

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
 Data File : VW026530.D
 Acq On : 05 Jul 2023 14:07
 Operator : SY/MD
 Sample : 03501-10
 Misc : 4.37g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46X5

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: VW026530.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	38	42	51	rBV2	29334	61032	0.61%	0.066%
2	2.369	71	79	92	rBV	101315	308491	3.07%	0.335%
3	2.893	158	165	183	rBV	118818	363475	3.61%	0.395%
4	3.393	240	247	248	rBV3	6944	11328	0.11%	0.012%
5	4.021	337	350	360	rBV	292485	998305	9.92%	1.085%
6	4.118	360	366	379	rVB	209963	578662	5.75%	0.629%
7	4.393	401	411	420	rVB2	22475	73486	0.73%	0.080%
8	4.923	487	498	500	rBV3	16646	45268	0.45%	0.049%
9	5.435	572	582	590	rBV9	6167	22086	0.22%	0.024%
10	5.789	633	640	648	rVB6	6145	18884	0.19%	0.021%
11	5.941	658	665	673	rVB3	11398	30647	0.30%	0.033%
12	6.984	827	836	843	rVV4	8778	27544	0.27%	0.030%
13	7.075	843	851	859	rVV	130753	377151	3.75%	0.410%
14	7.167	860	866	882	rVV2	109881	336731	3.35%	0.366%
15	7.648	935	945	962	rBV	576918	1406540	13.98%	1.529%
16	7.959	982	996	1003	rBV4	15975	58623	0.58%	0.064%
17	8.032	1004	1008	1016	rVB5	5607	12505	0.12%	0.014%
18	8.154	1019	1028	1035	rBV2	13163	31116	0.31%	0.034%
19	8.276	1037	1048	1065	rBV2	1177963	3506480	34.85%	3.812%
20	8.569	1092	1096	1105	rVB10	8794	19872	0.20%	0.022%
21	8.691	1109	1116	1125	rBV5	12408	30885	0.31%	0.034%
22	8.843	1130	1141	1153	rBV	1343818	2660748	26.44%	2.893%
23	9.069	1172	1178	1187	rBV4	14519	39686	0.39%	0.043%
24	9.276	1202	1212	1219	rVV	787737	1680721	16.70%	1.827%
25	9.331	1219	1221	1227	rVV2	55438	99940	0.99%	0.109%
26	9.386	1227	1230	1237	rVB5	11783	20979	0.21%	0.023%
27	9.514	1246	1251	1257	rVB9	4687	11999	0.12%	0.013%
28	9.605	1262	1266	1272	rVB6	5868	11045	0.11%	0.012%
29	9.752	1284	1290	1296	rVB3	15463	31066	0.31%	0.034%
30	9.898	1308	1314	1318	rVB	15100	25238	0.25%	0.027%
31	9.959	1318	1324	1327	rBV2	28269	54631	0.54%	0.059%
32	10.032	1331	1336	1343	rVV	395083	693087	6.89%	0.754%
33	10.093	1343	1346	1351	rVB2	23038	35590	0.35%	0.039%
34	10.209	1358	1365	1368	rBV7	6357	14435	0.14%	0.016%
35	10.245	1368	1371	1376	rVB2	10650	17588	0.17%	0.019%
36	10.325	1376	1384	1391	rBV	1475070	2653774	26.37%	2.885%

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Stop Thrs : 0

Peak Location: TOP

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

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

37	10.386	1391	1394	1400	rVB	39397	71967	0.72%	0.078%
38	10.501	1407	1413	1419	rVB3	25922	56375	0.56%	0.061%
39	10.575	1419	1425	1435	rBV	247725	443560	4.41%	0.482%
40	10.660	1435	1439	1444	rBV3	15405	26925	0.27%	0.029%
41	10.764	1449	1456	1460	rBV4	18654	41003	0.41%	0.045%
42	10.843	1460	1469	1474	rVB4	29325	75033	0.75%	0.082%
43	10.922	1475	1482	1495	rBV	471894	870424	8.65%	0.946%
44	11.038	1495	1501	1509	rVB	37410	77550	0.77%	0.084%
45	11.105	1509	1512	1516	rBV3	16514	24669	0.25%	0.027%
46	11.178	1520	1524	1527	rVV	31949	48980	0.49%	0.053%
47	11.227	1527	1532	1538	rVV	63325	115831	1.15%	0.126%
48	11.282	1538	1541	1545	rVV4	20296	38228	0.38%	0.042%
49	11.337	1545	1550	1554	rVV2	65553	127531	1.27%	0.139%
50	11.398	1554	1560	1563	rVV4	51281	136632	1.36%	0.149%
51	11.434	1563	1566	1573	rVB2	52411	91132	0.91%	0.099%
52	11.507	1573	1578	1588	rVB	110226	190928	1.90%	0.208%
53	11.629	1590	1598	1606	rBV	1456280	2501893	24.86%	2.720%
54	11.727	1611	1614	1617	rBV2	14814	21410	0.21%	0.023%
55	11.763	1617	1620	1623	rVB	18428	21221	0.21%	0.023%
56	11.818	1623	1629	1631	rBV5	45624	89945	0.89%	0.098%
57	11.873	1633	1638	1642	rBV	106663	146990	1.46%	0.160%
58	11.916	1642	1645	1650	rVB2	81761	126966	1.26%	0.138%
59	11.971	1650	1654	1656	rBV3	30020	47673	0.47%	0.052%
60	12.001	1656	1659	1663	rBV2	23257	38072	0.38%	0.041%
61	12.062	1664	1669	1674	rVB3	98226	170684	1.70%	0.186%
62	12.135	1674	1681	1688	rBV4	311050	788842	7.84%	0.858%
63	12.251	1692	1700	1704	rVB	409112	729697	7.25%	0.793%
64	12.361	1704	1718	1726	rBV3	474528	1789931	17.79%	1.946%
65	12.501	1729	1741	1753	rVB7	301759	1083948	10.77%	1.178%
66	12.617	1753	1760	1766	rVB4	136911	250845	2.49%	0.273%
67	12.690	1766	1772	1778	rBV	673827	1317653	13.09%	1.433%
68	12.775	1783	1786	1792	rVB3	299256	501942	4.99%	0.546%
69	12.861	1792	1800	1801	rBV4	440973	818796	8.14%	0.890%
70	12.940	1804	1813	1817	rBV6	1349695	3979822	39.55%	4.327%
71	13.074	1832	1835	1839	rVB	485590	670487	6.66%	0.729%
72	13.123	1839	1843	1846	rBV3	365505	535481	5.32%	0.582%
73	13.159	1846	1849	1856	rVB4	406444	642719	6.39%	0.699%
74	13.287	1866	1870	1874	rVB	503252	656416	6.52%	0.714%
75	13.342	1875	1879	1882	rBV	401030	580496	5.77%	0.631%
76	13.446	1887	1896	1899	rBV4	985986	2170944	21.57%	2.360%

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 Title : SFAM01.0

77	13.476	1899	1901	1908	rVB4	415894	614499	6.11%	0.668%
78	13.556	1909	1914	1917	rBV	829702	1291652	12.84%	1.404%
79	13.690	1931	1936	1941	rBV5	406934	838595	8.33%	0.912%
80	13.873	1957	1966	1970	rBV2	1713008	4238460	42.12%	4.608%
81	13.915	1970	1973	1978	rVB4	718740	1049062	10.43%	1.141%
82	13.976	1979	1983	1986	rBV3	740852	1028542	10.22%	1.118%
83	14.019	1987	1990	1994	rBV4	333286	674214	6.70%	0.733%
84	14.190	2014	2018	2022	rBV3	675099	1127011	11.20%	1.225%
85	14.257	2025	2029	2035	rVB4	934684	1544142	15.35%	1.679%
86	14.312	2035	2038	2042	rBV4	420316	645590	6.42%	0.702%
87	14.379	2043	2049	2054	rBV3	2427815	4439078	44.12%	4.826%
88	14.488	2064	2067	2070	rBV4	452868	722246	7.18%	0.785%
89	14.543	2073	2076	2081	rVB3	1120087	1724021	17.13%	1.874%
90	14.653	2091	2094	2098	rBV2	565353	781700	7.77%	0.850%
91	14.732	2104	2107	2111	rBV3	563409	828316	8.23%	0.901%
92	14.793	2112	2117	2120	rVV2	1581146	2976591	29.58%	3.236%
93	14.836	2120	2124	2131	rVB3	2752276	5634537	56.00%	6.126%
94	15.318	2198	2203	2210	rVB	6135619	10062363	100.00%	10.940%
95	15.391	2210	2215	2220	rBV4	1000100	2285854	22.72%	2.485%
96	15.568	2240	2244	2249	rVB6	607854	1165244	11.58%	1.267%
97	15.622	2250	2253	2255	rBV3	613450	907656	9.02%	0.987%
98	15.720	2265	2269	2278	rVB3	1414276	2775835	27.59%	3.018%
99	15.866	2289	2293	2295	rBV5	470316	838199	8.33%	0.911%
100	16.275	2355	2360	2369	rVB	2742150	5296455	52.64%	5.758%

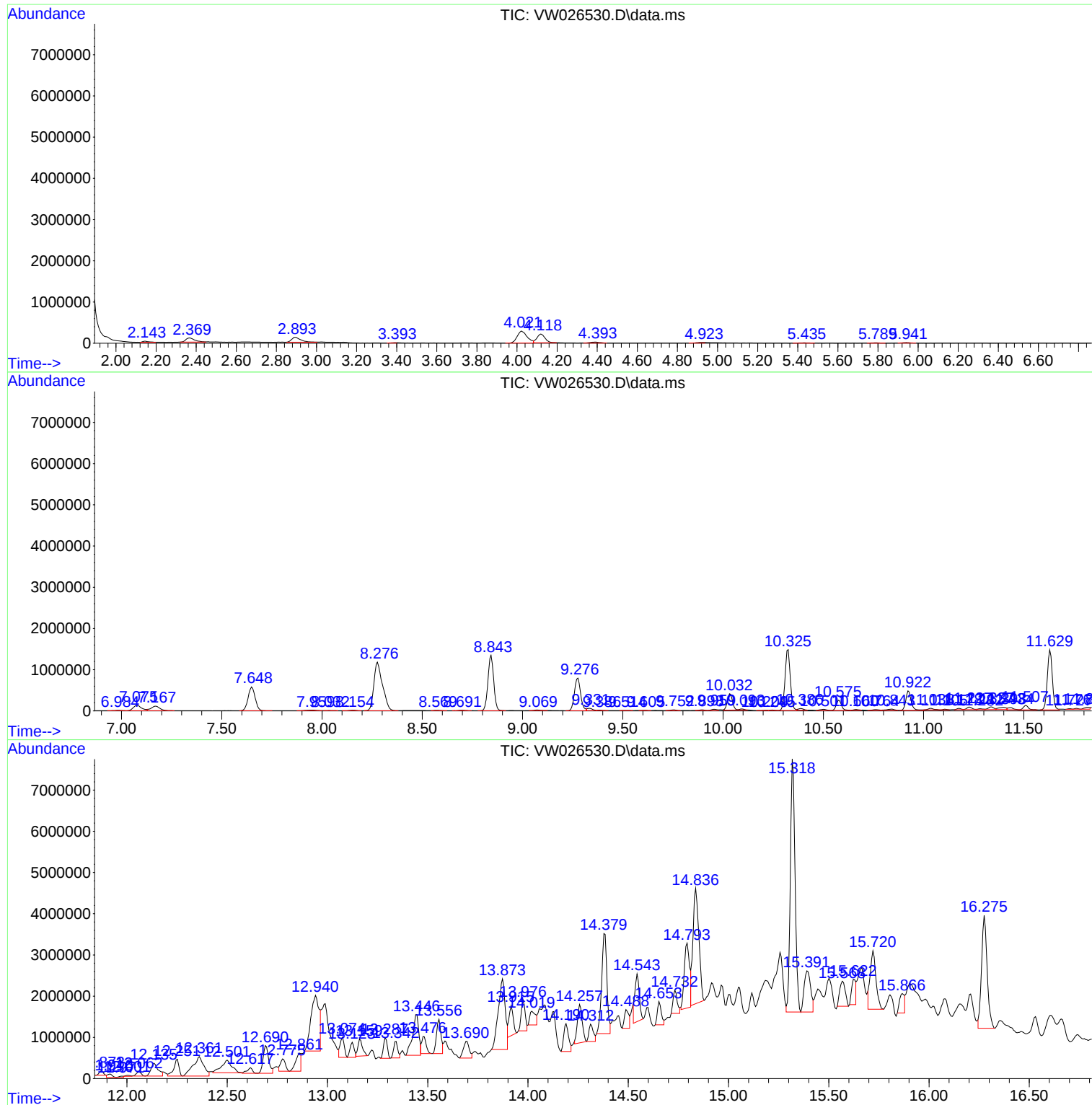
Sum of corrected areas: 91979141

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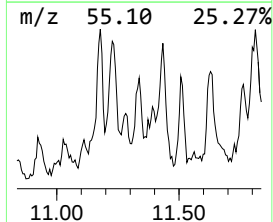
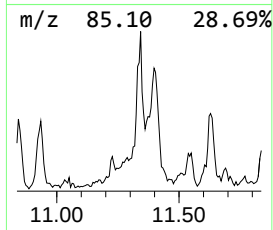
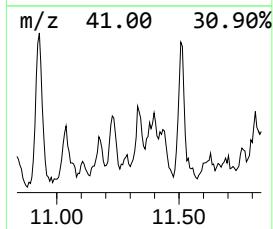
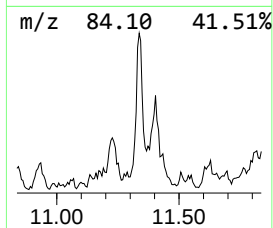
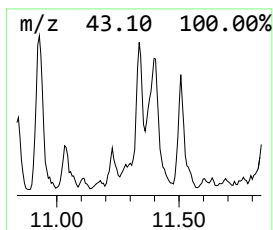
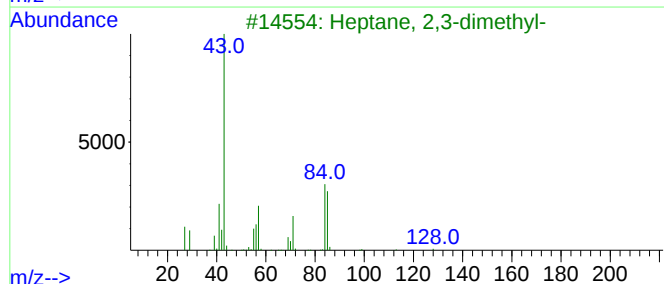
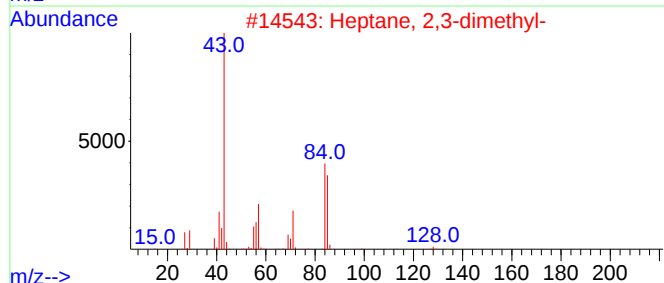
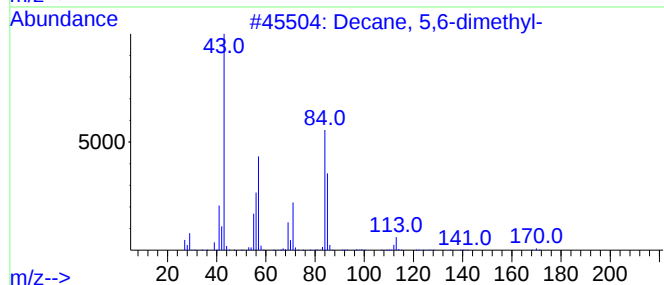
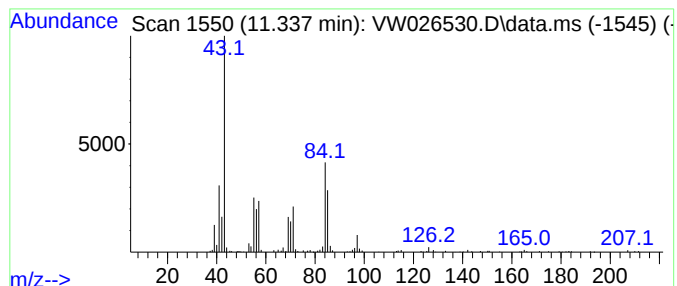
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.337	1.27 ug/L	127531	Chlorobenzene-d5			11.629
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 5,6-dimethyl-		170	C12H26	001636-43-7	72
2	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	72
3	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	72
4	Octane, 4,5-diethyl-		170	C12H26	001636-41-5	72
5	1-Octene, 4-methyl-		126	C9H18	013151-12-7	60



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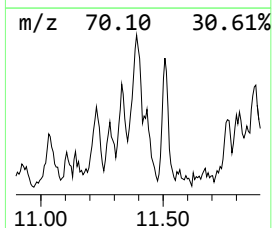
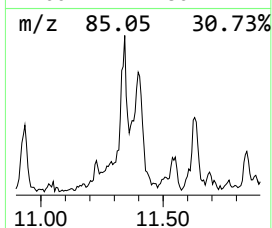
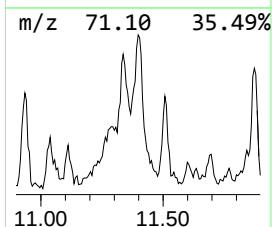
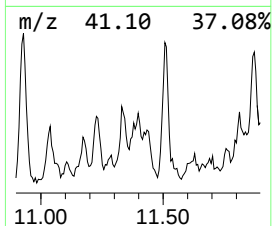
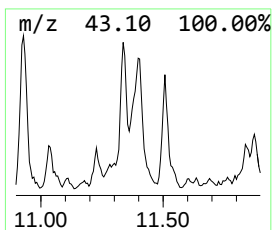
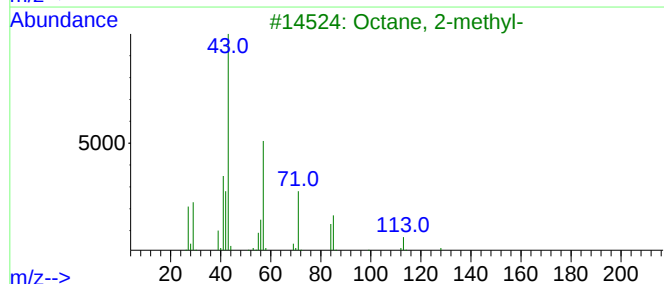
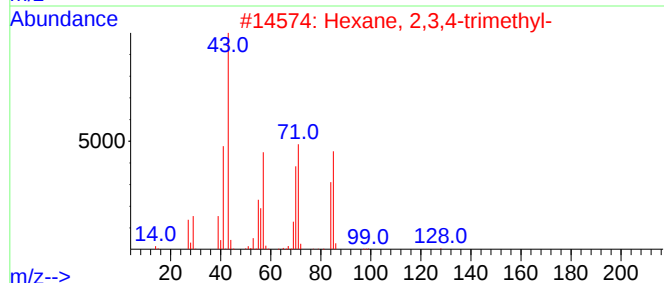
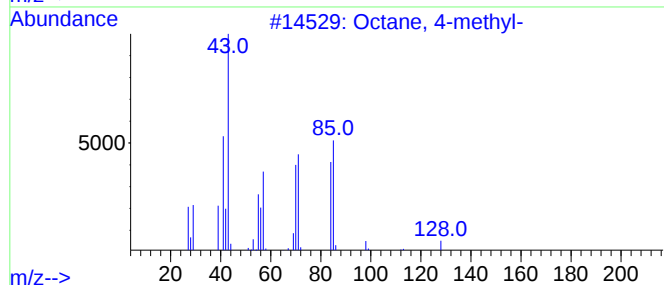
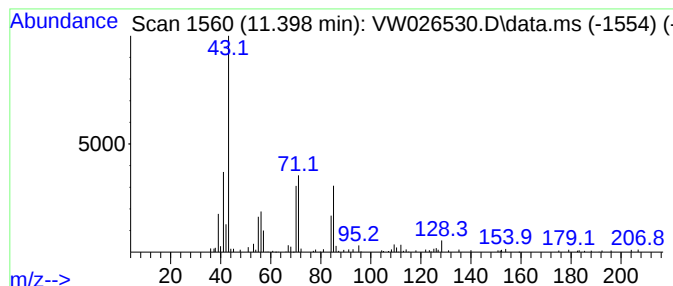
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.398	1.37 ug/L	136632	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-		128	C9H20	002216-34-4	53
2	Hexane, 2,3,4-trimethyl-		128	C9H20	000921-47-1	53
3	Octane, 2-methyl-		128	C9H20	003221-61-2	52
4	Octane, 4-methyl-		128	C9H20	002216-34-4	52
5	Hexane, 3-ethyl-		114	C8H18	000619-99-8	49



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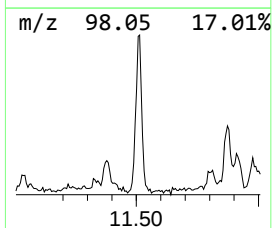
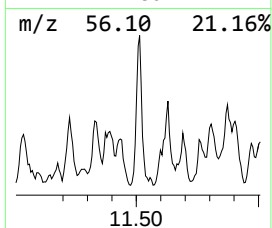
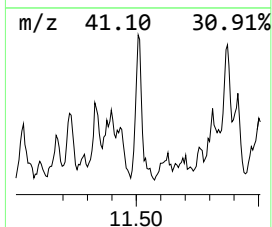
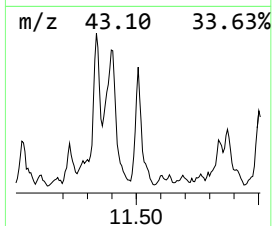
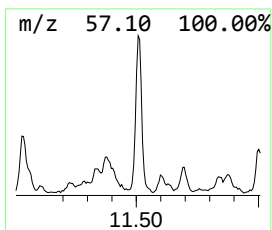
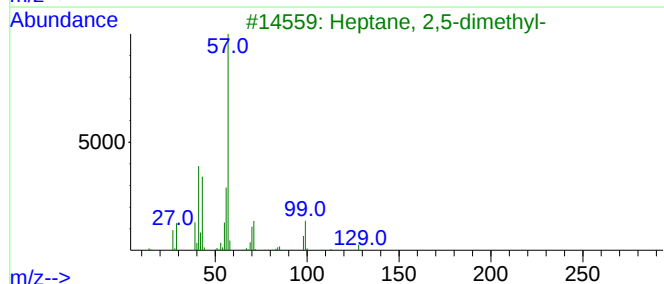
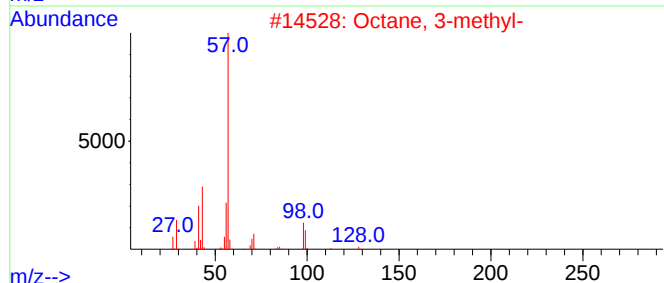
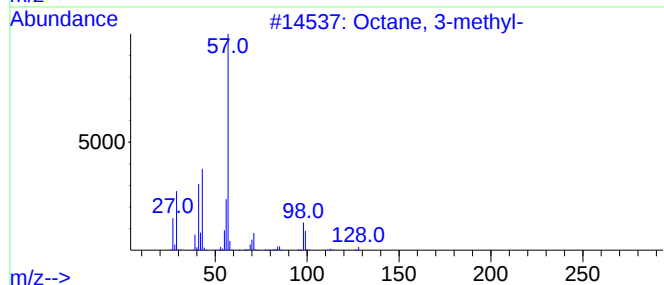
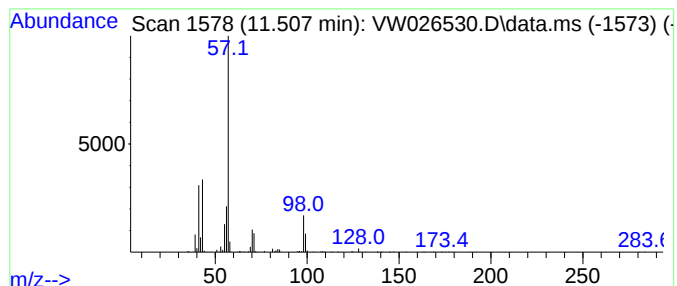
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.507	1.91 ug/L	190928	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-methyl-	128	C9H20	002216-33-3	87
2			Octane, 3-methyl-	128	C9H20	002216-33-3	83
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
4			Octane, 3-methyl-	128	C9H20	002216-33-3	64
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

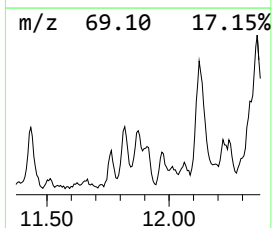
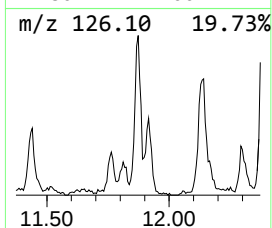
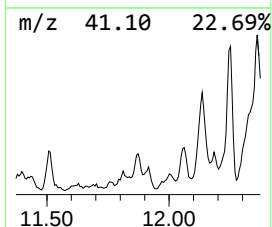
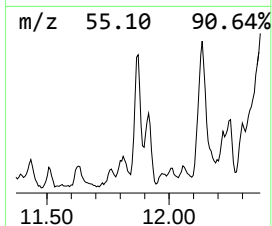
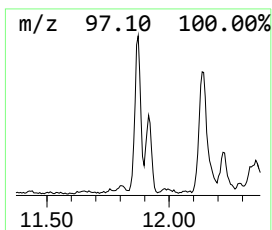
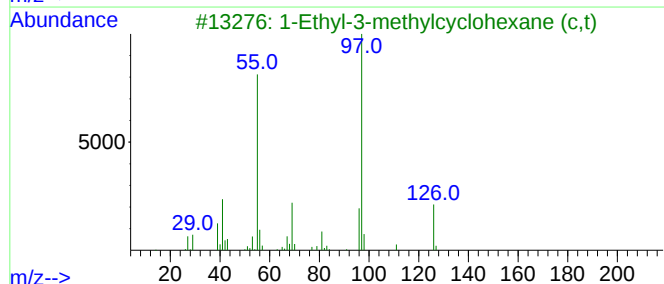
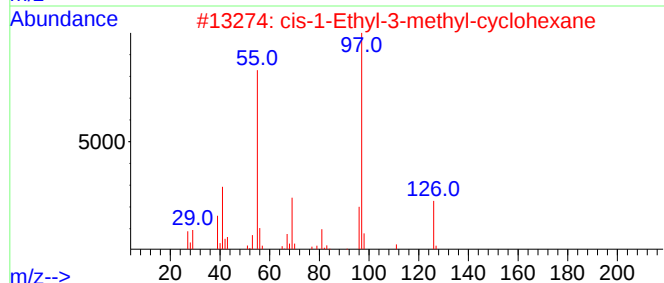
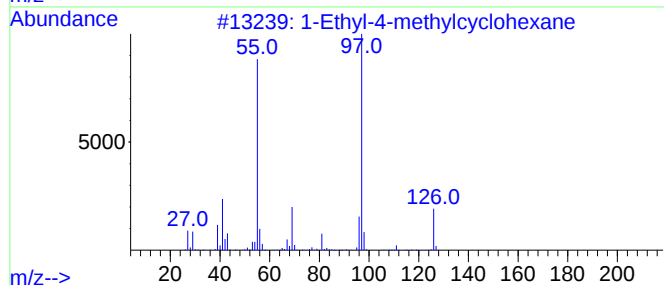
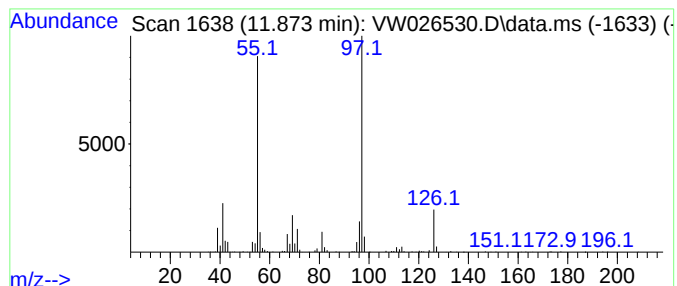
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic11.873 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.873	1.47 ug/L	146990	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	93
2			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	87
3			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
4			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	64
5			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

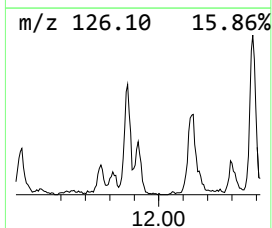
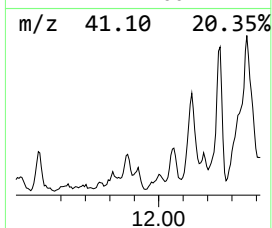
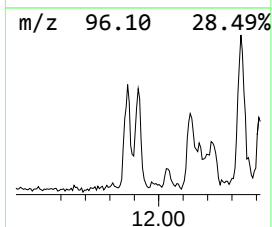
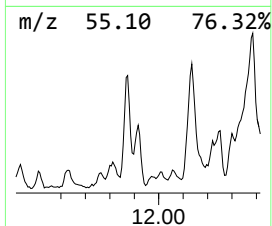
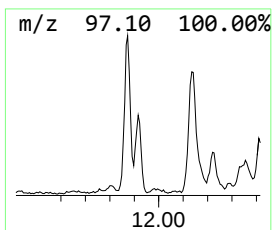
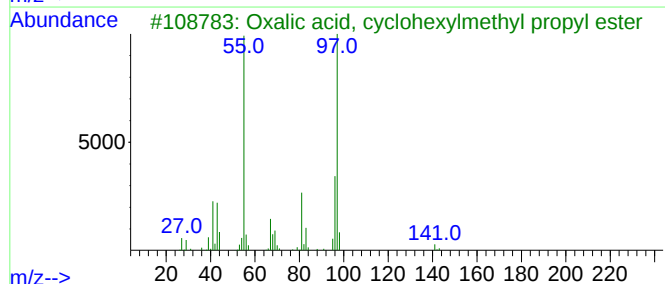
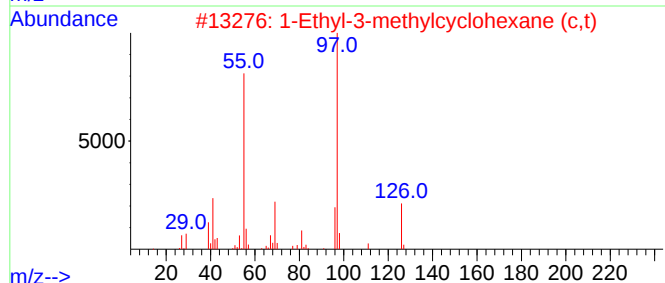
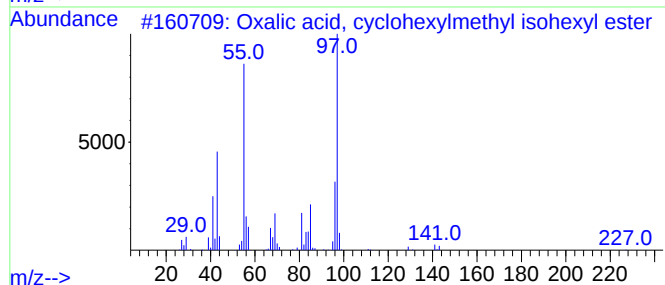
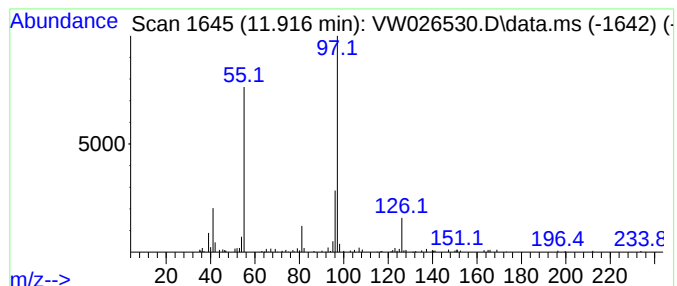
Instrument :
MSVOA_W
ClientSampleId :
A46X5

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 6 Oxalic acid, cyclohexylmeth... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.916	1.27 ug/L	126966	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	72
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
3	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1010309-68-1	64
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

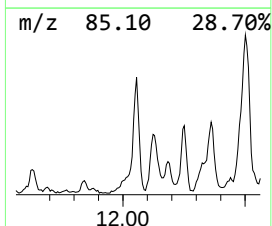
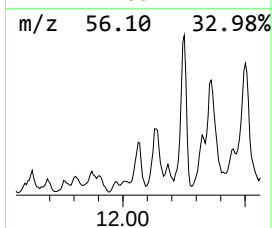
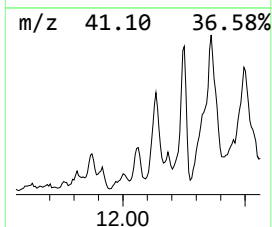
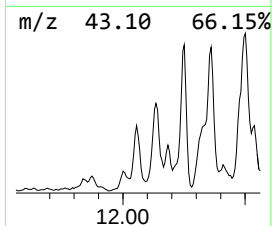
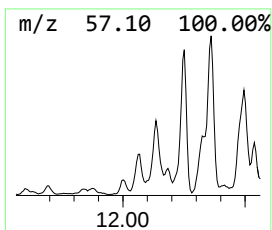
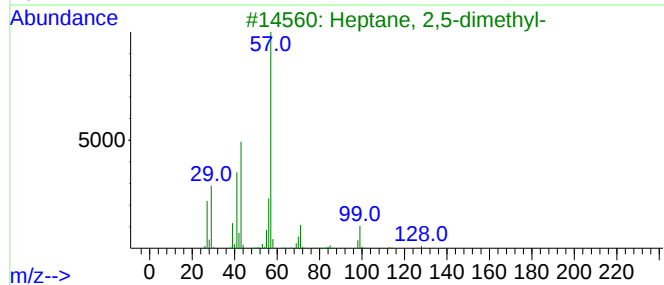
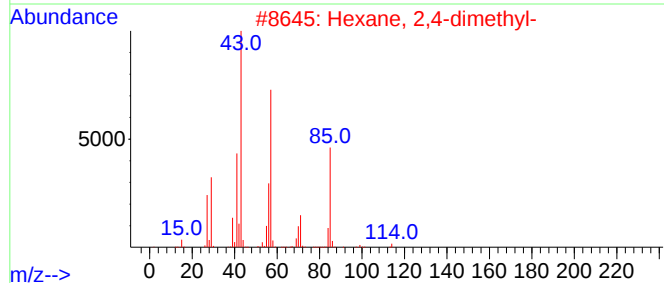
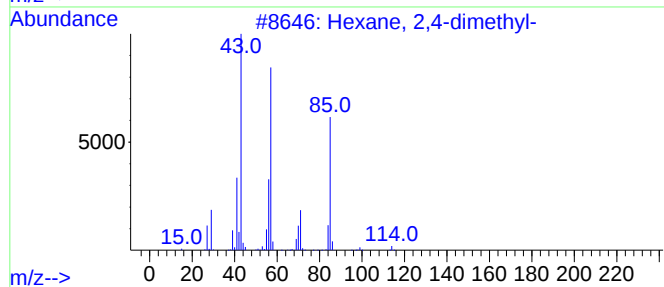
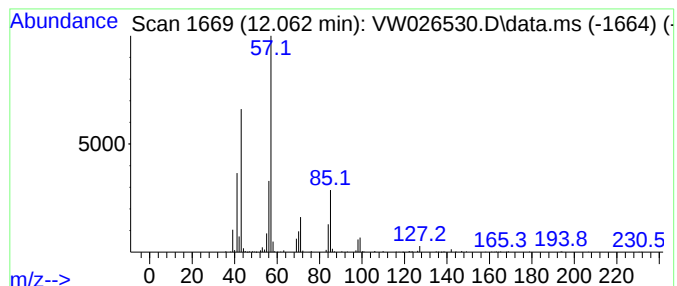
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.062	1.71 ug/L	170684	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50
4			Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	47
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

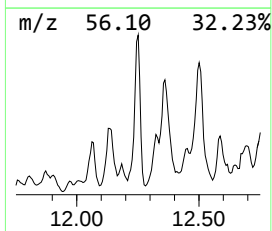
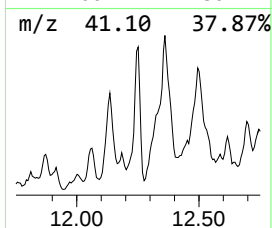
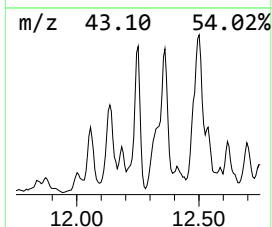
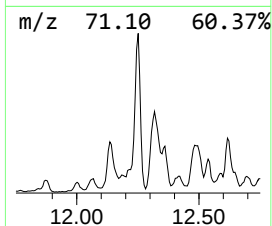
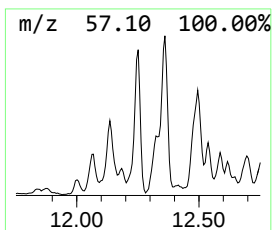
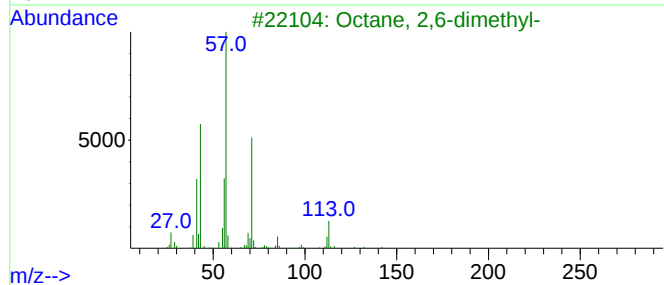
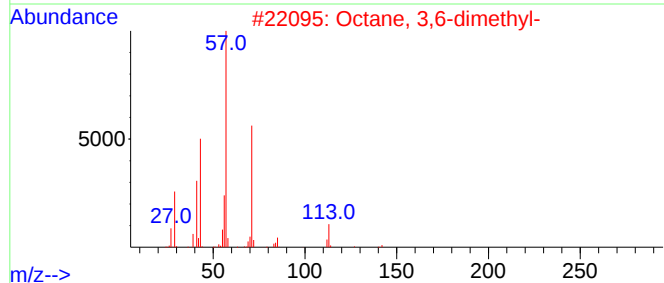
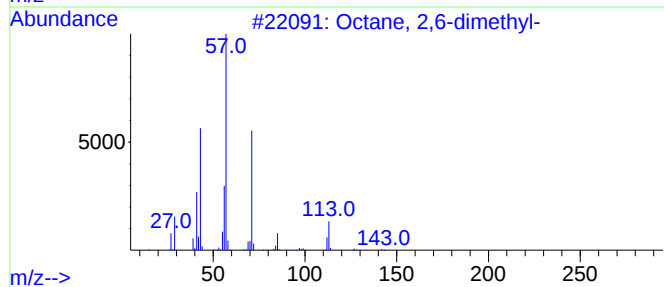
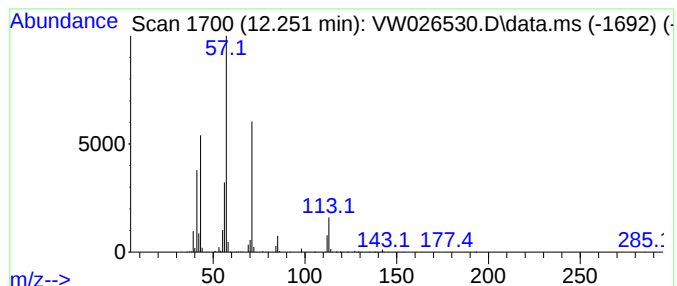
Instrument :
MSVOA_W
ClientSampleId :
A46X5

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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.251	7.29 ug/L	729697	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	91
3	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	91
4	Nonane, 3-methyl-		142	C10H22	005911-04-6	86
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

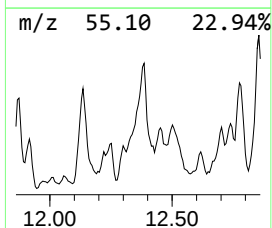
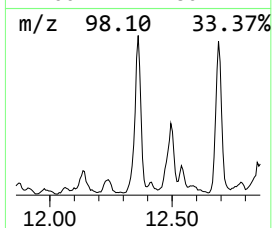
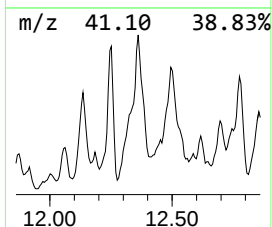
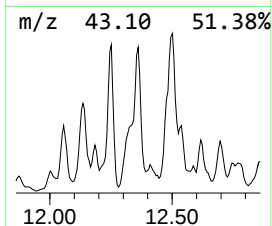
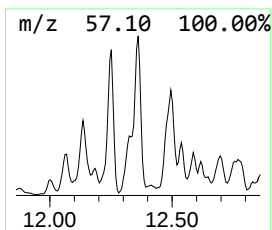
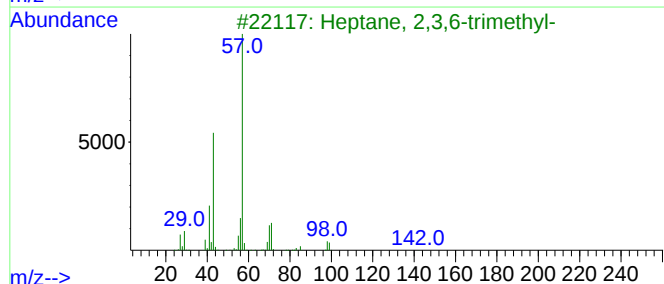
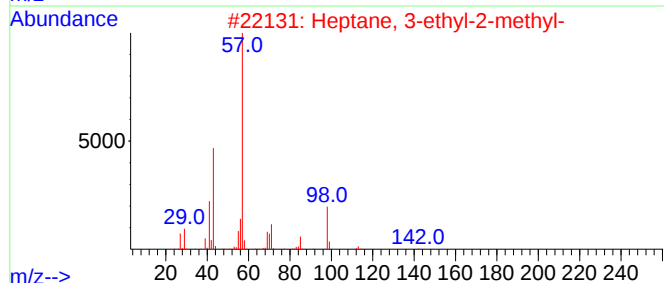
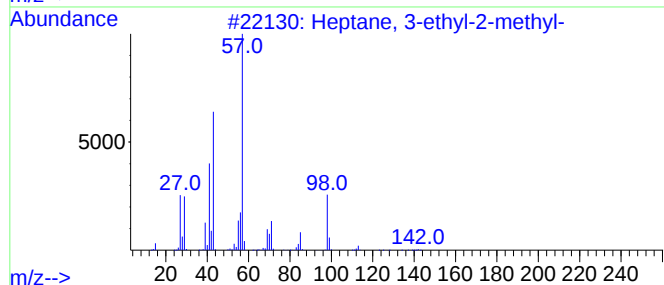
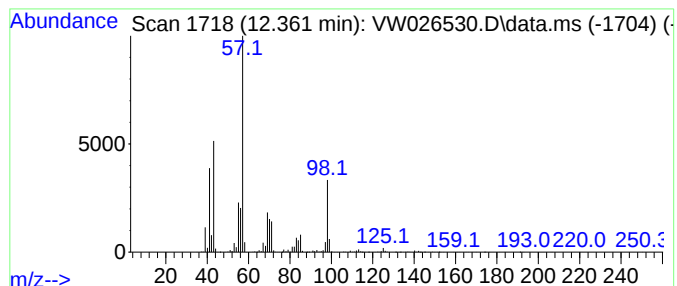
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	17.89 ug/L	1789930	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	91
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
3			Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	53
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	52
5			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

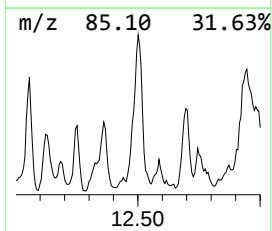
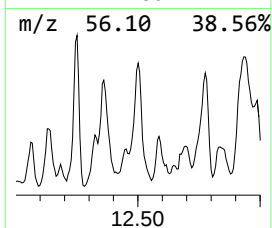
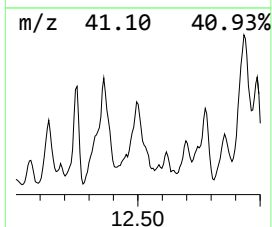
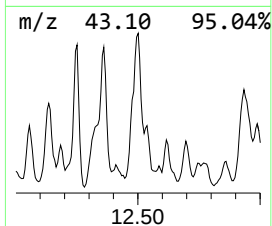
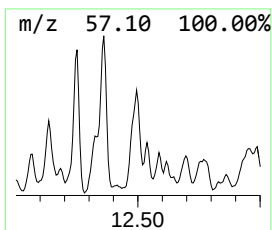
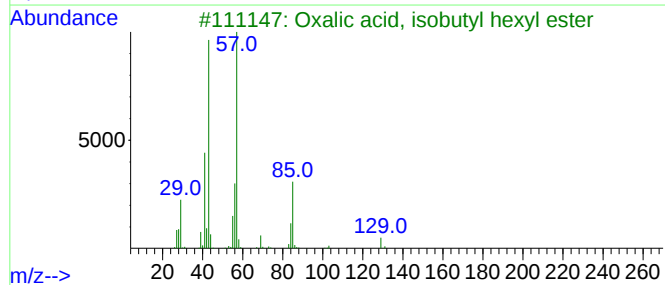
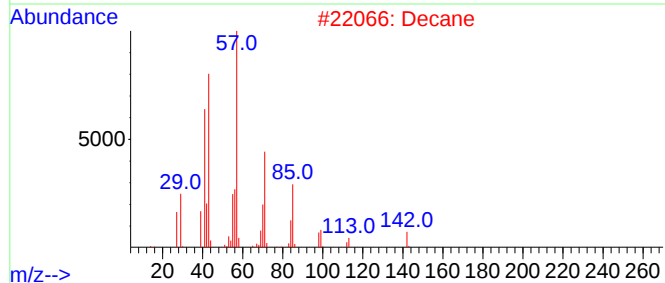
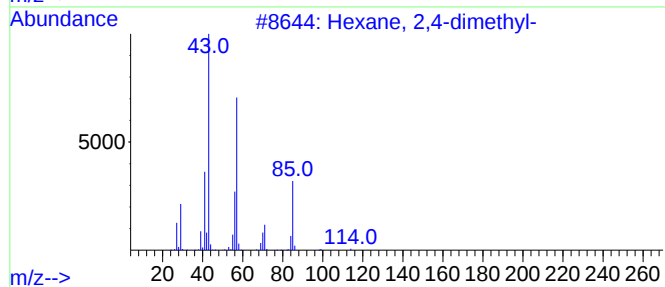
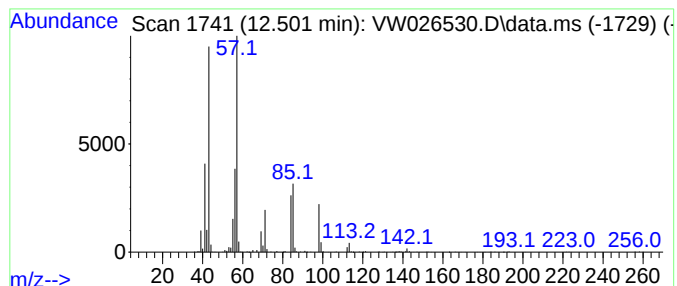
Instrument :
MSVOA_W
ClientSampleId :
A46X5

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.501	10.83 ug/L	1083950	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	Decane		142	C10H22	000124-18-5	50
3	Oxalic acid, isobutyl hexyl ester		230	C12H22O4	1000309-37-1	50
4	Heptane, 3-methyl-		114	C8H18	000589-81-1	47
5	Hexane, 2,2,3,3-tetramethyl-		142	C10H22	013475-81-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

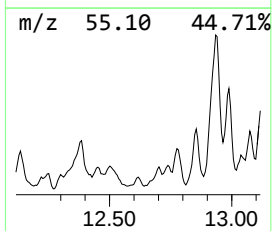
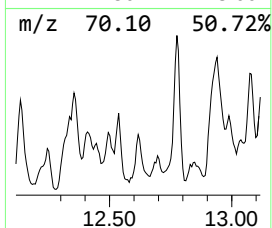
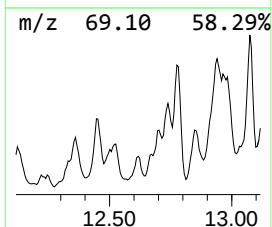
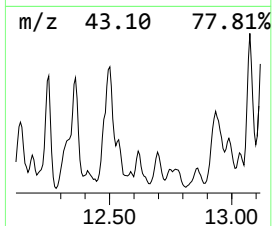
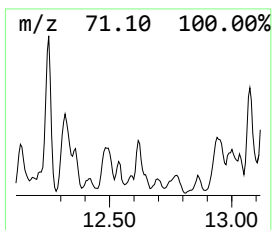
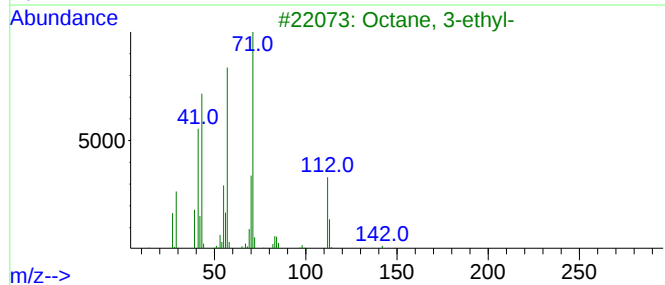
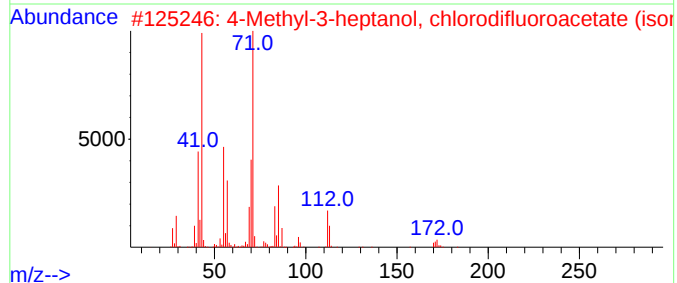
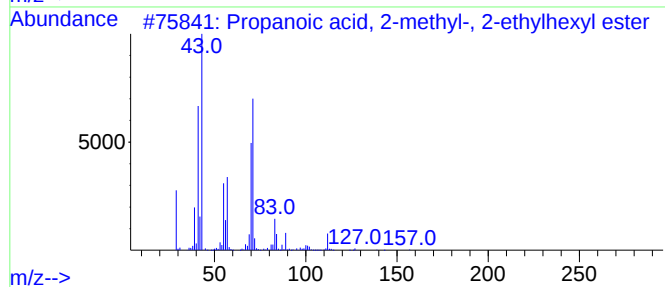
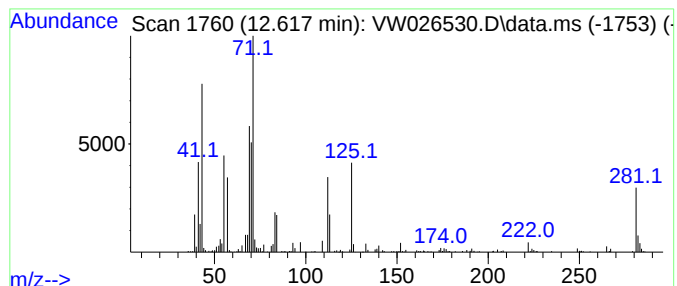
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Quant Title : SFAM01.0

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

Peak Number 11 unknown-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.617	4.86 ug/L	250845	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	47
2			4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-28-3	47
3			Octane, 3-ethyl-	142	C10H22	005881-17-4	46
4			1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	43
5			4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-27-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

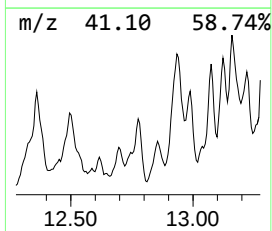
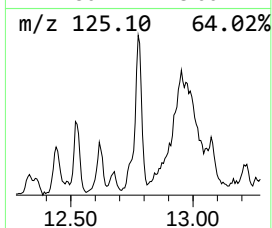
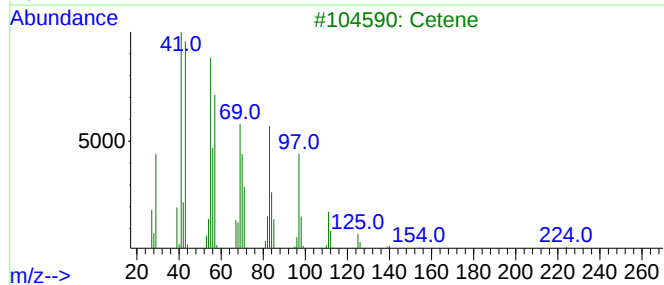
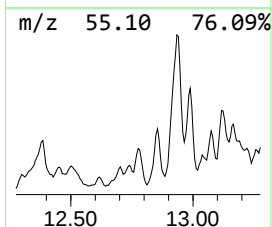
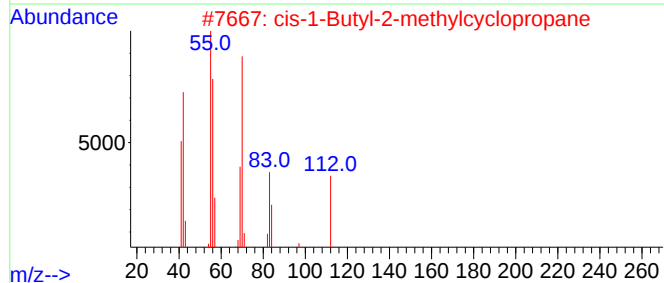
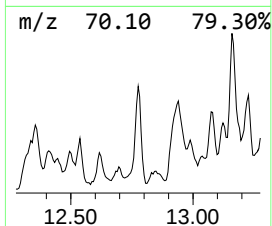
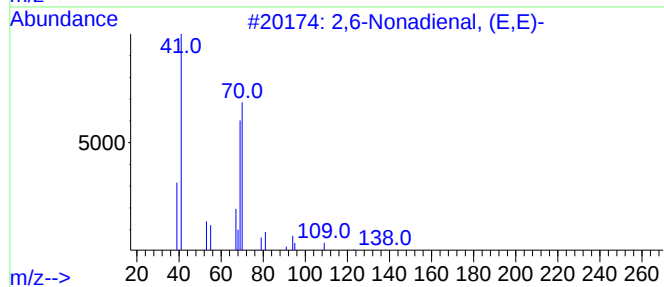
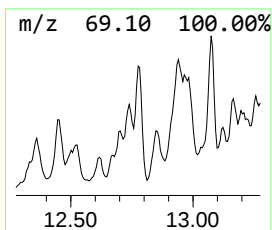
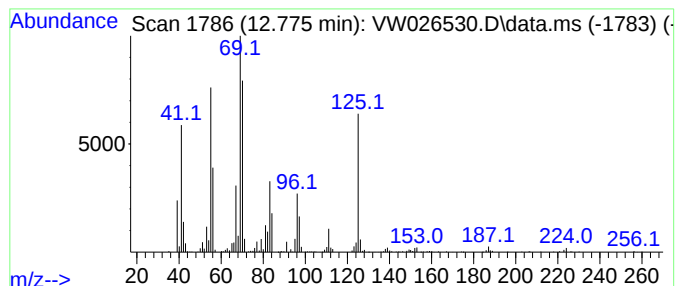
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Quant Title : SFAM01.0

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

Peak Number 12 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	9.72 ug/L	501942	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6-Nonadienal, (E,E)-	138	C9H14O	017587-33-6	43
2			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	38
3			Cetene	224	C16H32	000629-73-2	38
4			trans-2-Methyl-3-octene	126	C9H18	052937-36-7	35
5			5-Undecene, 7-methyl-, (Z)-	168	C12H24	074630-62-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

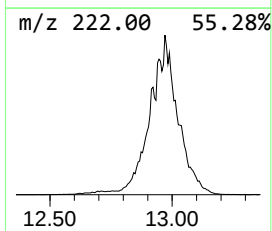
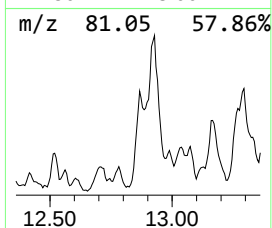
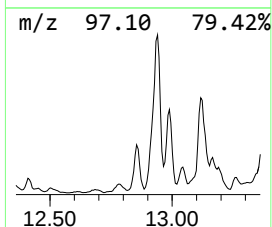
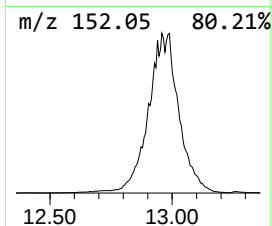
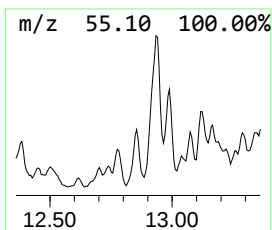
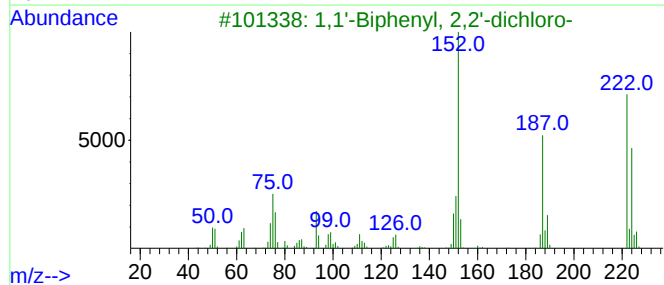
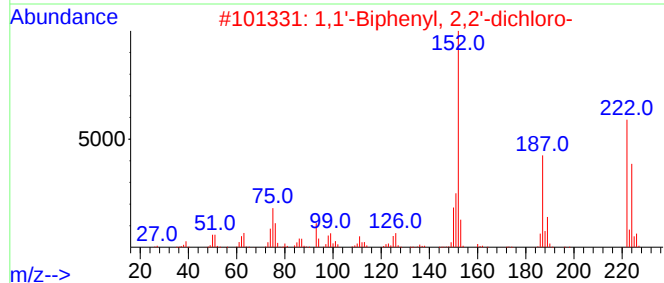
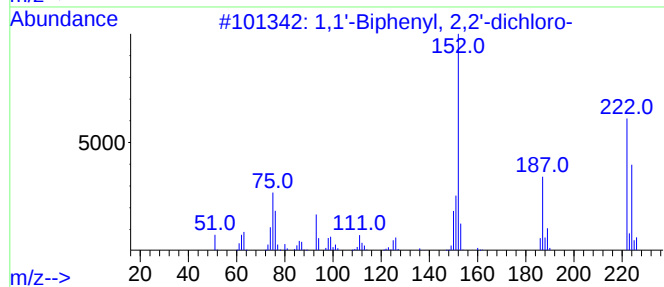
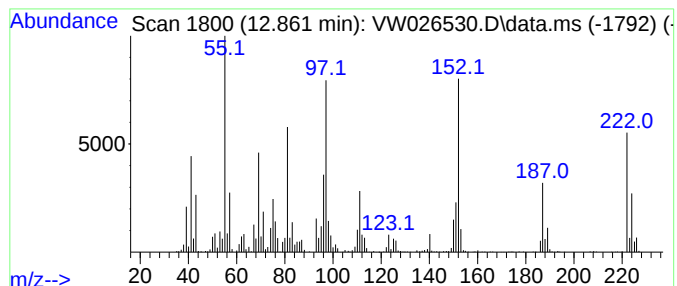
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Quant Title : SFAM01.0

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

Peak Number 13 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	15.85 ug/L	818796	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97		
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97		
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	96		
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	95		
5	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	95		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

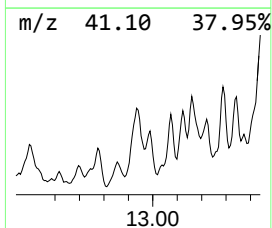
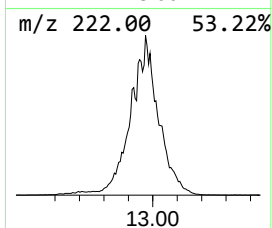
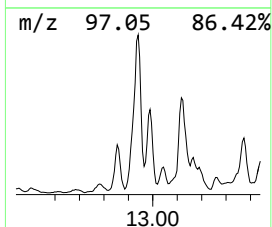
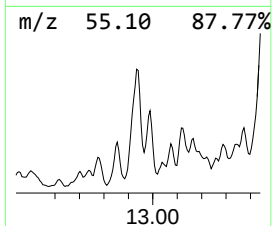
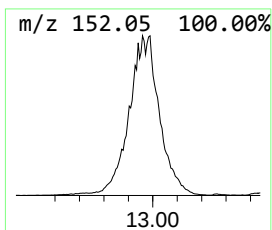
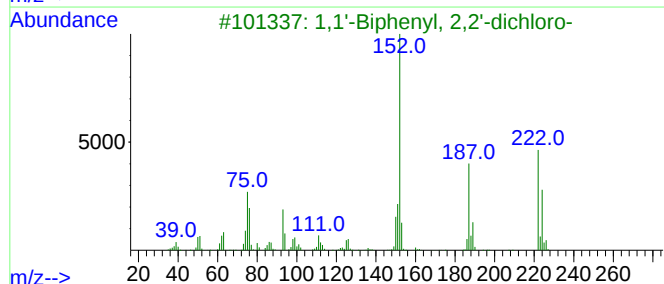
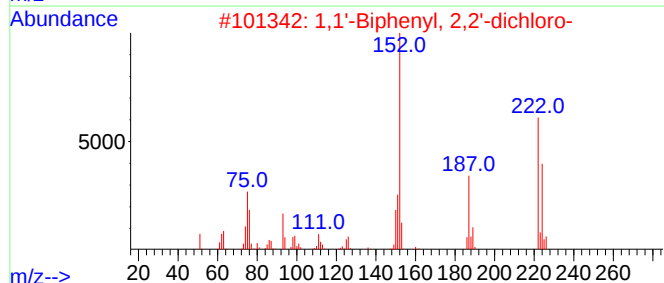
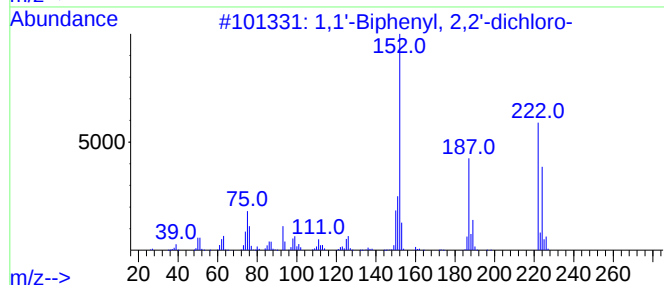
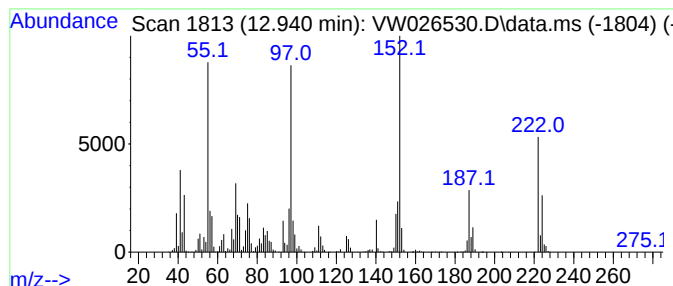
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Quant Title : SFAM01.0

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

Peak Number 14 1,1'-Biphenyl, 2,6-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	77.03 ug/L	3979820	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	93		
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	87		
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	78		
4	1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	70		
5	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	64		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

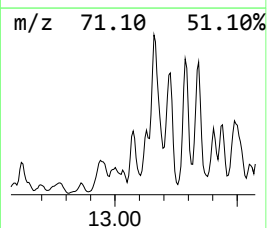
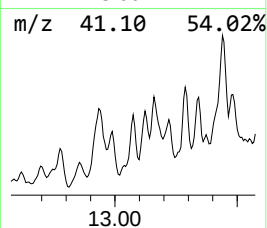
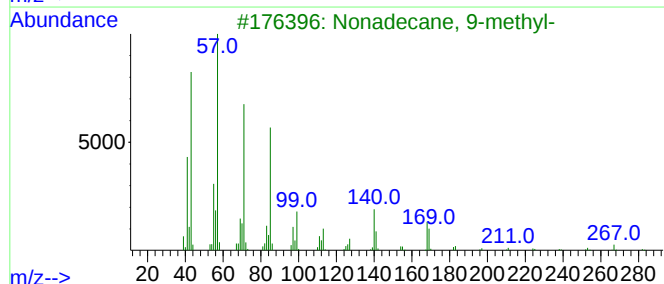
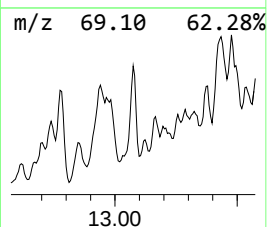
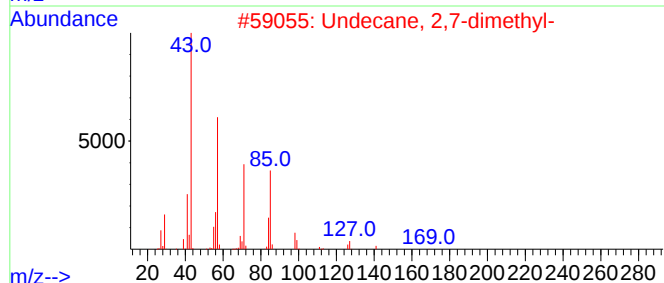
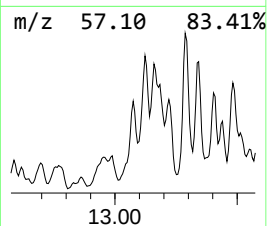
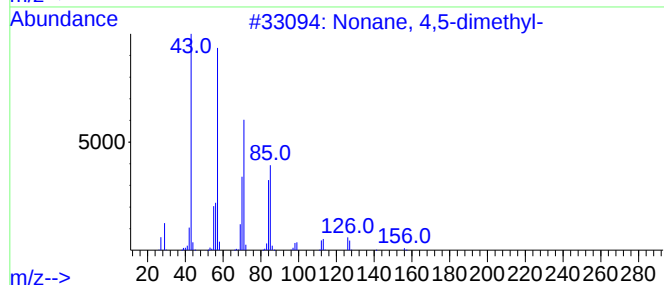
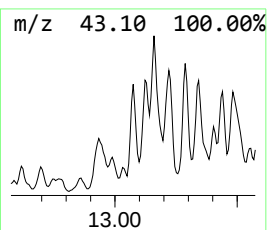
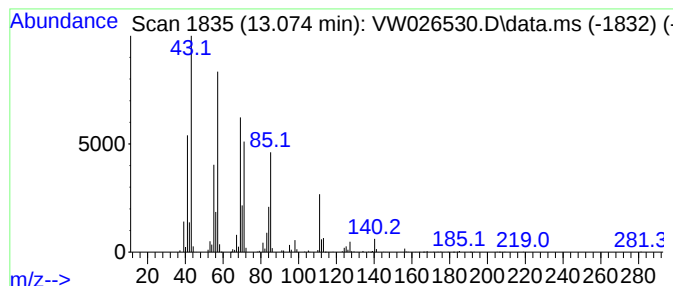
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.074	12.98 ug/L	670487	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-		156	C11H24	017302-23-7	76
2	Undecane, 2,7-dimethyl-		184	C13H28	017301-24-5	59
3	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	59
4	Undecane, 5-methyl-		170	C12H26	001632-70-8	53
5	Sulfurous acid, pentadecyl 2-pro...		334	C18H38O3S	1000309-12-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

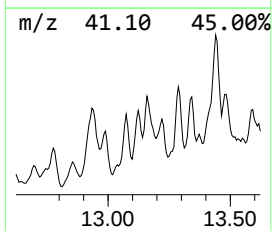
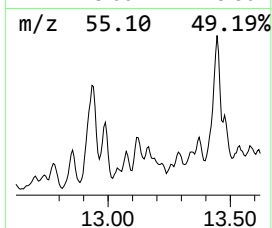
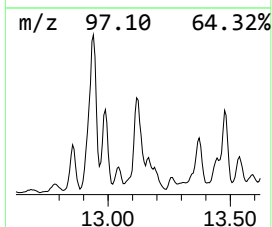
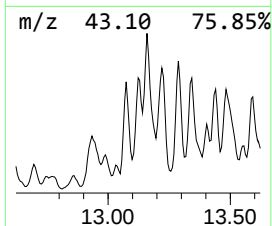
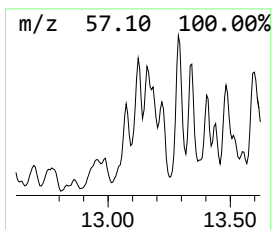
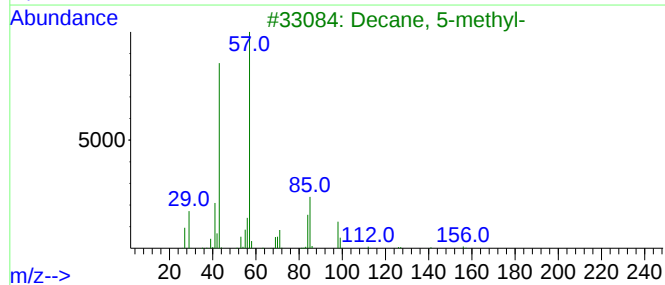
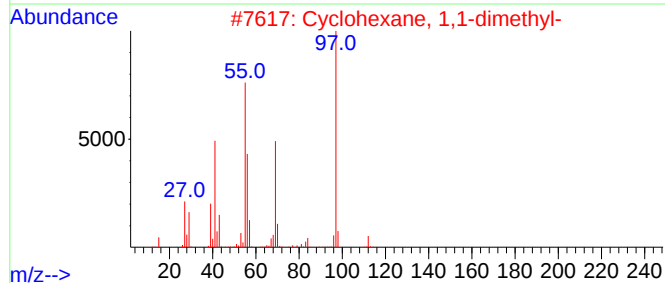
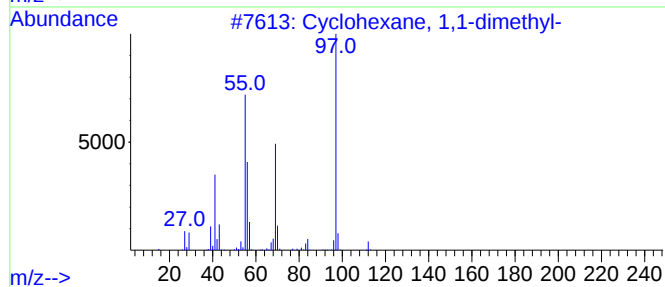
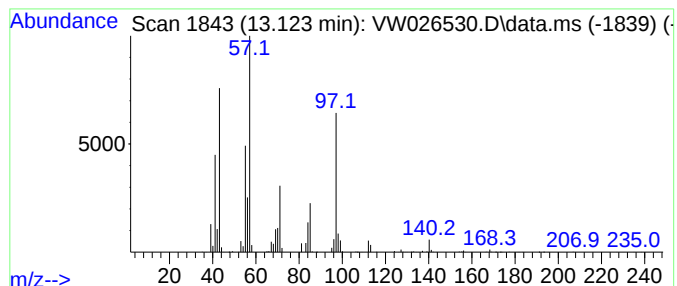
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Cyclic13.123 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	10.36 ug/L	535481	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	50
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	50
3			Decane, 5-methyl-	156	C11H24	013151-35-4	43
4			Pentadecane	212	C15H32	000629-62-9	43
5			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

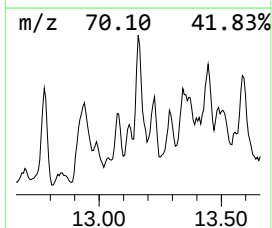
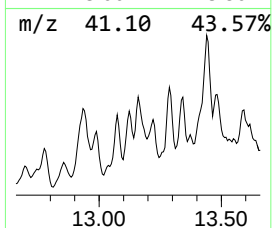
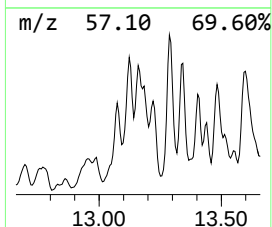
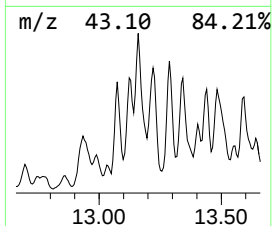
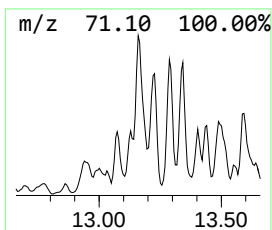
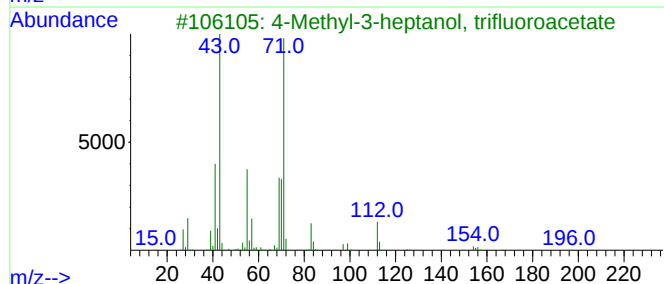
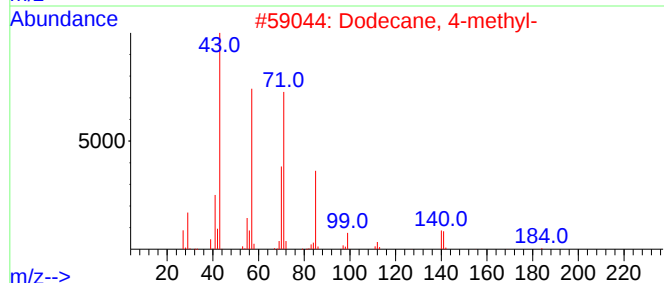
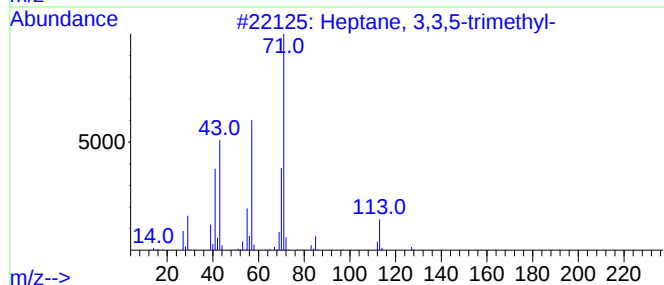
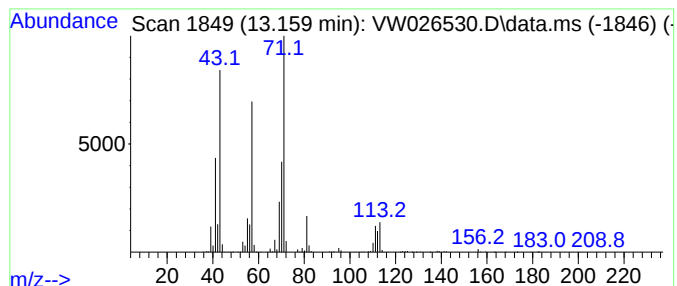
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.159	12.44 ug/L	642719	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	59
3	4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	53
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	53
5	Decane, 4-methyl-	156	C11H24	002847-72-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

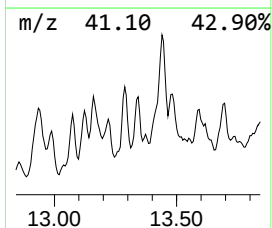
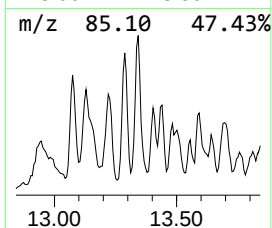
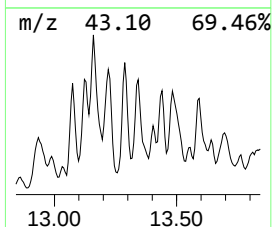
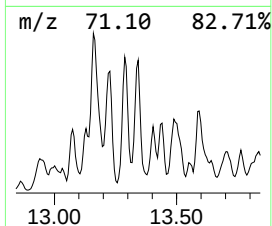
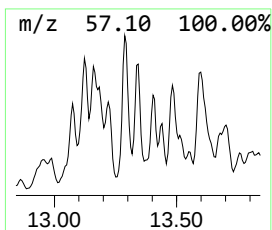
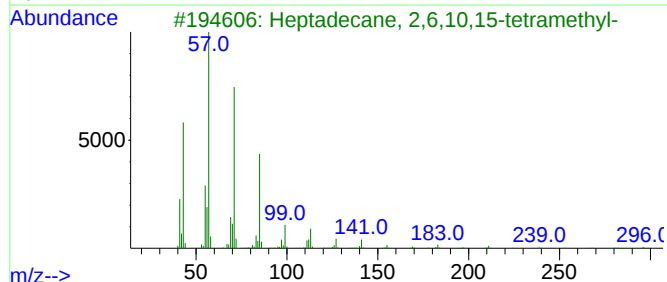
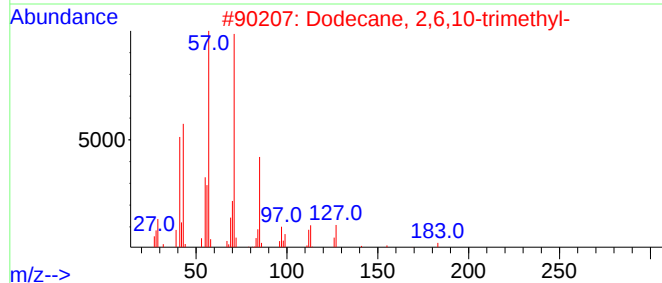
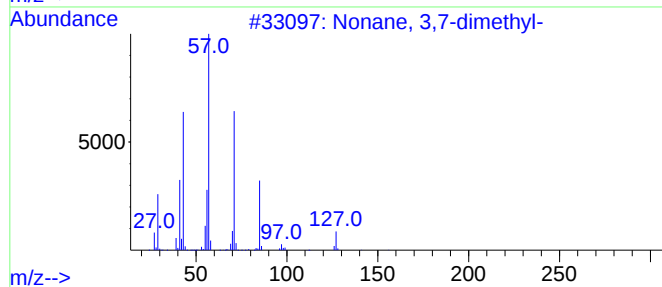
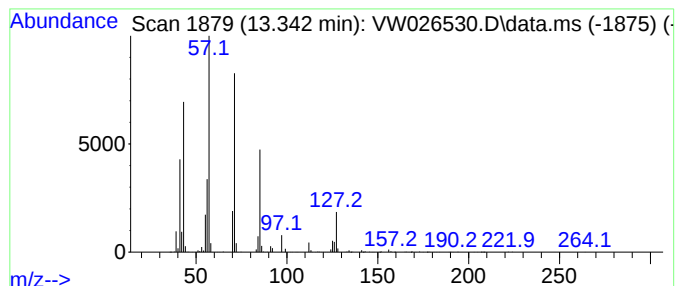
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MSVOA_W
ClientSampleId :
A46X5

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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.342	11.24 ug/L	580496	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	91
2	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	78
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	72
4	1-Octadecanesulphonyl chloride		352	C18H37ClO2S	1000342-70-4	72
5	Tridecane, 3-methyl-		198	C14H30	006418-41-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

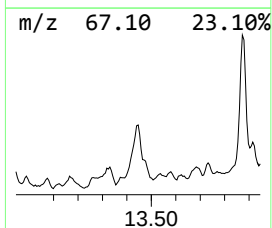
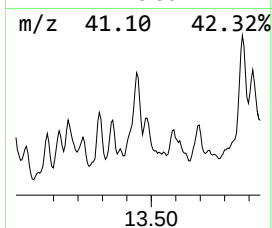
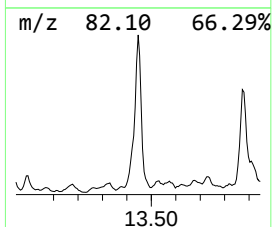
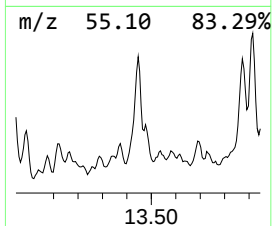
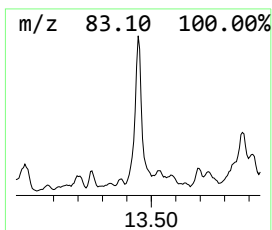
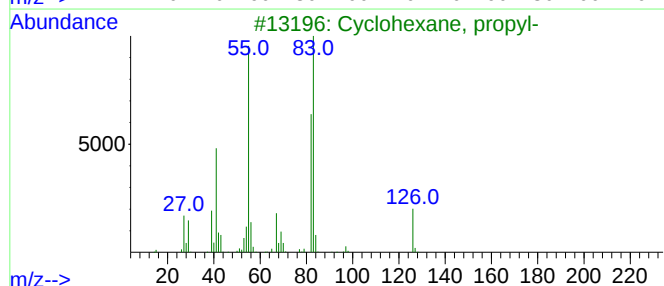
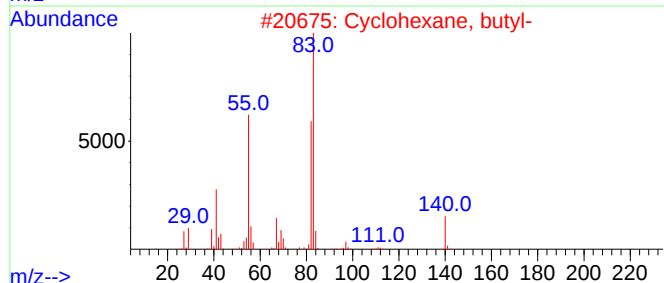
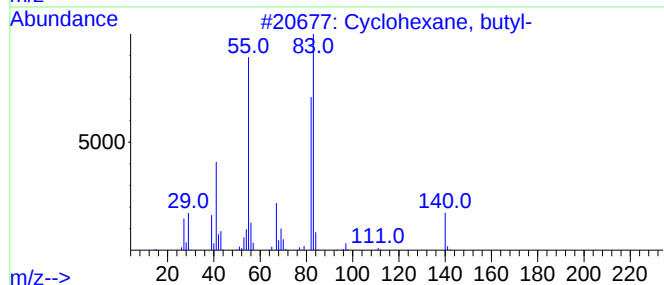
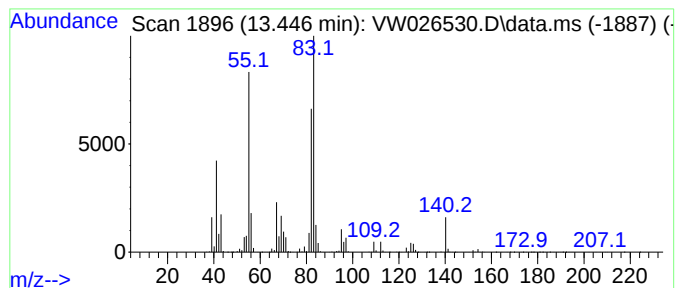
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Cyclic13.446 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	42.02 ug/L	2170940	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	81
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	80
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

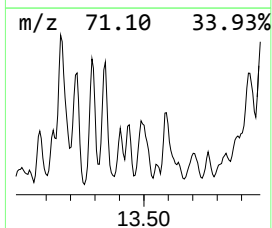
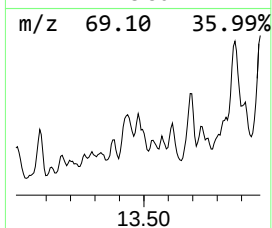
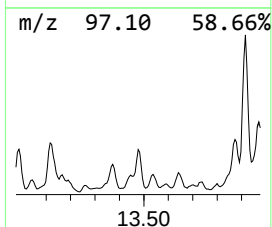
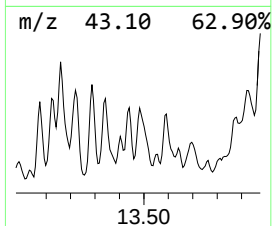
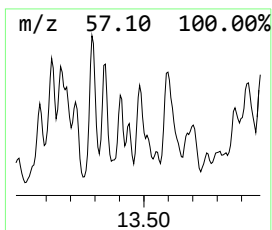
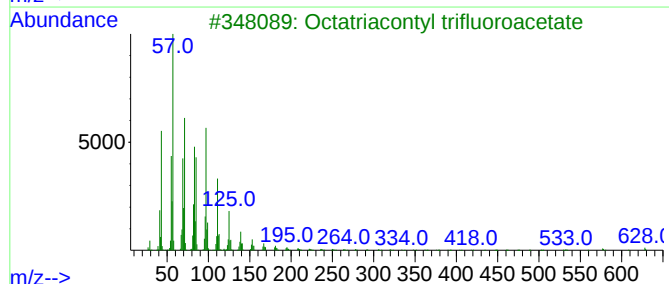
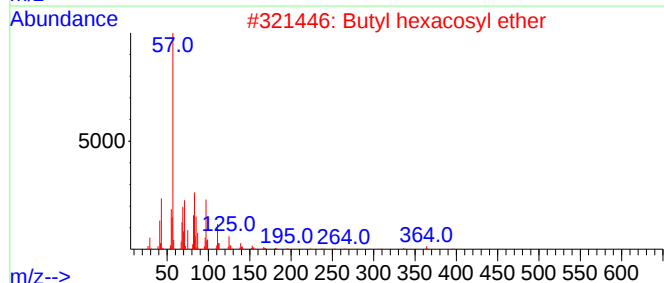
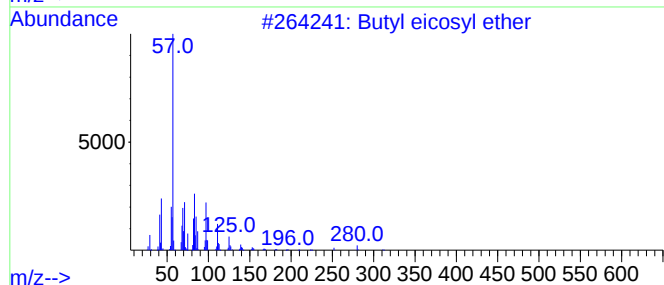
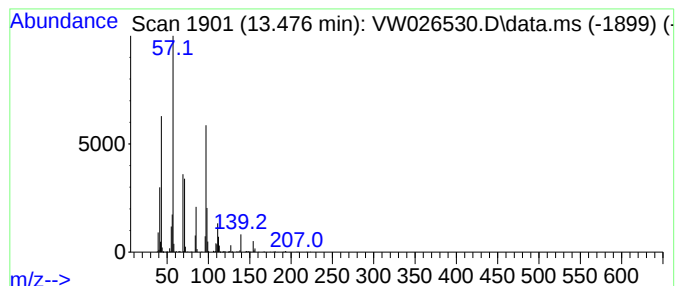
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Quant Title : SFAM01.0

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

Peak Number 20 Butyl eicosyl ether Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.476	11.89 ug/L	614499	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butyl eicosyl ether	354	C24H50O	1000406-40-7	50
2			Butyl hexacosyl ether	438	C30H62O	1000406-41-0	50
3			Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	47
4			Hexacosyl propyl ether	424	C29H60O	1000406-28-4	43
5			Propyl triacontyl ether	481	C33H68O	1000406-28-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

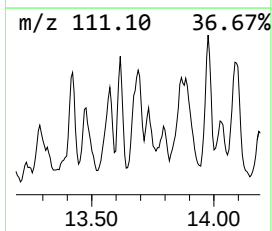
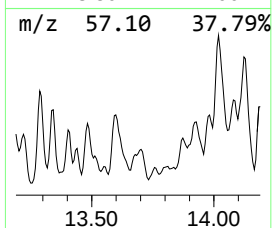
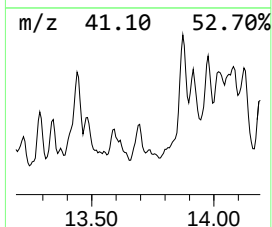
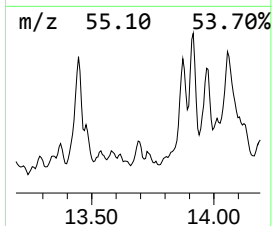
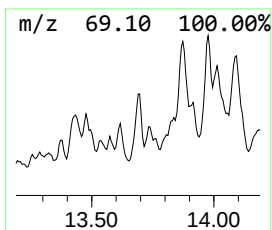
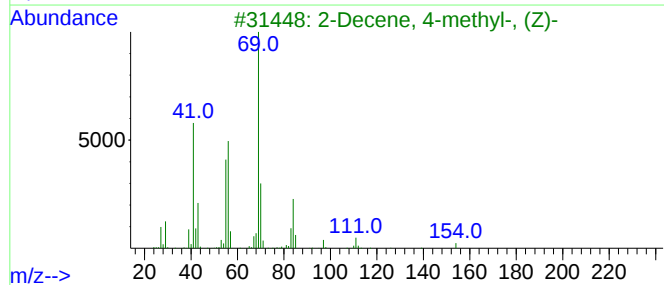
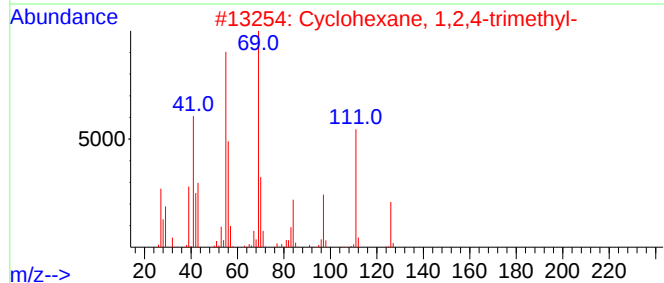
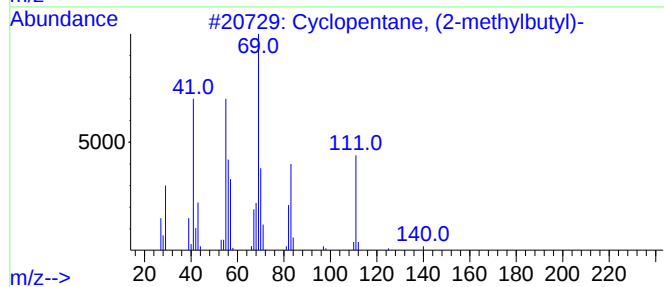
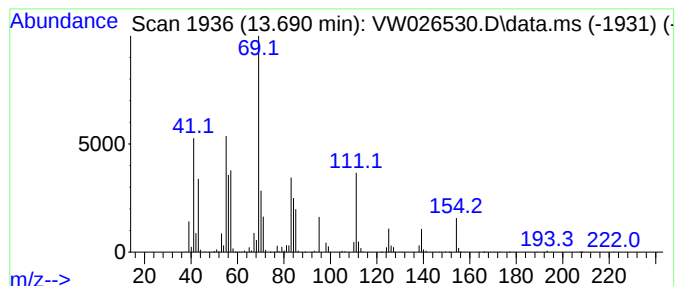
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic13.690 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.690	16.23 ug/L	838595	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	64
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	58
3			2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	53
4			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	52
5			Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

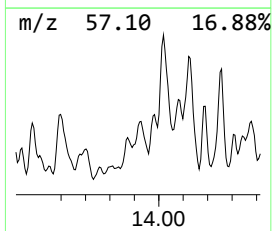
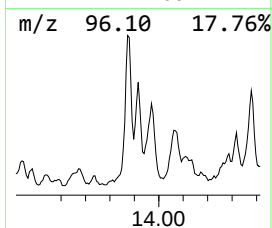
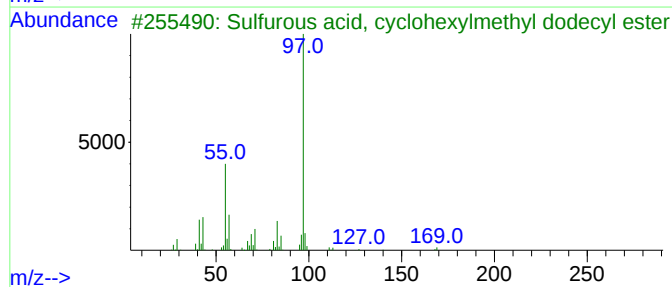
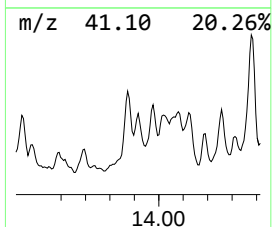
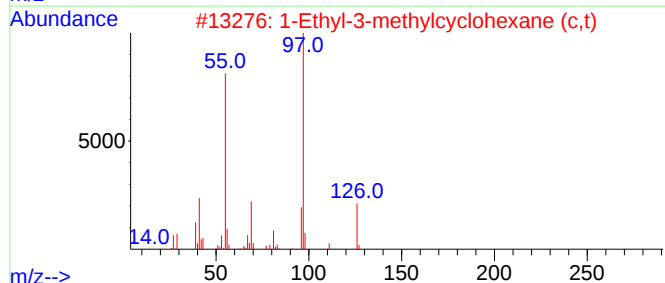
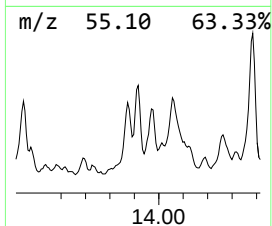
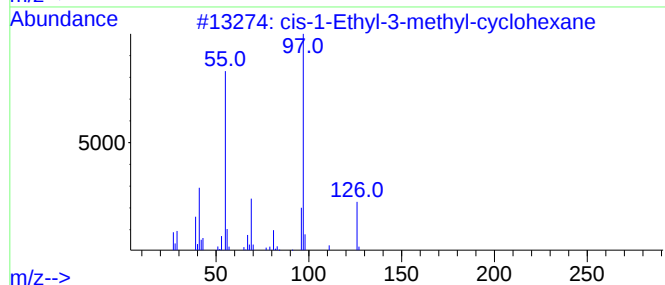
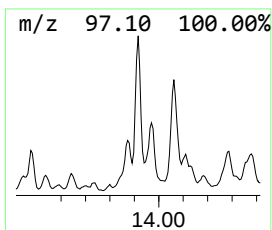
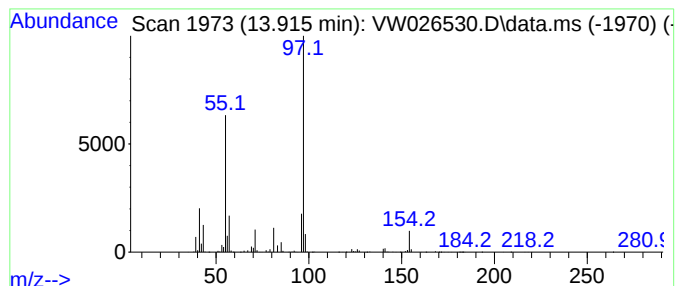
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Cyclic13.915 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.915	20.30 ug/L	1049060	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	59
2			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	59
3			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	50
4			Succinic acid, cyclohexylmethyl ...	358	C17H20Cl2O4	1000390-15-3	42
5			Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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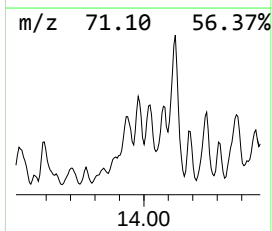
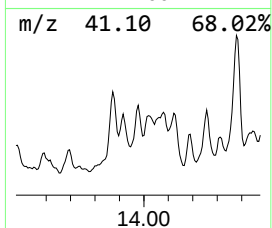
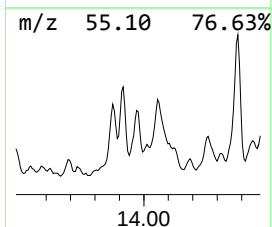
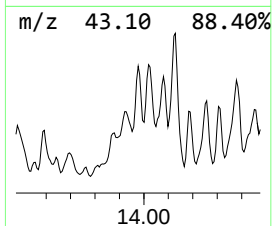
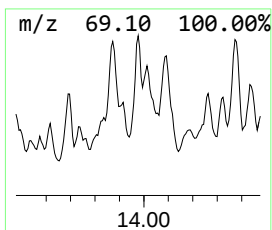
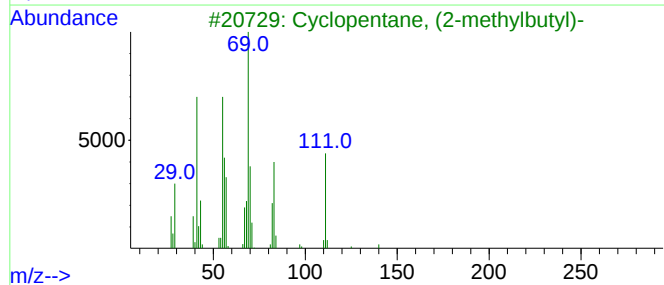
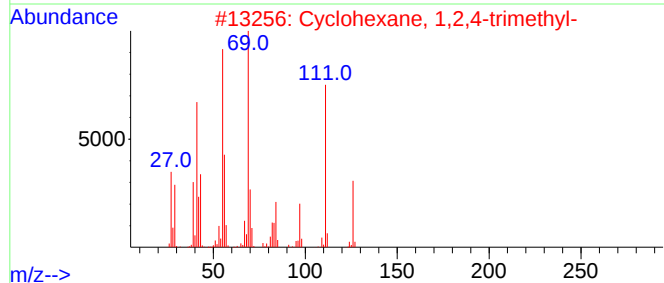
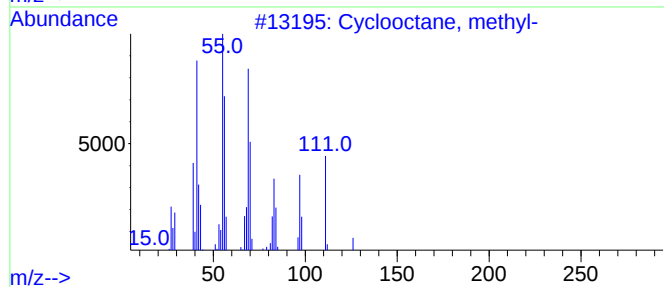
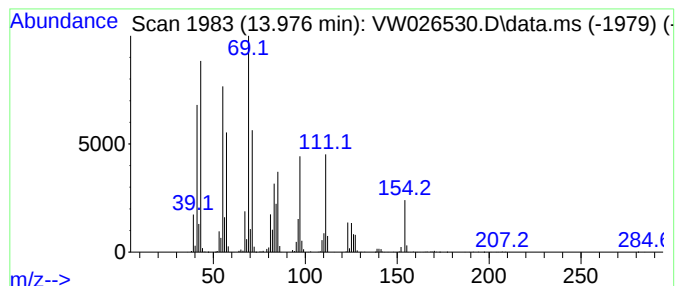
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Cyclic13.976 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.976	19.91 ug/L	1028540	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, methyl-	126	C9H18	001502-38-1	49
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	45
3			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	38
4			Cyclopentanecarboxylic acid, 4-n...	235	C12H13NO4	1000307-58-0	27
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

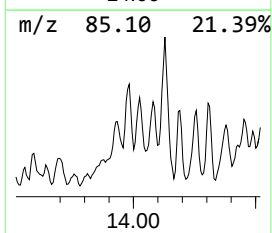
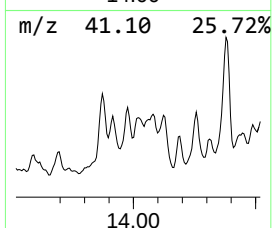
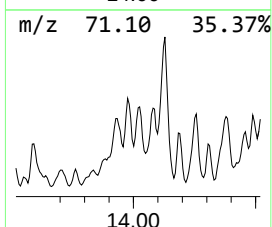
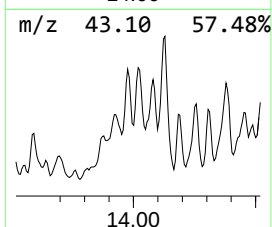
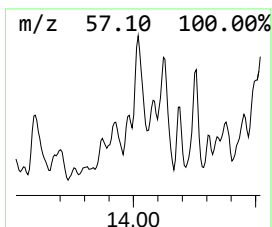
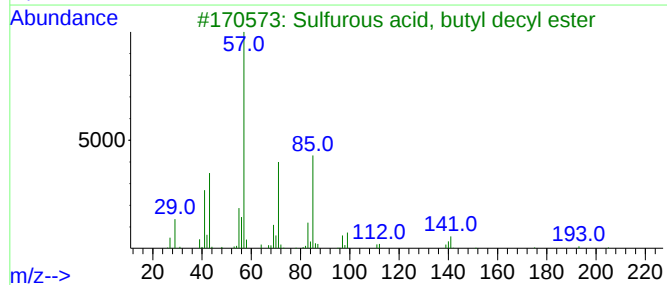
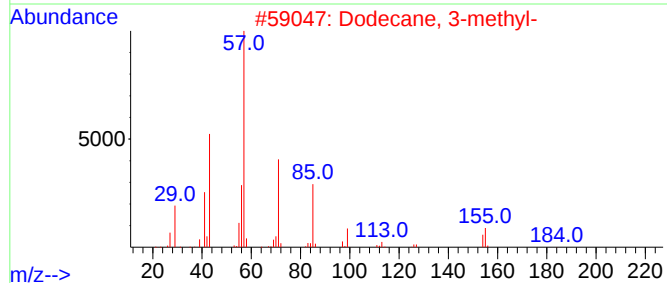
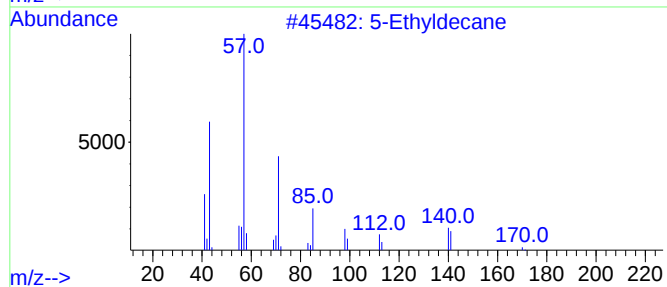
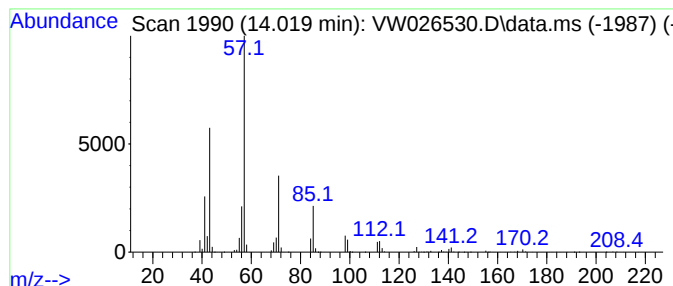
Instrument :
MSVOA_W
ClientSampleId :
A46X5

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.019	13.05 ug/L	674214	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	64
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
3	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	53
4	Tetradecane	198	C14H30	000629-59-4	53
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

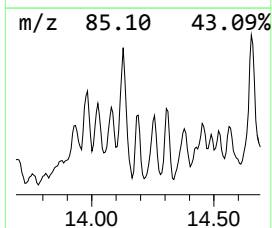
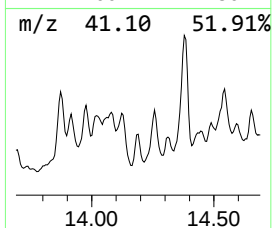
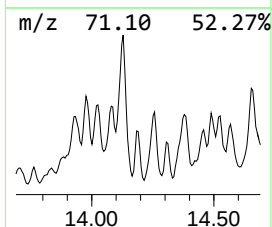
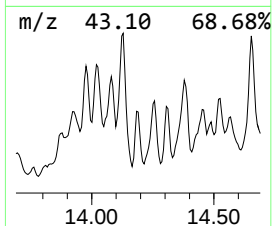
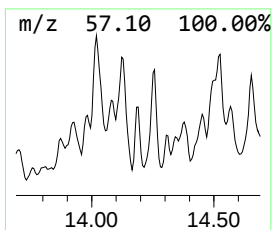
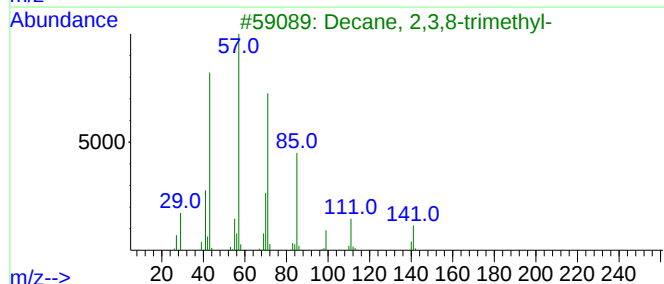
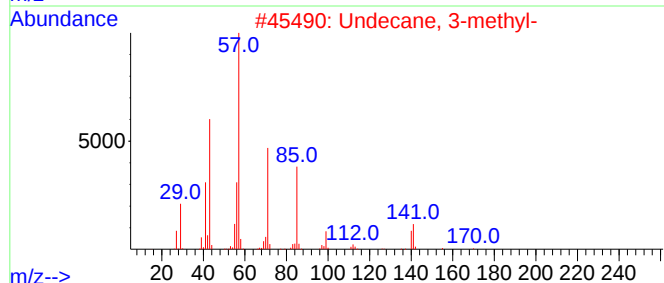
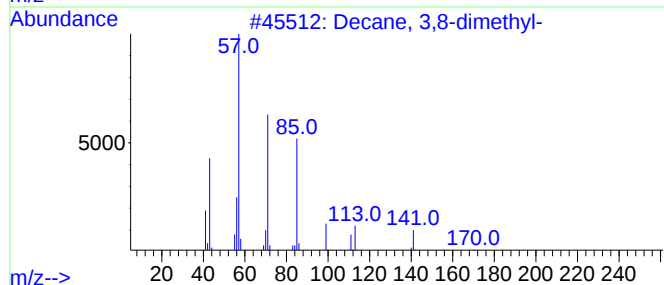
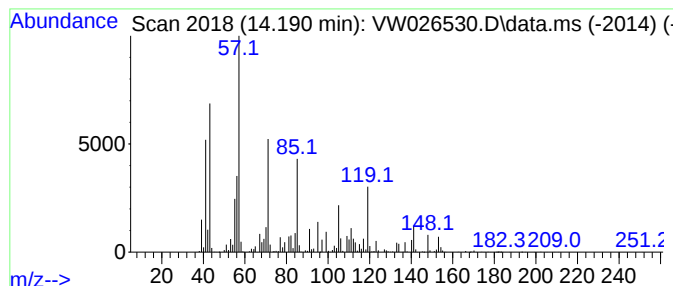
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	21.81 ug/L	1127010	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	70
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	62
3			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	52
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	49
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

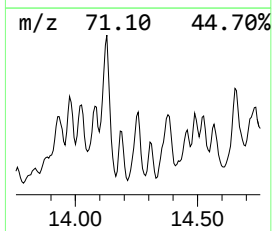
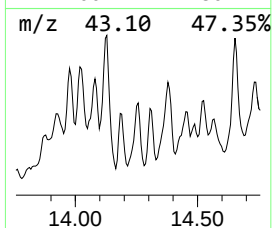
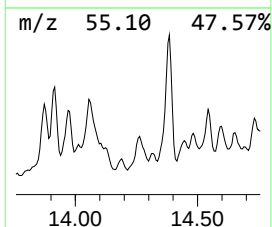
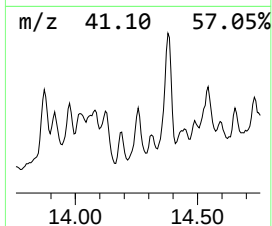
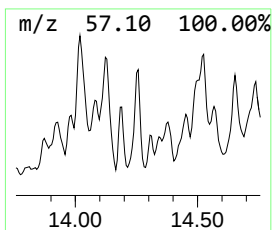
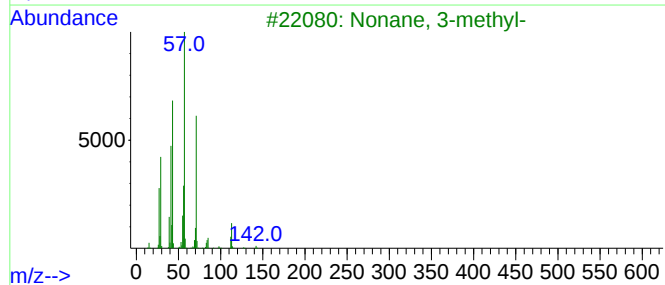
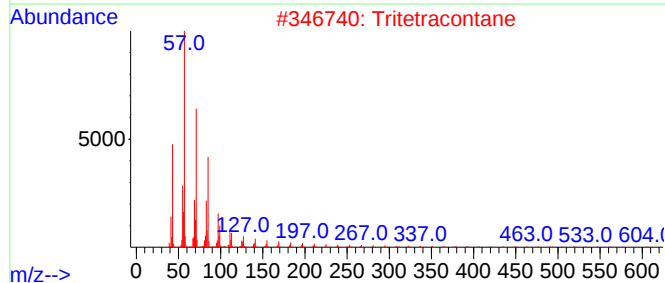
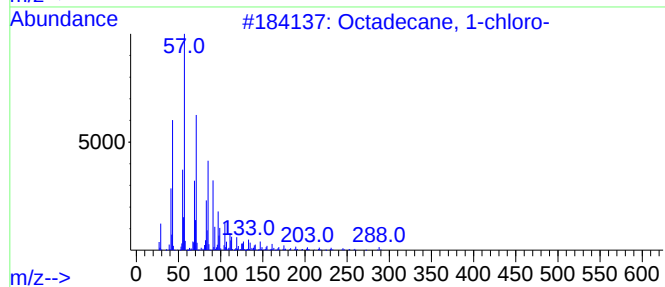
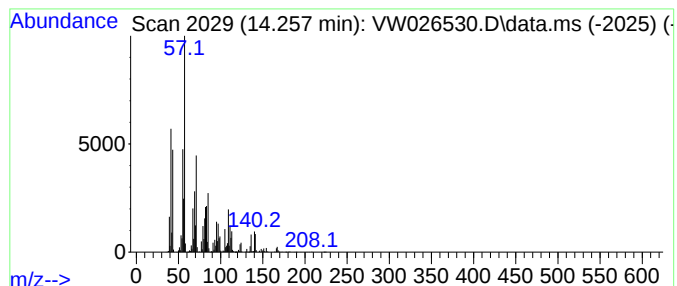
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Quant Title : SFAM01.0

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

Peak Number 26 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	29.89 ug/L	1544140	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	38
2		Tritetracontane	605	C43H88	007098-21-7	38
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	35
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	30
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

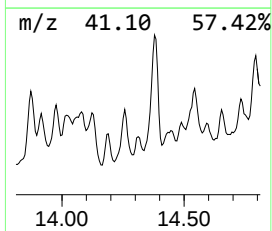
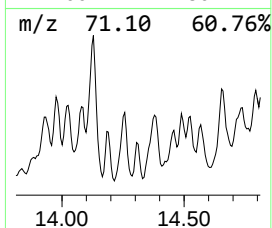
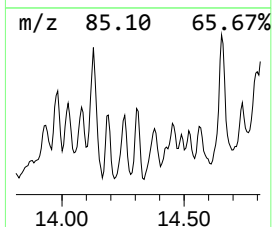
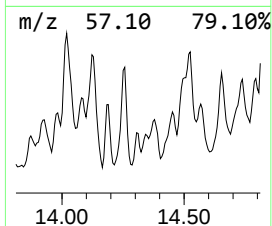
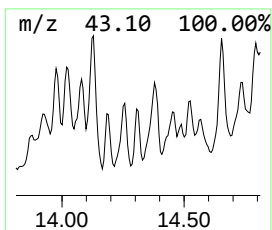
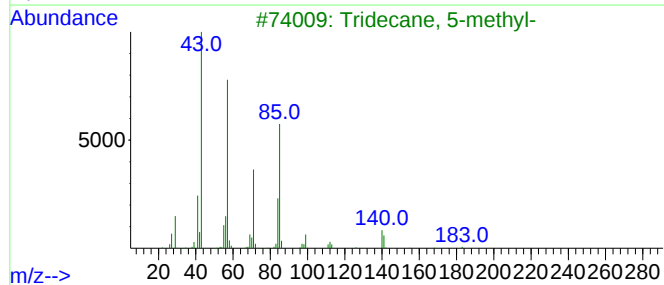
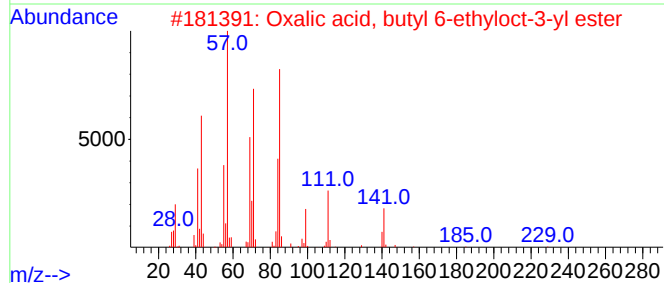
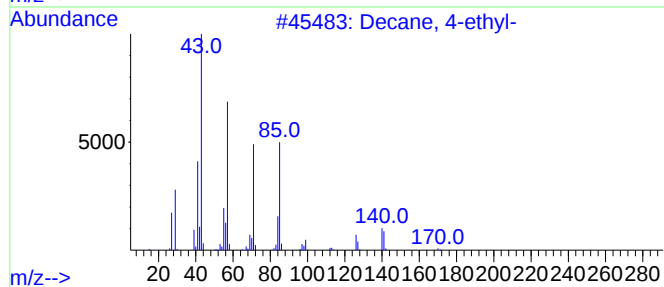
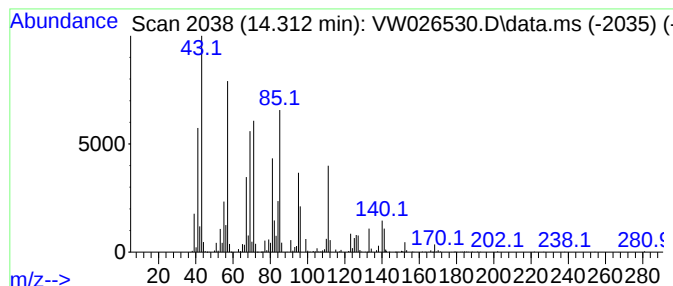
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.312	12.50 ug/L	645590	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-ethyl-		170	C12H26	001636-44-8	83
2	Oxalic acid, butyl 6-ethyloct-3-...		286	C16H30O4	1000309-34-2	43
3	Tridecane, 5-methyl-		198	C14H30	025117-31-1	35
4	Decane, 3-bromo-		220	C10H21Br	030571-71-2	27
5	Undecane, 5-methyl-		170	C12H26	001632-70-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

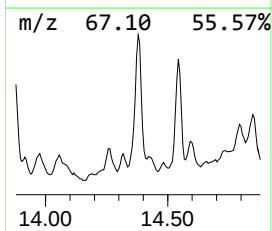
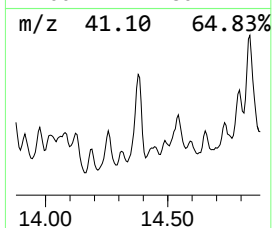
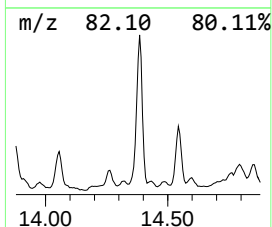
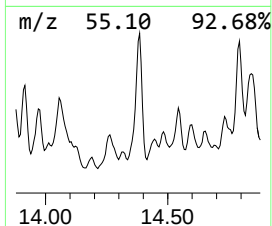
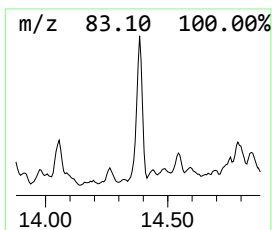
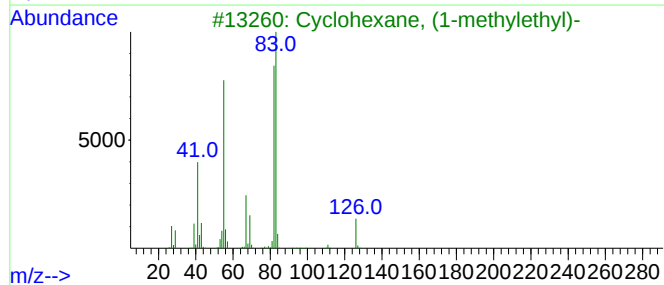
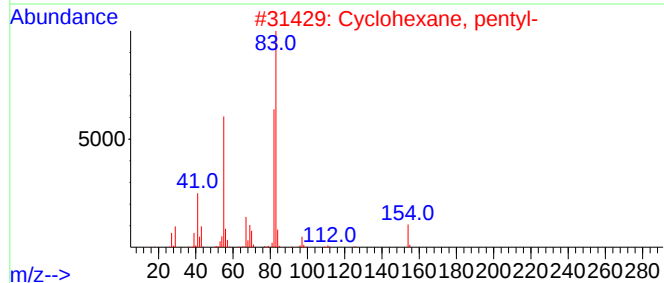
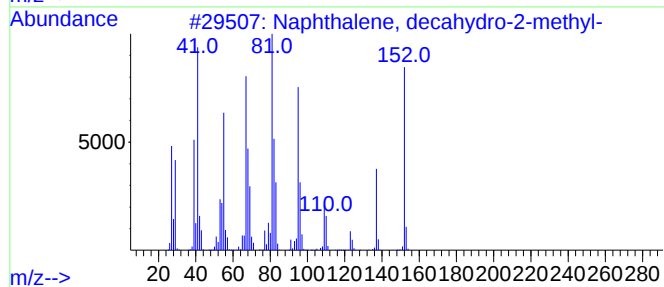
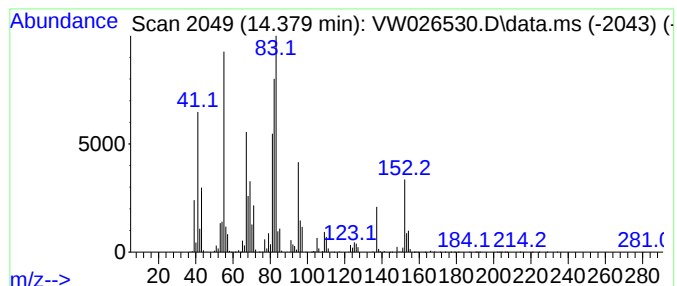
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Quant Title : SFAM01.0

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

Peak Number 28 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	85.92 ug/L	4439080	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	83
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	46
5			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

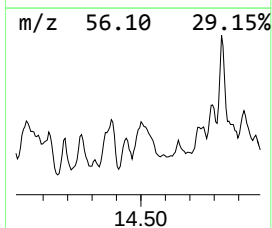
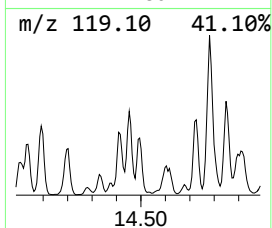
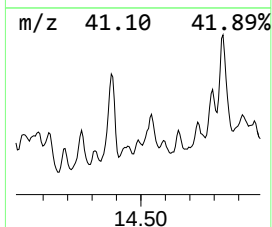
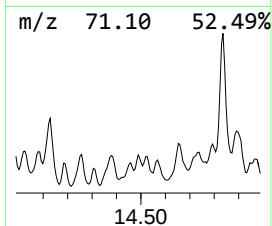
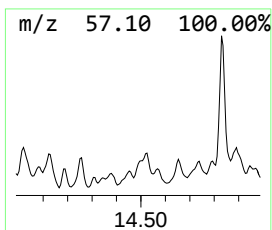
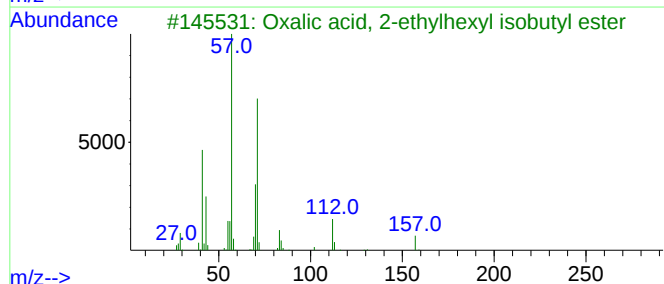
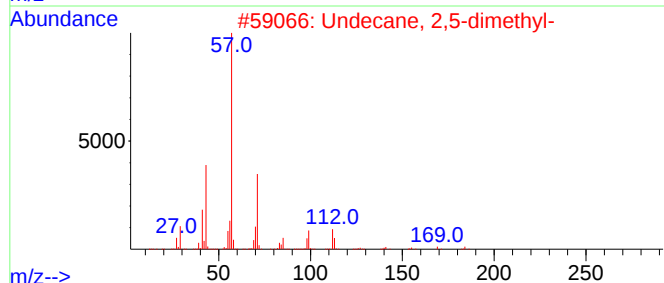
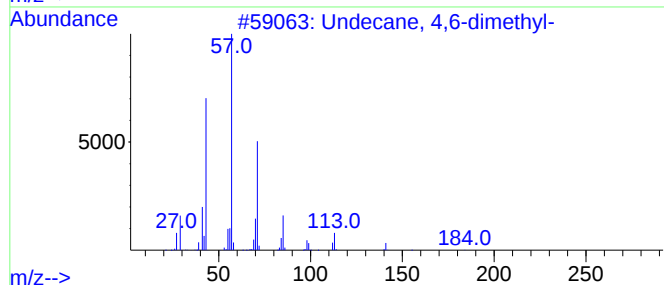
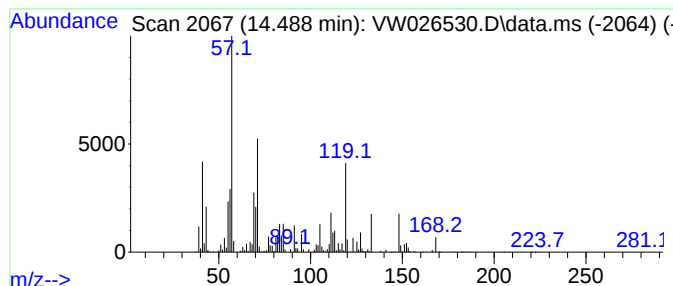
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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.489	13.98 ug/L	722246	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	38
3			Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1010309-38-5	35
4			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	35
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

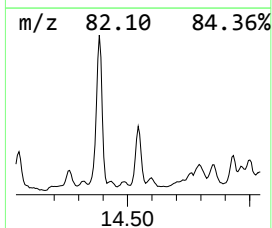
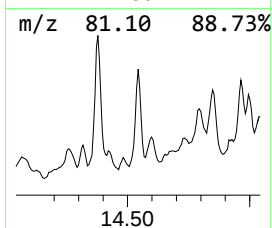
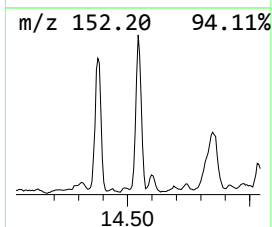
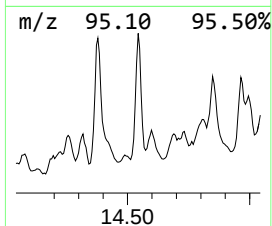
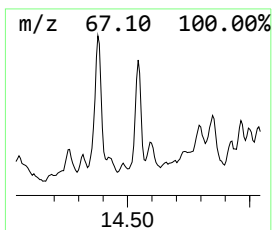
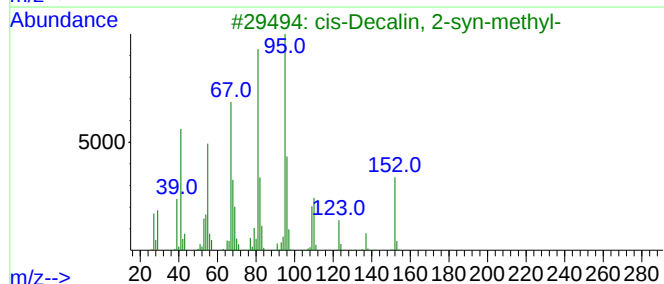
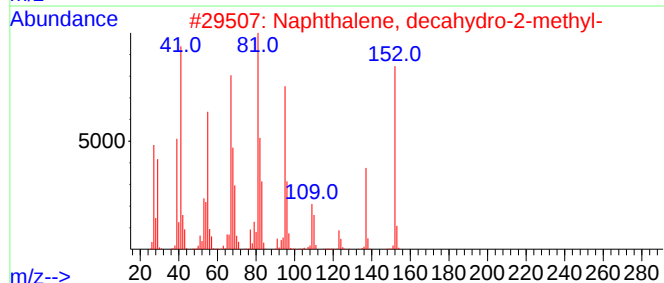
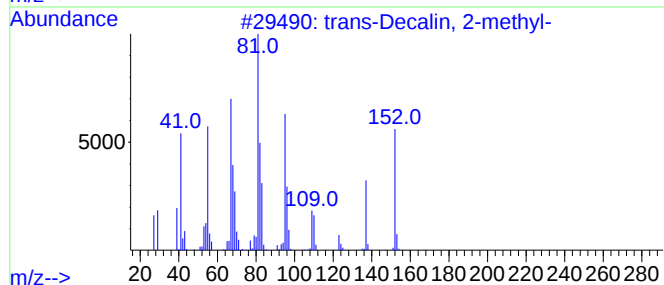
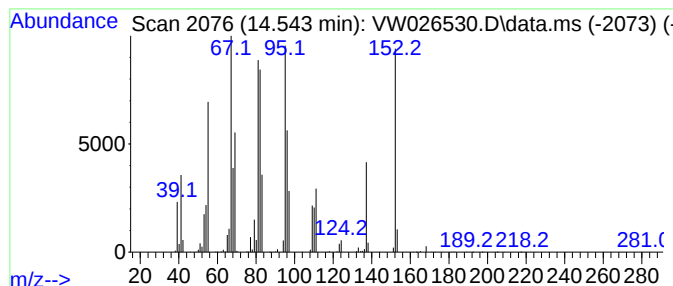
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Quant Title : SFAM01.0

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

Peak Number 30 trans-Decalin, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	33.37 ug/L	1724020	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	89
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
4		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58
5		Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

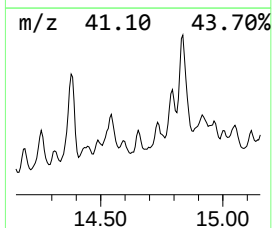
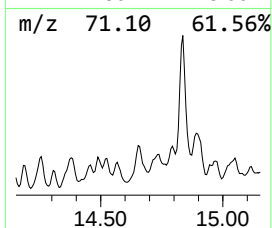
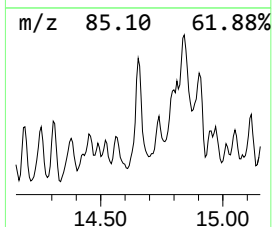
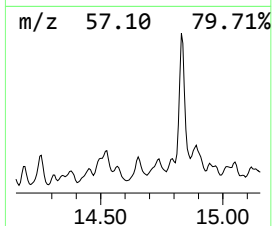
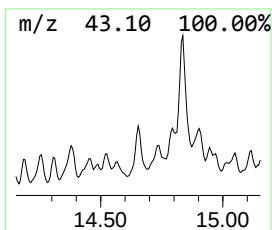
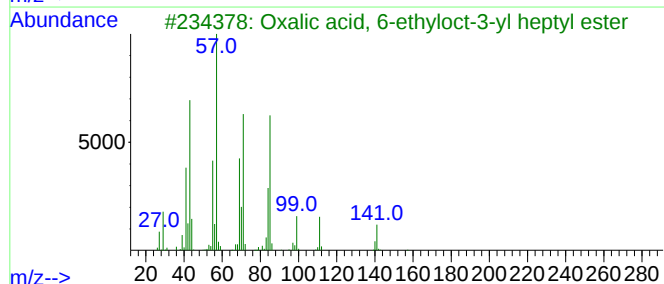
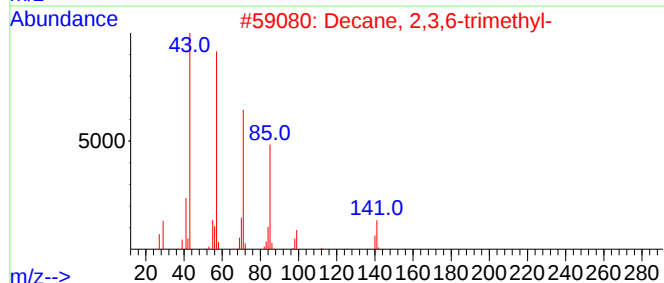
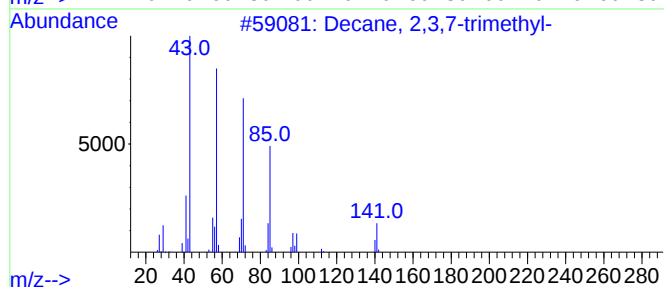
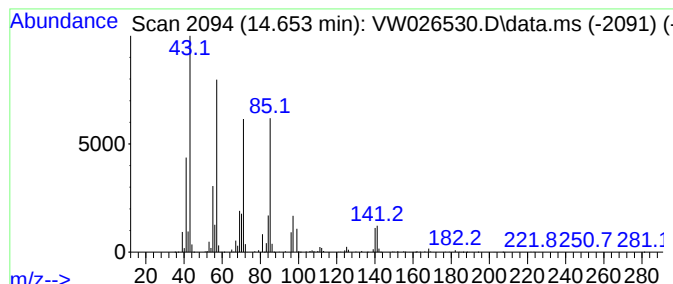
Instrument :
MSVOA_W
ClientSampleId :
A46X5

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.653	15.13 ug/L	781700	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	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	80
3	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	64
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	58
5	Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

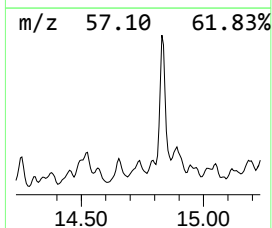
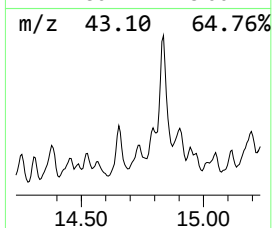
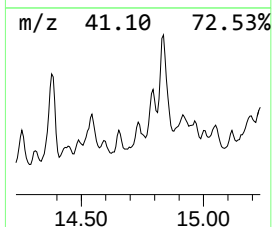
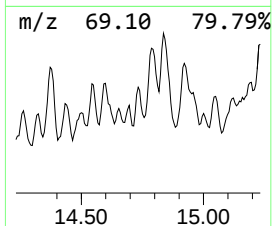
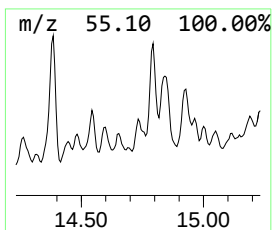
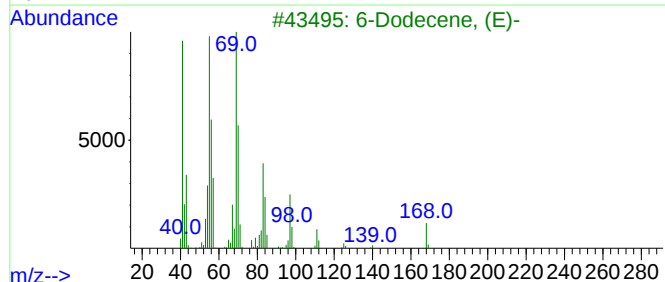
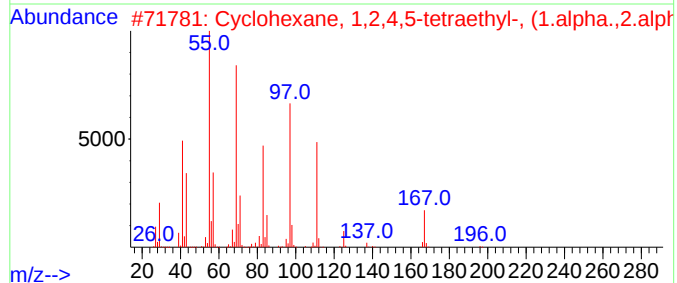
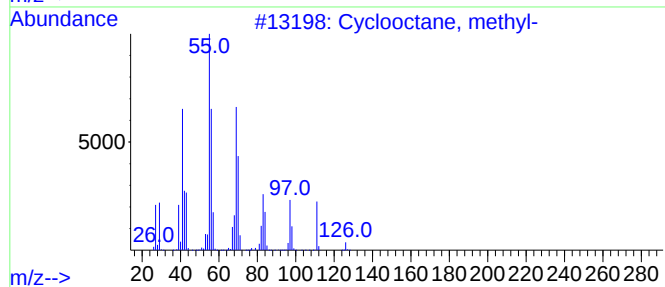
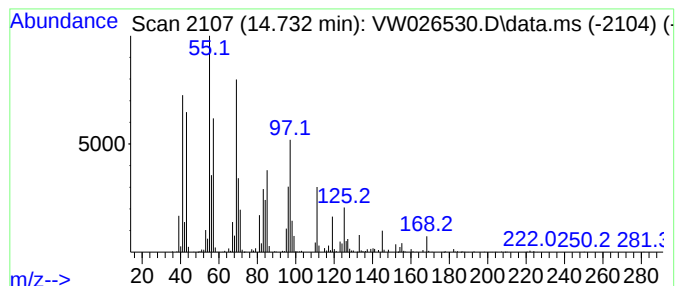
Instrument :
MSVOA_W
ClientSampleId :
A46X5

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 32 (DEL) Alkane: Cyclic14.732 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.732	16.03 ug/L	828316	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	49
2	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	47
3	6-Dodecene, (E)-	168	C12H24	007206-17-9	46
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

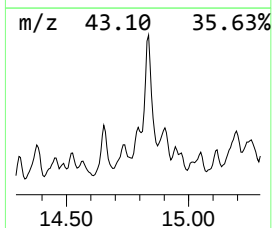
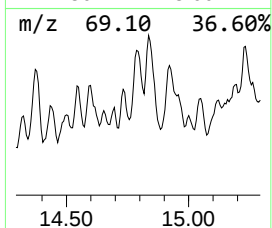
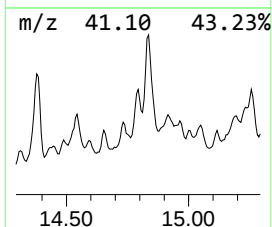
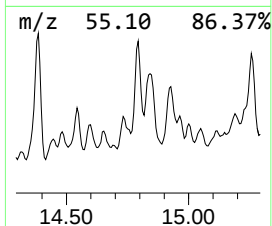
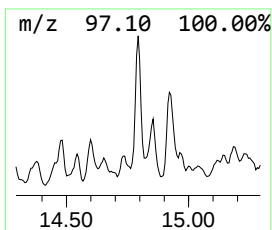
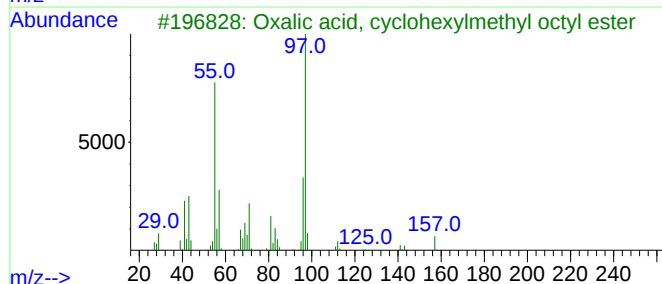
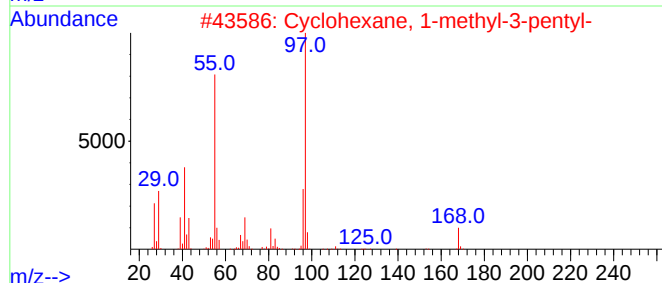
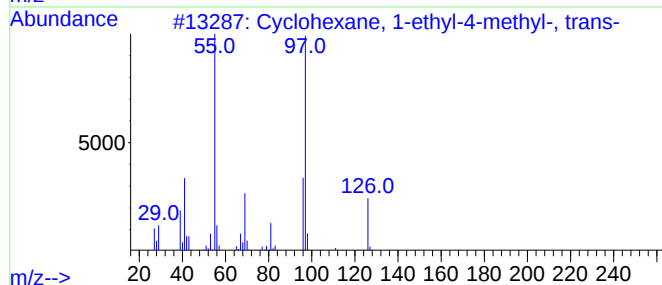
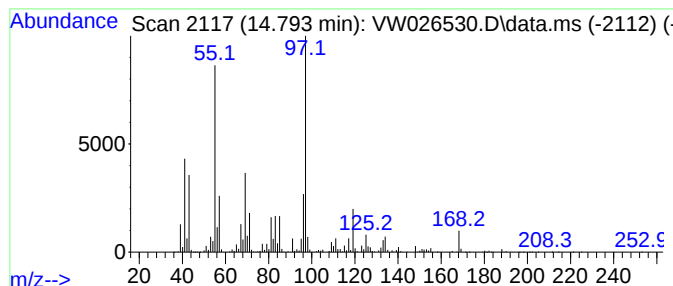
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Cyclic14.793 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	57.61 ug/L	2976590	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58
2			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	58
3			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	58
4			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	58
5			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

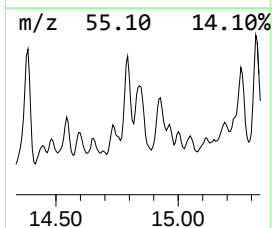
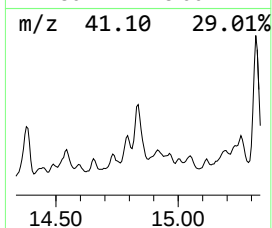
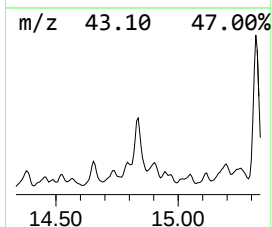
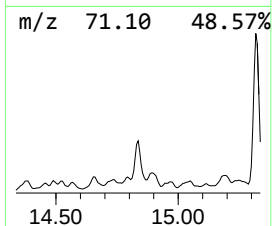
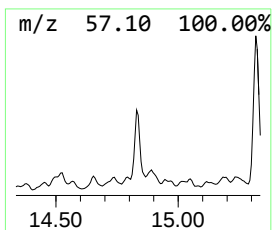
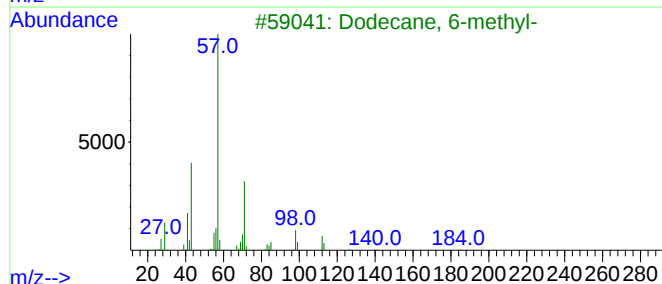
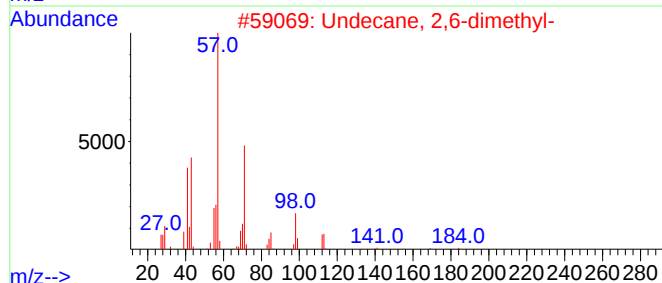
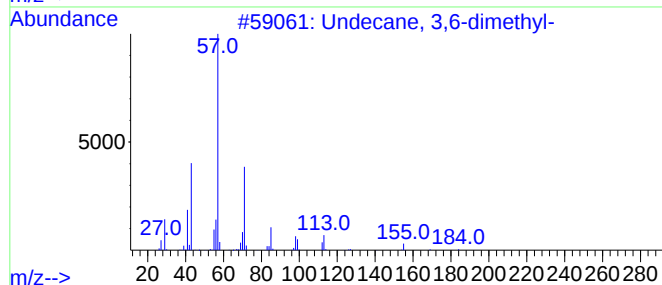
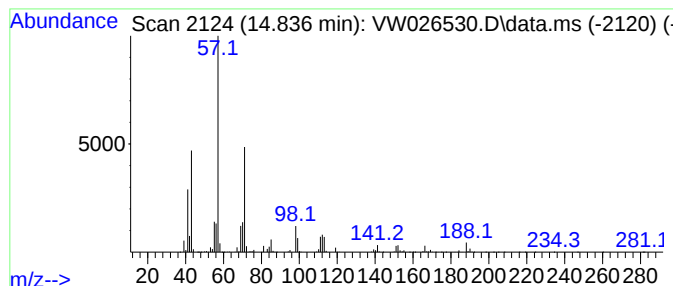
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Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	109.06 ug/L	5634540	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	87
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	70
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

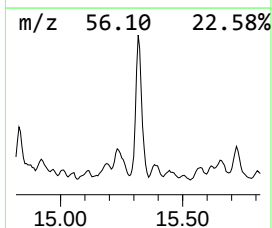
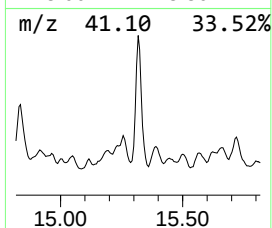
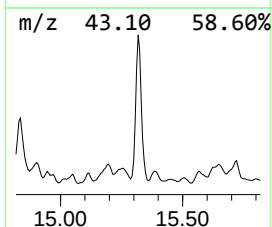
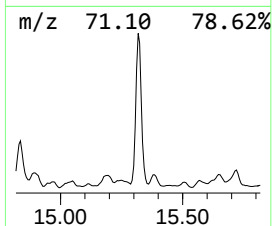
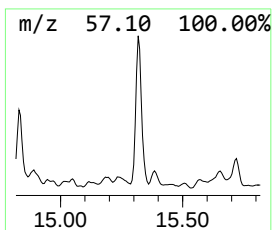
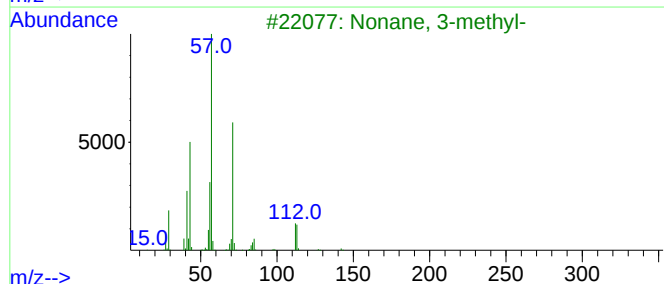
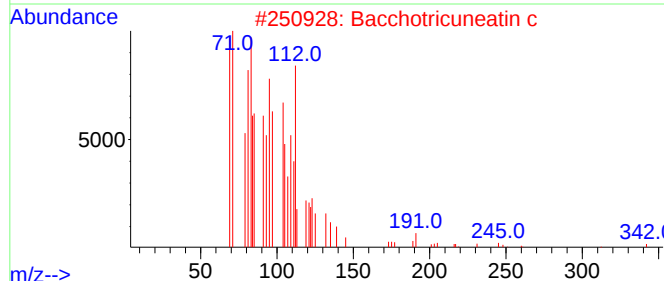
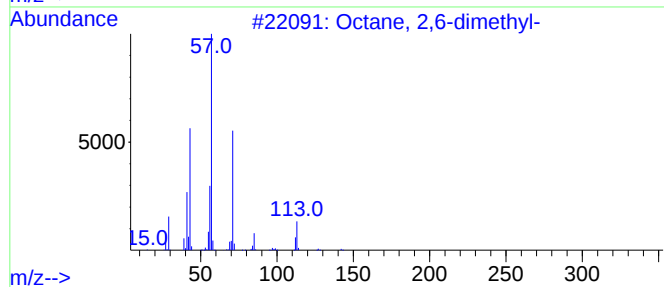
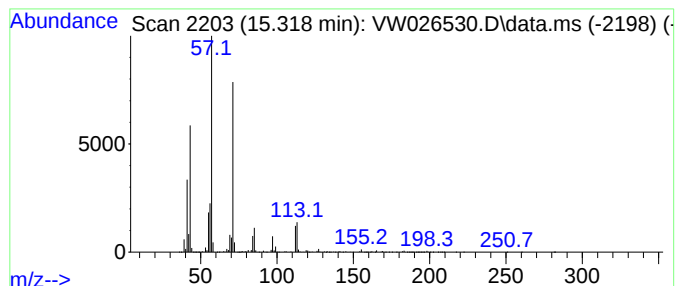
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Quant Title : SFAM01.0

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	194.76 ug/L	10062400	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		Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
5		Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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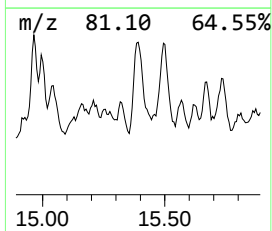
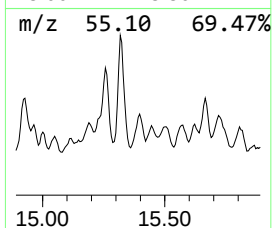
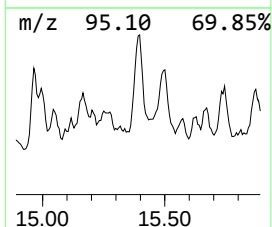
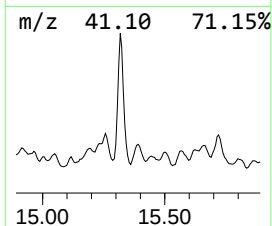
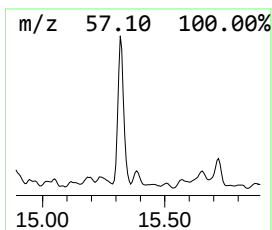
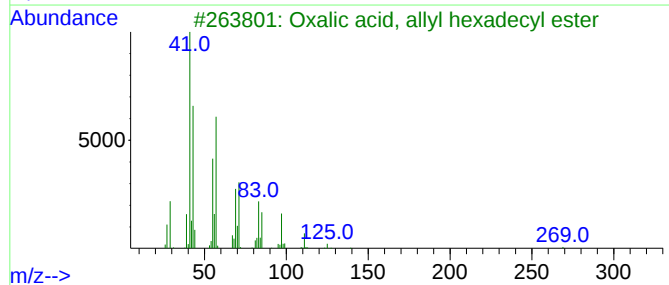
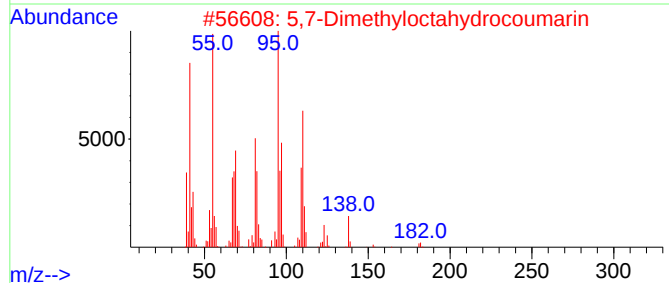
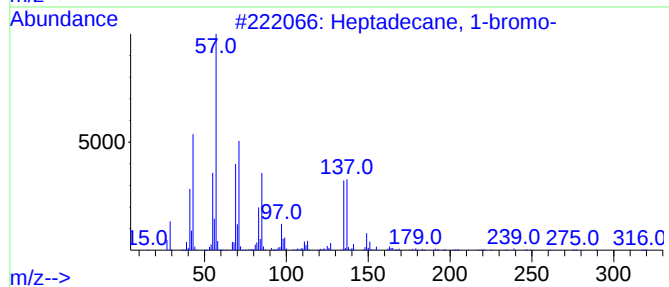
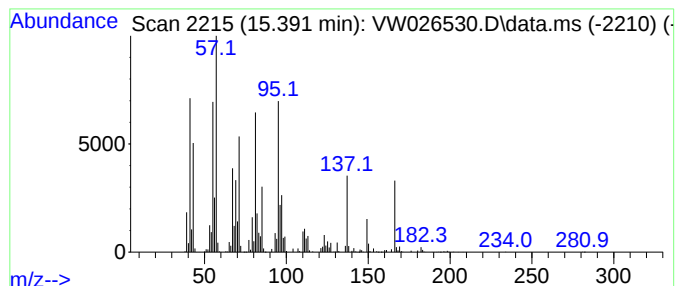
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Quant Title : SFAM01.0

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

Peak Number 36 unknown-04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	44.24 ug/L	2285850	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	30
2			5,7-Dimethyloctahydrocoumarin	182	C11H18O2	1000109-81-5	30
3			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	27
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	25
5			Oxalic acid, cyclobutyl tetradec...	340	C20H36O4	1000309-70-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

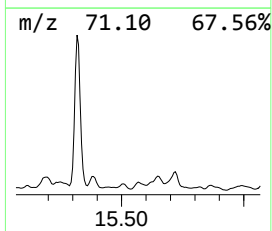
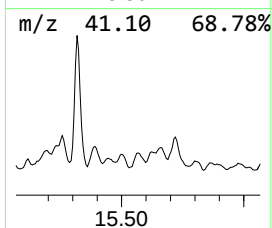
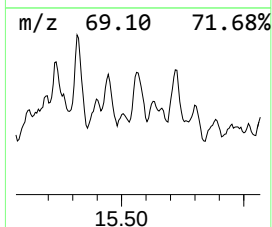
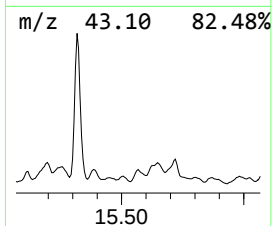
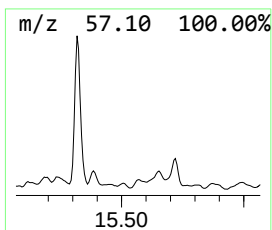
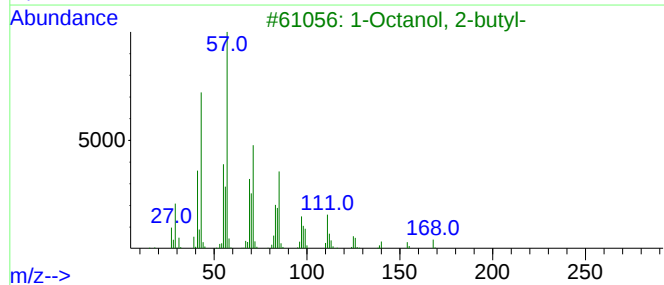
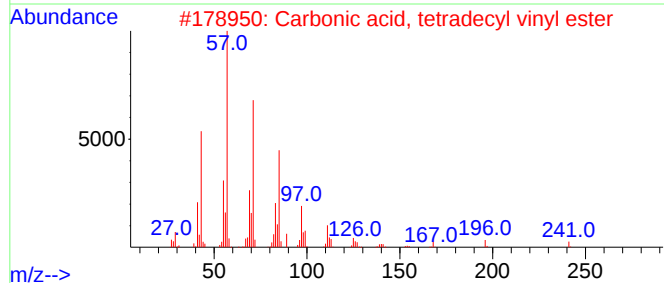
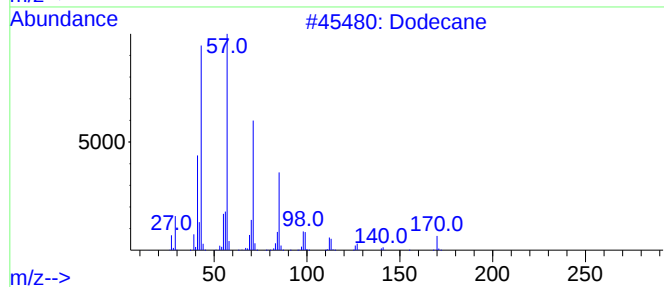
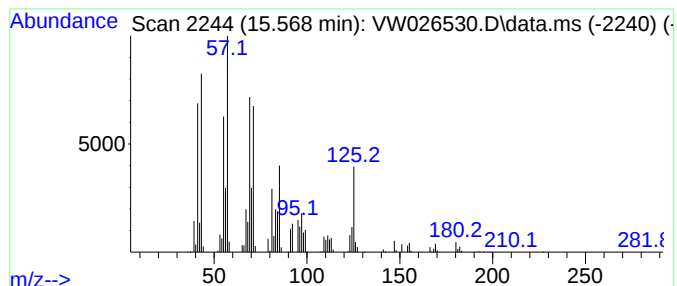
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Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.568	22.55 ug/L	1165240	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	50
2			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	49
3			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	49
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	46
5			Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

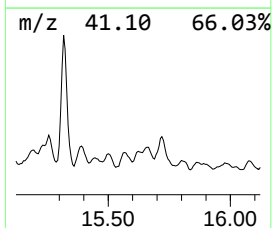
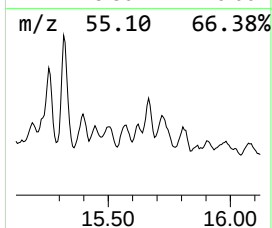
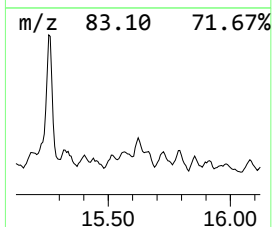
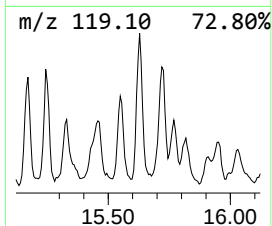
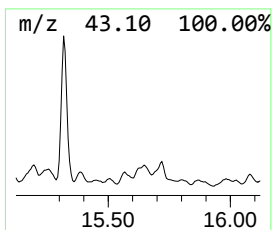
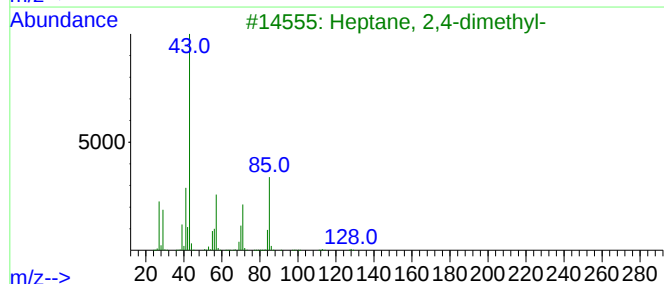
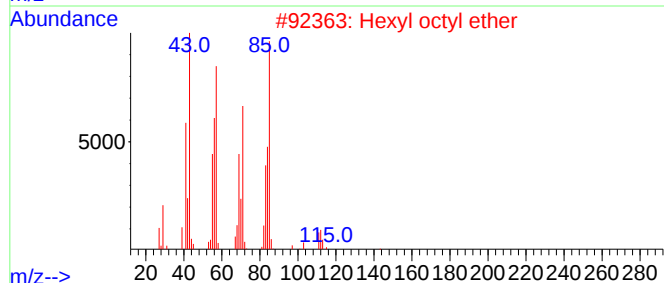
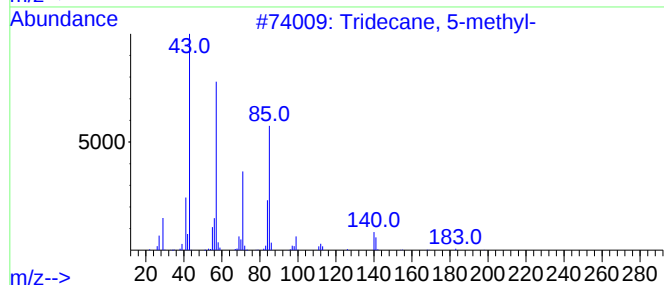
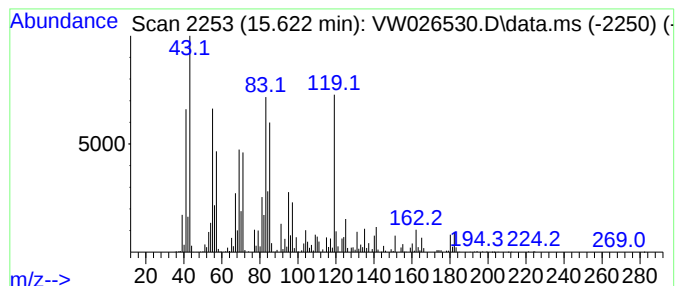
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Quant Title : SFAM01.0

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.622	17.57 ug/L	907656	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-methyl-	198	C14H30	025117-31-1	35
2			Hexyl octyl ether	214	C14H30O	017071-54-4	35
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	25
4			Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	25
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

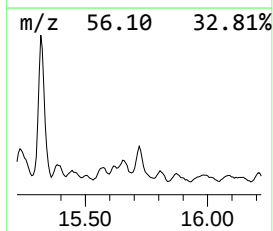
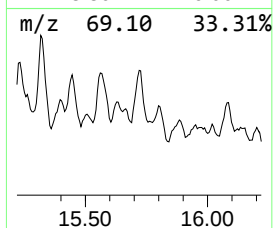
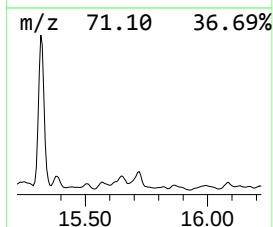
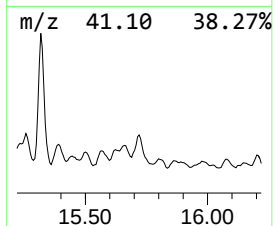
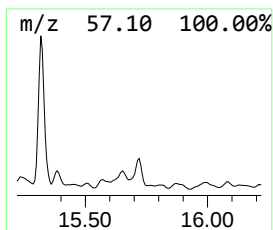
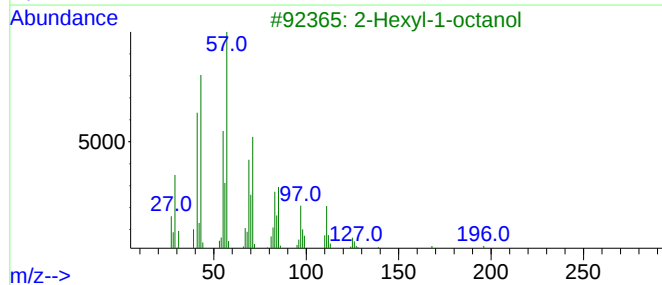
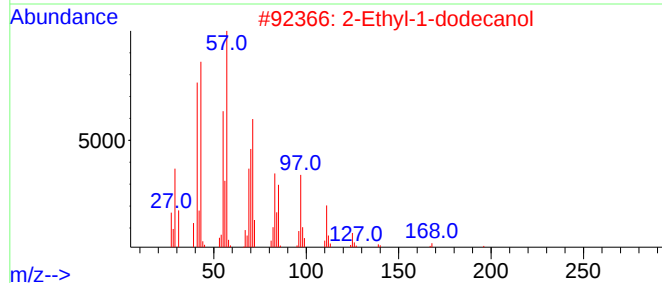
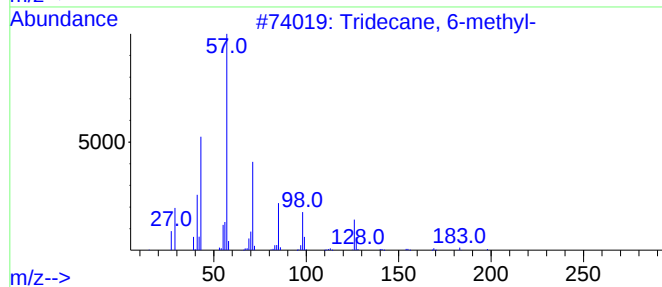
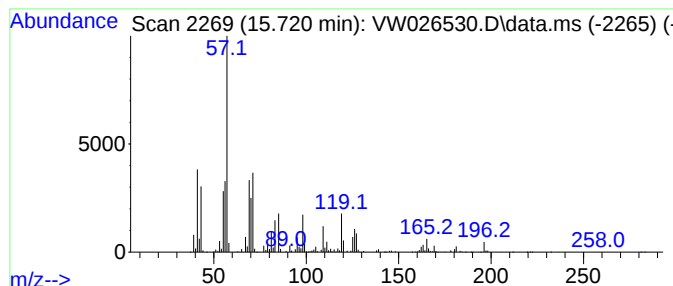
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Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	53.73 ug/L	2775840	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	60
2			2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	53
3			2-Hexyl-1-octanol	214	C14H30O	019780-79-1	50
4			Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	47
5			Diethylmalonic acid, monochlorid...	318	C17H31ClO3	1000369-41-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

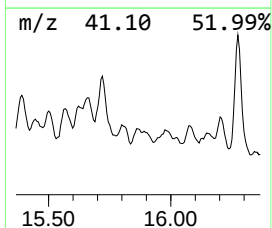
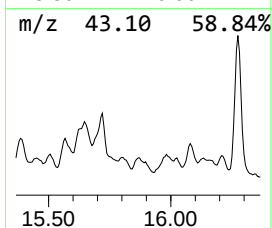
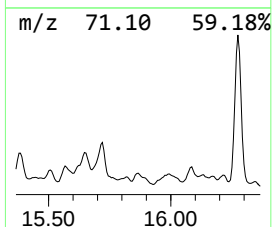
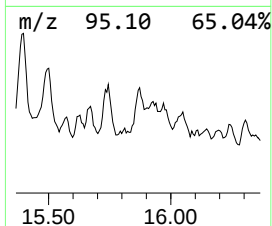
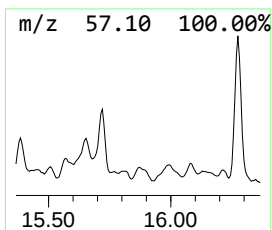
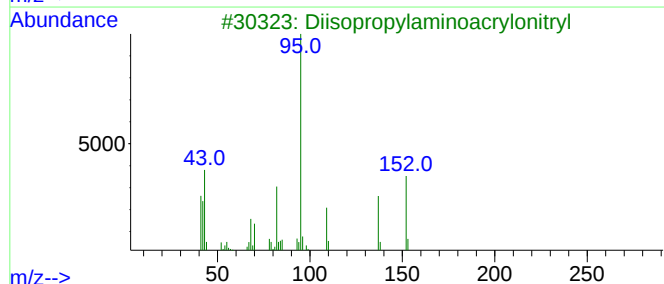
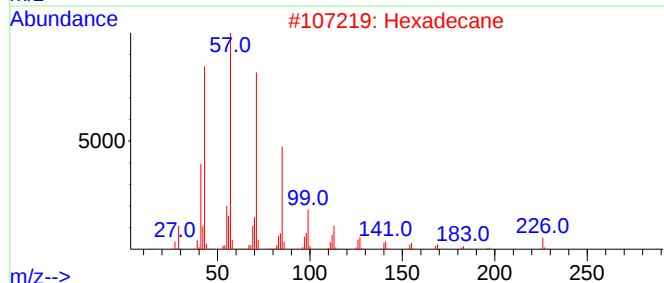
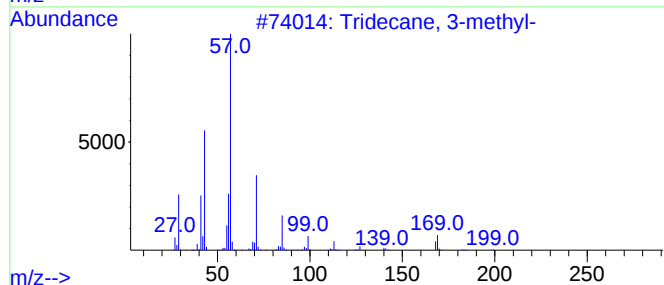
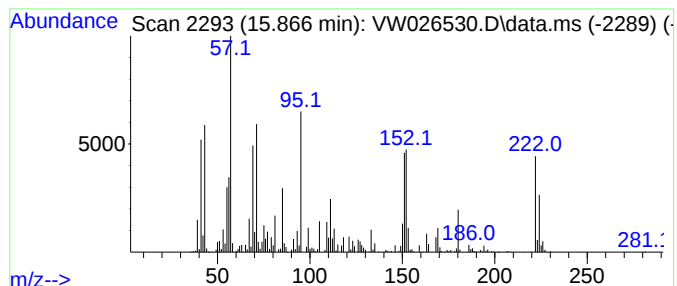
Instrument :
MSVOA_W
ClientSampleId :
A46X5

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.866	16.22 ug/L	838199	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	15
2	Hexadecane	226	C16H34	000544-76-3	15
3	Diisopropylaminoacrylonitril	152	C9H16N2	038691-28-0	11
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	11
5	8aH-2,4a-methanonaphthalen-8a-ol...	222	C15H26O	088644-30-8	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

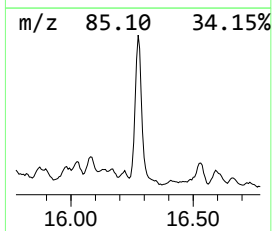
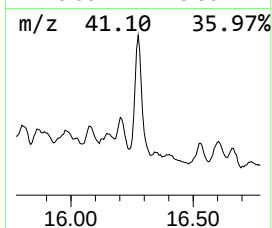
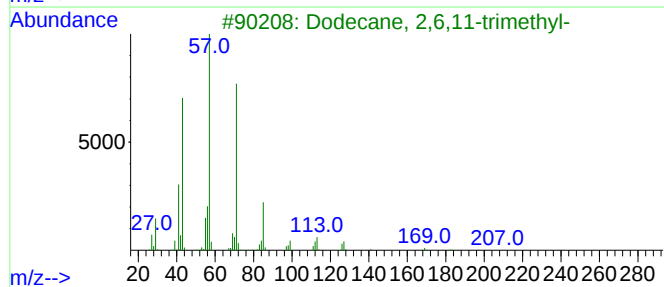
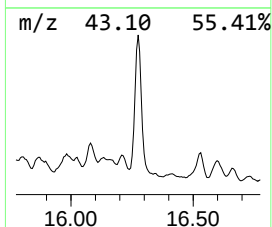
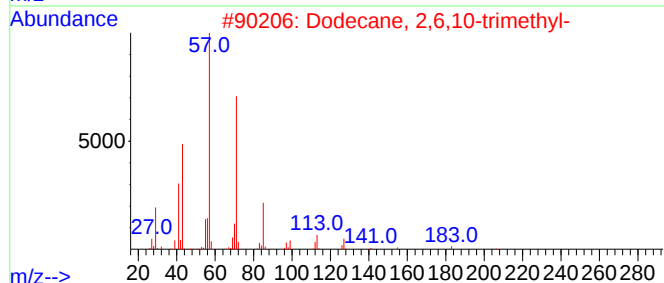
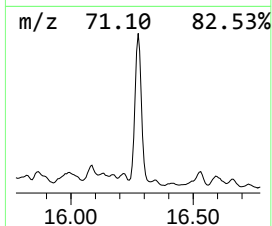
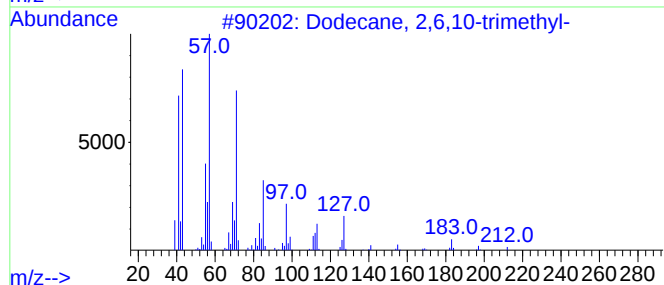
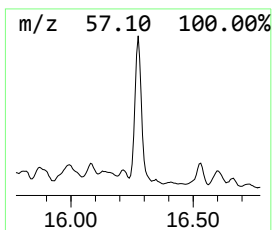
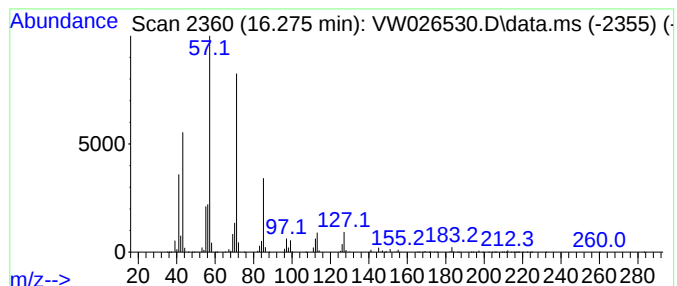
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	102.51 ug/L	5296460	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, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026530.D
Acq On : 05 Jul 2023 14:07
Operator : SY/MD
Sample : 03501-10
Misc : 4.37g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X5

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	11.337	1.3	ug/L	127531	2	11.629	2501890	25.0
(DEL) Alkane: S...	11.398	1.4	ug/L	136632	2	11.629	2501890	25.0
(DEL) Alkane: S...	11.507	1.9	ug/L	190928	2	11.629	2501890	25.0
(DEL) Alkane: C...	11.873	1.5	ug/L	146990	2	11.629	2501890	25.0
Oxalic acid, cy...	11.916	1.3	ug/L	126966	2	11.629	2501890	25.0
(DEL) Alkane: S...	12.062	1.7	ug/L	170684	2	11.629	2501890	25.0
(DEL) Alkane: S...	12.251	7.3	ug/L	729697	2	11.629	2501890	25.0
(DEL) Alkane: S...	12.361	17.9	ug/L	1789930	2	11.629	2501890	25.0
(DEL) Alkane: S...	12.501	10.8	ug/L	1083950	2	11.629	2501890	25.0
unknown-01	12.617	4.9	ug/L	250845	3	13.556	1291650	25.0
unknown-02	12.775	9.7	ug/L	501942	3	13.556	1291650	25.0
1,1'-Biphenyl, ...	12.861	15.9	ug/L	818796	3	13.556	1291650	25.0
1,1'-Biphenyl, ...	12.940	77.0	ug/L	3979820	3	13.556	1291650	25.0
(DEL) Alkane: S...	13.074	13.0	ug/L	670487	3	13.556	1291650	25.0
(DEL) Alkane: C...	13.123	10.4	ug/L	535481	3	13.556	1291650	25.0
(DEL) Alkane: S...	13.159	12.4	ug/L	642719	3	13.556	1291650	25.0
(DEL) Alkane: S...	13.342	11.2	ug/L	580496	3	13.556	1291650	25.0
(DEL) Alkane: C...	13.446	42.0	ug/L	2170940	3	13.556	1291650	25.0
Butyl eicosyl e...	13.476	11.9	ug/L	614499	3	13.556	1291650	25.0
(DEL) Alkane: C...	13.690	16.2	ug/L	838595	3	13.556	1291650	25.0
(DEL) Alkane: C...	13.915	20.3	ug/L	1049060	3	13.556	1291650	25.0
(DEL) Alkane: C...	13.976	19.9	ug/L	1028540	3	13.556	1291650	25.0
(DEL) Alkane: S...	14.019	13.1	ug/L	674214	3	13.556	1291650	25.0
(DEL) Alkane: S...	14.190	21.8	ug/L	1127010	3	13.556	1291650	25.0
unknown-03	14.257	29.9	ug/L	1544140	3	13.556	1291650	25.0
(DEL) Alkane: S...	14.312	12.5	ug/L	645590	3	13.556	1291650	25.0
Naphthalene, de...	14.379	85.9	ug/L	4439080	3	13.556	1291650	25.0
(DEL) Alkane: S...	14.489	14.0	ug/L	722246	3	13.556	1291650	25.0
trans-Decalin, ...	14.543	33.4	ug/L	1724020	3	13.556	1291650	25.0
(DEL) Alkane: S...	14.653	15.1	ug/L	781700	3	13.556	1291650	25.0
(DEL) Alkane: C...	14.732	16.0	ug/L	828316	3	13.556	1291650	25.0
(DEL) Alkane: C...	14.793	57.6	ug/L	2976590	3	13.556	1291650	25.0
(DEL) Alkane: S...	14.836	109.1	ug/L	5634540	3	13.556	1291650	25.0
(DEL) Alkane: S...	15.318	194.8	ug/L	10062400	3	13.556	1291650	25.0
unknown-04	15.391	44.2	ug/L	2285850	3	13.556	1291650	25.0
(DEL) Alkane: S...	15.568	22.6	ug/L	1165240	3	13.556	1291650	25.0
(DEL) Alkane: S...	15.622	17.6	ug/L	907656	3	13.556	1291650	25.0
(DEL) Alkane: S...	15.720	53.7	ug/L	2775840	3	13.556	1291650	25.0
(DEL) Alkane: S...	15.866	16.2	ug/L	838199	3	13.556	1291650	25.0
(DEL) Alkane: S...	16.275	102.5	ug/L	5296460	3	13.556	1291650	25.0