

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071024\
 Data File : VW029503.D
 Acq On : 10 Jul 2024 13:50
 Operator : SY/MD
 Sample : P3177-09RE
 Misc : 5.40g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4BS7RE

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: VW029503.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	71	78	97	rBV	68500	179550	15.01%	2.665%
2	2.899	158	166	182	rBV	52966	158553	13.25%	2.354%
3	3.393	243	247	250	rBV6	856	1111	0.09%	0.016%
4	3.497	262	264	267	rVB3	629	626	0.05%	0.009%
5	3.533	268	270	272	rBV2	628	526	0.04%	0.008%
6	3.558	272	274	277	rVB4	584	586	0.05%	0.009%
7	3.832	315	319	322	rVB4	475	784	0.07%	0.012%
8	3.862	322	324	327	rBV3	552	609	0.05%	0.009%
9	3.923	332	334	336	rBV2	597	636	0.05%	0.009%
10	4.021	338	350	374	rBV	125554	430638	36.00%	6.392%
11	4.429	415	417	421	rBV4	434	646	0.05%	0.010%
12	4.624	441	449	450	rBV6	841	1848	0.15%	0.027%
13	4.643	450	452	454	rVB3	688	549	0.05%	0.008%
14	4.765	470	472	476	rBV5	431	599	0.05%	0.009%
15	4.923	486	498	506	rBV2	12546	48007	4.01%	0.713%
16	5.515	590	595	598	rVB	564	895	0.07%	0.013%
17	5.813	639	644	647	rVB2	550	887	0.07%	0.013%
18	5.856	647	651	655	rBV3	433	949	0.08%	0.014%
19	5.947	655	666	674	rVB7	2908	9106	0.76%	0.135%
20	6.380	733	737	738	rVB4	407	500	0.04%	0.007%
21	6.490	751	755	757	rVB3	609	595	0.05%	0.009%
22	6.527	757	761	764	rBV2	377	662	0.06%	0.010%
23	6.929	821	827	834	rVB5	808	2428	0.20%	0.036%
24	7.081	844	852	859	rBV	22376	71927	6.01%	1.068%
25	7.283	881	885	889	rVB3	367	702	0.06%	0.010%
26	7.417	905	907	910	rBV3	427	523	0.04%	0.008%
27	7.648	935	945	957	rVV	205676	499149	41.72%	7.409%
28	7.874	979	982	985	rVV4	380	554	0.05%	0.008%
29	8.276	1037	1048	1063	rBV2	399557	1196351	100.00%	17.759%
30	8.551	1089	1093	1095	rVB3	577	662	0.06%	0.010%
31	8.575	1095	1097	1099	rBV2	385	503	0.04%	0.007%
32	8.630	1104	1106	1113	rVV6	374	669	0.06%	0.010%
33	8.691	1113	1116	1122	rVB6	1173	1970	0.16%	0.029%
34	8.843	1132	1141	1155	rBV	347973	700484	58.55%	10.398%
35	9.038	1167	1173	1175	rBV6	2020	3561	0.30%	0.053%
36	9.136	1187	1189	1192	rVB3	766	880	0.07%	0.013%

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Integrator: RTE

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

37	9.270	1202	1211	1220	rBV	272613	567083	47.40%	8.418%
38	9.520	1249	1252	1254	rVB4	521	564	0.05%	0.008%
39	9.745	1286	1289	1292	rBV3	676	1045	0.09%	0.016%
40	9.886	1309	1312	1314	rVV4	965	1151	0.10%	0.017%
41	9.941	1318	1321	1324	rBV2	492	771	0.06%	0.011%
42	10.032	1329	1336	1347	rVB	111649	202917	16.96%	3.012%
43	10.319	1375	1383	1400	rVV	449384	804747	67.27%	11.946%
44	10.501	1409	1413	1414	rVB2	571	521	0.04%	0.008%
45	10.575	1418	1425	1436	rVV	72110	129253	10.80%	1.919%
46	10.703	1440	1446	1453	rVB2	6698	12544	1.05%	0.186%
47	10.758	1453	1455	1457	rBV3	723	960	0.08%	0.014%
48	10.843	1464	1469	1476	rBV6	2296	4028	0.34%	0.060%
49	10.922	1476	1482	1496	rBV2	87904	186650	15.60%	2.771%
50	11.172	1518	1523	1529	rVB5	4165	7628	0.64%	0.113%
51	11.343	1546	1551	1554	rVB7	1020	1474	0.12%	0.022%
52	11.404	1554	1561	1568	rVB5	2982	5515	0.46%	0.082%
53	11.526	1576	1581	1584	rBV3	563	772	0.06%	0.011%
54	11.629	1588	1598	1606	rBV	307194	524411	43.83%	7.784%
55	11.837	1626	1632	1634	rBV5	866	1607	0.13%	0.024%
56	12.062	1666	1669	1671	rBV4	929	1230	0.10%	0.018%
57	12.160	1682	1685	1686	rVV2	498	548	0.05%	0.008%
58	12.184	1686	1689	1694	rVB7	726	1170	0.10%	0.017%
59	12.361	1714	1718	1719	rBV3	325	526	0.04%	0.008%
60	12.605	1746	1758	1764	rBV2	18415	37021	3.09%	0.550%
61	12.690	1764	1772	1779	rBV	152827	251100	20.99%	3.727%
62	12.745	1779	1781	1788	rVB4	2102	3726	0.31%	0.055%
63	12.843	1792	1797	1798	rBV3	337	540	0.05%	0.008%
64	12.879	1800	1803	1806	rVB4	986	1130	0.09%	0.017%
65	12.958	1806	1816	1821	rBV4	4764	11826	0.99%	0.176%
66	13.013	1821	1825	1826	rBV2	829	850	0.07%	0.013%
67	13.038	1826	1829	1832	rVB4	2038	2081	0.17%	0.031%
68	13.080	1832	1836	1841	rVB6	2031	3088	0.26%	0.046%
69	13.190	1845	1854	1861	rVB	10490	19657	1.64%	0.292%
70	13.269	1861	1867	1870	rBV2	8321	15370	1.28%	0.228%
71	13.403	1879	1889	1894	rBV	16322	30165	2.52%	0.448%
72	13.464	1897	1899	1900	rBV2	962	593	0.05%	0.009%
73	13.507	1902	1906	1908	rBV4	3079	4513	0.38%	0.067%
74	13.556	1908	1914	1918	rBV	131019	211186	17.65%	3.135%
75	13.757	1941	1947	1955	rBV3	9602	22007	1.84%	0.327%
76	13.848	1955	1962	1968	rBV	167258	278082	23.24%	4.128%

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 Title : SFAM01.0

77	13.897	1968	1970	1975	rVB2	6043	6583	0.55%	0.098%
78	14.013	1985	1989	1992	rBV5	1741	2846	0.24%	0.042%
79	14.062	1992	1997	2002	rBV2	10612	16797	1.40%	0.249%
80	14.184	2015	2017	2022	rVB5	991	1415	0.12%	0.021%
81	14.232	2024	2025	2029	rVV4	644	969	0.08%	0.014%
82	14.324	2035	2040	2049	rVB8	2533	6576	0.55%	0.098%
83	14.409	2051	2054	2055	rBV3	852	726	0.06%	0.011%
84	14.489	2064	2067	2068	rBV3	1990	1854	0.15%	0.028%
85	14.635	2090	2091	2094	rBV3	758	563	0.05%	0.008%
86	14.684	2094	2099	2102	rBV4	4574	7579	0.63%	0.113%
87	14.714	2102	2104	2109	rVB3	4743	5745	0.48%	0.085%
88	14.867	2128	2129	2132	rBV2	620	566	0.05%	0.008%
89	14.934	2135	2140	2143	rBV6	649	1268	0.11%	0.019%
90	15.092	2164	2166	2169	rBV3	922	995	0.08%	0.015%
91	15.135	2171	2173	2176	rBV4	481	515	0.04%	0.008%
92	15.336	2204	2206	2208	rBV2	829	792	0.07%	0.012%
93	15.397	2212	2216	2220	rVB4	1672	2929	0.24%	0.043%
94	15.476	2225	2229	2233	rBV6	1725	2882	0.24%	0.043%
95	15.537	2237	2239	2241	rBV3	674	590	0.05%	0.009%
96	15.757	2272	2275	2277	rBV4	1112	1504	0.13%	0.022%
97	16.025	2316	2319	2322	rBV5	862	1027	0.09%	0.015%
98	16.092	2326	2330	2332	rBV5	1011	1193	0.10%	0.018%
99	16.208	2347	2349	2351	rBV3	901	899	0.08%	0.013%
100	16.360	2371	2374	2375	rBV3	633	531	0.04%	0.008%

Sum of corrected areas: 6736619

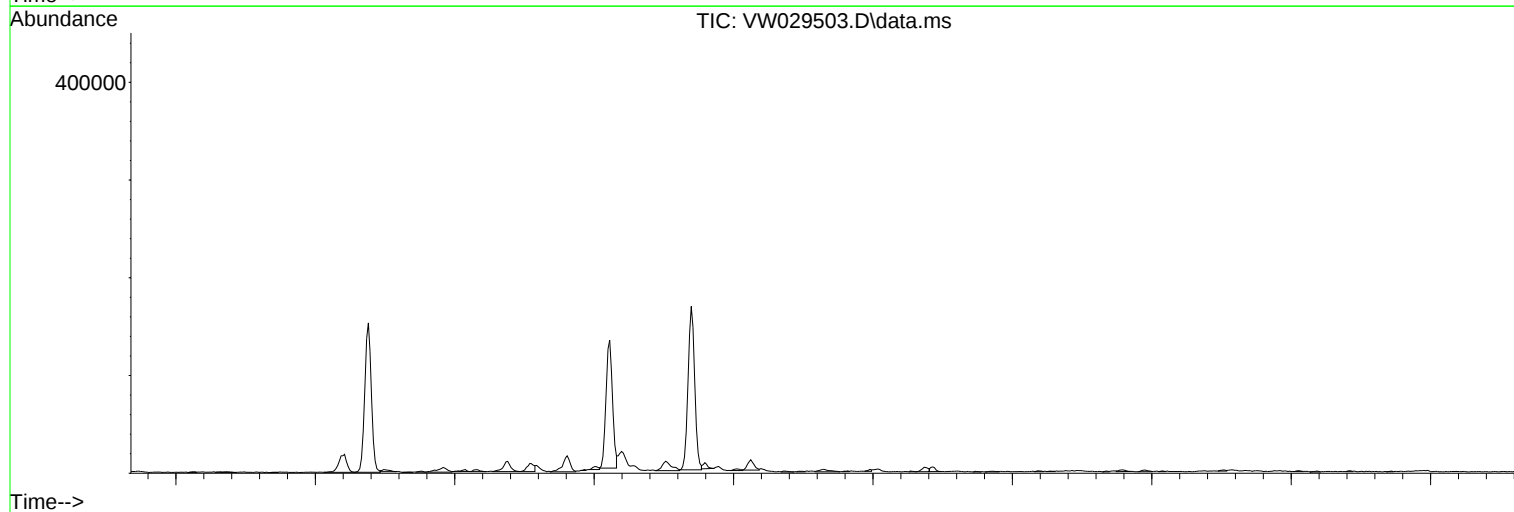
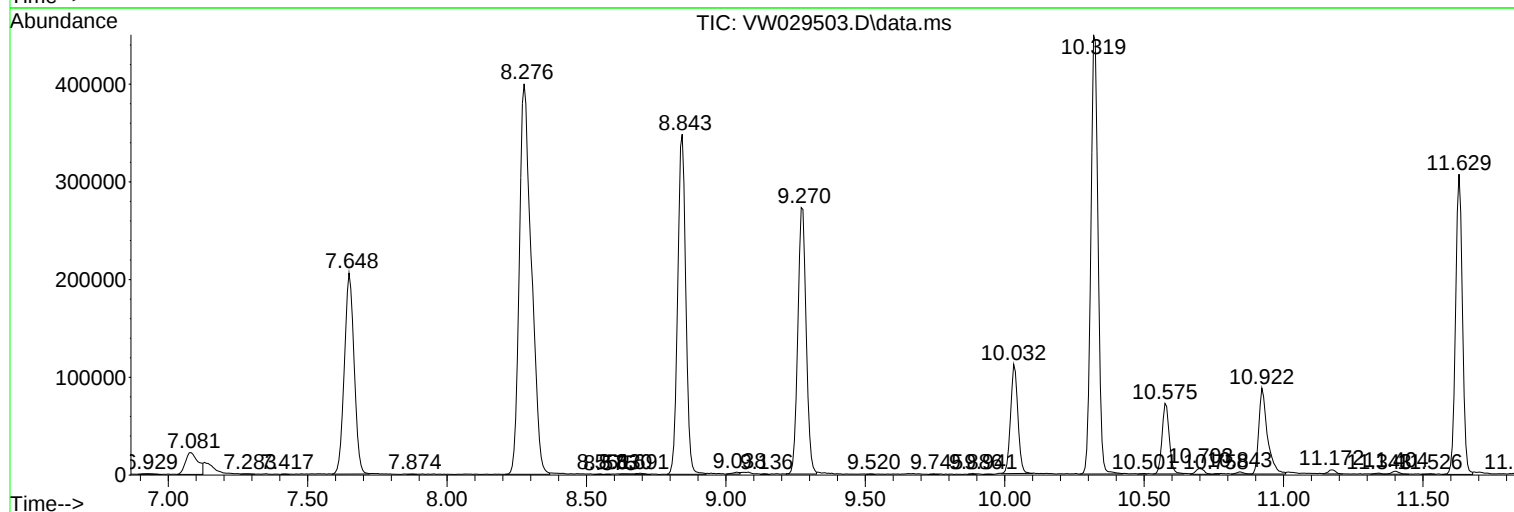
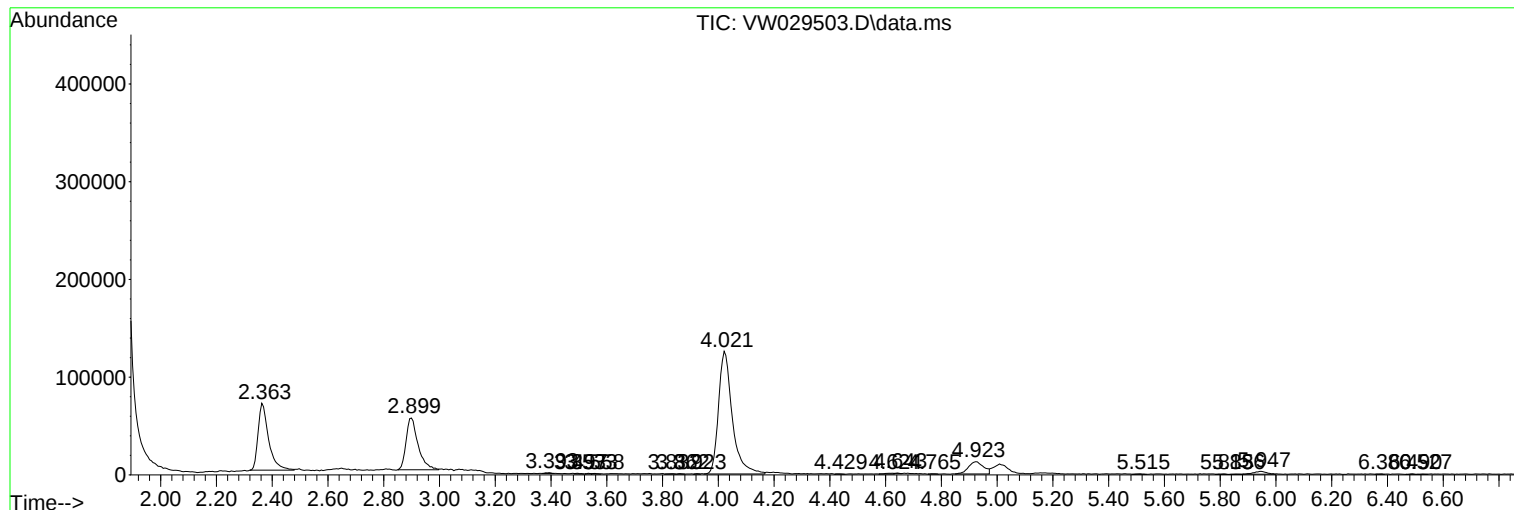
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4BS7RE

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071024\
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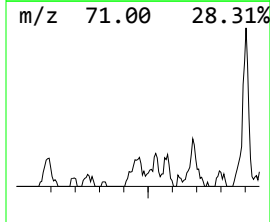
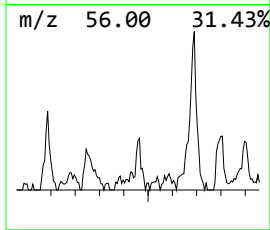
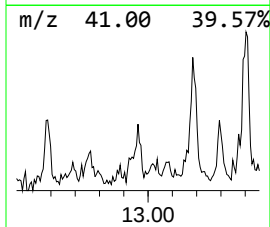
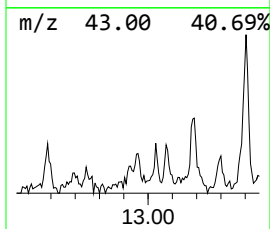
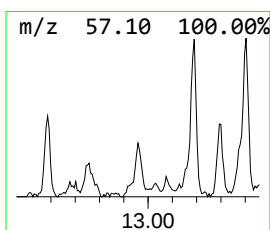
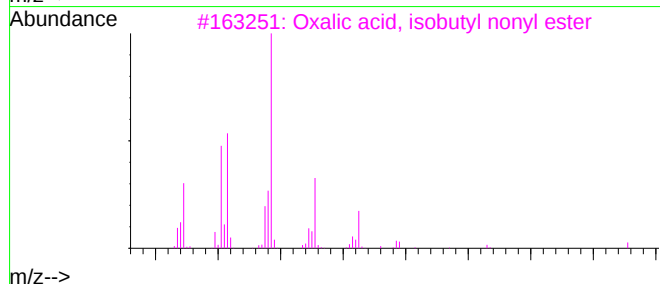
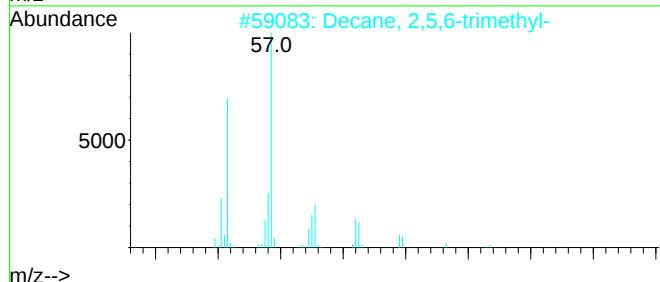
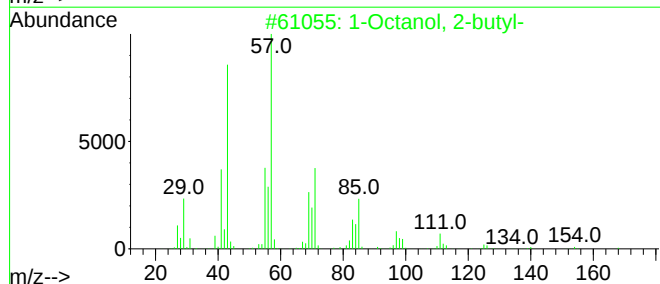
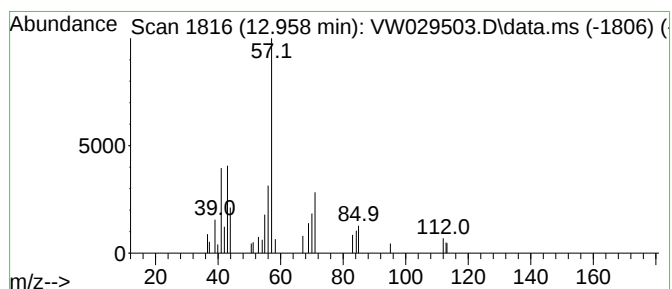
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Octanol, 2-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.958	1.40 ug/L	11826	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	53
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	47
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	47
4	Oxirane, 2-[(decyloxy)methyl]-	214	C13H26O2	003497-06-1	42
5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	38



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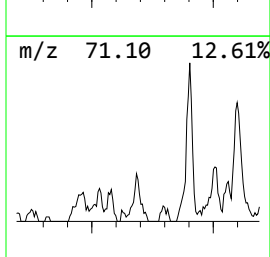
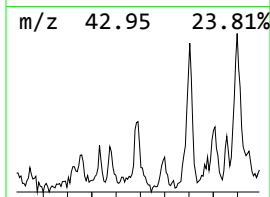
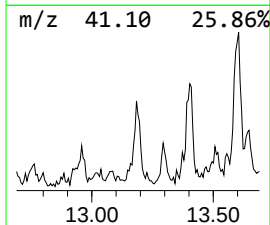
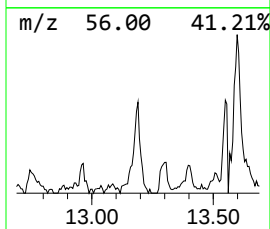
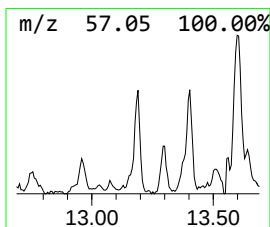
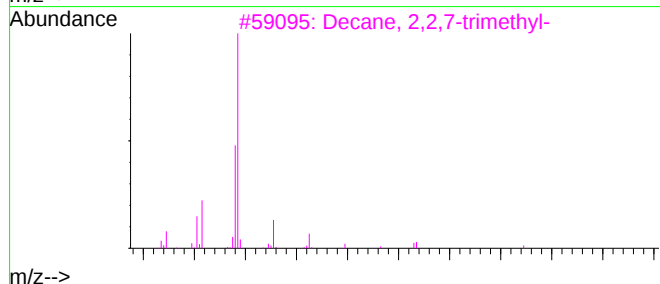
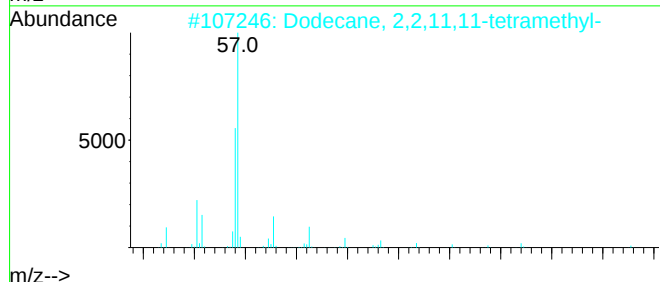
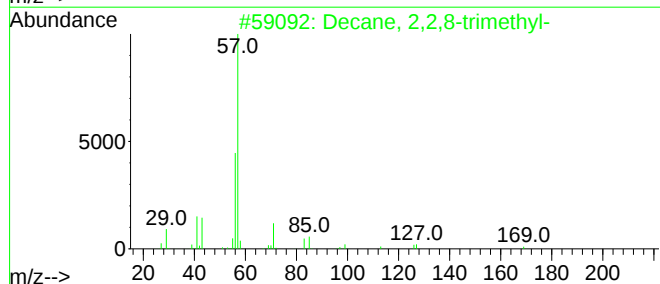
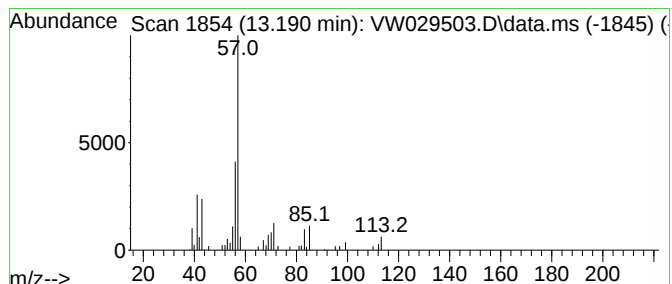
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.190	2.33 ug/L	19657	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	78
2	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
3	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	64
4	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	64
5	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	64



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

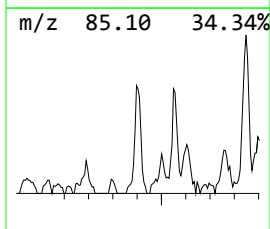
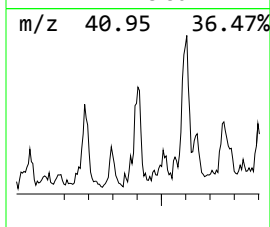
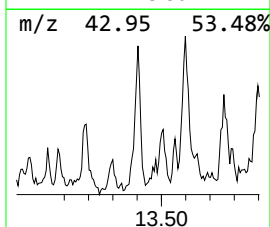
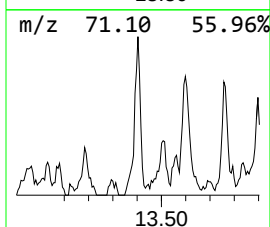
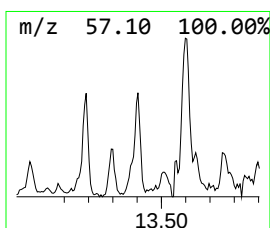
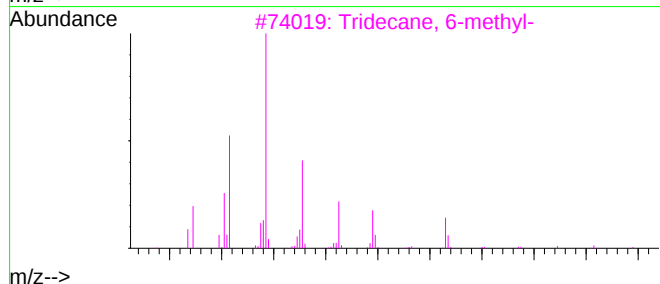
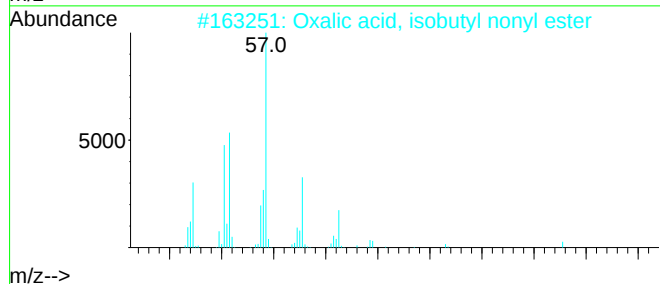
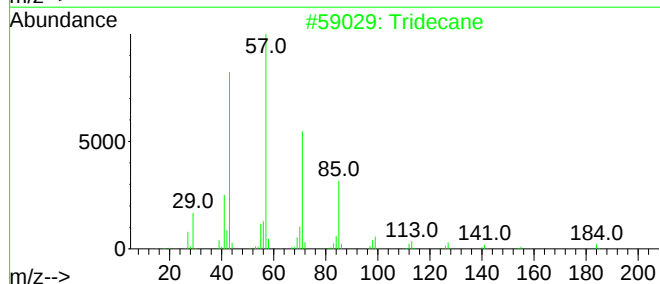
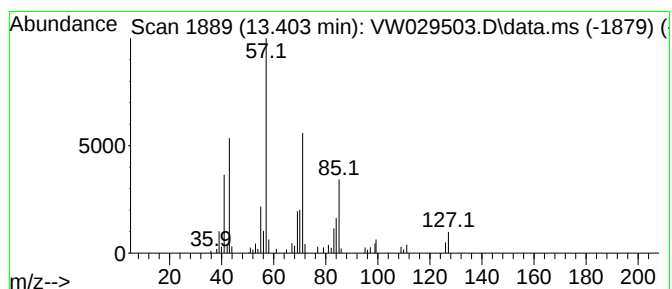
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.403	3.57 ug/L	30165	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	53
2	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	53
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50
5	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071024\
Data File : VW029503.D
Acq On : 10 Jul 2024 13:50
Operator : SY/MD
Sample : P3177-09RE
Misc : 5.40g/10mL/MSVOA_W/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4BS7RE

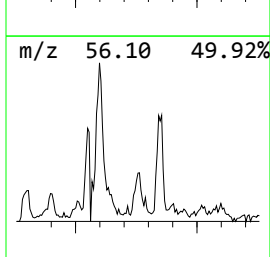
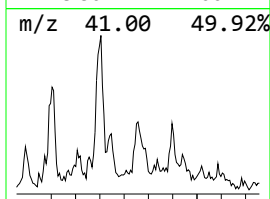
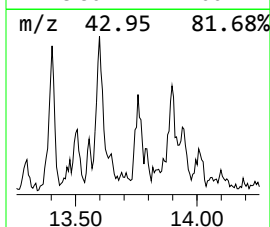
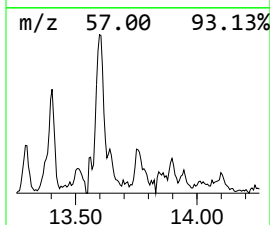
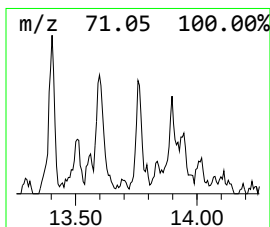
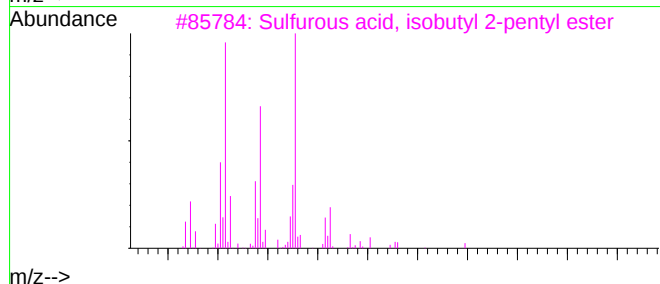
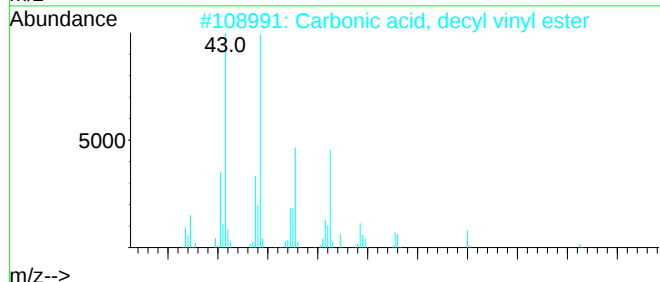
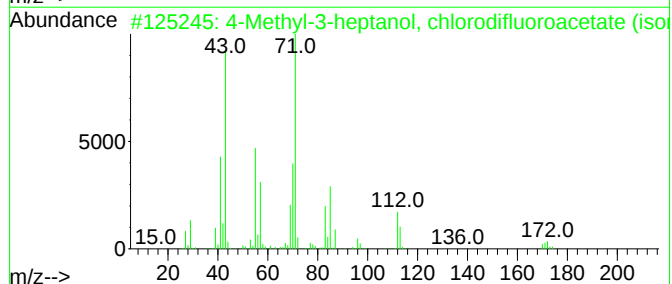
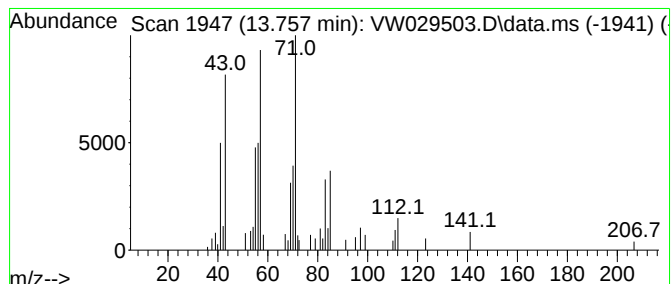
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 4-Methyl-3-heptanol, chloro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.757	2.61 ug/L	22007	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-27-4	53
2	Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	53
3	Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	50
4	Octane, 3-ethyl-	142	C10H22	005881-17-4	50
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071024\
Data File : VW029503.D
Acq On : 10 Jul 2024 13:50
Operator : SY/MD
Sample : P3177-09RE
Misc : 5.40g/10mL/MSVOA_W/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4BS7RE

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
1-Octanol, 2-bu...	12.958	1.4	ug/L	11826	3	13.556	211186	25.0
(DEL) Alkane: S...	13.190	2.3	ug/L	19657	3	13.556	211186	25.0
(DEL) Alkane: S...	13.403	3.6	ug/L	30165	3	13.556	211186	25.0
4-Methyl-3-hept...	13.757	2.6	ug/L	22007	3	13.556	211186	25.0