50	10.574	1421	1425	1435	rVB	87594	153855	1.68%	0.207%

51	10.666	1436	1440	1443	rBV4	17812	29665	0.32%	0.040%
52	10.928	1477	1483	1491	rBV2	197938	386582	4.22%	0.520%
53	11.227	1528	1532	1535	rBV4	67813	124333	1.36%	0.167%
54	11.513	1575	1579	1589	rVB	96633	206557	2.26%	0.278%
55	11.629	1592	1598	1605	rVB	631904	1054340	11.52%	1.418%

56	11.873	1635	1638	1641	rVB2	53136	69030	0.75%	0.093%
57	12.062	1665	1669	1674	rVB2	66375	113872	1.24%	0.153%
58	12.135	1675	1681	1692	rBV5	175555	669630	7.32%	0.900%
59	12.251	1696	1700	1705	rVB	297840	437122	4.78%	0.588%
60	12.330	1708	1713	1714	rBV3	130152	187768	2.05%	0.252%

61	12.361	1714	1718	1728	rVB2	281035	675740	7.38%	0.909%
62	12.586	1752	1755	1756	rBV	87517	92687	1.01%	0.125%
63	12.690	1767	1772	1778	rBV2	294515	592077	6.47%	0.796%
64	12.775	1783	1786	1793	rVB4	227400	394766	4.31%	0.531%
65	12.855	1794	1799	1804	rBV4	193706	437297	4.78%	0.588%

66	12.940	1805	1813	1817	rBV4	546786	1432422	15.65%	1.926%
67	13.074	1831	1835	1839	rBV	394319	545653	5.96%	0.734%
68	13.123	1839	1843	1846	rBV3	335418	537253	5.87%	0.722%
69	13.159	1846	1849	1856	rVV4	345830	685394	7.49%	0.922%
70	13.220	1856	1859	1862	rVB4	182696	252739	2.76%	0.340%

71	13.287	1866	1870	1874	rVB	539416	759312	8.30%	1.021%
72	13.336	1875	1878	1882	rBV	478100	695821	7.60%	0.936%
73	13.446	1887	1896	1899	rBV6	1006570	2187731	23.90%	2.942%
74	13.483	1899	1902	1907	rVB4	428768	659215	7.20%	0.886%
75	13.556	1911	1914	1917	rBV	238722	314033	3.43%	0.422%

76	13.696	1931	1937	1943	rBV4	505447	1413871	15.45%	1.901%
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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Title : SFAM01.0

77	13.800	1951	1954	1956	rBV3	147147	218199	2.38%	0.293%
78	13.873	1958	1966	1970	rBV4	1610495	3445966	37.65%	4.634%
79	13.915	1970	1973	1977	rVB2	745222	985099	10.76%	1.325%
80	13.976	1979	1983	1986	rBV2	793666	1157642	12.65%	1.557%
81	14.019	1987	1990	1994	rBV4	412111	828655	9.05%	1.114%
82	14.190	2014	2018	2022	rBV2	718858	1132822	12.38%	1.523%
83	14.257	2025	2029	2035	rVB4	1011477	1627176	17.78%	2.188%
84	14.312	2035	2038	2042	rBV3	438500	562809	6.15%	0.757%
85	14.379	2042	2049	2054	rBV2	2502544	4712722	51.49%	6.337%
86	14.543	2073	2076	2082	rVB4	884509	1398664	15.28%	1.881%
87	14.653	2091	2094	2098	rBV2	526110	692922	7.57%	0.932%
88	14.732	2104	2107	2112	rBV5	651406	1088057	11.89%	1.463%
89	14.793	2112	2117	2119	rVV2	1662145	2717866	29.69%	3.655%
90	14.842	2120	2125	2134	rVB4	3353802	8659537	94.61%	11.645%
91	15.116	2167	2170	2173	rVB3	393349	467529	5.11%	0.629%
92	15.257	2191	2193	2198	rVB2	1271652	1730433	18.91%	2.327%
93	15.318	2198	2203	2210	rVB	5604602	9152663	100.00%	12.308%
94	15.391	2210	2215	2220	rBV4	810427	1815338	19.83%	2.441%
95	15.567	2239	2244	2249	rBV5	641159	1450787	15.85%	1.951%
96	15.628	2250	2254	2255	rBV2	458100	681857	7.45%	0.917%
97	15.720	2265	2269	2277	rVB4	1311961	2626629	28.70%	3.532%
98	15.866	2289	2293	2296	rBV5	314452	577073	6.30%	0.776%
99	16.275	2355	2360	2368	rVB	2342026	4417625	48.27%	5.941%
100	16.531	2399	2402	2407	rVB	353420	535695	5.85%	0.720%

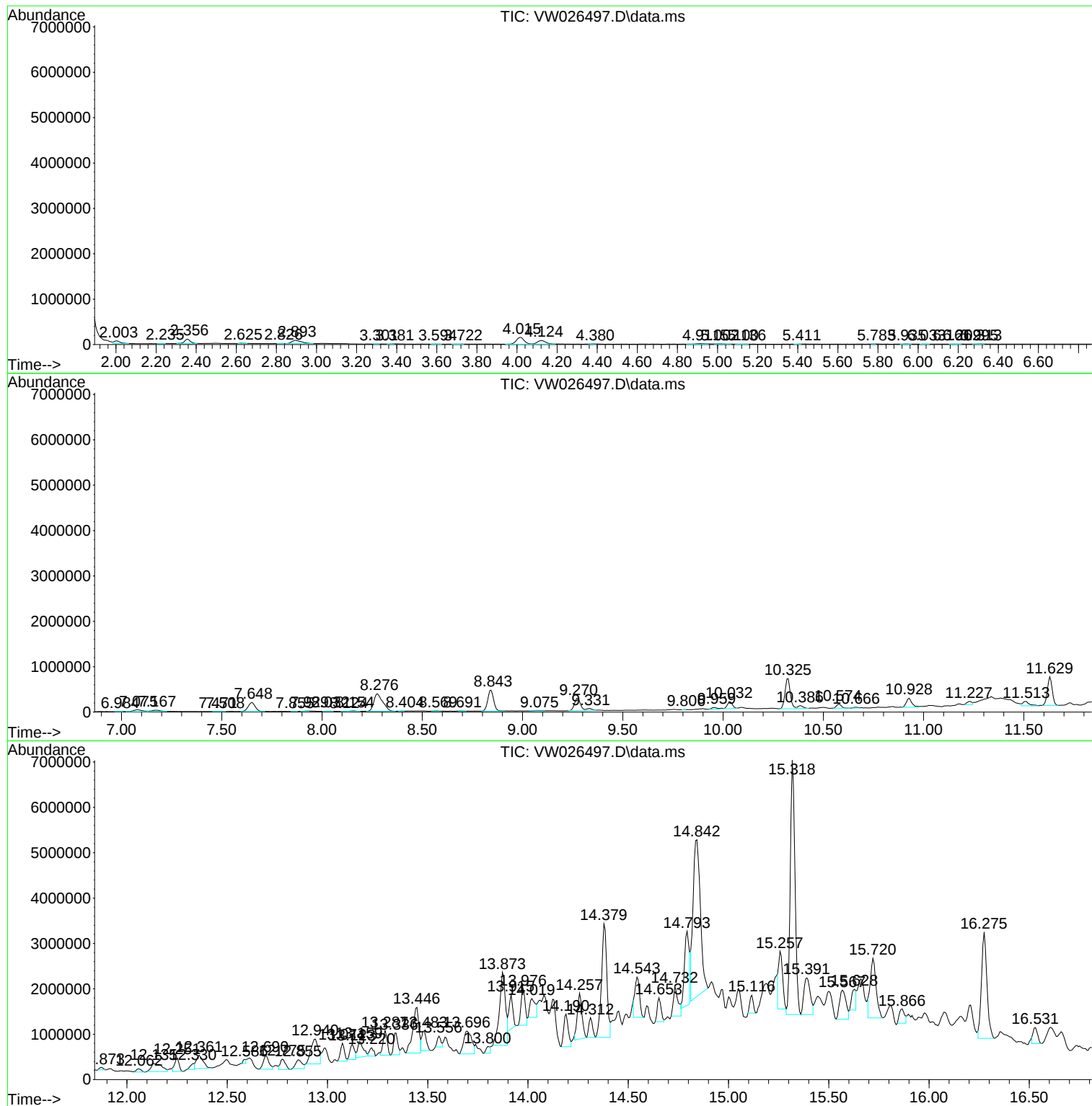
Sum of corrected areas: 74364290

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
MSVOA_W
ClientSampleId :
A46Y0

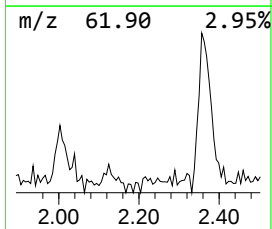
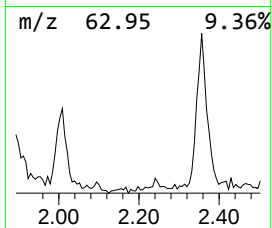
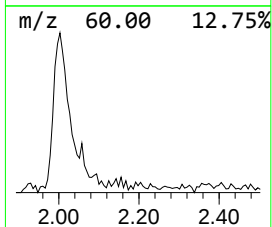
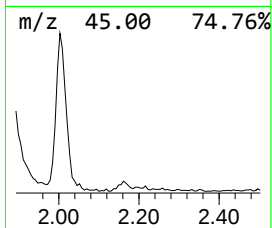
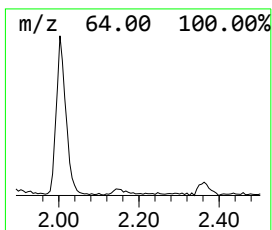
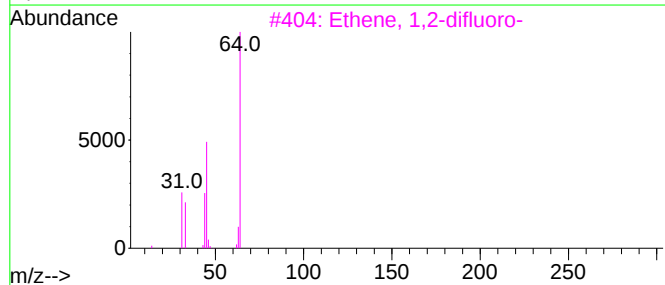
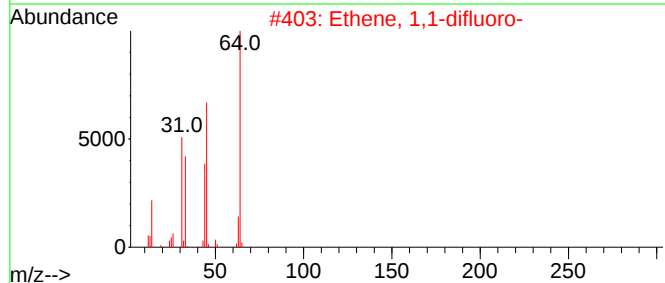
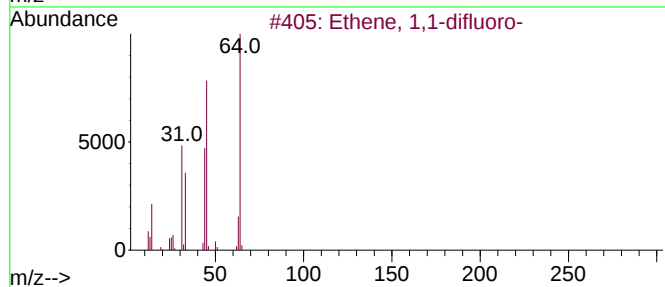
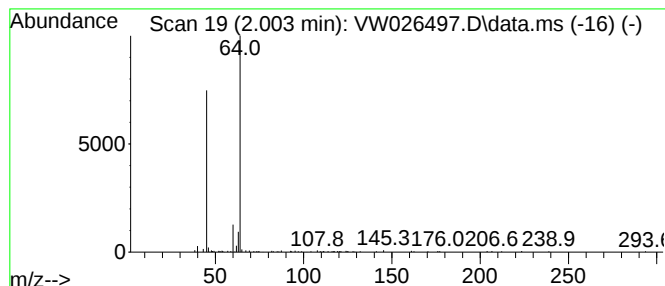
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.003	3.09 ug/L	114451	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, 1,1-difluoro-		64	C2H2F2	000075-38-7	43	
2	Ethene, 1,1-difluoro-		64	C2H2F2	000075-38-7	43	
3	Ethene, 1,2-difluoro-		64	C2H2F2	001691-13-0	9	
4	Ethene, 1,1-difluoro-		64	C2H2F2	000075-38-7	9	
5	Monomethyl oxalate		104	C3H4O4	000600-23-7	9	



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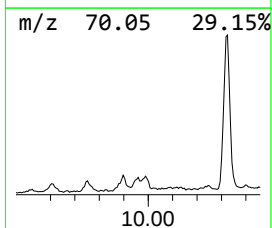
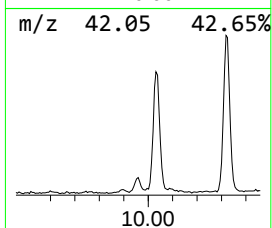
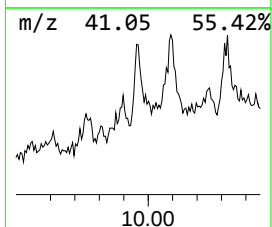
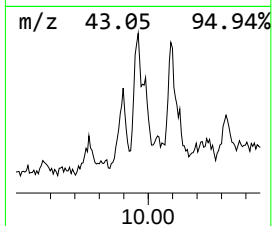
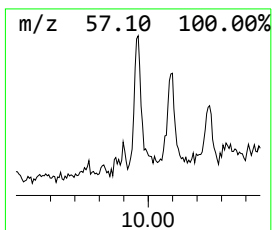
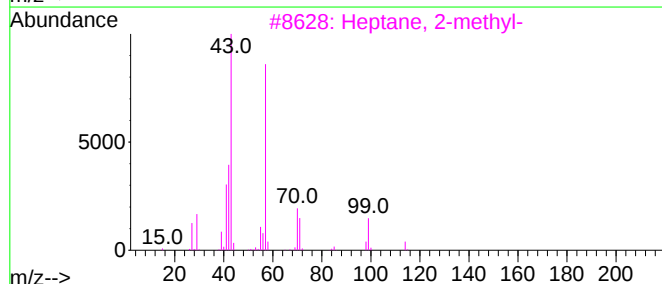
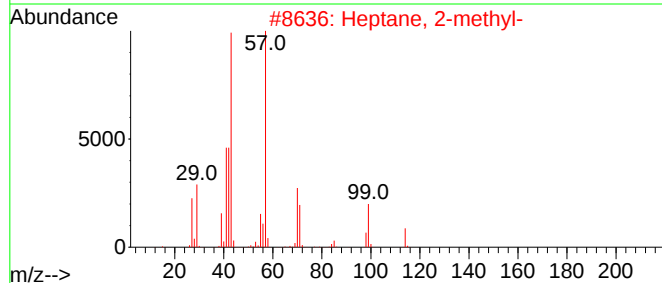
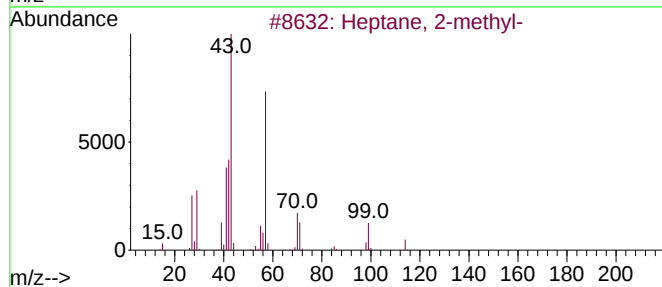
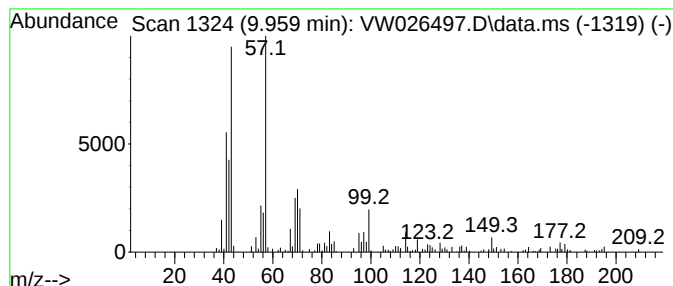
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.959	2.24 ug/L	83063	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2-methyl-	114	C8H18	000592-27-8	83
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	83
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	72
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52
5		Heptane, 3-ethyl-	128	C9H20	015869-80-4	43



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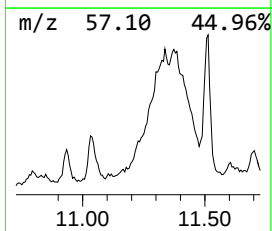
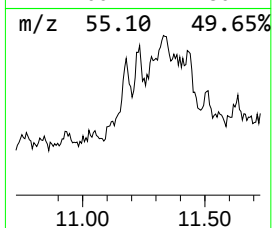
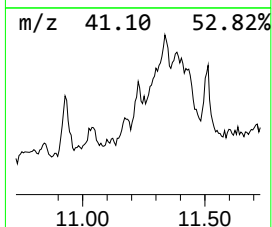
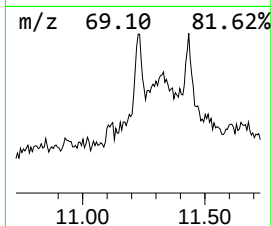
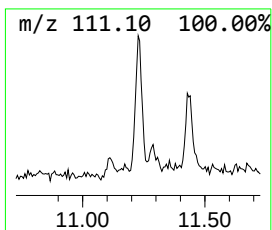
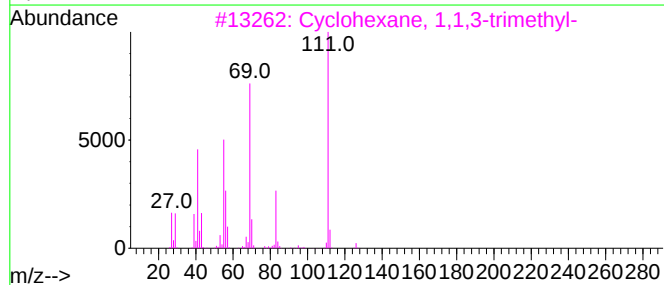
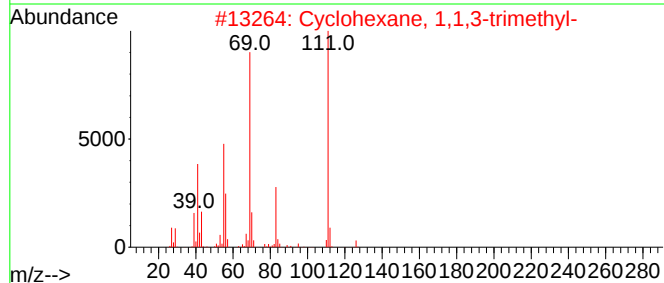
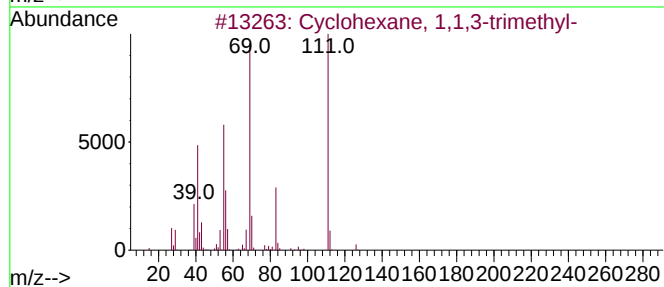
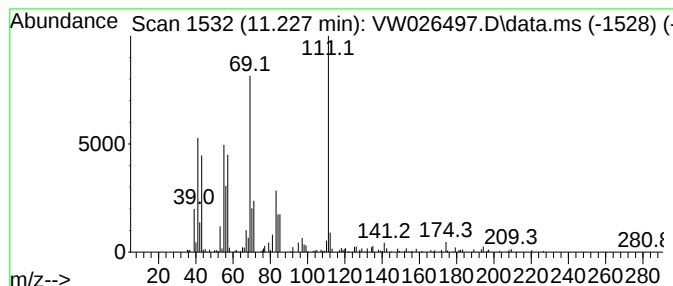
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic11.227 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	2.95 ug/L	124333	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	74
5			Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

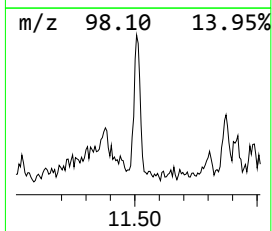
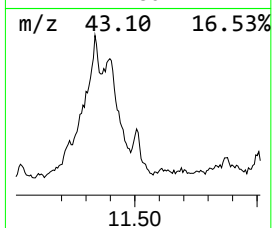
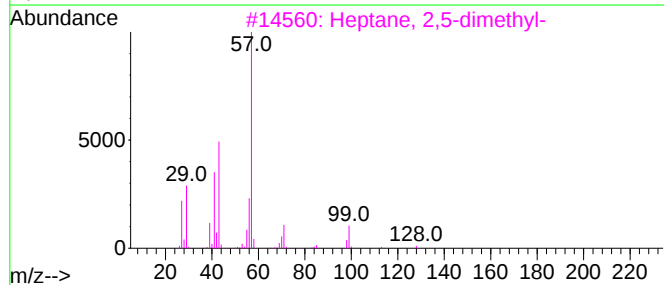
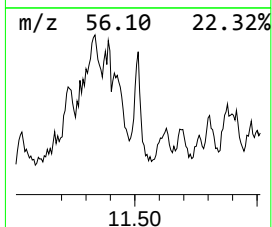
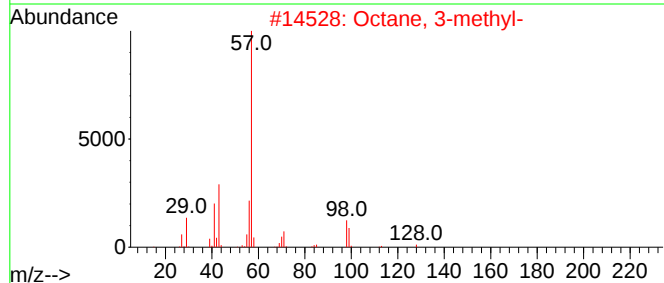
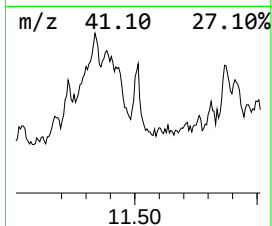
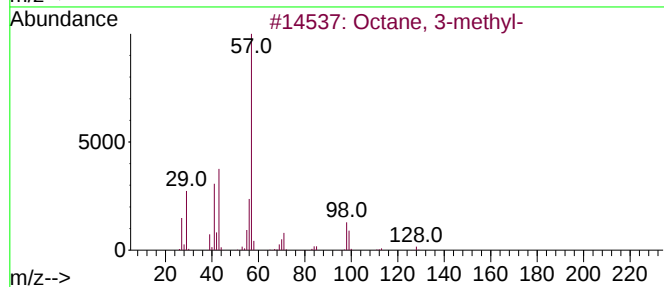
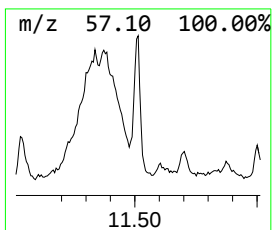
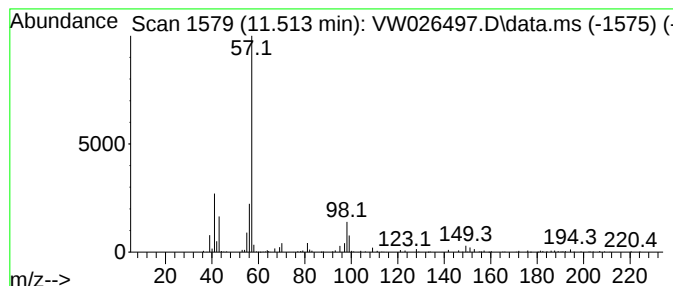
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MSVOA_W
ClientSampleId :
A46Y0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.513	4.90 ug/L	206557	Chlorobenzene-d5			11.629
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	59
2		Octane, 3-methyl-	128	C9H20	002216-33-3	59
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	52
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50
5		Octane, 3-methyl-	128	C9H20	002216-33-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

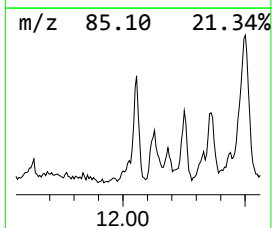
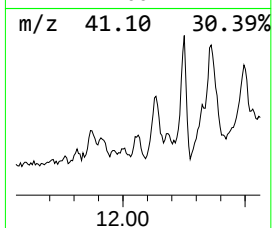
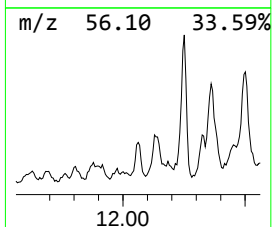
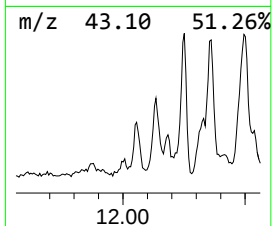
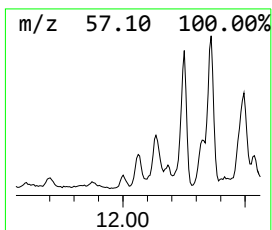
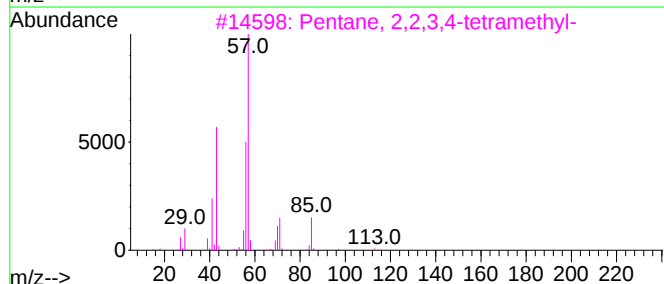
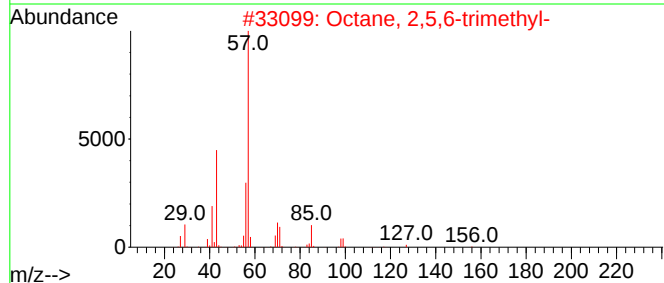
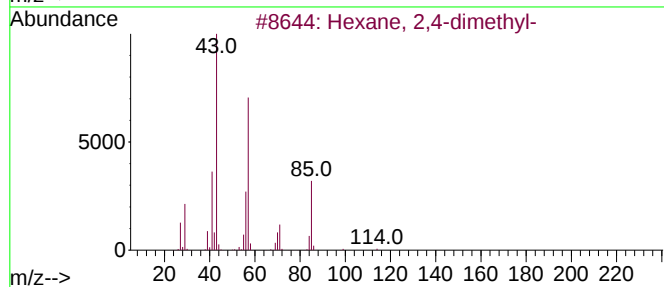
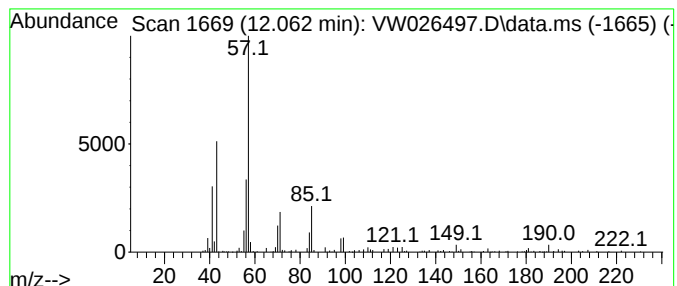
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.062	2.70 ug/L	113872	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
2		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	58
3		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
4		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	49
5		Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

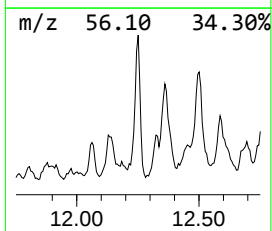
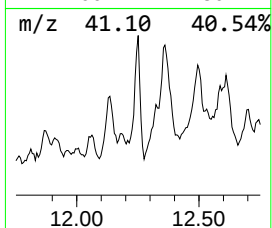
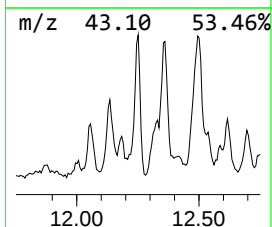
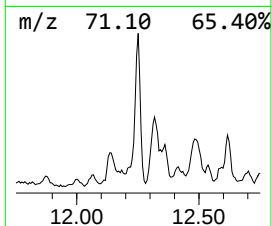
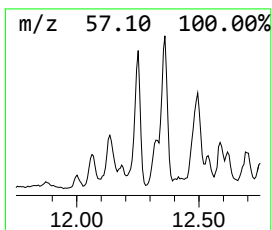
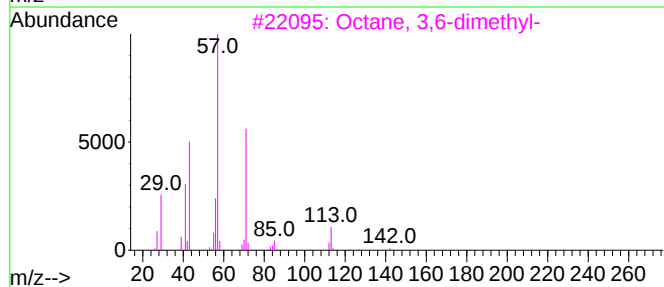
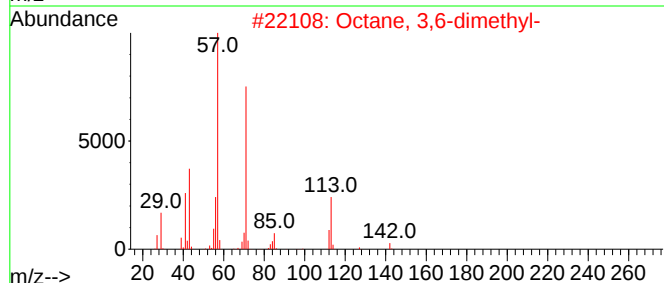
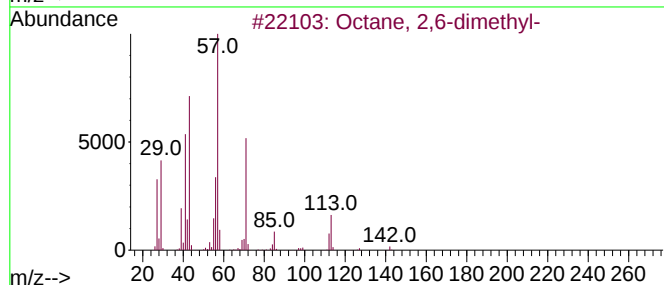
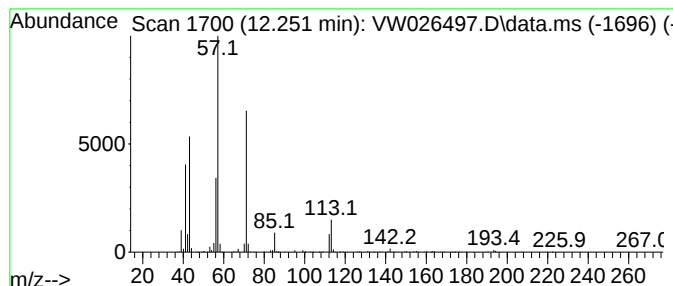
Instrument :
MSVOA_W
ClientSampleId :
A46Y0

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.251	10.36 ug/L	437122	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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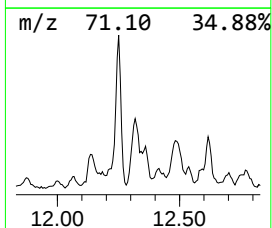
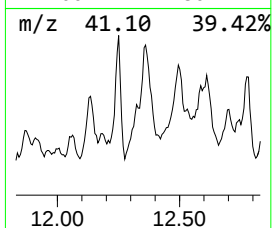
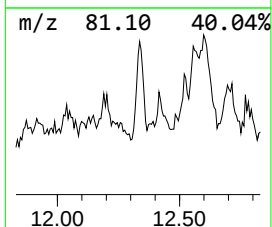
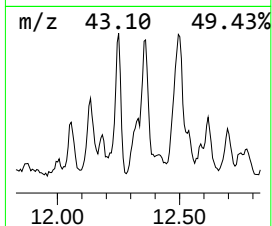
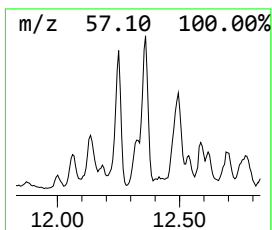
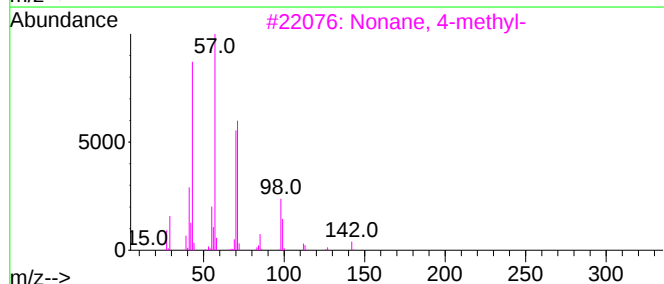
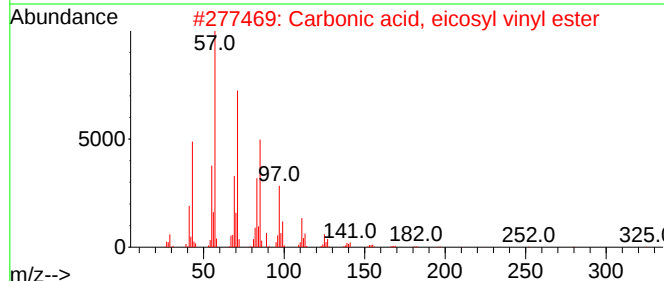
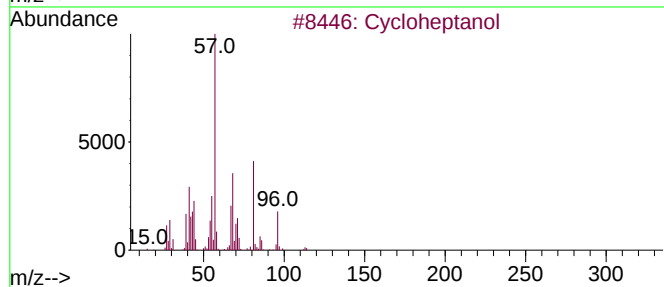
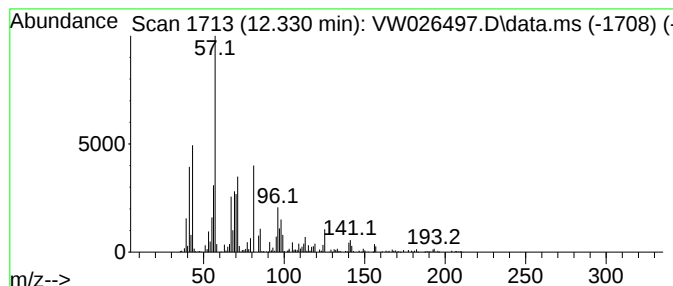
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown-02 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.330	4.45 ug/L	187768	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloheptanol	114	C7H14O	000502-41-0	43
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	43
3			Nonane, 4-methyl-	142	C10H22	017301-94-9	38
4			Nonane, 4-methyl-	142	C10H22	017301-94-9	38
5			Nonane, 4-methyl-	142	C10H22	017301-94-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

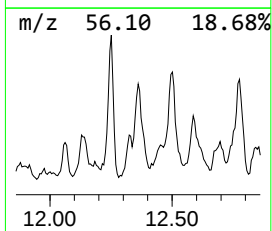
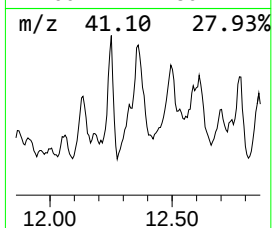
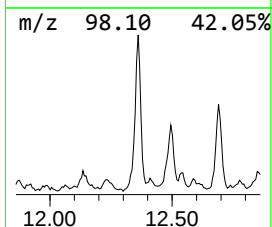
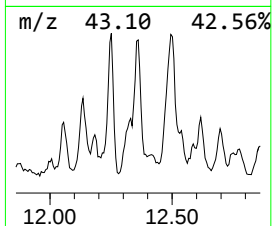
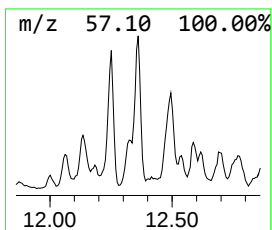
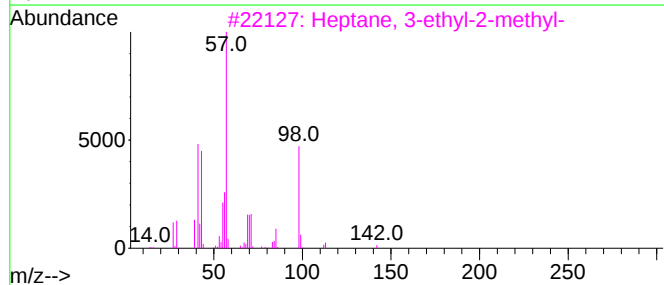
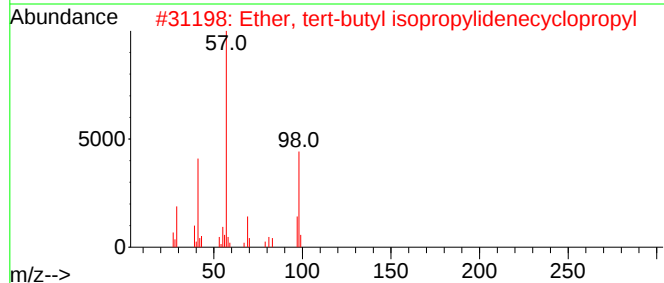
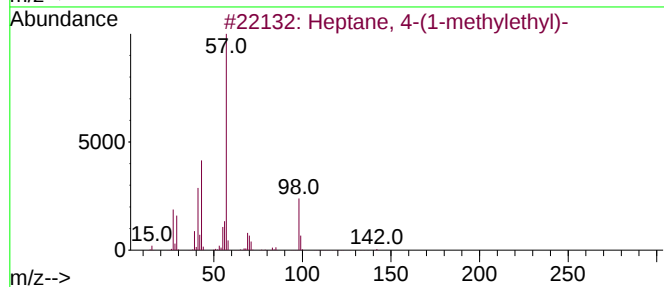
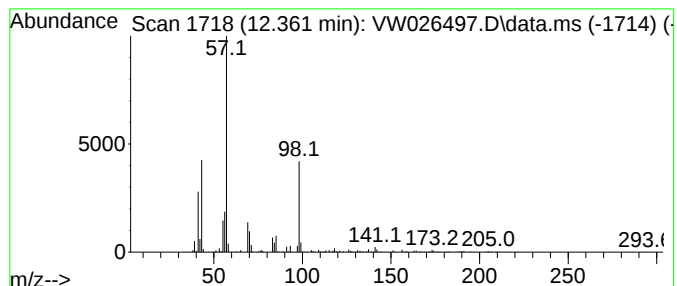
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.361	16.02 ug/L	675740	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	72
2	Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	59
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
5	Decane, 5-methyl-	156	C11H24	013151-35-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

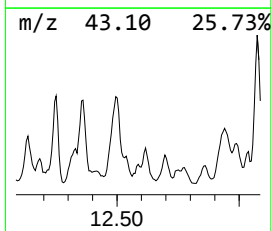
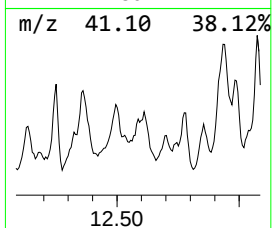
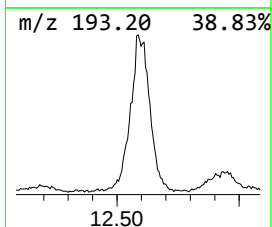
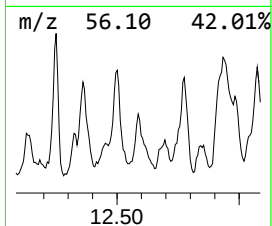
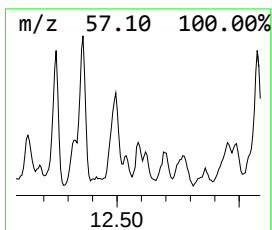
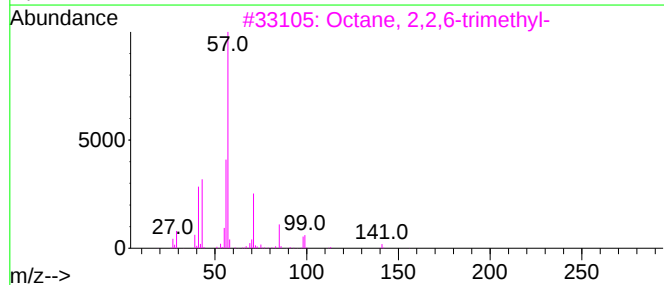
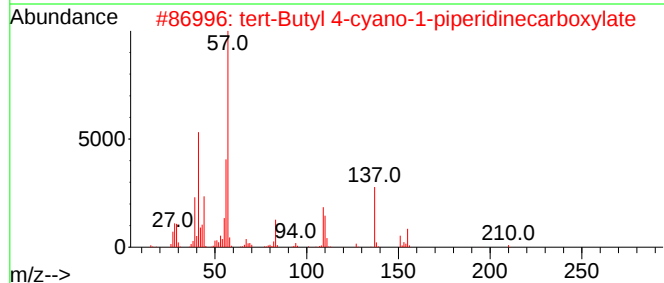
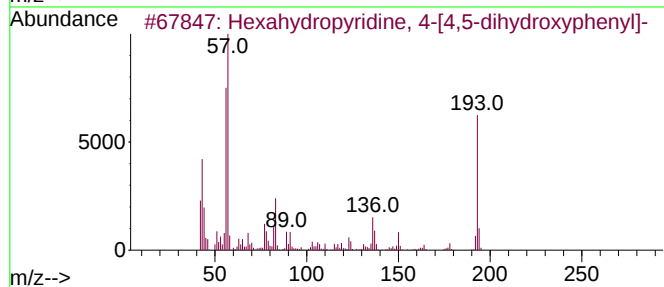
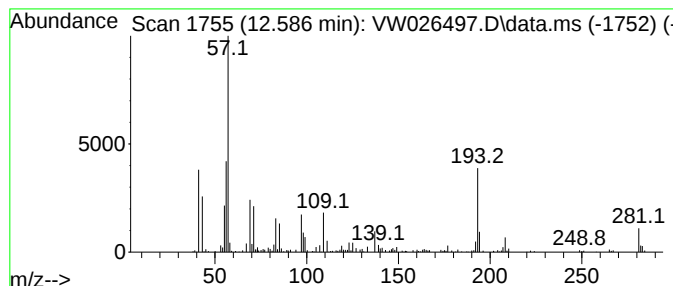
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexahydropyridine, 4-[4,5-d... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.586	2.20 ug/L	92687	Chlorobenzene-d5			11.629
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexahydropyridine, 4-[4,5-dihydr...		193	C11H15NO2	094427-43-7	58
2	tert-Butyl 4-cyano-1-piperidinec...		210	C11H18N2O2	091419-52-2	18
3	Octane, 2,2,6-trimethyl-		156	C11H24	062016-28-8	14
4	Dodecane, 2,2,11,11-tetramethyl-		226	C16H34	127204-12-0	10
5	1-Bromo-3,5,5-trimethylhexane		206	C9H19Br	050915-80-5	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

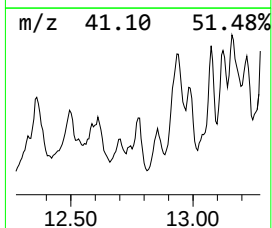
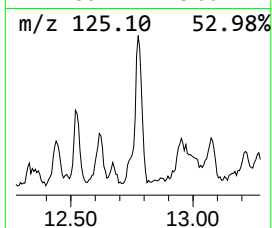
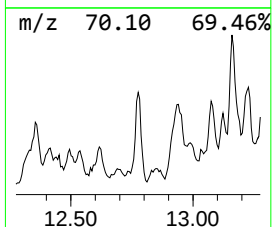
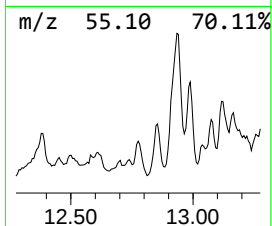
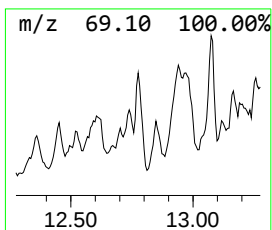
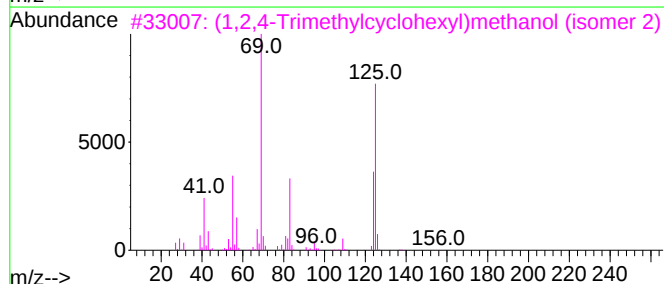
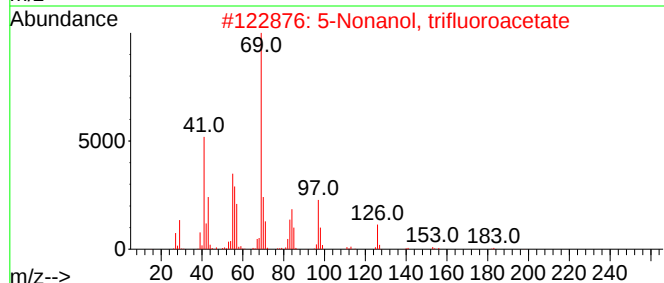
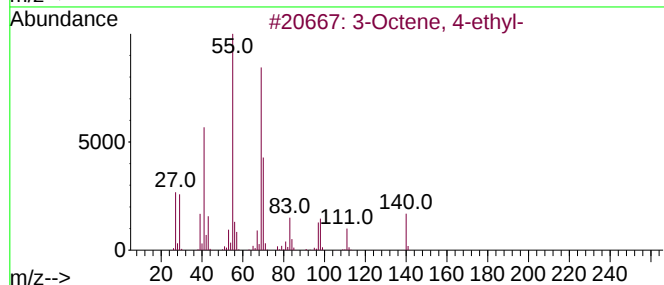
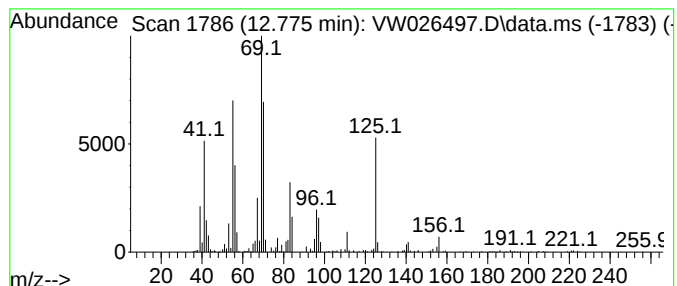
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	31.43 ug/L	394766	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octene, 4-ethyl-	140	C10H20	053966-51-1	49
2			5-Nonanol, trifluoroacetate	240	C11H19F3O2	1000463-48-1	47
3			(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-03-9	38
4			Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	38
5			Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

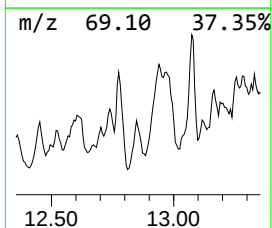
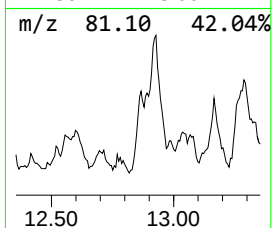
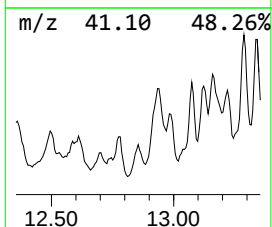
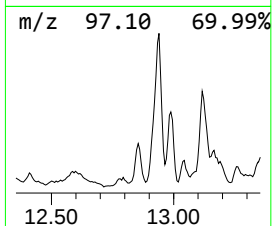
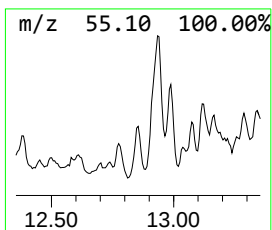
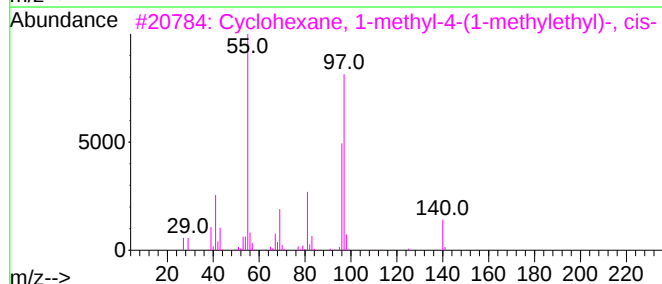
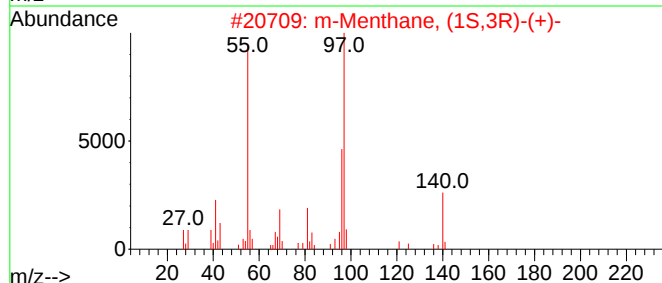
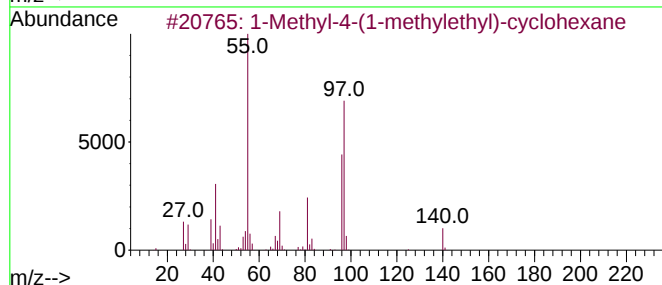
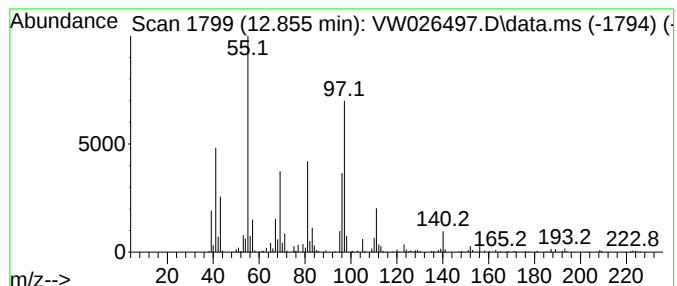
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic12.855 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	34.81 ug/L	437297	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	64
2			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	62
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

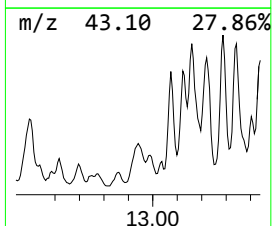
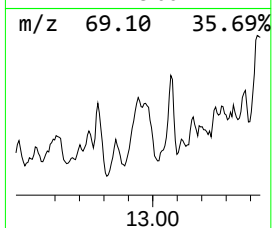
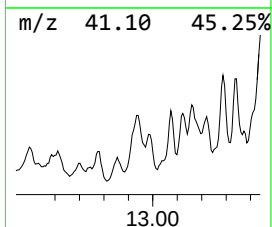
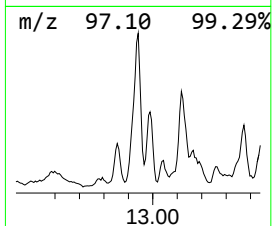
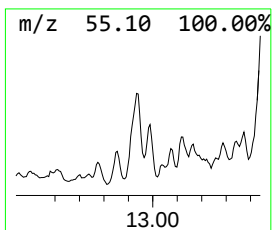
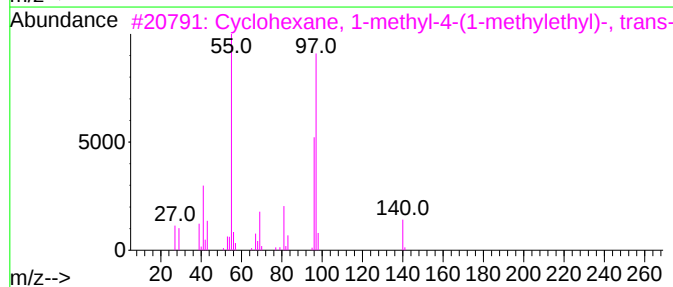
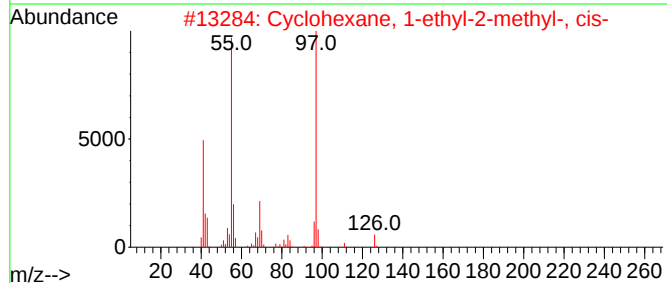
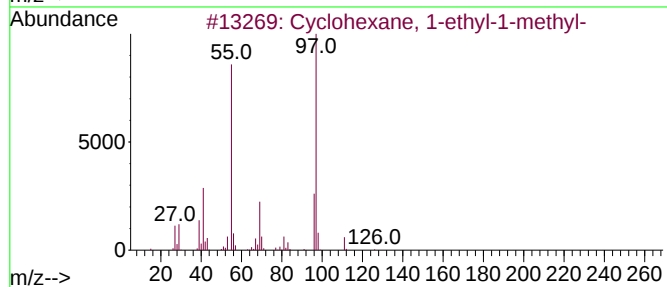
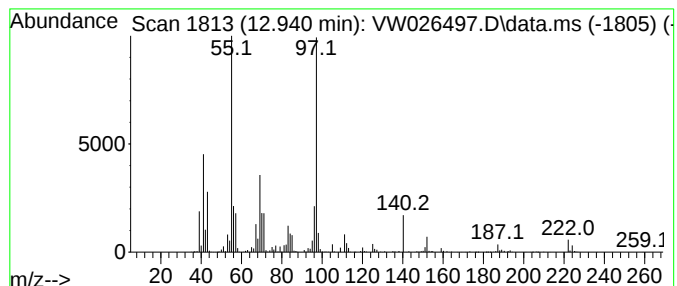
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic12.940 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	114.03 ug/L	1432420	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	53
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52
4			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	52
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

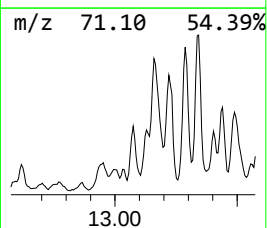
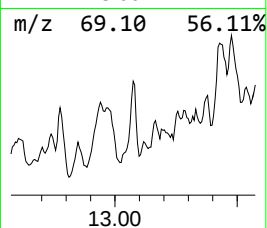
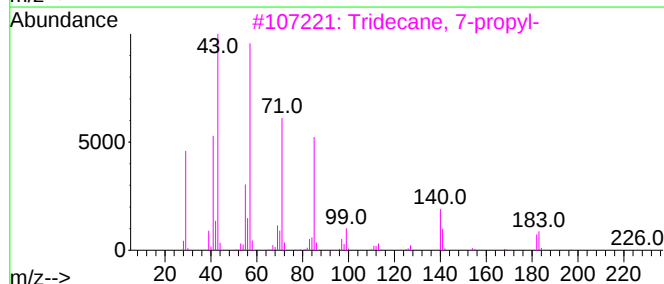
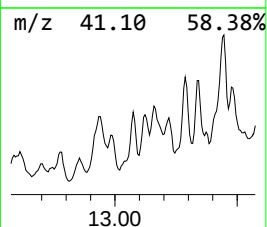
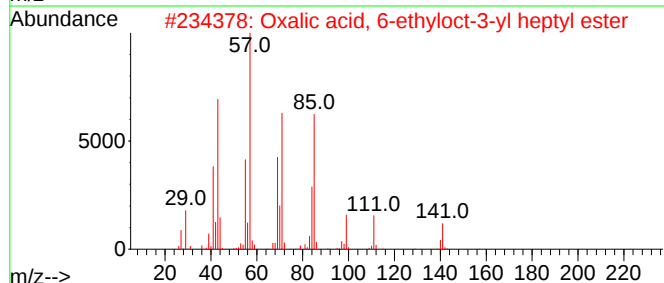
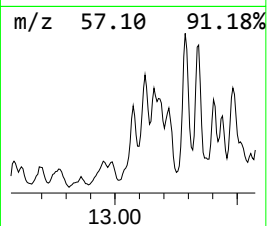
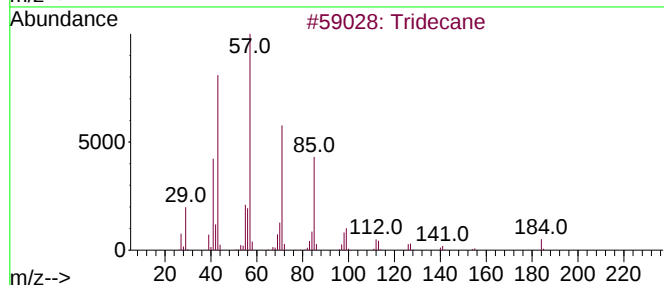
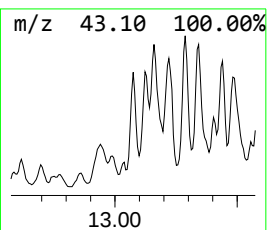
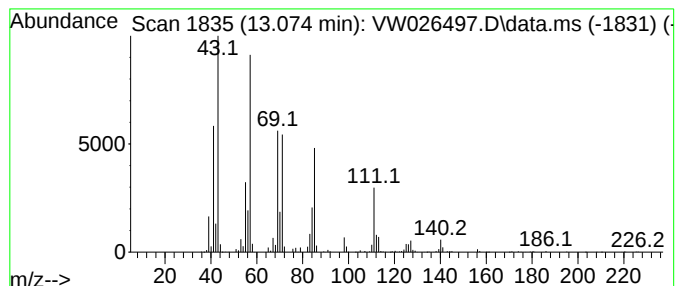
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	43.44 ug/L	545653	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	64
2			Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	59
3			Tridecane, 7-propyl-	226	C16H34	055045-09-5	58
4			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	58
5			Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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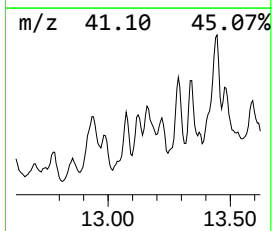
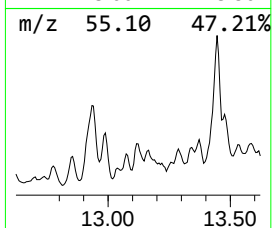
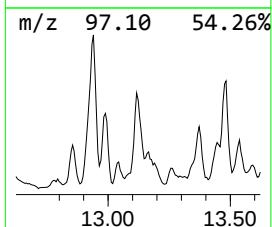
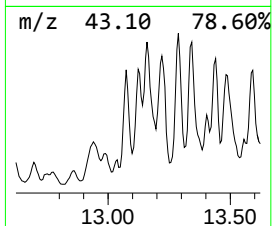
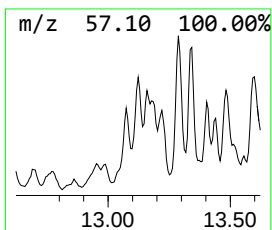
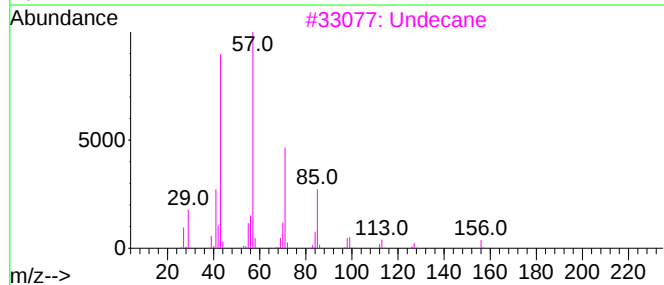
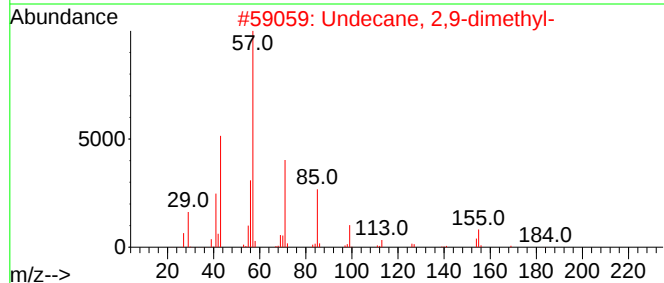
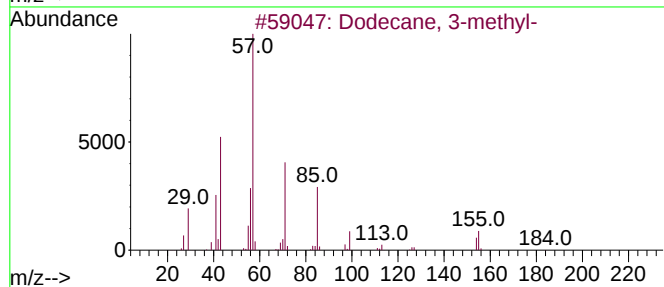
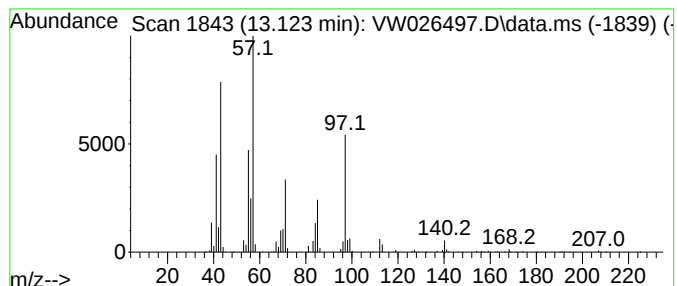
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	42.77 ug/L	537253	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
2		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	47
3		Undecane	156	C11H24	001120-21-4	43
4		Pentadecane	212	C15H32	000629-62-9	43
5		Dodecane	170	C12H26	000112-40-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

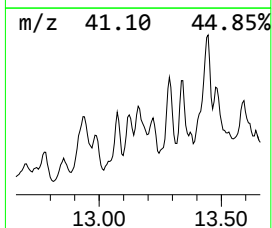
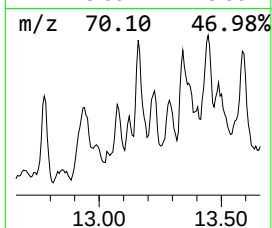
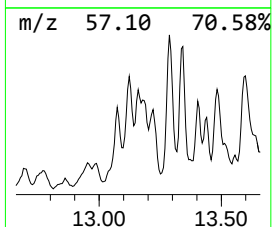
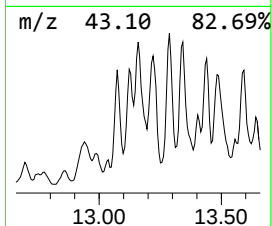
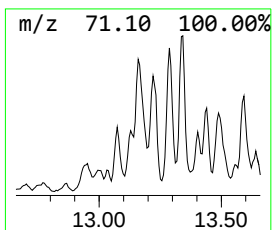
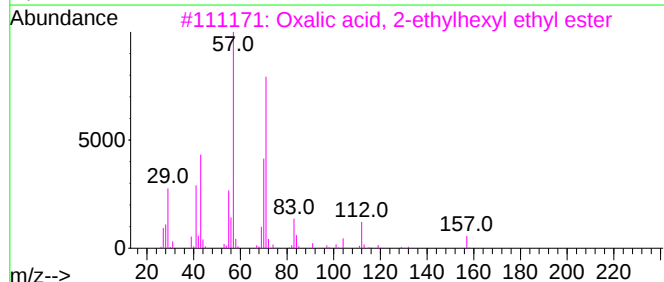
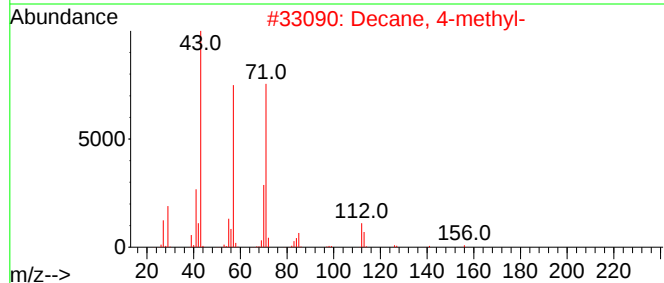
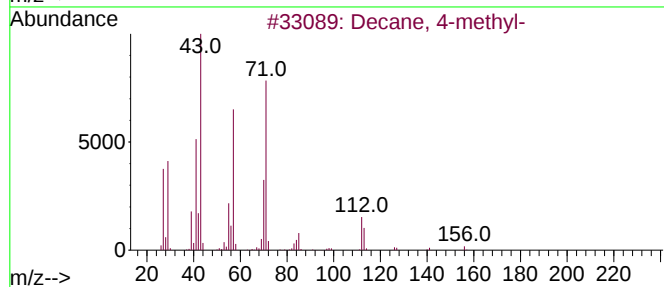
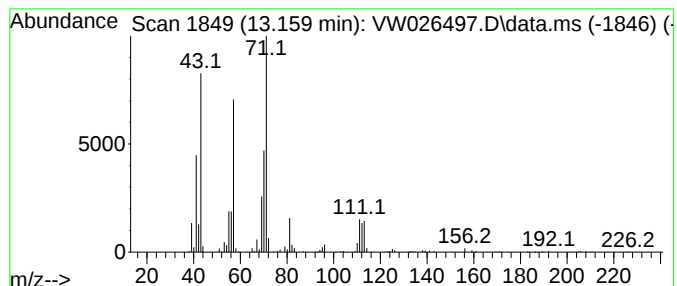
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.159	54.56 ug/L	685394	1,4-Dichlorobenzene-d4	13.556

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

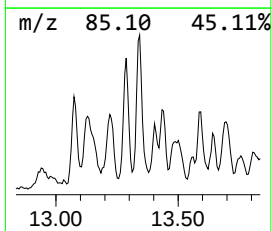
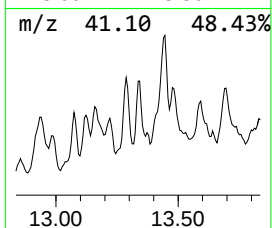
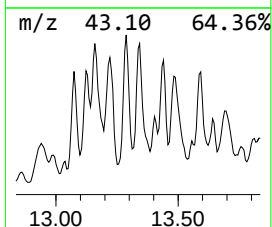
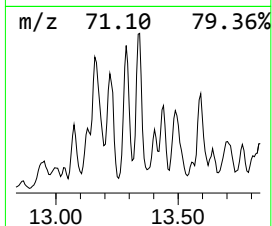
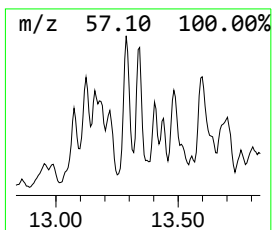
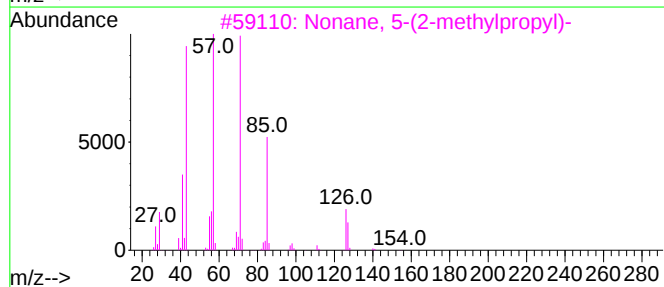
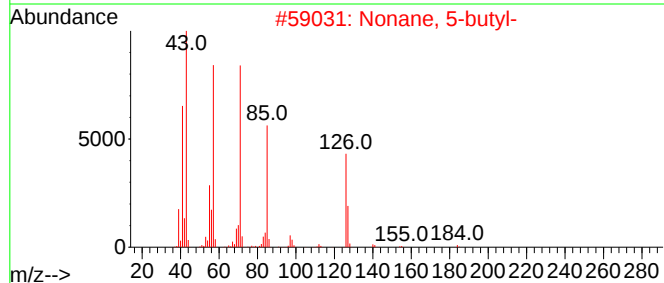
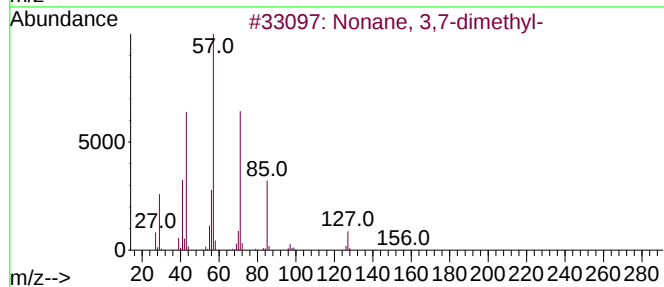
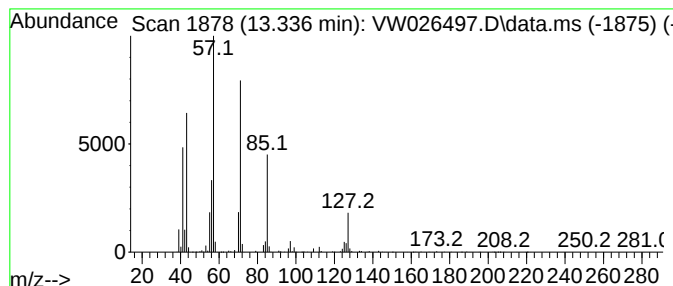
Instrument :
MSVOA_W
ClientSampleId :
A46Y0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.336	55.39 ug/L	695821	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	90
2	Nonane, 5-butyl-		184	C13H28	017312-63-9	72
3	Nonane, 5-(2-methylpropyl)-		184	C13H28	062185-53-9	72
4	Octane, 2,3,3-trimethyl-		156	C11H24	062016-30-2	72
5	Undecane, 2,8-dimethyl-		184	C13H28	017301-25-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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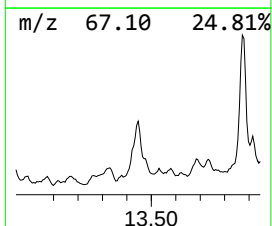
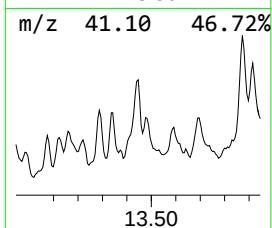
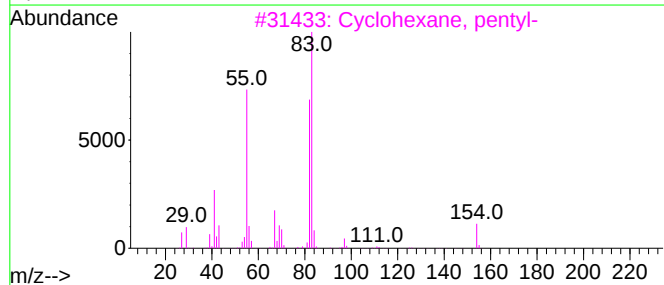
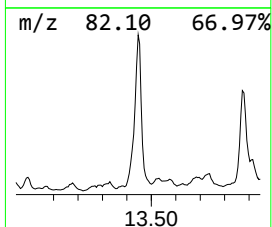
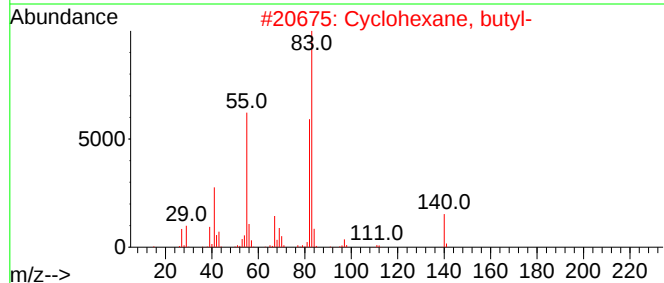
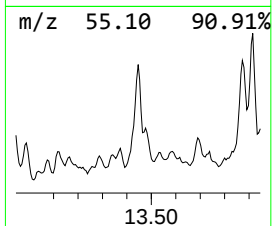
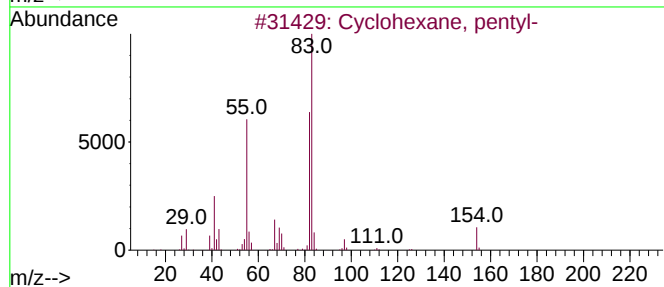
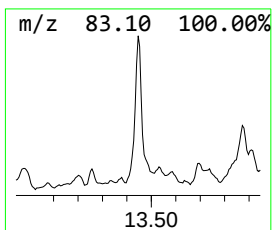
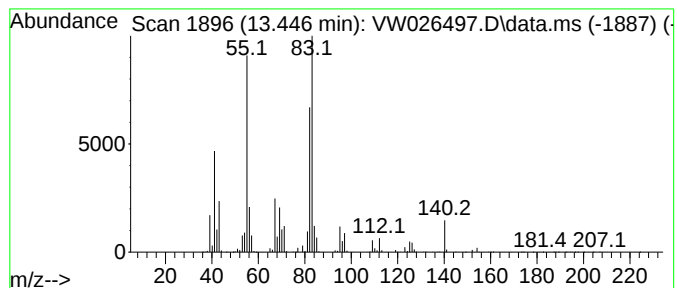
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic13.446 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	174.16 ug/L	2187730	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

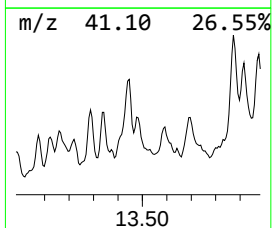
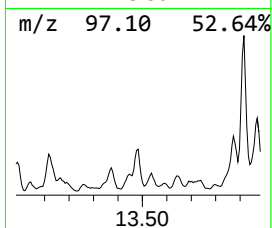
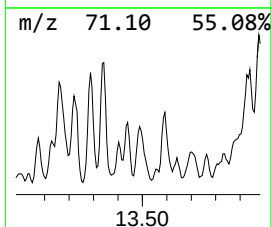
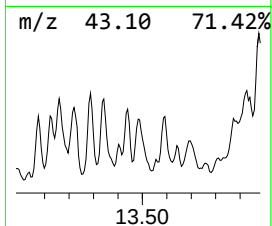
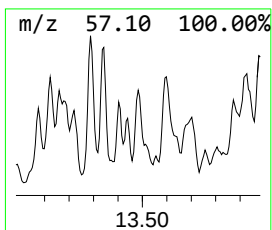
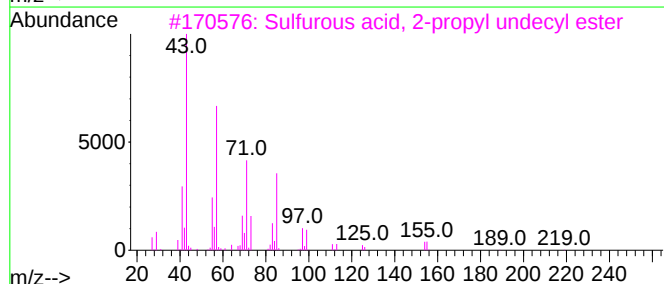
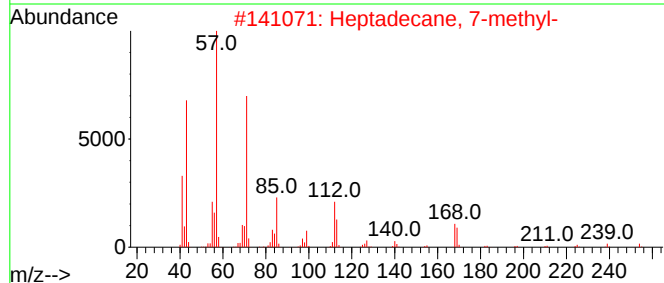
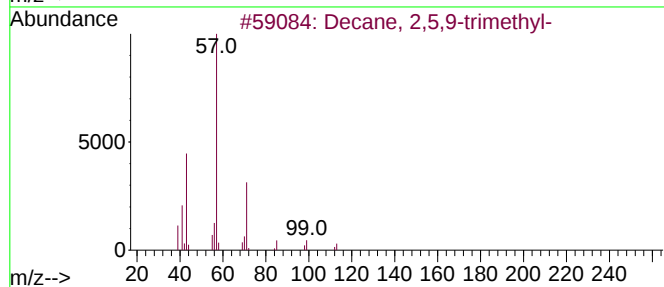
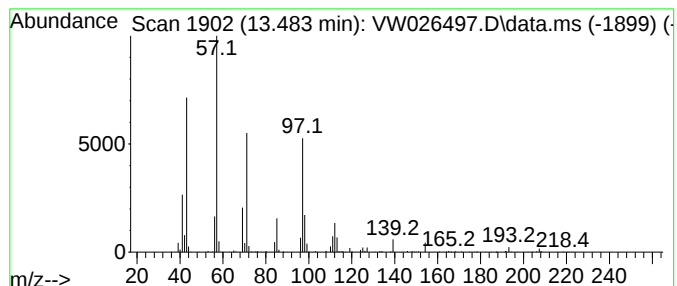
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.483	52.48 ug/L	659215	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 2,5,9-trimethyl-		184	C13H28	062108-22-9	43
2	Heptadecane, 7-methyl-		254	C18H38	020959-33-5	43
3	Sulfurous acid, 2-propyl undecyl...		278	C14H30O3S	1000309-12-2	43
4	Nonane, 4-methyl-5-propyl-		184	C13H28	062185-55-1	43
5	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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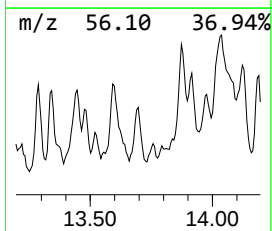
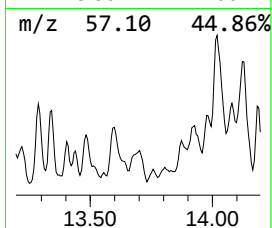
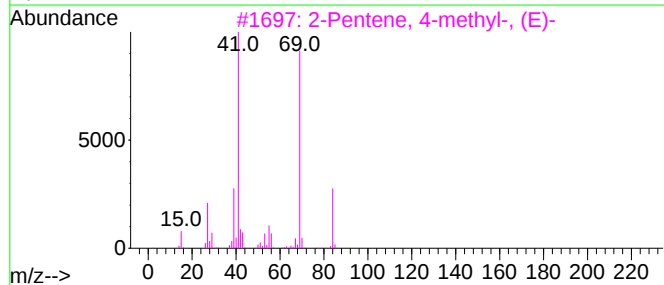
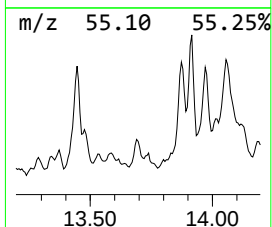
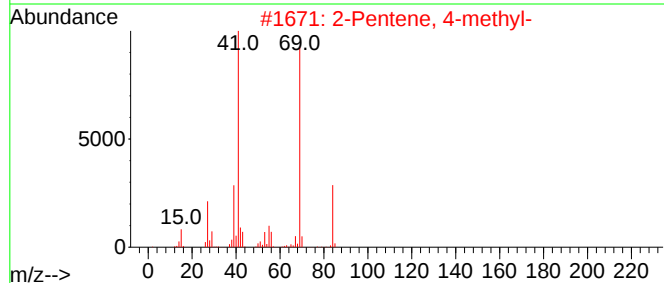
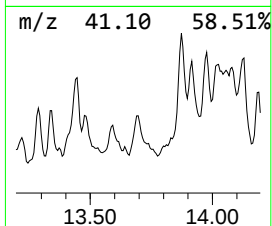
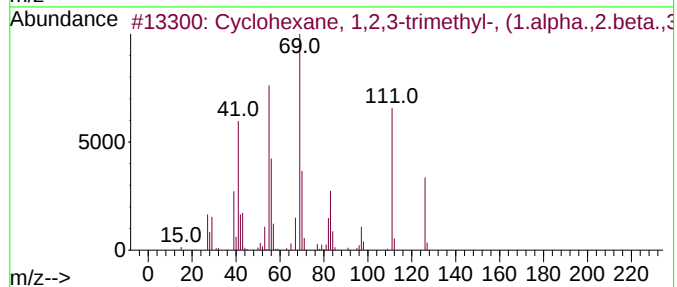
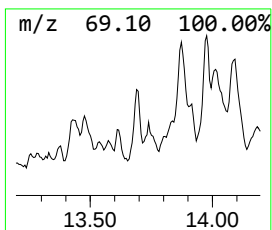
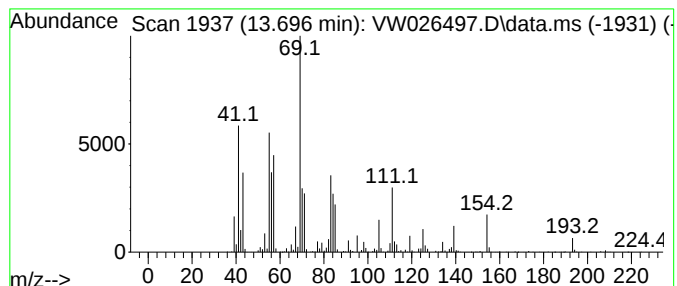
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Cyclic13.696 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	112.56 ug/L	1413870	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	49
2			2-Pentene, 4-methyl-	84	C6H12	004461-48-7	38
3			2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	38
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
5			2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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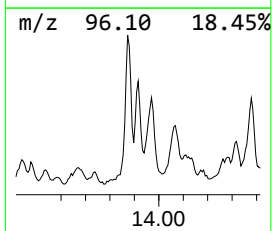
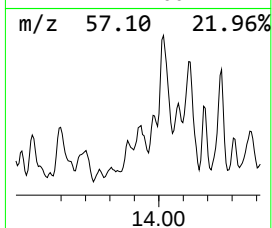
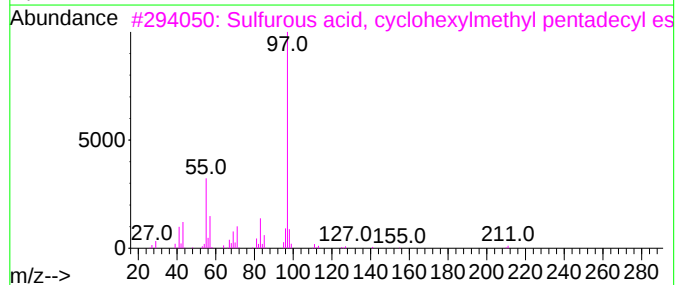
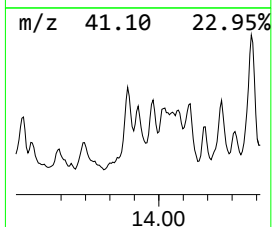
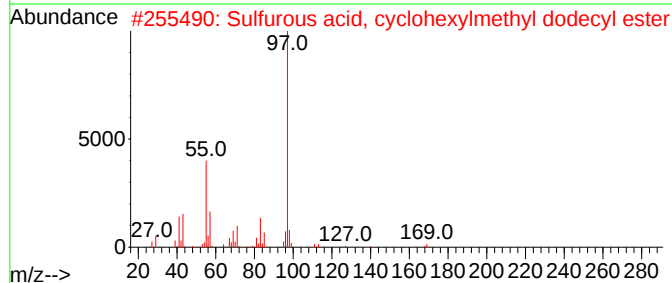
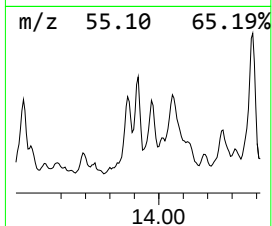
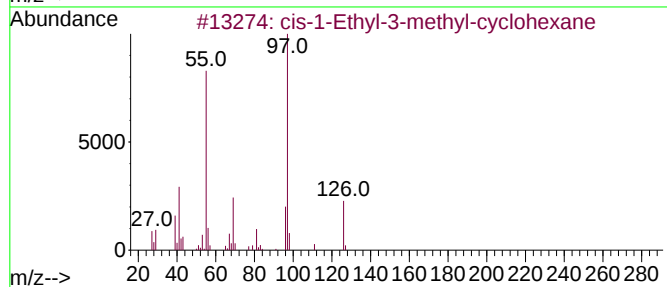
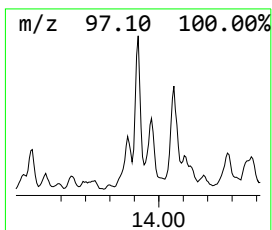
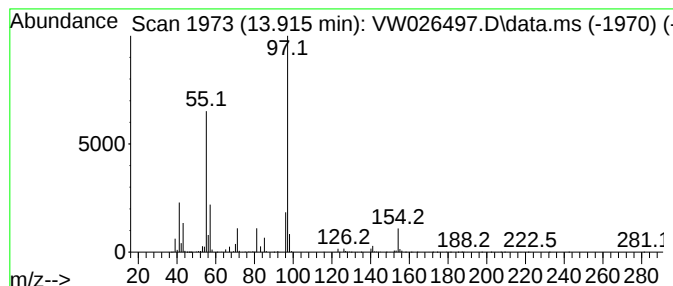
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Cyclic13.915 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.915	78.42 ug/L	985099	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
2			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	64
3			Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	64
4			Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	64
5			Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

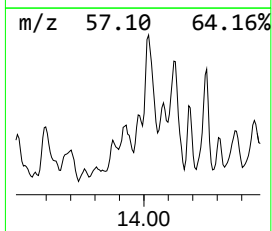
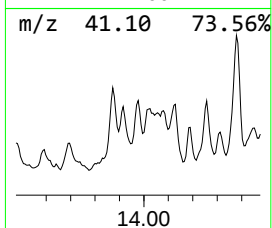
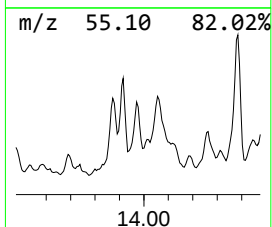
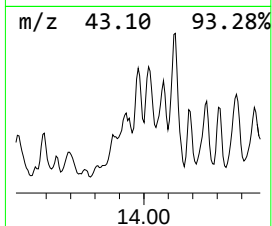
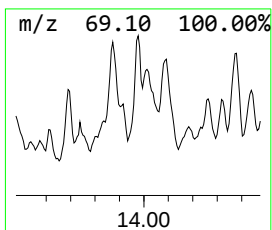
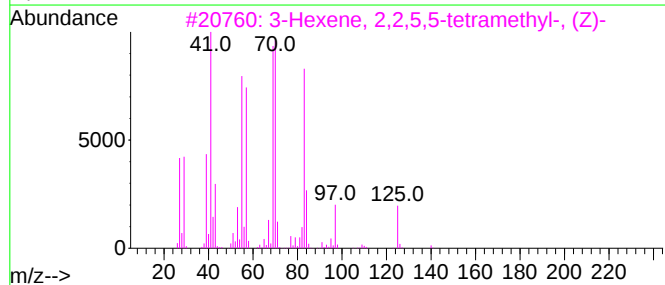
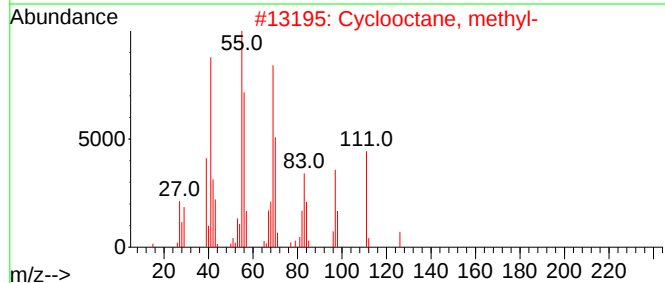
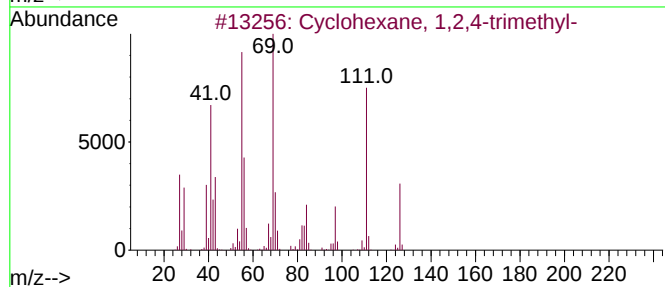
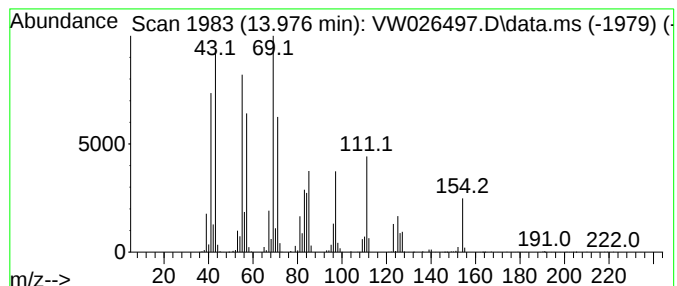
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ClientSampleId :
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Cyclic13.976 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.976	92.16 ug/L	1157640	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
2	Cyclooctane, methyl-	126	C9H18	001502-38-1	46
3	3-Hexene, 2,2,5,5-tetramethyl-, ...	140	C10H20	000692-47-7	38
4	Cyclooctane, ethyl-	140	C10H20	013152-02-8	38
5	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

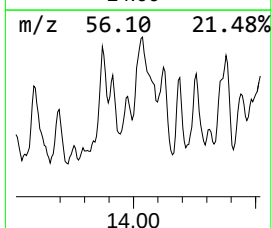
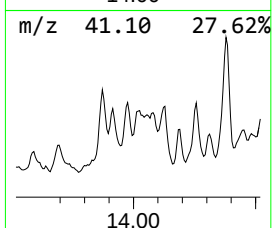
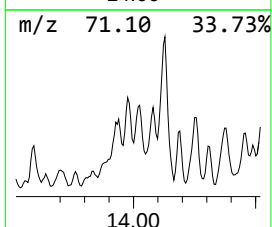
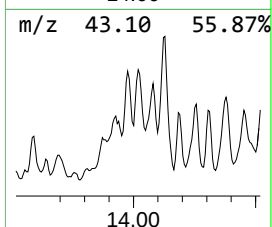
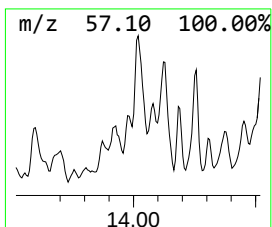
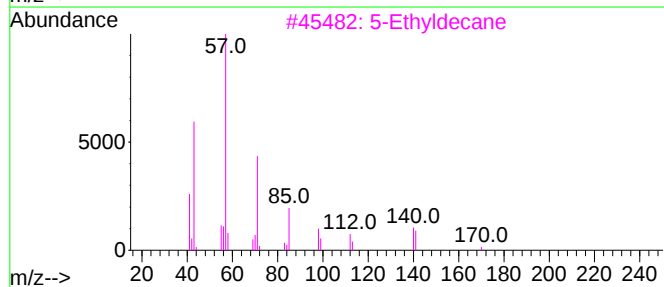
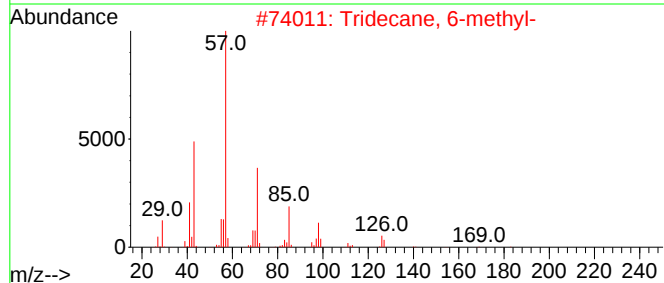
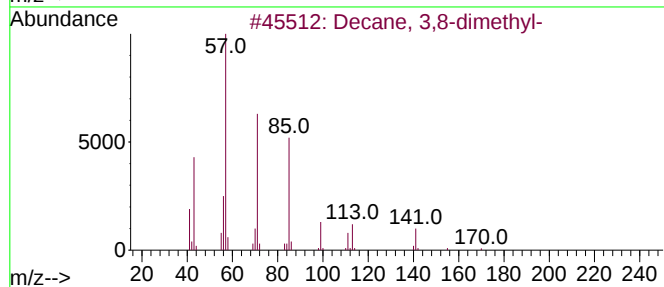
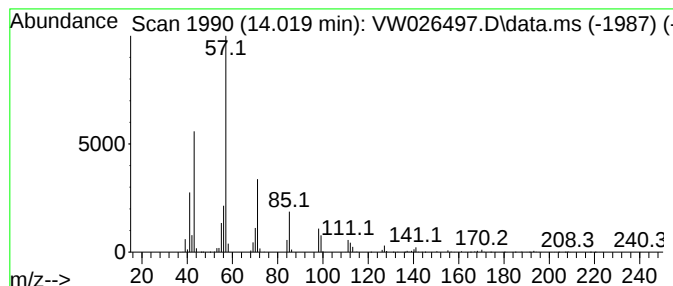
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ClientSampleId :
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.019	65.97 ug/L	828655	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	59
2	Tridecane, 6-methyl-		198	C14H30	013287-21-3	59
3	5-Ethyldecane		170	C12H26	017302-36-2	59
4	Tridecane, 6-methyl-		198	C14H30	013287-21-3	53
5	Undecane, 3,9-dimethyl-		184	C13H28	017301-31-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

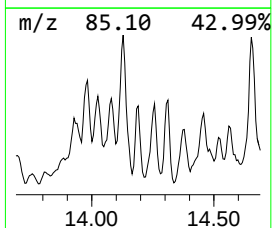
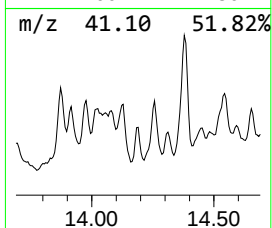
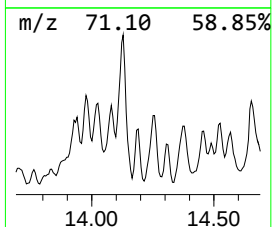
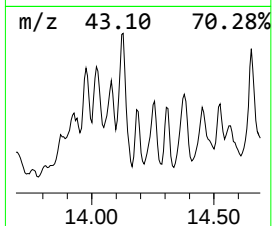
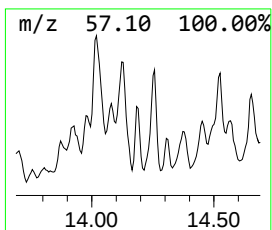
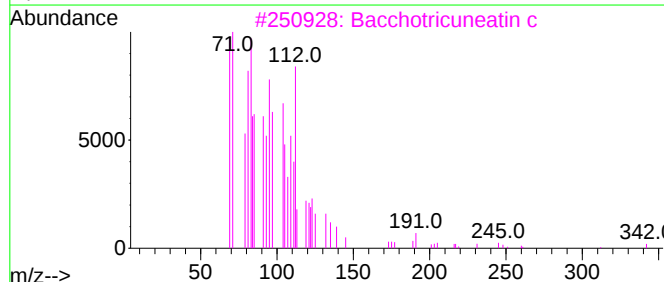
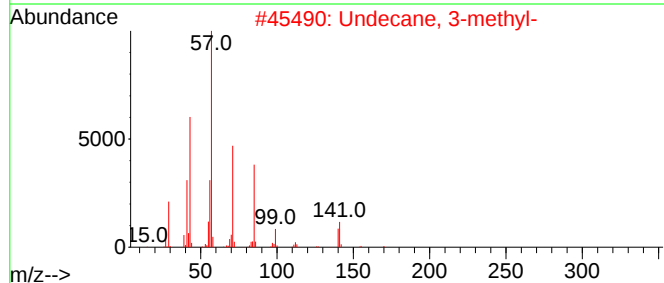
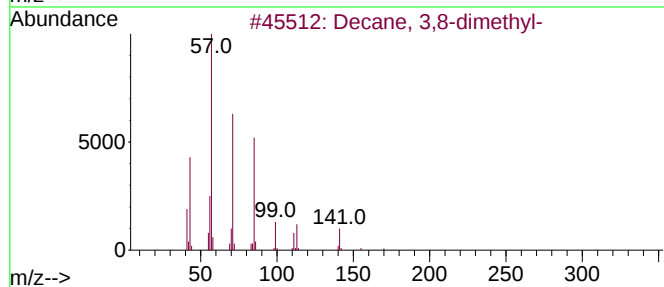
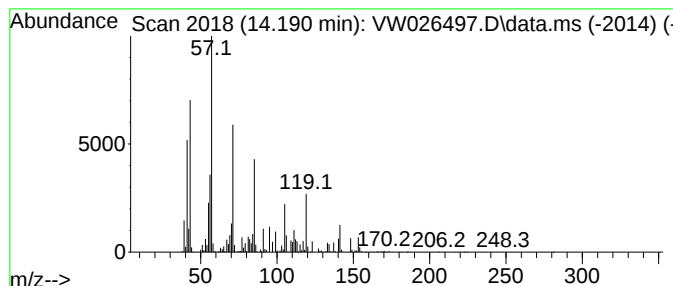
Instrument :
MSVOA_W
ClientSampleId :
A46Y0

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.190	90.18 ug/L	1132820	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	58
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
4	9-methylheptadecane	254	C18H38	026741-18-4	52
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

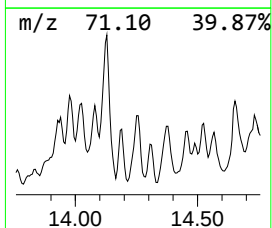
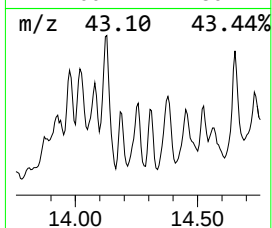
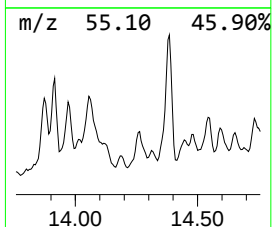
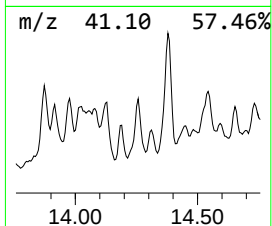
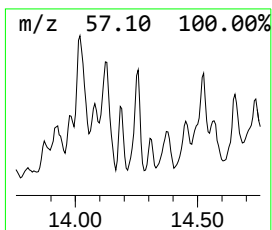
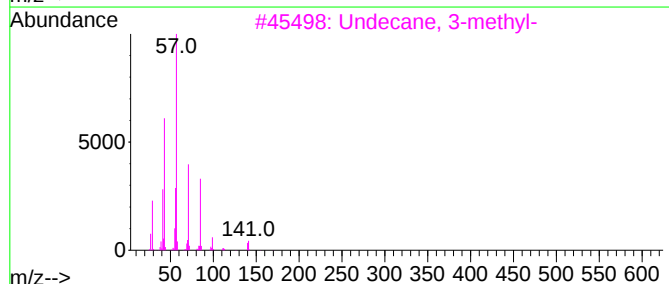
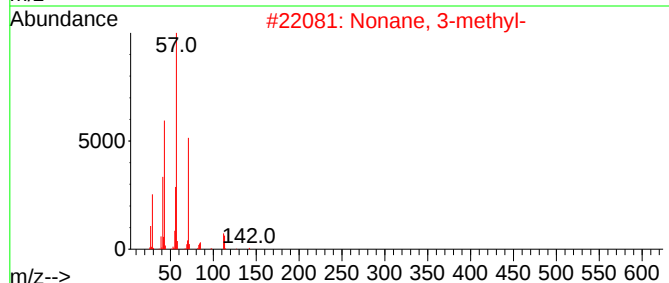
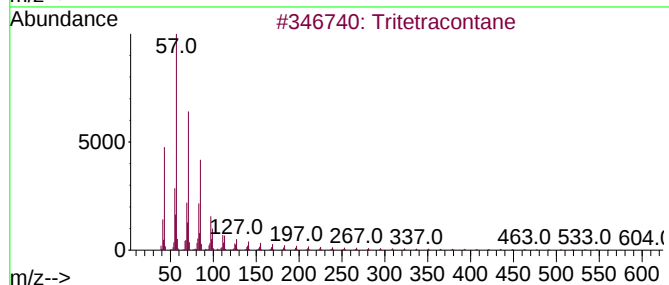
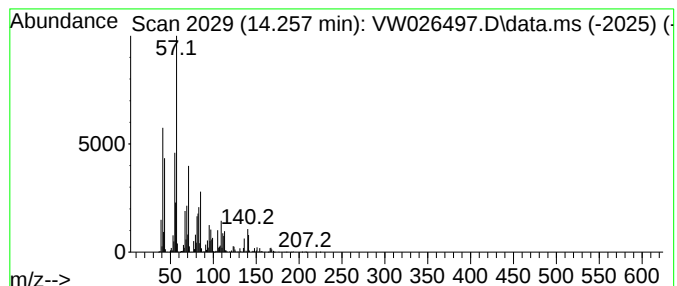
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	129.54 ug/L	1627180	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	50
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	49
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	47
4			Tetratetracontane	619	C44H90	007098-22-8	47
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

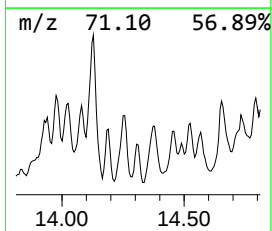
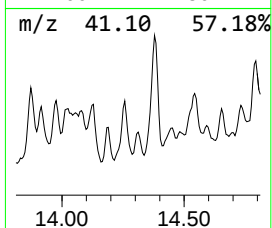
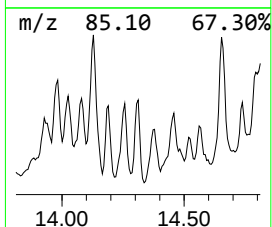
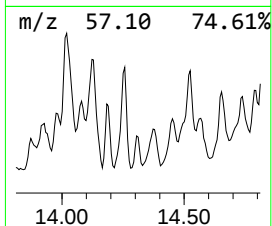
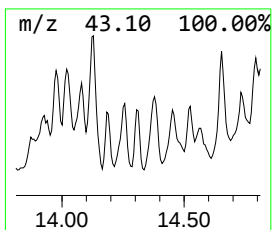
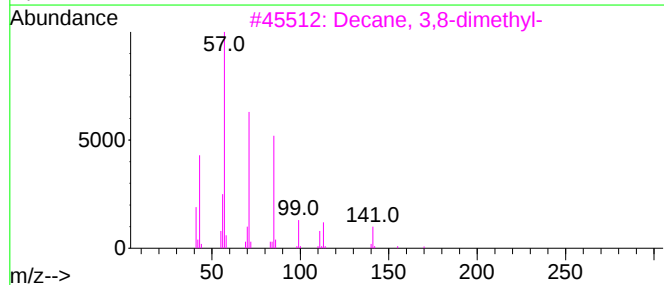
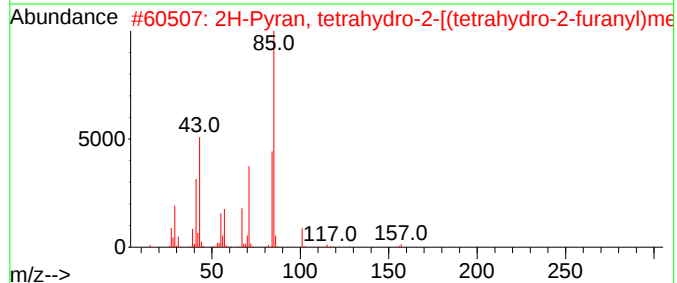
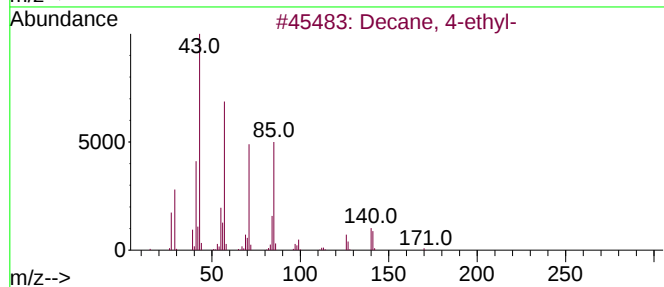
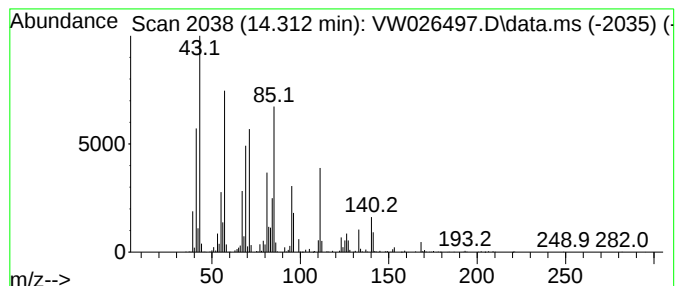
Instrument :
MSVOA_W
ClientSampleId :
A46Y0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.312	44.80 ug/L	562809	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-ethyl-	170	C12H26	001636-44-8	50
2	2H-Pyran, tetrahydro-2-[(tetrahy...	186	C10H18O3	000710-14-5	46
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
4	Tridecane, 5-methyl-	198	C14H30	025117-31-1	35
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

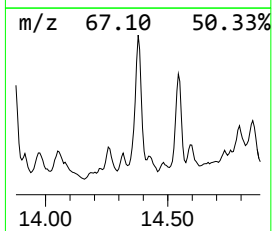
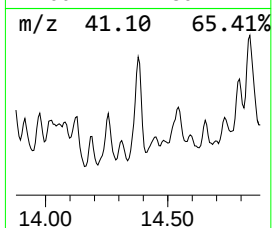
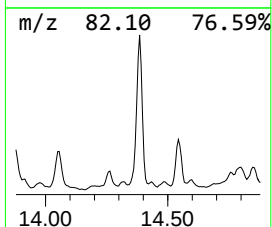
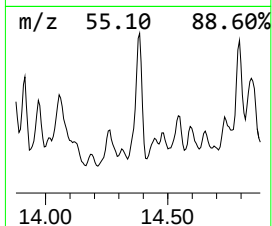
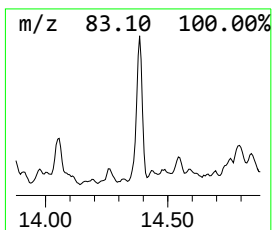
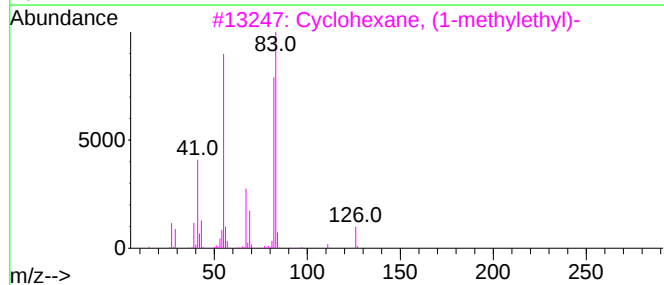
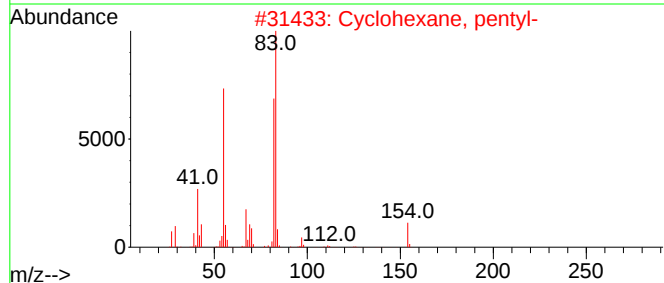
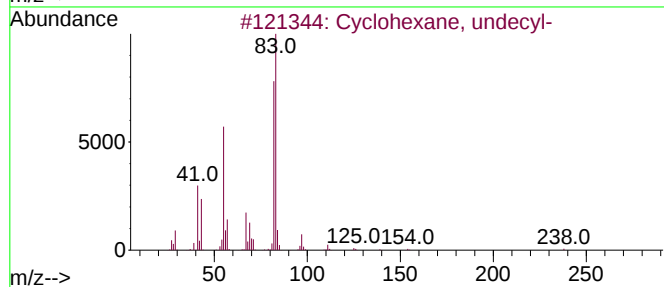
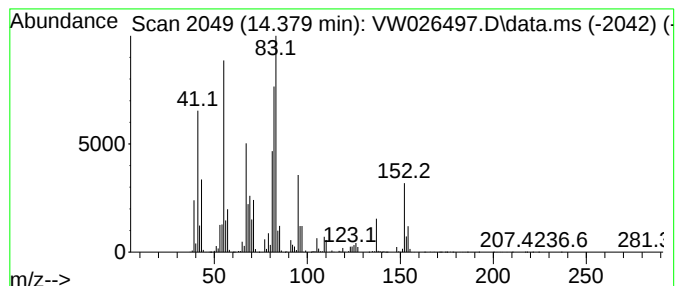
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Cyclic14.379 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	375.18 ug/L	4712720	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, undecyl-	238	C17H34	054105-66-7	50
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

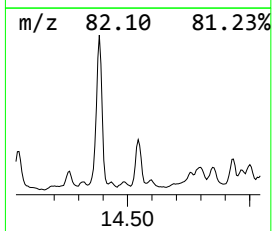
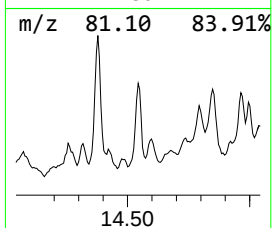
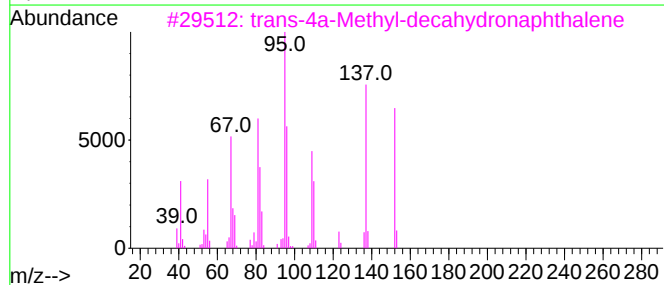
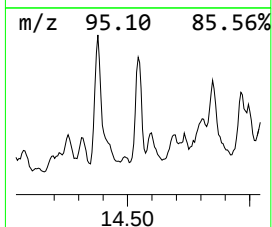
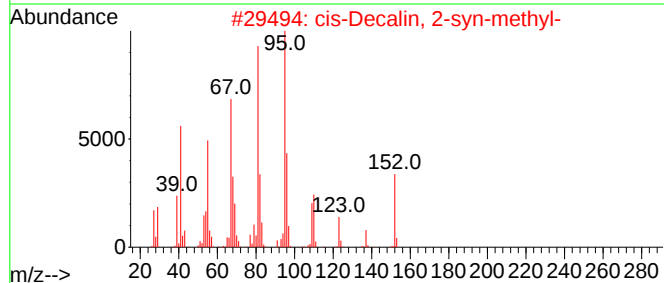
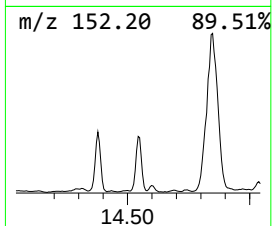
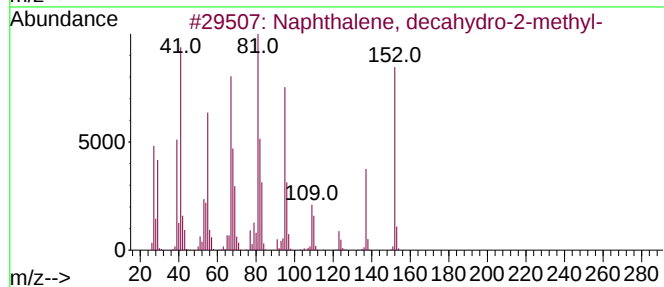
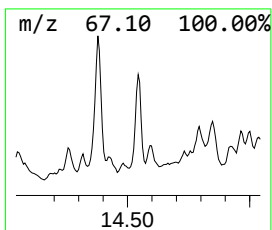
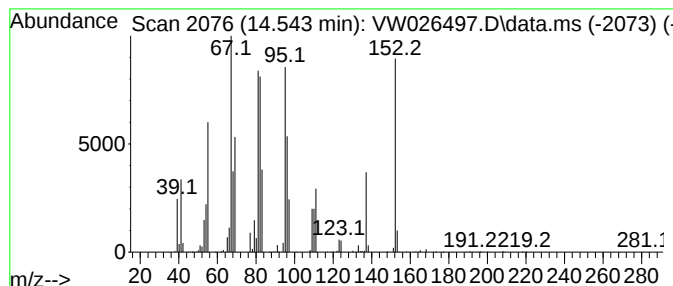
Instrument :
MSVOA_W
ClientSampleId :
A46Y0

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Naphthalene, decahydro-2-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.543	111.35 ug/L	1398660	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	76
2	cis-Decalin, 2-syn-methyl-		152	C11H20	1000155-85-6	76
3	trans-4a-Methyl-decahydronaphtha...		152	C11H20	002547-27-5	58
4	1H-Indene, octahydro-, cis-		124	C9H16	004551-51-3	55
5	1H-Indene, octahydro-		124	C9H16	000496-10-6	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

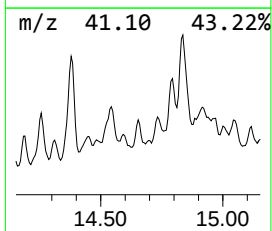
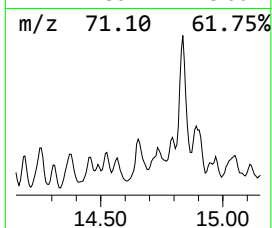
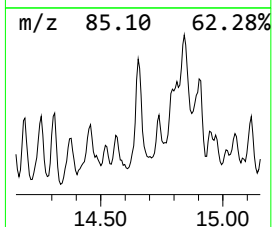
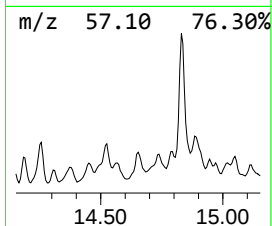
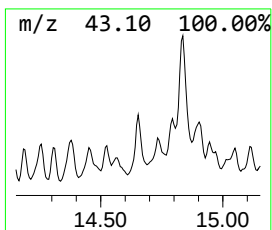
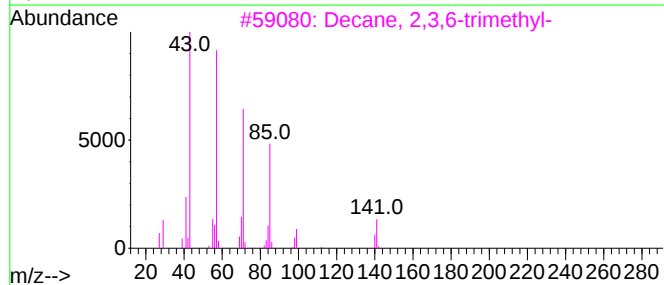
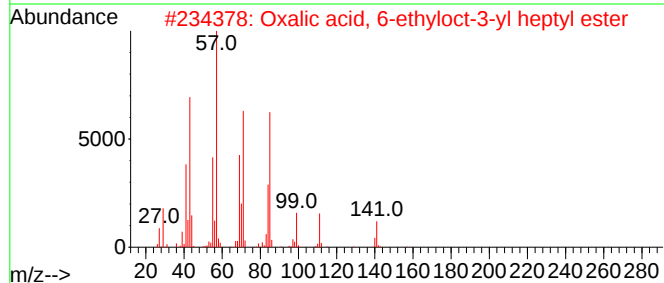
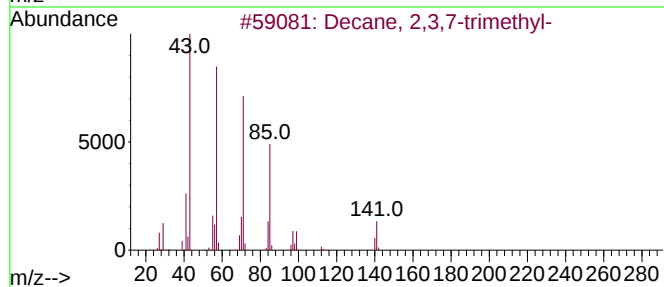
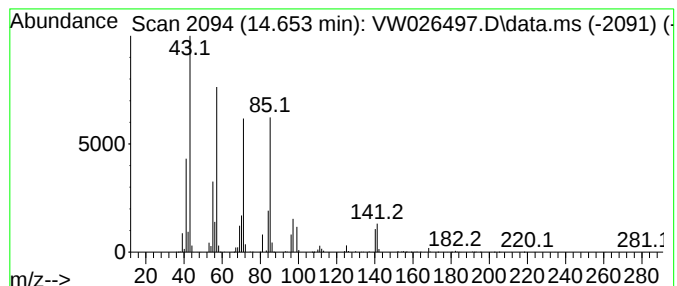
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	55.16 ug/L	692922	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	86
2			Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	80
3			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	64
4			9-methylheptadecane	254	C18H38	026741-18-4	64
5			1,3-Propanediol, decyl ethyl ether	244	C15H32O2	1000406-35-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

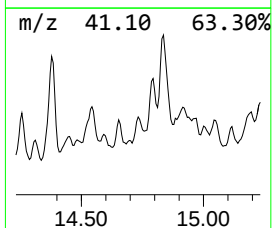
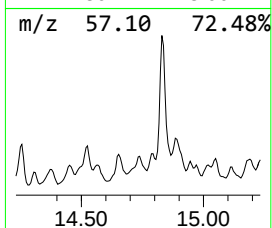
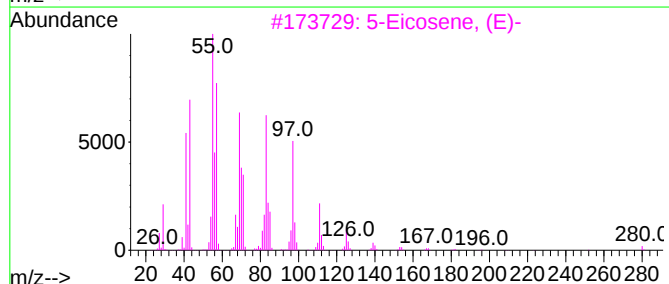
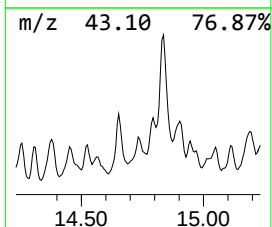
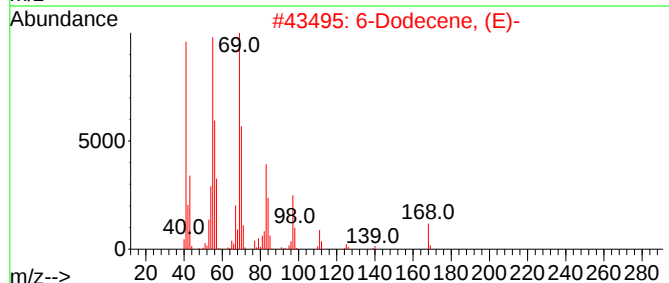
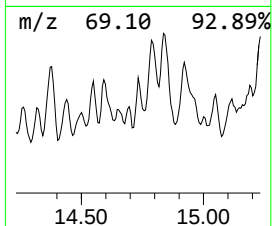
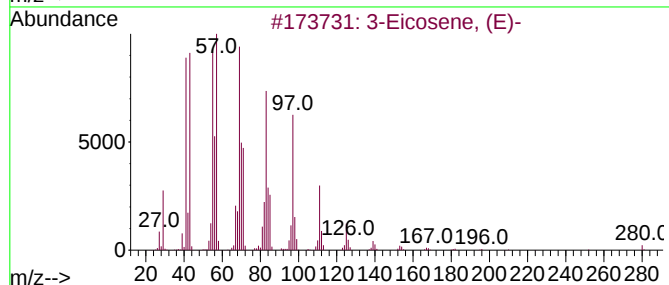
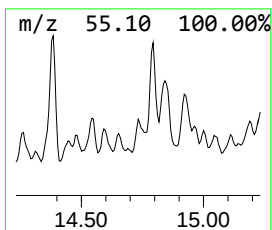
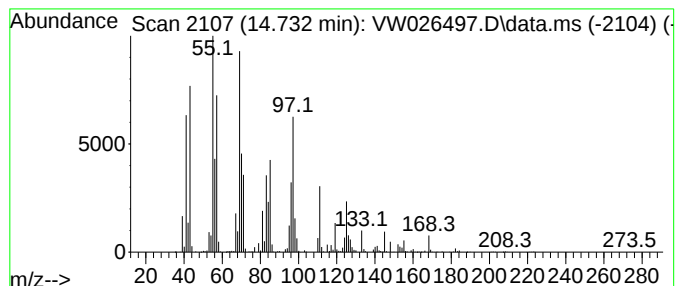
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	86.62 ug/L	1088060	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-		280	C20H40	074685-33-9	64
2	6-Dodecene, (E)-		168	C12H24	007206-17-9	55
3	5-Eicosene, (E)-		280	C20H40	074685-30-6	49
4	Cyclooctane, methyl-		126	C9H18	001502-38-1	49
5	5-Undecene, 4-methyl-		168	C12H24	143185-91-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

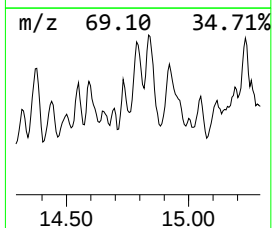
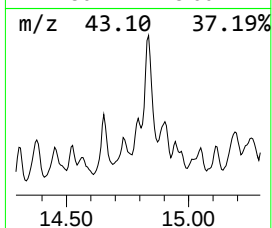
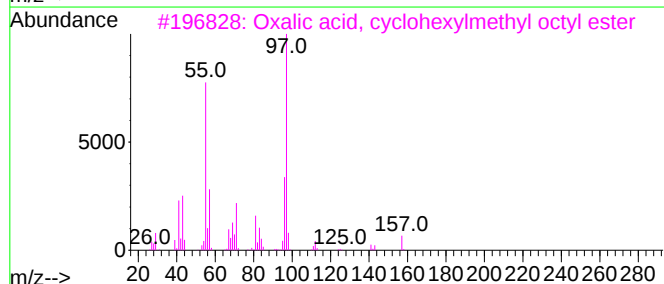
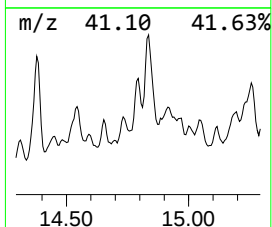
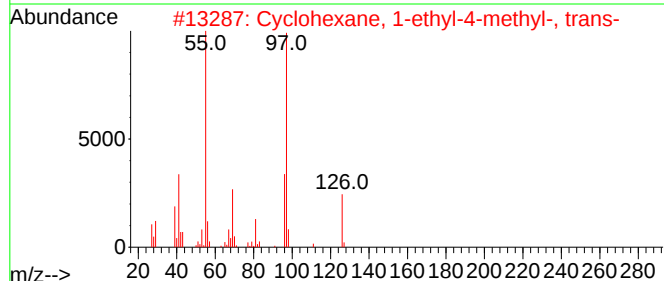
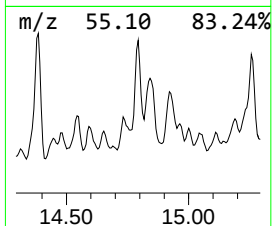
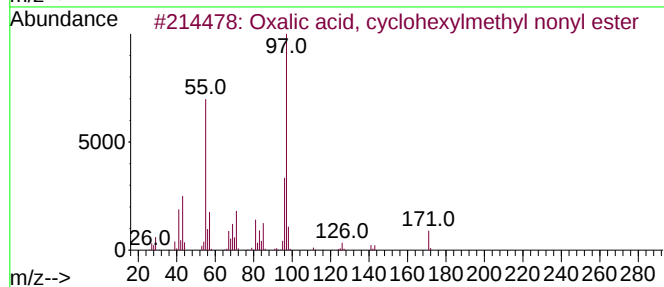
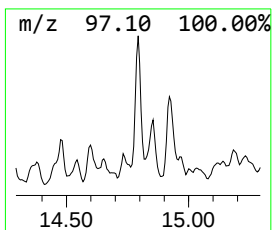
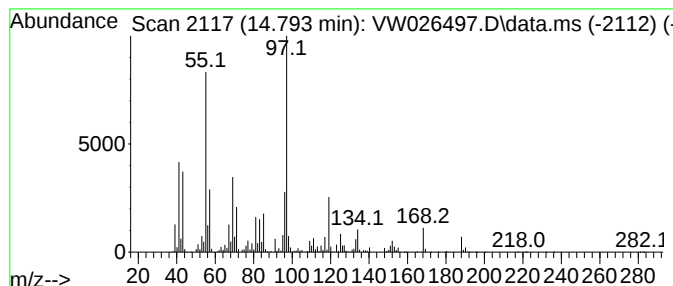
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Oxalic acid, cyclohexylmeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	216.37 ug/L	2717870	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	64
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	60
3			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	58
4			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	52
5			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

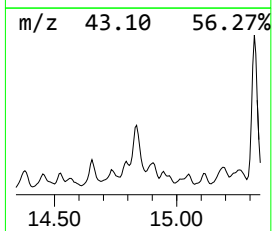
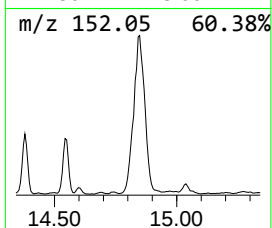
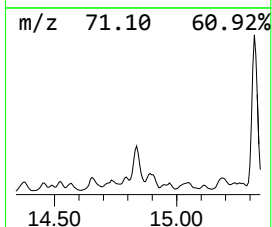
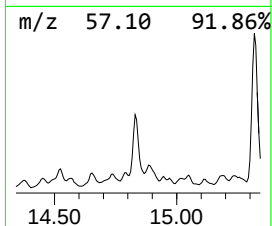
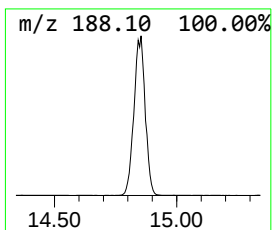
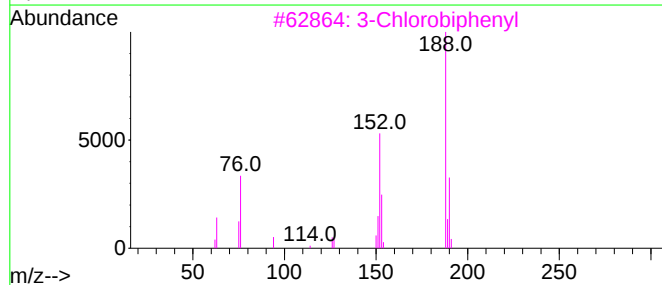
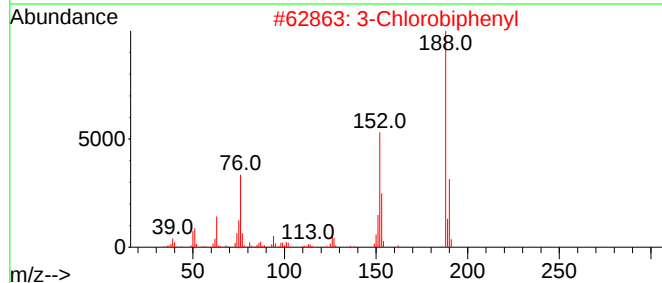
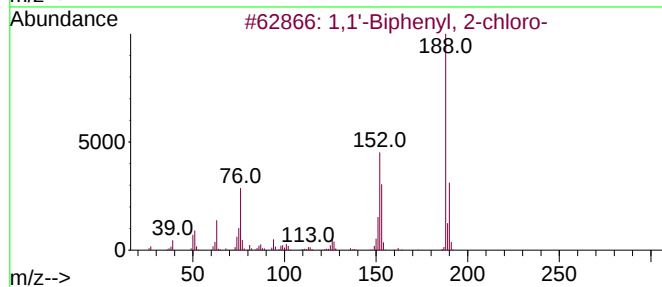
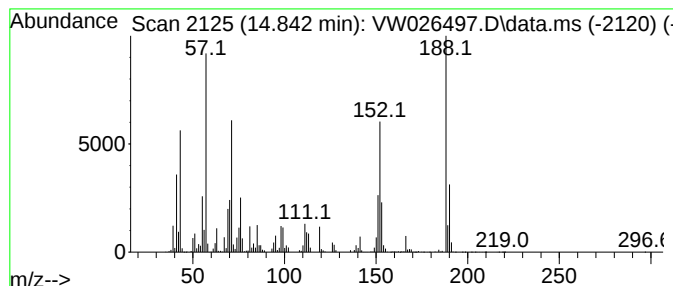
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 1,1'-Biphenyl, 2-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.842	689.38 ug/L	8659540	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	97
2	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	96
3	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	96
4	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	95
5	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

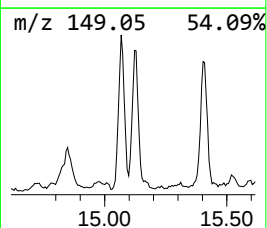
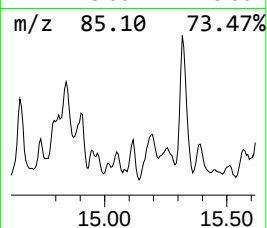
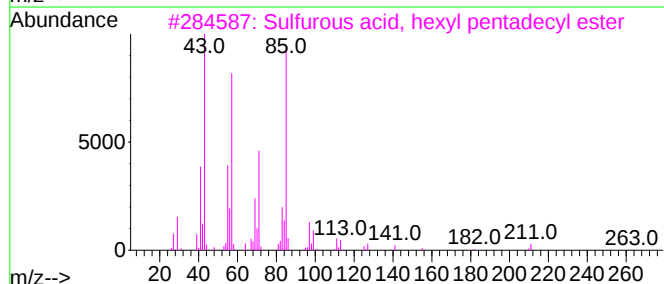
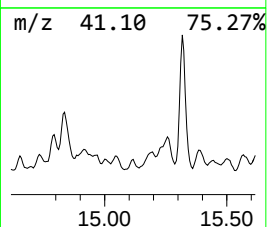
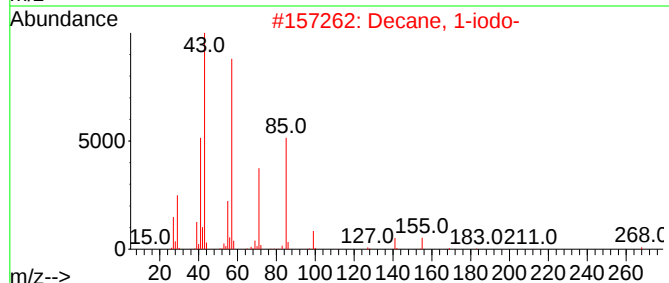
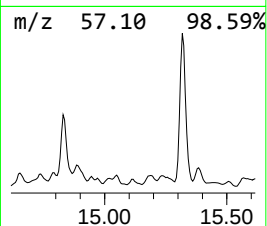
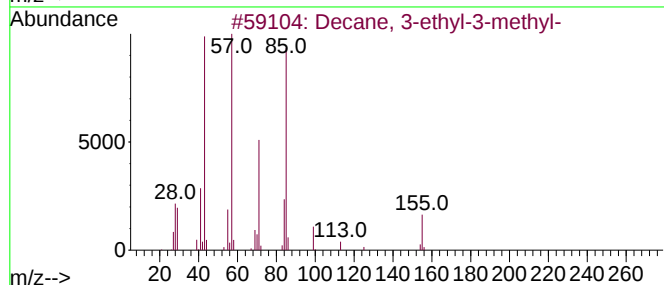
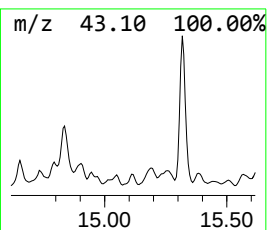
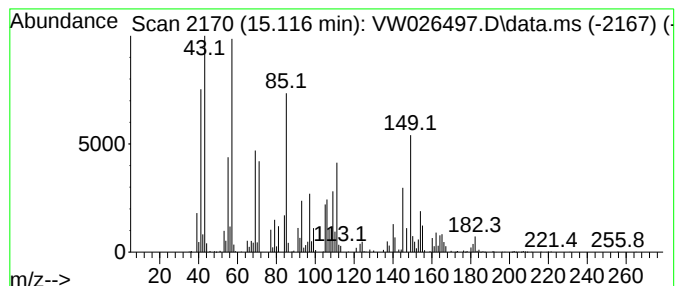
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.116	37.22 ug/L	467529	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	35
2			Decane, 1-iodo-	268	C10H21I	002050-77-3	27
3			Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	27
4			2H-Pyran-2-one, 4-hydroxy-3,6-di...	140	C7H8O3	005192-62-1	18
5			Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

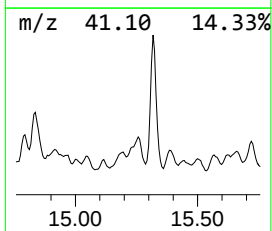
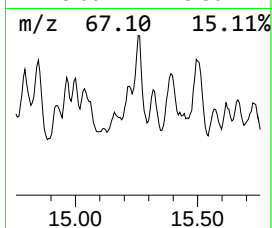
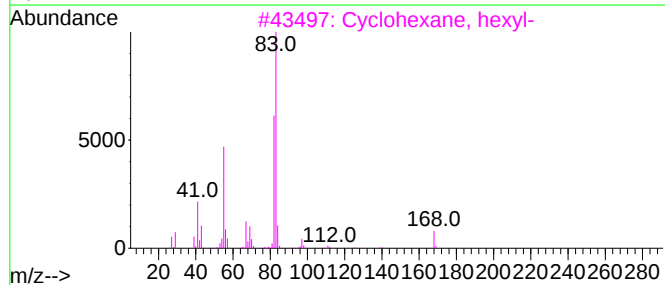
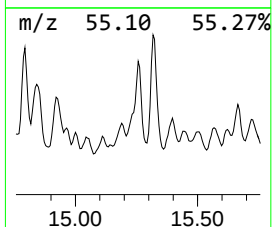
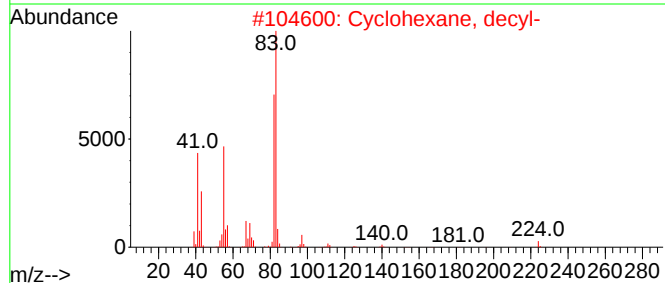
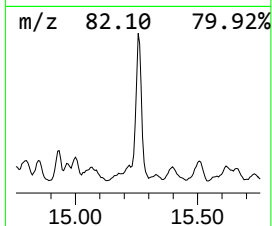
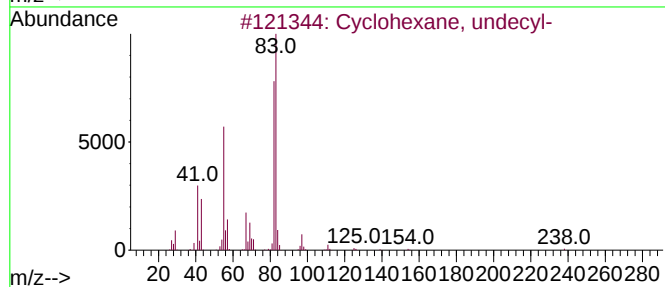
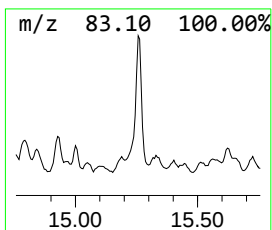
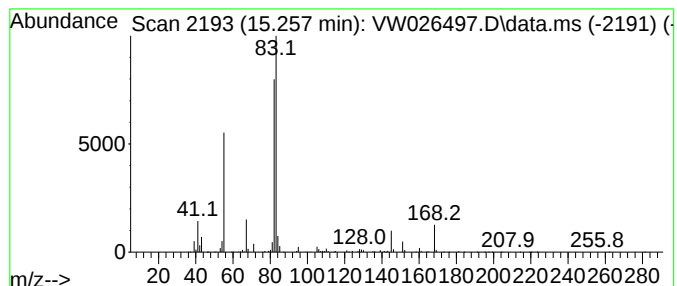
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Cyclic15.257 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	137.76 ug/L	1730430	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
2			Cyclohexane, decyl-	224	C16H32	001795-16-0	72
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	56
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

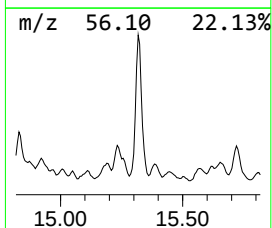
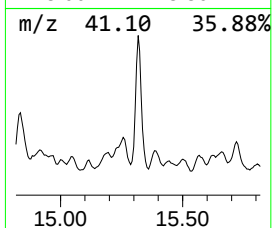
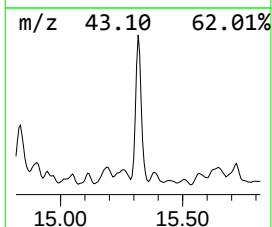
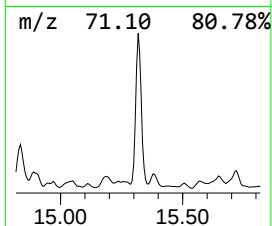
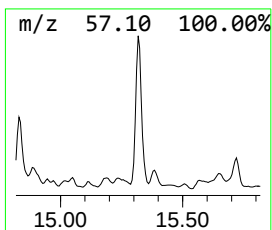
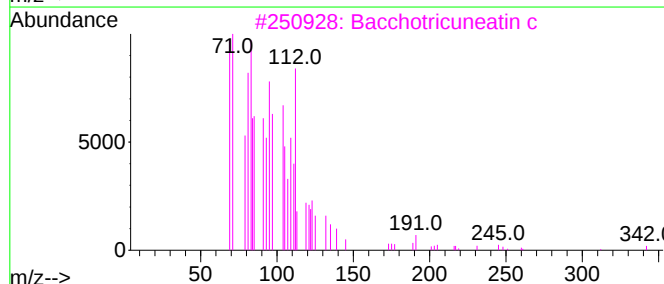
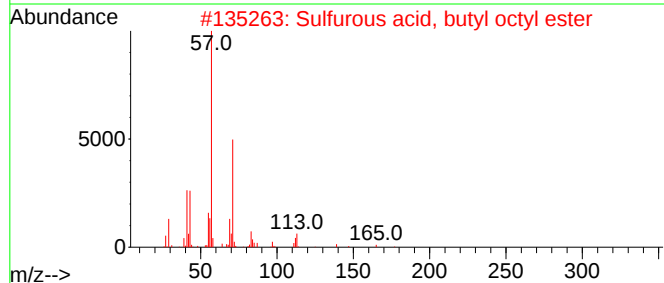
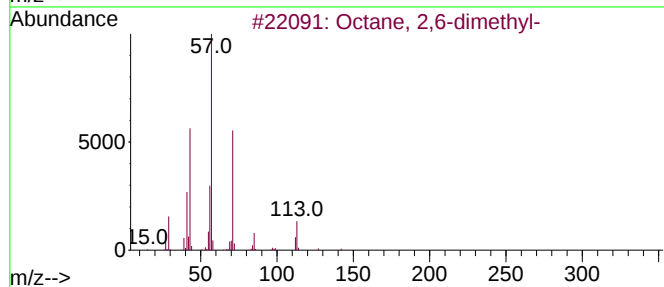
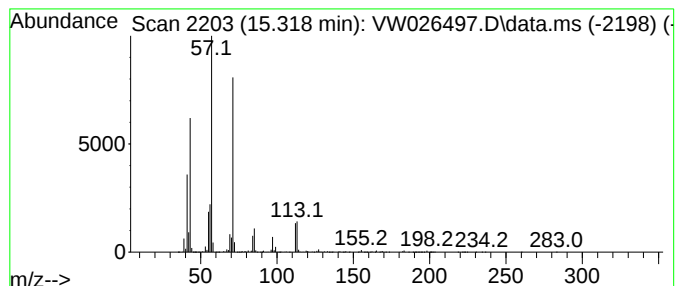
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	728.64 ug/L	9152660	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	78
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
4		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

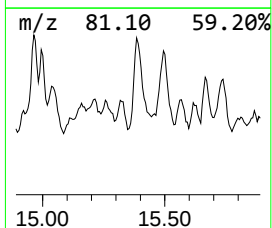
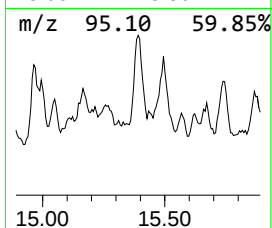
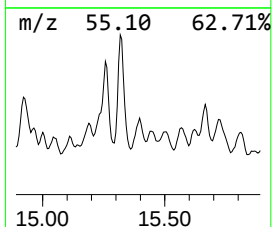
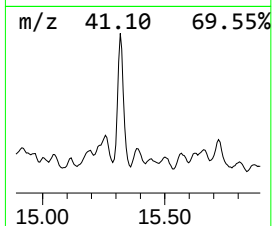
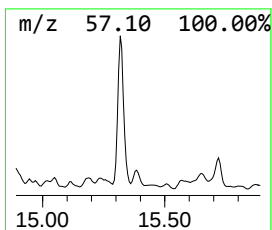
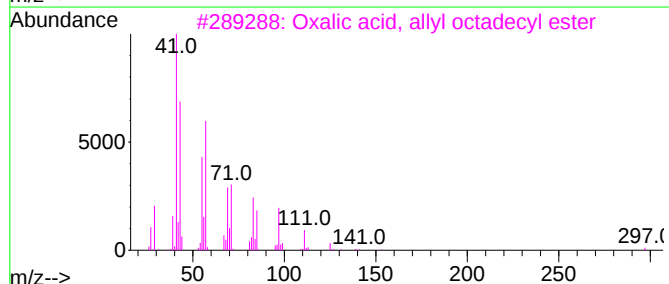
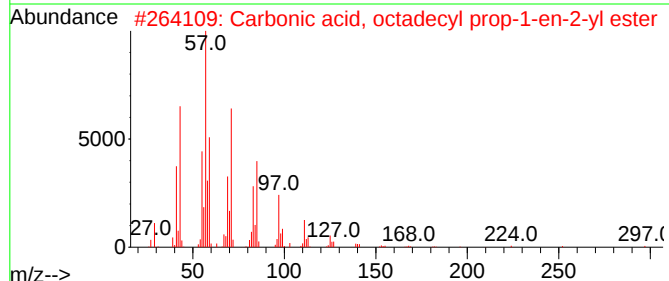
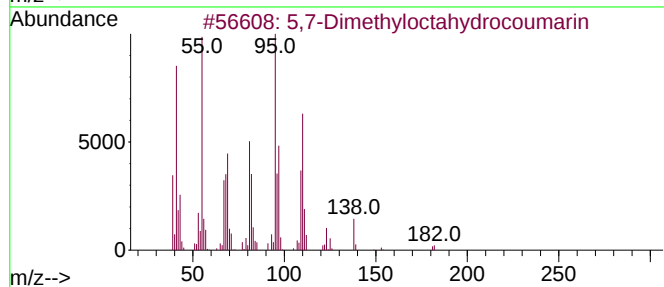
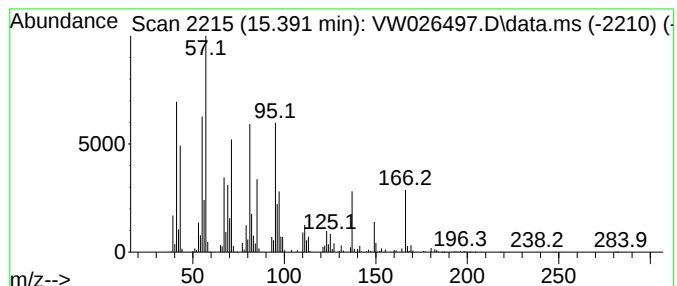
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	144.52 ug/L	1815340	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,7-Dimethyloctahydrocoumarin	182	C11H18O2	1000109-81-5	46
2			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	38
3			Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	38
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	38
5			Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

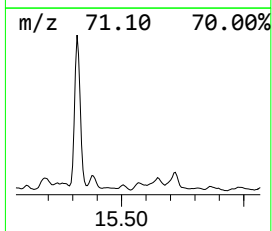
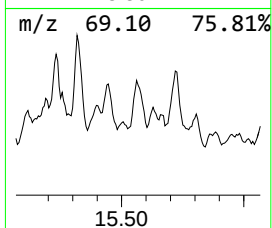
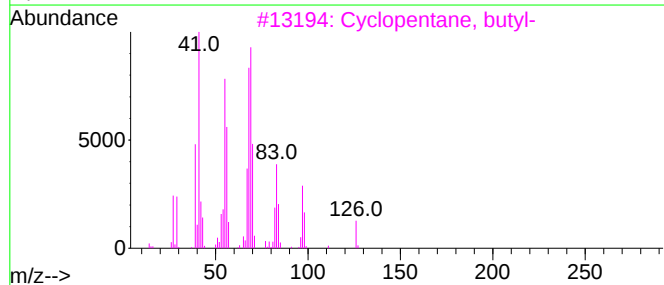
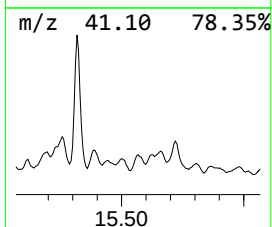
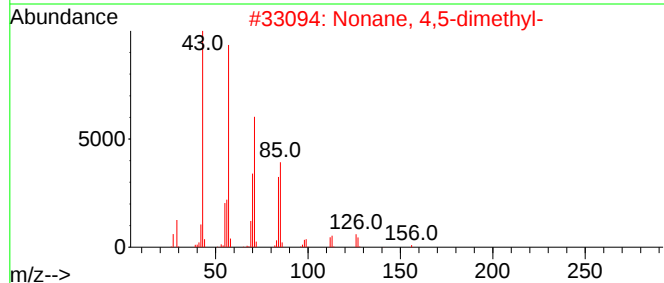
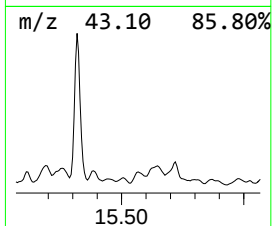
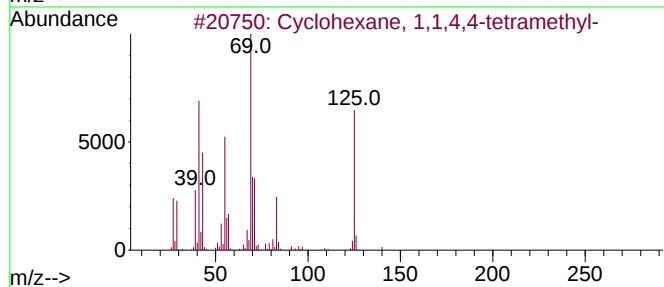
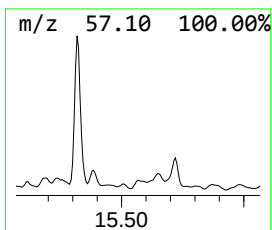
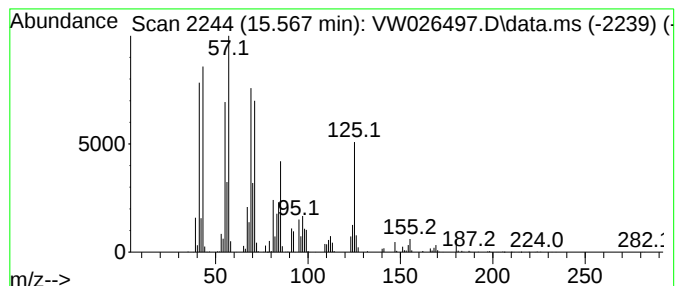
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Cyclic15.568 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.568	115.50 ug/L	1450790	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	43
2		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	38
3		Cyclopentane, butyl-	126	C9H18	002040-95-1	38
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	30
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

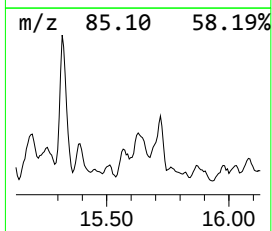
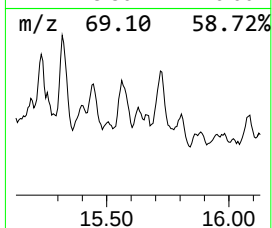
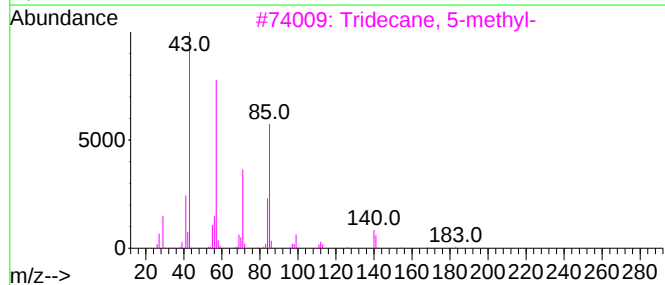
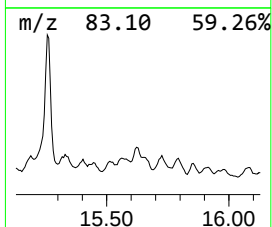
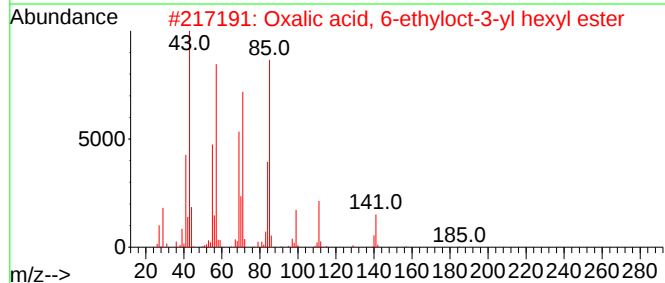
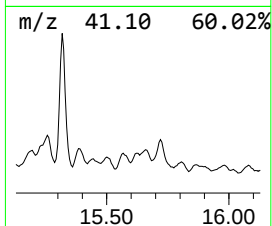
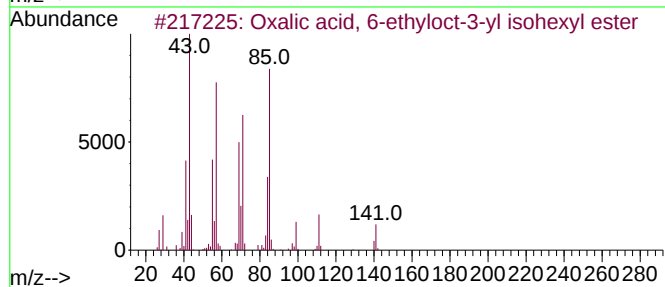
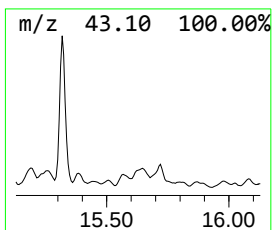
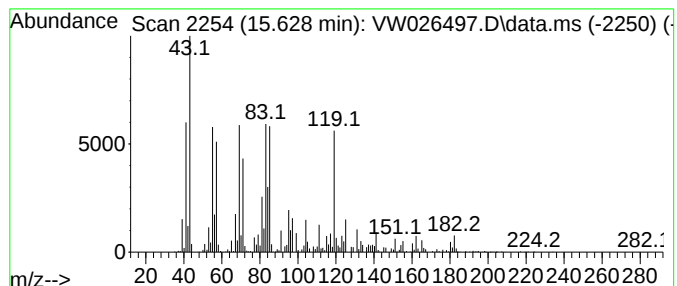
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TIC Integration Parameters: LSCINT.P

Peak Number 38 unknown-04

Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.629	54.28 ug/L	681857	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 6-ethyloct-3-yl iso...	314	C18H34O4	1000309-34-3	43
2			Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	43
3			Tridecane, 5-methyl-	198	C14H30	025117-31-1	41
4			Pinonic acid	184	C10H16O3	000473-72-3	30
5			Octane, 4-methyl-	128	C9H20	002216-34-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

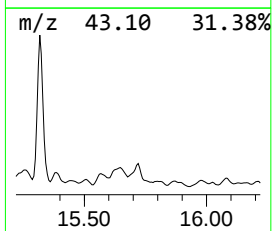
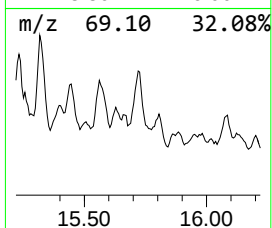
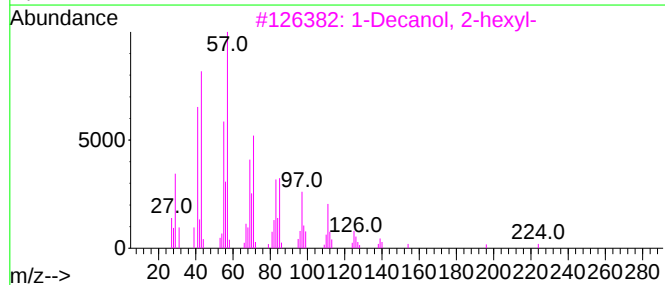
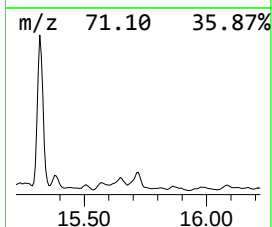
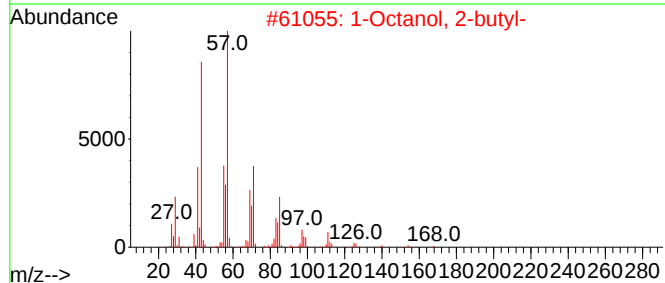
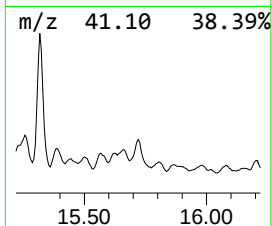
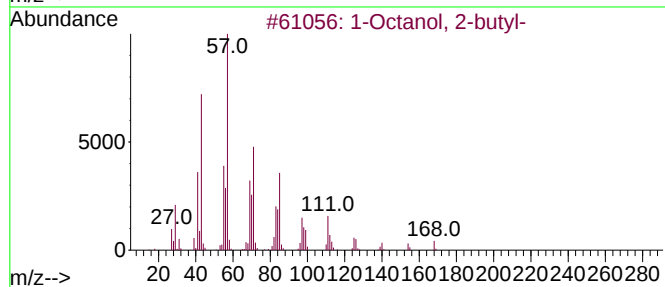
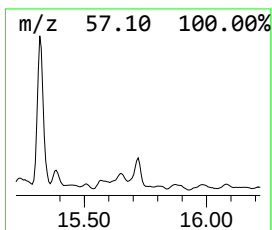
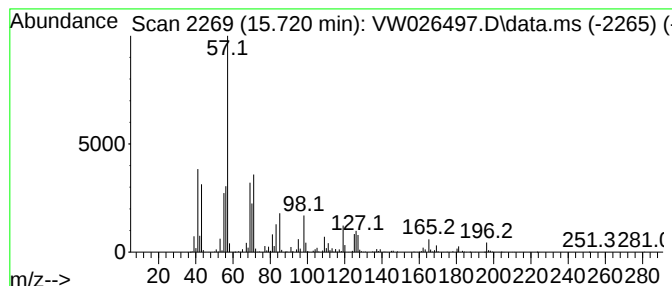
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 1-Octanol, 2-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	209.10 ug/L	2626630	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	59
2		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	53
3		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	50
4		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	50
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

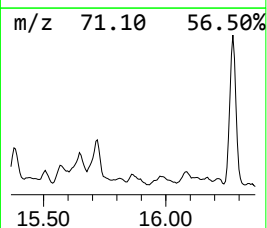
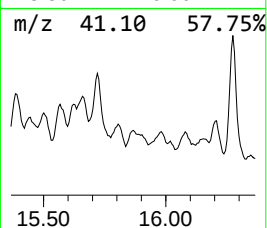
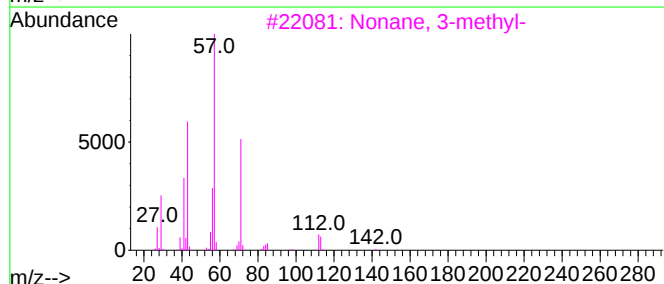
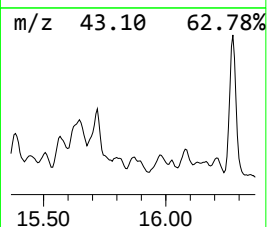
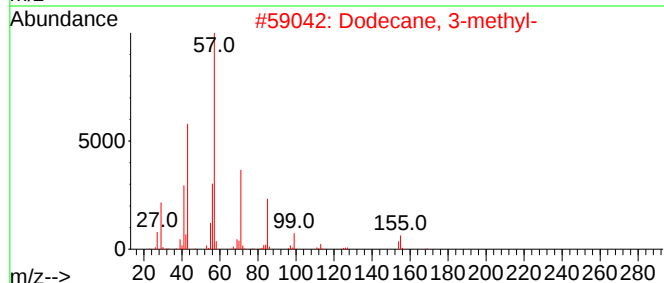
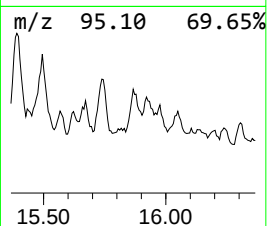
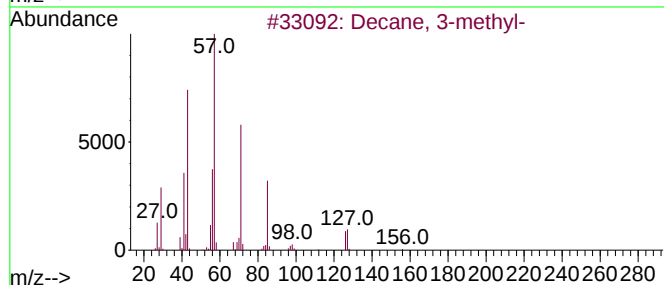
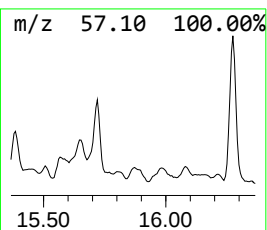
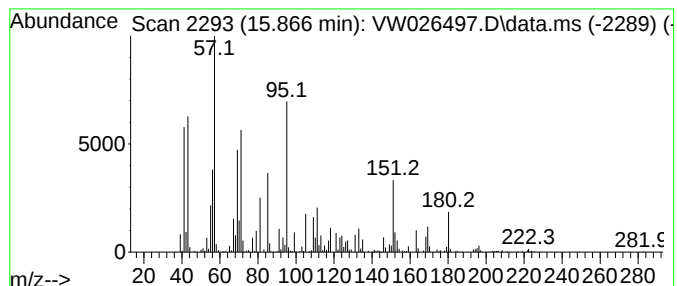
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.866	45.94 ug/L	577073	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	38
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	35
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	25
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	22
5			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

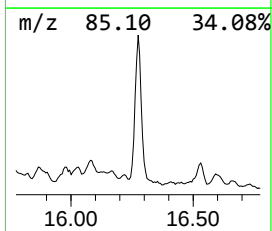
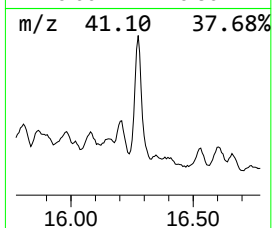
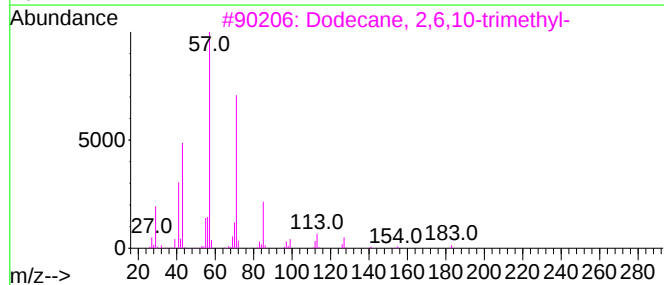
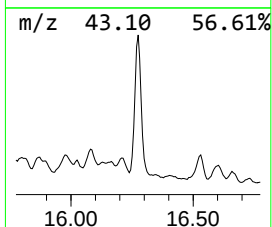
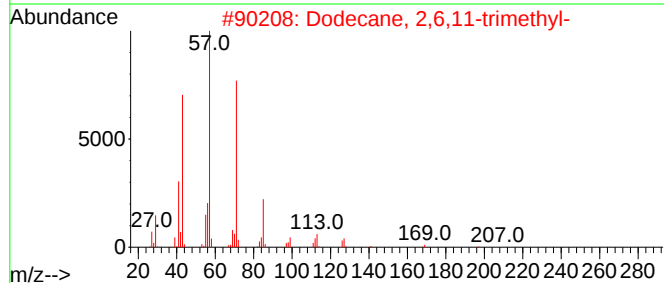
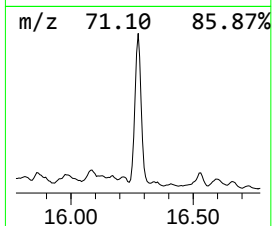
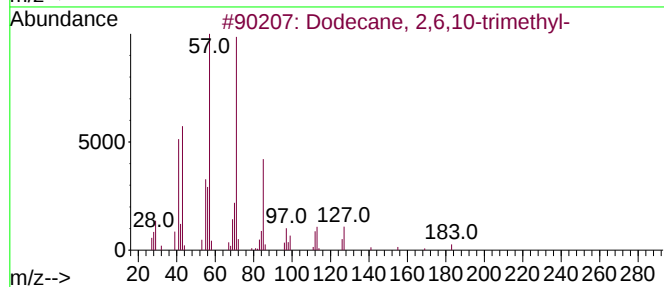
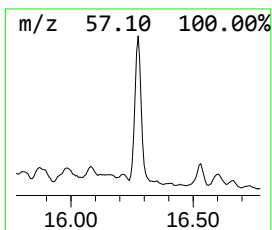
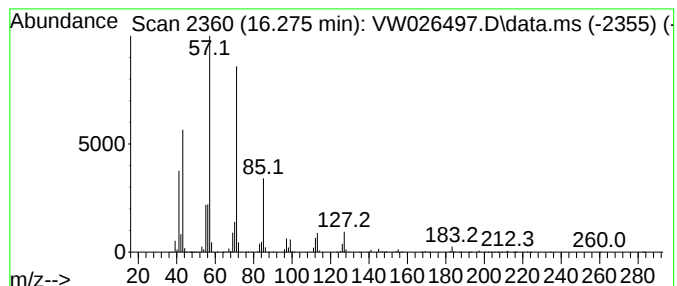
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	351.69 ug/L	4417630	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026497.D
Acq On : 01 Jul 2023 02:00
Operator : SY/MD
Sample : 03444-19
Misc : 4.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Y0

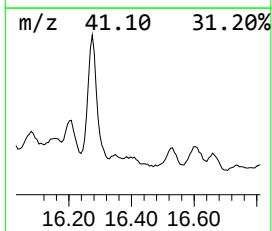
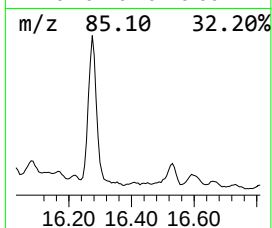
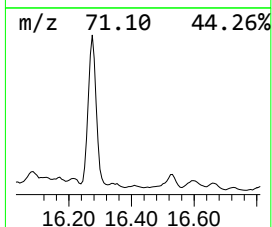
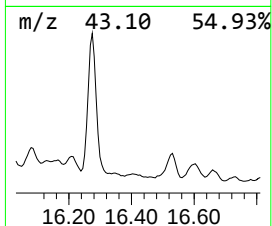
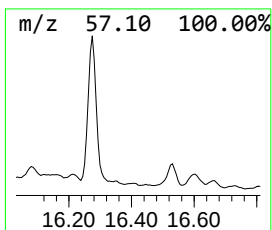
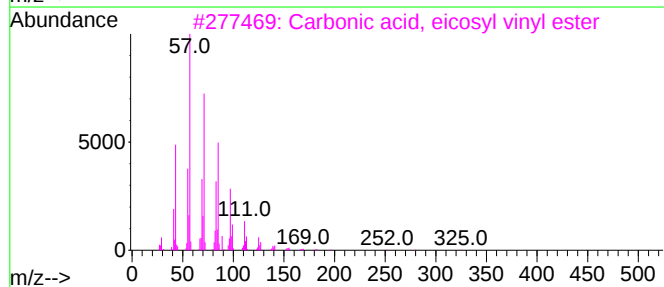
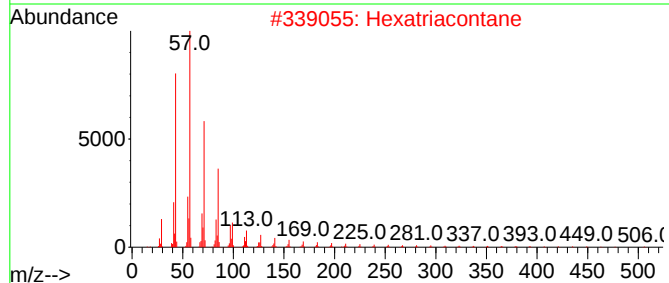
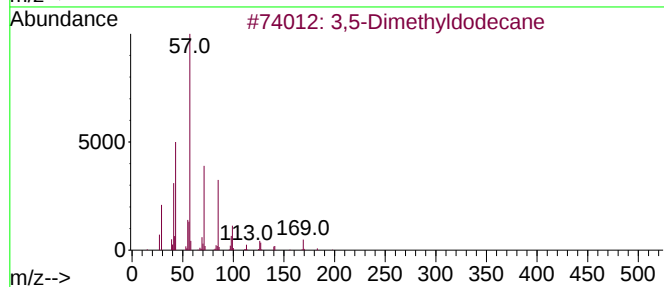
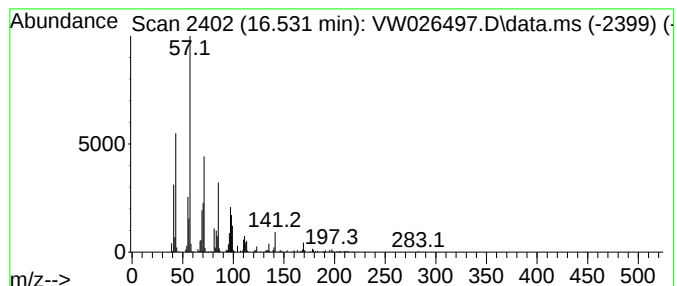
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.531	42.65 ug/L	535695	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
2		Hexatriacontane	507	C36H74	000630-06-8	50
3		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	50
4		Dodecane	170	C12H26	000112-40-3	50
5		Heptadecane	240	C17H36	000629-78-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026497.D
 Acq On : 01 Jul 2023 02:00
 Operator : SY/MD
 Sample : 03444-19
 Misc : 4.55g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46Y0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.003	3.1	ug/L	114451	1	8.843	925455	25.0
(DEL) Alkane: S...	9.959	2.2	ug/L	83063	1	8.843	925455	25.0
(DEL) Alkane: C...	11.227	3.0	ug/L	124333	2	11.629	1054340	25.0
(DEL) Alkane: S...	11.513	4.9	ug/L	206557	2	11.629	1054340	25.0
(DEL) Alkane: S...	12.062	2.7	ug/L	113872	2	11.629	1054340	25.0
(DEL) Alkane: S...	12.251	10.4	ug/L	437122	2	11.629	1054340	25.0
unknown-02	12.330	4.5	ug/L	187768	2	11.629	1054340	25.0
(DEL) Alkane: S...	12.361	16.0	ug/L	675740	2	11.629	1054340	25.0
Hexahydropyridi...	12.586	2.2	ug/L	92687	2	11.629	1054340	25.0
(DEL) Alkane: S...	12.775	31.4	ug/L	394766	3	13.556	314033	25.0
(DEL) Alkane: C...	12.855	34.8	ug/L	437297	3	13.556	314033	25.0
(DEL) Alkane: C...	12.940	114.0	ug/L	1432420	3	13.556	314033	25.0
(DEL) Alkane: S...	13.074	43.4	ug/L	545653	3	13.556	314033	25.0
(DEL) Alkane: S...	13.123	42.8	ug/L	537253	3	13.556	314033	25.0
(DEL) Alkane: S...	13.159	54.6	ug/L	685394	3	13.556	314033	25.0
(DEL) Alkane: S...	13.336	55.4	ug/L	695821	3	13.556	314033	25.0
(DEL) Alkane: C...	13.446	174.2	ug/L	2187730	3	13.556	314033	25.0
(DEL) Alkane: S...	13.483	52.5	ug/L	659215	3	13.556	314033	25.0
(DEL) Alkane: C...	13.696	112.6	ug/L	1413870	3	13.556	314033	25.0
(DEL) Alkane: C...	13.915	78.4	ug/L	985099	3	13.556	314033	25.0
(DEL) Alkane: C...	13.976	92.2	ug/L	1157640	3	13.556	314033	25.0
(DEL) Alkane: S...	14.019	66.0	ug/L	828655	3	13.556	314033	25.0
(DEL) Alkane: S...	14.190	90.2	ug/L	1132820	3	13.556	314033	25.0
(DEL) Alkane: S...	14.257	129.5	ug/L	1627180	3	13.556	314033	25.0
(DEL) Alkane: S...	14.312	44.8	ug/L	562809	3	13.556	314033	25.0
(DEL) Alkane: C...	14.379	375.2	ug/L	4712720	3	13.556	314033	25.0
Naphthalene, de...	14.543	111.3	ug/L	1398660	3	13.556	314033	25.0
(DEL) Alkane: S...	14.653	55.2	ug/L	692922	3	13.556	314033	25.0
(DEL) Alkane: S...	14.732	86.6	ug/L	1088060	3	13.556	314033	25.0
Oxalic acid, cy...	14.793	216.4	ug/L	2717870	3	13.556	314033	25.0
1,1'-Biphenyl, ...	14.842	689.4	ug/L	8659540	3	13.556	314033	25.0
(DEL) Alkane: S...	15.116	37.2	ug/L	467529	3	13.556	314033	25.0
(DEL) Alkane: C...	15.257	137.8	ug/L	1730430	3	13.556	314033	25.0
(DEL) Alkane: S...	15.318	728.6	ug/L	9152660	3	13.556	314033	25.0
unknown-03	15.391	144.5	ug/L	1815340	3	13.556	314033	25.0
(DEL) Alkane: C...	15.568	115.5	ug/L	1450790	3	13.556	314033	25.0
unknown-04	15.629	54.3	ug/L	681857	3	13.556	314033	25.0
1-Octanol, 2-bu...	15.720	209.1	ug/L	2626630	3	13.556	314033	25.0
(DEL) Alkane: S...	15.866	45.9	ug/L	577073	3	13.556	314033	25.0
(DEL) Alkane: S...	16.275	351.7	ug/L	4417630	3	13.556	314033	25.0
(DEL) Alkane: S...	16.531	42.6	ug/L	535695	3	13.556	314033	25.0