

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
 Data File : VW029208.D
 Acq On : 19 Jun 2024 12:34
 Operator : SY/MD
 Sample : P2934-21
 Misc : 5.30g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4B57

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\SFAMWLM061824SMA.M
 Title : SFAM01.0

Signal : TIC: VW029208.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.357	72	77	88	rVB	27417	54330	11.33%	1.161%
2	2.893	159	165	176	rBV	16839	44254	9.23%	0.946%
3	3.259	223	225	227	rVB3	736	711	0.15%	0.015%
4	3.491	261	263	265	rVB3	1105	879	0.18%	0.019%
5	3.527	267	269	272	rVB4	923	1142	0.24%	0.024%
6	3.661	286	291	292	rBV5	844	962	0.20%	0.021%
7	3.753	304	306	308	rVB3	799	711	0.15%	0.015%
8	3.777	308	310	314	rBV4	668	784	0.16%	0.017%
9	3.930	333	335	338	rVB4	627	741	0.15%	0.016%
10	4.021	338	350	360	rBV2	41354	115526	24.10%	2.469%
11	4.125	360	367	378	rBV	9873	27397	5.72%	0.586%
12	4.240	384	386	390	rVB4	873	928	0.19%	0.020%
13	4.387	401	410	417	rBV	3352	9670	2.02%	0.207%
14	4.801	476	478	481	rVB4	693	833	0.17%	0.018%
15	4.917	489	497	505	rBV3	3870	11776	2.46%	0.252%
16	5.045	515	518	519	rBV3	803	803	0.17%	0.017%
17	5.118	528	530	533	rVB3	623	743	0.16%	0.016%
18	5.399	574	576	580	rVB3	1010	1143	0.24%	0.024%
19	5.441	580	583	588	rBV5	1010	1879	0.39%	0.040%
20	5.685	620	623	624	rBV3	788	737	0.15%	0.016%
21	5.941	659	665	667	rBV5	2482	4446	0.93%	0.095%
22	6.466	749	751	753	rBV3	966	955	0.20%	0.020%
23	6.521	756	760	761	rBV4	976	976	0.20%	0.021%
24	6.673	782	785	786	rBV3	690	802	0.17%	0.017%
25	6.740	793	796	801	rBV7	932	1939	0.40%	0.041%
26	6.813	806	808	813	rVB5	814	1178	0.25%	0.025%
27	6.911	820	824	827	rBV4	739	1086	0.23%	0.023%
28	7.081	842	852	862	rBV2	11169	38928	8.12%	0.832%
29	7.295	881	887	889	rBV7	1321	1604	0.33%	0.034%
30	7.484	914	918	920	rVB5	1076	958	0.20%	0.020%
31	7.551	926	929	933	rVB6	601	921	0.19%	0.020%
32	7.648	935	945	954	rBV	61363	149900	31.27%	3.204%
33	7.862	978	980	984	rVB4	1328	1307	0.27%	0.028%
34	7.972	995	998	1001	rVB5	742	982	0.20%	0.021%
35	8.014	1001	1005	1006	rBV4	877	1136	0.24%	0.024%
36	8.063	1008	1013	1015	rVB6	677	1000	0.21%	0.021%

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Peak Location: TOP

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Title : SFAM01.0

37	8.124	1019	1023	1025	rVB4	630	810	0.17%	0.017%
38	8.276	1037	1048	1064	rBV2	111384	342850	71.53%	7.327%
39	8.453	1075	1077	1079	rVB3	1059	786	0.16%	0.017%
40	8.563	1092	1095	1100	rVB5	782	1245	0.26%	0.027%
41	8.715	1119	1120	1125	rVB4	1054	1244	0.26%	0.027%
42	8.770	1125	1129	1131	rBV4	568	834	0.17%	0.018%
43	8.843	1131	1141	1150	rBV	147683	296048	61.76%	6.327%
44	9.166	1192	1194	1196	rBV3	823	707	0.15%	0.015%
45	9.270	1202	1211	1221	rVV	81252	171713	35.82%	3.670%
46	9.343	1221	1223	1227	rVV4	1190	1651	0.34%	0.035%
47	9.374	1227	1228	1230	rVV2	945	750	0.16%	0.016%
48	9.471	1243	1244	1247	rBV3	869	1019	0.21%	0.022%
49	9.569	1256	1260	1261	rVB4	677	767	0.16%	0.016%
50	9.593	1261	1264	1268	rBV6	895	1360	0.28%	0.029%
51	9.941	1319	1321	1322	rBV2	846	783	0.16%	0.017%
52	10.032	1330	1336	1345	rVB	32614	61867	12.91%	1.322%
53	10.178	1358	1360	1365	rVB5	458	764	0.16%	0.016%
54	10.325	1374	1384	1393	rBV	127854	235797	49.19%	5.040%
55	10.392	1393	1395	1396	rVV2	1875	1728	0.36%	0.037%
56	10.581	1420	1426	1435	rVB	21850	41232	8.60%	0.881%
57	10.697	1441	1445	1452	rVB3	2374	4605	0.96%	0.098%
58	10.922	1476	1482	1492	rBV	36077	71103	14.83%	1.520%
59	11.032	1497	1500	1502	rBV3	792	958	0.20%	0.020%
60	11.099	1509	1511	1515	rVB5	679	732	0.15%	0.016%
61	11.227	1531	1532	1535	rVB3	1233	934	0.19%	0.020%
62	11.276	1538	1540	1543	rBV4	885	923	0.19%	0.020%
63	11.331	1546	1549	1553	rBV5	1630	2097	0.44%	0.045%
64	11.428	1564	1565	1568	rVB3	1218	1099	0.23%	0.023%
65	11.520	1574	1580	1583	rBV6	1334	2387	0.50%	0.051%
66	11.556	1585	1586	1590	rBV4	607	800	0.17%	0.017%
67	11.629	1590	1598	1605	rBV	186972	312459	65.19%	6.678%
68	11.764	1618	1620	1622	rBV3	1036	1005	0.21%	0.021%
69	11.788	1622	1624	1626	rBV3	644	822	0.17%	0.018%
70	11.818	1628	1629	1632	rBV3	1136	1035	0.22%	0.022%
71	12.013	1655	1661	1663	rVV6	1710	2861	0.60%	0.061%
72	12.056	1665	1668	1674	rVB6	2482	3780	0.79%	0.081%
73	12.129	1674	1680	1686	rBV8	5128	10953	2.29%	0.234%
74	12.251	1694	1700	1705	rVB	9074	15514	3.24%	0.332%
75	12.324	1705	1712	1713	rBV3	4296	7737	1.61%	0.165%
76	12.355	1715	1717	1725	rVB4	6828	12772	2.66%	0.273%

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77	12.599	1752	1757	1762	rVB3	8829	18319	3.82%	0.392%
78	12.690	1766	1772	1778	rBV	58134	93451	19.50%	1.997%
79	12.776	1783	1786	1792	rVB3	11013	19458	4.06%	0.416%
80	12.855	1794	1799	1803	rBV8	5583	12686	2.65%	0.271%
81	12.940	1805	1813	1818	rBV6	14768	40834	8.52%	0.873%
82	13.074	1831	1835	1838	rBV2	10877	13785	2.88%	0.295%
83	13.123	1839	1843	1845	rBV2	13923	20900	4.36%	0.447%
84	13.160	1845	1849	1856	rVB2	47925	78786	16.44%	1.684%
85	13.288	1866	1870	1874	rBV	18573	26354	5.50%	0.563%
86	13.336	1875	1878	1882	rBV	14004	18264	3.81%	0.390%
87	13.403	1886	1889	1892	rBV2	15337	22696	4.73%	0.485%
88	13.477	1898	1901	1905	rBV2	23632	30479	6.36%	0.651%
89	13.513	1905	1907	1909	rBV3	12151	10952	2.28%	0.234%
90	13.550	1909	1913	1918	rBV	128760	199532	41.63%	4.264%
91	13.849	1957	1962	1970	rBV3	81229	210002	43.81%	4.488%
92	14.025	1987	1991	1994	rBV4	31550	53214	11.10%	1.137%
93	14.184	2014	2017	2021	rBV	18993	26854	5.60%	0.574%
94	14.257	2025	2029	2035	rVB4	31908	59600	12.43%	1.274%
95	14.342	2039	2043	2046	rBV3	41792	72129	15.05%	1.542%
96	14.379	2046	2049	2053	rVB3	75231	112963	23.57%	2.414%
97	14.489	2062	2067	2074	rBV2	205348	413281	86.22%	8.833%
98	14.830	2119	2123	2130	rVB	206655	341458	71.24%	7.298%
99	15.318	2198	2203	2210	rVB	268163	479335	100.00%	10.244%
100	16.269	2355	2359	2368	rVB	103798	201039	41.94%	4.297%

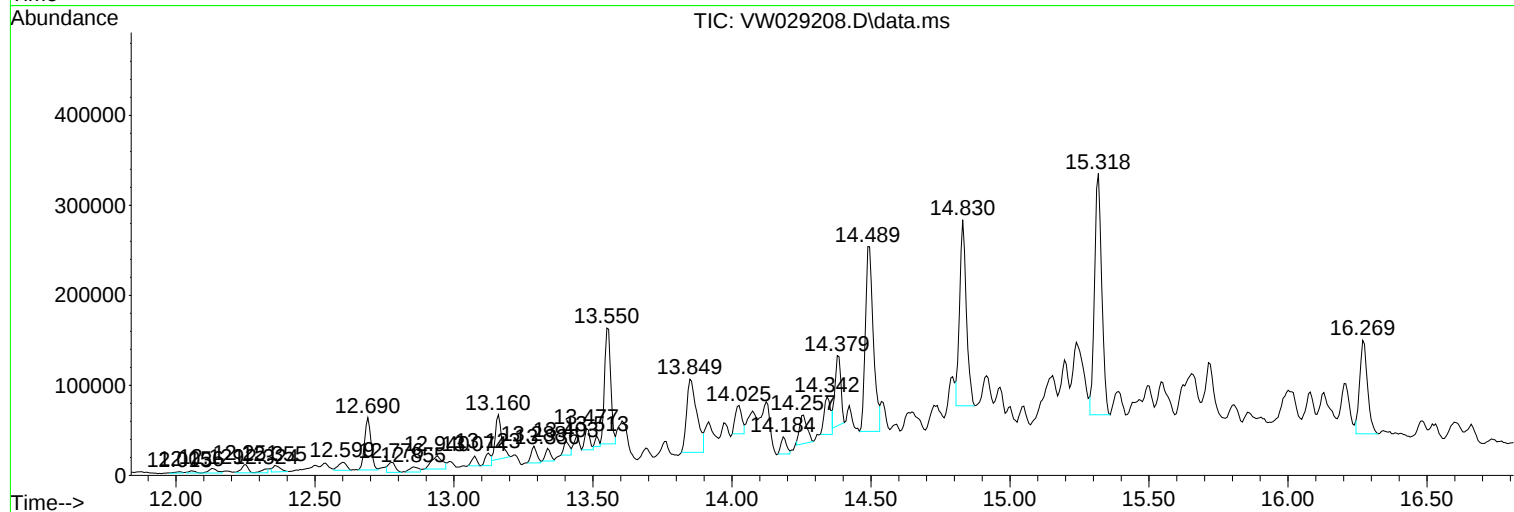
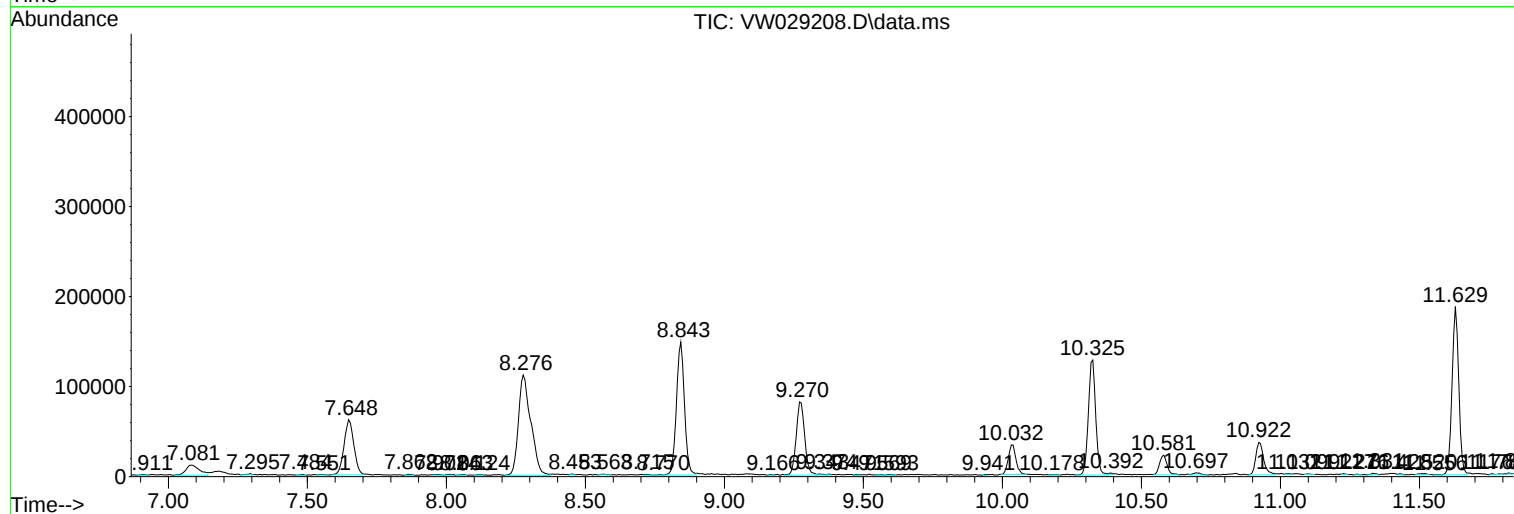
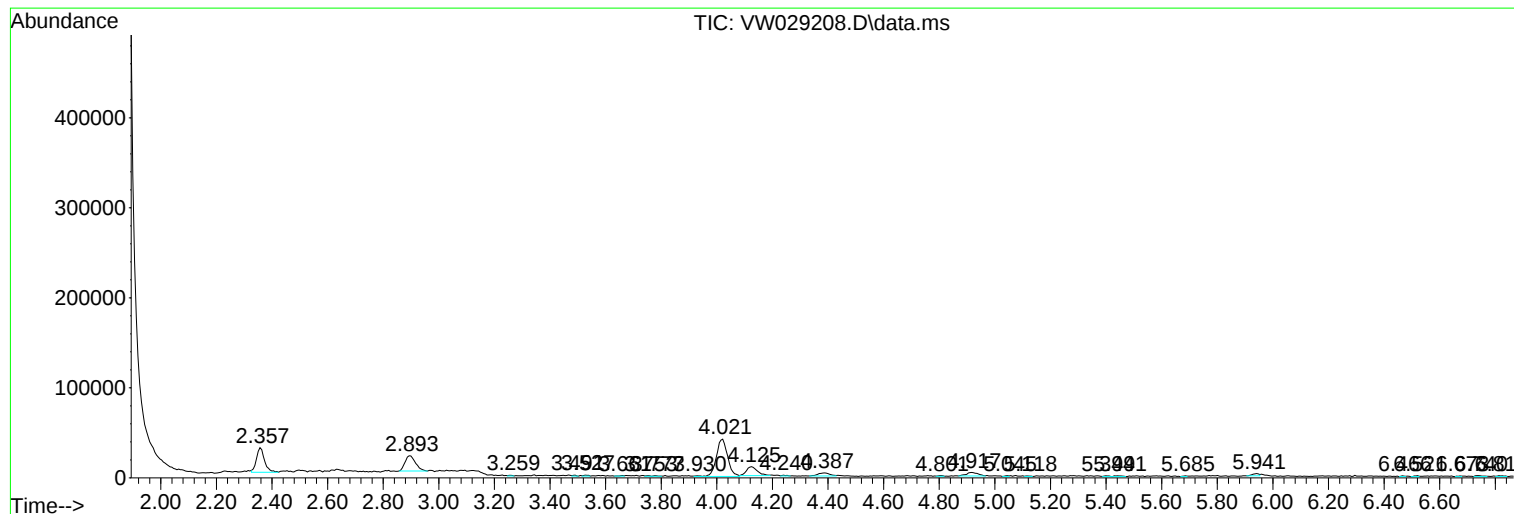
Sum of corrected areas: 4678969

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.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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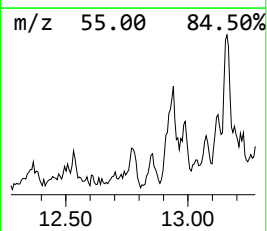
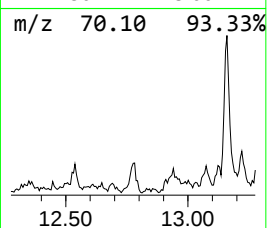
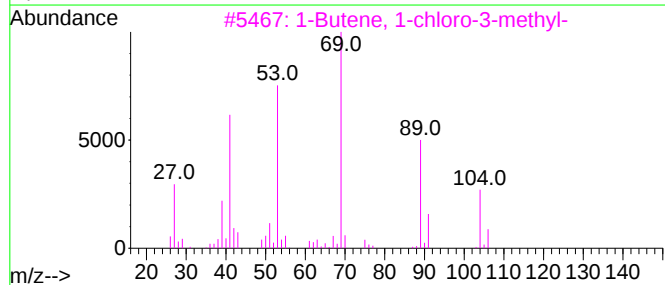
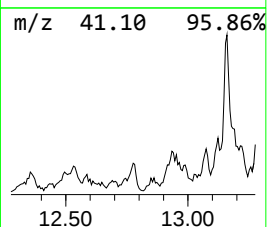
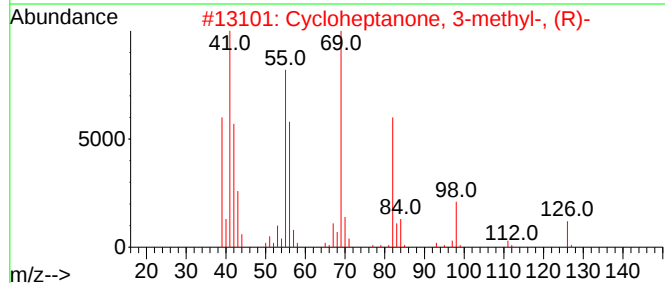
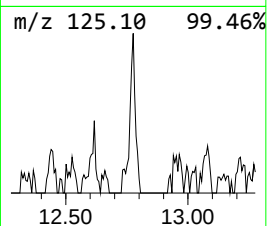
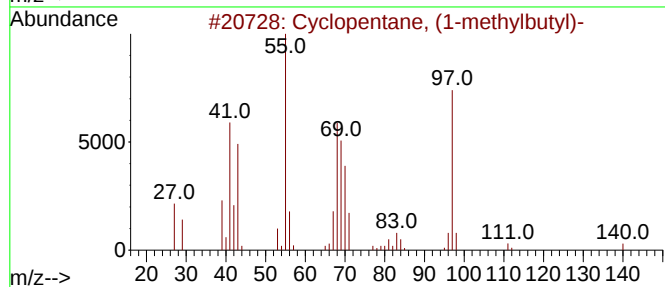
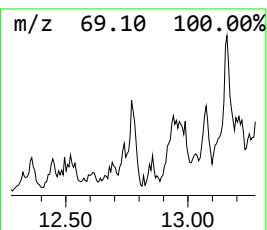
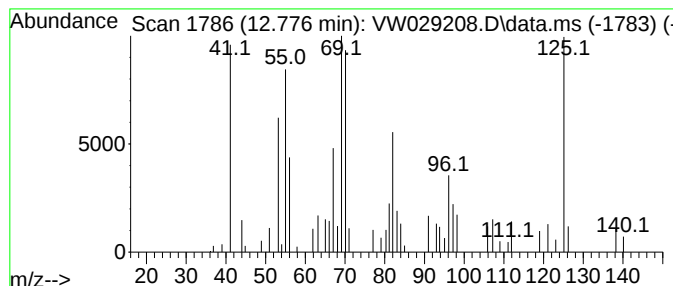
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic12.775 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	2.44 ug/L	19458	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	35
2			Cycloheptanone, 3-methyl-, (R)-	126	C8H14O	013609-58-0	35
3			1-Butene, 1-chloro-3-methyl-	104	C5H9Cl	023010-00-6	27
4			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	22
5			Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	22



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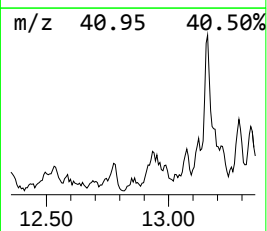
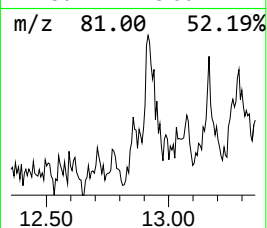
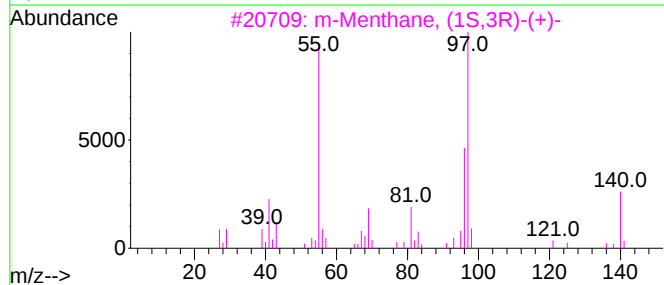
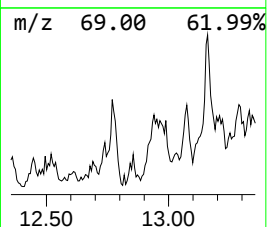
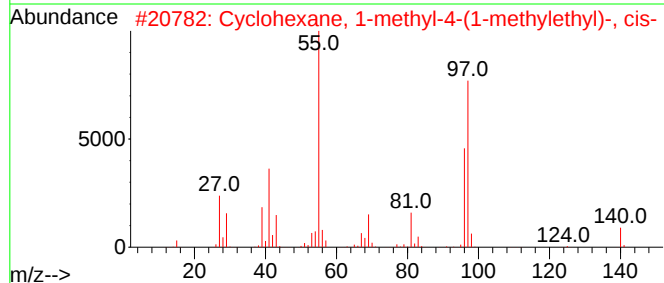
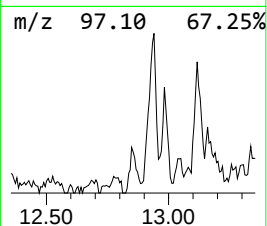
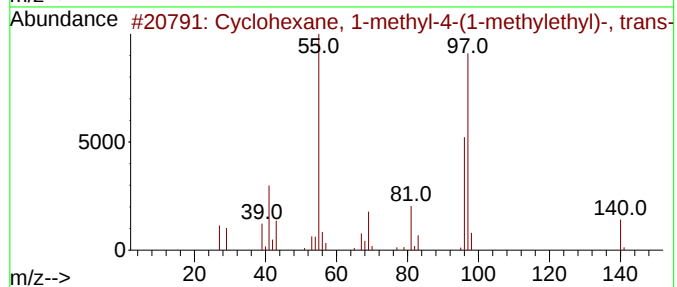
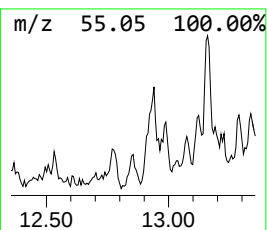
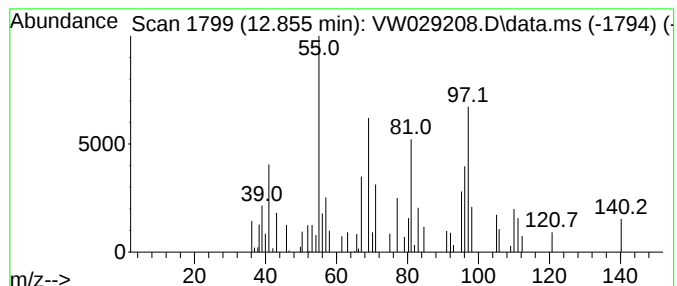
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic12.855 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	1.59 ug/L	12686	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
3			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	38
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38



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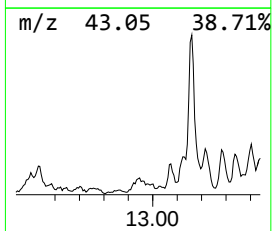
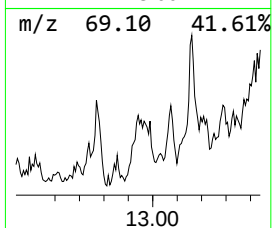
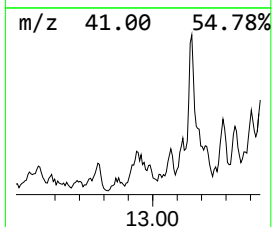
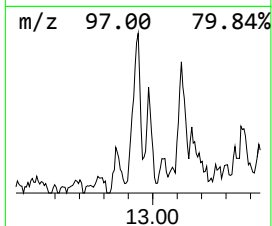
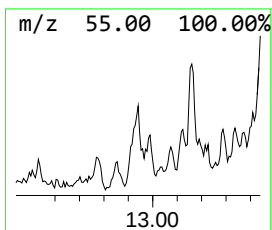
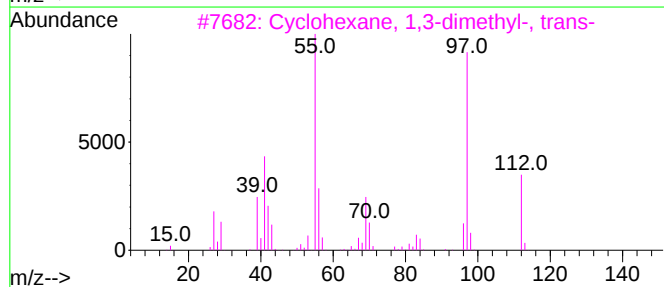
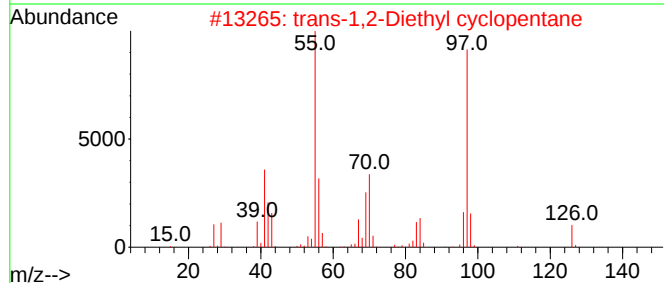
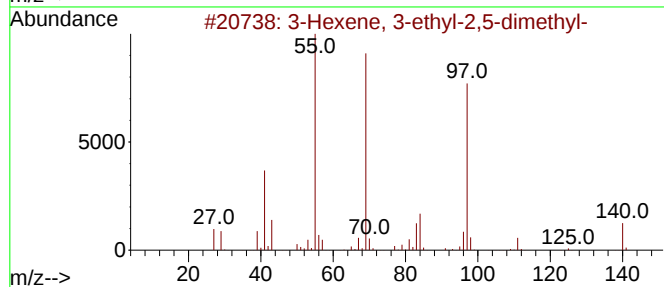
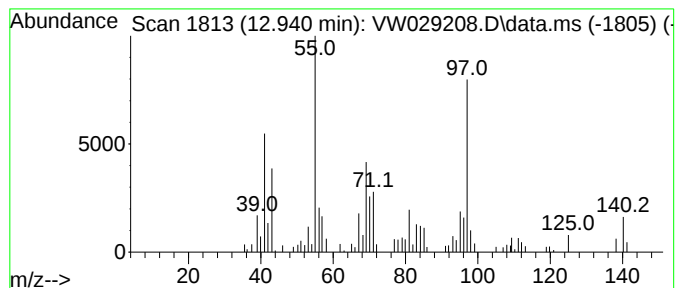
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	5.12 ug/L	40834	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	52
2			trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	50
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	49
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	49
5			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
Data File : VW029208.D
Acq On : 19 Jun 2024 12:34
Operator : SY/MD
Sample : P2934-21
Misc : 5.30g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4B57

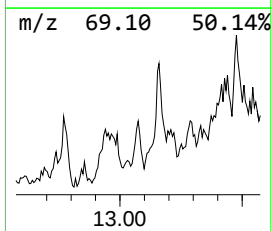
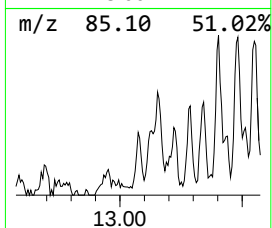
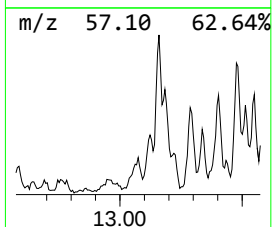
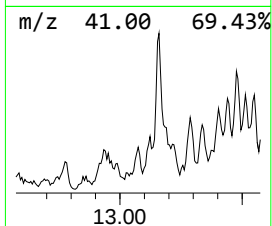
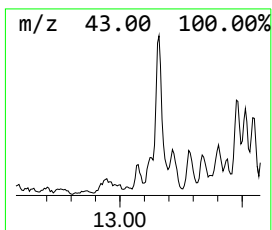
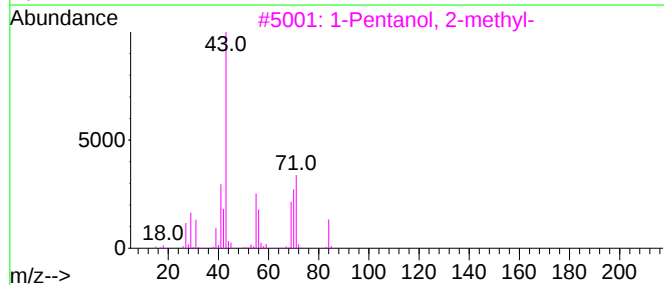
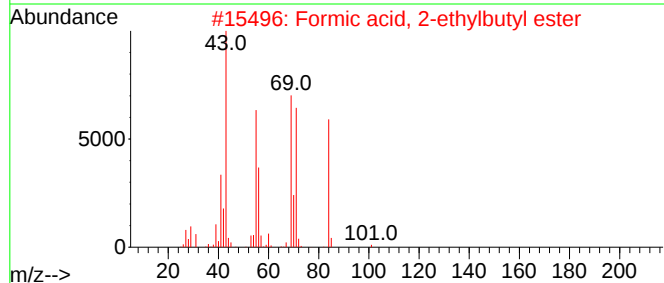
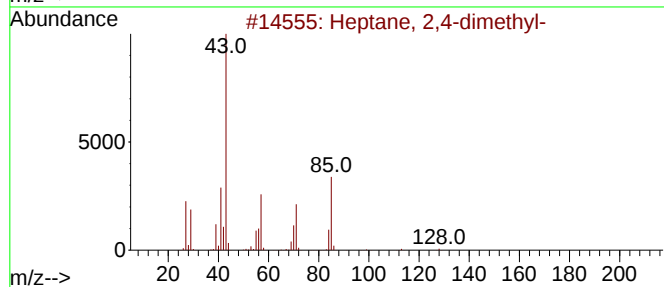
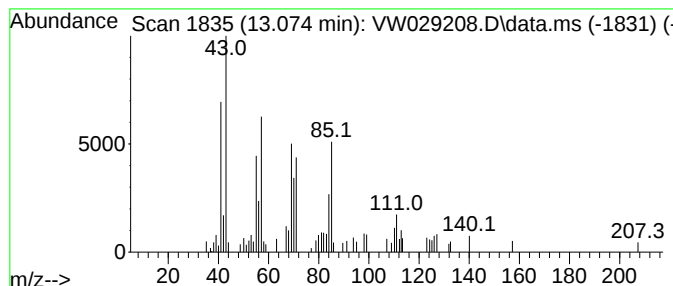
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	1.73 ug/L	13785	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
2			Formic acid, 2-ethylbutyl ester	130	C7H14O2	1000367-92-2	38
3			1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	38
4			Cyclopentane, pentyl-	140	C10H20	003741-00-2	35
5			Phosphine oxide, methyl phenyl 4...	296	C16H25O3P	1000195-93-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
Data File : VW029208.D
Acq On : 19 Jun 2024 12:34
Operator : SY/MD
Sample : P2934-21
Misc : 5.30g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4B57

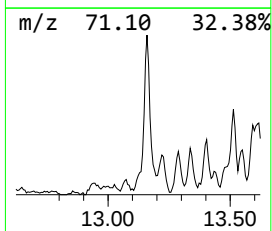
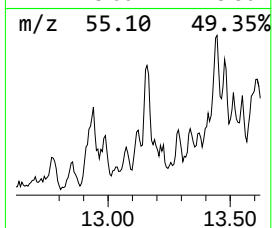
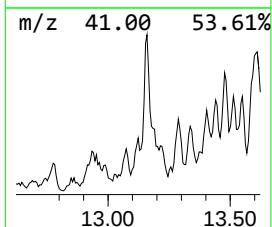
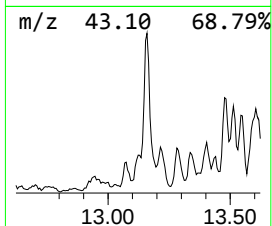
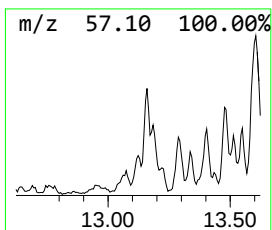
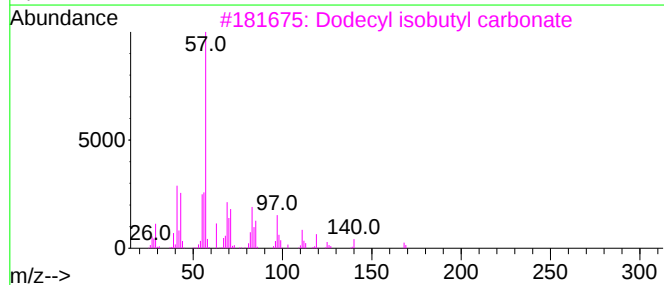
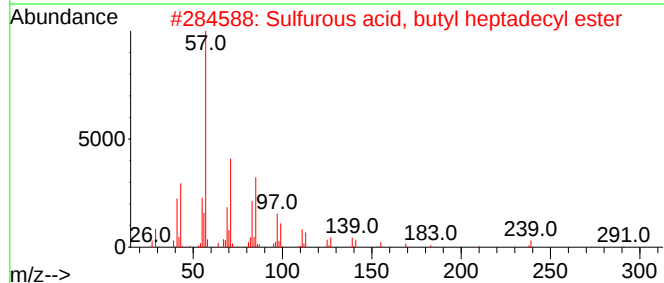
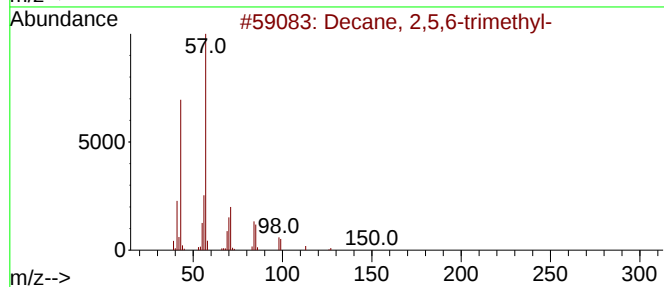
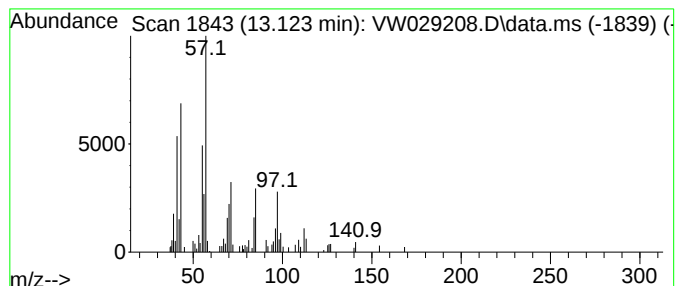
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	2.62 ug/L	20900	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
2		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	47
3		Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	47
4		Decane	142	C10H22	000124-18-5	47
5		Octane	114	C8H18	000111-65-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
Data File : VW029208.D
Acq On : 19 Jun 2024 12:34
Operator : SY/MD
Sample : P2934-21
Misc : 5.30g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4B57

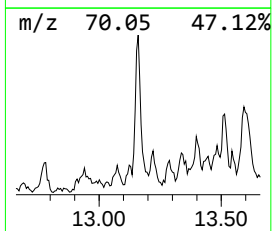
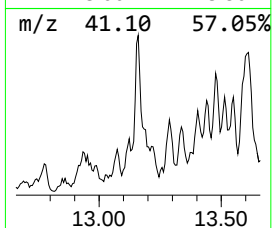
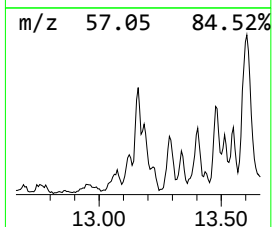
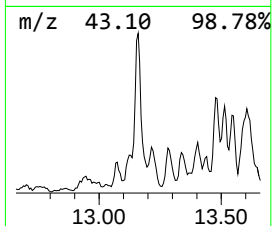
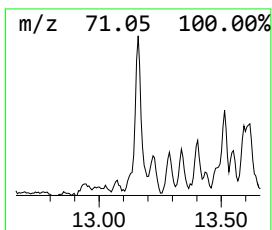
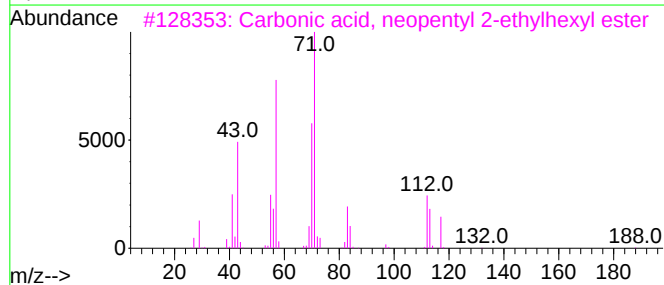
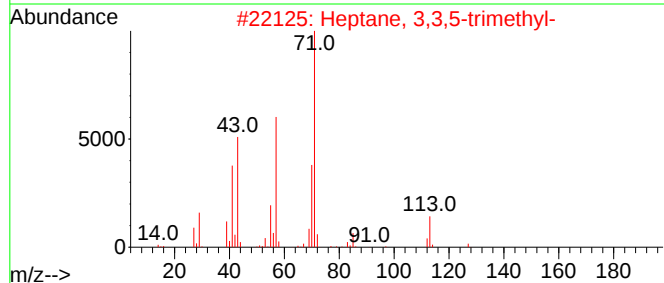
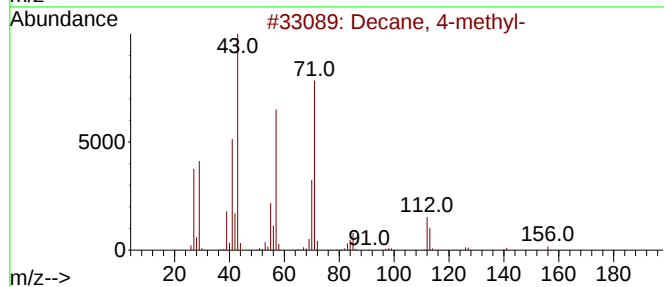
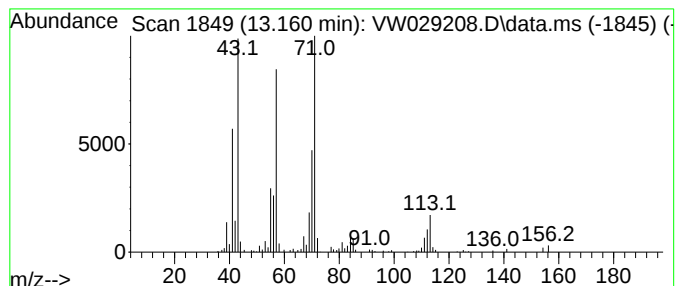
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	9.87 ug/L	78786	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	72
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
3			Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	72
4			Decane, 4-methyl-	156	C11H24	002847-72-5	59
5			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
Data File : VW029208.D
Acq On : 19 Jun 2024 12:34
Operator : SY/MD
Sample : P2934-21
Misc : 5.30g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

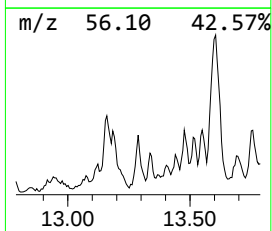
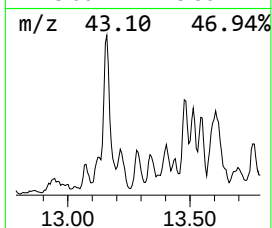
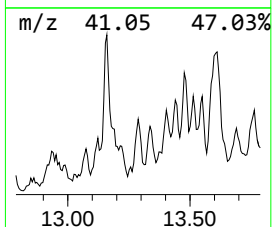
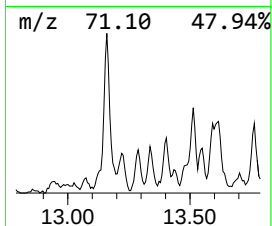
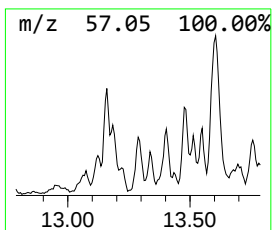
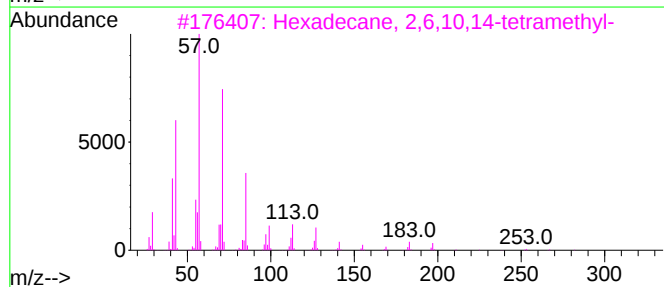
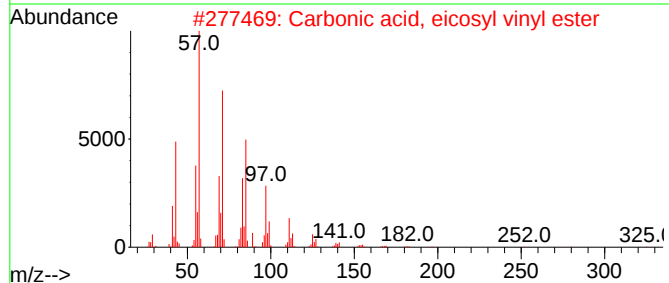
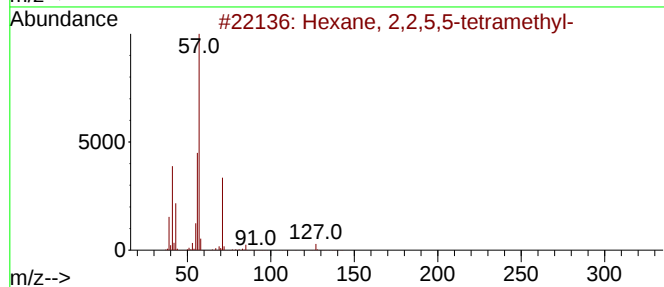
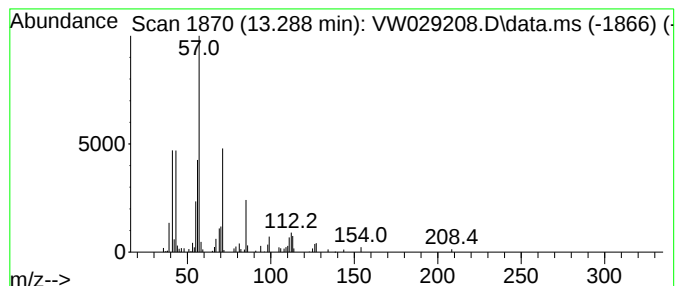
Instrument :
MSVOA_W
ClientSampleId :
A4B57

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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 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.288	3.30 ug/L	26354	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5,5-tetramethyl-		142	C10H22	001071-81-4	53
2	Carbonic acid, eicosyl vinyl ester		368	C23H44O3	1000382-54-3	50
3	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	50
4	Tridecane		184	C13H28	000629-50-5	47
5	Undecane, 3,9-dimethyl-		184	C13H28	017301-31-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
Data File : VW029208.D
Acq On : 19 Jun 2024 12:34
Operator : SY/MD
Sample : P2934-21
Misc : 5.30g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4B57

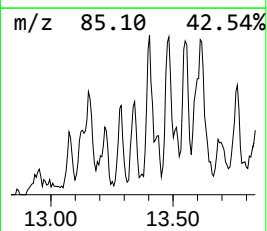
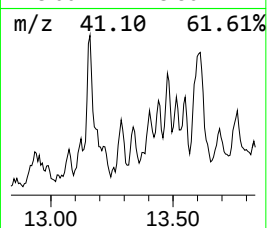
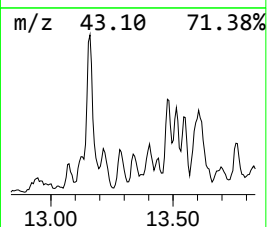
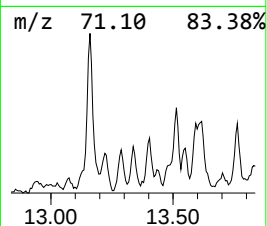
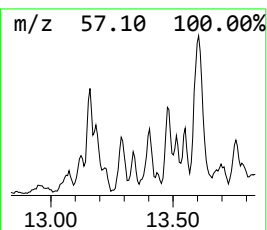
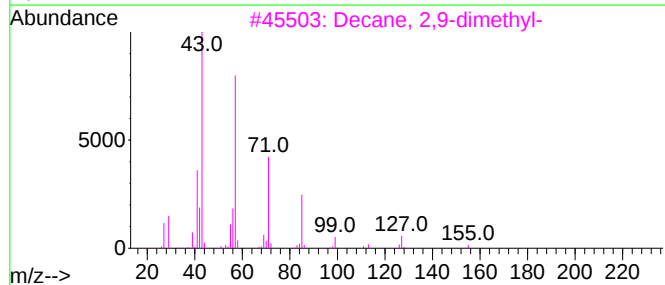
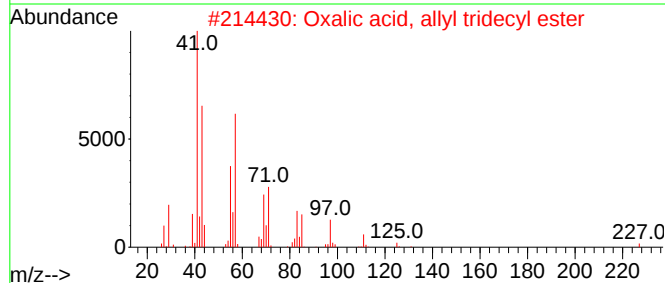
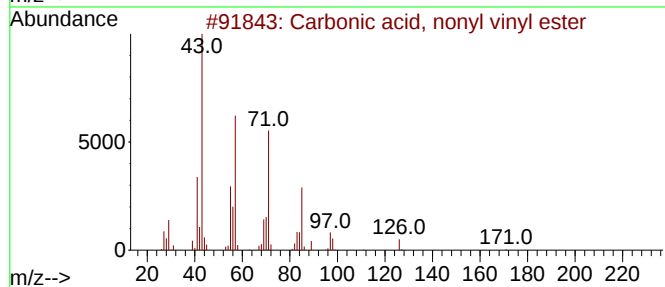
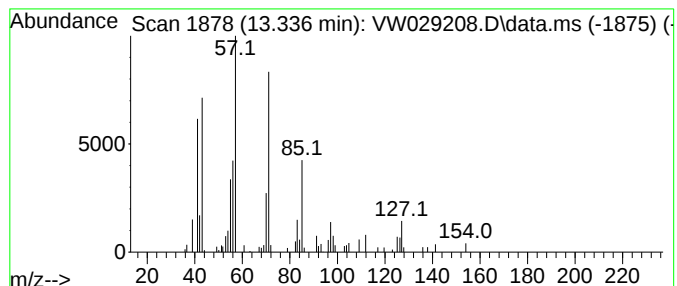
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Quant Title : SFAM01.0

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

Peak Number 10 Carbonic acid, nonyl vinyl ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.336	2.29 ug/L	18264	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	59
2			Oxalic acid, allyl tridecyl ester	312	C18H32O4	1000309-24-1	59
3			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	47
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
Data File : VW029208.D
Acq On : 19 Jun 2024 12:34
Operator : SY/MD
Sample : P2934-21
Misc : 5.30g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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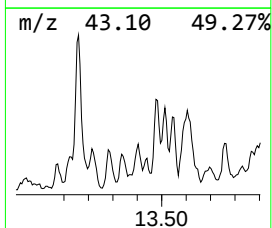
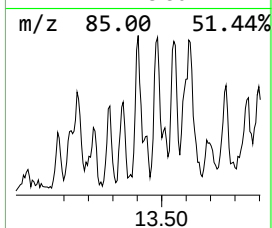
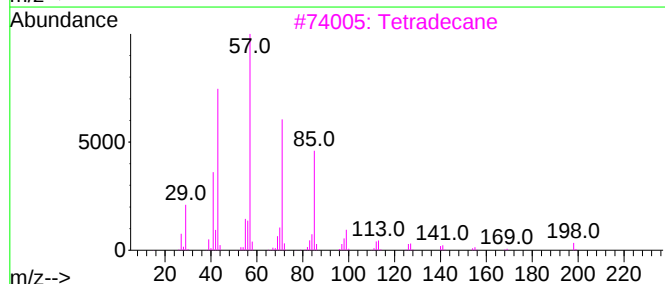
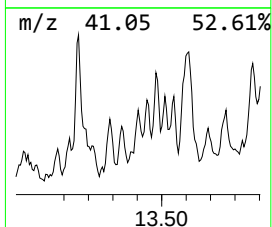
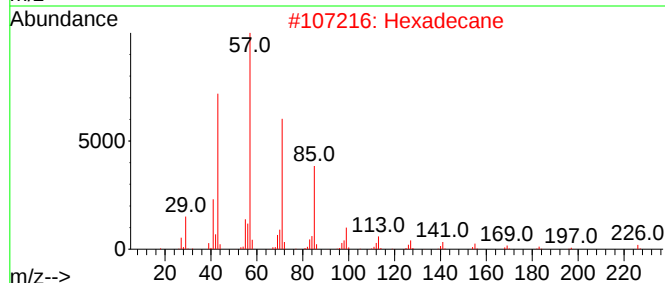
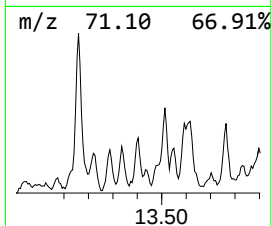
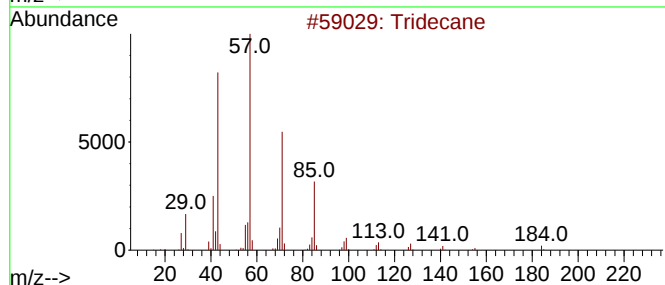
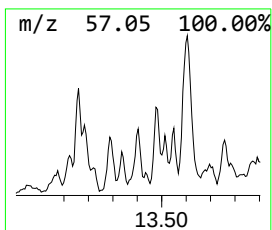
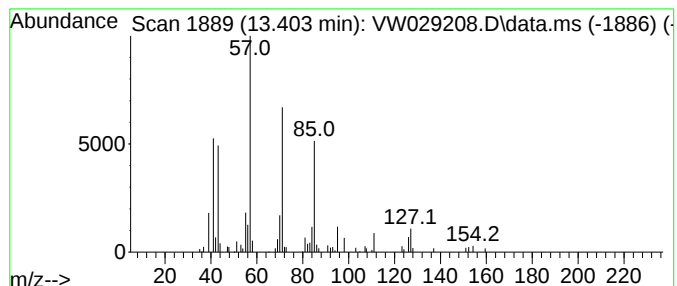
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.403	2.84 ug/L	22696	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	64
2			Hexadecane	226	C16H34	000544-76-3	64
3			Tetradecane	198	C14H30	000629-59-4	59
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53
5			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
Data File : VW029208.D
Acq On : 19 Jun 2024 12:34
Operator : SY/MD
Sample : P2934-21
Misc : 5.30g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4B57

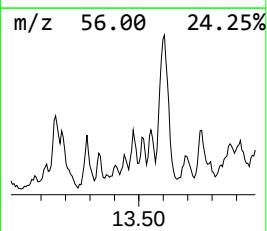
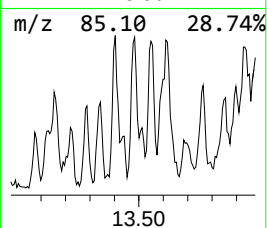
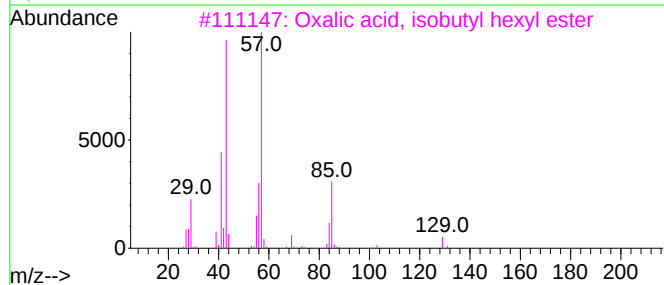
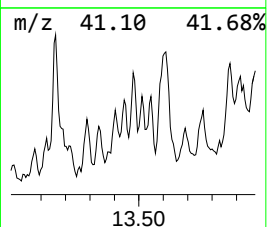
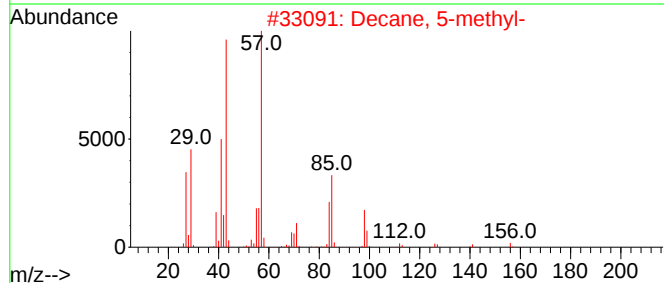
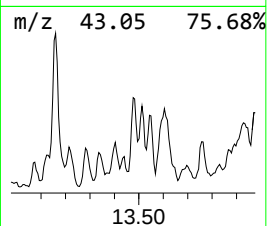
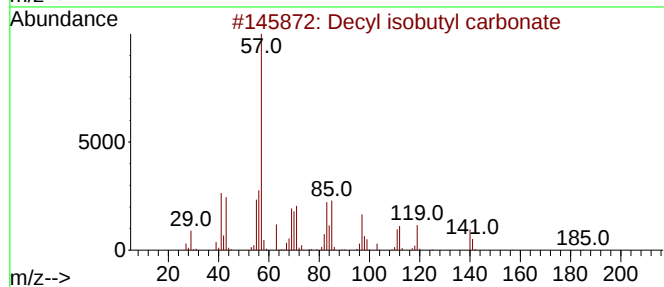
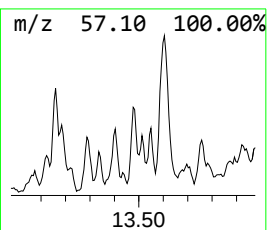
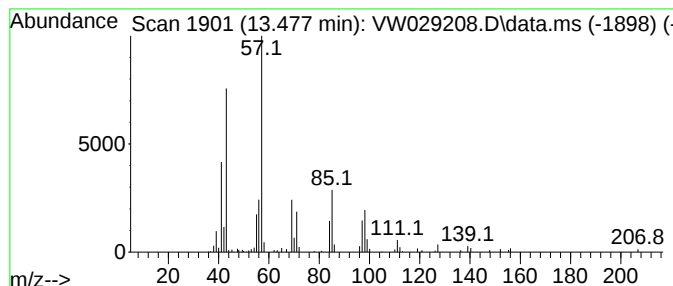
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Quant Title : SFAM01.0

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

Peak Number 12 Decyl isobutyl carbonate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	3.82 ug/L	30479	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	59
2			Decane, 5-methyl-	156	C11H24	013151-35-4	52
3			Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	47
4			Decane, 5-methyl-	156	C11H24	013151-35-4	47
5			Oxalic acid, decyl propyl ester	272	C15H28O4	1000309-26-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
Data File : VW029208.D
Acq On : 19 Jun 2024 12:34
Operator : SY/MD
Sample : P2934-21
Misc : 5.30g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

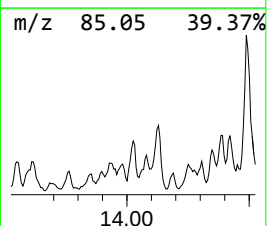
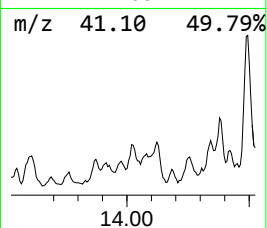
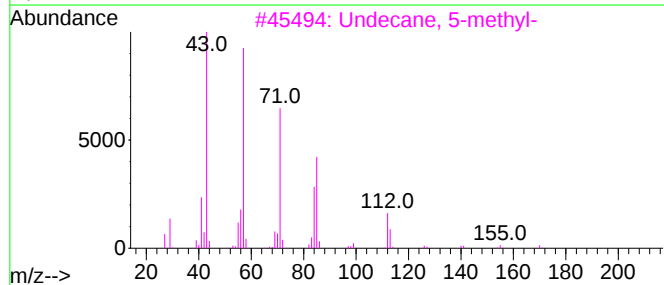
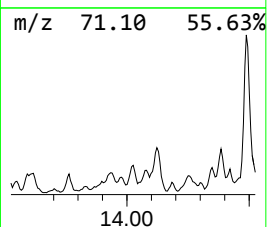
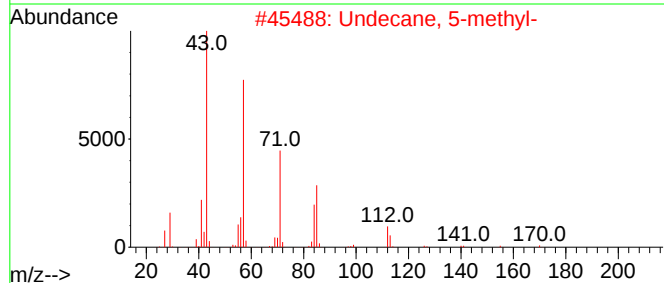
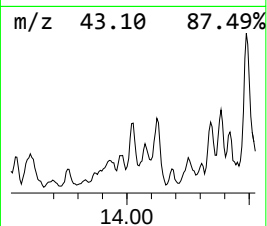
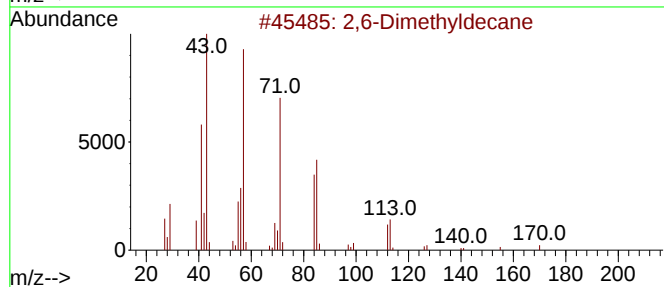
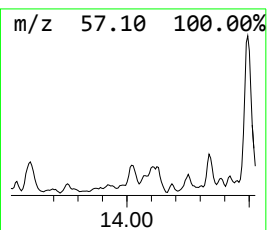
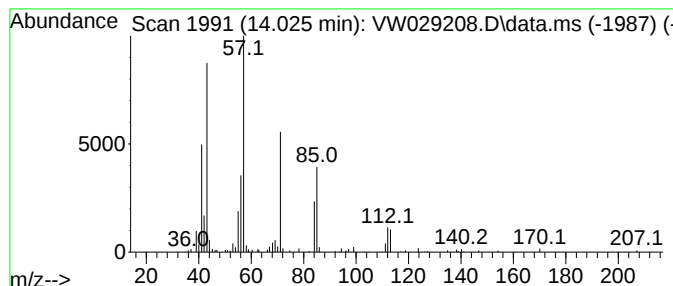
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.025	6.67 ug/L	53214	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,6-Dimethyldecane		170	C12H26	013150-81-7	87
2	Undecane, 5-methyl-		170	C12H26	001632-70-8	87
3	Undecane, 5-methyl-		170	C12H26	001632-70-8	74
4	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	74
5	Octane, 3,4,5,6-tetramethyl-		170	C12H26	062185-21-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
Data File : VW029208.D
Acq On : 19 Jun 2024 12:34
Operator : SY/MD
Sample : P2934-21
Misc : 5.30g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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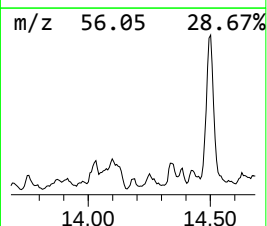
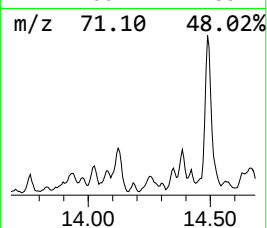
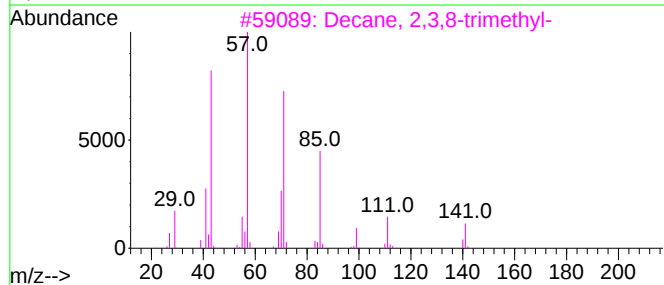
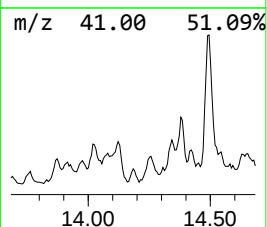
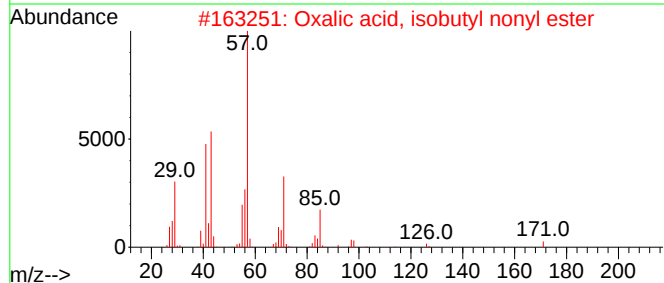
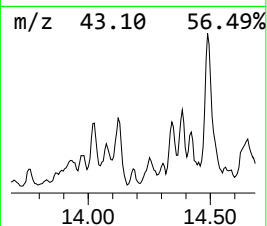
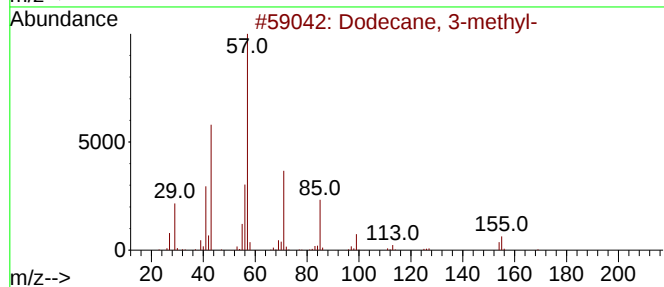
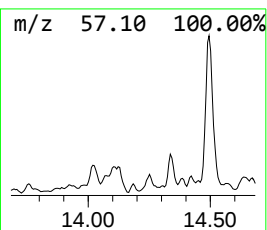
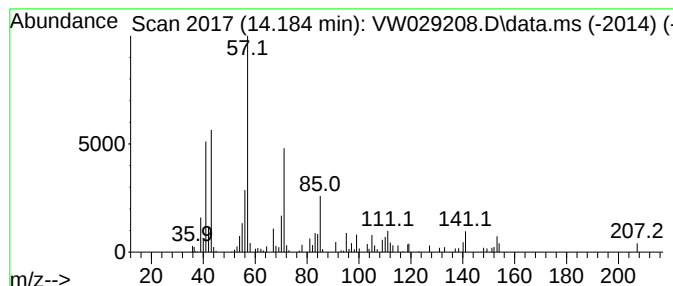
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.184	3.36 ug/L	26854	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
2			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	58
3			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	53
4			Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	50
5			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
Data File : VW029208.D
Acq On : 19 Jun 2024 12:34
Operator : SY/MD
Sample : P2934-21
Misc : 5.30g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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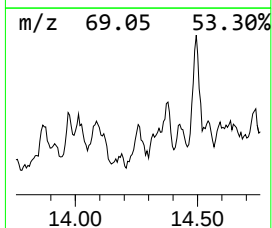
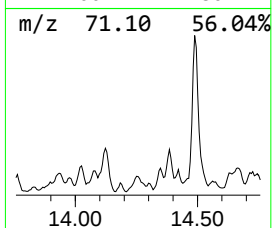
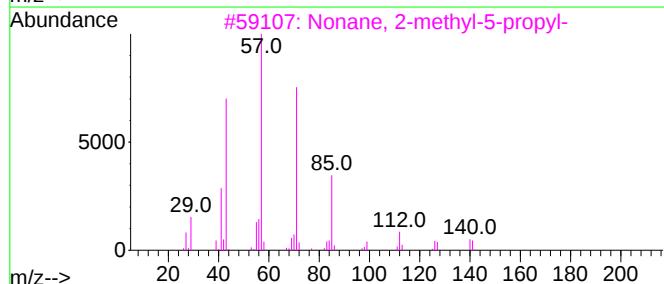
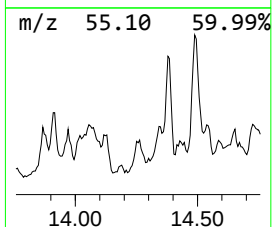
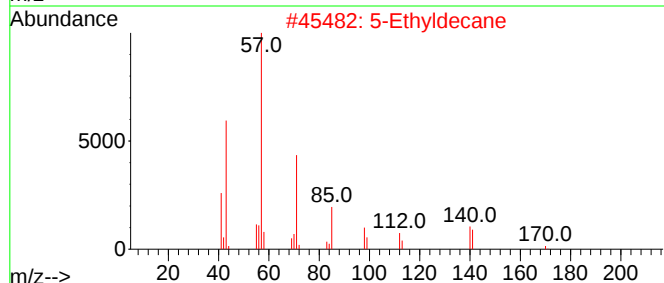
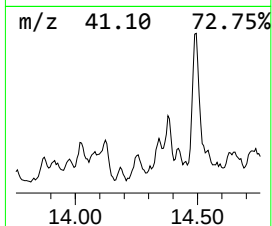
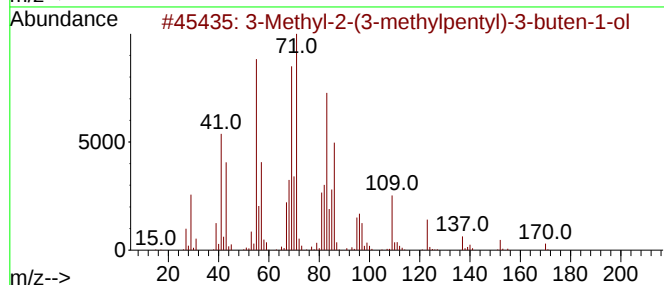
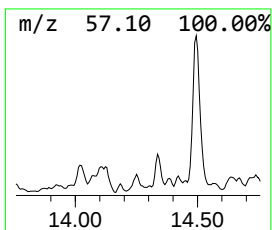
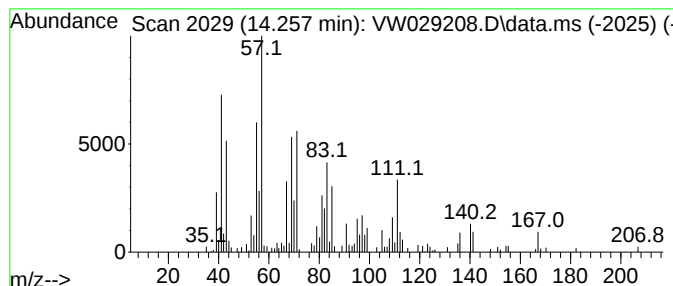
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Quant Title : SFAM01.0

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

Peak Number 15 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	7.47 ug/L	59600	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methyl-2-(3-methylpentyl)-3-bu...	170	C11H22O	013066-54-1	46
2			5-Ethyldecane	170	C12H26	017302-36-2	45
3			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	38
4			Hexadecane	226	C16H34	000544-76-3	22
5			Heptadecane	240	C17H36	000629-78-7	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
Data File : VW029208.D
Acq On : 19 Jun 2024 12:34
Operator : SY/MD
Sample : P2934-21
Misc : 5.30g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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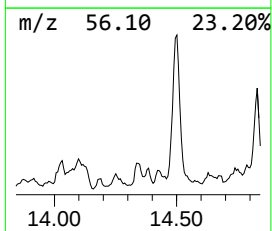
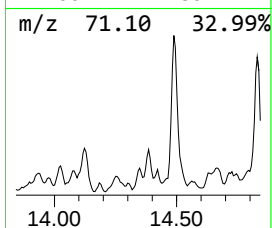
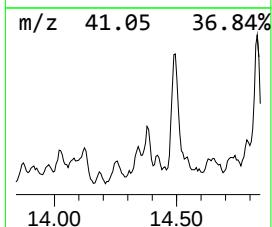
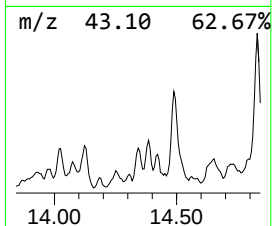
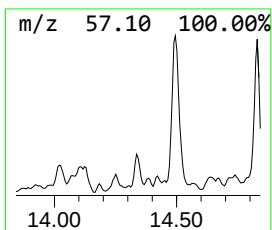
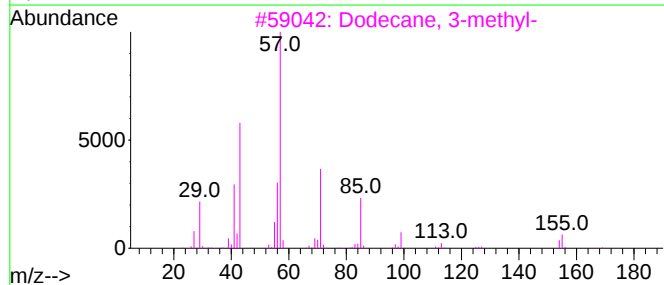
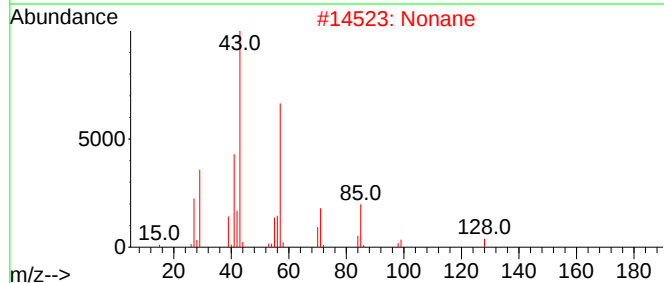
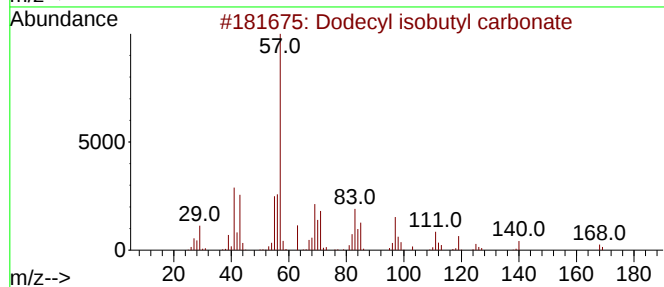
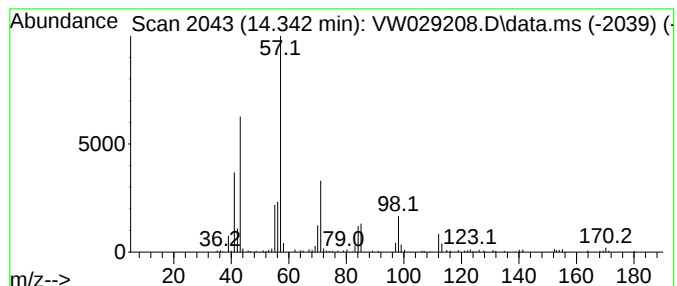
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Quant Title : SFAM01.0

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

Peak Number 16 Dodecyl isobutyl carbonate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.342	9.04 ug/L	72129	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	64
2			Nonane	128	C9H20	000111-84-2	53
3			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
4			Octyl tetracosyl ether	467	C32H66O	1000406-39-0	50
5			Undecane	156	C11H24	001120-21-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
Data File : VW029208.D
Acq On : 19 Jun 2024 12:34
Operator : SY/MD
Sample : P2934-21
Misc : 5.30g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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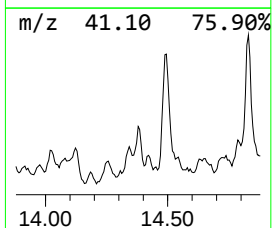
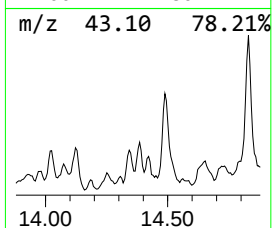
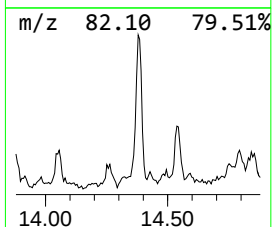
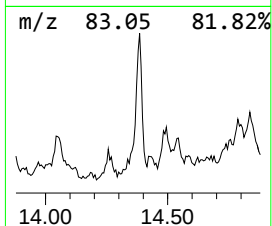
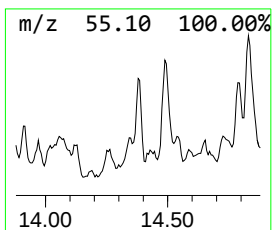
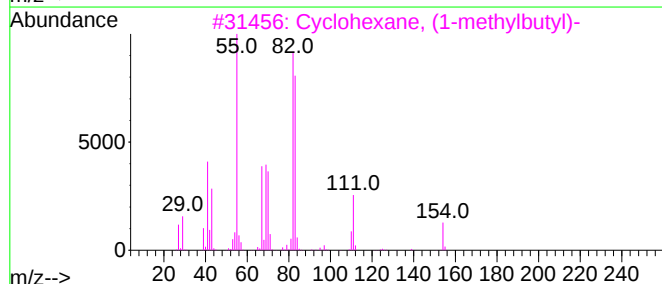
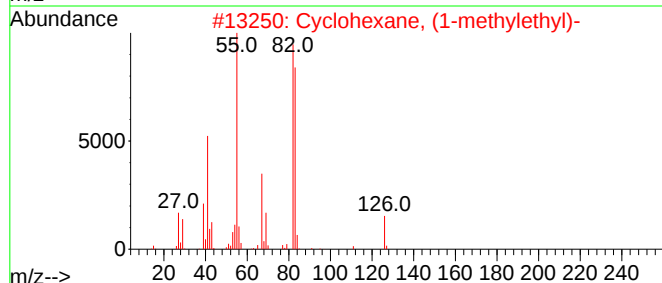
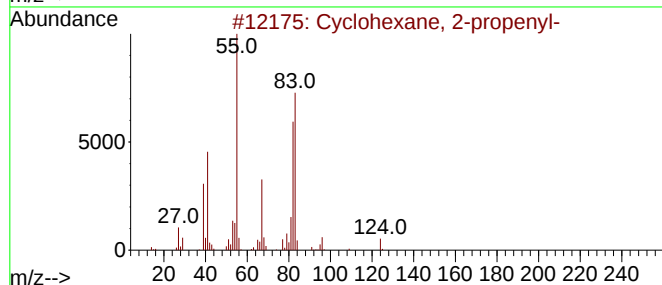
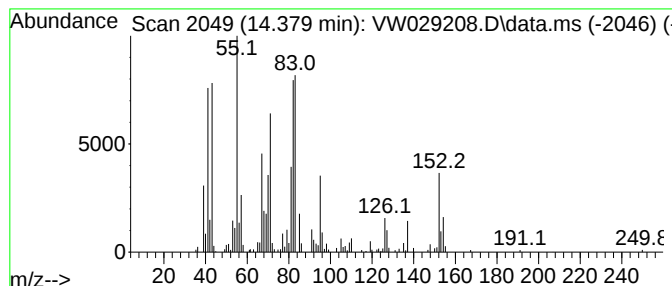
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Quant Title : SFAM01.0

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

Peak Number 17 Cyclohexane, 2-propenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	14.15 ug/L	112963	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	60
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3			Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	50
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
Data File : VW029208.D
Acq On : 19 Jun 2024 12:34
Operator : SY/MD
Sample : P2934-21
Misc : 5.30g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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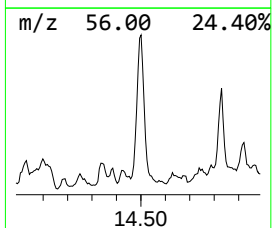
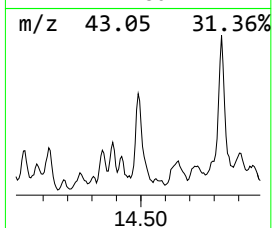
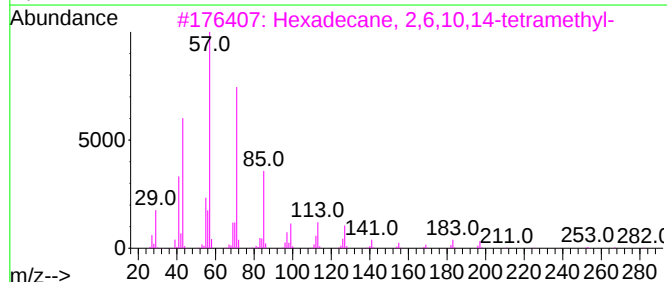
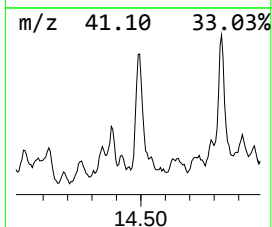
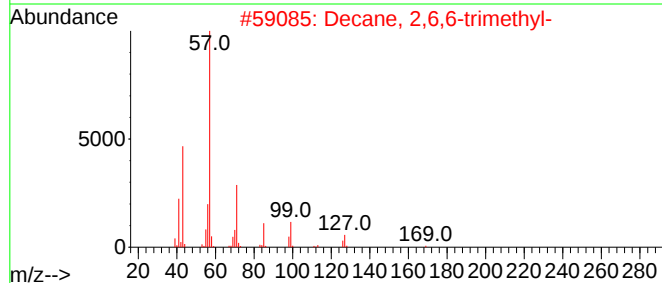
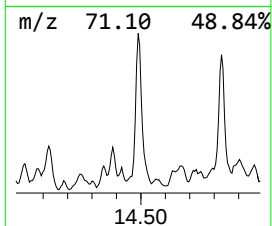
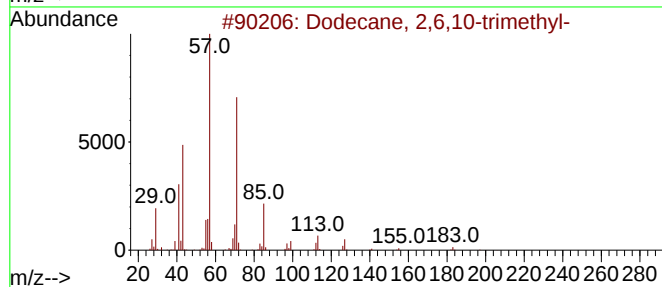
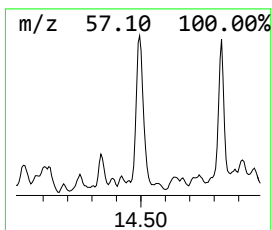
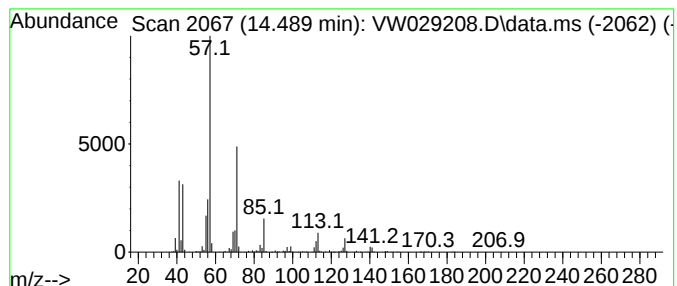
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.489	51.78 ug/L	413281	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	72
2			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	72
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
5			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
Data File : VW029208.D
Acq On : 19 Jun 2024 12:34
Operator : SY/MD
Sample : P2934-21
Misc : 5.30g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

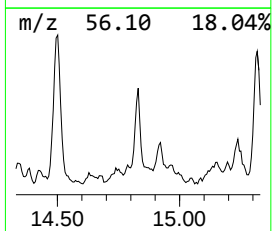
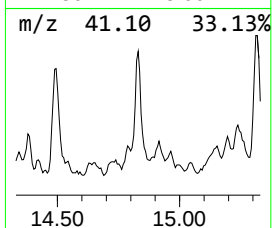
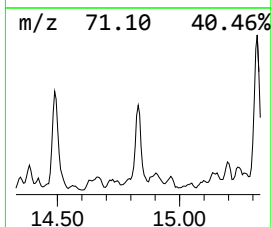
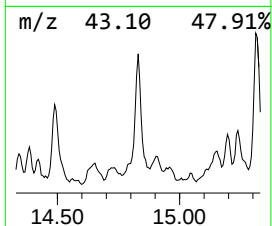
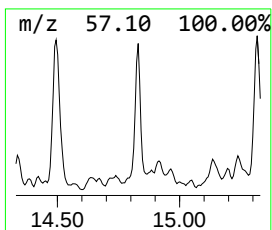
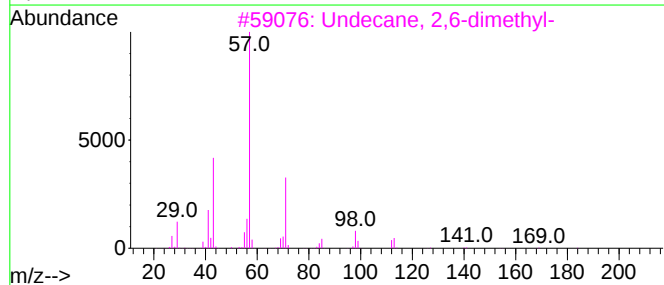
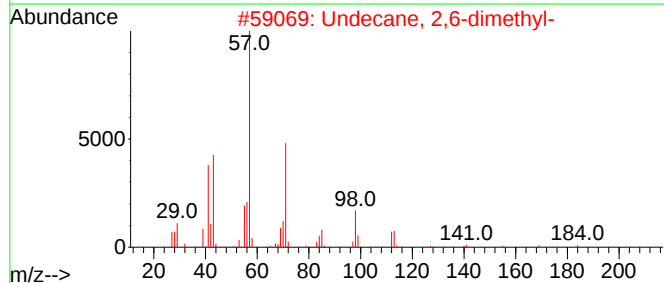
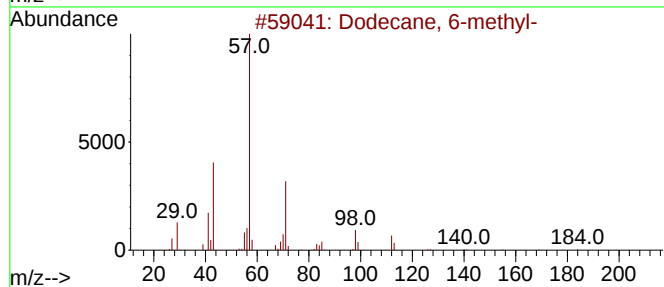
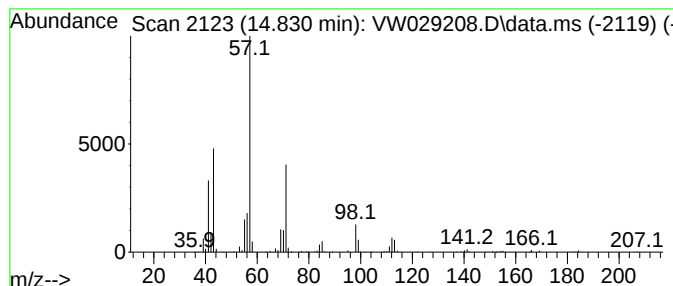
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MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.830	42.78 ug/L	341458	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 6-methyl-		184	C13H28	006044-71-9	95
2	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	95
3	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	90
4	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	87
5	Decane, 2,6,8-trimethyl-		184	C13H28	062108-26-3	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
Data File : VW029208.D
Acq On : 19 Jun 2024 12:34
Operator : SY/MD
Sample : P2934-21
Misc : 5.30g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4B57

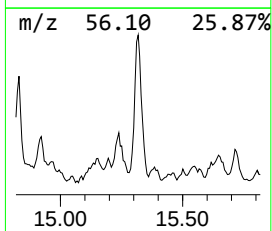
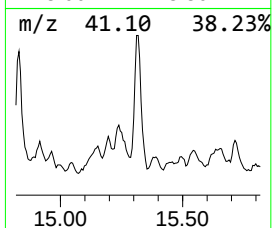
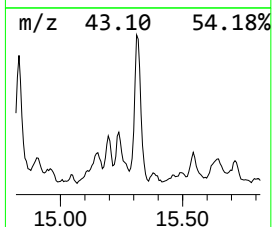
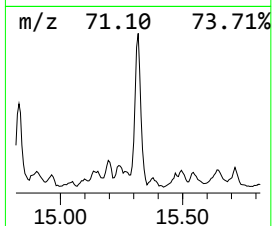
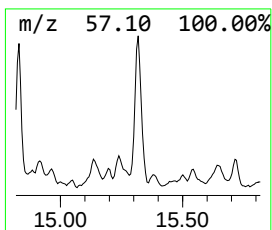
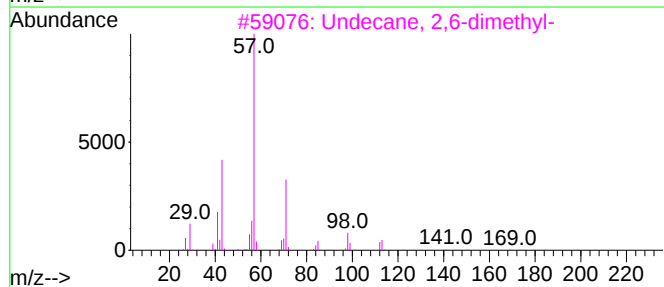
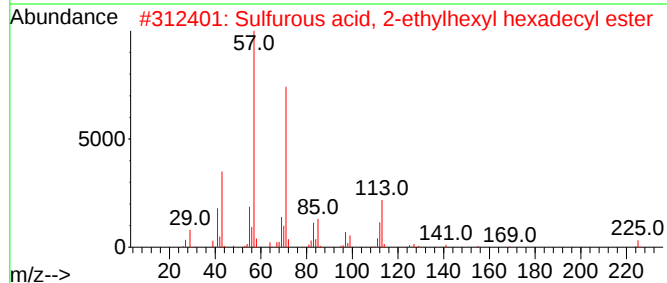
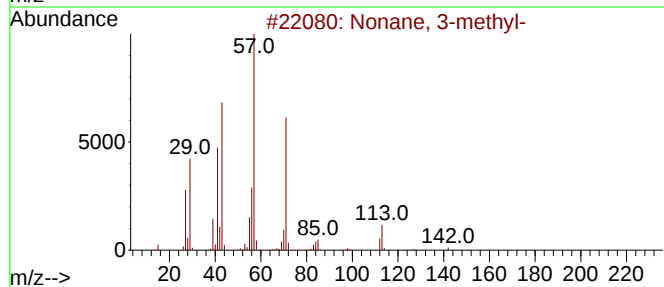
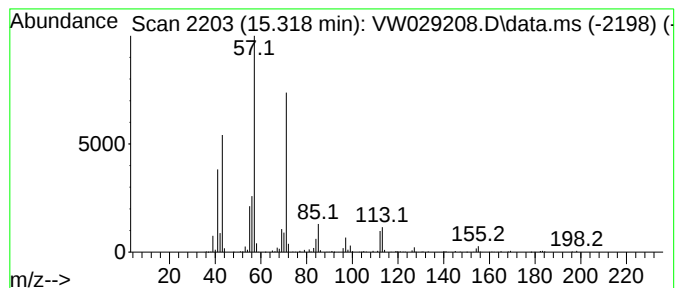
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	60.06 ug/L	479335	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	78
2			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	78
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	74
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
Data File : VW029208.D
Acq On : 19 Jun 2024 12:34
Operator : SY/MD
Sample : P2934-21
Misc : 5.30g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4B57

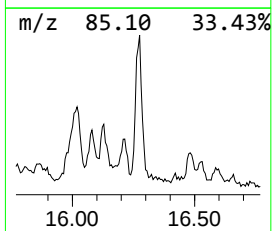
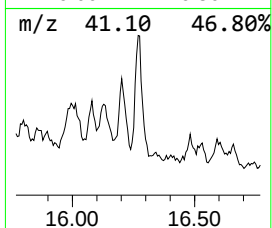
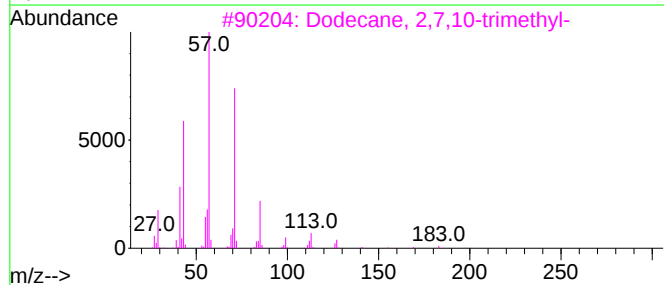
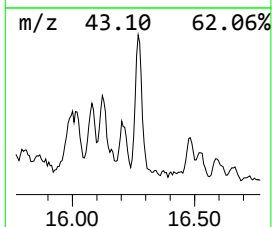
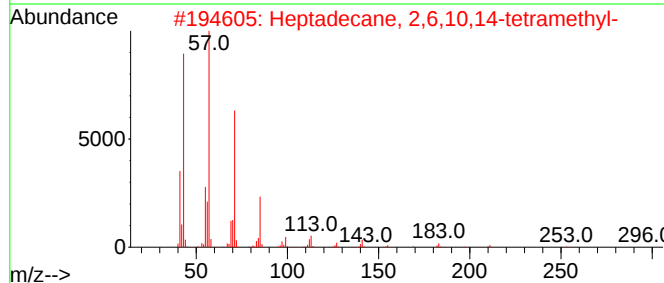
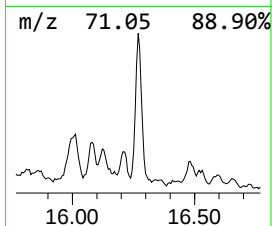
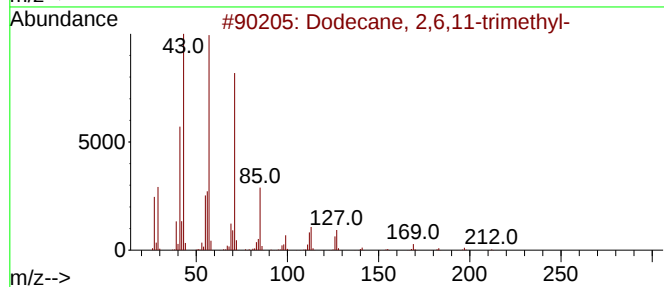
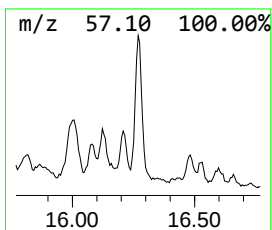
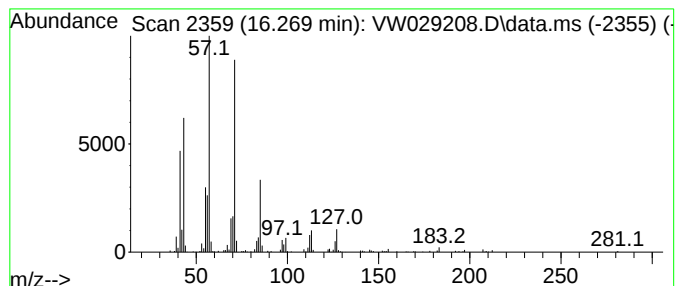
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.269	25.19 ug/L	201039	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
4		Octane, 2-methyl-	128	C9H20	003221-61-2	80
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
Data File : VW029208.D
Acq On : 19 Jun 2024 12:34
Operator : SY/MD
Sample : P2934-21
Misc : 5.30g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4B57

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	12.775	2.4	ug/L	19458	3	13.556	199532	25.0
(DEL) Alkane: C...	12.855	1.6	ug/L	12686	3	13.556	199532	25.0
(DEL) Alkane: S...	12.940	5.1	ug/L	40834	3	13.556	199532	25.0
(DEL) Alkane: S...	13.074	1.7	ug/L	13785	3	13.556	199532	25.0
(DEL) Alkane: S...	13.123	2.6	ug/L	20900	3	13.556	199532	25.0
(DEL) Alkane: S...	13.160	9.9	ug/L	78786	3	13.556	199532	25.0
(DEL) Alkane: S...	13.288	3.3	ug/L	26354	3	13.556	199532	25.0
Carbonic acid, ...	13.336	2.3	ug/L	18264	3	13.556	199532	25.0
(DEL) Alkane: S...	13.403	2.8	ug/L	22696	3	13.556	199532	25.0
Decyl isobutyl ...	13.477	3.8	ug/L	30479	3	13.556	199532	25.0
(DEL) Alkane: S...	14.025	6.7	ug/L	53214	3	13.556	199532	25.0
(DEL) Alkane: S...	14.184	3.4	ug/L	26854	3	13.556	199532	25.0
unknown-01	14.257	7.5	ug/L	59600	3	13.556	199532	25.0
Dodecyl isobuty...	14.342	9.0	ug/L	72129	3	13.556	199532	25.0
Cyclohexane, 2-...	14.379	14.2	ug/L	112963	3	13.556	199532	25.0
(DEL) Alkane: S...	14.489	51.8	ug/L	413281	3	13.556	199532	25.0
(DEL) Alkane: S...	14.830	42.8	ug/L	341458	3	13.556	199532	25.0
(DEL) Alkane: S...	15.318	60.1	ug/L	479335	3	13.556	199532	25.0
(DEL) Alkane: S...	16.269	25.2	ug/L	201039	3	13.556	199532	25.0