

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071124\
 Data File : VW029536.D
 Acq On : 11 Jul 2024 17:58
 Operator : SY/MD
 Sample : P3178-16
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4BY4

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\SFAMWLM070824SMA.M
 Title : SFAM01.0

Signal : TIC: VW029536.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.161	41	45	50	rBV3	5023	10106	0.82%	0.113%
2	2.363	72	78	92	rVB	69831	166647	13.44%	1.870%
3	2.893	158	165	180	rBV2	51192	151541	12.22%	1.700%
4	3.259	223	225	228	rVB2	577	465	0.04%	0.005%
5	3.375	240	244	245	rBV2	1055	1266	0.10%	0.014%
6	3.454	254	257	260	rBV3	472	508	0.04%	0.006%
7	3.551	270	273	277	rBV5	366	500	0.04%	0.006%
8	3.606	280	282	287	rVB4	361	437	0.04%	0.005%
9	3.716	296	300	301	rBV4	720	1091	0.09%	0.012%
10	3.844	317	321	322	rBV2	826	689	0.06%	0.008%
11	3.875	322	326	336	rVB8	1741	4553	0.37%	0.051%
12	4.021	336	350	361	rBV	135591	418653	33.77%	4.697%
13	4.387	402	410	413	rBV3	3235	7347	0.59%	0.082%
14	4.588	440	443	446	rBV2	796	757	0.06%	0.008%
15	4.624	446	449	453	rVB3	415	498	0.04%	0.006%
16	4.667	453	456	458	rBV4	464	675	0.05%	0.008%
17	4.765	469	472	474	rVB3	534	593	0.05%	0.007%
18	4.911	484	496	510	rBV3	12280	51416	4.15%	0.577%
19	5.167	535	538	540	rBV3	392	547	0.04%	0.006%
20	5.228	546	548	552	rBV4	416	698	0.06%	0.008%
21	5.368	569	571	573	rBV2	698	622	0.05%	0.007%
22	5.447	578	584	588	rVV3	540	1250	0.10%	0.014%
23	5.618	611	612	617	rVB3	532	464	0.04%	0.005%
24	5.661	617	619	621	rBV2	630	536	0.04%	0.006%
25	5.777	637	638	641	rVV3	635	585	0.05%	0.007%
26	5.801	641	642	646	rVB3	660	621	0.05%	0.007%
27	5.941	652	665	676	rBV3	5921	18112	1.46%	0.203%
28	6.203	704	708	711	rVB2	516	589	0.05%	0.007%
29	6.289	720	722	727	rVB4	511	708	0.06%	0.008%
30	6.502	753	757	760	rBV3	438	453	0.04%	0.005%
31	6.685	785	787	788	rBV2	558	447	0.04%	0.005%
32	6.837	810	812	816	rVB	582	656	0.05%	0.007%
33	6.917	821	825	829	rVB4	447	725	0.06%	0.008%
34	6.978	829	835	836	rBV2	537	877	0.07%	0.010%
35	6.996	836	838	842	rVB4	498	541	0.04%	0.006%
36	7.081	842	852	860	rBV	30841	94064	7.59%	1.055%

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 Title : SFAM01.0

37	7.368	897	899	902	rBV3	412	510	0.04%	0.006%
38	7.410	904	906	911	rVB3	436	548	0.04%	0.006%
39	7.478	914	917	919	rBV4	341	503	0.04%	0.006%
40	7.545	925	928	930	rBV3	431	604	0.05%	0.007%
41	7.648	935	945	958	rBV	196688	499275	40.27%	5.601%
42	7.752	961	962	969	rVV5	541	779	0.06%	0.009%
43	7.916	986	989	991	rBV2	337	431	0.03%	0.005%
44	8.038	1006	1009	1011	rBV2	513	555	0.04%	0.006%
45	8.112	1019	1021	1022	rBV2	478	427	0.03%	0.005%
46	8.276	1036	1048	1066	rBV2	419400	1239699	100.00%	13.907%
47	8.398	1066	1068	1070	rVB3	784	686	0.06%	0.008%
48	8.471	1076	1080	1081	rBV4	1035	1193	0.10%	0.013%
49	8.618	1102	1104	1109	rBV4	353	489	0.04%	0.005%
50	8.697	1112	1117	1122	rBV7	1203	2617	0.21%	0.029%
51	8.843	1131	1141	1153	rBV	461255	912683	73.62%	10.239%
52	9.069	1169	1178	1186	rBV5	4200	10802	0.87%	0.121%
53	9.270	1199	1211	1227	rBV	283284	595923	48.07%	6.685%
54	9.520	1250	1252	1260	rVB4	640	1229	0.10%	0.014%
55	9.593	1260	1264	1265	rBV3	594	746	0.06%	0.008%
56	9.660	1270	1275	1276	rBV4	806	954	0.08%	0.011%
57	9.751	1287	1290	1293	rVB5	1164	1653	0.13%	0.019%
58	9.782	1293	1295	1298	rVB3	634	493	0.04%	0.006%
59	9.892	1308	1313	1318	rVB5	1576	2575	0.21%	0.029%
60	9.934	1318	1320	1321	rBV2	572	511	0.04%	0.006%
61	10.032	1327	1336	1346	rBV	113933	213446	17.22%	2.395%
62	10.203	1362	1364	1367	rVB3	492	577	0.05%	0.006%
63	10.325	1375	1384	1392	rBV	503999	912137	73.58%	10.233%
64	10.477	1407	1409	1410	rBV	986	748	0.06%	0.008%
65	10.575	1419	1425	1435	rBV	67662	123596	9.97%	1.387%
66	10.696	1442	1445	1450	rVB4	4169	7299	0.59%	0.082%
67	10.751	1450	1454	1456	rBV4	888	1159	0.09%	0.013%
68	10.794	1459	1461	1463	rVB2	627	442	0.04%	0.005%
69	10.837	1463	1468	1470	rBV5	1381	1975	0.16%	0.022%
70	10.922	1476	1482	1496	rBV	115243	213530	17.22%	2.395%
71	11.178	1520	1524	1526	rVB5	1572	1957	0.16%	0.022%
72	11.221	1526	1531	1538	rVB7	2855	6508	0.52%	0.073%
73	11.276	1538	1540	1543	rBV3	992	1330	0.11%	0.015%
74	11.330	1546	1549	1554	rBV5	1949	3233	0.26%	0.036%
75	11.507	1573	1578	1583	rBV3	3778	6485	0.52%	0.073%
76	11.629	1590	1598	1607	rBV	493106	828207	66.81%	9.291%

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77	11.867	1633	1637	1642	rBV5	5884	10320	0.83%	0.116%
78	11.971	1650	1654	1655	rBV3	2005	2456	0.20%	0.028%
79	11.995	1657	1658	1660	rVV2	1387	1233	0.10%	0.014%
80	12.062	1664	1669	1673	rVB4	6816	10977	0.89%	0.123%
81	12.129	1674	1680	1686	rBV4	15652	36188	2.92%	0.406%
82	12.245	1695	1699	1704	rVB	25377	41271	3.33%	0.463%
83	12.361	1704	1718	1724	rBV4	26277	95485	7.70%	1.071%
84	12.599	1751	1757	1764	rVB2	29722	67485	5.44%	0.757%
85	12.690	1765	1772	1778	rBV	169725	292756	23.62%	3.284%
86	12.855	1793	1799	1804	rBV6	12796	31141	2.51%	0.349%
87	12.940	1805	1813	1818	rBV6	32263	86866	7.01%	0.974%
88	13.074	1831	1835	1839	rBV3	21214	30358	2.45%	0.341%
89	13.123	1839	1843	1846	rBV3	19004	29824	2.41%	0.335%
90	13.159	1846	1849	1851	rBV	18892	24355	1.96%	0.273%
91	13.287	1867	1870	1874	rVB	27585	36686	2.96%	0.412%
92	13.336	1875	1878	1882	rBV	19072	25268	2.04%	0.283%
93	13.556	1908	1914	1919	rBV	274051	448705	36.19%	5.034%
94	13.848	1956	1962	1970	rBV	226286	465954	37.59%	5.227%
95	14.184	2014	2017	2022	rBV5	17310	27125	2.19%	0.304%
96	14.257	2025	2029	2034	rVB5	31196	53921	4.35%	0.605%
97	14.379	2045	2049	2054	rBV2	63710	95788	7.73%	1.075%
98	14.488	2064	2067	2071	rBV3	35347	67487	5.44%	0.757%
99	15.318	2198	2203	2210	rVB	143825	239016	19.28%	2.681%
100	16.275	2355	2360	2367	rVB	83491	154502	12.46%	1.733%

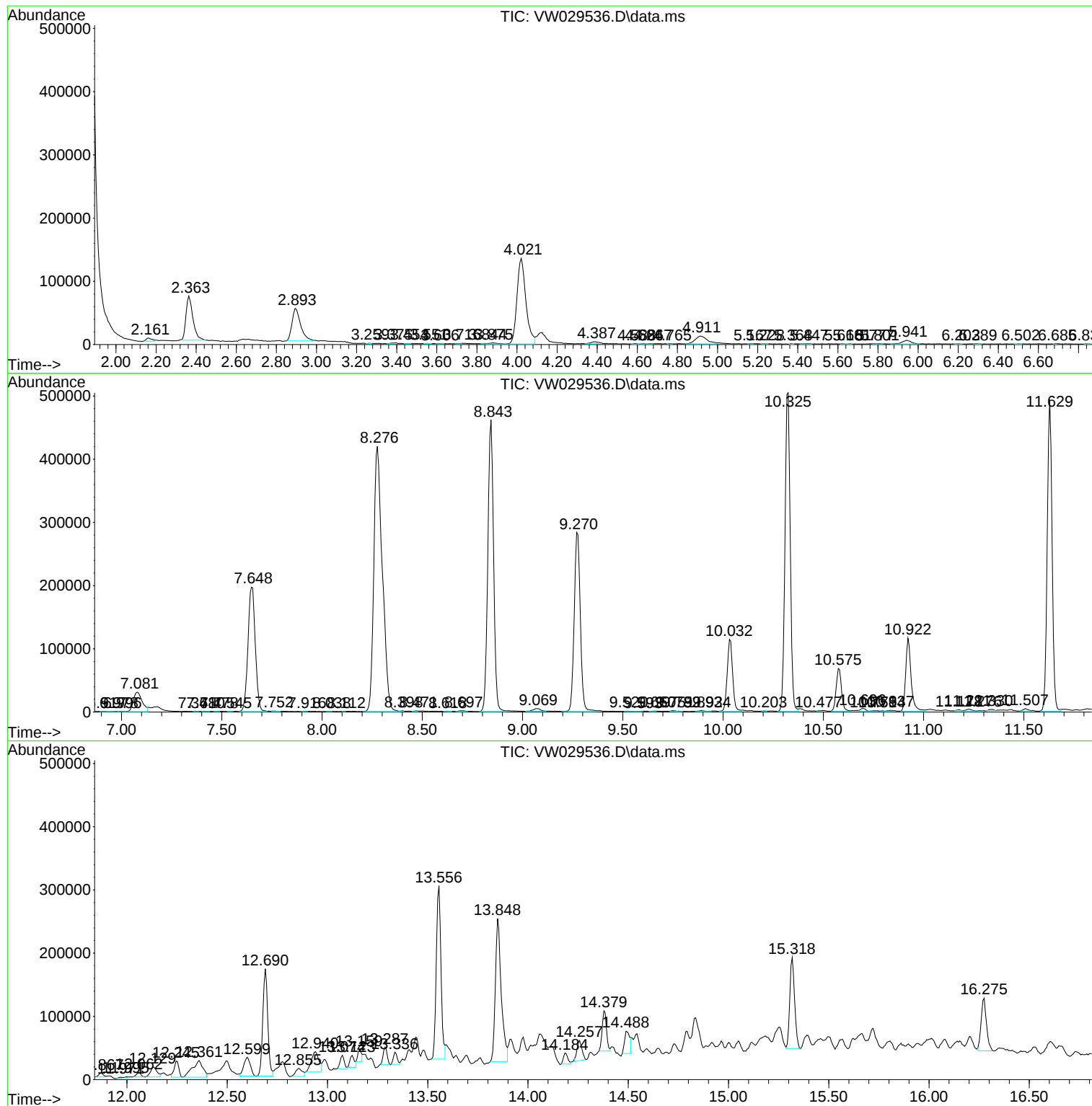
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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



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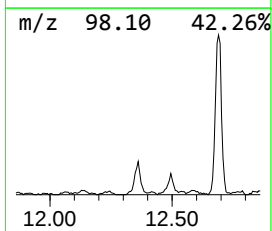
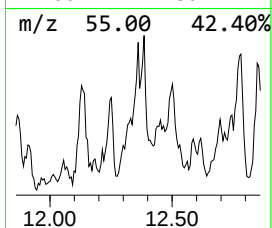
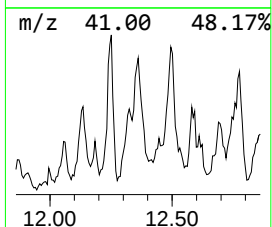
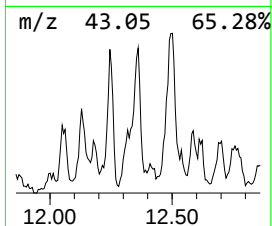
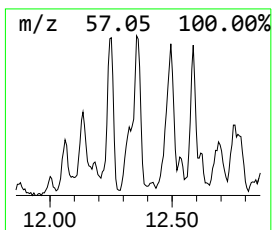
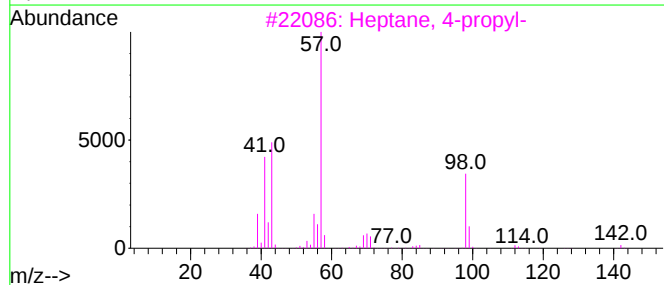
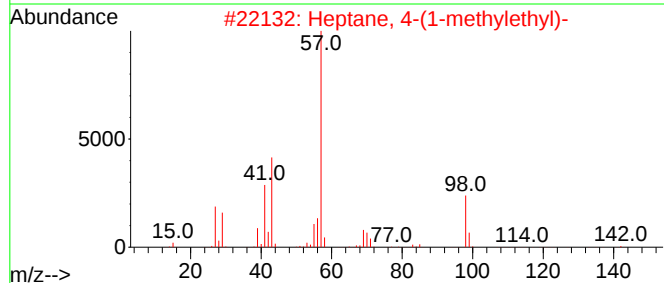
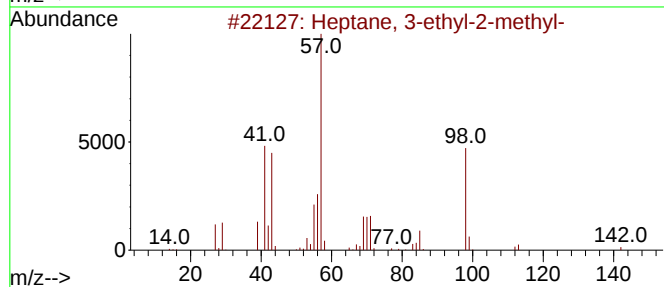
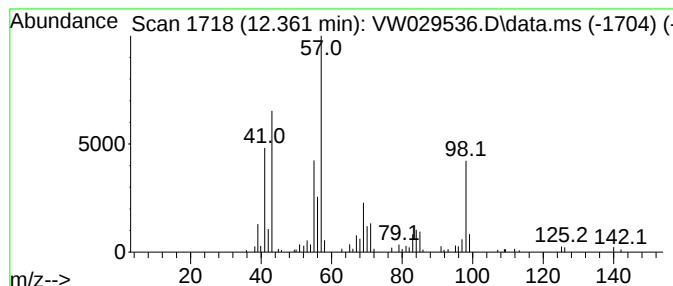
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	2.88 ug/L	95485	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	81
2			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	53
3			Heptane, 4-propyl-	142	C10H22	003178-29-8	52
4			Heptane, 4-propyl-	142	C10H22	003178-29-8	50
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47



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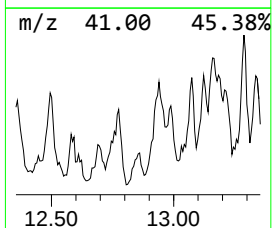
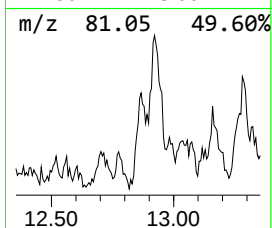
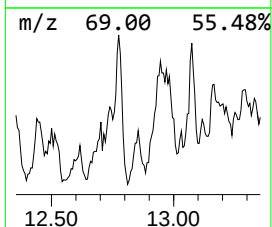
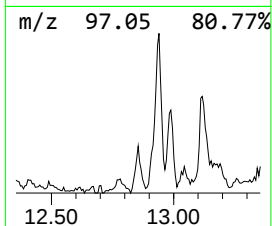
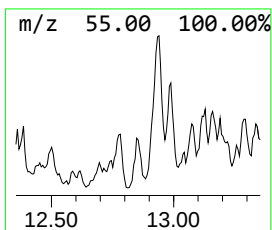
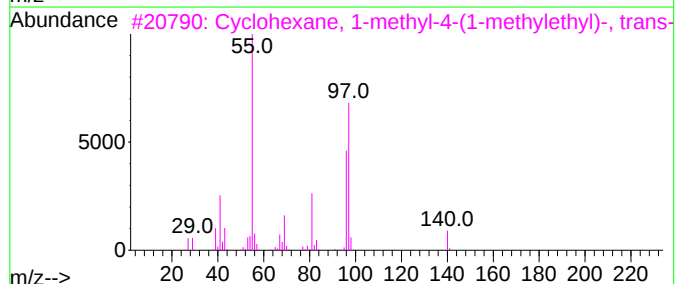
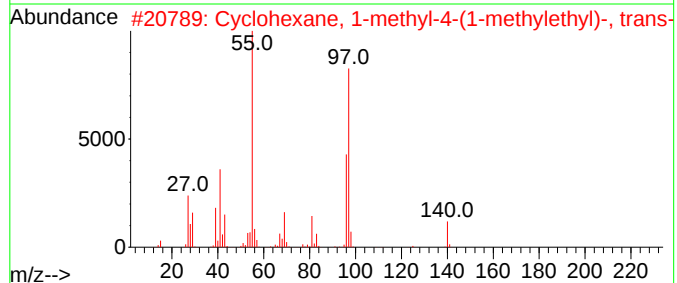
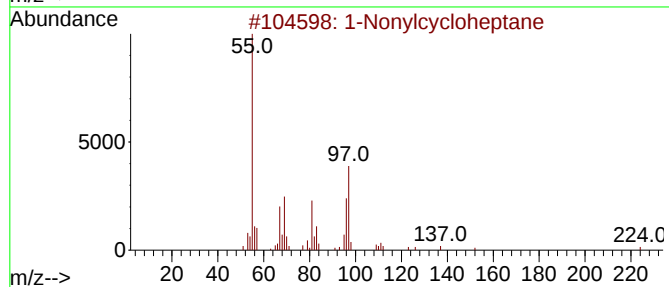
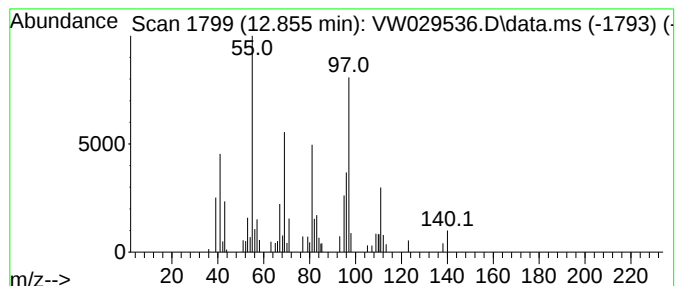
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic12.855 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	1.74 ug/L	31141	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonylcycloheptane	224	C16H32	1000371-47-7	59
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	52
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52



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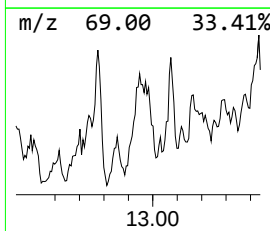
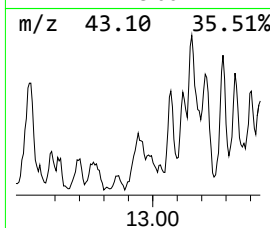
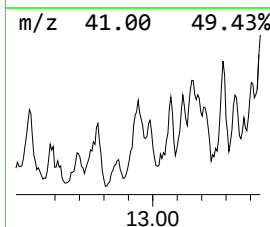
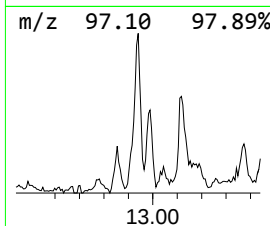
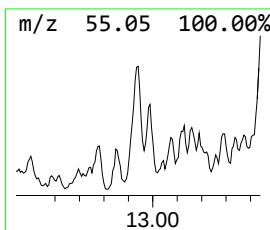
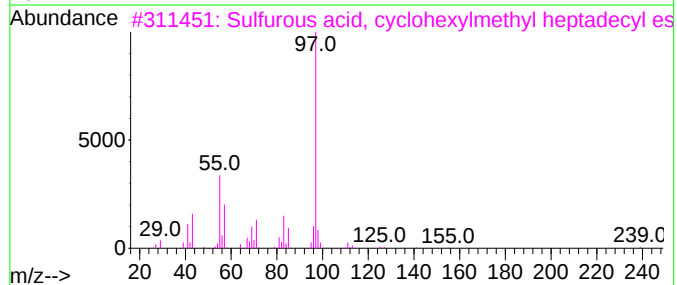
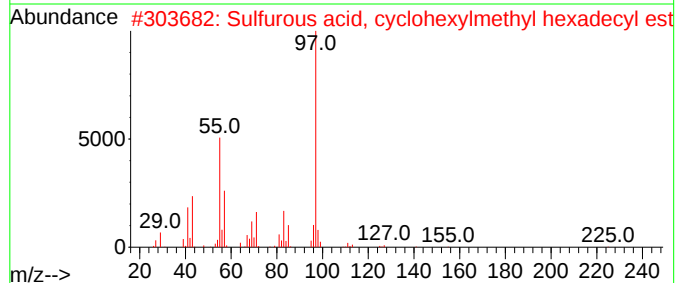
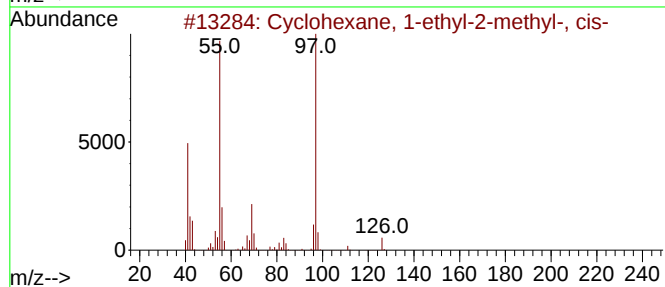
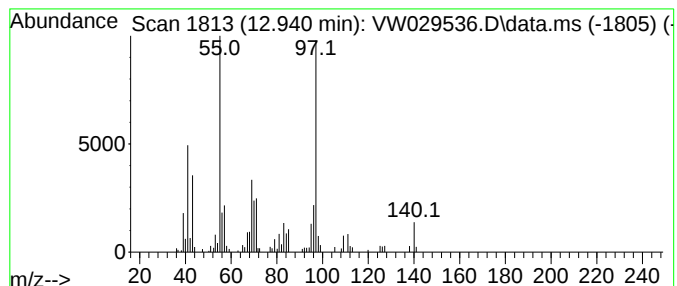
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic12.940 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	4.84 ug/L	86866	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	49
2			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	47
3			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	47
4			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	47
5			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071124\
Data File : VW029536.D
Acq On : 11 Jul 2024 17:58
Operator : SY/MD
Sample : P3178-16
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

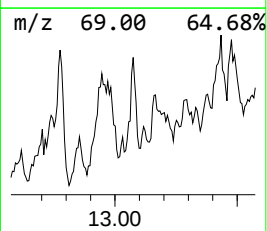
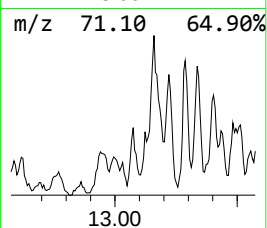
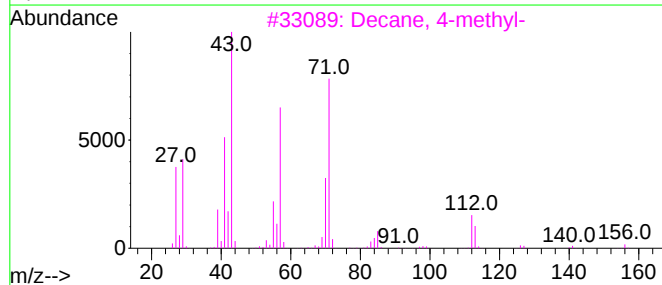
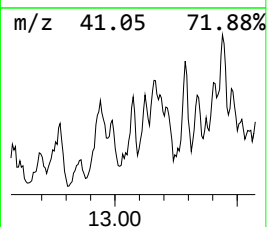
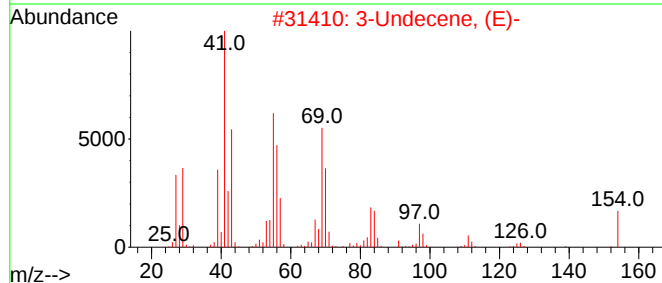
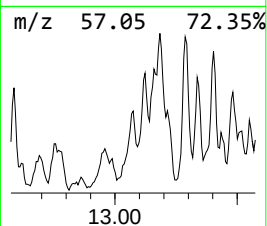
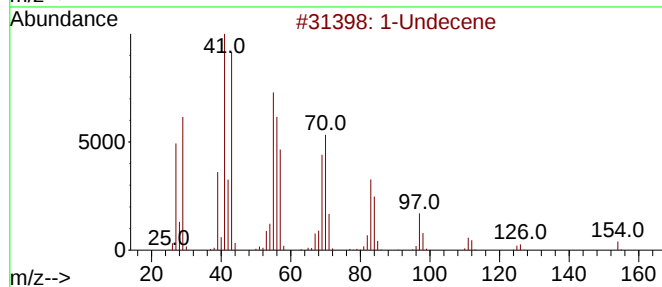
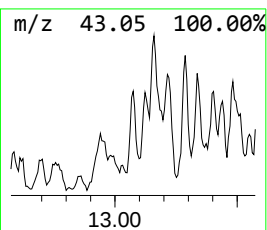
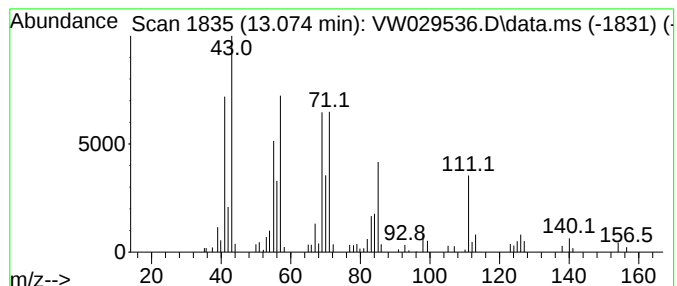
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.074	1.69 ug/L	30358	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Undecene		154	C11H22	000821-95-4	46
2	3-Undecene, (E)-		154	C11H22	001002-68-2	38
3	Decane, 4-methyl-		156	C11H24	002847-72-5	38
4	cis-4-Decene		140	C10H20	019398-88-0	35
5	Cyclohexane, 1,1,2-trimethyl-		126	C9H18	007094-26-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071124\
Data File : VW029536.D
Acq On : 11 Jul 2024 17:58
Operator : SY/MD
Sample : P3178-16
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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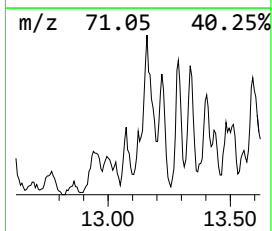
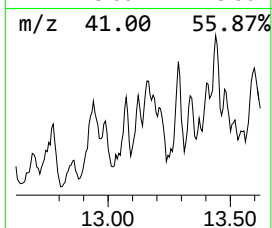
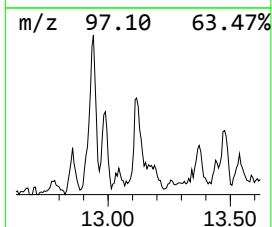
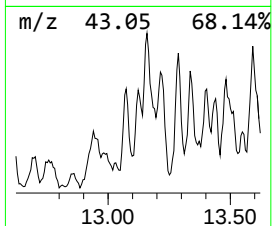
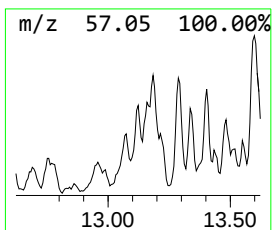
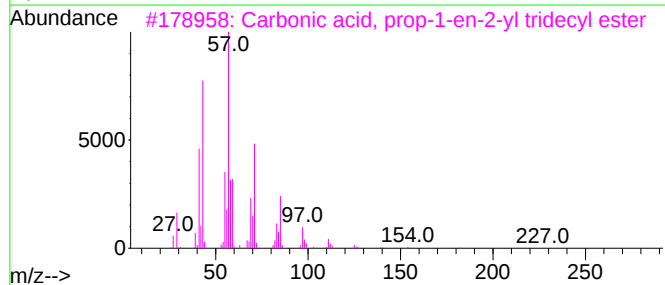
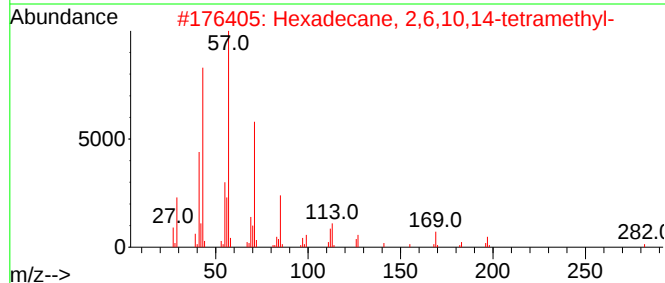
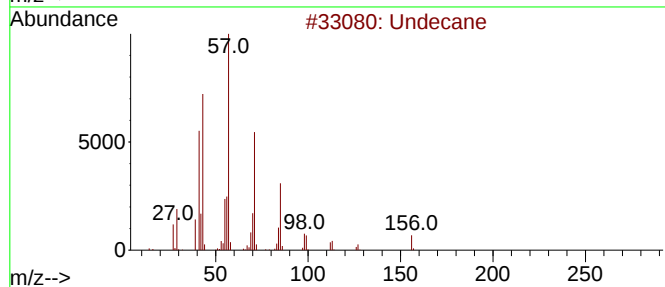
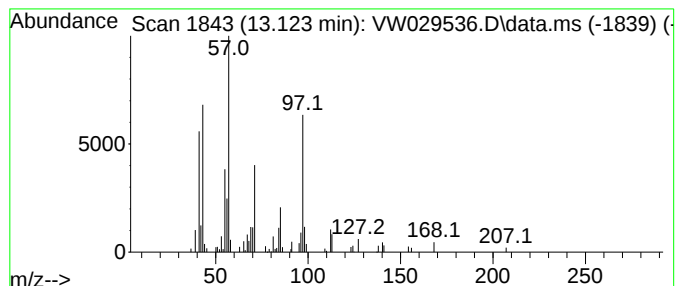
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	1.66 ug/L	29824	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	58
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49
3			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	47
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
5			Octane, 4-ethyl-	142	C10H22	015869-86-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071124\
Data File : VW029536.D
Acq On : 11 Jul 2024 17:58
Operator : SY/MD
Sample : P3178-16
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

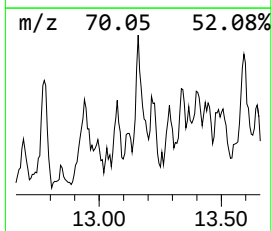
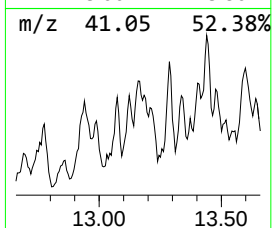
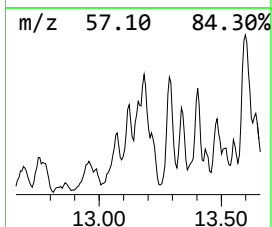
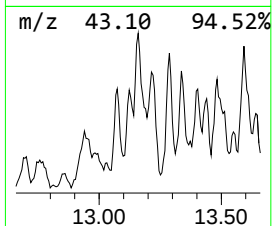
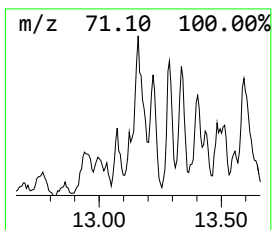
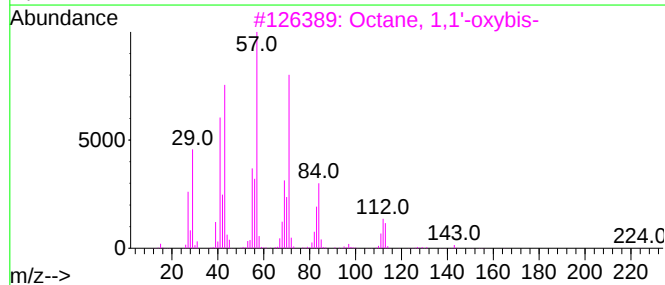
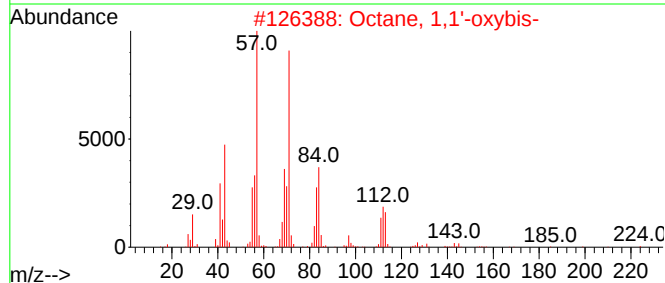
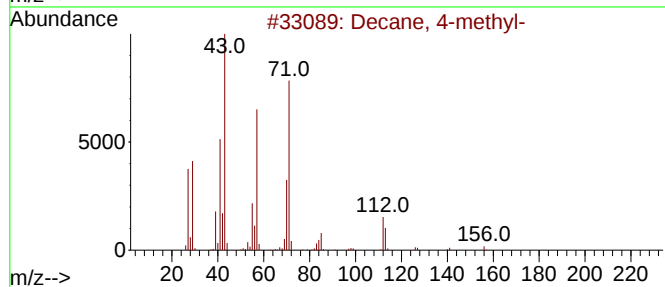
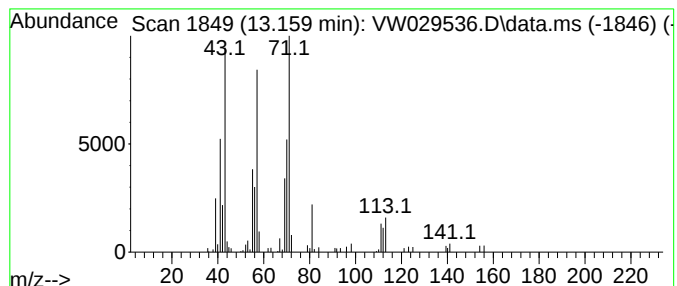
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.159	1.36 ug/L	24355	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	80
2	Octane, 1,1'-oxybis-		242	C16H34O	000629-82-3	64
3	Octane, 1,1'-oxybis-		242	C16H34O	000629-82-3	64
4	Octane, 1,1'-oxybis-		242	C16H34O	000629-82-3	64
5	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071124\
Data File : VW029536.D
Acq On : 11 Jul 2024 17:58
Operator : SY/MD
Sample : P3178-16
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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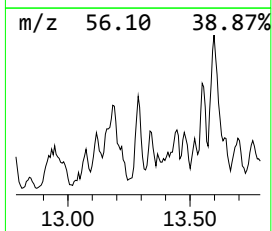
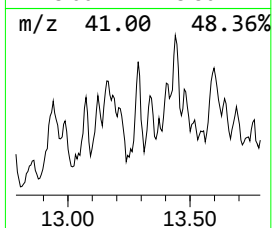
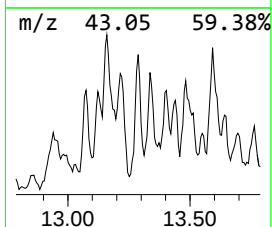
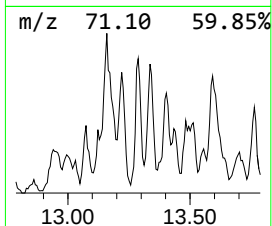
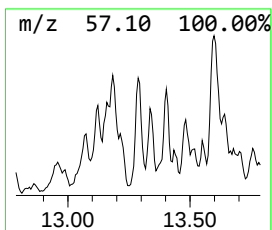
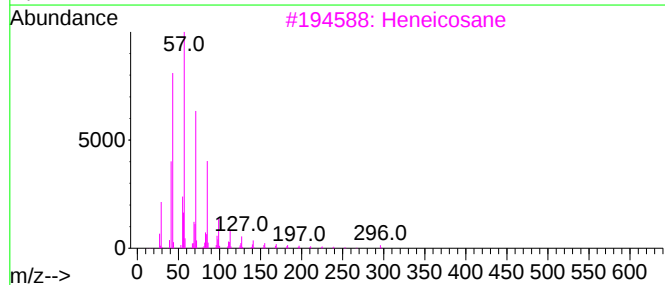
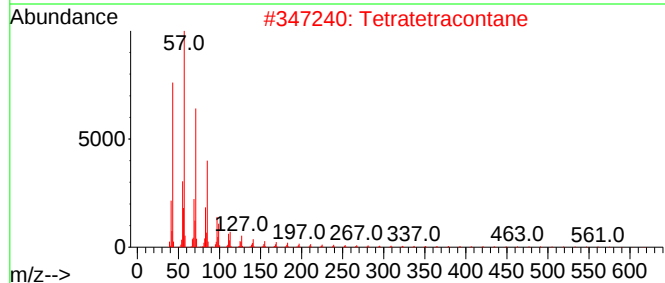
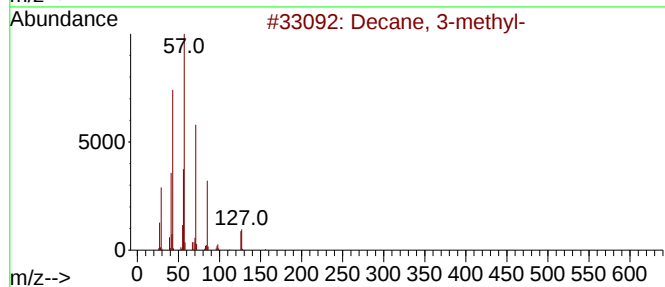
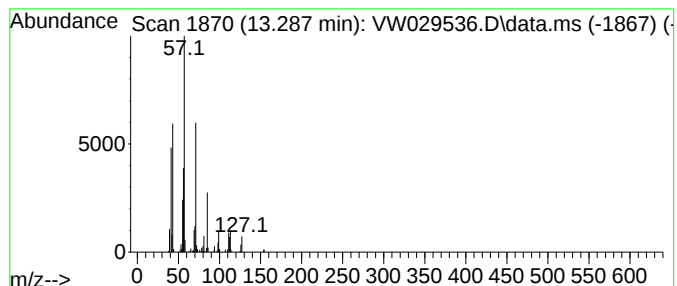
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.287	2.04 ug/L	36686	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	59
2			Tetratetracontane	619	C44H90	007098-22-8	59
3			Heneicosane	296	C21H44	000629-94-7	53
4			Tetracosane	338	C24H50	000646-31-1	50
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071124\
Data File : VW029536.D
Acq On : 11 Jul 2024 17:58
Operator : SY/MD
Sample : P3178-16
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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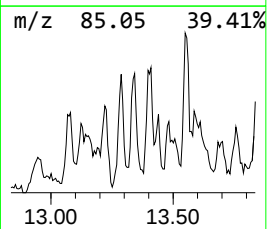
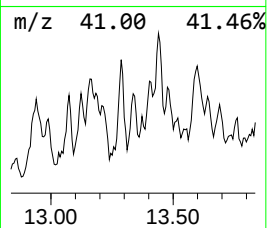
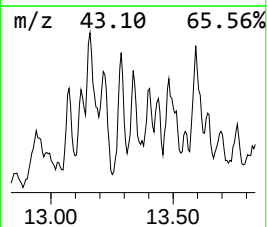
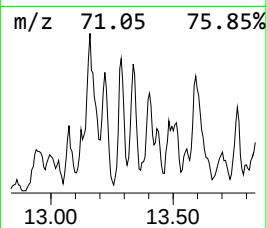
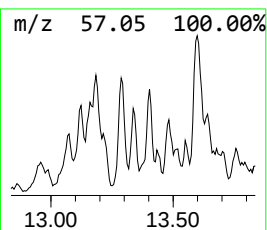
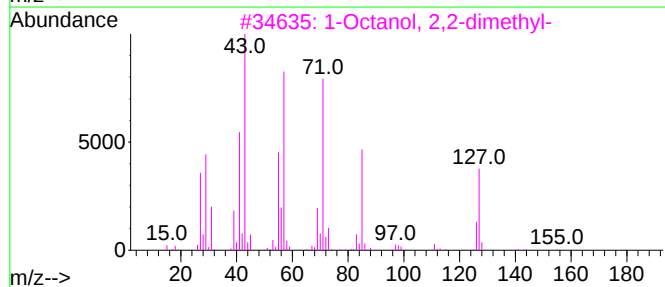
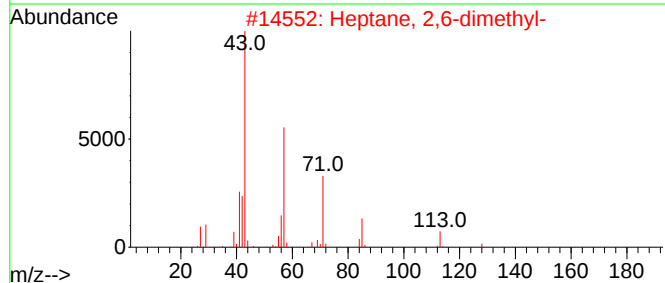
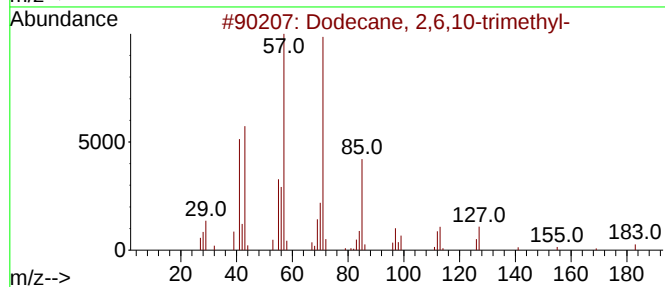
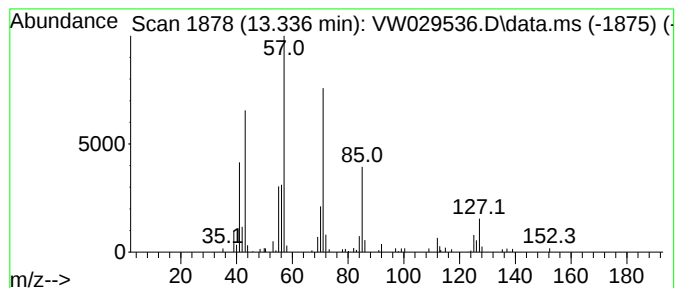
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.336	1.41 ug/L	25268	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	90
2		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	59
3		1-Octanol, 2,2-dimethyl-	158	C10H22O	002370-14-1	59
4		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	53
5		Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071124\
Data File : VW029536.D
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Sample : P3178-16
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ALS Vial : 22 Sample Multiplier: 1

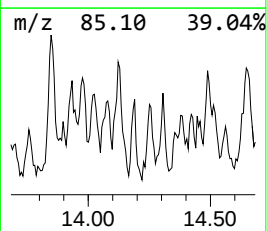
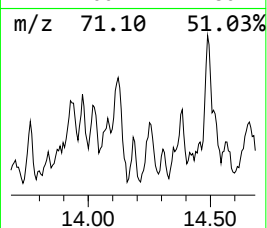
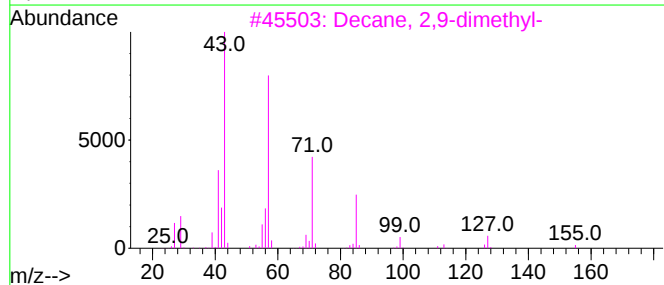
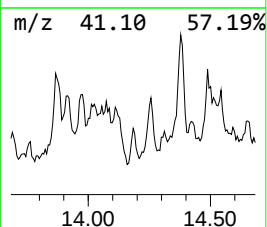
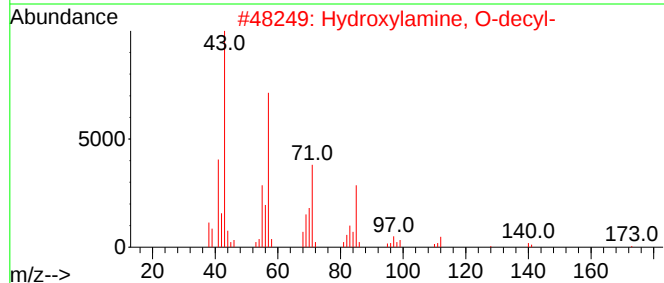
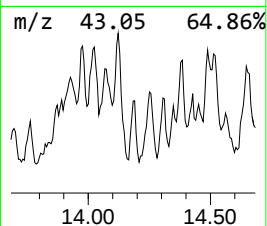
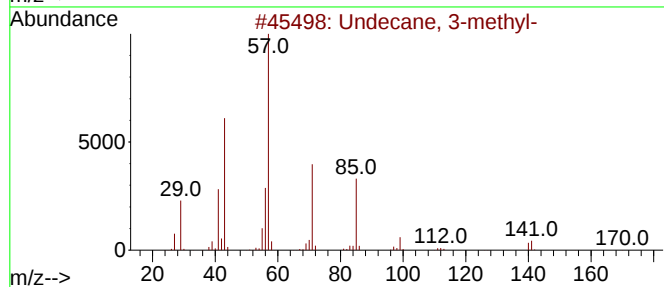
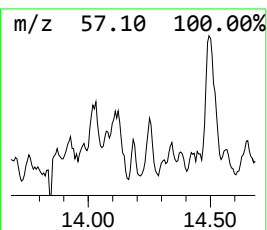
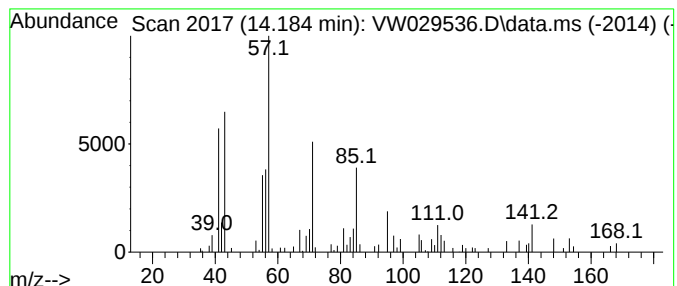
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.184	1.51 ug/L	27125	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-		170	C12H26	001002-43-3	59
2	Hydroxylamine, O-decyl-		173	C10H23NO	029812-79-1	53
3	Decane, 2,9-dimethyl-		170	C12H26	001002-17-1	47
4	Decane, 2,3,7-trimethyl-		184	C13H28	062238-13-5	47
5	Undecane, 2,3-dimethyl-		184	C13H28	017312-77-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071124\
Data File : VW029536.D
Acq On : 11 Jul 2024 17:58
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Sample : P3178-16
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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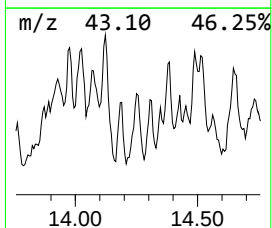
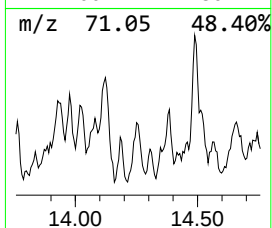
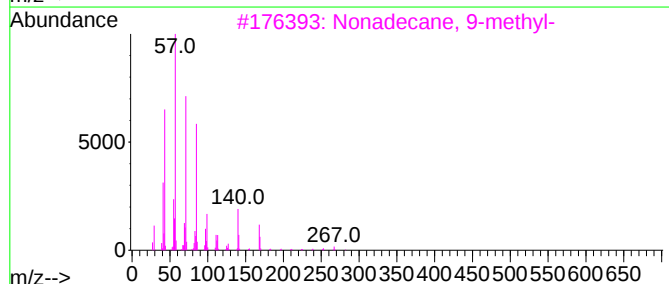
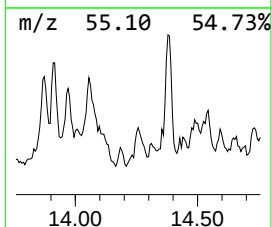
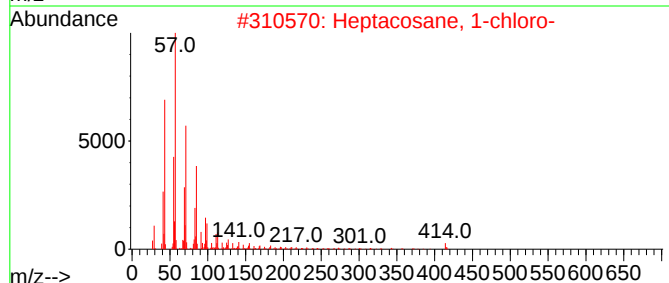
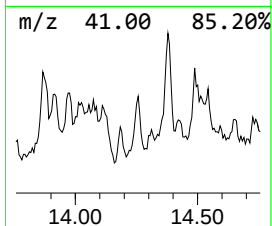
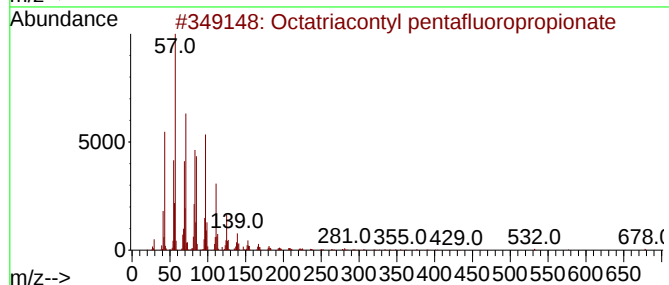
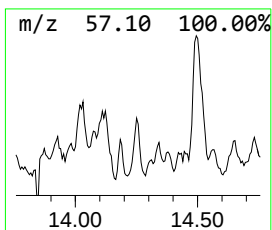
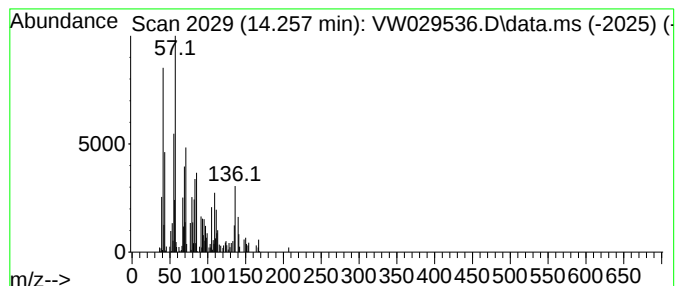
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Quant Title : SFAM01.0

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

Peak Number 13 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	3.00 ug/L	53921	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	38
2			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	35
3			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	35
4			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	35
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071124\
Data File : VW029536.D
Acq On : 11 Jul 2024 17:58
Operator : SY/MD
Sample : P3178-16
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4BY4

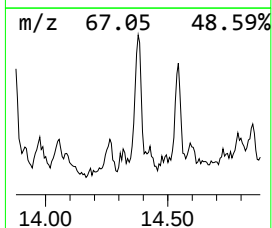
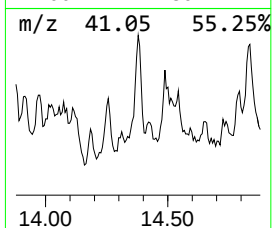
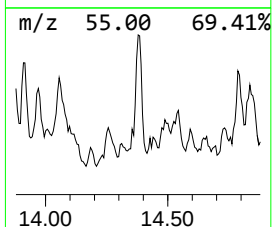
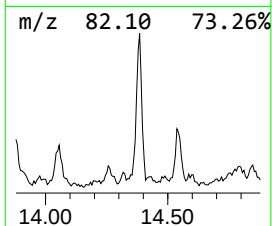
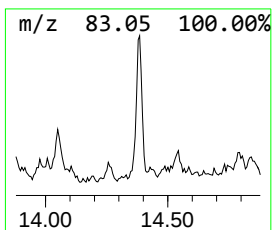
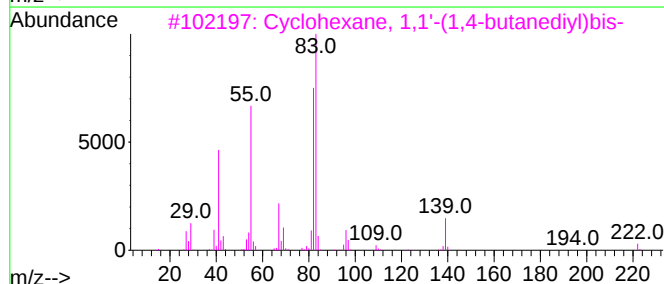
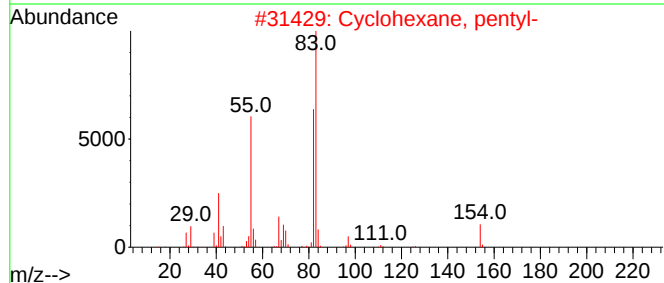
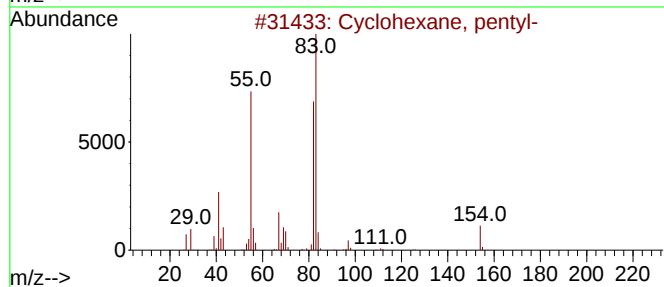
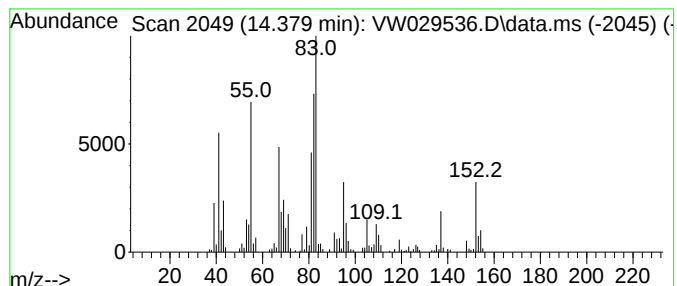
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic14.379 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	5.34 ug/L	95788	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
3		Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	50
4		Dihydromyrcenol, trifluoroacetate	252	C12H19F3O2	1000463-72-2	49
5		Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071124\
Data File : VW029536.D
Acq On : 11 Jul 2024 17:58
Operator : SY/MD
Sample : P3178-16
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4BY4

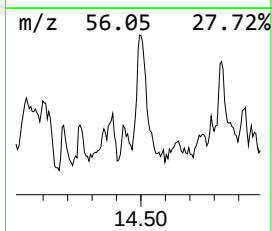
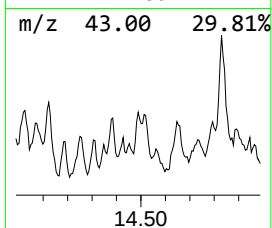
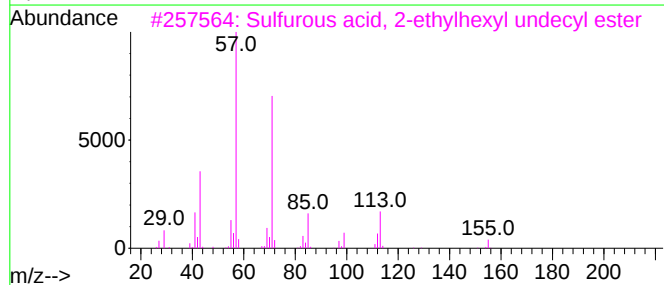
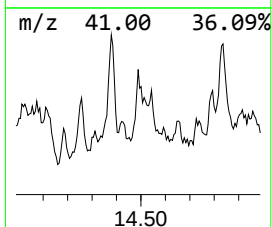
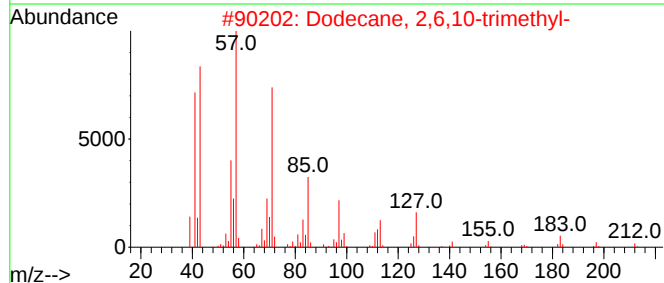
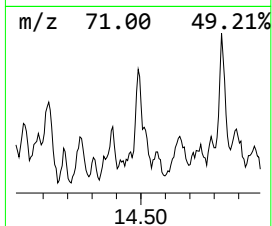
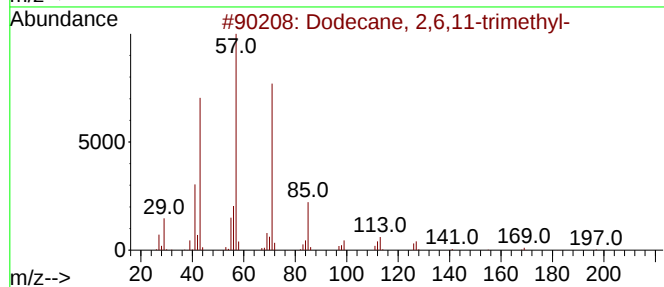
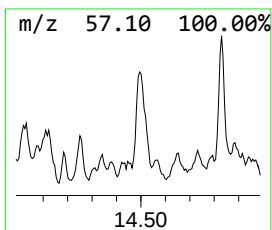
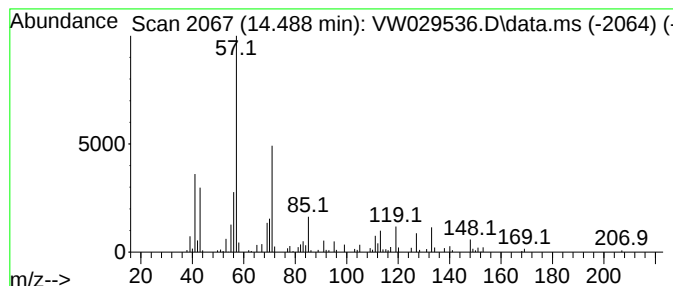
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.488	3.76 ug/L	67487	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	64
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
3			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	50
4			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	50
5			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071124\
Data File : VW029536.D
Acq On : 11 Jul 2024 17:58
Operator : SY/MD
Sample : P3178-16
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4BY4

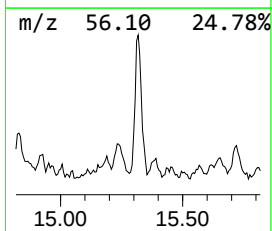
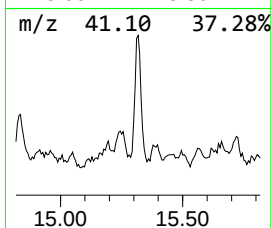
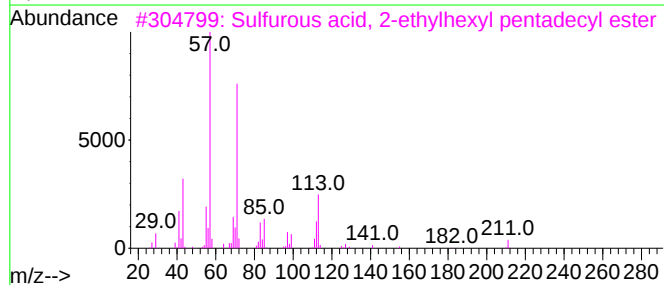
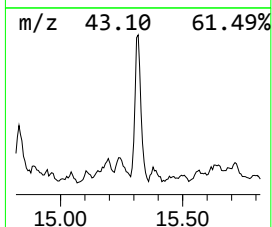
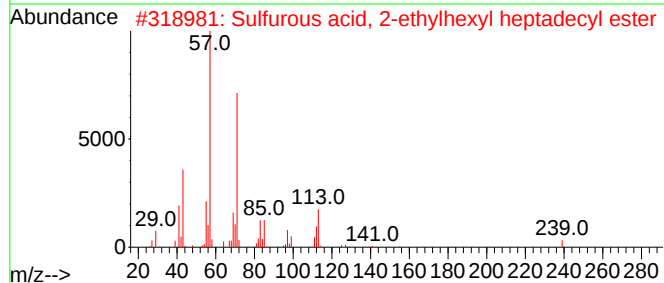
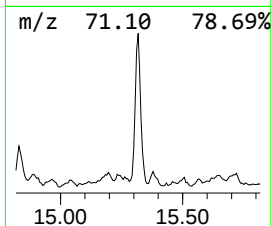
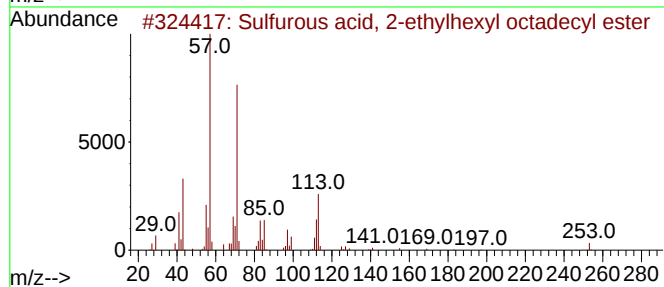
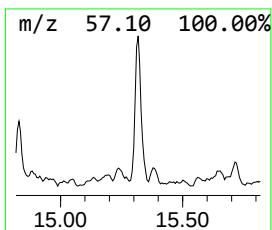
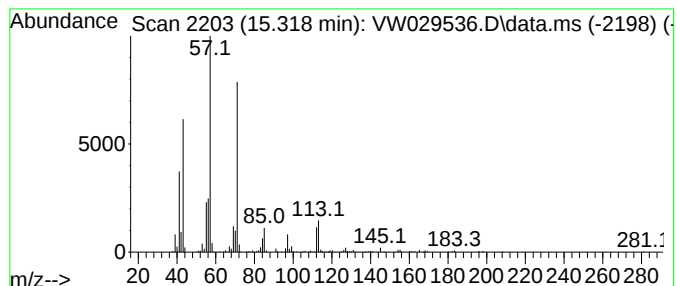
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Quant Title : SFAM01.0

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

Peak Number 16 Sulfurous acid, 2-ethylhexy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	13.32 ug/L	239016	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	78
2			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	78
3			Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	78
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
5			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071124\
Data File : VW029536.D
Acq On : 11 Jul 2024 17:58
Operator : SY/MD
Sample : P3178-16
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4BY4

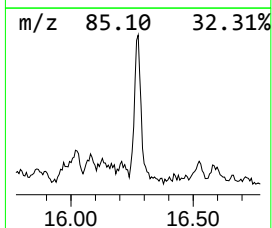
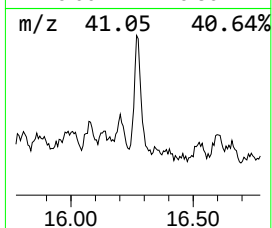
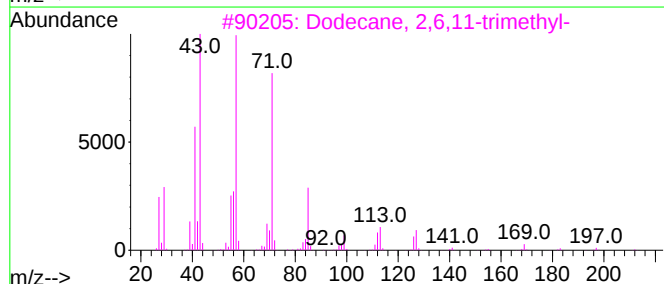
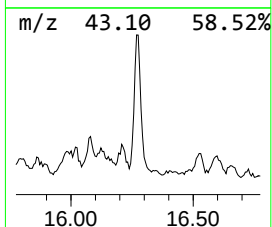
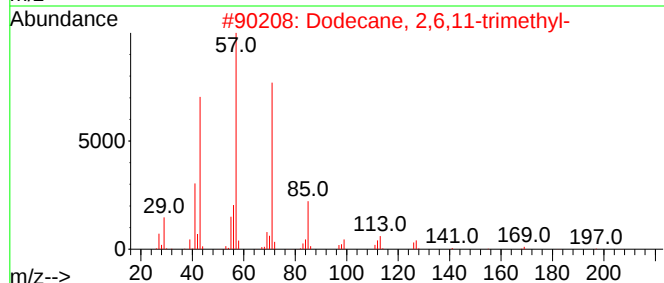
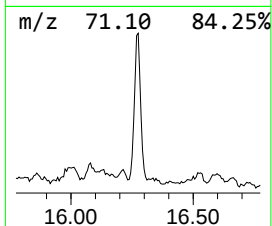
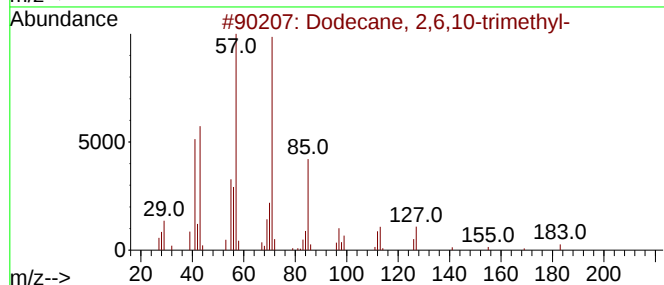
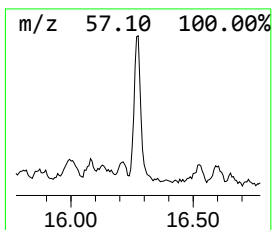
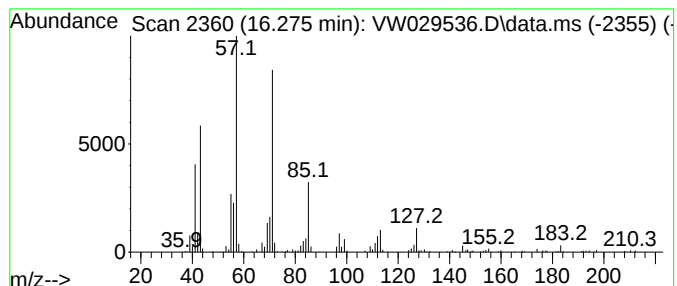
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	8.61 ug/L	154502	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071124\
Data File : VW029536.D
Acq On : 11 Jul 2024 17:58
Operator : SY/MD
Sample : P3178-16
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4BY4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.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...	12.361	2.9	ug/L	95485	2	11.629	828207	25.0	
(DEL) Alkane: C...	12.855	1.7	ug/L	31141	3	13.556	448705	25.0	
(DEL) Alkane: C...	12.940	4.8	ug/L	86866	3	13.556	448705	25.0	
(DEL) Alkane: S...	13.074	1.7	ug/L	30358	3	13.556	448705	25.0	
(DEL) Alkane: S...	13.123	1.7	ug/L	29824	3	13.556	448705	25.0	
(DEL) Alkane: S...	13.159	1.4	ug/L	24355	3	13.556	448705	25.0	
(DEL) Alkane: S...	13.287	2.0	ug/L	36686	3	13.556	448705	25.0	
(DEL) Alkane: S...	13.336	1.4	ug/L	25268	3	13.556	448705	25.0	
(DEL) Alkane: S...	14.184	1.5	ug/L	27125	3	13.556	448705	25.0	
unknown-01	14.257	3.0	ug/L	53921	3	13.556	448705	25.0	
(DEL) Alkane: C...	14.379	5.3	ug/L	95788	3	13.556	448705	25.0	
(DEL) Alkane: S...	14.488	3.8	ug/L	67487	3	13.556	448705	25.0	
Sulfurous acid,...	15.318	13.3	ug/L	239016	3	13.556	448705	25.0	
(DEL) Alkane: S...	16.275	8.6	ug/L	154502	3	13.556	448705	25.0	