

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
 Data File : VW027398.D
 Acq On : 23 Oct 2023 16:26
 Operator : SY/MD
 Sample : 04961-06
 Misc : 5.74g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LJ2

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\SFAMWLM101123SMA.M
 Title : SFAM01.0

Signal : TIC: VW027398.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.180	44	48	49	rBV	6695	8055	0.03%	0.021%
2	2.369	72	79	94	rBV	88977	228658	0.85%	0.583%
3	2.893	159	165	182	rVB	71103	192353	0.71%	0.491%
4	3.393	240	247	260	rVB2	13336	37790	0.14%	0.096%
5	3.698	296	297	300	rVB3	1621	1281	0.00%	0.003%
6	3.747	300	305	307	rBV6	811	1274	0.00%	0.003%
7	3.795	311	313	317	rVB3	1275	1283	0.00%	0.003%
8	4.021	339	350	377	rVV	171634	576285	2.14%	1.470%
9	4.216	380	382	385	rVV4	1024	1235	0.00%	0.003%
10	4.411	411	414	416	rBV4	1043	1080	0.00%	0.003%
11	4.490	425	427	433	rVB6	1221	1723	0.01%	0.004%
12	4.545	433	436	441	rVB6	804	1557	0.01%	0.004%
13	4.625	447	449	453	rBV5	1034	1213	0.00%	0.003%
14	4.838	479	484	486	rBV5	864	1496	0.01%	0.004%
15	4.917	486	497	498	rBV2	14621	31939	0.12%	0.081%
16	5.143	531	534	536	rBV4	1260	1382	0.01%	0.004%
17	5.246	548	551	553	rBV4	1137	1171	0.00%	0.003%
18	5.350	565	568	569	rBV4	1130	1445	0.01%	0.004%
19	5.429	574	581	582	rBV5	3492	7350	0.03%	0.019%
20	5.533	595	598	602	rVB4	960	1241	0.00%	0.003%
21	5.771	634	637	639	rBV4	1168	1595	0.01%	0.004%
22	5.941	657	665	675	rVV4	8599	26869	0.10%	0.069%
23	6.216	705	710	711	rVV3	1229	1641	0.01%	0.004%
24	6.234	711	713	716	rVB4	1242	1486	0.01%	0.004%
25	6.362	729	734	737	rBV6	764	1311	0.00%	0.003%
26	6.892	815	821	822	rBV5	677	1068	0.00%	0.003%
27	6.978	831	835	842	rBV4	3989	8966	0.03%	0.023%
28	7.081	843	852	859	rBV	65741	185358	0.69%	0.473%
29	7.648	935	945	959	rVB	319524	767462	2.85%	1.957%
30	7.898	984	986	987	rBV2	1249	1040	0.00%	0.003%
31	8.026	1004	1007	1009	rBV4	1076	1250	0.00%	0.003%
32	8.161	1023	1029	1034	rBV6	3062	6502	0.02%	0.017%
33	8.276	1036	1048	1063	rBV2	617988	1813457	6.73%	4.625%
34	8.569	1092	1096	1099	rBV5	2505	4091	0.02%	0.010%
35	8.630	1103	1106	1109	rBV5	1675	2353	0.01%	0.006%
36	8.691	1110	1116	1125	rVB	8188	17257	0.06%	0.044%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
 Data File : VW027398.D
 Acq On : 23 Oct 2023 16:26
 Operator : SY/MD
 Sample : 04961-06
 Misc : 5.74g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LJ2

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\SFAMWLM101123SMA.M
 Title : SFAM01.0

37	8.837	1131	1140	1154	rBV	631588	1276145	4.73%	3.255%
38	9.093	1167	1182	1195	rBV	404412	819119	3.04%	2.089%
39	9.270	1203	1211	1219	rBV	424245	860114	3.19%	2.194%
40	9.514	1248	1251	1257	rVB7	1870	3138	0.01%	0.008%
41	9.605	1259	1266	1270	rVB8	1641	2895	0.01%	0.007%
42	9.666	1270	1276	1283	rBV9	2498	7066	0.03%	0.018%
43	9.758	1283	1291	1295	rVB9	1479	3350	0.01%	0.009%
44	9.922	1316	1318	1320	rBV3	994	1218	0.00%	0.003%
45	9.953	1320	1323	1328	rVB6	2411	3089	0.01%	0.008%
46	10.032	1328	1336	1347	rBV	223509	401996	1.49%	1.025%
47	10.215	1363	1366	1370	rVB6	1425	2106	0.01%	0.005%
48	10.319	1375	1383	1391	rBV	663759	1187864	4.41%	3.030%
49	10.386	1391	1394	1401	rVB	17412	29136	0.11%	0.074%
50	10.502	1409	1413	1418	rVB3	5555	9632	0.04%	0.025%
51	10.575	1418	1425	1435	rBV	134216	228412	0.85%	0.583%
52	10.697	1441	1445	1451	rVB4	4880	9982	0.04%	0.025%
53	10.739	1451	1452	1454	rBV2	1086	1052	0.00%	0.003%
54	10.770	1454	1457	1459	rBV4	1133	1311	0.00%	0.003%
55	10.861	1463	1472	1479	rBV	15478991	26958156	100.00%	68.757%
56	10.922	1479	1482	1496	rVB	262936	413795	1.53%	1.055%
57	11.379	1554	1557	1558	rBV3	1327	1674	0.01%	0.004%
58	11.410	1558	1562	1566	rVB7	3043	5218	0.02%	0.013%
59	11.507	1572	1578	1586	rVB8	3018	6255	0.02%	0.016%
60	11.629	1589	1598	1607	rBV	651234	1084651	4.02%	2.766%
61	11.733	1610	1615	1623	rVB2	7512	14424	0.05%	0.037%
62	11.837	1625	1632	1638	rBV2	17202	33368	0.12%	0.085%
63	11.977	1651	1655	1657	rVB5	1086	1561	0.01%	0.004%
64	12.013	1657	1661	1663	rBV5	1068	1156	0.00%	0.003%
65	12.166	1676	1686	1692	rBV3	7847	21178	0.08%	0.054%
66	12.251	1696	1700	1705	rVB5	4432	7388	0.03%	0.019%
67	12.300	1705	1708	1711	rBV5	1198	1862	0.01%	0.005%
68	12.355	1713	1717	1725	rVB5	6002	11326	0.04%	0.029%
69	12.471	1730	1736	1739	rBV6	2738	5584	0.02%	0.014%
70	12.538	1744	1747	1750	rVV5	2258	3124	0.01%	0.008%
71	12.605	1753	1758	1763	rVV	14452	25938	0.10%	0.066%
72	12.690	1765	1772	1779	rVB	268970	442198	1.64%	1.128%
73	12.769	1782	1785	1788	rBV5	1069	2014	0.01%	0.005%
74	12.861	1795	1800	1802	rBV5	2963	4271	0.02%	0.011%
75	12.928	1806	1811	1818	rVB4	10503	19393	0.07%	0.049%
76	13.160	1846	1849	1853	rVB3	3591	4192	0.02%	0.011%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
 Data File : VW027398.D
 Acq On : 23 Oct 2023 16:26
 Operator : SY/MD
 Sample : 04961-06
 Misc : 5.74g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LJ2

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\SFAMWLM101123SMA.M
 Title : SFAM01.0

77	13.251	1860	1864	1870	rVB3	3851	6124	0.02%	0.016%
78	13.343	1876	1879	1881	rBV4	1220	1472	0.01%	0.004%
79	13.440	1892	1895	1896	rBV3	1809	1891	0.01%	0.005%
80	13.501	1899	1905	1908	rVV	24221	38973	0.14%	0.099%
81	13.556	1908	1914	1921	rVB	343886	553733	2.05%	1.412%
82	13.647	1923	1929	1941	rVV	75224	139893	0.52%	0.357%
83	13.849	1956	1962	1968	rBV	229380	397450	1.47%	1.014%
84	14.007	1986	1988	1991	rBV4	2530	3216	0.01%	0.008%
85	14.062	1992	1997	2003	rVB2	15386	26590	0.10%	0.068%
86	14.324	2035	2040	2043	rBV7	4098	8517	0.03%	0.022%
87	14.416	2053	2055	2062	rVB7	2152	4228	0.02%	0.011%
88	14.519	2062	2072	2081	rBV3	19115	40164	0.15%	0.102%
89	14.714	2101	2104	2107	rBV3	7105	9225	0.03%	0.024%
90	14.787	2113	2116	2117	rBV3	1924	2326	0.01%	0.006%
91	14.830	2121	2123	2132	rVB9	4488	7471	0.03%	0.019%
92	15.196	2178	2183	2197	rBV	17322	36316	0.13%	0.093%
93	15.397	2210	2216	2224	rBV3	14551	26910	0.10%	0.069%
94	15.476	2224	2229	2235	rBV2	8696	16450	0.06%	0.042%
95	15.537	2237	2239	2243	rVB5	2951	3983	0.01%	0.010%
96	15.787	2276	2280	2285	rVB4	7730	12725	0.05%	0.032%
97	16.159	2339	2341	2343	rBV3	1519	1437	0.01%	0.004%
98	16.403	2379	2381	2384	rVB4	1428	1304	0.00%	0.003%
99	16.433	2384	2386	2388	rBV3	1807	1810	0.01%	0.005%
100	16.482	2388	2394	2401	rVB10	2805	7531	0.03%	0.019%

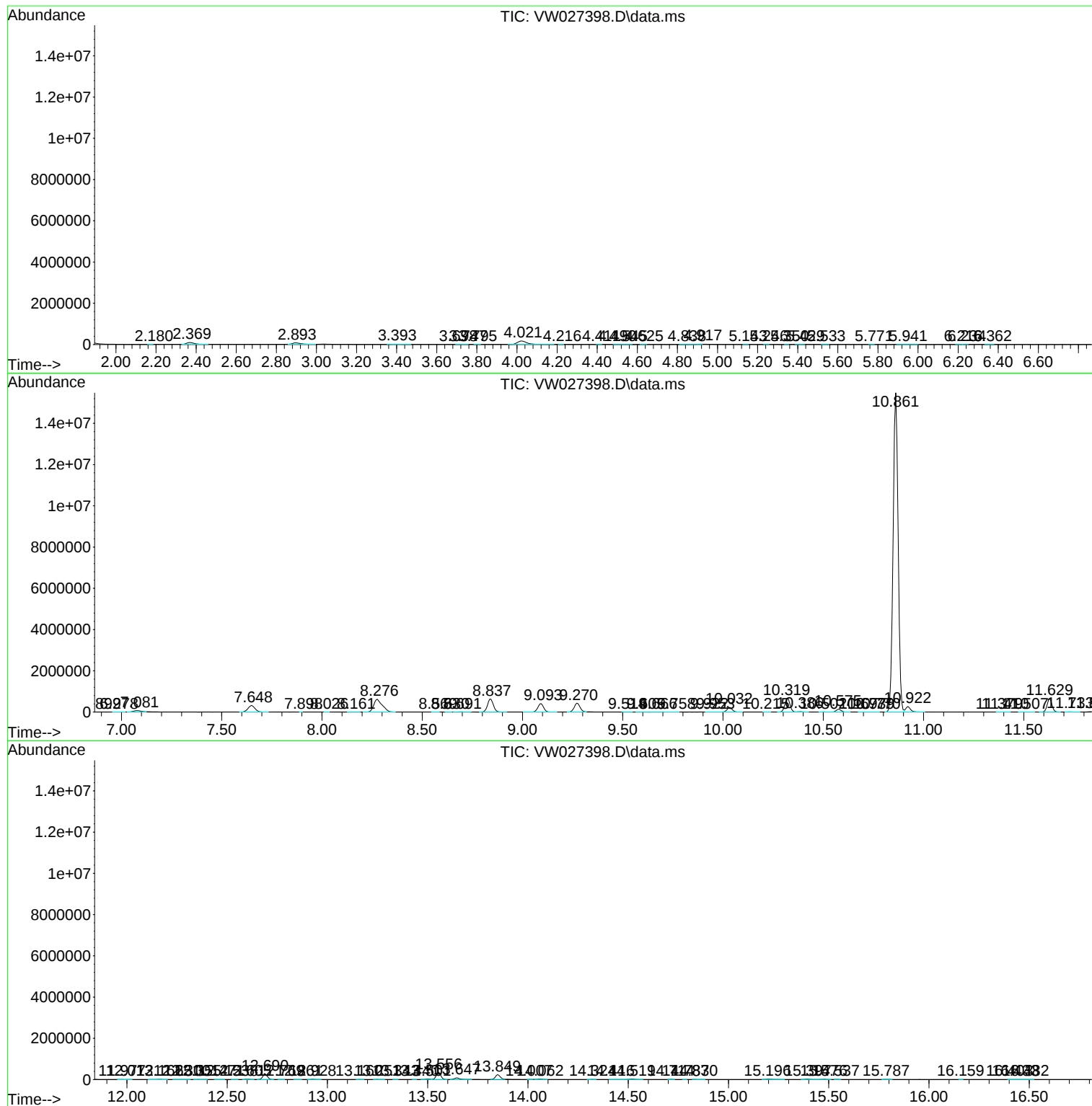
Sum of corrected areas: 39207607

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027398.D
Acq On : 23 Oct 2023 16:26
Operator : SY/MD
Sample : 04961-06
Misc : 5.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0LJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027398.D
Acq On : 23 Oct 2023 16:26
Operator : SY/MD
Sample : 04961-06
Misc : 5.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0LJ2

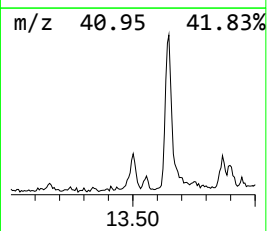
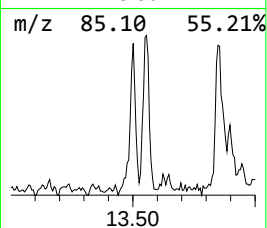
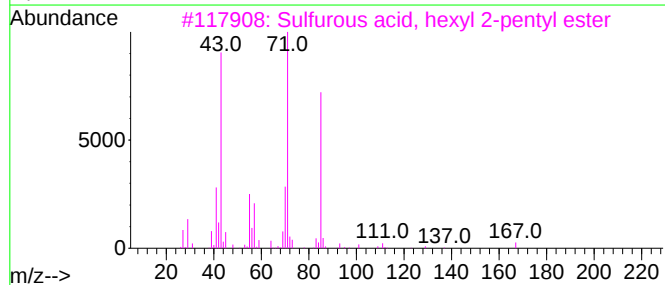
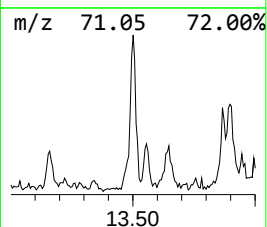
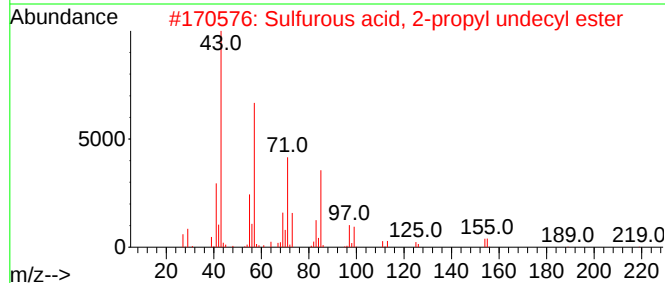
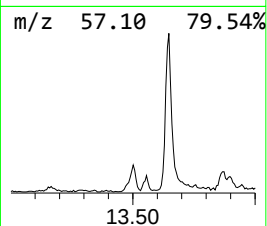
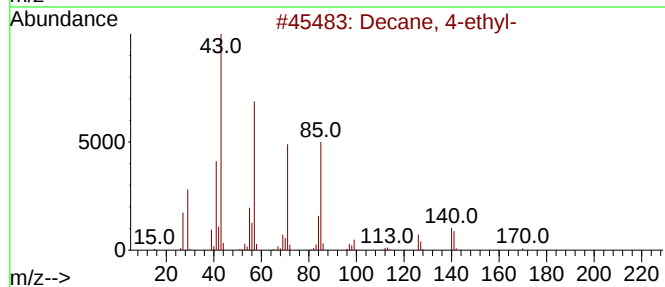
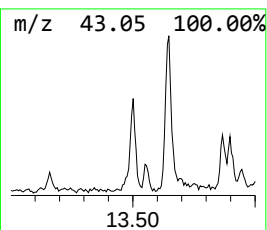
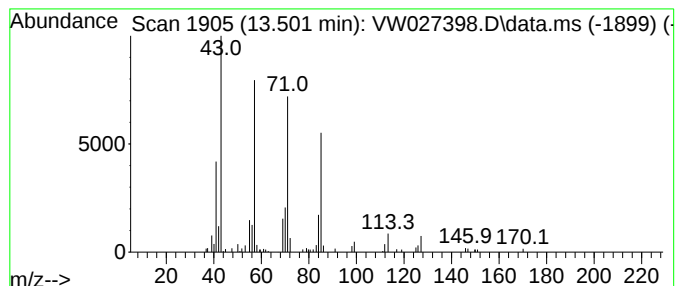
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.501	1.76 ug/L	38973	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 4-ethyl-	170	C12H26	001636-44-8	74
2		Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	53
3		Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	53
4		Tridecane, 5-methyl-	198	C14H30	025117-31-1	50
5		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027398.D
Acq On : 23 Oct 2023 16:26
Operator : SY/MD
Sample : 04961-06
Misc : 5.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0LJ2

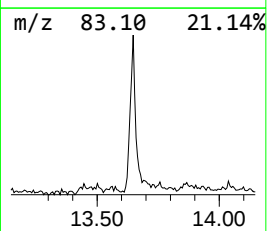
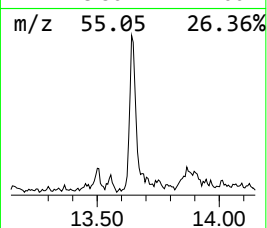
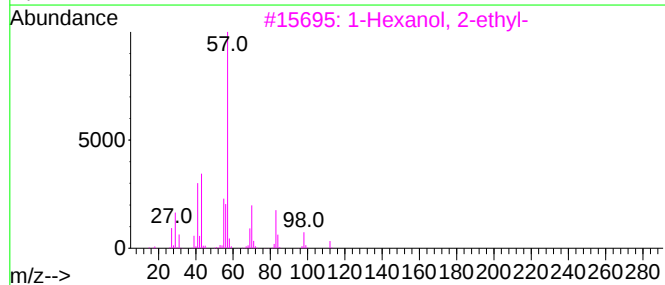
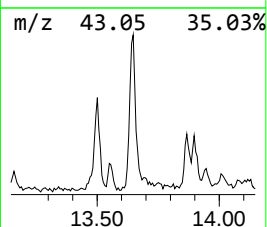
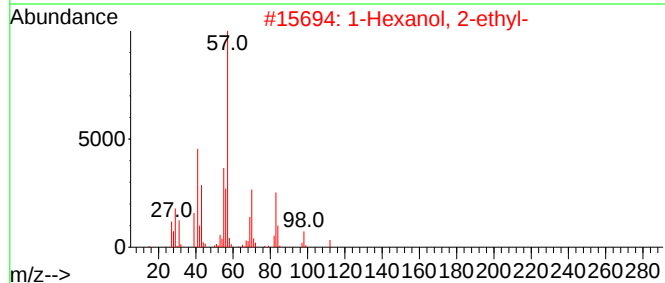
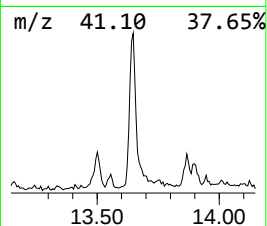
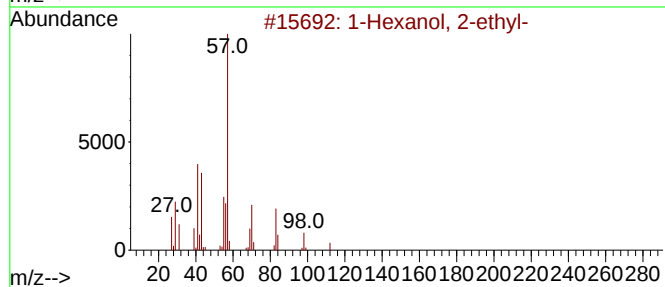
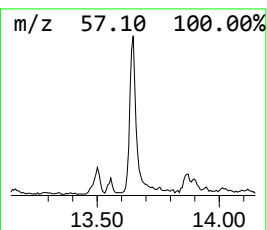
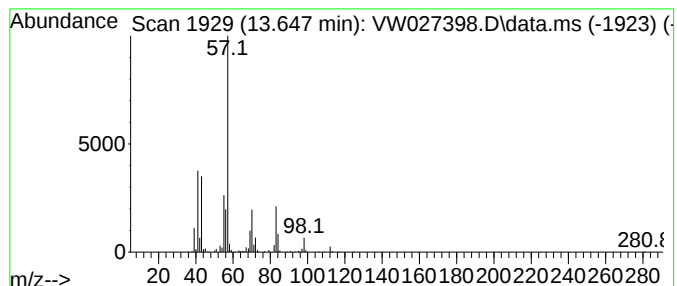
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.647	6.32 ug/L	139893	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027398.D
Acq On : 23 Oct 2023 16:26
Operator : SY/MD
Sample : 04961-06
Misc : 5.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0LJ2

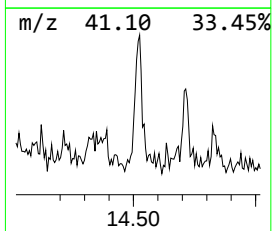
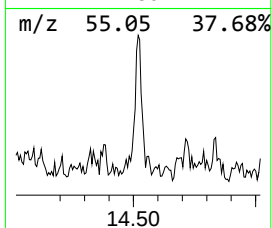
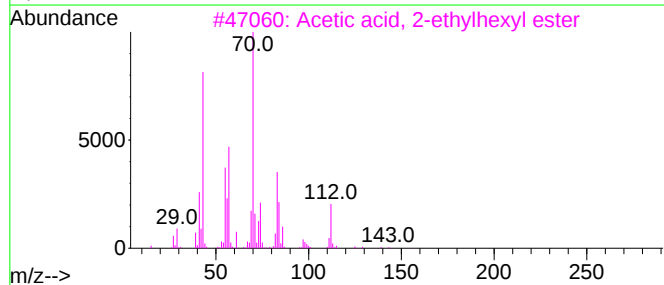
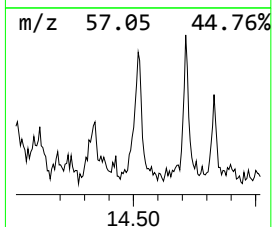
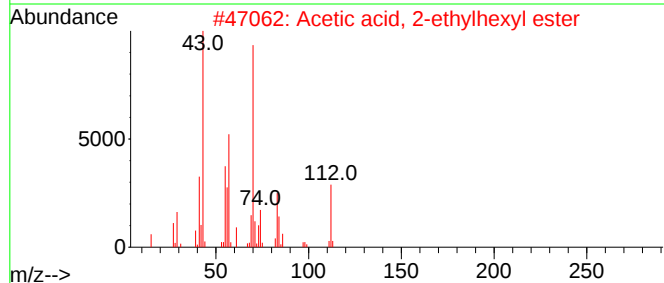
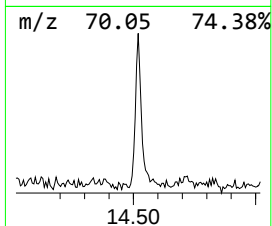
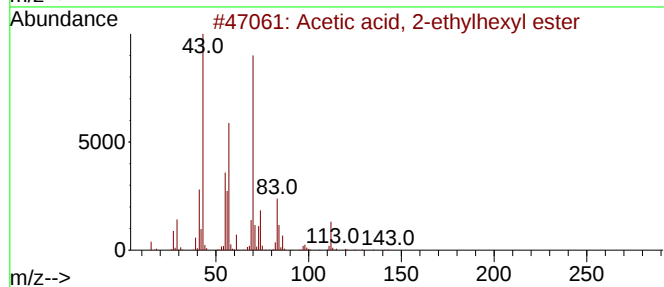
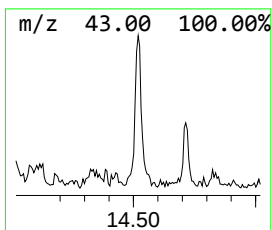
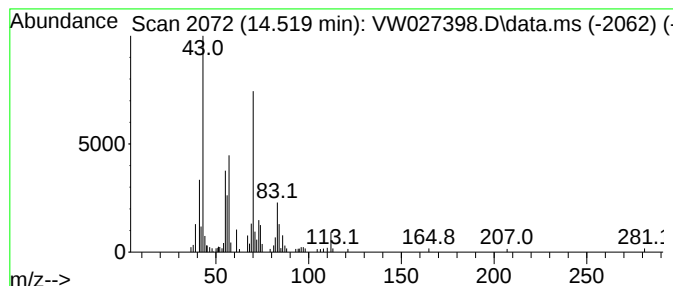
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Acetic acid, 2-ethylhexyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.519	1.81 ug/L	40164	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	91		
2	Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	90		
3	Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	83		
4	3-Methylheptyl acetate	172	C10H20O2	072218-58-7	78		
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	70		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027398.D
Acq On : 23 Oct 2023 16:26
Operator : SY/MD
Sample : 04961-06
Misc : 5.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0LJ2

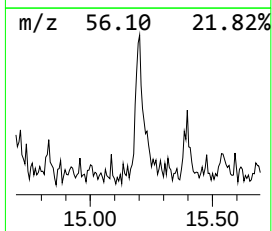
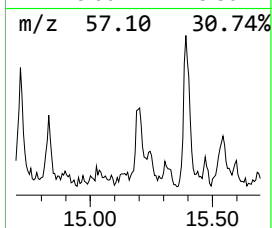
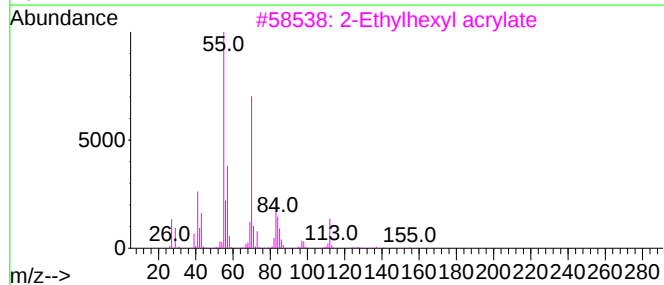
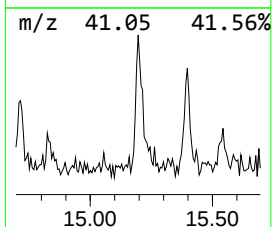
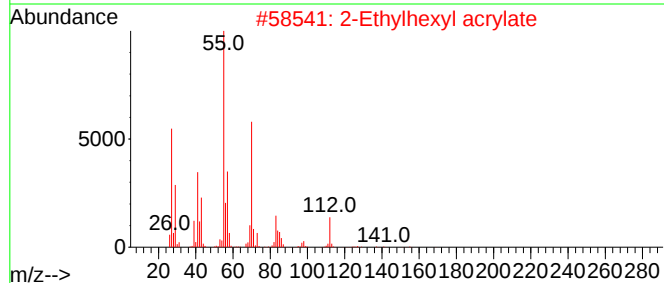
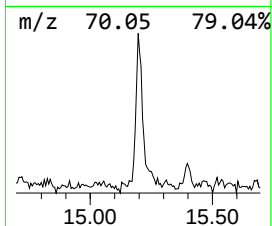
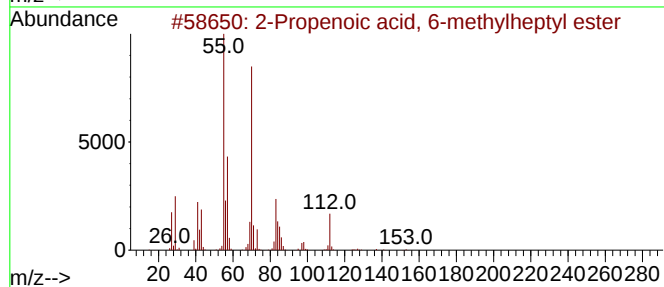
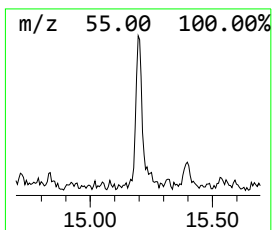
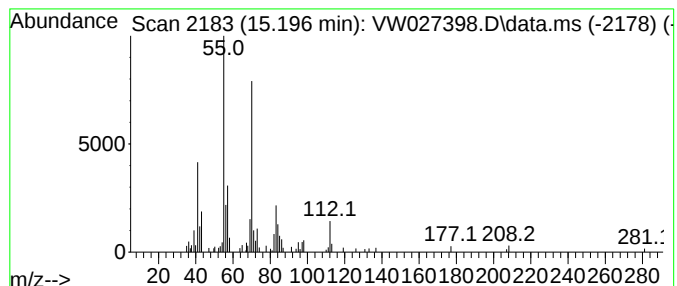
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 2-Propenoic acid, 6-methylh... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.196	1.64 ug/L	36316	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propenoic acid, 6-methylheptyl...	184	C11H20O2	054774-91-3	90
2			2-Ethylhexyl acrylate	184	C11H20O2	000103-11-7	90
3			2-Ethylhexyl acrylate	184	C11H20O2	000103-11-7	90
4			2-Propenoic acid, octyl ester	184	C11H20O2	002499-59-4	90
5			2-Ethylhexyl acrylate	184	C11H20O2	000103-11-7	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027398.D
Acq On : 23 Oct 2023 16:26
Operator : SY/MD
Sample : 04961-06
Misc : 5.74g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0LJ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.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...	13.501	1.8	ug/L	38973	3	13.556	553733	25.0
1-Hexanol, 2-et...	13.647	6.3	ug/L	139893	3	13.556	553733	25.0
Acetic acid, 2-...	14.519	1.8	ug/L	40164	3	13.556	553733	25.0
2-Propenoic aci...	15.196	1.6	ug/L	36316	3	13.556	553733	25.0