

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
 Data File : VW029890.D
 Acq On : 12 Aug 2024 14:24
 Operator : SY/MD
 Sample : P3481-13
 Misc : 4.39g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0AE8

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\SFAMWLM072424SMA.M
 Title : SFAM01.0

Signal : TIC: VW029890.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.168	41	46	48	rVV4	1109	1767	0.17%	0.020%
2	2.363	70	78	90	rBV	67429	160281	15.75%	1.852%
3	2.893	158	165	182	rVB	50087	141845	13.94%	1.639%
4	3.253	222	224	225	rBV2	543	425	0.04%	0.005%
5	3.393	242	247	249	rBV2	1039	1775	0.17%	0.021%
6	3.497	262	264	265	rVB2	659	433	0.04%	0.005%
7	3.588	274	279	281	rBV6	461	780	0.08%	0.009%
8	3.783	309	311	314	rVB3	468	417	0.04%	0.005%
9	4.015	338	349	363	rBV	111747	349520	34.34%	4.039%
10	4.350	403	404	407	rVV2	426	559	0.05%	0.006%
11	4.393	407	411	413	rVV2	850	1215	0.12%	0.014%
12	4.588	440	443	447	rVB3	315	390	0.04%	0.005%
13	4.631	447	450	451	rBV	542	430	0.04%	0.005%
14	4.734	465	467	470	rVB3	458	382	0.04%	0.004%
15	4.807	475	479	485	rBV3	283	655	0.06%	0.008%
16	4.917	485	497	514	rBV	24973	94519	9.29%	1.092%
17	5.088	522	525	527	rVB2	407	495	0.05%	0.006%
18	5.271	553	555	557	rBV2	552	457	0.04%	0.005%
19	5.307	559	561	564	rVB4	465	382	0.04%	0.004%
20	5.447	580	584	586	rBV4	563	706	0.07%	0.008%
21	5.490	589	591	594	rBV3	518	589	0.06%	0.007%
22	5.575	602	605	608	rVB2	307	474	0.05%	0.005%
23	5.758	629	635	636	rBV4	605	970	0.10%	0.011%
24	5.947	655	666	677	rVB3	6132	19717	1.94%	0.228%
25	6.173	701	703	706	rBV4	414	418	0.04%	0.005%
26	6.319	722	727	728	rVB3	296	388	0.04%	0.004%
27	6.386	734	738	739	rBV3	407	468	0.05%	0.005%
28	6.703	786	790	791	rVB3	439	421	0.04%	0.005%
29	6.740	791	796	801	rBV3	484	937	0.09%	0.011%
30	6.984	832	836	837	rBV2	507	609	0.06%	0.007%
31	7.087	844	853	858	rBV	22424	64577	6.34%	0.746%
32	7.337	892	894	898	rVB4	329	541	0.05%	0.006%
33	7.545	926	928	932	rVB3	462	390	0.04%	0.005%
34	7.648	932	945	958	rBV	180128	444761	43.70%	5.140%
35	7.843	974	977	980	rBV3	724	637	0.06%	0.007%
36	7.923	987	990	991	rVV2	345	457	0.04%	0.005%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Title : SFAM01.0

37	7.941	991	993	995	rVV3	602	659	0.06%	0.008%
38	7.959	995	996	999	rVV2	663	479	0.05%	0.006%
39	7.990	999	1001	1005	rVB4	372	384	0.04%	0.004%
40	8.276	1037	1048	1065	rBV2	348816	1017805	100.00%	11.763%
41	8.490	1079	1083	1084	rVB3	578	634	0.06%	0.007%
42	8.551	1090	1093	1096	rBV3	382	443	0.04%	0.005%
43	8.618	1102	1104	1108	rBV2	466	598	0.06%	0.007%
44	8.697	1111	1117	1123	rVB6	1074	2179	0.21%	0.025%
45	8.843	1132	1141	1153	rBV	388659	766063	75.27%	8.853%
46	8.965	1159	1161	1164	rVB3	926	802	0.08%	0.009%
47	9.075	1172	1179	1185	rBV6	3569	7823	0.77%	0.090%
48	9.209	1198	1201	1202	rBV3	384	448	0.04%	0.005%
49	9.270	1203	1211	1229	rBV	232918	482738	47.43%	5.579%
50	9.593	1261	1264	1266	rBV4	525	731	0.07%	0.008%
51	9.752	1285	1290	1291	rBV4	809	964	0.09%	0.011%
52	9.837	1299	1304	1305	rBV3	448	449	0.04%	0.005%
53	9.892	1311	1313	1318	rVB3	867	1153	0.11%	0.013%
54	9.953	1318	1323	1325	rBV4	857	1627	0.16%	0.019%
55	10.032	1329	1336	1347	rBV	110299	203421	19.99%	2.351%
56	10.203	1360	1364	1365	rBV3	556	672	0.07%	0.008%
57	10.245	1369	1371	1374	rVB2	730	789	0.08%	0.009%
58	10.325	1376	1384	1392	rBV	439117	775888	76.23%	8.967%
59	10.501	1407	1413	1415	rBV5	767	1548	0.15%	0.018%
60	10.575	1419	1425	1435	rBV	68480	125062	12.29%	1.445%
61	10.703	1437	1446	1452	rVB2	18935	36599	3.60%	0.423%
62	10.770	1452	1457	1460	rBV7	959	1844	0.18%	0.021%
63	10.849	1465	1470	1474	rBV7	1657	3081	0.30%	0.036%
64	10.922	1476	1482	1493	rBV	86932	155113	15.24%	1.793%
65	11.056	1496	1504	1510	rVV3	3671	8022	0.79%	0.093%
66	11.178	1521	1524	1527	rVB5	2317	2669	0.26%	0.031%
67	11.221	1527	1531	1537	rVB7	1529	3243	0.32%	0.037%
68	11.282	1538	1541	1544	rBV3	834	854	0.08%	0.010%
69	11.331	1544	1549	1553	rBV3	4780	7978	0.78%	0.092%
70	11.379	1554	1557	1559	rBV4	1579	2108	0.21%	0.024%
71	11.434	1562	1566	1574	rVB6	6168	11093	1.09%	0.128%
72	11.507	1574	1578	1586	rBV	4602	8649	0.85%	0.100%
73	11.568	1586	1588	1590	rVB2	674	398	0.04%	0.005%
74	11.629	1590	1598	1612	rBV	446159	744835	73.18%	8.608%
75	11.733	1612	1615	1616	rBV3	1538	1527	0.15%	0.018%
76	11.763	1616	1620	1622	rBV3	2810	3914	0.38%	0.045%

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 Title : SFAM01.0

77	11.812	1623	1628	1633	rBV8	5378	10613	1.04%	0.123%
78	11.873	1633	1638	1642	rBV	10563	18032	1.77%	0.208%
79	11.971	1649	1654	1658	rBV4	6175	13487	1.33%	0.156%
80	12.056	1664	1668	1673	rVB4	7002	11678	1.15%	0.135%
81	12.135	1673	1681	1688	rBV5	27454	67224	6.60%	0.777%
82	12.245	1692	1699	1704	rVB2	39563	73222	7.19%	0.846%
83	12.361	1704	1718	1728	rBV2	100392	273660	26.89%	3.163%
84	12.446	1729	1732	1733	rBV3	10932	11774	1.16%	0.136%
85	12.605	1753	1758	1764	rVB3	31480	64365	6.32%	0.744%
86	12.690	1764	1772	1777	rBV	170343	303226	29.79%	3.504%
87	12.775	1783	1786	1792	rVB3	36702	61166	6.01%	0.707%
88	12.855	1792	1799	1804	rBV4	33376	80666	7.93%	0.932%
89	12.934	1804	1812	1818	rBV5	77553	222783	21.89%	2.575%
90	13.074	1832	1835	1839	rVB3	26834	33348	3.28%	0.385%
91	13.117	1839	1842	1847	rBV3	30406	50808	4.99%	0.587%
92	13.287	1867	1870	1875	rBV2	29311	39687	3.90%	0.459%
93	13.556	1908	1914	1922	rVB	260648	437591	42.99%	5.057%
94	13.854	1957	1963	1970	rBV3	218036	573990	56.39%	6.634%
95	14.257	2026	2029	2034	rVB2	33471	49468	4.86%	0.572%
96	14.379	2045	2049	2054	rVB2	107528	171681	16.87%	1.984%
97	14.543	2072	2076	2081	rVB4	61039	91504	8.99%	1.058%
98	14.653	2091	2094	2098	rVB2	27128	34375	3.38%	0.397%
99	15.318	2199	2203	2210	rVB2	94244	150236	14.76%	1.736%
100	16.275	2355	2360	2368	rVB	65309	129042	12.68%	1.491%

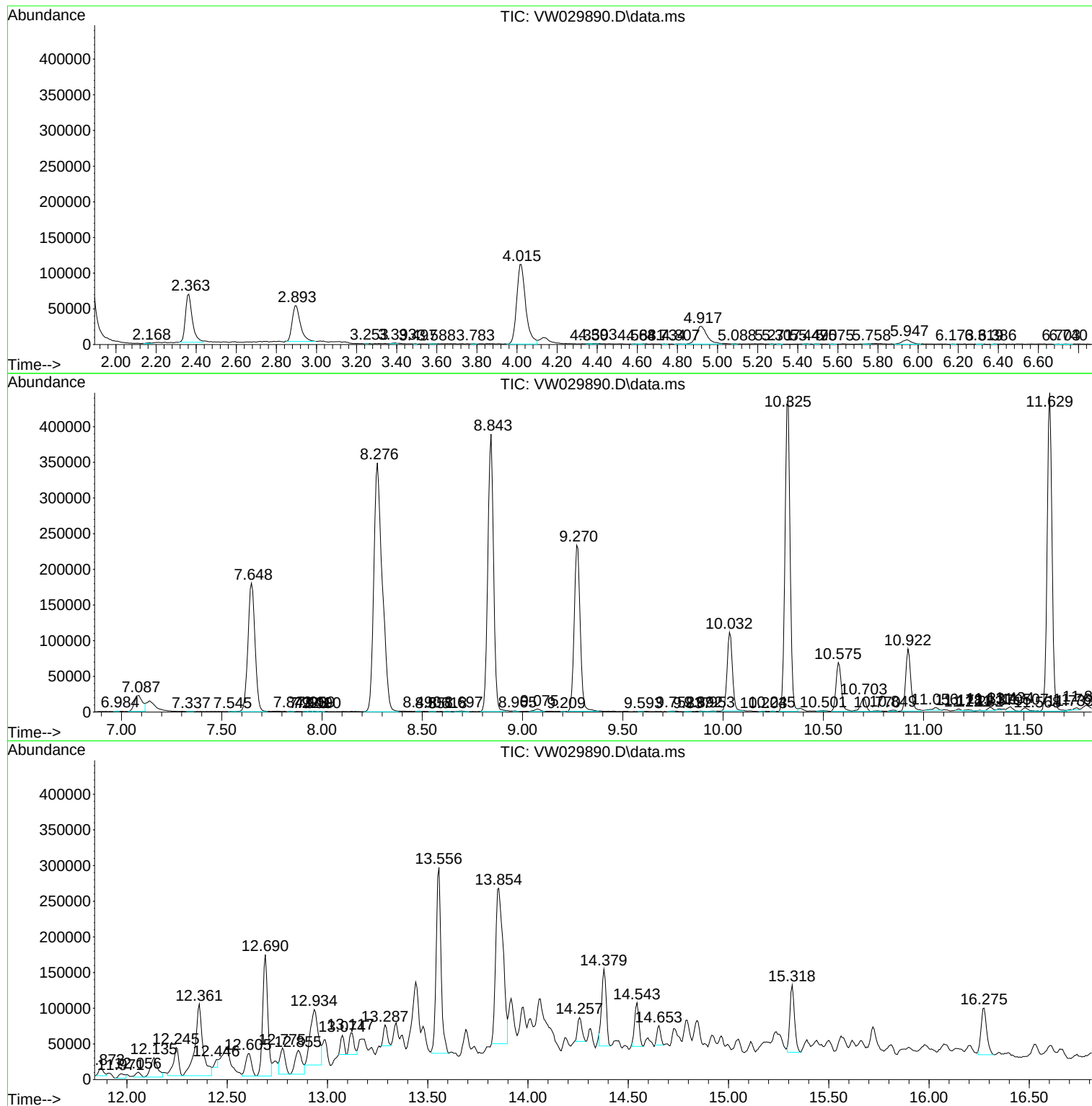
Sum of corrected areas: 8652699

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
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E0AE8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
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Instrument :
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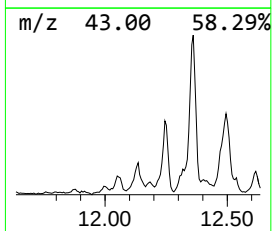
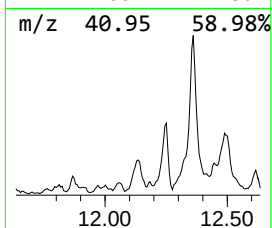
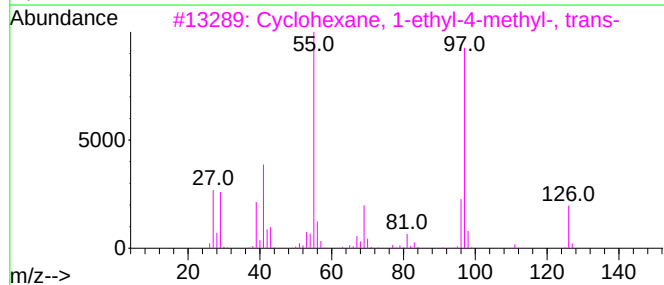
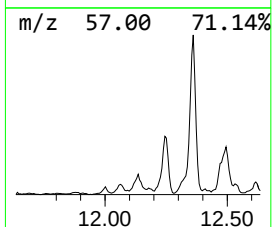
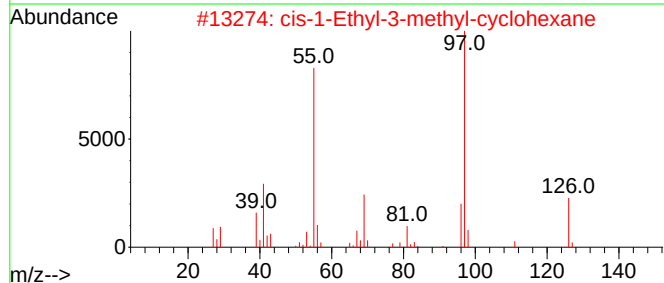
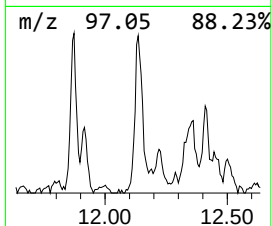
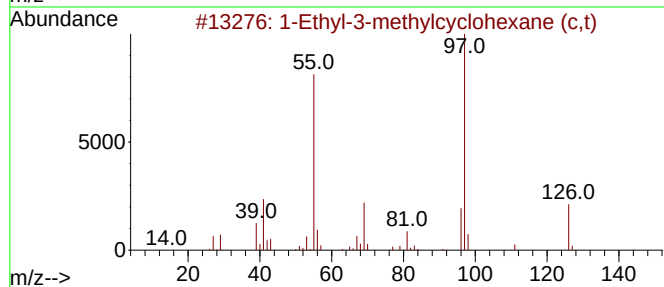
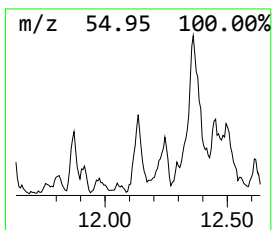
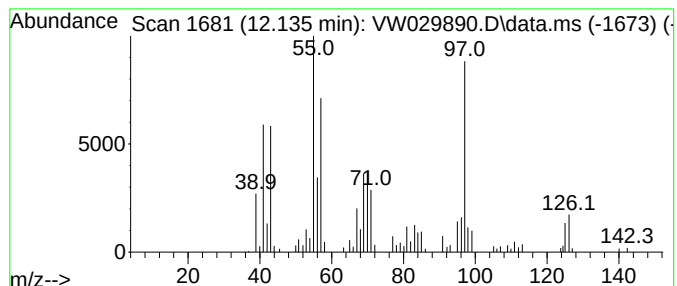
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic12.135 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	2.26 ug/L	67224	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	53
2			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	49
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	49
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	49
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	46



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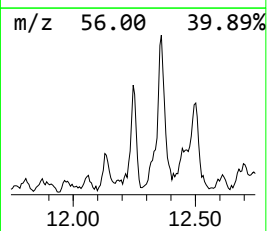
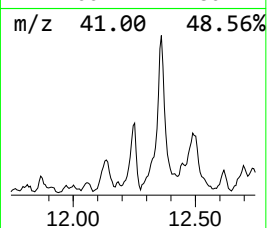
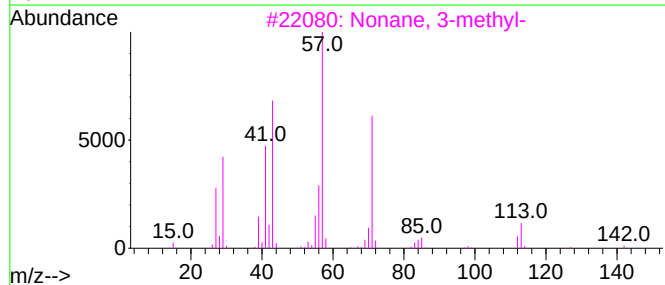
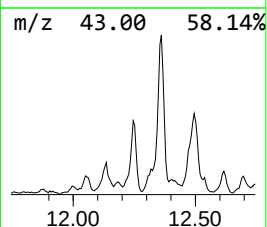
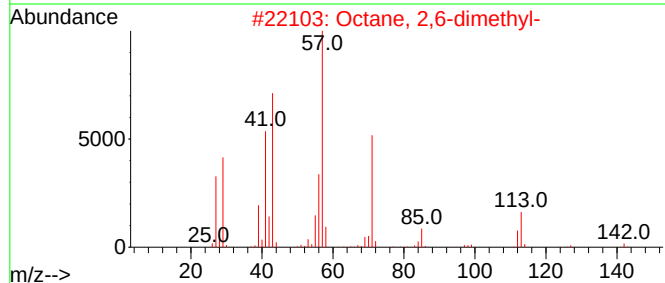
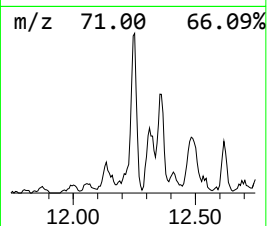
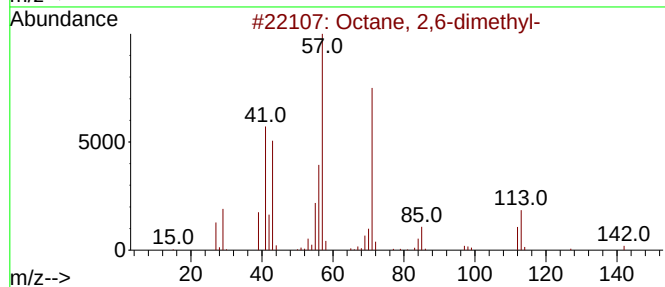
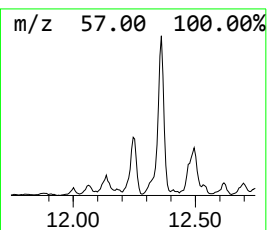
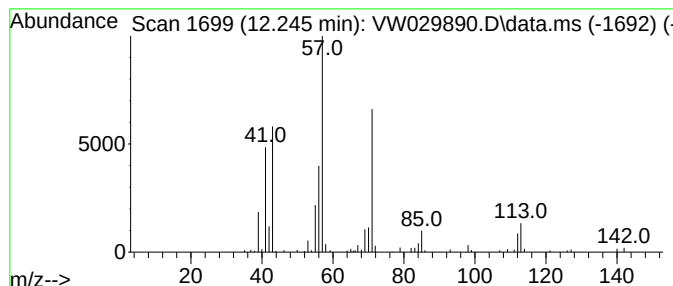
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.245	2.46 ug/L	73222	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	94
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	90
3	Nonane, 3-methyl-		142	C10H22	005911-04-6	76
4	Nonane, 3-methyl-		142	C10H22	005911-04-6	68
5	Sulfurous acid, 2-ethylhexyl non...		320	C17H36O3S	1010309-19-2	64



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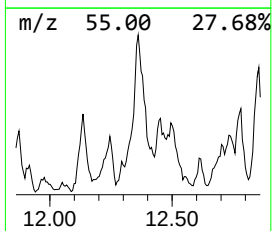
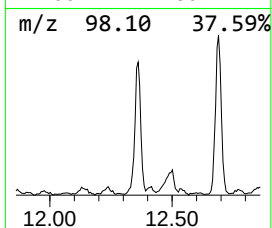
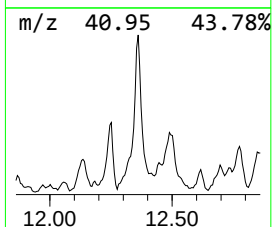
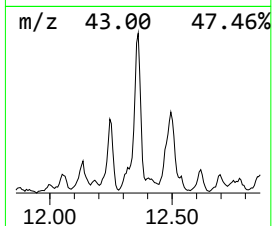
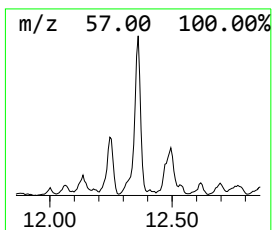
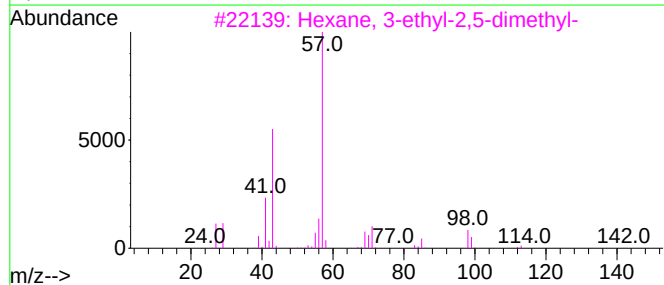
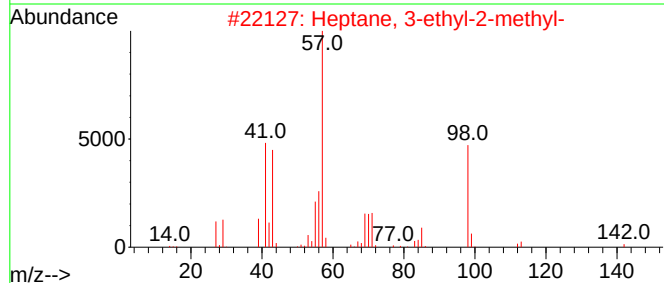
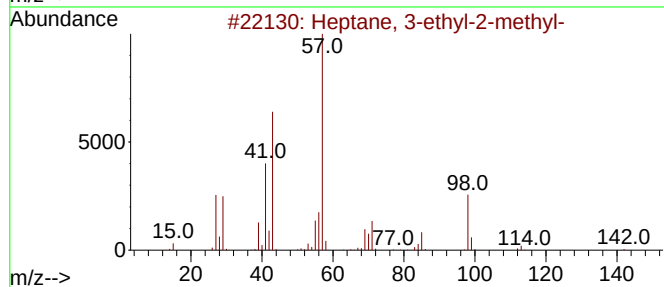
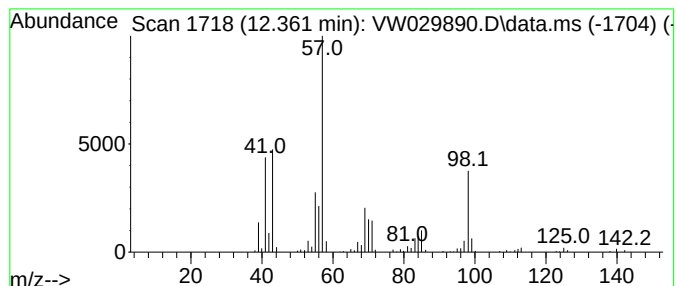
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	9.19 ug/L	273660	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	74
3			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	59
4			Heptane, 3-ethyl-	128	C9H20	015869-80-4	59
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
Data File : VW029890.D
Acq On : 12 Aug 2024 14:24
Operator : SY/MD
Sample : P3481-13
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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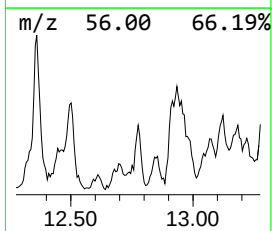
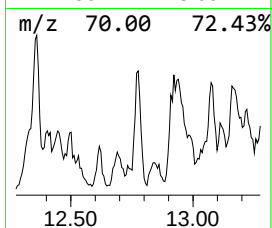
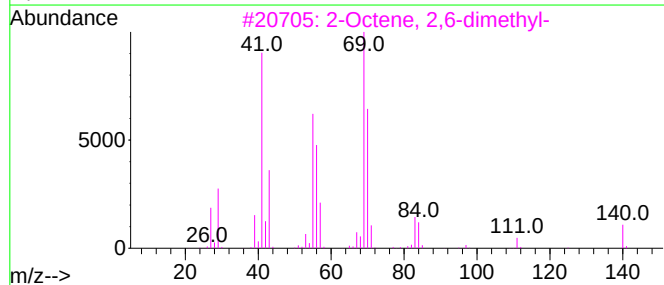
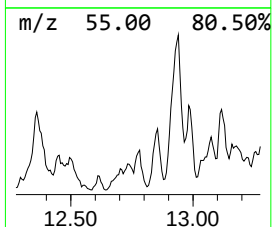
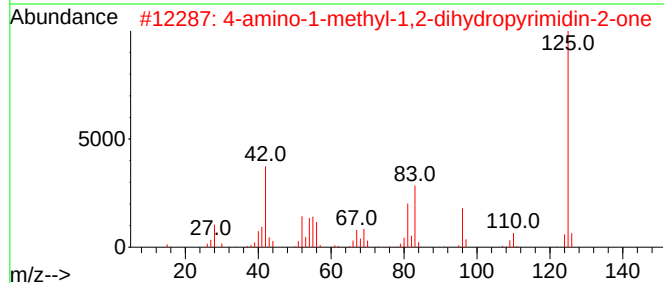
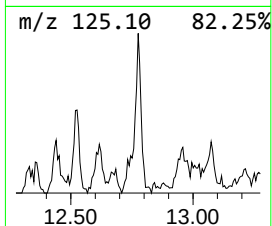
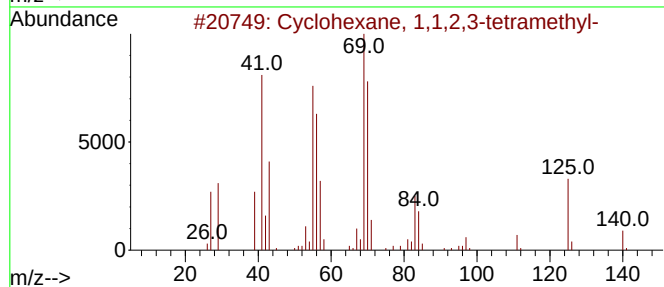
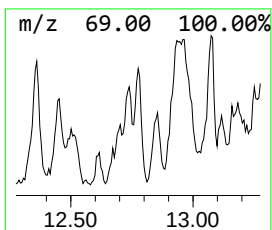
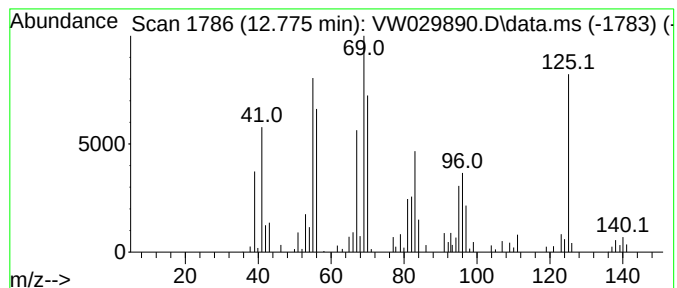
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic12.775 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	3.49 ug/L	61166	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	55
2			4-amino-1-methyl-1,2-dihydropyri...	125	C5H7N3O	001122-47-0	38
3			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	35
4			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	35
5			1-Decene	140	C10H20	000872-05-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
Data File : VW029890.D
Acq On : 12 Aug 2024 14:24
Operator : SY/MD
Sample : P3481-13
Misc : 4.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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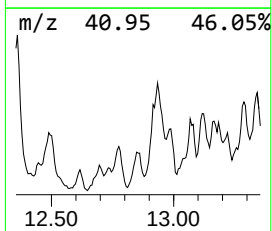
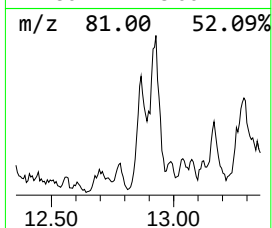
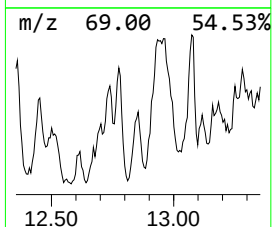
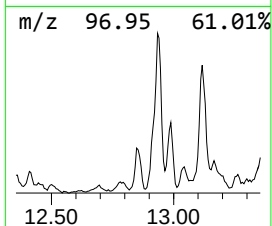
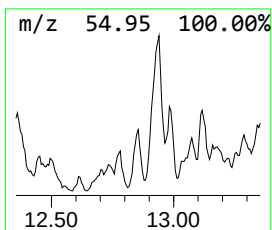
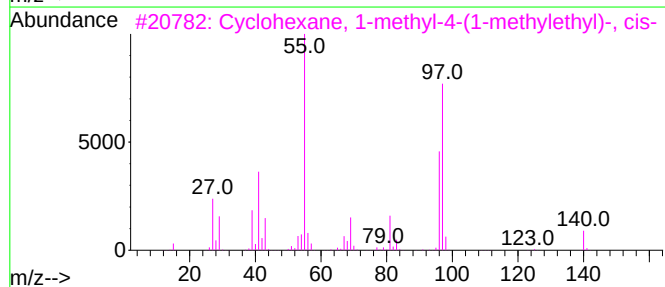
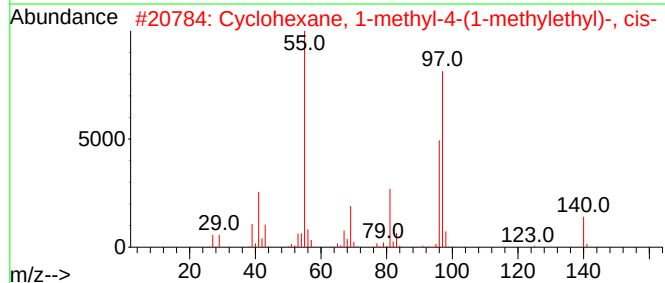
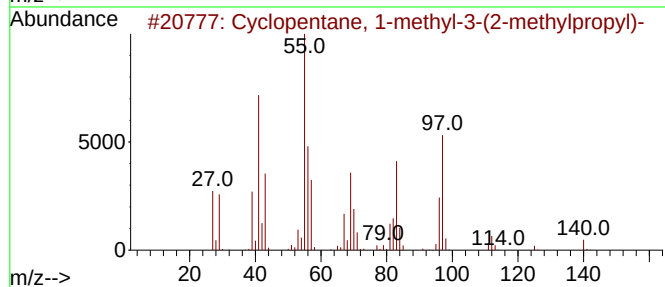
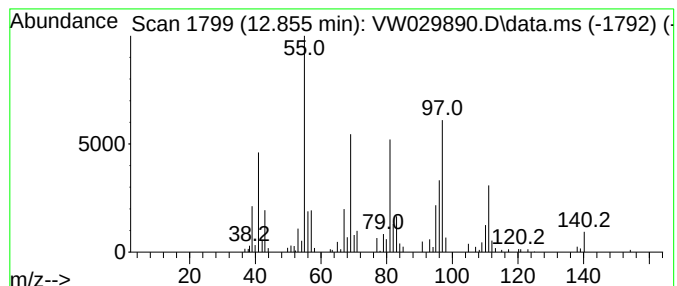
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic12.855 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	4.61 ug/L	80666	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	52
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
Data File : VW029890.D
Acq On : 12 Aug 2024 14:24
Operator : SY/MD
Sample : P3481-13
Misc : 4.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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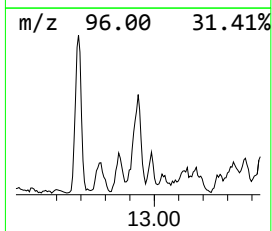
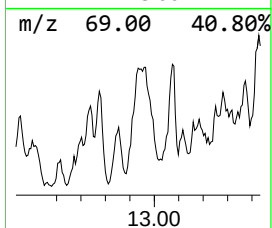
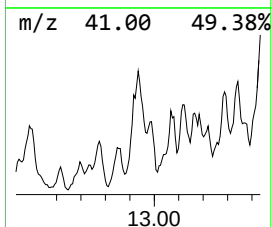
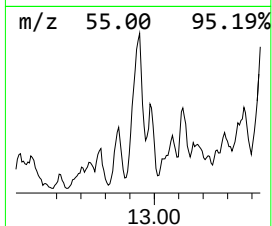
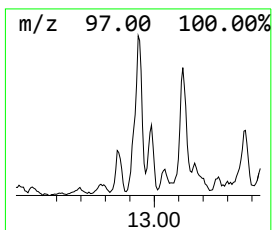
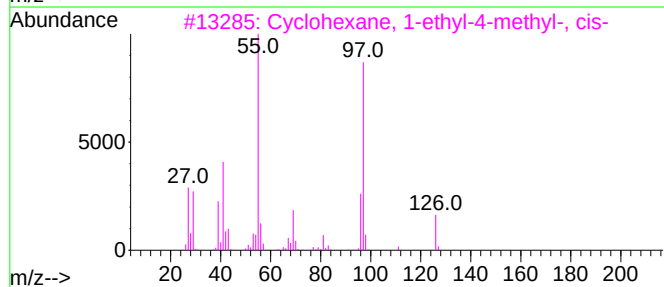
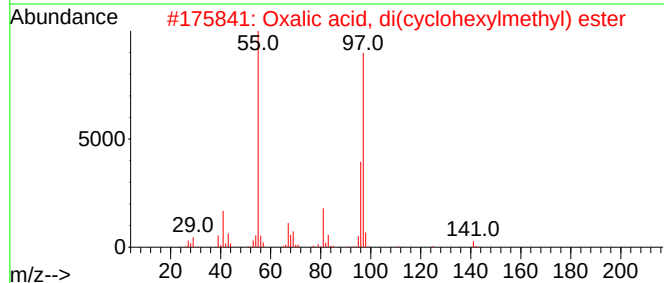
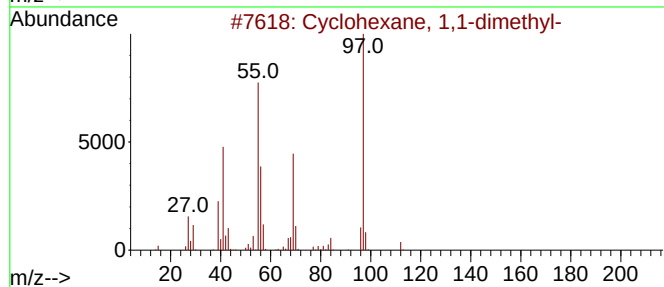
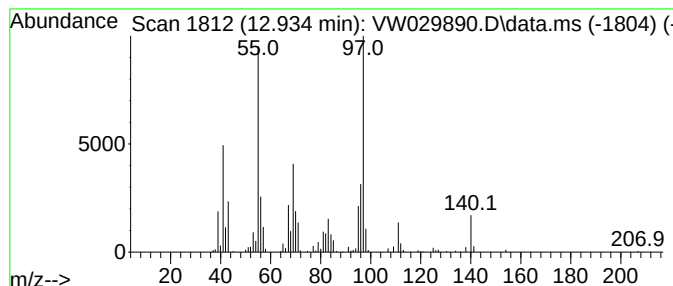
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic12.934 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	12.73 ug/L	222783	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	60
2			Oxalic acid, di(cyclohexylmethyl)...	282	C16H26O4	1000309-68-5	53
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	50
4			2,4-Dimethyl-1,5-diazabicyclo[3...	112	C6H12N2	100463-01-2	49
5			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
Data File : VW029890.D
Acq On : 12 Aug 2024 14:24
Operator : SY/MD
Sample : P3481-13
Misc : 4.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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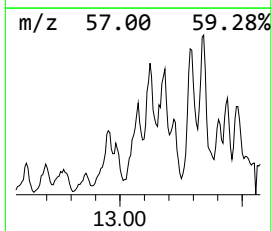
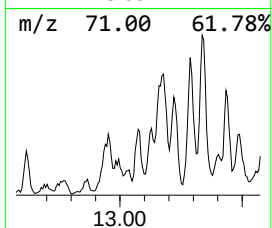
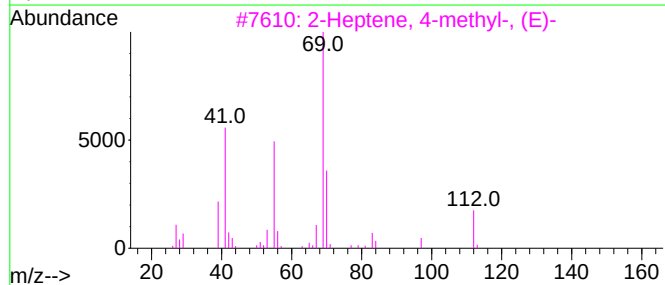
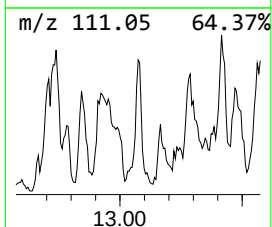
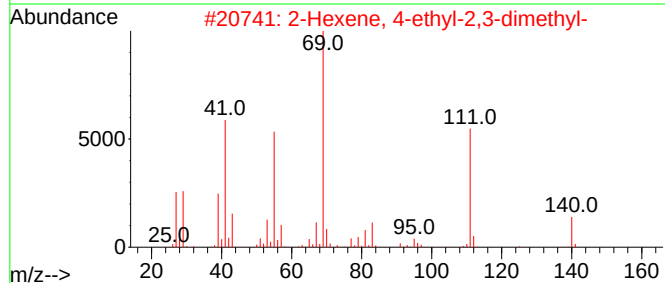
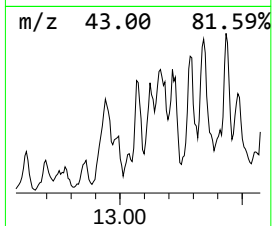
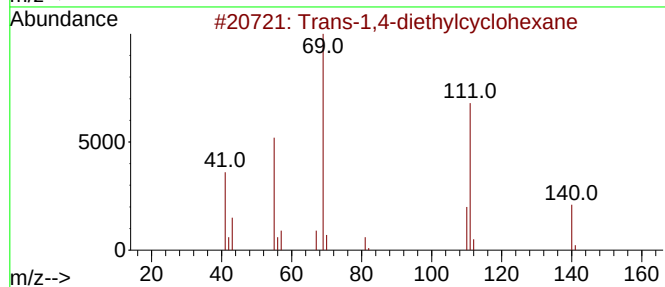
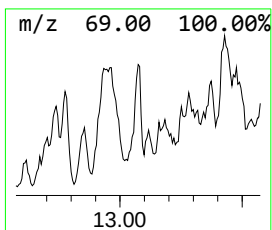
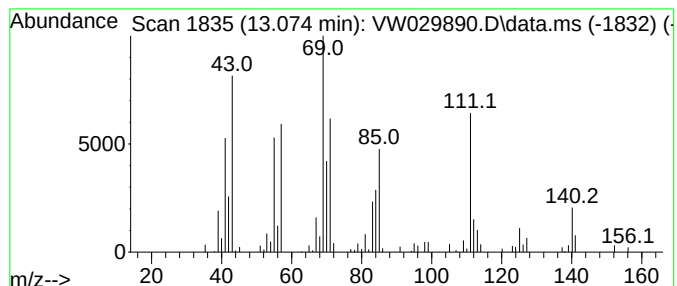
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic13.074 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	1.91 ug/L	33348	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	43
2			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	38
3			2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	27
4			3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	27
5			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
Data File : VW029890.D
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Operator : SY/MD
Sample : P3481-13
Misc : 4.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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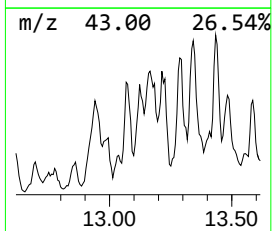
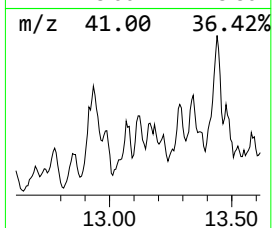
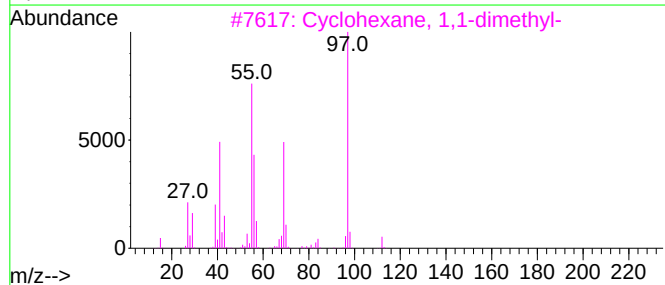
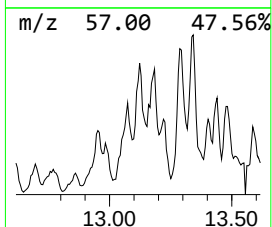
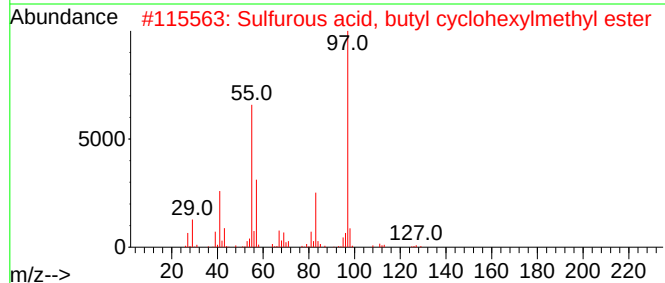
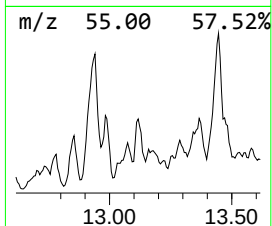
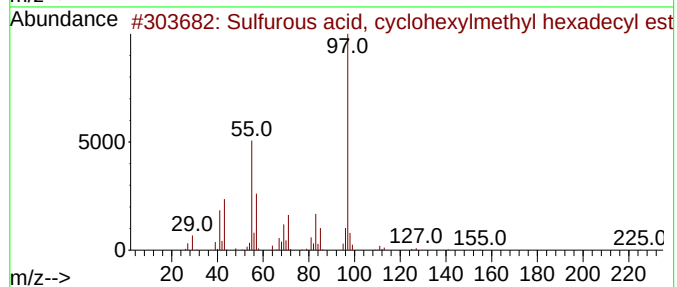
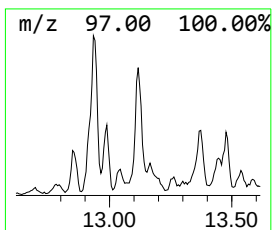
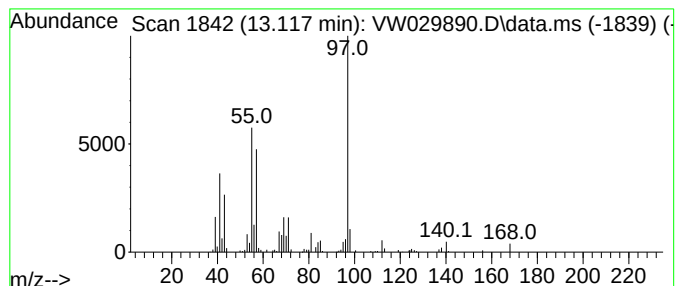
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Quant Title : SFAM01.0

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

Peak Number 10 Sulfurous acid, cyclohexylm... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.117	2.90 ug/L	50808	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	72
2			Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	72
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	68
4			Bicyclo[3.3.1]nonan-1-ol	140	C9H16O	015158-56-2	64
5			3-Butene-1,2-diol, 1-(2-furanyl)...	168	C9H12O3	021141-71-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
Data File : VW029890.D
Acq On : 12 Aug 2024 14:24
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Sample : P3481-13
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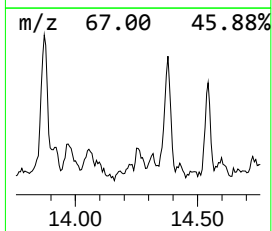
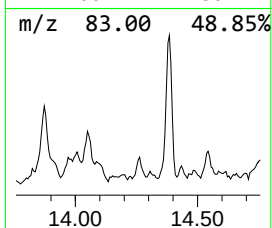
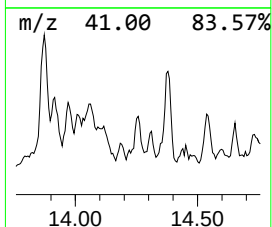
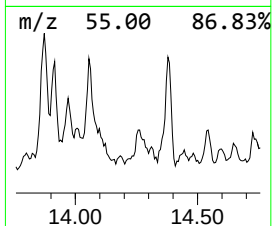
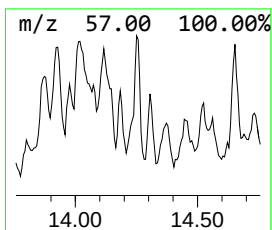
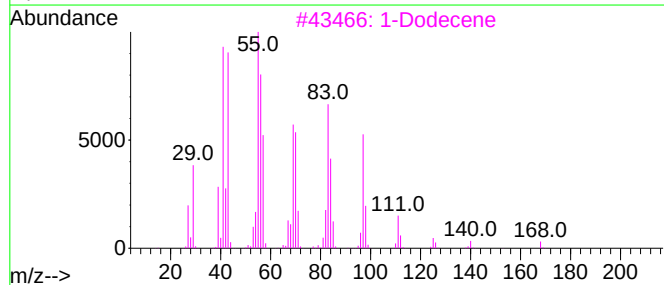
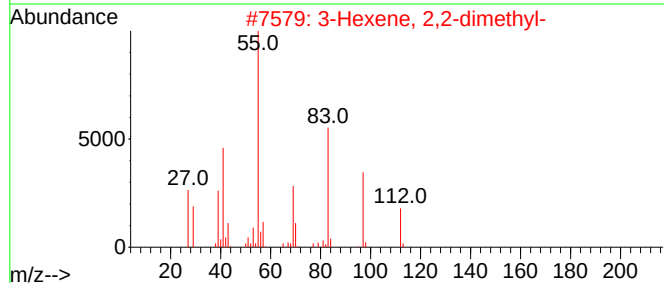
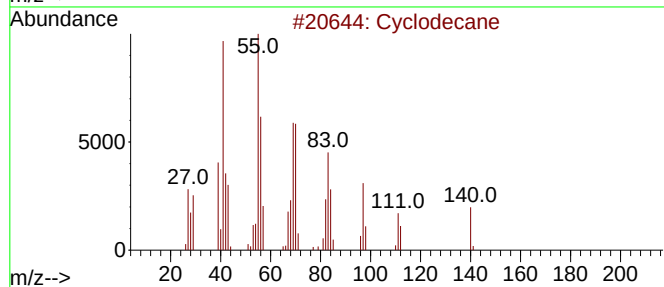
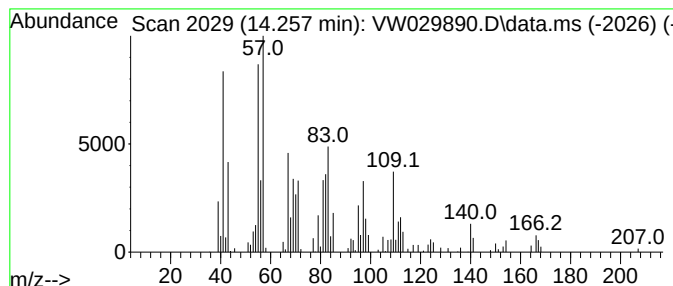
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic14.257 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	2.83 ug/L	49468	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclodecane	140	C10H20	000293-96-9	43
2			3-Hexene, 2,2-dimethyl-	112	C8H16	003123-93-1	38
3			1-Dodecene	168	C12H24	000112-41-4	38
4			3-Hexene, 2,2-dimethyl-, (E)-	112	C8H16	000690-93-7	30
5			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
Data File : VW029890.D
Acq On : 12 Aug 2024 14:24
Operator : SY/MD
Sample : P3481-13
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ALS Vial : 7 Sample Multiplier: 1

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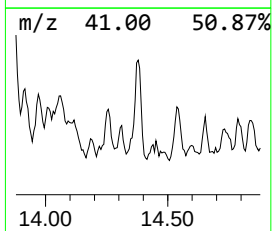
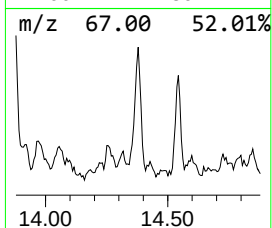
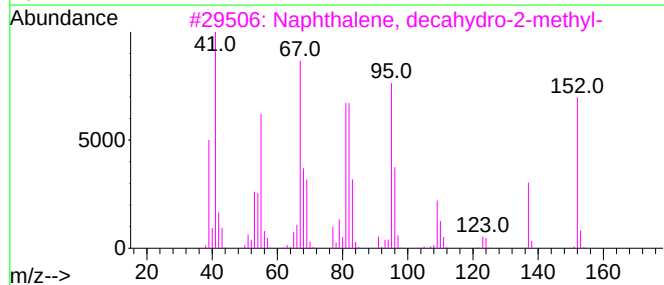
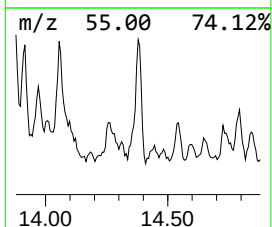
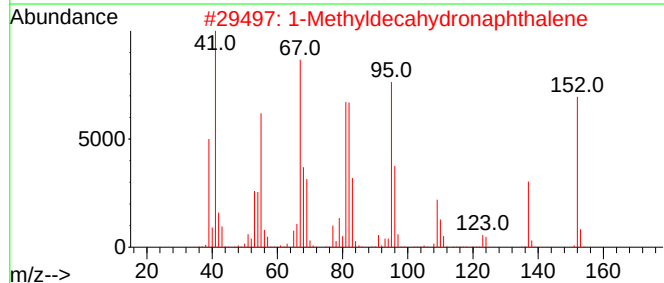
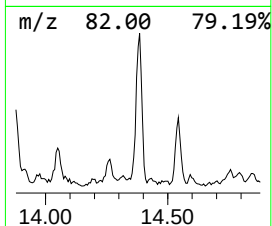
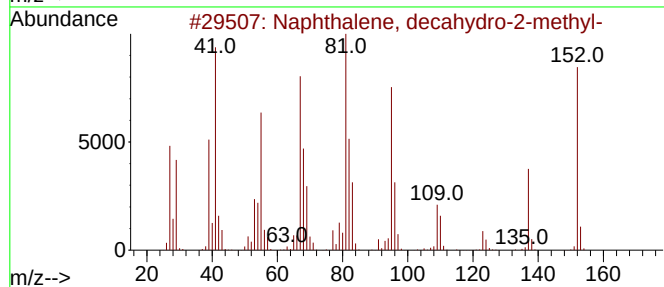
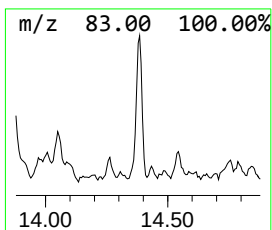
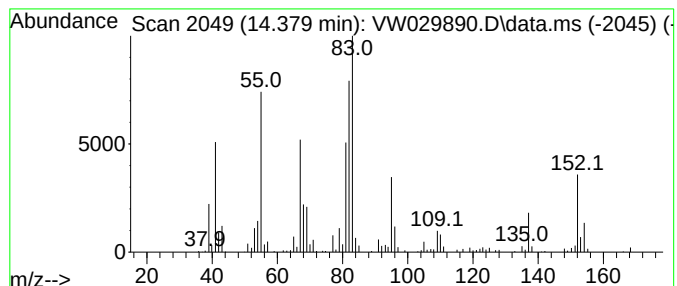
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Quant Title : SFAM01.0

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

Peak Number 12 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	9.81 ug/L	171681	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	64
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
4			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	53
5			Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
Data File : VW029890.D
Acq On : 12 Aug 2024 14:24
Operator : SY/MD
Sample : P3481-13
Misc : 4.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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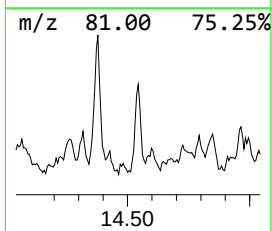
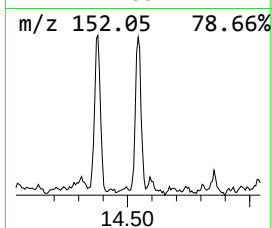
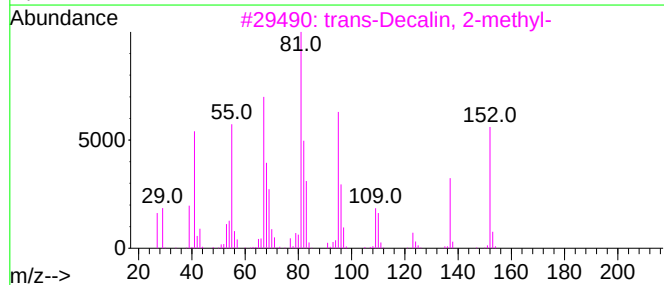
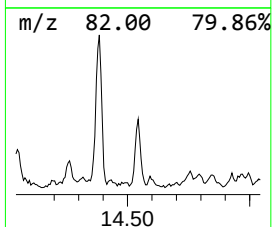
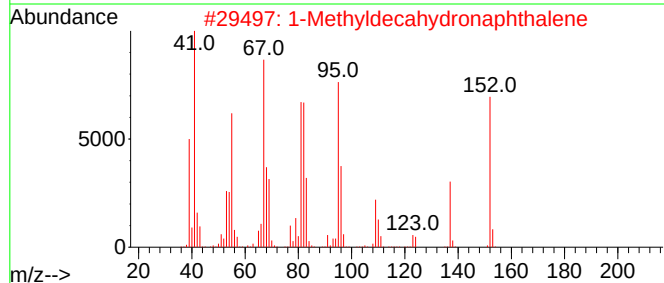
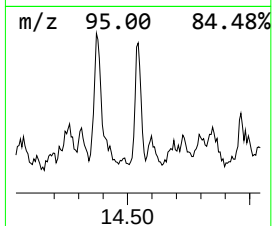
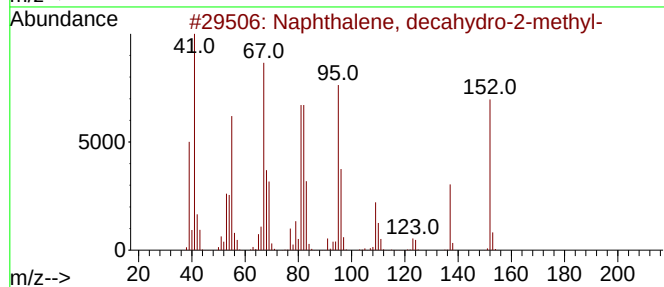
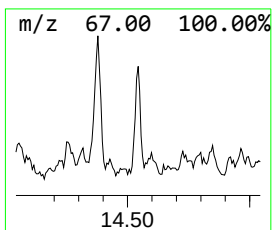
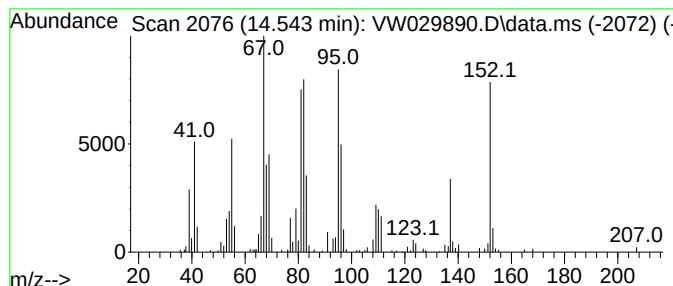
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Quant Title : SFAM01.0

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

Peak Number 13 1-Methyldecahydronaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	5.23 ug/L	91504	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	95
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
Data File : VW029890.D
Acq On : 12 Aug 2024 14:24
Operator : SY/MD
Sample : P3481-13
Misc : 4.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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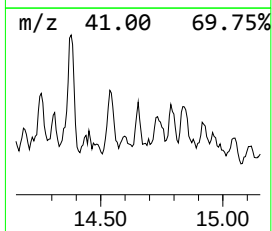
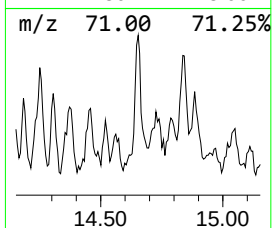
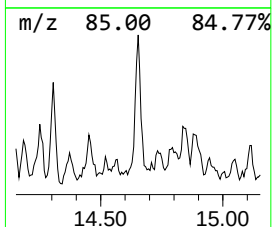
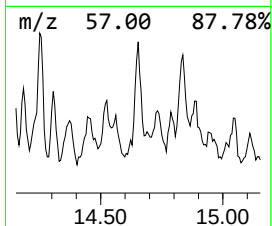
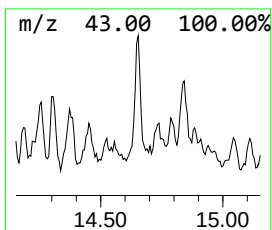
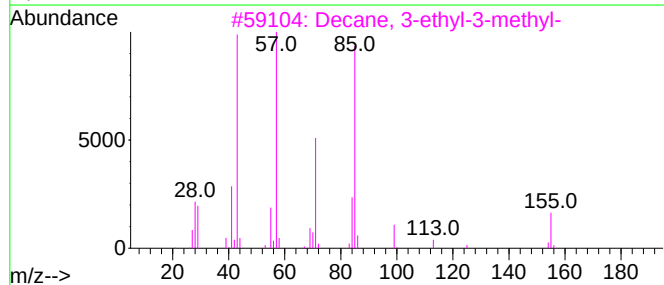
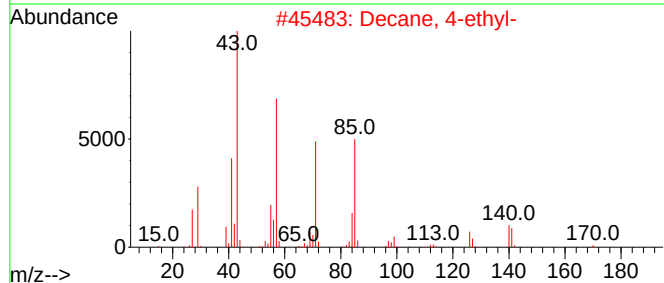
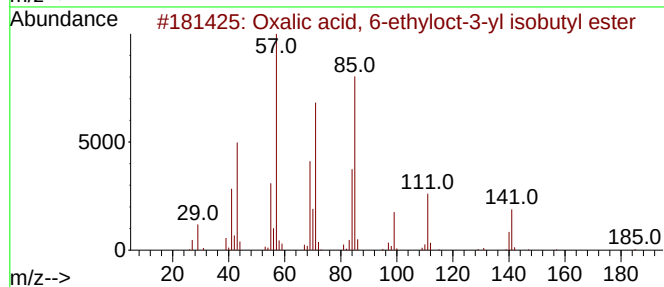
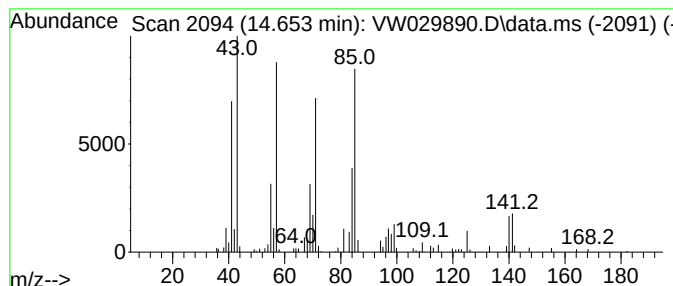
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Quant Title : SFAM01.0

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

Peak Number 14 Oxalic acid, 6-ethyloct-3-y... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	1.96 ug/L	34375	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	80
2			Decane, 4-ethyl-	170	C12H26	001636-44-8	59
3			Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	53
4			2H-Pyran, tetrahydro-2-[(tetrahy...	186	C10H18O3	000710-14-5	53
5			Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
Data File : VW029890.D
Acq On : 12 Aug 2024 14:24
Operator : SY/MD
Sample : P3481-13
Misc : 4.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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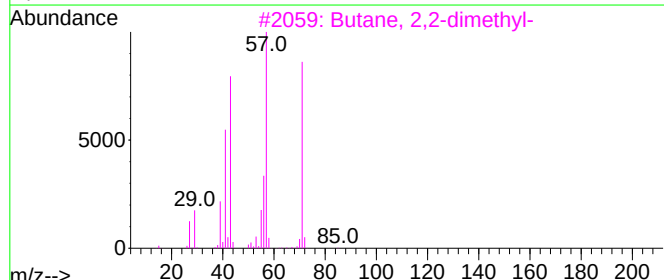
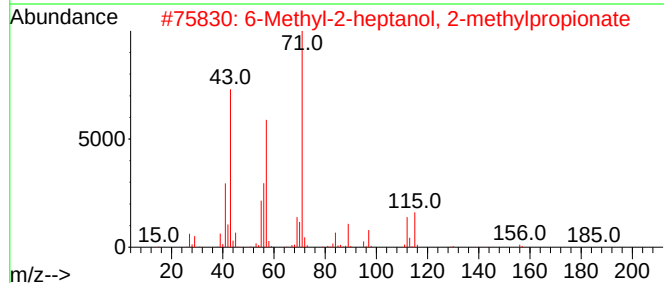
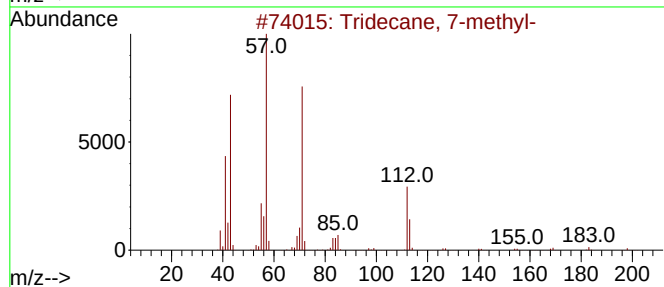
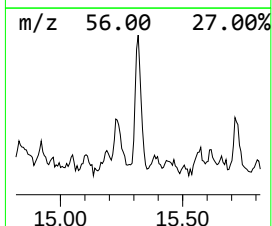
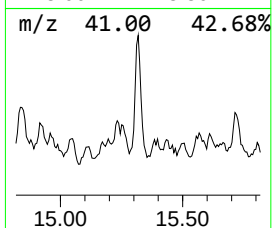
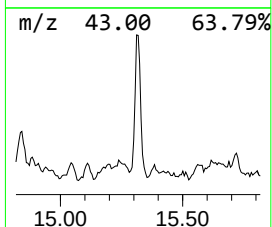
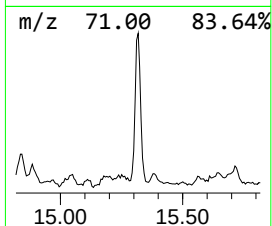
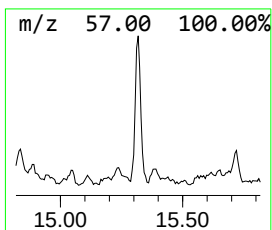
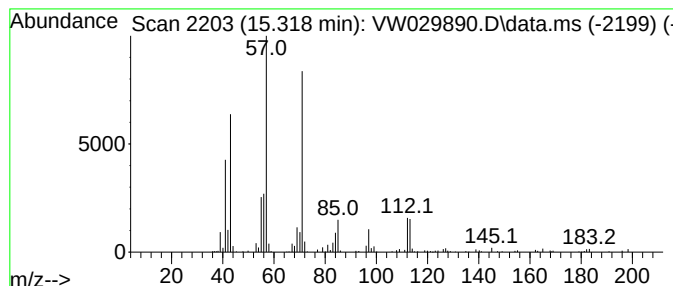
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	8.58 ug/L	150236	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
2			6-Methyl-2-heptanol, 2-methylpro...	200	C12H24O2	1000447-36-7	64
3			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	50
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
Data File : VW029890.D
Acq On : 12 Aug 2024 14:24
Operator : SY/MD
Sample : P3481-13
Misc : 4.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AE8

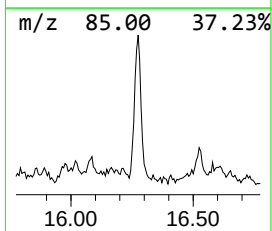
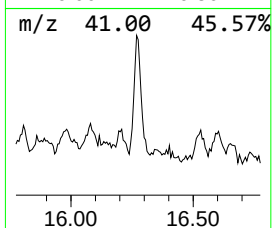
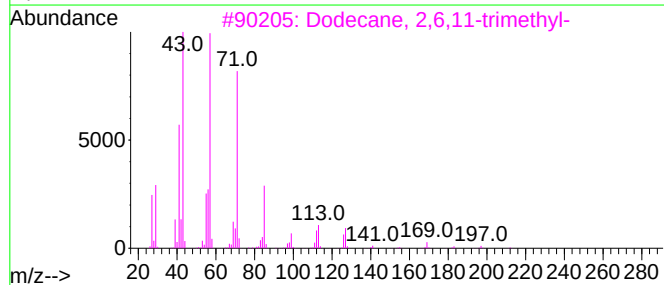
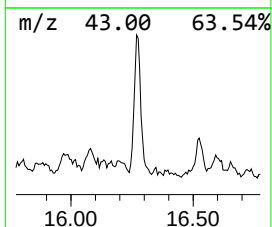
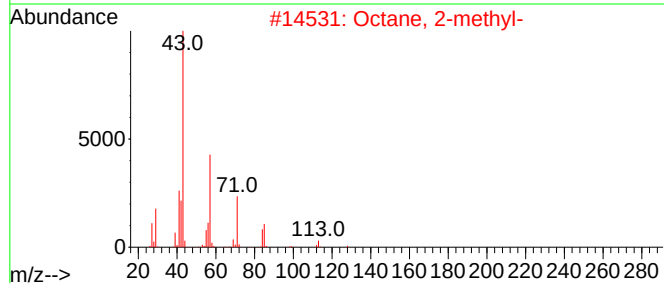
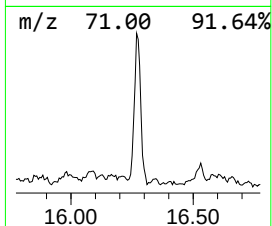
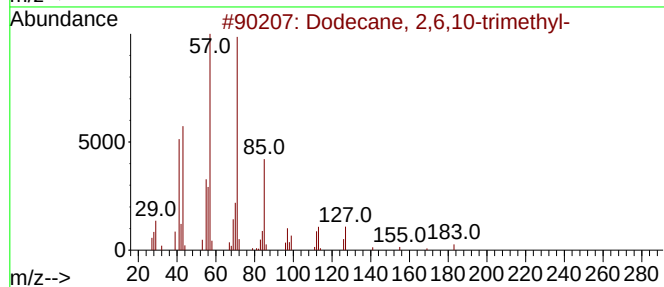
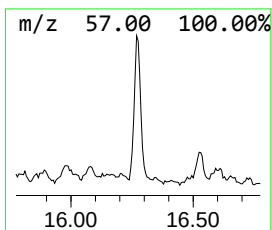
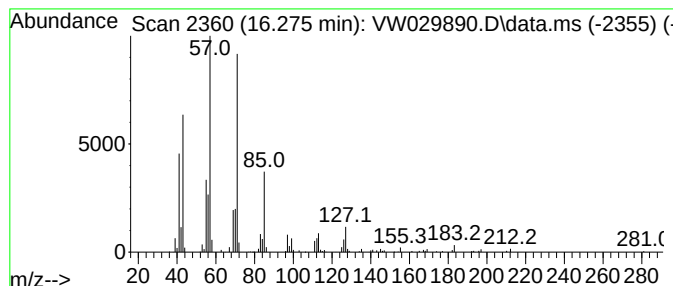
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	7.37 ug/L	129042	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		Octane, 2-methyl-	128	C9H20	003221-61-2	74
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
Data File : VW029890.D
Acq On : 12 Aug 2024 14:24
Operator : SY/MD
Sample : P3481-13
Misc : 4.39g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AE8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.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: C...	12.135	2.3	ug/L	67224	2	11.629	744835	25.0	
(DEL) Alkane: S...	12.245	2.5	ug/L	73222	2	11.629	744835	25.0	
(DEL) Alkane: S...	12.361	9.2	ug/L	273660	2	11.629	744835	25.0	
(DEL) Alkane: C...	12.775	3.5	ug/L	61166	3	13.556	437591	25.0	
(DEL) Alkane: C...	12.855	4.6	ug/L	80666	3	13.556	437591	25.0	
(DEL) Alkane: C...	12.934	12.7	ug/L	222783	3	13.556	437591	25.0	
(DEL) Alkane: C...	13.074	1.9	ug/L	33348	3	13.556	437591	25.0	
Sulfurous acid,...	13.117	2.9	ug/L	50808	3	13.556	437591	25.0	
(DEL) Alkane: C...	14.257	2.8	ug/L	49468	3	13.556	437591	25.0	
Naphthalene, de...	14.379	9.8	ug/L	171681	3	13.556	437591	25.0	
1-Methyldecahyd...	14.543	5.2	ug/L	91504	3	13.556	437591	25.0	
Oxalic acid, 6-...	14.653	2.0	ug/L	34375	3	13.556	437591	25.0	
(DEL) Alkane: S...	15.318	8.6	ug/L	150236	3	13.556	437591	25.0	
(DEL) Alkane: S...	16.275	7.4	ug/L	129042	3	13.556	437591	25.0	