

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101724\
 Data File : VW030640.D
 Acq On : 17 Oct 2024 15:45
 Operator : SY/MD
 Sample : P4429-04
 Misc : 4.96g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F90

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\SFAMWLM100924SMA.M
 Title : SFAM01.0

Signal : TIC: VW030640.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.082	30	32	34	rBV3	983	924	0.06%	0.007%
2	2.143	39	42	44	rBV3	2835	3528	0.23%	0.025%
3	2.222	50	55	57	rBV5	3687	6270	0.41%	0.044%
4	2.363	72	78	92	rBV	48928	130576	8.58%	0.919%
5	2.899	158	166	180	rBV	51728	159772	10.50%	1.124%
6	3.399	246	248	251	rVV3	1210	1553	0.10%	0.011%
7	3.533	268	270	274	rBV4	794	1280	0.08%	0.009%
8	3.588	276	279	281	rVB3	823	822	0.05%	0.006%
9	3.618	281	284	290	rBV6	751	1211	0.08%	0.009%
10	3.826	315	318	322	rVB6	838	1243	0.08%	0.009%
11	3.923	330	334	337	rVB5	954	1347	0.09%	0.009%
12	3.960	337	340	341	rBV3	1141	1169	0.08%	0.008%
13	4.021	341	350	361	rBV	77672	266451	17.51%	1.875%
14	4.118	362	366	376	rVB	21585	56380	3.70%	0.397%
15	4.374	403	408	410	rBV4	1509	2644	0.17%	0.019%
16	4.618	446	448	451	rBV3	1000	905	0.06%	0.006%
17	4.655	451	454	456	rVB4	706	885	0.06%	0.006%
18	4.704	459	462	463	rVB3	885	878	0.06%	0.006%
19	4.893	490	493	494	rBV3	1066	1042	0.07%	0.007%
20	4.917	494	497	505	rBV7	2162	4542	0.30%	0.032%
21	5.088	518	525	527	rBV8	1405	2718	0.18%	0.019%
22	5.130	530	532	536	rVB4	892	1155	0.08%	0.008%
23	5.228	546	548	551	rVB3	1057	972	0.06%	0.007%
24	5.417	577	579	581	rBV2	825	862	0.06%	0.006%
25	5.661	615	619	622	rBV5	402	813	0.05%	0.006%
26	5.777	635	638	639	rBV3	1396	1474	0.10%	0.010%
27	5.917	658	661	663	rBV4	814	923	0.06%	0.006%
28	5.984	670	672	674	rBV3	989	777	0.05%	0.005%
29	6.051	681	683	685	rBV2	736	826	0.05%	0.006%
30	6.240	712	714	719	rVB6	727	1083	0.07%	0.008%
31	6.295	719	723	729	rBV5	941	1623	0.11%	0.011%
32	6.514	756	759	762	rBV5	1049	1394	0.09%	0.010%
33	6.581	767	770	772	rVB2	838	909	0.06%	0.006%
34	6.624	774	777	781	rVB4	889	1301	0.09%	0.009%
35	6.673	781	785	787	rBV5	684	995	0.07%	0.007%
36	6.770	795	801	802	rVB5	1014	1237	0.08%	0.009%

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 Title : SFAM01.0

37	6.874	816	818	822	rVB5	778	917	0.06%	0.006%
38	7.075	841	851	860	rBV2	41103	123087	8.09%	0.866%
39	7.301	887	888	893	rBV3	797	774	0.05%	0.005%
40	7.337	893	894	898	rVB3	961	767	0.05%	0.005%
41	7.386	898	902	905	rBV5	554	782	0.05%	0.006%
42	7.410	905	906	910	rBV4	741	1062	0.07%	0.007%
43	7.465	914	915	919	rBV4	772	816	0.05%	0.006%
44	7.502	919	921	923	rBV3	991	833	0.05%	0.006%
45	7.532	923	926	933	rVB8	1149	2804	0.18%	0.020%
46	7.648	933	945	957	rBV	250717	628670	41.31%	4.424%
47	7.855	976	979	980	rBV3	1028	846	0.06%	0.006%
48	7.947	992	994	996	rVB3	1121	984	0.06%	0.007%
49	8.026	1000	1007	1014	rBV9	1976	5287	0.35%	0.037%
50	8.148	1022	1027	1034	rVB10	2032	5217	0.34%	0.037%
51	8.276	1038	1048	1063	rBV2	386539	1208180	79.39%	8.502%
52	8.416	1069	1071	1074	rVB3	920	901	0.06%	0.006%
53	8.678	1112	1114	1115	rBV2	1218	1163	0.08%	0.008%
54	8.843	1130	1141	1155	rBV	622293	1254146	82.41%	8.825%
55	9.081	1175	1180	1187	rVB9	3867	8654	0.57%	0.061%
56	9.270	1202	1211	1226	rBV	322091	667099	43.84%	4.694%
57	9.666	1274	1276	1280	rVB5	1205	1558	0.10%	0.011%
58	9.751	1285	1290	1296	rVB8	3056	5615	0.37%	0.040%
59	9.892	1307	1313	1319	rBV9	2984	7530	0.49%	0.053%
60	9.959	1321	1324	1326	rVB3	1257	1191	0.08%	0.008%
61	10.032	1328	1336	1351	rBV	151577	289791	19.04%	2.039%
62	10.209	1361	1365	1367	rBV5	1562	2248	0.15%	0.016%
63	10.325	1375	1384	1393	rBV	465317	840430	55.23%	5.914%
64	10.575	1418	1425	1434	rBV	96926	180485	11.86%	1.270%
65	10.666	1436	1440	1443	rVB4	2030	3662	0.24%	0.026%
66	10.757	1450	1455	1459	rBV6	4023	9566	0.63%	0.067%
67	10.843	1465	1469	1475	rVB5	4186	7472	0.49%	0.053%
68	10.922	1475	1482	1494	rBV	169928	304209	19.99%	2.141%
69	11.038	1496	1501	1508	rVB4	7527	15723	1.03%	0.111%
70	11.111	1509	1513	1515	rBV4	4440	5361	0.35%	0.038%
71	11.172	1520	1523	1527	rBV4	3541	4769	0.31%	0.034%
72	11.227	1527	1532	1538	rBV2	20586	35671	2.34%	0.251%
73	11.282	1538	1541	1544	rVB5	3321	3899	0.26%	0.027%
74	11.337	1545	1550	1554	rBV2	17928	29296	1.93%	0.206%
75	11.434	1561	1566	1573	rVB2	21116	37588	2.47%	0.264%
76	11.507	1573	1578	1588	rBV3	9041	20402	1.34%	0.144%

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77	11.629	1589	1598	1606	rBV	887081	1521794	100.00%	10.708%
78	11.757	1616	1619	1623	rBV3	11056	15491	1.02%	0.109%
79	11.812	1623	1628	1632	rBV5	14355	26686	1.75%	0.188%
80	11.867	1632	1637	1642	rBV2	49146	91370	6.00%	0.643%
81	11.977	1650	1655	1656	rBV5	9509	14929	0.98%	0.105%
82	12.056	1664	1668	1673	rVB5	28700	53078	3.49%	0.373%
83	12.135	1673	1681	1687	rBV3	98558	233262	15.33%	1.641%
84	12.245	1696	1699	1704	rVB	95111	140935	9.26%	0.992%
85	12.361	1704	1718	1725	rBV4	140534	525559	34.54%	3.698%
86	12.495	1738	1740	1748	rVB4	93542	149550	9.83%	1.052%
87	12.586	1752	1755	1757	rBV	29030	36426	2.39%	0.256%
88	12.690	1765	1772	1778	rBV	346316	637138	41.87%	4.483%
89	12.775	1782	1786	1792	rVB2	142245	259351	17.04%	1.825%
90	12.855	1792	1799	1805	rBV6	68414	182374	11.98%	1.283%
91	12.940	1807	1813	1818	rBV4	141988	307249	20.19%	2.162%
92	13.074	1832	1835	1839	rVB2	73854	93886	6.17%	0.661%
93	13.117	1839	1842	1846	rBV2	43950	75772	4.98%	0.533%
94	13.287	1867	1870	1874	rBV2	88224	119711	7.87%	0.842%
95	13.403	1886	1889	1892	rBV	76673	113860	7.48%	0.801%
96	13.556	1908	1914	1918	rBV	851675	1347808	88.57%	9.484%
97	13.848	1956	1962	1970	rBV	576968	1260215	82.81%	8.868%
98	14.379	2045	2049	2055	rBV3	112161	180739	11.88%	1.272%
99	15.318	2199	2203	2210	rVB2	126171	210128	13.81%	1.479%
100	16.275	2355	2360	2369	rVB	123689	231951	15.24%	1.632%

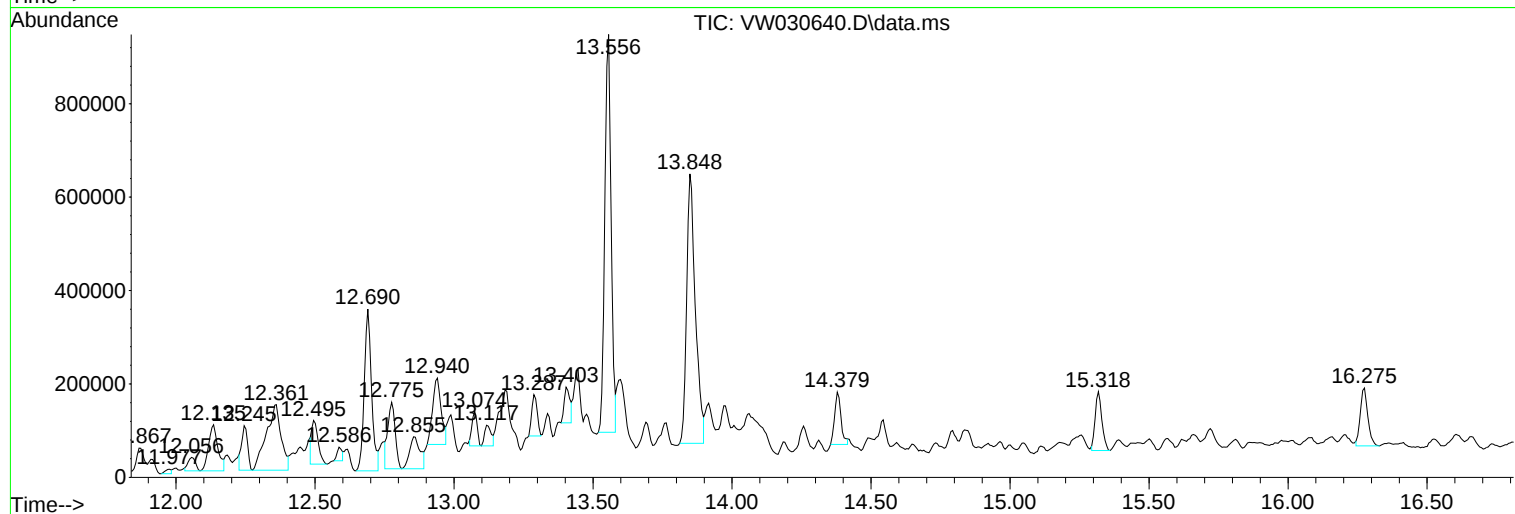
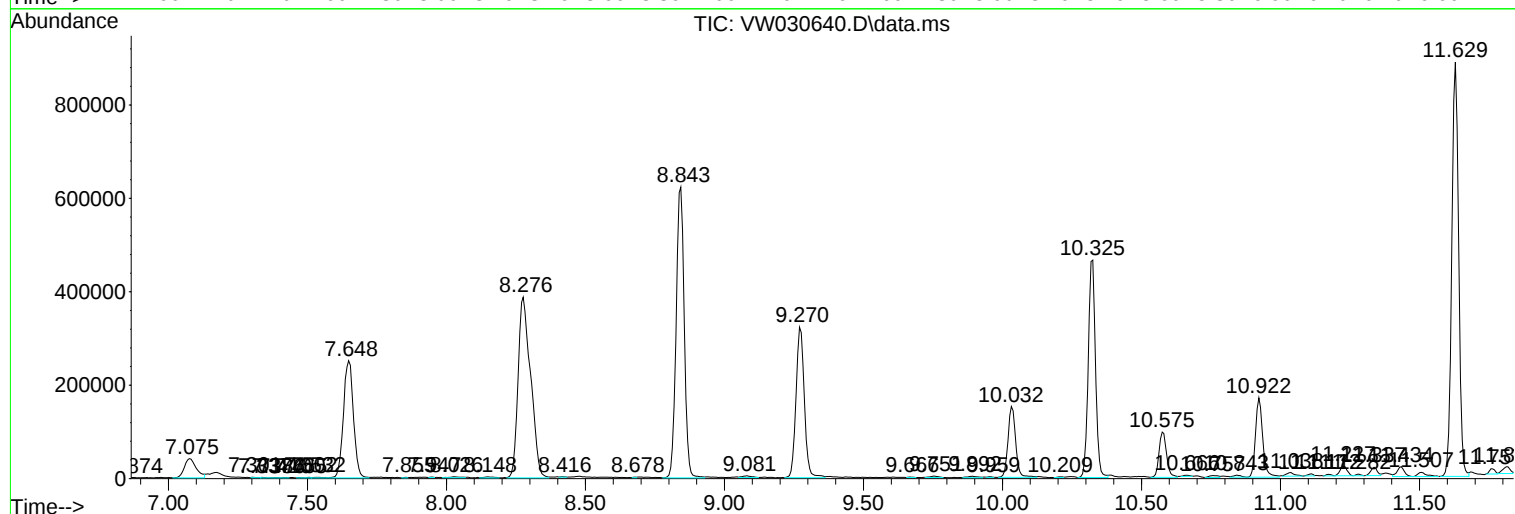
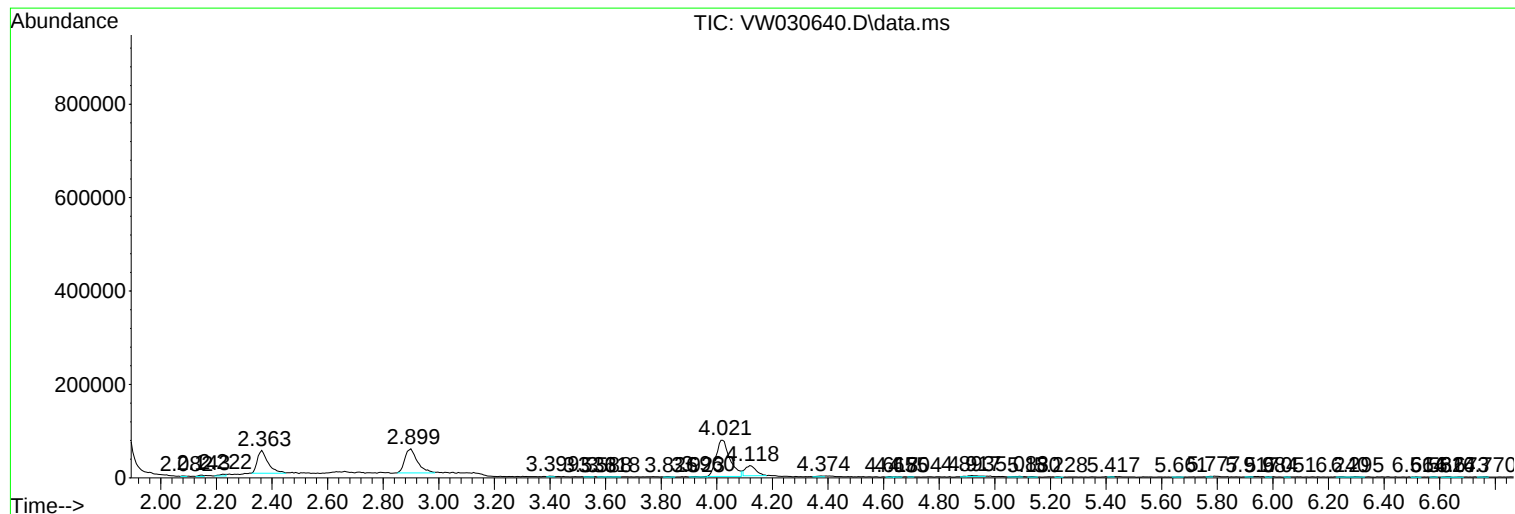
Sum of corrected areas: 14211201

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.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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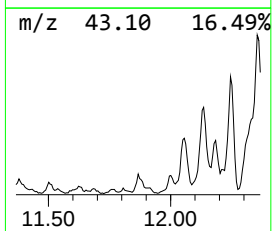
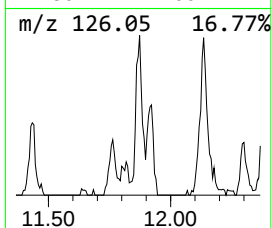
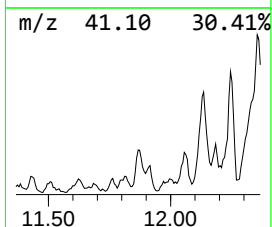
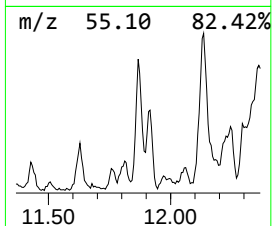
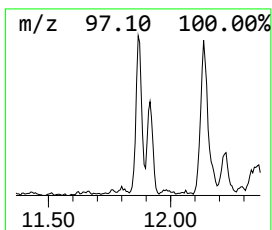
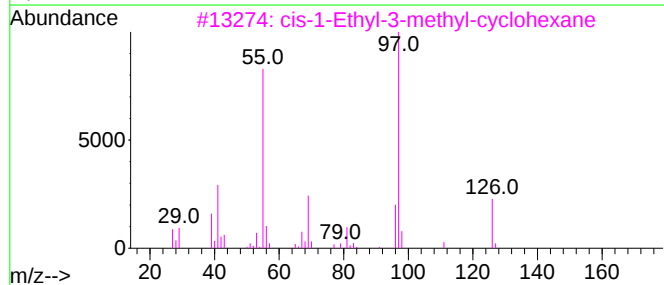
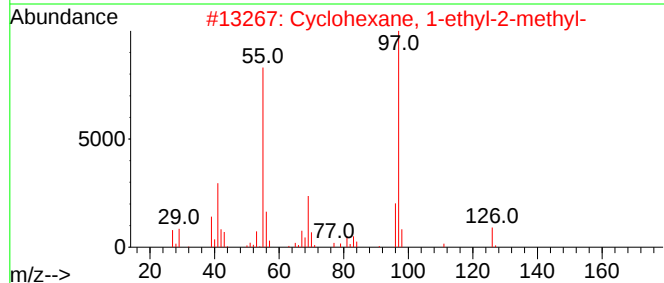
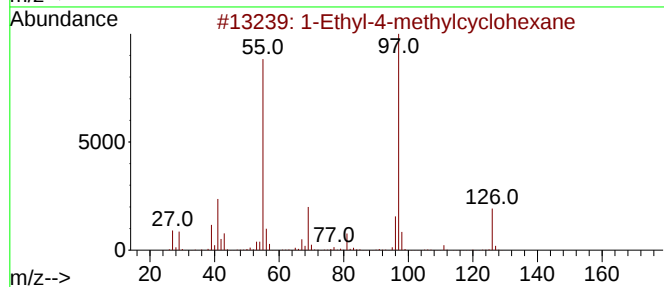
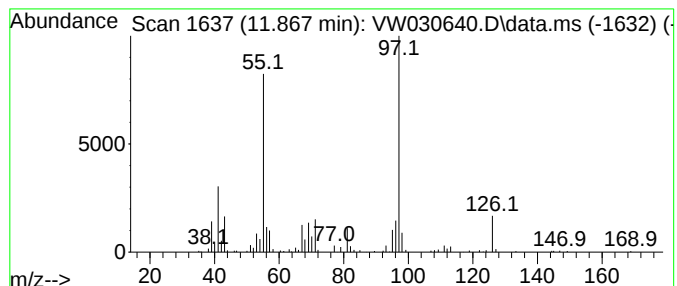
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic11.867 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.867	1.50 ug/L	91370	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
3			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	81
4			Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	78
5			Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	78



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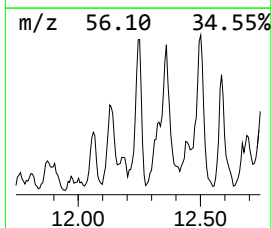
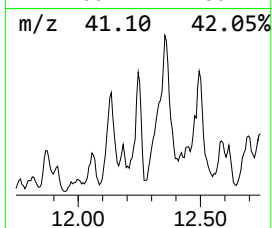
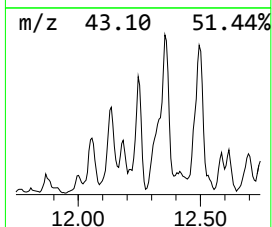
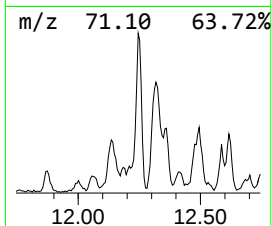
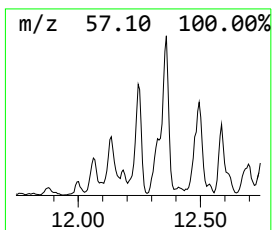
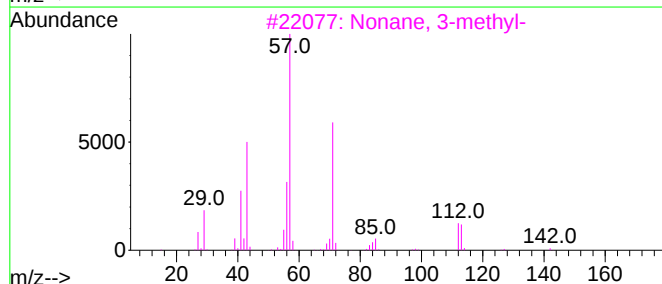
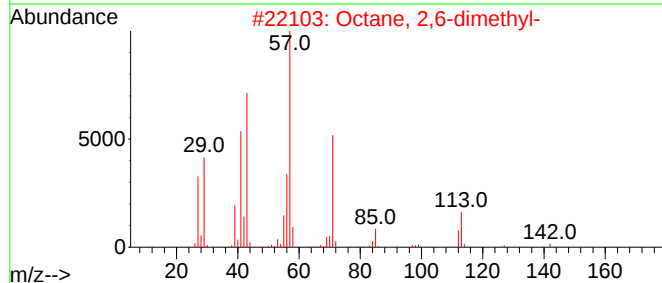
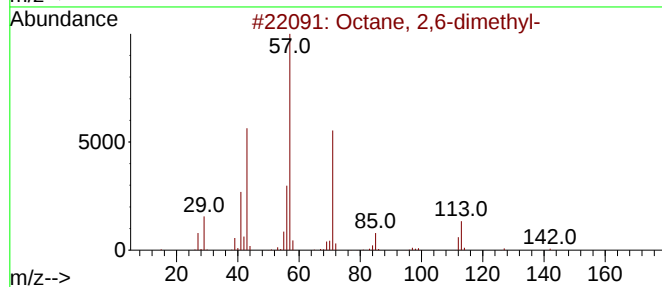
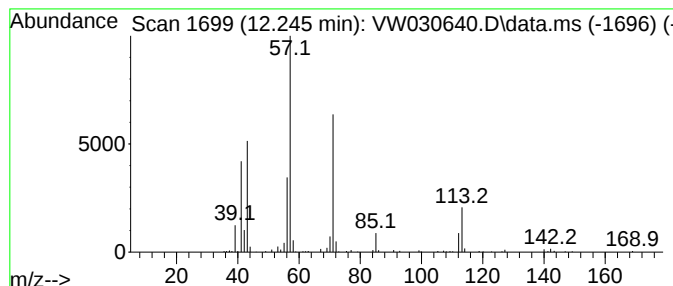
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Quant Title : SFAM01.0

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TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.245	2.32 ug/L	140935	Chlorobenzene-d5			11.629
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	87
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	87
3	Nonane, 3-methyl-		142	C10H22	005911-04-6	87
4	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	81
5	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	80



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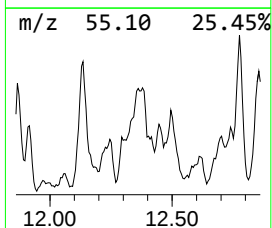
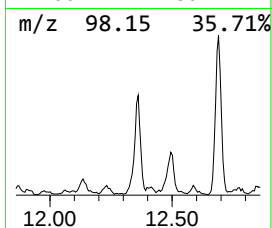
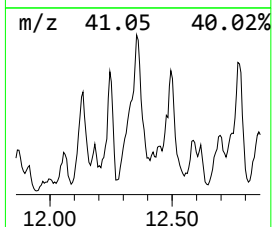
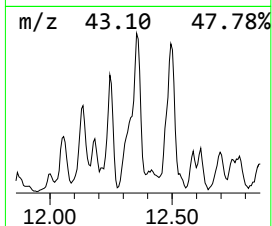
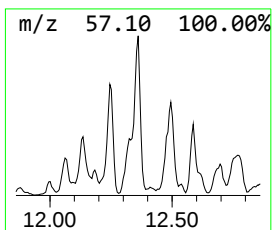
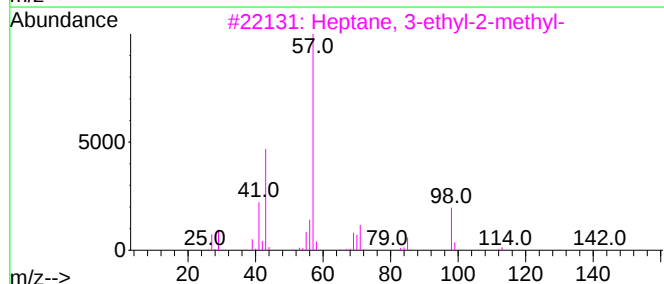
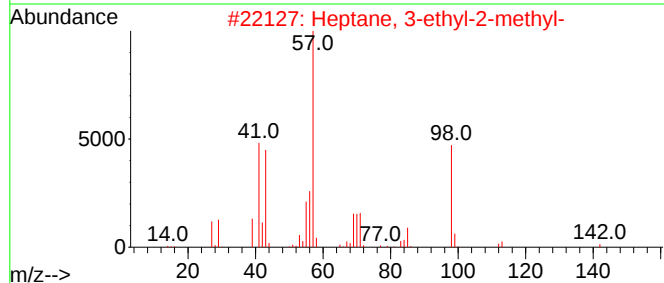
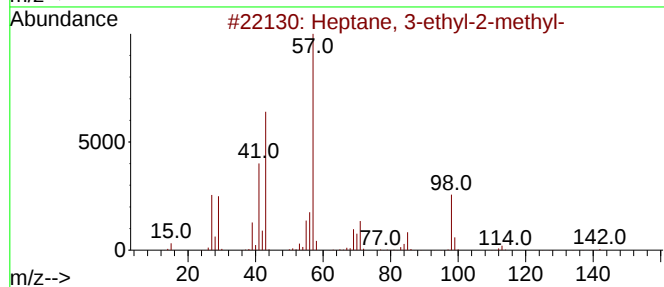
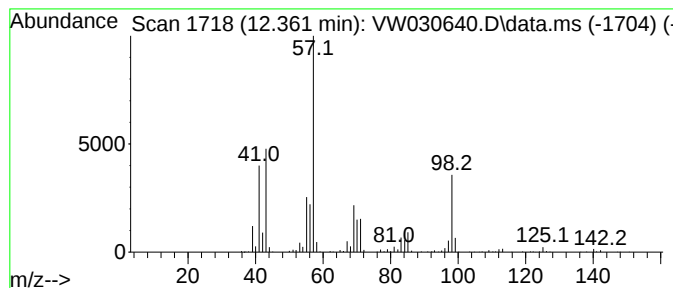
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	8.63 ug/L	525559	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	91
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	80
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
5			3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101724\
Data File : VW030640.D
Acq On : 17 Oct 2024 15:45
Operator : SY/MD
Sample : P4429-04
Misc : 4.96g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F90

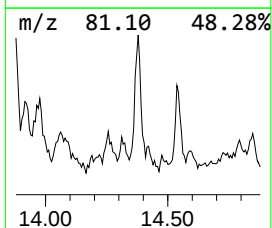
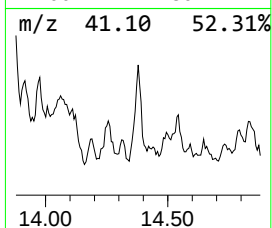
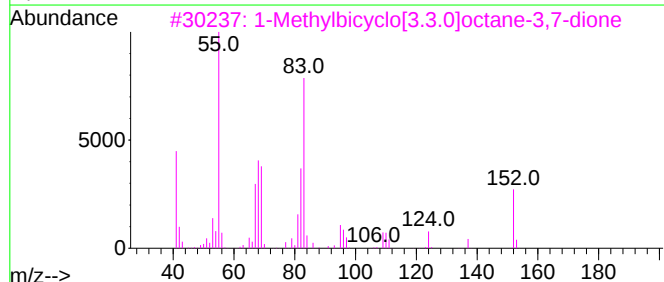
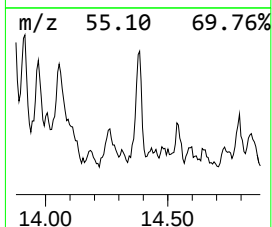
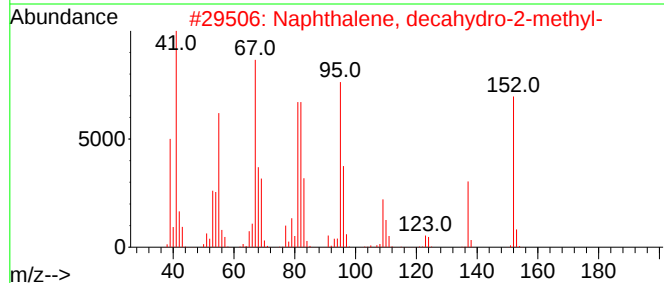
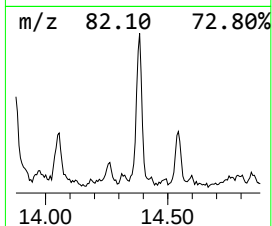
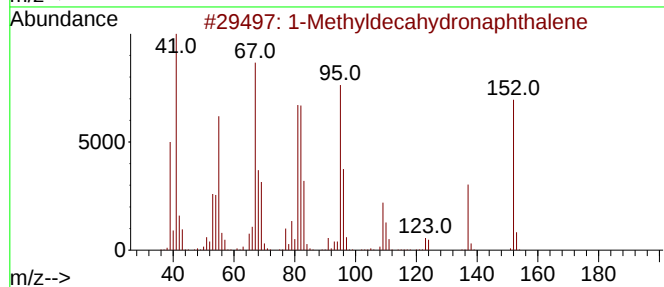
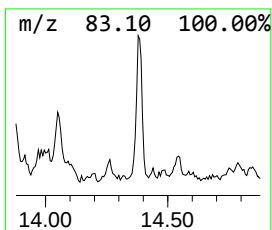
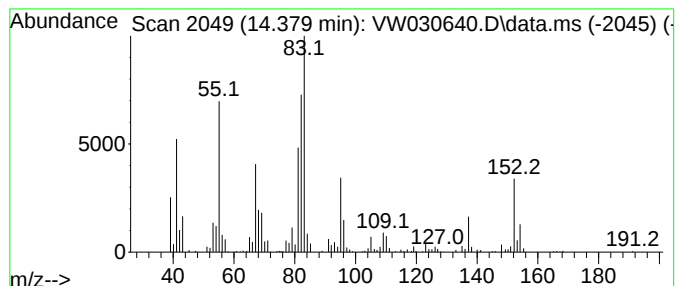
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Quant Title : SFAM01.0

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

Peak Number 14 1-Methyldecahydronaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	3.35 ug/L	180739	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	95
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
3			1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	64
4			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	50
5			Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	024903-95-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101724\
Data File : VW030640.D
Acq On : 17 Oct 2024 15:45
Operator : SY/MD
Sample : P4429-04
Misc : 4.96g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F90

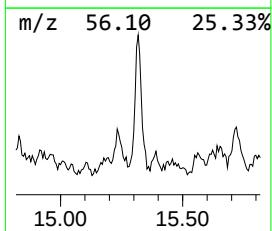
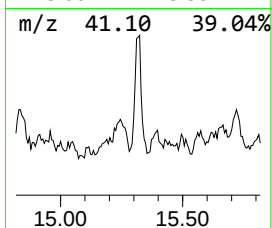
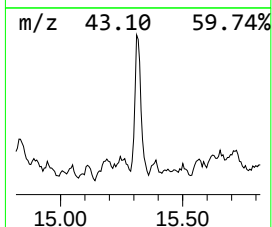
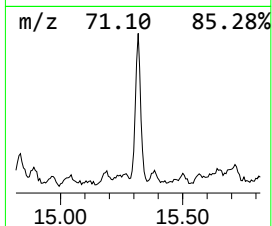
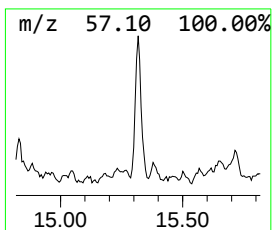
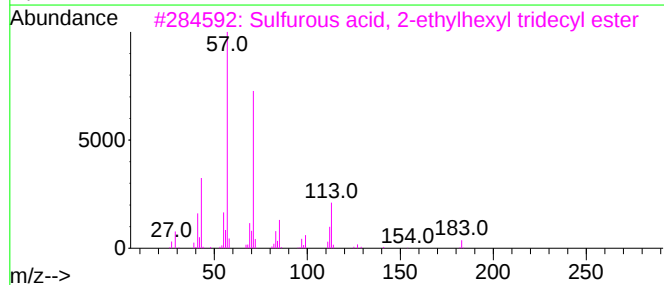
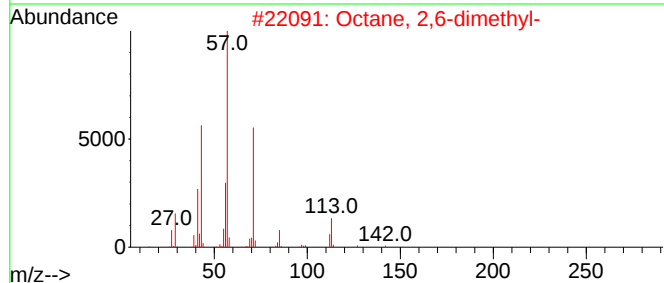
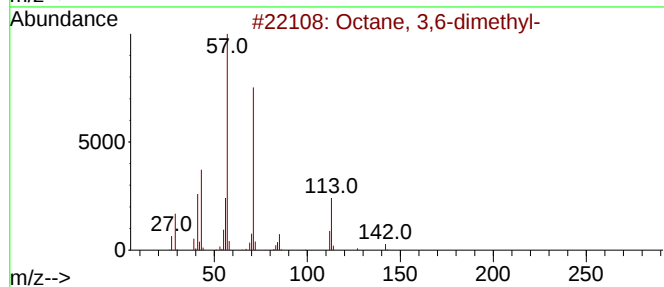
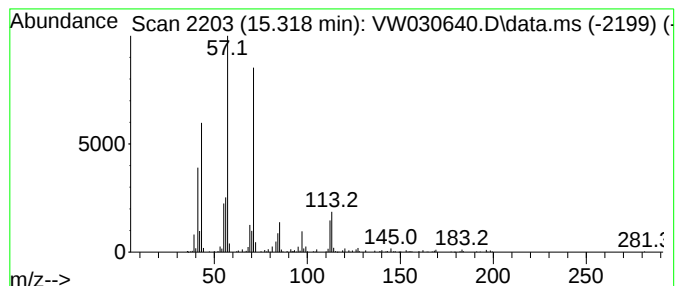
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Quant Title : SFAM01.0

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.
15.318	3.90 ug/L	210128	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
3			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	80
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
5			6-Methyl-2-heptanol, 2-methylpro...	200	C12H24O2	1000447-36-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101724\
Data File : VW030640.D
Acq On : 17 Oct 2024 15:45
Operator : SY/MD
Sample : P4429-04
Misc : 4.96g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F90

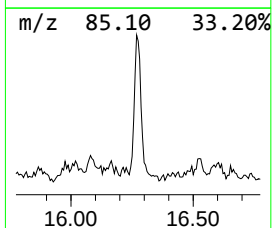
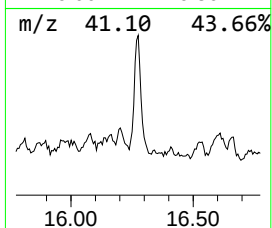
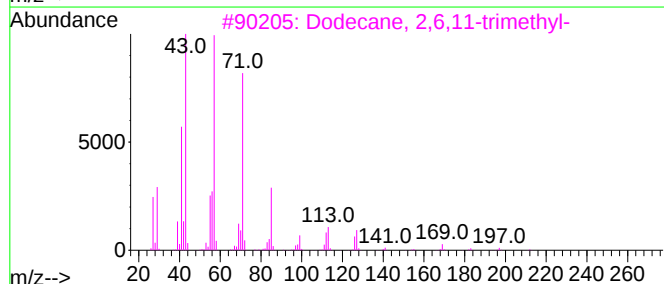
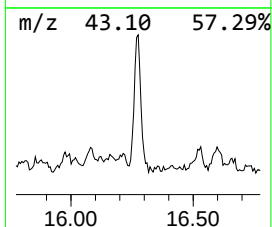
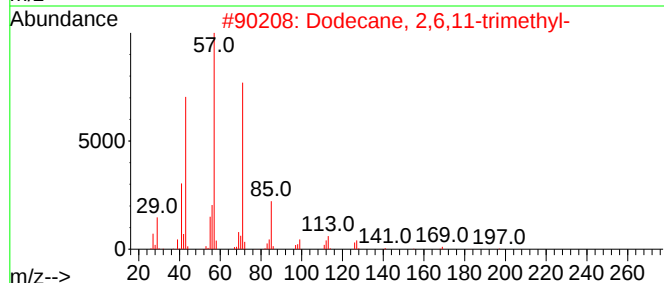
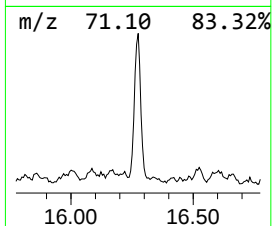
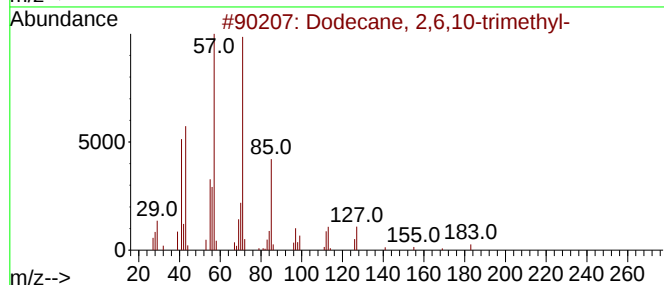
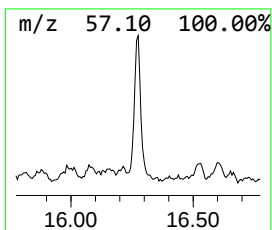
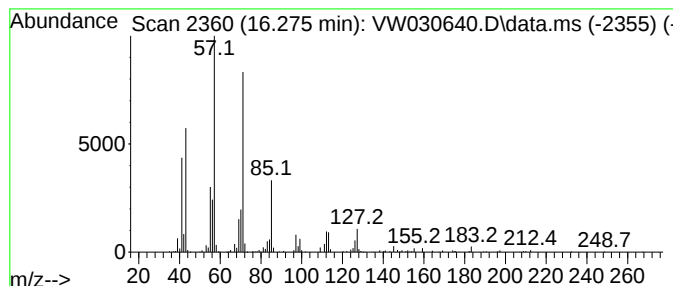
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

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	4.30 ug/L	231951	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	87
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
5			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101724\
Data File : VW030640.D
Acq On : 17 Oct 2024 15:45
Operator : SY/MD
Sample : P4429-04
Misc : 4.96g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F90

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.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...	11.867	1.5	ug/L	91370	2	11.629	1521790	25.0
(DEL)	Alkane: S...	12.245	2.3	ug/L	140935	2	11.629	1521790	25.0
(DEL)	Alkane: S...	12.361	8.6	ug/L	525559	2	11.629	1521790	25.0
1-Methyldecahyd...		14.379	3.4	ug/L	180739	3	13.556	1347810	25.0
(DEL)	Alkane: S...	15.318	3.9	ug/L	210128	3	13.556	1347810	25.0
(DEL)	Alkane: S...	16.275	4.3	ug/L	231951	3	13.556	1347810	25.0