

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071024\
 Data File : VW029510.D
 Acq On : 10 Jul 2024 16:38
 Operator : SY/MD
 Sample : P3177-16
 Misc : 5.40g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4BY2

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

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: VW029510.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	72	78	98	rBV	69948	182537	14.32%	2.882%
2	2.899	159	166	182	rVB	54792	156720	12.29%	2.474%
3	3.856	321	323	327	rBV3	349	419	0.03%	0.007%
4	3.905	329	331	334	rBV2	280	345	0.03%	0.005%
5	4.021	338	350	378	rBV	127523	448823	35.21%	7.086%
6	4.338	400	402	405	rBV2	418	441	0.03%	0.007%
7	4.417	414	415	417	rBV	523	319	0.03%	0.005%
8	4.527	432	433	435	rVB	424	170	0.01%	0.003%
9	4.588	442	443	444	rBV	646	462	0.04%	0.007%
10	4.612	444	447	449	rVV2	853	1355	0.11%	0.021%
11	4.753	466	470	472	rVB3	524	536	0.04%	0.008%
12	4.771	472	473	475	rBV	411	266	0.02%	0.004%
13	4.838	483	484	486	rBV	246	242	0.02%	0.004%
14	4.923	486	498	518	rVV2	15100	64819	5.08%	1.023%
15	5.118	529	530	532	rBV2	595	468	0.04%	0.007%
16	5.423	577	580	584	rVB4	452	541	0.04%	0.009%
17	5.460	584	586	588	rVB2	393	394	0.03%	0.006%
18	5.490	588	591	593	rBV2	540	679	0.05%	0.011%
19	5.521	593	596	599	rBV3	235	364	0.03%	0.006%
20	5.606	608	610	613	rBV	362	419	0.03%	0.007%
21	5.710	626	627	631	rBV2	471	479	0.04%	0.008%
22	5.856	649	651	655	rBV3	338	410	0.03%	0.006%
23	5.887	655	656	658	rVV2	267	263	0.02%	0.004%
24	5.941	658	665	677	rVB5	2509	8453	0.66%	0.133%
25	6.033	679	680	683	rBV3	423	315	0.02%	0.005%
26	6.100	689	691	692	rVB2	276	194	0.02%	0.003%
27	6.124	692	695	697	rBV	525	625	0.05%	0.010%
28	6.277	718	720	721	rVB2	399	212	0.02%	0.003%
29	6.319	725	727	728	rVB	525	275	0.02%	0.004%
30	6.374	735	736	741	rVB3	351	551	0.04%	0.009%
31	6.423	741	744	747	rBV3	491	762	0.06%	0.012%
32	6.460	748	750	751	rVV	687	353	0.03%	0.006%
33	6.472	751	752	756	rVB2	328	297	0.02%	0.005%
34	6.539	762	763	764	rBV	330	170	0.01%	0.003%
35	6.600	770	773	776	rBV3	685	756	0.06%	0.012%
36	6.685	786	787	791	rBV3	405	441	0.03%	0.007%

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Max Peaks: 100

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

37	6.722	791	793	794	rVB2	325	187	0.01%	0.003%
38	6.746	794	797	798	rBV2	363	366	0.03%	0.006%
39	6.831	809	811	813	rBV2	349	289	0.02%	0.005%
40	6.923	824	826	829	rVB	621	521	0.04%	0.008%
41	6.966	829	833	834	rBV2	387	423	0.03%	0.007%
42	7.002	838	839	841	rVB2	368	172	0.01%	0.003%
43	7.075	844	851	861	rBV	25454	86928	6.82%	1.372%
44	7.648	935	945	955	rBV	212574	526233	41.28%	8.308%
45	7.764	963	964	966	rBV2	428	287	0.02%	0.005%
46	7.929	989	991	995	rVB4	749	792	0.06%	0.013%
47	8.039	1007	1009	1011	rBV2	466	378	0.03%	0.006%
48	8.057	1011	1012	1014	rBV2	427	320	0.03%	0.005%
49	8.136	1024	1025	1029	rVB3	433	343	0.03%	0.005%
50	8.167	1029	1030	1033	rBV3	495	632	0.05%	0.010%
51	8.276	1038	1048	1067	rBV2	416987	1274728	100.00%	20.125%
52	8.459	1076	1078	1079	rVB2	402	194	0.02%	0.003%
53	8.557	1093	1094	1099	rBV3	565	738	0.06%	0.012%
54	8.624	1103	1105	1106	rBV	448	331	0.03%	0.005%
55	8.685	1113	1115	1120	rBV5	522	816	0.06%	0.013%
56	8.740	1123	1124	1127	rBV2	477	312	0.02%	0.005%
57	8.843	1132	1141	1152	rBV	144403	290026	22.75%	4.579%
58	9.008	1165	1168	1169	rBV2	466	463	0.04%	0.007%
59	9.191	1197	1198	1200	rBV	500	341	0.03%	0.005%
60	9.270	1200	1211	1221	rBV	298274	616631	48.37%	9.735%
61	9.435	1236	1238	1239	rVB	403	212	0.02%	0.003%
62	9.526	1249	1253	1254	rBV2	274	319	0.03%	0.005%
63	9.569	1258	1260	1262	rBV3	307	406	0.03%	0.006%
64	9.618	1266	1268	1270	rBV3	466	431	0.03%	0.007%
65	9.788	1295	1296	1299	rVB	431	222	0.02%	0.004%
66	9.825	1299	1302	1303	rBV2	286	340	0.03%	0.005%
67	9.843	1303	1305	1306	rBV2	323	292	0.02%	0.005%
68	10.032	1328	1336	1346	rBV	86435	158166	12.41%	2.497%
69	10.258	1371	1373	1374	rBV2	400	279	0.02%	0.004%
70	10.325	1376	1384	1393	rBV	490509	876778	68.78%	13.842%
71	10.575	1418	1425	1437	rBV	63722	114912	9.01%	1.814%
72	10.703	1441	1446	1452	rVB2	4581	9026	0.71%	0.142%
73	10.752	1452	1454	1456	rBV2	382	426	0.03%	0.007%
74	10.843	1464	1469	1474	rBV5	1377	2816	0.22%	0.044%
75	10.922	1476	1482	1495	rBV	84181	161622	12.68%	2.552%
76	11.264	1537	1538	1539	rBV	564	252	0.02%	0.004%

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Integration Parameters: LSCINT.P

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 Title : SFAM01.0

77	11.629	1590	1598	1607	rBV	91862	160214	12.57%	2.529%
78	11.831	1628	1631	1636	rBV5	1356	2199	0.17%	0.035%
79	11.971	1651	1654	1657	rVB3	538	571	0.04%	0.009%
80	12.062	1663	1669	1670	rBV2	622	808	0.06%	0.013%
81	12.123	1676	1679	1680	rBV3	319	294	0.02%	0.005%
82	12.306	1707	1709	1712	rVV4	384	316	0.02%	0.005%
83	12.355	1712	1717	1718	rBV4	544	767	0.06%	0.012%
84	12.373	1718	1720	1723	rVB3	857	851	0.07%	0.013%
85	12.434	1728	1730	1731	rVB2	501	245	0.02%	0.004%
86	12.465	1731	1735	1737	rBV4	552	1028	0.08%	0.016%
87	12.593	1750	1756	1764	rVB4	16874	34048	2.67%	0.538%
88	12.690	1765	1772	1778	rBV	186884	312766	24.54%	4.938%
89	13.190	1850	1854	1860	rVB	29826	46594	3.66%	0.736%
90	13.294	1866	1871	1878	rVB	12819	20897	1.64%	0.330%
91	13.403	1880	1889	1894	rBV	44888	84649	6.64%	1.336%
92	13.556	1910	1914	1917	rBV	33981	49339	3.87%	0.779%
93	13.599	1917	1921	1932	rVB	70536	148873	11.68%	2.350%
94	13.757	1943	1947	1955	rVB2	28061	52993	4.16%	0.837%
95	13.849	1956	1962	1968	rBV	231658	386212	30.30%	6.097%
96	14.062	1993	1997	2001	rBV	9769	15144	1.19%	0.239%
97	14.879	2129	2131	2133	rBV3	879	784	0.06%	0.012%
98	15.397	2209	2216	2220	rBV8	4761	8212	0.64%	0.130%
99	15.470	2226	2228	2231	rBV4	1521	1719	0.13%	0.027%
100	16.074	2325	2327	2329	rBV2	1035	701	0.05%	0.011%

Sum of corrected areas: 6334049

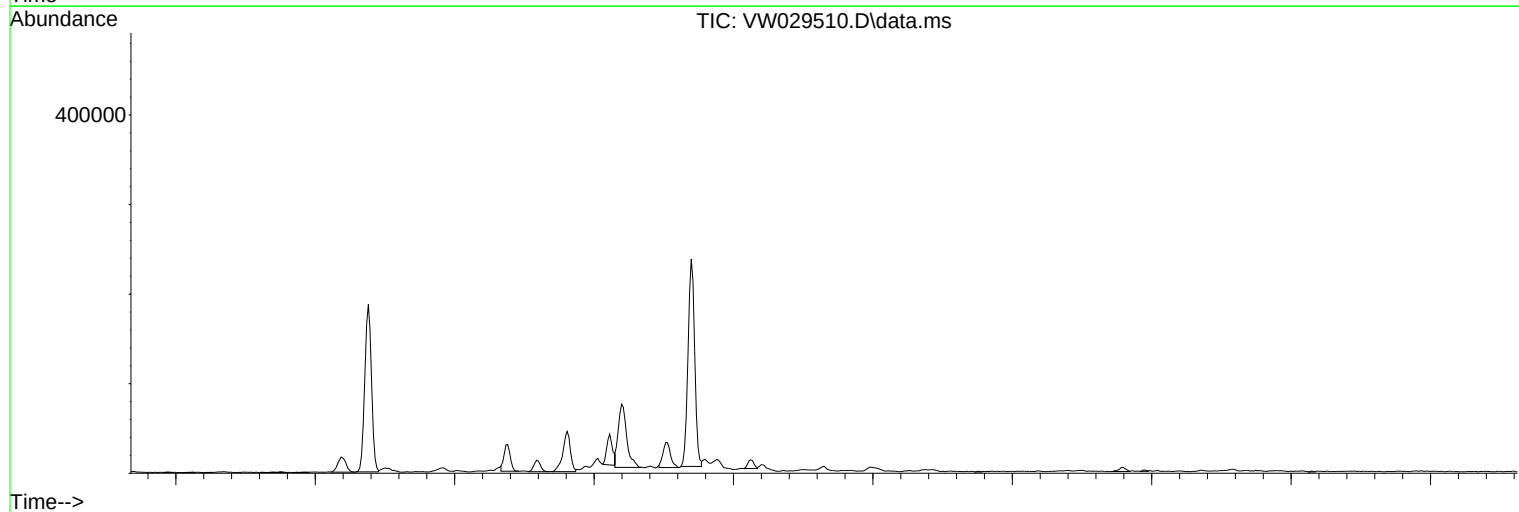
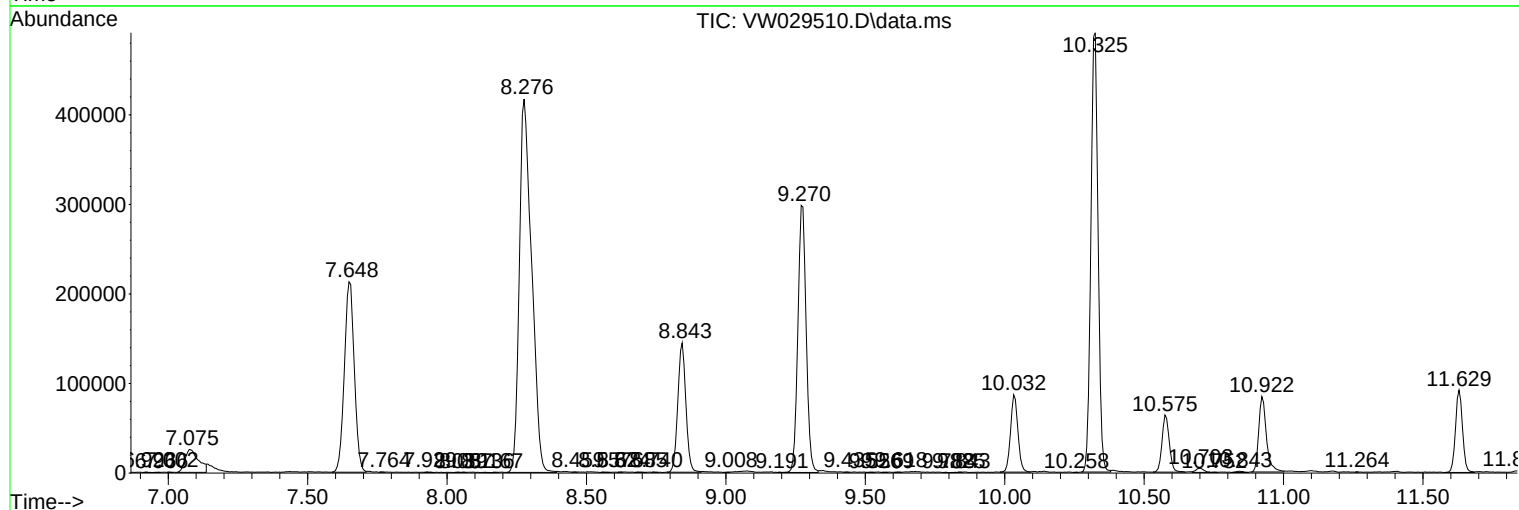
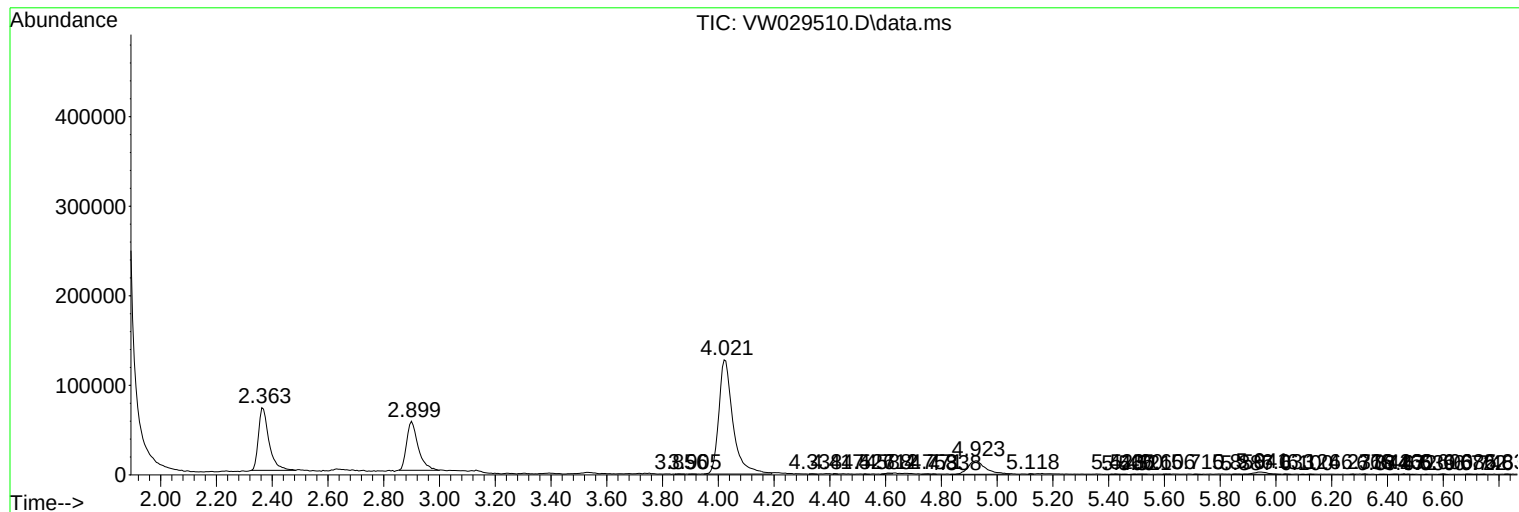
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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Quant Title : SFAM01.0

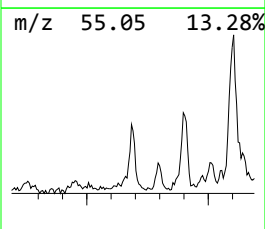
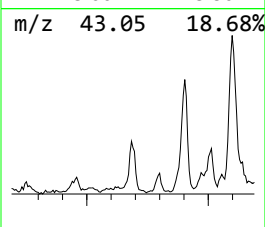
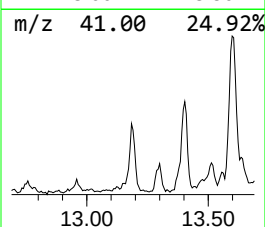
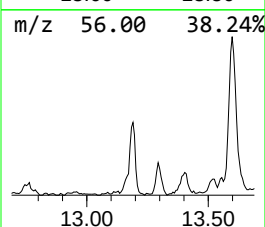
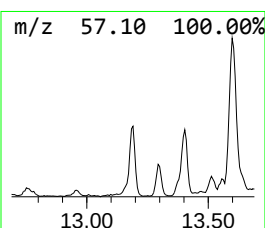
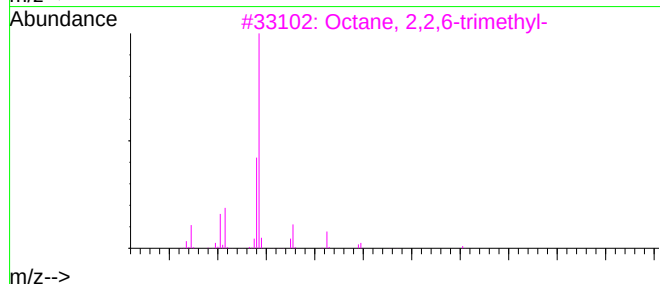
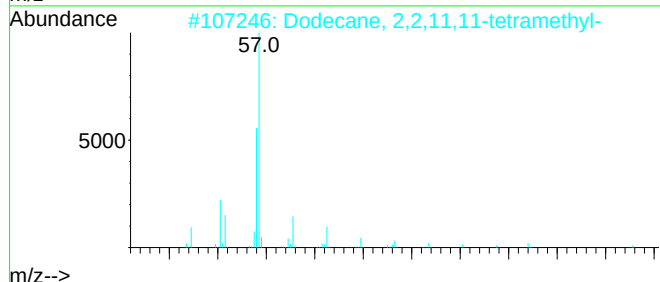
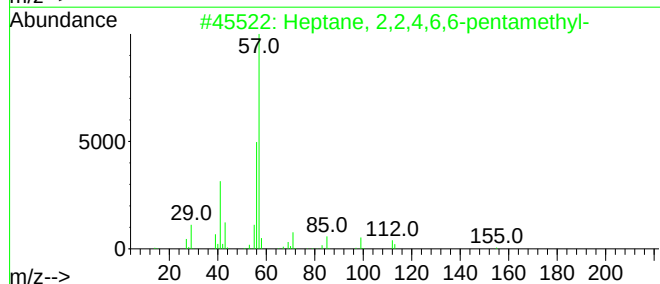
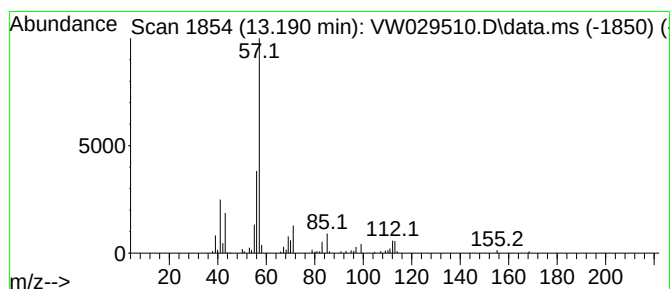
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.190	23.61 ug/L	46594	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72
2	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
3	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
4	Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	59
5	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	59



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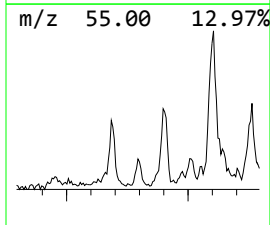
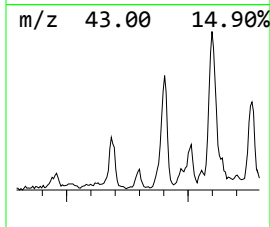
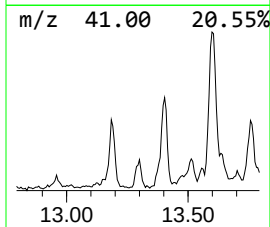
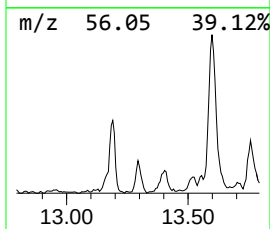
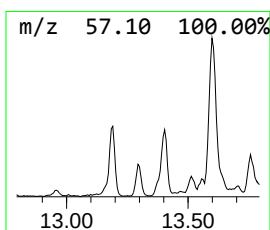
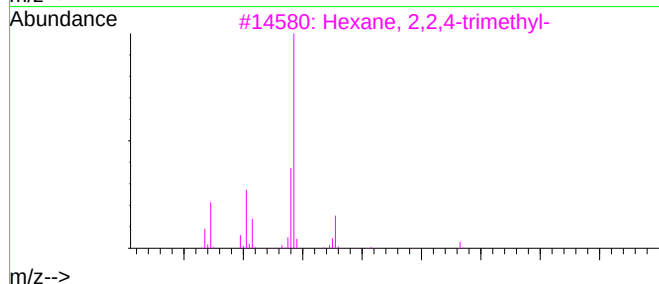
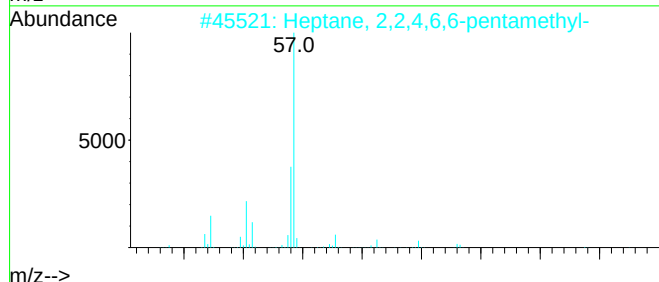
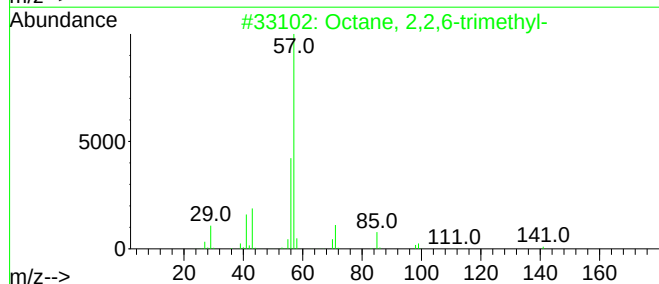
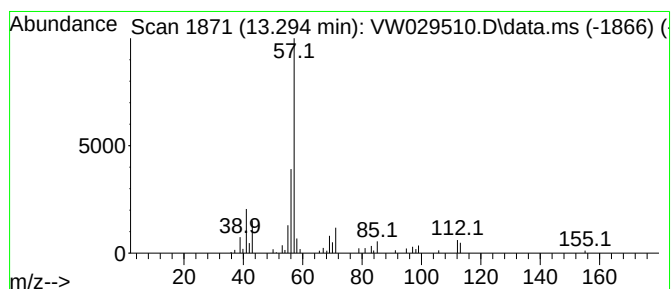
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.294	10.59 ug/L	20897	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	72
2	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	53
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	45



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

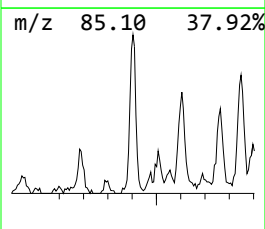
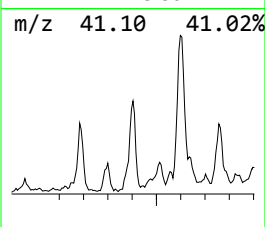
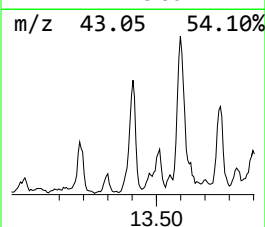
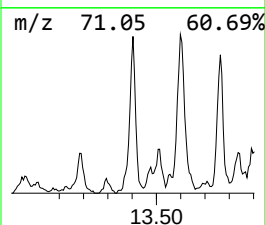
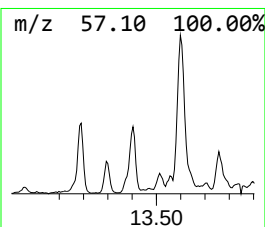
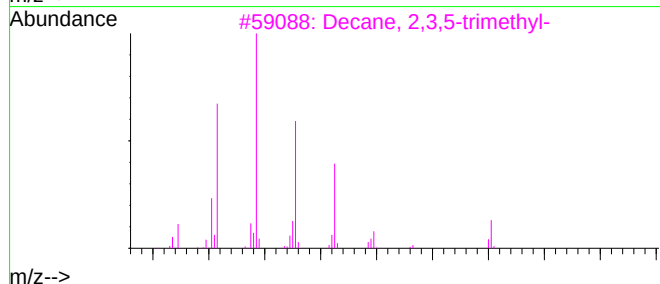
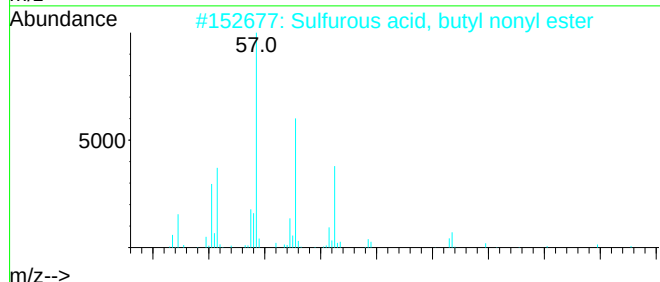
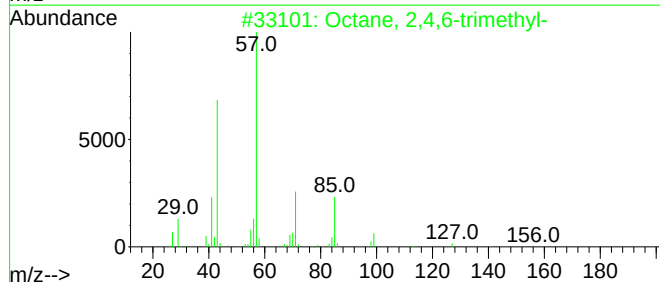
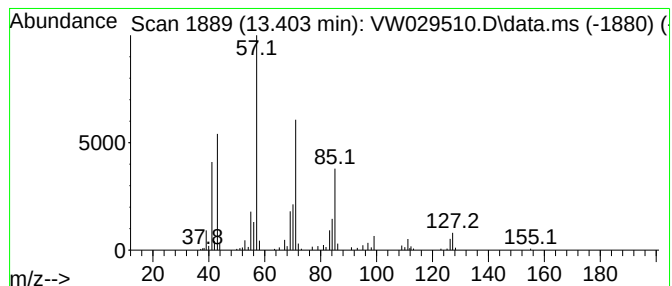
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.403	42.89 ug/L	84649	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
4	Pentan-2-yl 2-methylbutanoate	172	C10H20O2	1000372-71-7	53
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071024\
Data File : VW029510.D
Acq On : 10 Jul 2024 16:38
Operator : SY/MD
Sample : P3177-16
Misc : 5.40g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4BY2

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

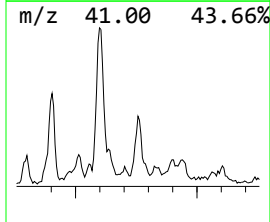
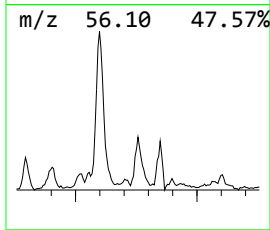
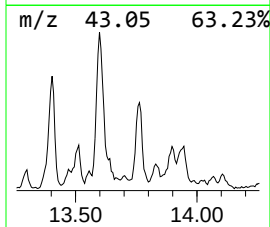
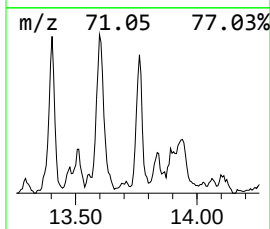
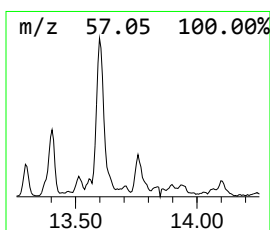
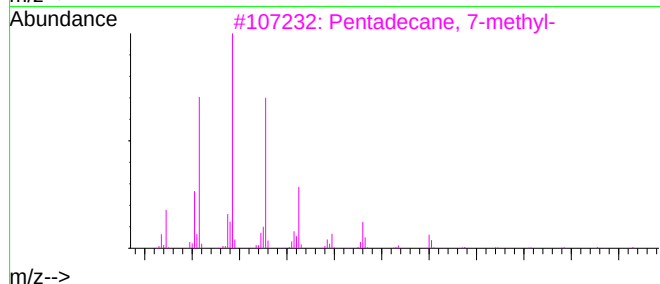
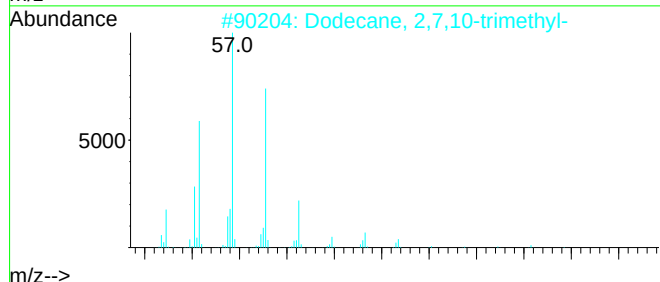
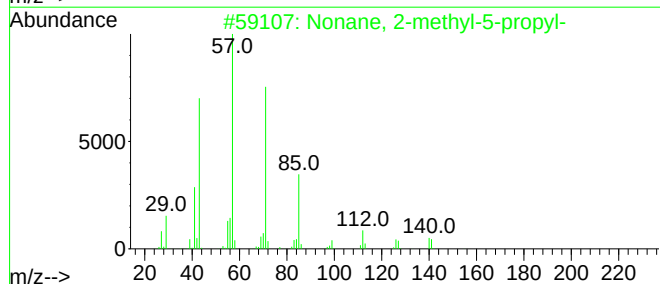
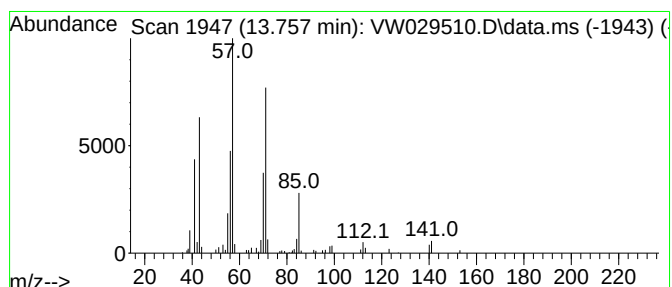
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TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	26.85 ug/L	52993	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	50
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071024\
Data File : VW029510.D
Acq On : 10 Jul 2024 16:38
Operator : SY/MD
Sample : P3177-16
Misc : 5.40g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4BY2

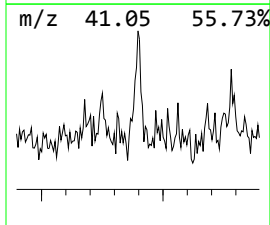
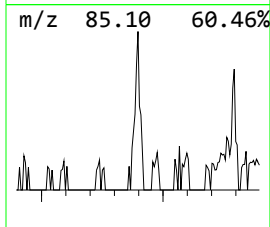
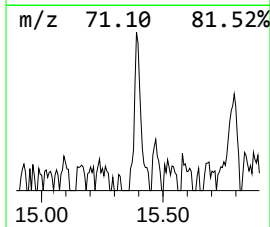
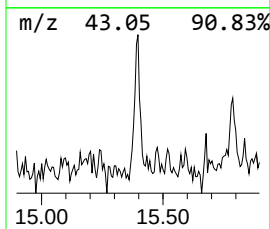
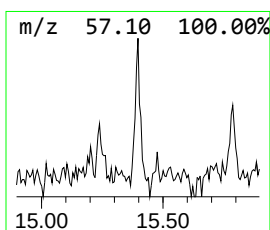
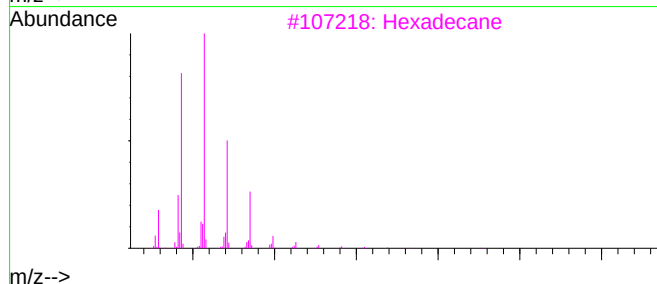
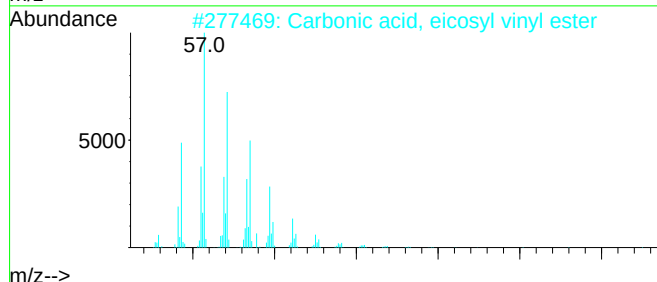
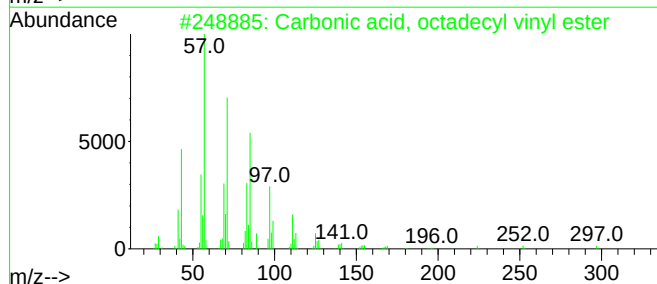
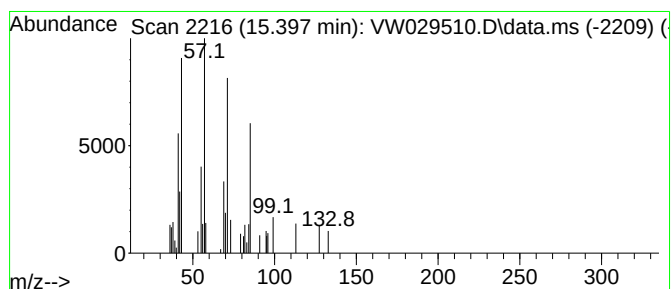
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 9 Carbonic acid, octadecyl vi... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.397	4.16 ug/L	8212	1,4-Dichlorobenzene-d4		13.556	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	53
2		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	53
3		Hexadecane	226	C16H34	000544-76-3	53
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53
5		Eicosyl isobutyl ether	354	C24H50O	1000406-33-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071024\
Data File : VW029510.D
Acq On : 10 Jul 2024 16:38
Operator : SY/MD
Sample : P3177-16
Misc : 5.40g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4BY2

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	13.190	23.6	ug/L	46594	3	13.556	49339	25.0
(DEL) Alkane: S...	13.294	10.6	ug/L	20897	3	13.556	49339	25.0
(DEL) Alkane: S...	13.403	42.9	ug/L	84649	3	13.556	49339	25.0
(DEL) Alkane: S...	13.757	26.9	ug/L	52993	3	13.556	49339	25.0
Carbonic acid, ...	15.397	4.2	ug/L	8212	3	13.556	49339	25.0