

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
 Data File : VW026547.D
 Acq On : 06 Jul 2023 17:18
 Operator : SY/MD
 Sample : 03534-18
 Misc : 4.77g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4736

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\SFAMWLM070323SMA.M
 Title : SFAM01.0

Signal : TIC: VW026547.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.168	45	46	47	rBV	2432	1495	0.04%	0.005%
2	2.229	50	56	57	rBV6	6498	10955	0.33%	0.037%
3	2.363	71	78	92	rBV	82347	283137	8.48%	0.952%
4	2.893	157	165	178	rBV	98312	294513	8.82%	0.990%
5	3.283	226	229	235	rBV7	672	1376	0.04%	0.005%
6	3.387	239	246	250	rBV4	5750	12271	0.37%	0.041%
7	3.485	259	262	264	rVB4	1683	1890	0.06%	0.006%
8	3.527	267	269	272	rBV4	1518	1513	0.05%	0.005%
9	3.564	272	275	278	rVB5	1246	1519	0.05%	0.005%
10	3.674	289	293	295	rBV5	1925	3165	0.09%	0.011%
11	3.716	298	300	305	rVB6	1492	1854	0.06%	0.006%
12	3.753	305	306	310	rVB4	1204	1298	0.04%	0.004%
13	3.844	319	321	326	rBV4	1817	2496	0.07%	0.008%
14	4.021	338	350	360	rBV	242049	864754	25.90%	2.906%
15	4.119	360	366	382	rVB	111388	319874	9.58%	1.075%
16	4.393	401	411	420	rVB	11962	38876	1.16%	0.131%
17	4.576	437	441	442	rVB3	1367	1225	0.04%	0.004%
18	4.667	452	456	457	rBV4	1691	2557	0.08%	0.009%
19	4.734	465	467	470	rBV4	1375	1887	0.06%	0.006%
20	4.923	485	498	504	rBV3	16864	62029	1.86%	0.208%
21	5.088	522	525	527	rBV4	977	1367	0.04%	0.005%
22	5.125	529	531	533	rVV3	1113	1329	0.04%	0.004%
23	5.356	565	569	570	rBV4	890	1197	0.04%	0.004%
24	5.423	575	580	581	rBV5	1542	2348	0.07%	0.008%
25	5.448	583	584	590	rVB6	2056	2480	0.07%	0.008%
26	5.545	596	600	601	rBV3	1290	1327	0.04%	0.004%
27	5.570	601	604	607	rVB5	1055	1209	0.04%	0.004%
28	5.637	613	615	617	rBV3	1351	1700	0.05%	0.006%
29	5.777	635	638	641	rBV4	1779	2598	0.08%	0.009%
30	5.935	658	664	665	rBV5	4007	6343	0.19%	0.021%
31	6.045	681	682	688	rVB5	1755	2993	0.09%	0.010%
32	6.112	688	693	694	rBV5	1402	2283	0.07%	0.008%
33	6.539	760	763	765	rBV4	1247	1685	0.05%	0.006%
34	6.697	785	789	790	rBV4	1840	2245	0.07%	0.008%
35	6.758	796	799	801	rVB4	1439	1487	0.04%	0.005%
36	6.838	808	812	813	rBV4	1619	1765	0.05%	0.006%

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37	6.862	813	816	817	rBV3	2139	2152	0.06%	0.007%
38	6.874	817	818	829	rVB10	4430	8082	0.24%	0.027%
39	6.990	829	837	838	rBV7	2420	5653	0.17%	0.019%
40	7.081	842	852	859	rBV	123924	368570	11.04%	1.239%
41	7.173	860	867	879	rVV2	60243	212270	6.36%	0.713%
42	7.313	888	890	893	rBV4	1072	1207	0.04%	0.004%
43	7.368	897	899	902	rVB4	1271	1370	0.04%	0.005%
44	7.417	904	907	910	rBV5	1398	2042	0.06%	0.007%
45	7.459	912	914	919	rBV6	959	1424	0.04%	0.005%
46	7.502	919	921	928	rBV7	2254	3923	0.12%	0.013%
47	7.648	936	945	956	rBV	547585	1338979	40.11%	4.500%
48	7.892	984	985	988	rBV3	1884	1398	0.04%	0.005%
49	7.941	988	993	995	rBV6	2228	4333	0.13%	0.015%
50	8.033	1001	1008	1019	rBV3	13325	35927	1.08%	0.121%
51	8.154	1026	1028	1032	rVB5	1861	2356	0.07%	0.008%
52	8.276	1032	1048	1066	rBV2	1122746	3338199	100.00%	11.219%
53	8.398	1066	1068	1070	rBV3	1916	1989	0.06%	0.007%
54	8.471	1077	1080	1082	rBV4	3204	4166	0.12%	0.014%
55	8.496	1082	1084	1090	rVB7	4341	6953	0.21%	0.023%
56	8.575	1090	1097	1104	rBV10	5693	16041	0.48%	0.054%
57	8.703	1112	1118	1123	rBV6	5994	12264	0.37%	0.041%
58	8.843	1131	1141	1151	rBV	1456933	2872563	86.05%	9.654%
59	8.990	1163	1165	1167	rBV3	1871	1515	0.05%	0.005%
60	9.075	1169	1179	1185	rBV3	9107	25343	0.76%	0.085%
61	9.203	1198	1200	1201	rBV2	2086	1424	0.04%	0.005%
62	9.276	1203	1212	1228	rVV	784095	1670723	50.05%	5.615%
63	9.605	1261	1266	1272	rVB2	20016	37698	1.13%	0.127%
64	9.752	1285	1290	1296	rVV2	25605	47556	1.42%	0.160%
65	9.825	1300	1302	1304	rBV3	2894	2405	0.07%	0.008%
66	9.892	1309	1313	1318	rVV2	13345	20930	0.63%	0.070%
67	10.038	1329	1337	1343	rBV	384084	721569	21.62%	2.425%
68	10.319	1376	1383	1392	rBV	1455042	2638557	79.04%	8.868%
69	10.508	1407	1414	1419	rBV8	11236	24866	0.74%	0.084%
70	10.575	1419	1425	1431	rBV	237098	427783	12.81%	1.438%
71	10.660	1435	1439	1443	rBV4	23461	42673	1.28%	0.143%
72	10.922	1476	1482	1492	rBV	467326	827861	24.80%	2.782%
73	11.282	1538	1541	1545	rBV6	16057	22576	0.68%	0.076%
74	11.434	1561	1566	1573	rBV3	36142	69056	2.07%	0.232%
75	11.629	1591	1598	1607	rBV	1756435	2955892	88.55%	9.935%
76	11.709	1608	1611	1617	rVB2	29371	47560	1.42%	0.160%

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77	11.825	1626	1630	1634	rBV6	16040	36366	1.09%	0.122%
78	12.337	1710	1714	1723	rVB5	63036	141204	4.23%	0.475%
79	12.562	1742	1751	1754	rBV5	84728	255805	7.66%	0.860%
80	12.690	1766	1772	1779	rBV	604822	1055248	31.61%	3.547%
81	12.776	1783	1786	1792	rVB3	93762	160579	4.81%	0.540%
82	12.861	1795	1800	1804	rBV4	55802	135017	4.04%	0.454%
83	12.922	1806	1810	1814	rBV3	114828	226727	6.79%	0.762%
84	13.166	1846	1850	1862	rVB6	101665	277118	8.30%	0.931%
85	13.294	1867	1871	1875	rVV	97128	151073	4.53%	0.508%
86	13.336	1876	1878	1882	rVB3	56331	68069	2.04%	0.229%
87	13.477	1898	1901	1907	rBV6	62314	122280	3.66%	0.411%
88	13.556	1908	1914	1920	rBV	1309857	2068083	61.95%	6.951%
89	13.855	1956	1963	1972	rBV	915056	2015750	60.38%	6.775%
90	14.019	1987	1990	1994	rBV3	76666	142345	4.26%	0.478%
91	14.190	2014	2018	2022	rBV5	89854	145466	4.36%	0.489%
92	14.257	2026	2029	2035	rVB2	151691	250358	7.50%	0.841%
93	14.318	2036	2039	2044	rBV4	64540	113979	3.41%	0.383%
94	14.379	2045	2049	2053	rVV2	195984	271553	8.13%	0.913%
95	14.495	2064	2068	2071	rBV4	154822	298704	8.95%	1.004%
96	14.793	2114	2117	2120	rBV3	101308	174527	5.23%	0.587%
97	14.836	2120	2124	2130	rVB2	297469	563331	16.88%	1.893%
98	15.324	2200	2204	2210	rVB2	267337	511113	15.31%	1.718%
99	15.391	2210	2215	2220	rBV4	177457	371219	11.12%	1.248%
100	16.281	2357	2361	2369	rVB5	179476	426996	12.79%	1.435%

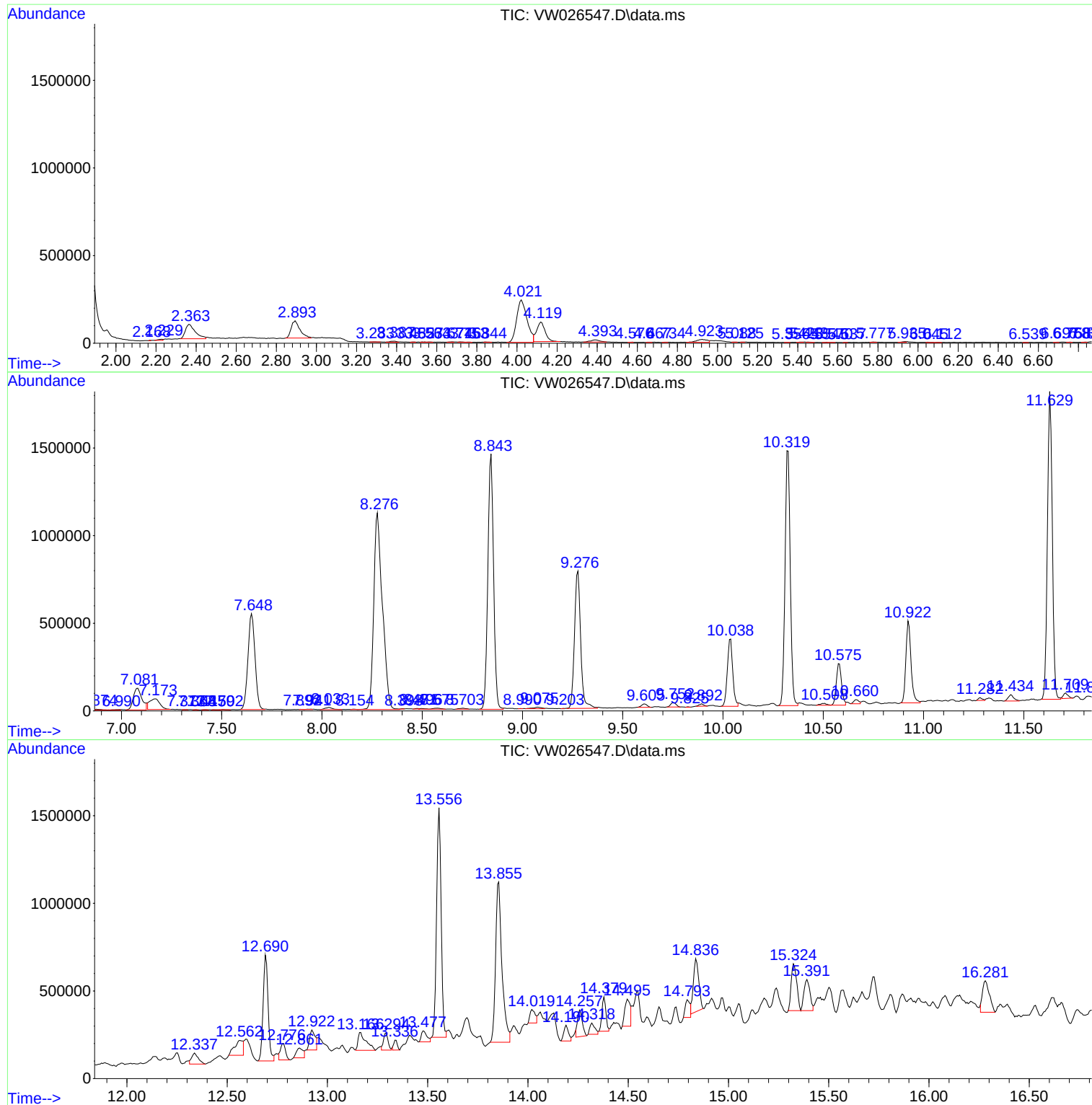
Sum of corrected areas: 29753798

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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



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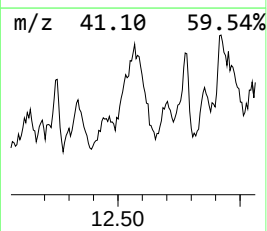
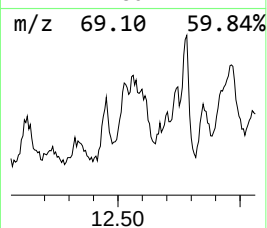
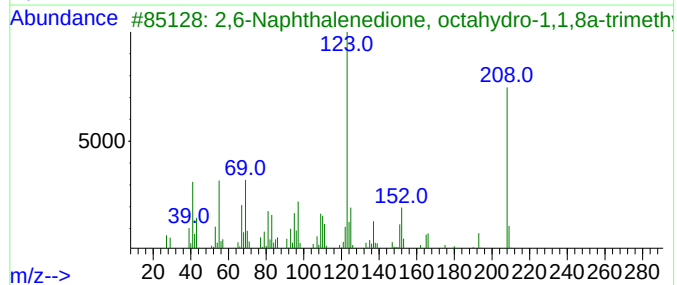
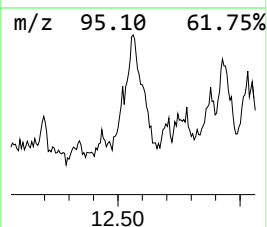
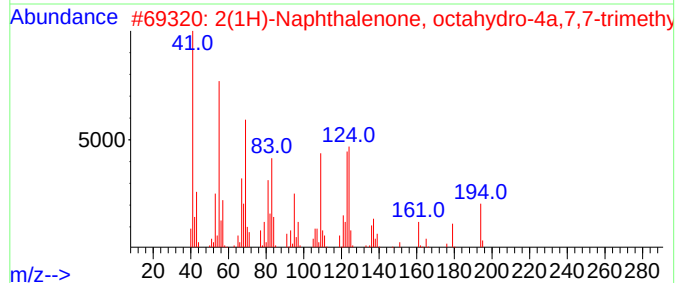
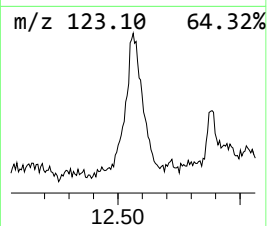
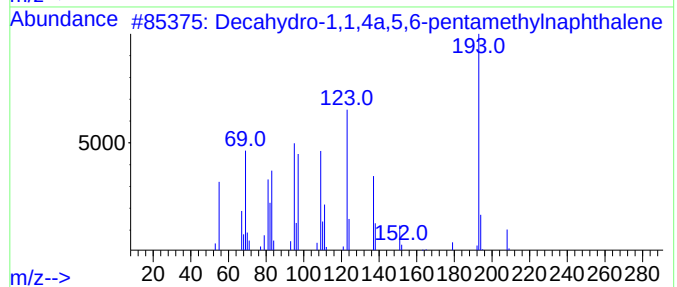
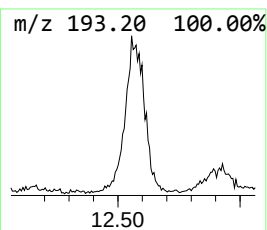
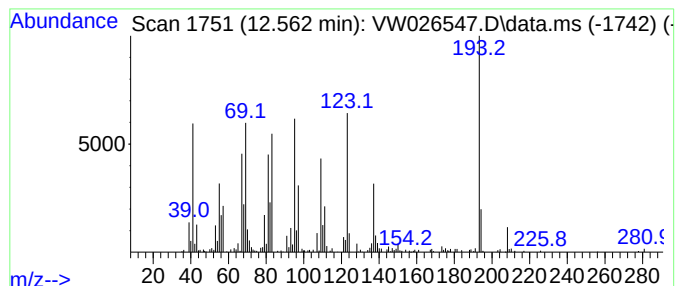
Instrument :
MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.562	2.16 ug/L	255805	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...		208	C15H28	080655-44-3	87
2	2(1H)-Naphthalenone, octahydro-4...		194	C13H22O	007056-56-6	46
3	2,6-Naphthalenedione, octahydro-...		208	C13H20O2	057289-17-5	38
4	Butanamide, N-(4-methoxyphenyl)-		193	C11H15NO2	1000306-91-5	27
5	9-Phenanthrenamine		193	C14H11N	000947-73-9	27



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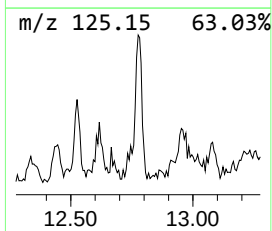
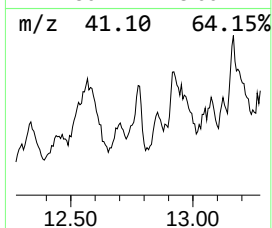
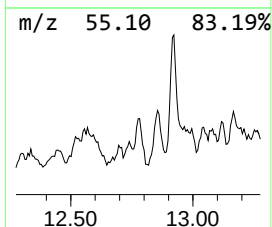
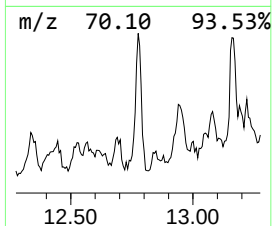
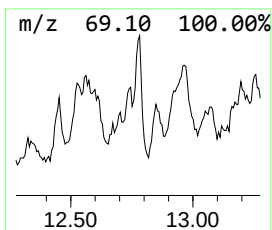
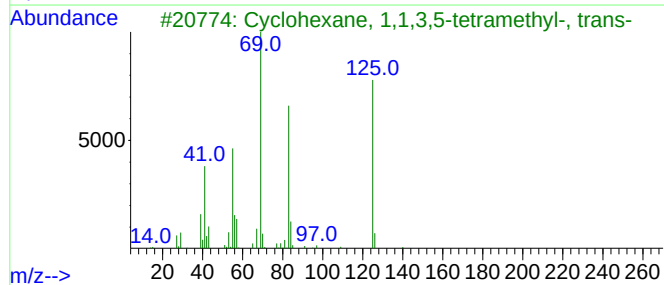
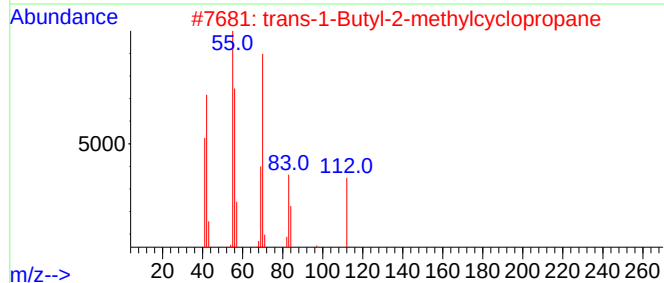
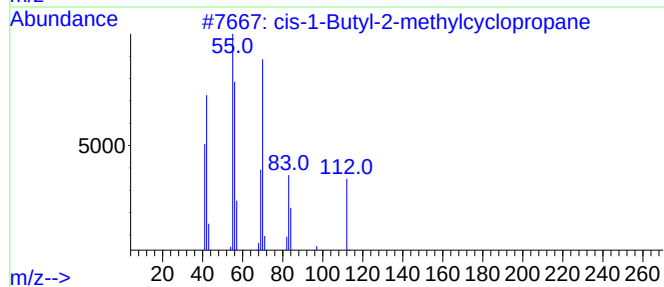
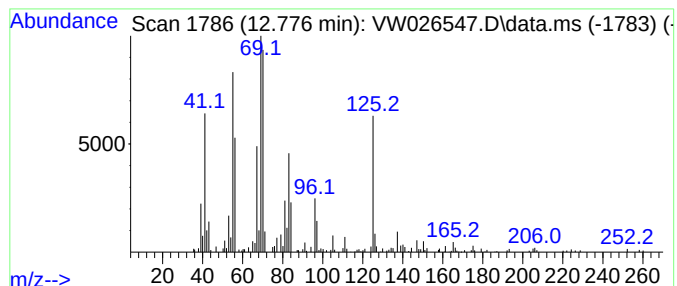
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic12.776 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.776	1.94 ug/L	160579	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	43
2			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	43
3			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
4			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38
5			Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	38



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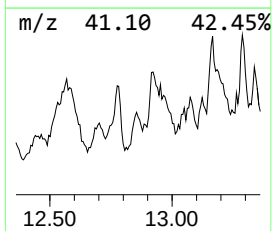
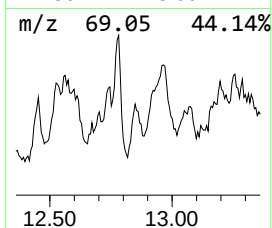
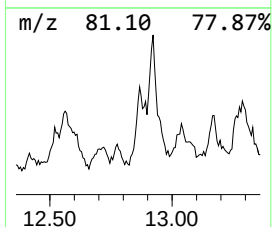
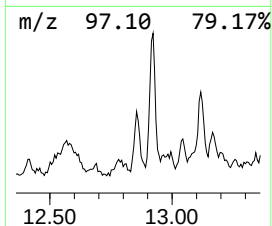
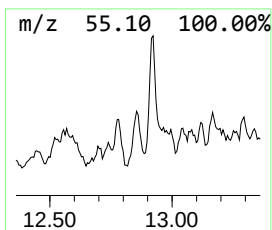
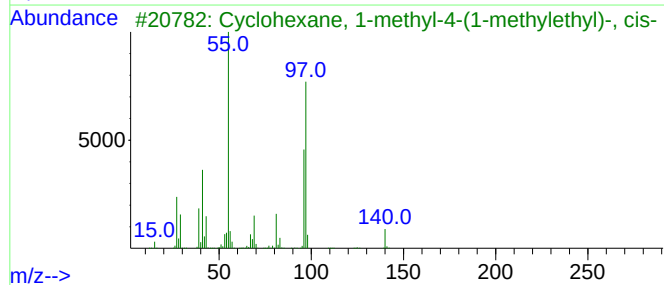
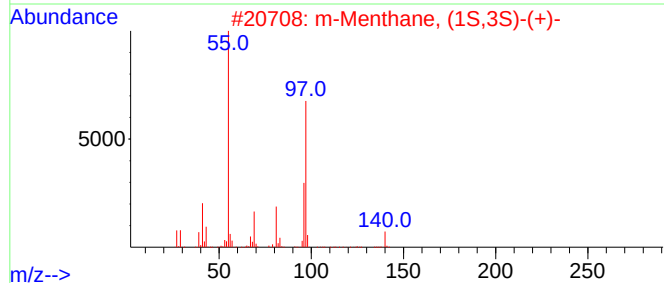
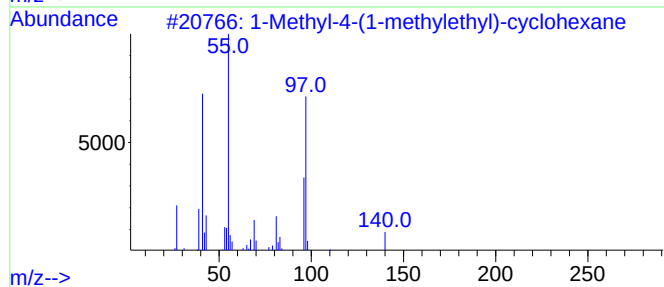
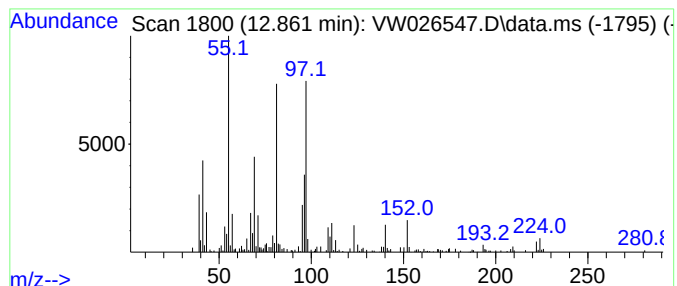
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic12.861 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	1.63 ug/L	135017	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	38
2			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	38
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026547.D
Acq On : 06 Jul 2023 17:18
Operator : SY/MD
Sample : 03534-18
Misc : 4.77g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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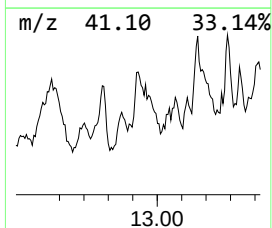
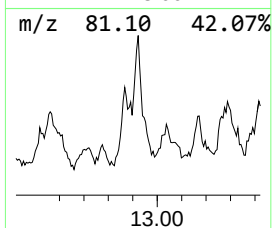
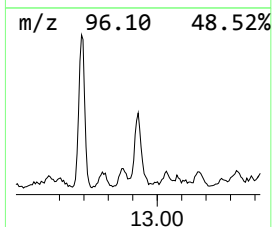
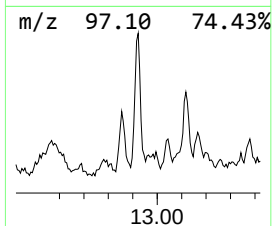
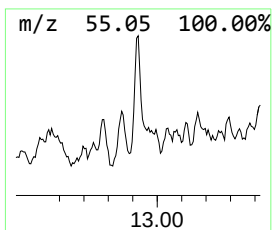
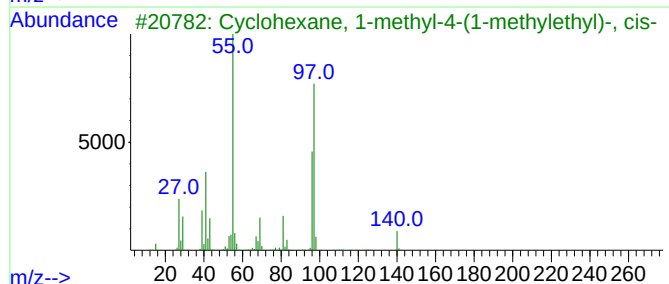
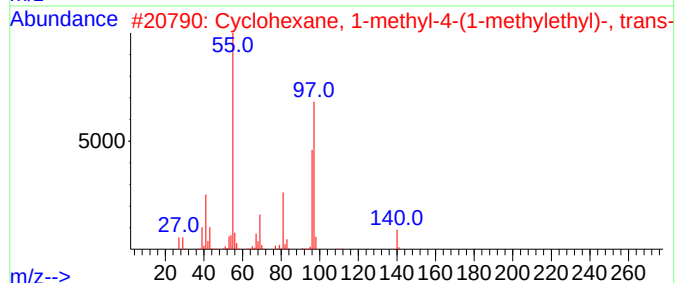
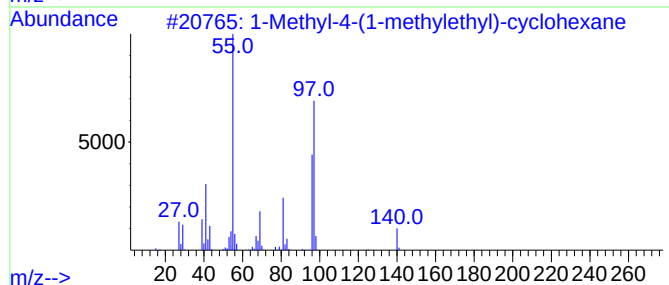
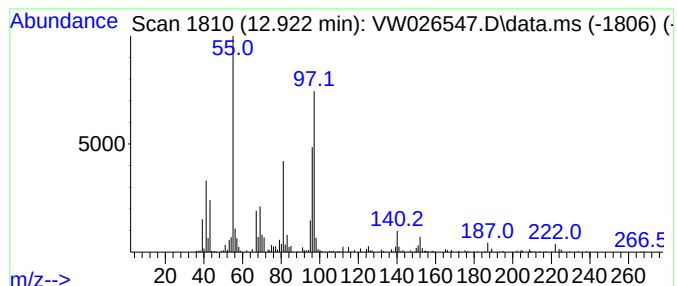
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic12.922 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.922	2.74 ug/L	226727	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	81
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	81
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	81
4			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	74
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026547.D
Acq On : 06 Jul 2023 17:18
Operator : SY/MD
Sample : 03534-18
Misc : 4.77g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

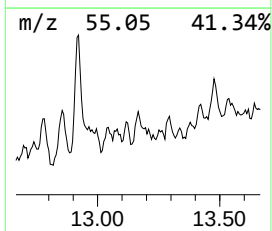
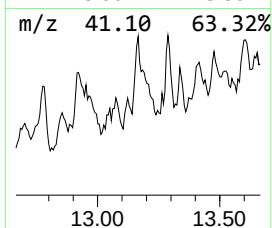
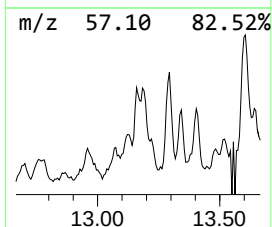
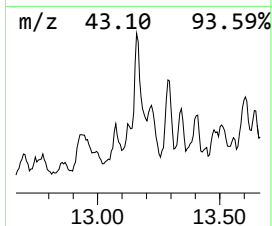
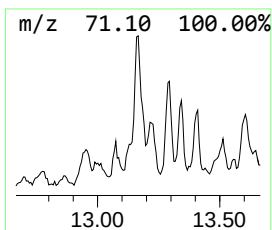
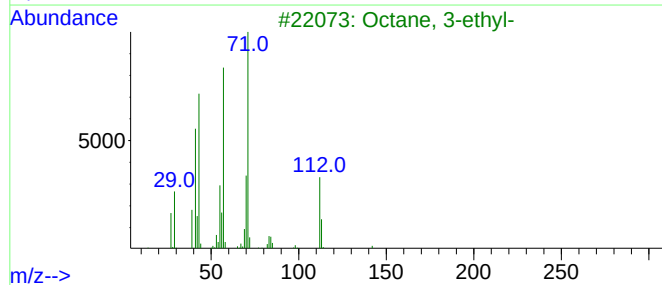
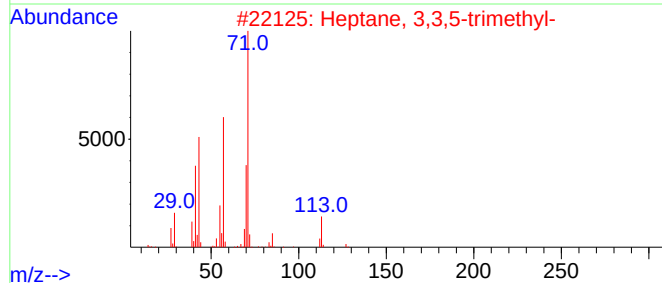
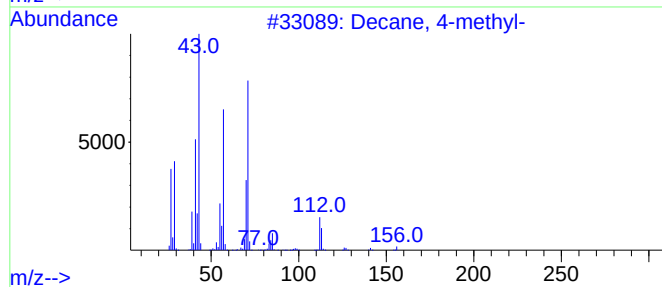
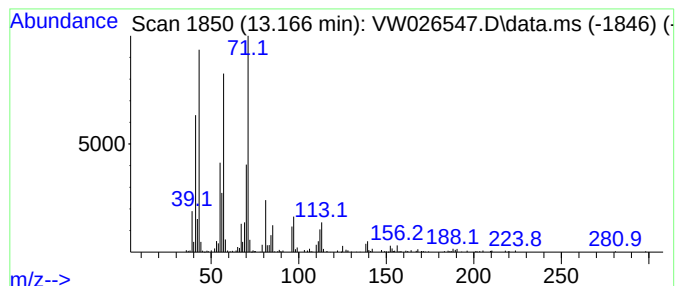
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.166	3.35 ug/L	277118	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	81
2	Heptane, 3,3,5-trimethyl-		142	C10H22	007154-80-5	64
3	Octane, 3-ethyl-		142	C10H22	005881-17-4	64
4	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	55
5	Heptane, 5-ethyl-2-methyl-		142	C10H22	013475-78-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026547.D
Acq On : 06 Jul 2023 17:18
Operator : SY/MD
Sample : 03534-18
Misc : 4.77g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

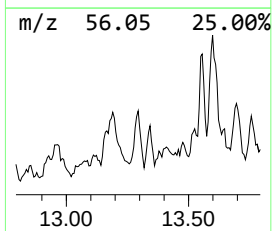
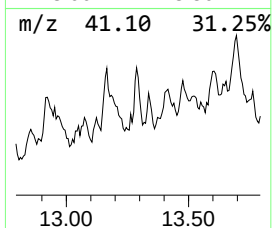
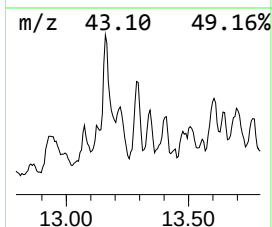
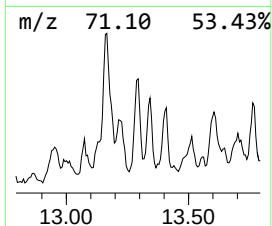
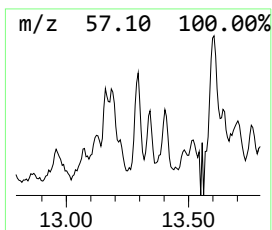
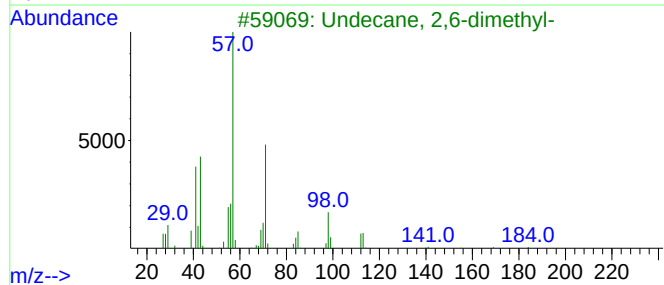
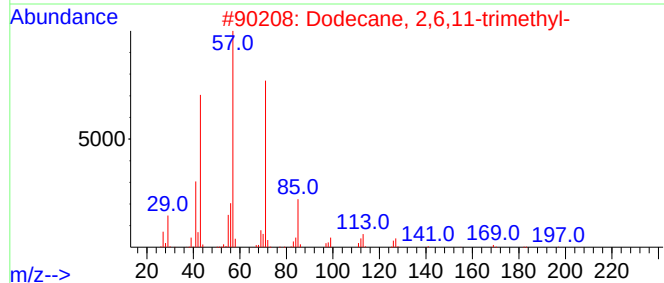
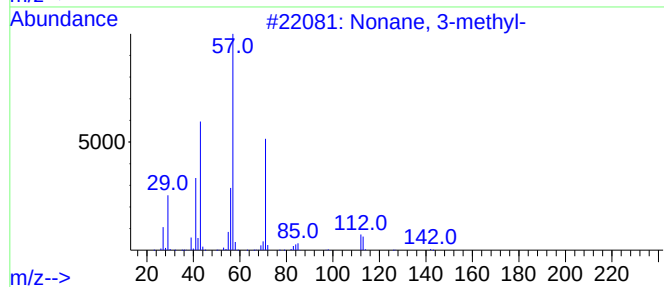
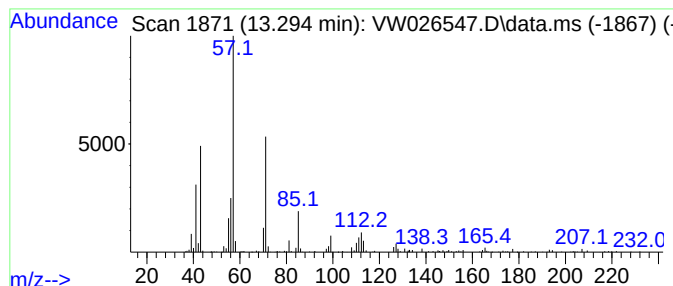
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.294	1.83 ug/L	151073	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-		142	C10H22	005911-04-6	59
2	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	59
3	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	59
4	Tridecane, 3-methyl-		198	C14H30	006418-41-3	58
5	Undecane, 6-ethyl-		184	C13H28	017312-60-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026547.D
Acq On : 06 Jul 2023 17:18
Operator : SY/MD
Sample : 03534-18
Misc : 4.77g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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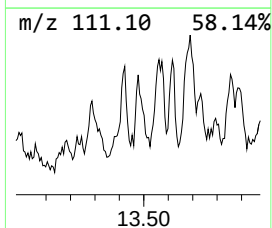
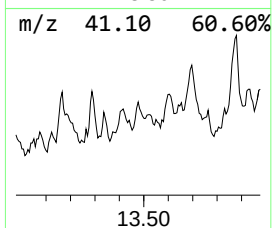
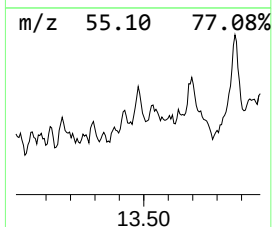
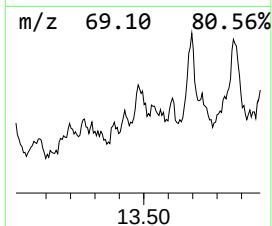
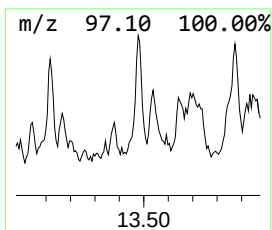
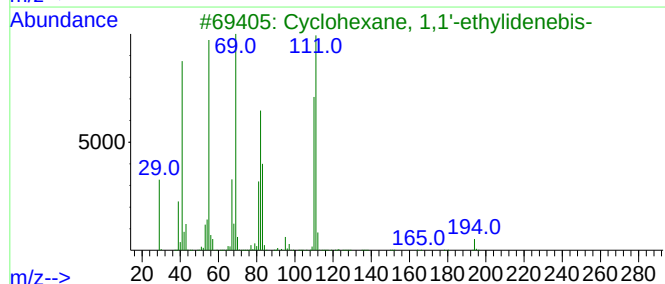
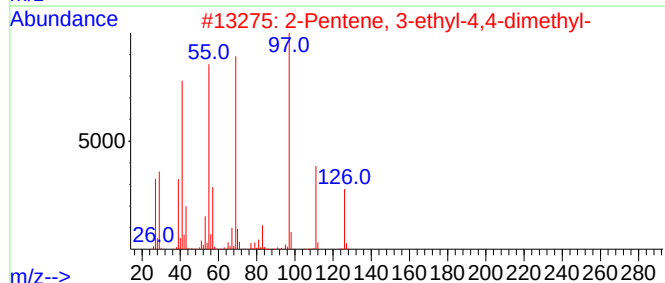
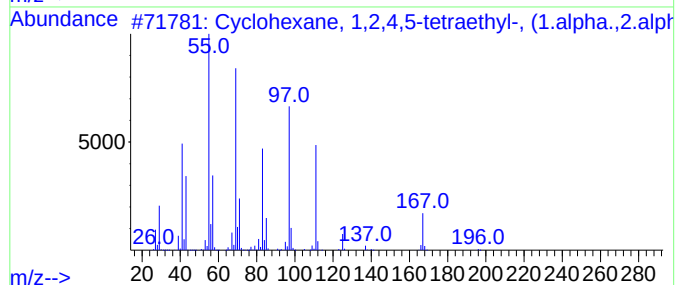
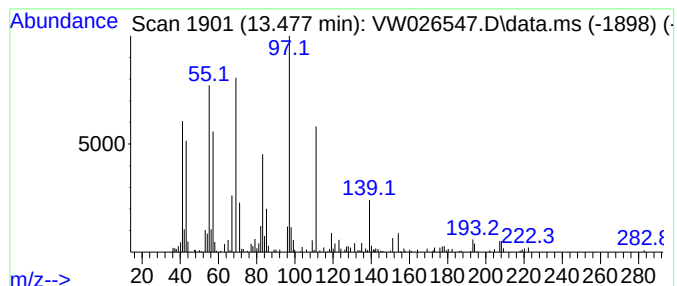
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic13.477 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	1.48 ug/L	122280	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	72
2			2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	50
3			Cyclohexane, 1,1'-ethylidenebis-	194	C14H26	002319-61-1	41
4			Triallylmethylsilane	166	C10H18Si	001112-91-0	38
5			Cyclohexane, 1-(cyclohexylmethyl)-...	194	C14H26	054823-95-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026547.D
Acq On : 06 Jul 2023 17:18
Operator : SY/MD
Sample : 03534-18
Misc : 4.77g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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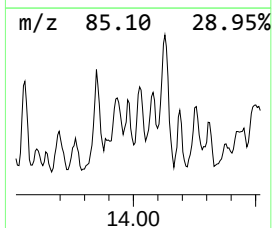
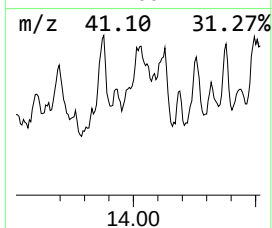
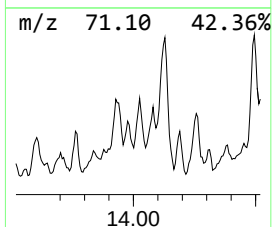
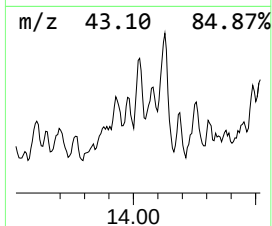
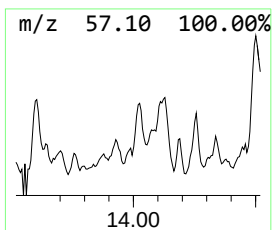
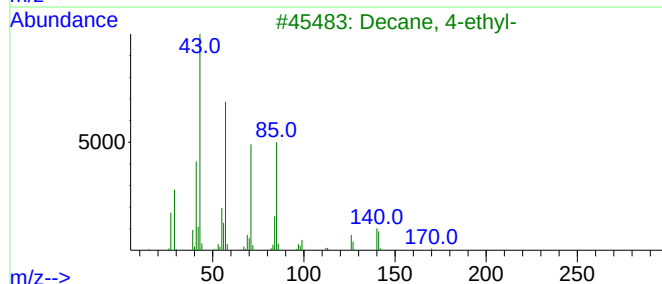
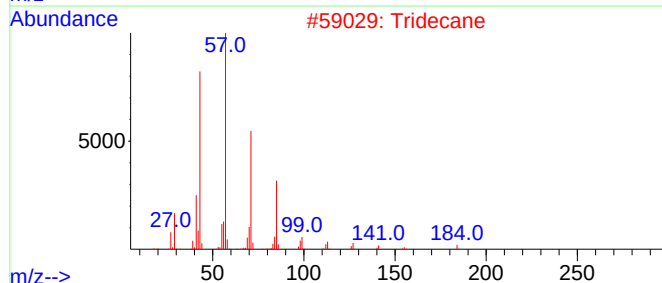
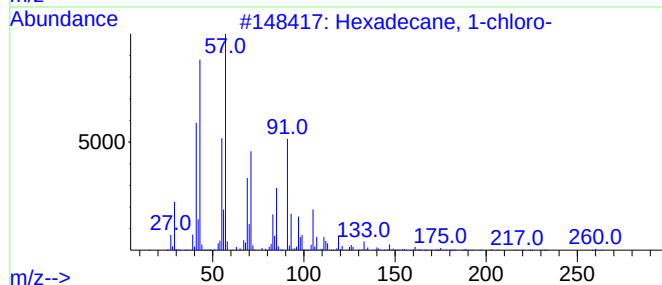
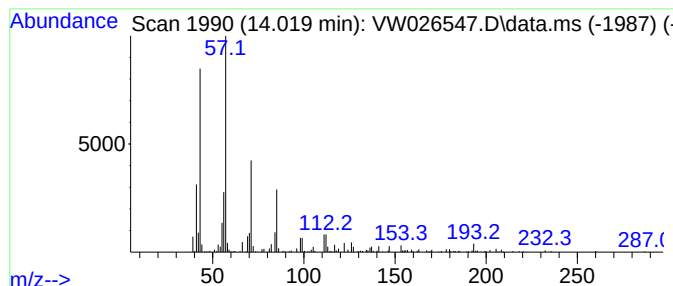
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Quant Title : SFAM01.0

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

Peak Number 9 Hexadecane, 1-chloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.019	1.72 ug/L	142345	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	68
2			Tridecane	184	C13H28	000629-50-5	59
3			Decane, 4-ethyl-	170	C12H26	001636-44-8	58
4			Decane, 3-methyl-	156	C11H24	013151-34-3	58
5			Hexadecane	226	C16H34	000544-76-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026547.D
Acq On : 06 Jul 2023 17:18
Operator : SY/MD
Sample : 03534-18
Misc : 4.77g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

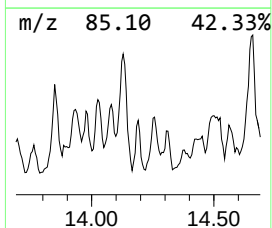
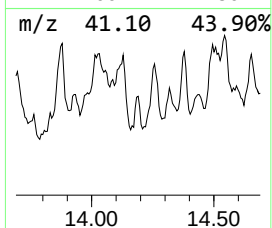
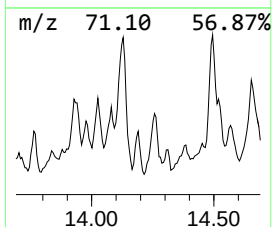
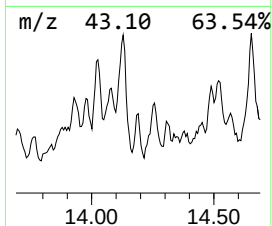
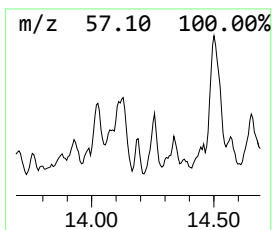
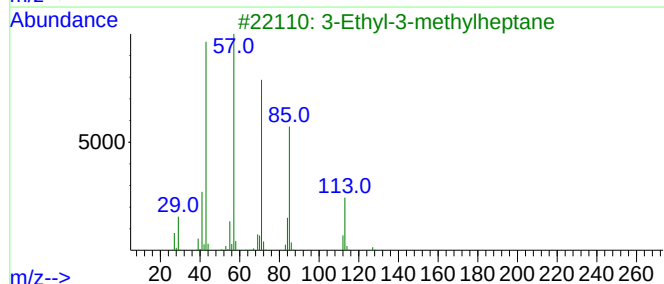
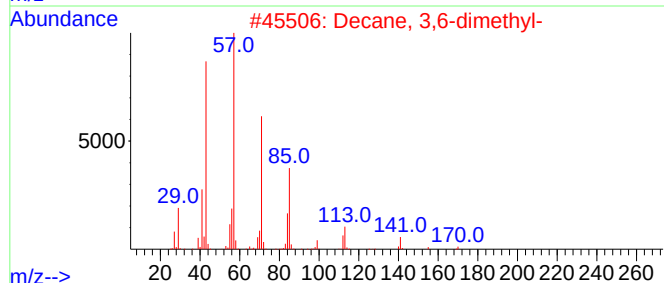
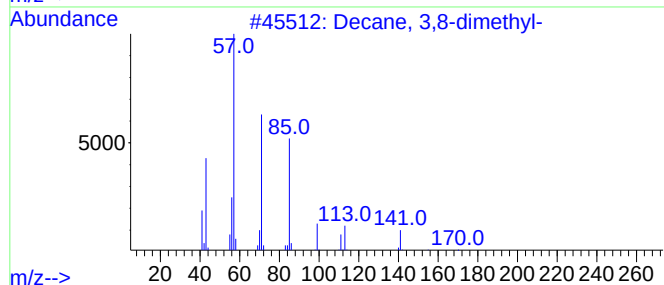
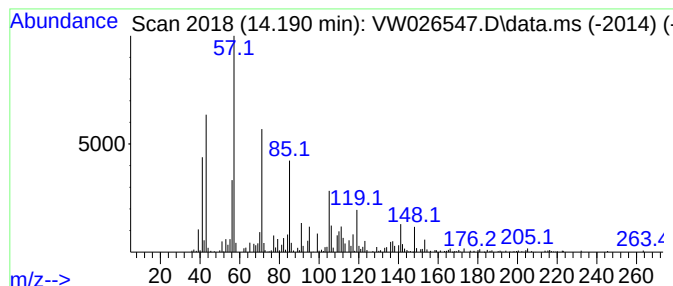
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.190	1.76 ug/L	145466	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	49
2	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	38
3	3-Ethyl-3-methylheptane		142	C10H22	017302-01-1	35
4	Undecane, 2,3-dimethyl-		184	C13H28	017312-77-5	35
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026547.D
Acq On : 06 Jul 2023 17:18
Operator : SY/MD
Sample : 03534-18
Misc : 4.77g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

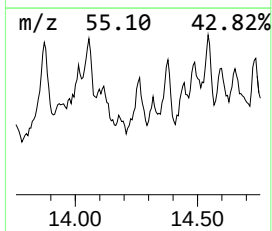
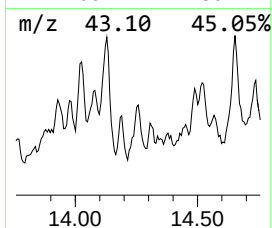
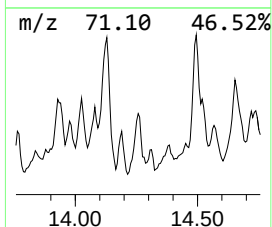
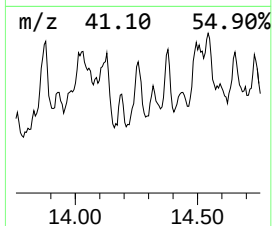
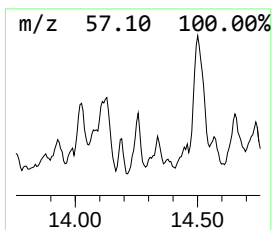
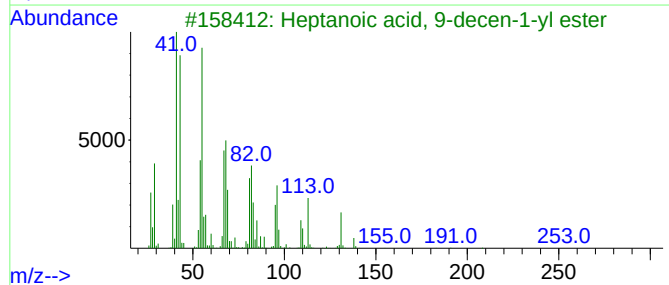
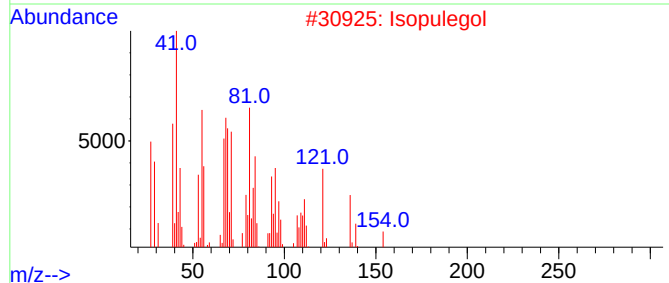
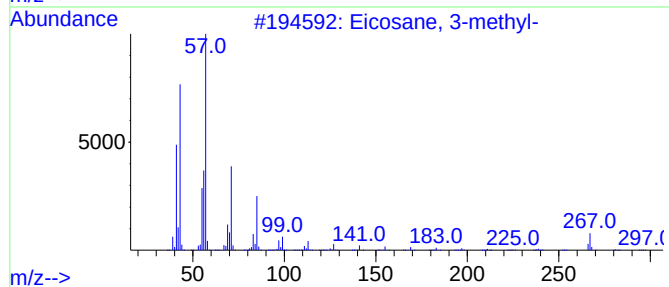
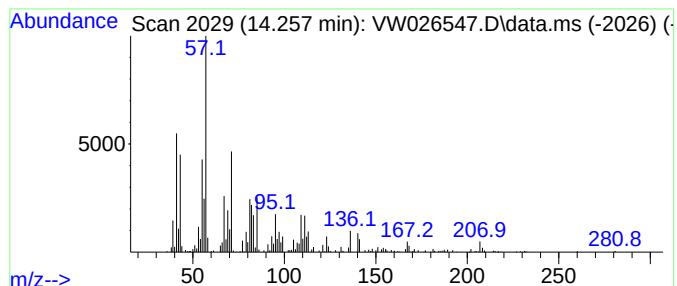
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MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.257	3.03 ug/L	250358	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane, 3-methyl-		296	C21H44	006418-46-8	38
2	Isopulegol		154	C10H18O	000089-79-2	38
3	Heptanoic acid, 9-decen-1-yl ester		268	C17H32O2	1000160-08-7	35
4	trans-2-Undecen-1-ol		170	C11H22O	075039-84-8	35
5	Decane, 3-methyl-		156	C11H24	013151-34-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026547.D
Acq On : 06 Jul 2023 17:18
Operator : SY/MD
Sample : 03534-18
Misc : 4.77g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4736

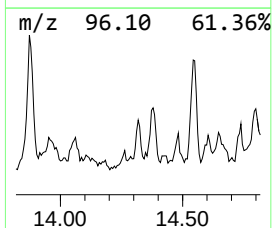
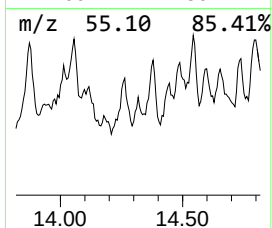
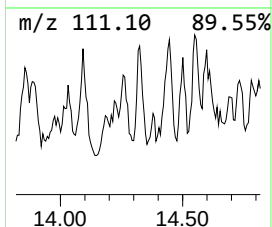
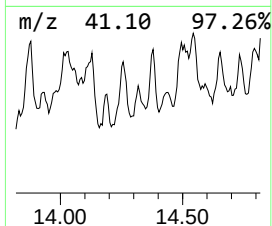
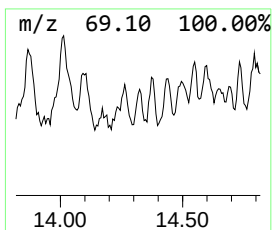
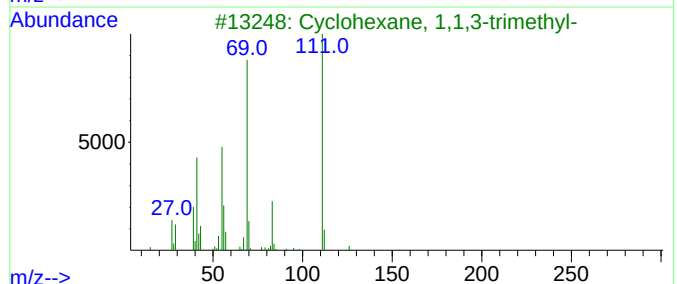
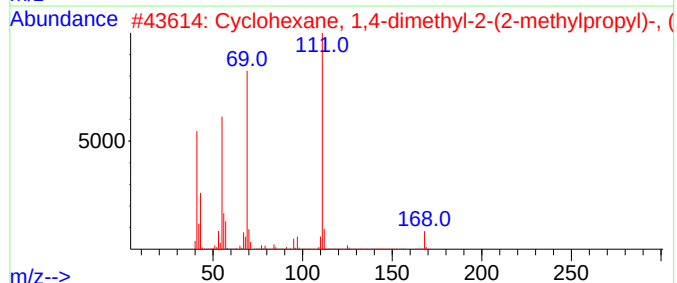
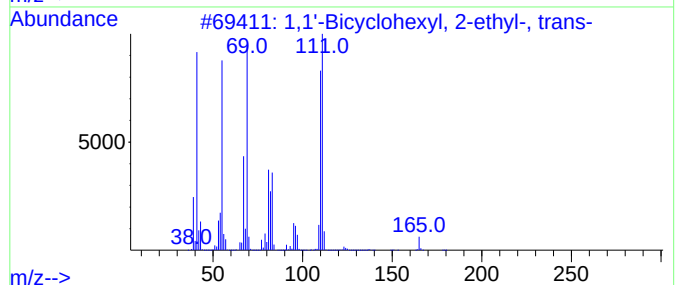
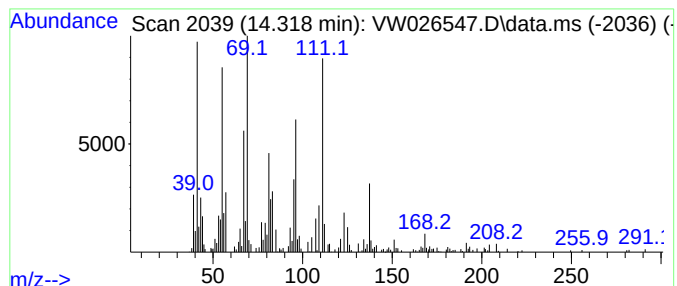
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Quant Title : SFAM01.0

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

Peak Number 12 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	1.38 ug/L	113979	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclohexyl, 2-ethyl-, trans-	194	C14H26		050991-13-4	47	
2	Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24		054411-17-5	43	
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18		003073-66-3	43	
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18		003073-66-3	43	
5	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22		074421-09-3	43	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026547.D
Acq On : 06 Jul 2023 17:18
Operator : SY/MD
Sample : 03534-18
Misc : 4.77g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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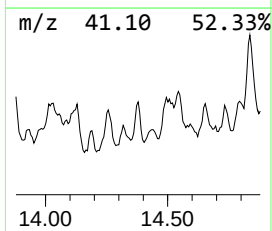
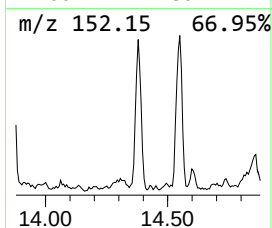
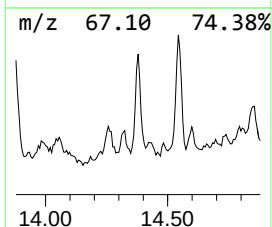
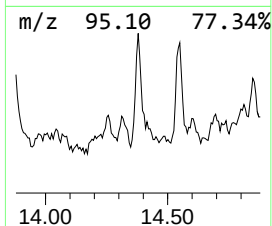
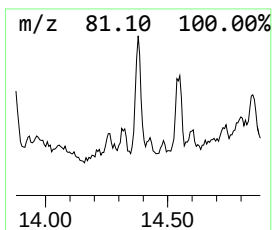
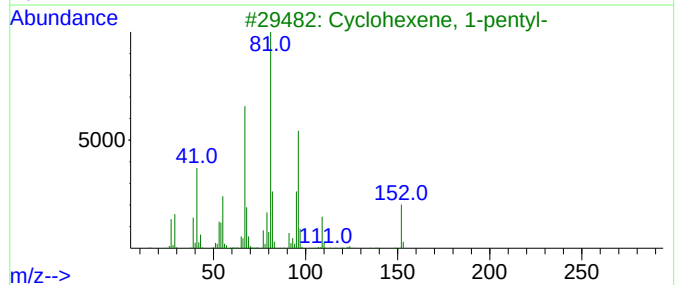
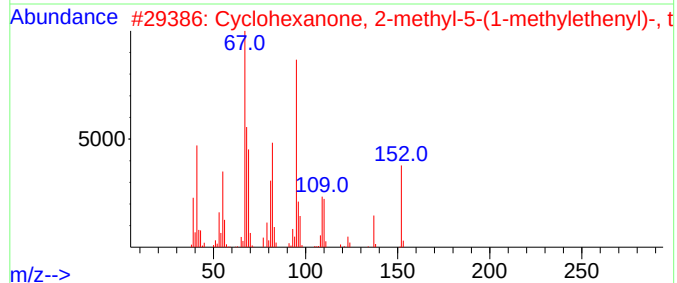
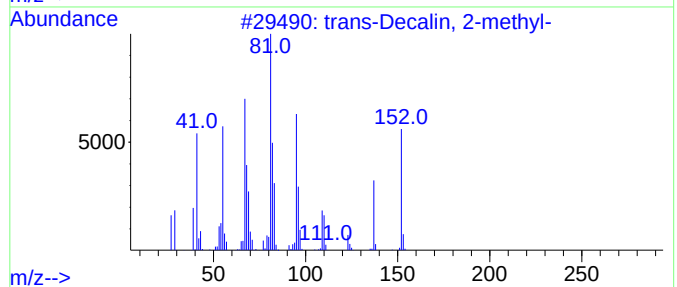
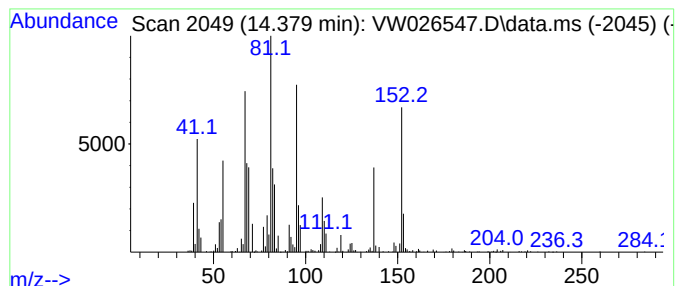
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Quant Title : SFAM01.0

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

Peak Number 13 trans-Decalin, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	3.28 ug/L	271553	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
2			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	68
3			Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	64
4			Pulegone	152	C10H16O	000089-82-7	58
5			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026547.D
Acq On : 06 Jul 2023 17:18
Operator : SY/MD
Sample : 03534-18
Misc : 4.77g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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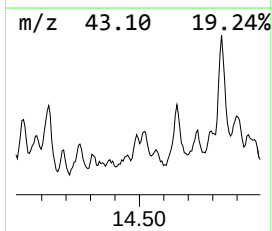
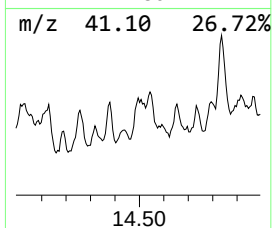
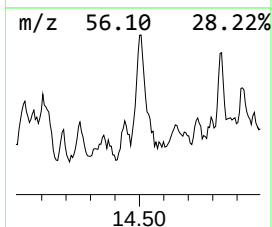
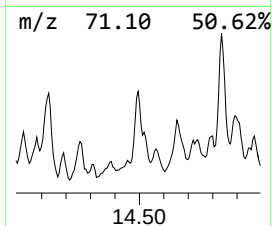
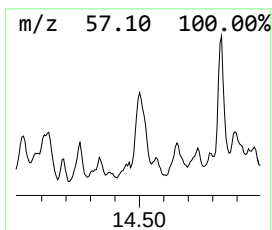
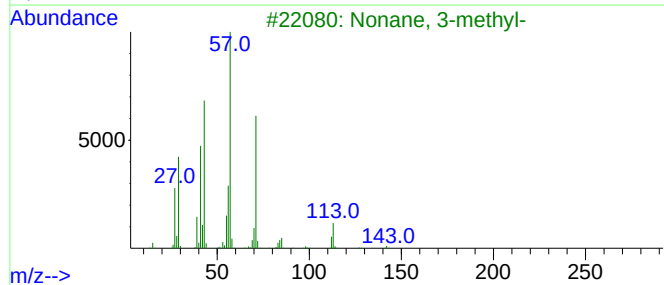
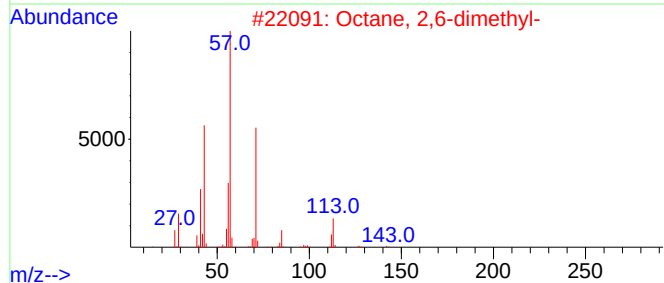
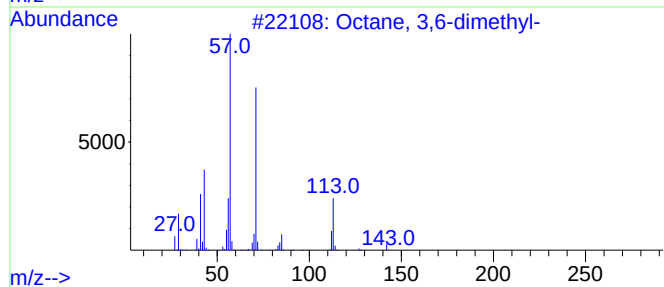
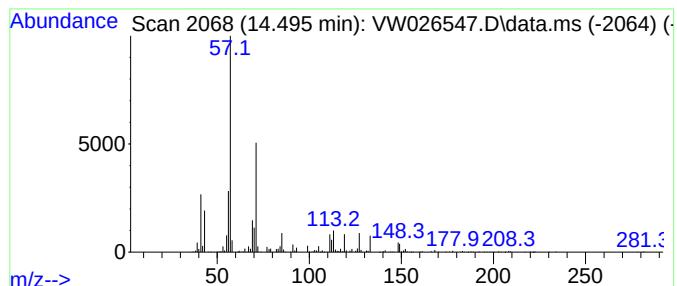
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	3.61 ug/L	298704	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	59
4			2-Bromotetradecane	276	C14H29Br	074036-95-6	53
5			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026547.D
Acq On : 06 Jul 2023 17:18
Operator : SY/MD
Sample : 03534-18
Misc : 4.77g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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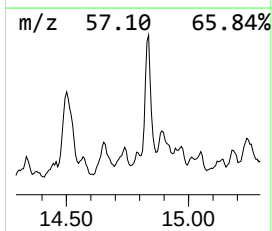
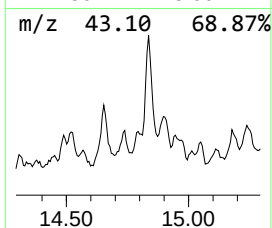
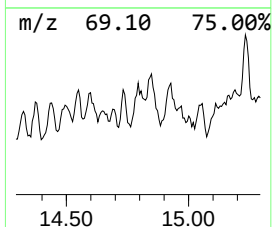
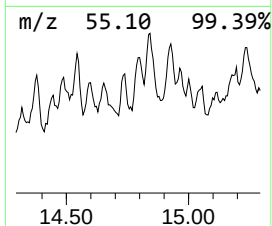
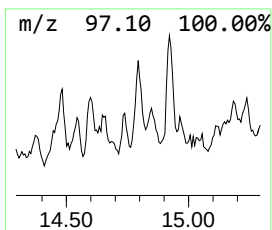
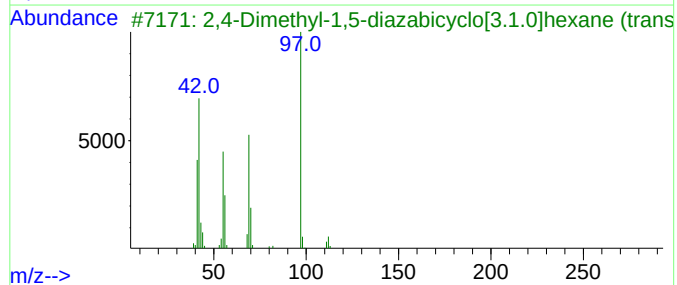
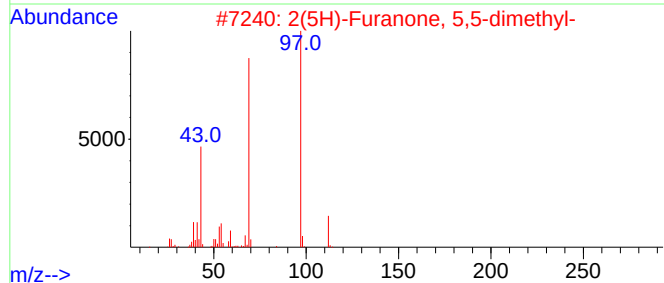
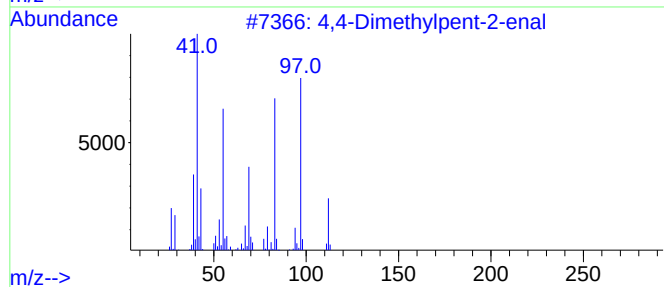
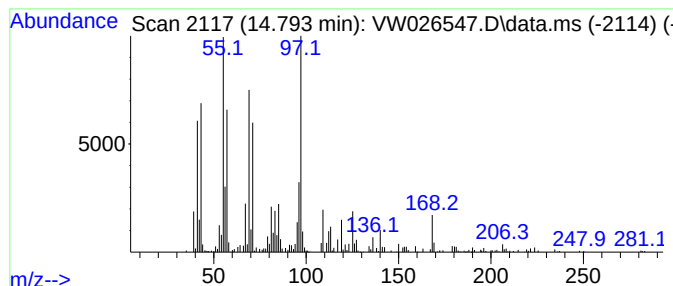
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Quant Title : SFAM01.0

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

Peak Number 15 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.794	2.11 ug/L	174527	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4-Dimethylpent-2-enal	112	C7H12O	1010195-01-6	46
2			2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	46
3			2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	1000283-20-9	46
4			5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	38
5			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026547.D
Acq On : 06 Jul 2023 17:18
Operator : SY/MD
Sample : 03534-18
Misc : 4.77g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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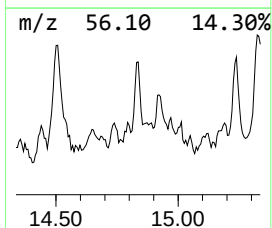
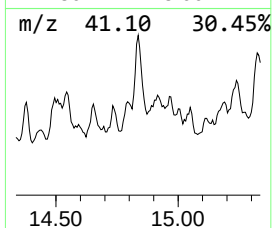
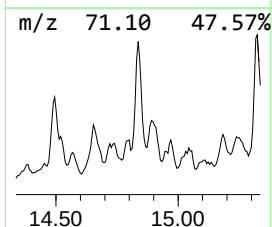
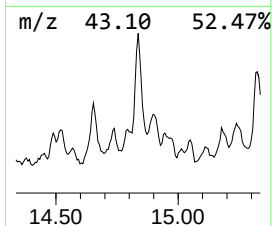
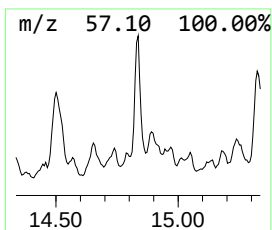
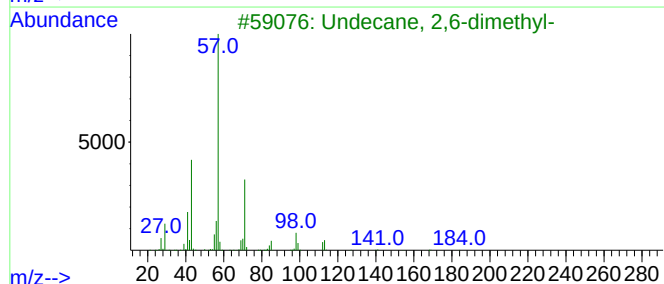
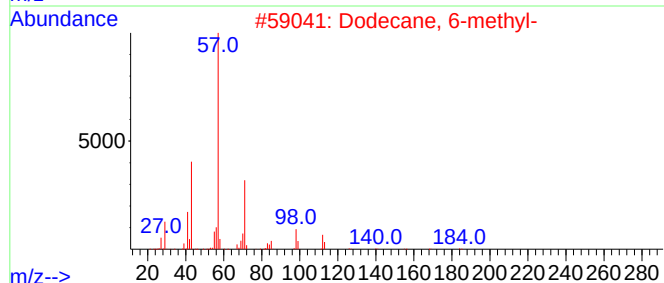
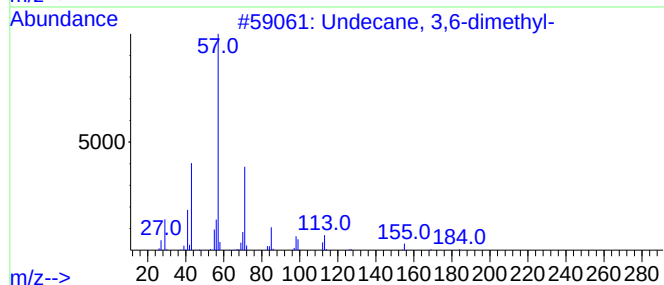
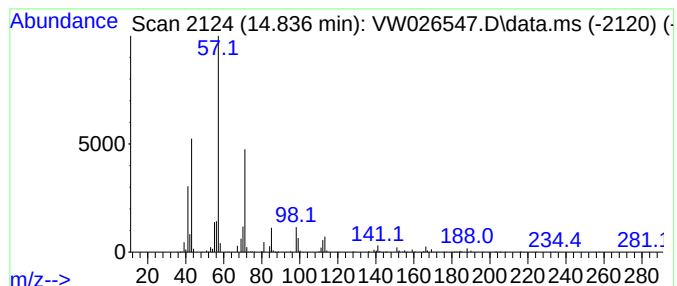
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	6.81 ug/L	563331	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	95
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	93
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
4		Octane, 4-ethyl-	142	C10H22	015869-86-0	64
5		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026547.D
Acq On : 06 Jul 2023 17:18
Operator : SY/MD
Sample : 03534-18
Misc : 4.77g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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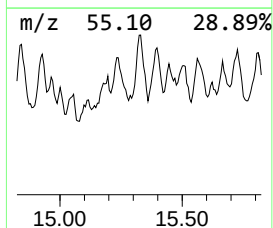
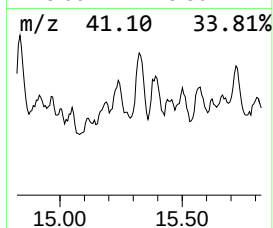
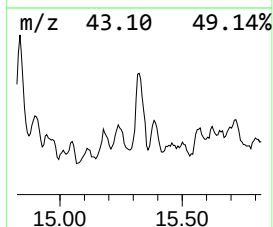
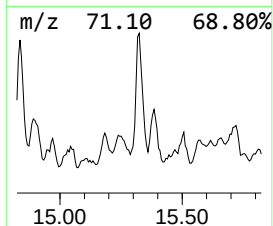
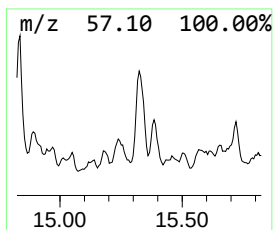
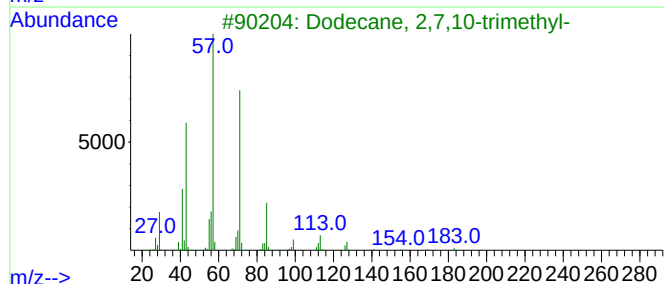
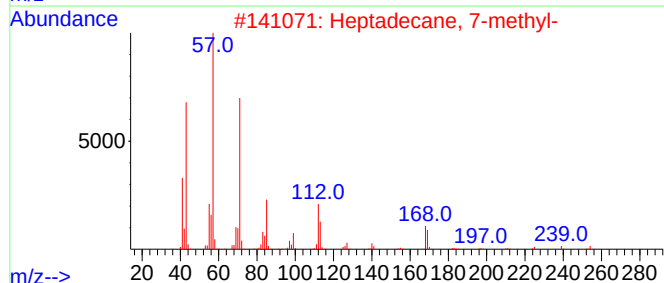
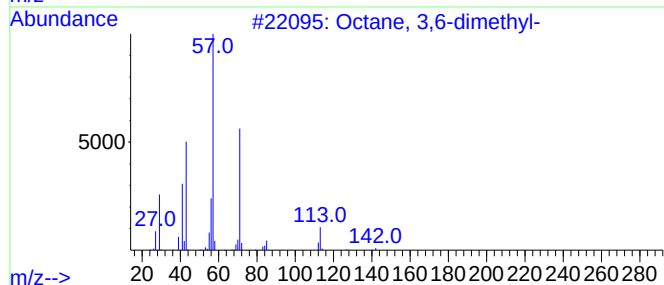
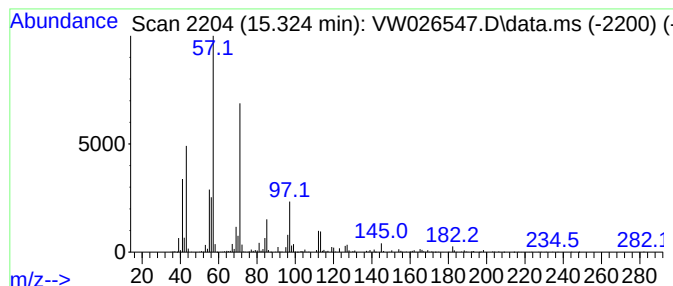
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.324	6.18 ug/L	511113	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	50	
2	Heptadecane, 7-methyl-		254	C18H38	020959-33-5	50	
3	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	47	
4	1-Hexene, 5,5-dimethyl-		112	C8H16	007116-86-1	43	
5	Sulfurous acid, 2-ethylhexyl pen...		264	C13H28O3S	1000309-18-9	43	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026547.D
Acq On : 06 Jul 2023 17:18
Operator : SY/MD
Sample : 03534-18
Misc : 4.77g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4736

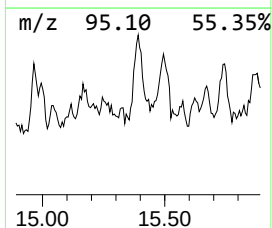
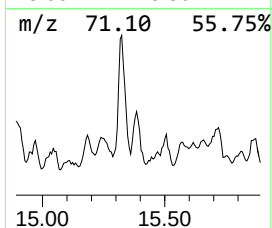
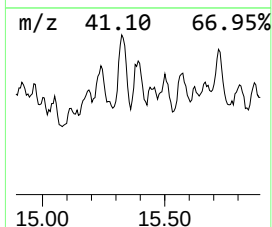
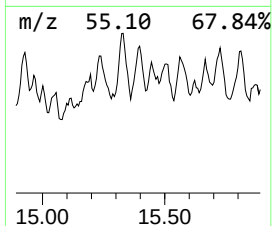
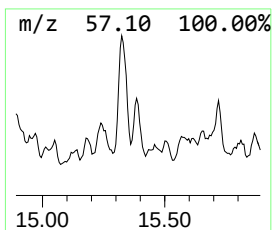
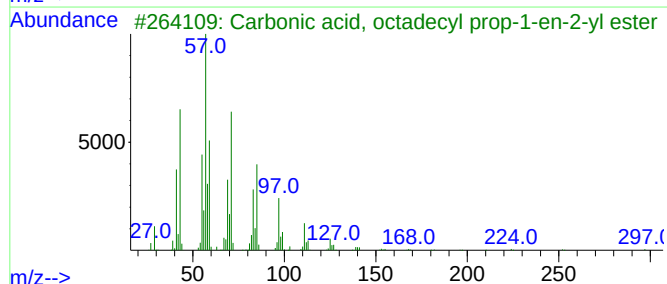
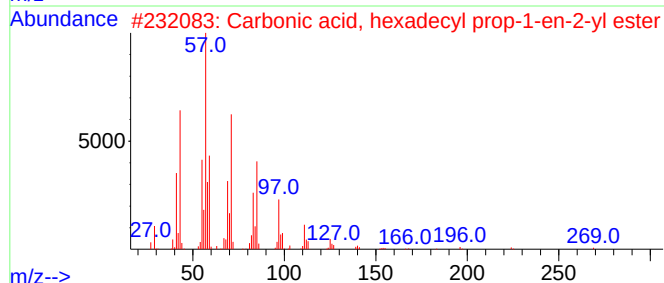
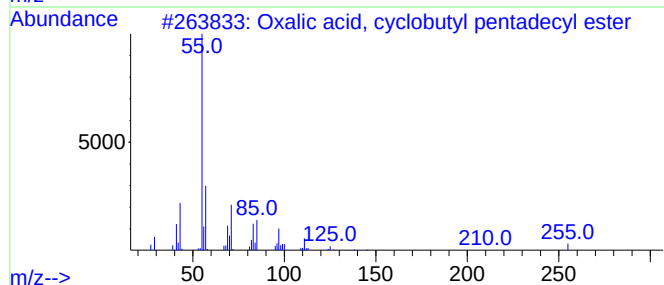
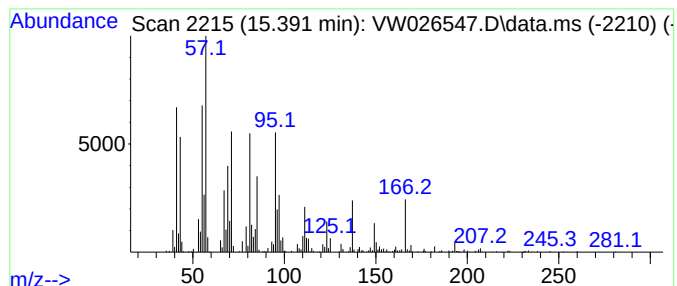
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Quant Title : SFAM01.0

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

Peak Number 18 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	4.49 ug/L	371219	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1010309-70-5	35
2			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	30
3			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	30
4			Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	25
5			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026547.D
Acq On : 06 Jul 2023 17:18
Operator : SY/MD
Sample : 03534-18
Misc : 4.77g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4736

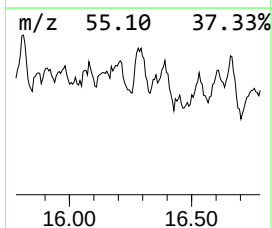
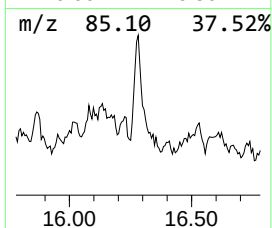
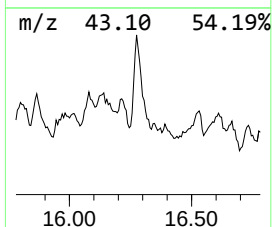
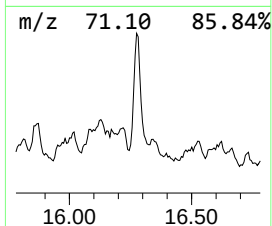
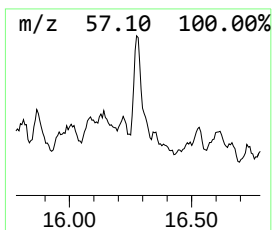
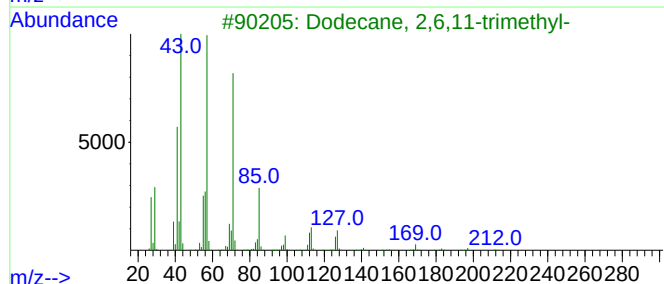
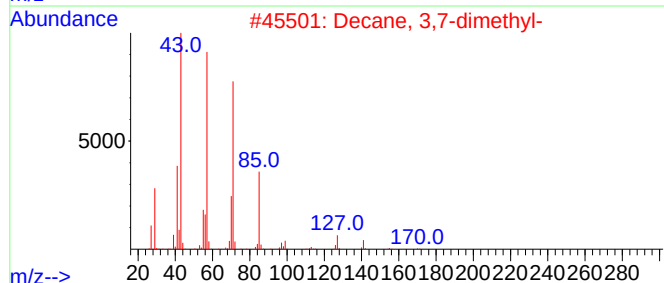
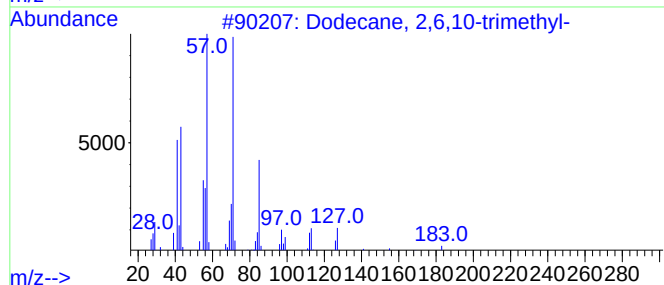
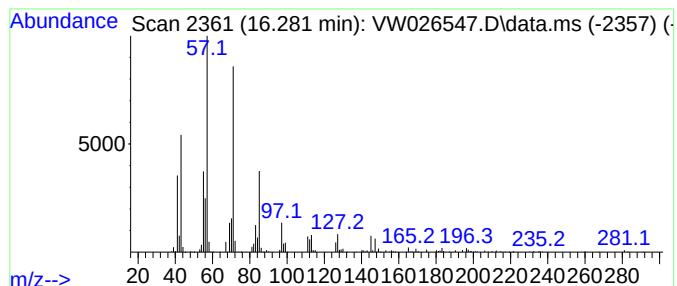
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.281	5.16 ug/L	426996	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	83
2			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	80
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5			Tridecane, 4-methyl-	198	C14H30	026730-12-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
 Data File : VW026547.D
 Acq On : 06 Jul 2023 17:18
 Operator : SY/MD
 Sample : 03534-18
 Misc : 4.77g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4736

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.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
Decahydro-1,1,4...	12.562	2.2	ug/L	255805	2	11.629	2955890	25.0
(DEL) Alkane: C...	12.776	1.9	ug/L	160579	3	13.556	2068080	25.0
(DEL) Alkane: C...	12.861	1.6	ug/L	135017	3	13.556	2068080	25.0
(DEL) Alkane: C...	12.922	2.7	ug/L	226727	3	13.556	2068080	25.0
(DEL) Alkane: S...	13.166	3.4	ug/L	277118	3	13.556	2068080	25.0
(DEL) Alkane: S...	13.294	1.8	ug/L	151073	3	13.556	2068080	25.0
(DEL) Alkane: C...	13.477	1.5	ug/L	122280	3	13.556	2068080	25.0
Hexadecane, 1-c...	14.019	1.7	ug/L	142345	3	13.556	2068080	25.0
(DEL) Alkane: S...	14.190	1.8	ug/L	145466	3	13.556	2068080	25.0
(DEL) Alkane: S...	14.257	3.0	ug/L	250358	3	13.556	2068080	25.0
unknown-01	14.318	1.4	ug/L	113979	3	13.556	2068080	25.0
trans-Decalin, ...	14.379	3.3	ug/L	271553	3	13.556	2068080	25.0
(DEL) Alkane: S...	14.495	3.6	ug/L	298704	3	13.556	2068080	25.0
unknown-02	14.794	2.1	ug/L	174527	3	13.556	2068080	25.0
(DEL) Alkane: S...	14.836	6.8	ug/L	563331	3	13.556	2068080	25.0
(DEL) Alkane: S...	15.324	6.2	ug/L	511113	3	13.556	2068080	25.0
unknown-03	15.391	4.5	ug/L	371219	3	13.556	2068080	25.0
(DEL) Alkane: S...	16.281	5.2	ug/L	426996	3	13.556	2068080	25.0