

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112621\
 Data File : VW020952.D
 Acq On : 26 Nov 2021 13:02
 Operator : SY/VA
 Sample : M4833-19
 Misc : 4.60g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQN6

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\SFAMWLM111521SMA.M
 Title : SFAM01.0

Signal : TIC: VW020952.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	69	73	83	rVB	30877	52207	13.82%	1.619%
2	2.885	154	161	169	rBV	15952	34874	9.23%	1.082%
3	3.568	269	273	278	rBV2	110	206	0.05%	0.006%
4	3.745	300	302	306	rBV	113	126	0.03%	0.004%
5	4.019	336	347	360	rBV2	38714	113833	30.14%	3.531%
6	4.257	383	386	387	rBV	211	209	0.06%	0.006%
7	4.812	475	477	483	rBV2	126	229	0.06%	0.007%
8	4.922	485	495	507	rVB2	5278	16854	4.46%	0.523%
9	5.105	524	525	527	rBV	164	127	0.03%	0.004%
10	5.434	569	579	588	rVV2	5767	16569	4.39%	0.514%
11	5.751	627	631	635	rBV2	210	382	0.10%	0.012%
12	5.867	649	650	654	rVV	120	136	0.04%	0.004%
13	5.940	656	662	670	rVB5	1105	2759	0.73%	0.086%
14	6.220	696	708	724	rBV2	15192	45628	12.08%	1.415%
15	6.354	728	730	734	rBV2	88	162	0.04%	0.005%
16	6.848	806	811	812	rBV	146	160	0.04%	0.005%
17	6.866	812	814	818	rVB	101	132	0.03%	0.004%
18	6.946	825	827	829	rBV	120	127	0.03%	0.004%
19	7.080	840	849	854	rBV	9107	25193	6.67%	0.781%
20	7.171	855	864	883	rVV2	110722	315448	83.51%	9.784%
21	7.543	922	925	927	rBV	222	233	0.06%	0.007%
22	7.653	931	943	953	rBV	63599	157109	41.59%	4.873%
23	7.872	970	979	989	rVB	13675	33309	8.82%	1.033%
24	7.952	989	992	993	rBV	166	141	0.04%	0.004%
25	8.275	1032	1045	1060	rBV3	118183	372837	98.70%	11.564%
26	8.677	1109	1111	1116	rVB	161	255	0.07%	0.008%
27	8.769	1123	1126	1128	rVV2	136	163	0.04%	0.005%
28	8.842	1129	1138	1149	rVV	138662	271941	71.99%	8.434%
29	9.092	1171	1179	1189	rVB	192983	377731	100.00%	11.715%
30	9.220	1196	1200	1201	rBV	310	315	0.08%	0.010%
31	9.275	1201	1209	1218	rVV	81931	163609	43.31%	5.074%
32	9.439	1234	1236	1238	rBV	137	139	0.04%	0.004%
33	9.531	1248	1251	1253	rBV	86	124	0.03%	0.004%
34	9.659	1270	1272	1277	rBV3	177	249	0.07%	0.008%
35	9.756	1285	1288	1292	rBV2	149	199	0.05%	0.006%
36	9.890	1306	1310	1314	rVB4	711	1067	0.28%	0.033%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112621\
 Data File : VW020952.D
 Acq On : 26 Nov 2021 13:02
 Operator : SY/VA
 Sample : M4833-19
 Misc : 4.60g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQN6

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\SFAMWLM111521SMA.M
 Title : SFAM01.0

37	9.957	1319	1321	1322	rBV	204	153	0.04%	0.005%
38	10.037	1325	1334	1343	rVB	39286	73250	19.39%	2.272%
39	10.116	1344	1347	1350	rVB	256	290	0.08%	0.009%
40	10.207	1359	1362	1367	rBV2	786	1068	0.28%	0.033%
41	10.250	1367	1369	1373	rVB	335	278	0.07%	0.009%
42	10.323	1373	1381	1388	rBV	144856	250760	66.39%	7.777%
43	10.384	1388	1391	1398	rVB	2246	3918	1.04%	0.122%
44	10.463	1402	1404	1406	rBV2	171	149	0.04%	0.005%
45	10.579	1417	1423	1431	rVB	22914	39325	10.41%	1.220%
46	10.701	1436	1443	1450	rBV	18042	31734	8.40%	0.984%
47	10.756	1450	1452	1454	rBV2	161	186	0.05%	0.006%
48	10.860	1464	1469	1474	rBV3	5341	9066	2.40%	0.281%
49	10.921	1474	1479	1490	rVB	34076	58072	15.37%	1.801%
50	11.061	1496	1502	1509	rBV2	10265	16716	4.43%	0.518%
51	11.171	1516	1520	1525	rBV4	948	1548	0.41%	0.048%
52	11.238	1529	1531	1532	rBV	375	335	0.09%	0.010%
53	11.433	1558	1563	1570	rVB	17116	28665	7.59%	0.889%
54	11.628	1588	1595	1604	rVB	141305	237991	63.01%	7.381%
55	11.835	1625	1629	1635	rBV	1088	1707	0.45%	0.053%
56	11.951	1646	1648	1651	rVB	159	179	0.05%	0.006%
57	12.164	1679	1683	1690	rBV3	617	1159	0.31%	0.036%
58	12.292	1703	1704	1708	rBV	102	135	0.04%	0.004%
59	12.420	1722	1725	1727	rBV	126	151	0.04%	0.005%
60	12.469	1729	1733	1738	rVB3	538	803	0.21%	0.025%
61	12.518	1738	1741	1743	rBV	125	157	0.04%	0.005%
62	12.542	1743	1745	1748	rVB	171	174	0.05%	0.005%
63	12.603	1749	1755	1763	rBB2	39631	66974	17.73%	2.077%
64	12.689	1763	1769	1777	rBB	56390	91624	24.26%	2.842%
65	12.750	1777	1779	1784	rBV	240	392	0.10%	0.012%
66	12.798	1786	1787	1792	rVB2	220	270	0.07%	0.008%
67	12.865	1792	1798	1801	rBV2	427	818	0.22%	0.025%
68	12.932	1804	1809	1814	rVB3	2268	3391	0.90%	0.105%
69	13.030	1822	1825	1830	rVB3	419	599	0.16%	0.019%
70	13.079	1830	1833	1835	rBV	463	552	0.15%	0.017%
71	13.158	1843	1846	1849	rBV2	394	565	0.15%	0.018%
72	13.256	1857	1862	1863	rBV2	759	1214	0.32%	0.038%
73	13.292	1863	1868	1874	rVB	6579	9749	2.58%	0.302%
74	13.402	1880	1886	1891	rBV4	1353	2447	0.65%	0.076%
75	13.499	1896	1902	1905	rBV3	956	1702	0.45%	0.053%
76	13.554	1905	1911	1919	rBV2	71111	113110	29.94%	3.508%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112621\
 Data File : VW020952.D
 Acq On : 26 Nov 2021 13:02
 Operator : SY/VA
 Sample : M4833-19
 Misc : 4.60g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQN6

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\SFAMWLM111521SMA.M
 Title : SFAM01.0

77	13.762	1939	1945	1948	rBV6	1133	2442	0.65%	0.076%
78	13.853	1953	1960	1966	rBV	64567	107472	28.45%	3.333%
79	13.951	1974	1976	1981	rVB2	841	901	0.24%	0.028%
80	14.011	1984	1986	1989	rVV2	486	569	0.15%	0.018%
81	14.066	1989	1995	2001	rVB	8664	14777	3.91%	0.458%
82	14.164	2008	2011	2012	rBV2	146	132	0.03%	0.004%
83	14.200	2012	2017	2020	rVB2	251	333	0.09%	0.010%
84	14.255	2023	2026	2030	rBV	322	423	0.11%	0.013%
85	14.292	2030	2032	2033	rBV	256	191	0.05%	0.006%
86	14.310	2033	2035	2036	rBV	281	230	0.06%	0.007%
87	14.426	2051	2054	2058	rVB2	455	592	0.16%	0.018%
88	14.505	2061	2067	2071	rBV6	457	1028	0.27%	0.032%
89	14.682	2092	2096	2097	rBV	313	325	0.09%	0.010%
90	14.719	2097	2102	2107	rVV3	4869	6838	1.81%	0.212%
91	14.792	2109	2114	2118	rBV2	445	1027	0.27%	0.032%
92	14.835	2118	2121	2126	rVB4	1158	1652	0.44%	0.051%
93	15.011	2146	2150	2154	rBV	254	542	0.14%	0.017%
94	15.048	2154	2156	2159	rBV2	207	187	0.05%	0.006%
95	15.316	2198	2200	2207	rVB2	1526	2041	0.54%	0.063%
96	15.432	2214	2219	2224	rVB	8530	12790	3.39%	0.397%
97	15.548	2234	2238	2246	rVB3	3535	5696	1.51%	0.177%
98	16.090	2322	2327	2331	rBV4	693	1393	0.37%	0.043%
99	16.279	2352	2358	2363	rBV4	1036	1927	0.51%	0.060%
100	16.487	2387	2392	2399	rBV2	2427	4541	1.20%	0.141%

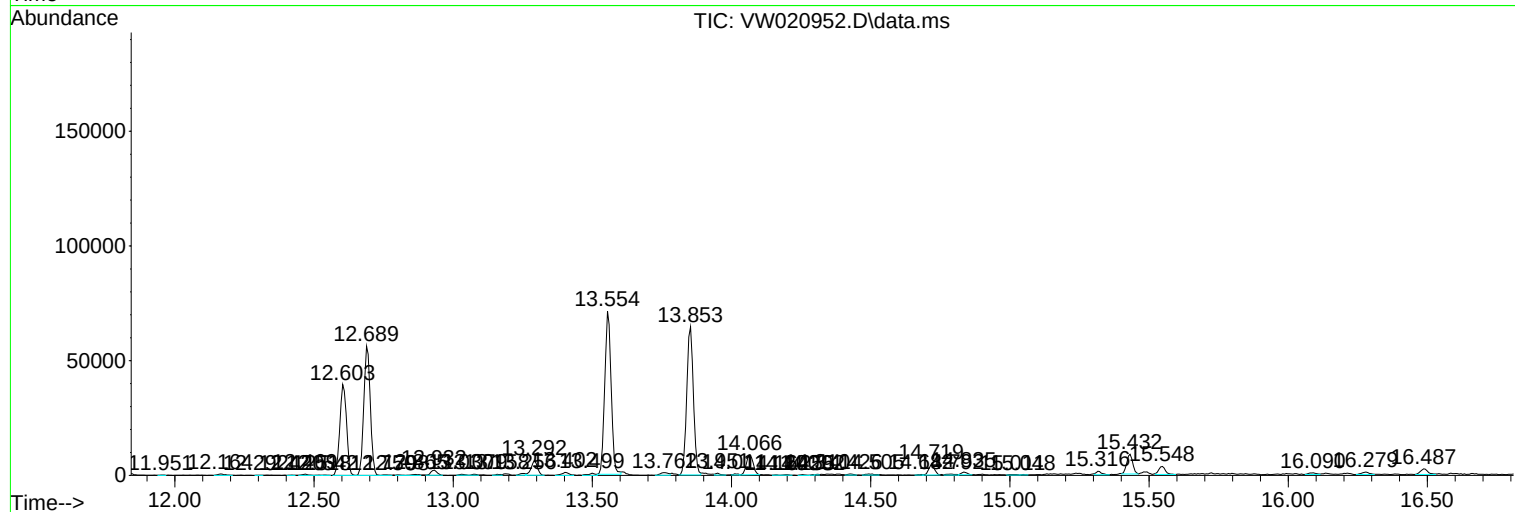
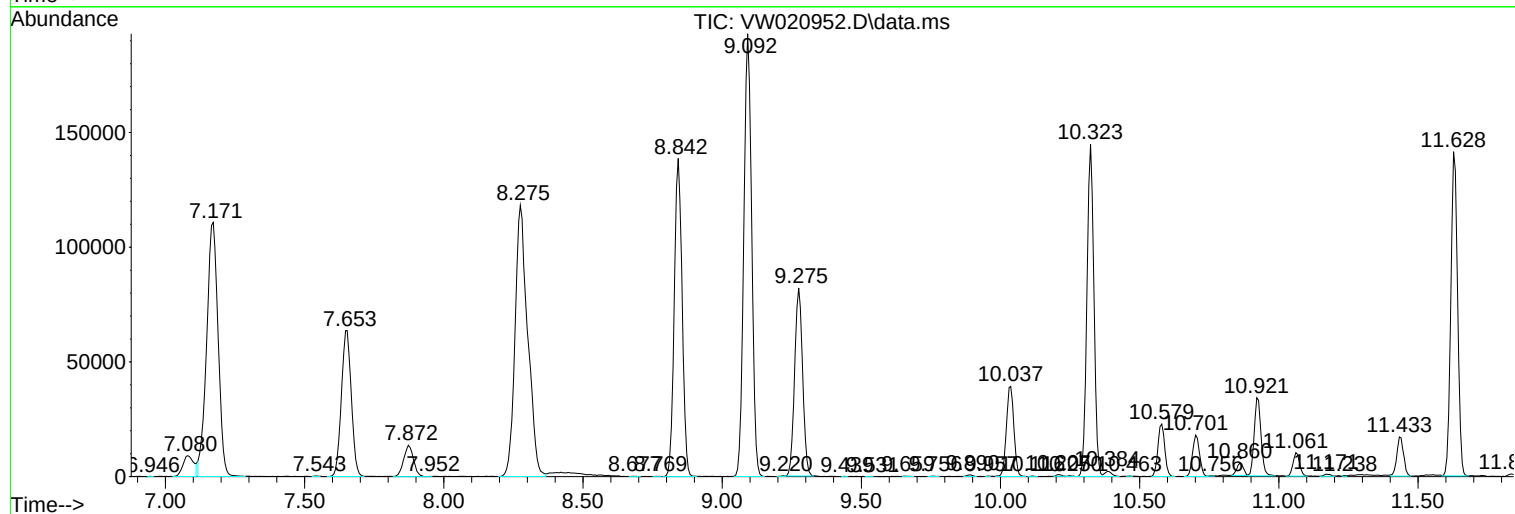
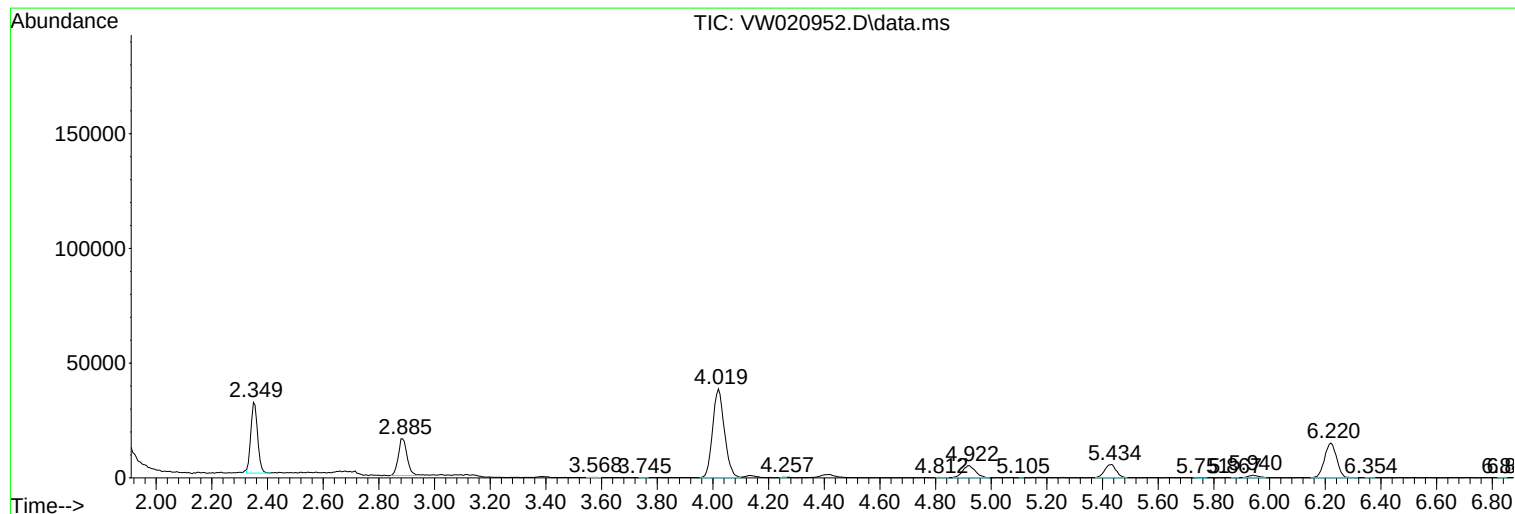
Sum of corrected areas: 3224207

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112621\
Data File : VW020952.D
Acq On : 26 Nov 2021 13:02
Operator : SY/VA
Sample : M4833-19
Misc : 4.60g/10.0mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQN6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112621\
Data File : VW020952.D
Acq On : 26 Nov 2021 13:02
Operator : SY/VA
Sample : M4833-19
Misc : 4.60g/10.0mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQN6

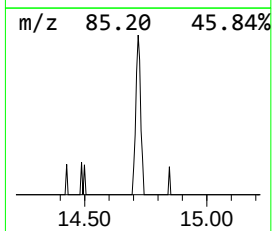
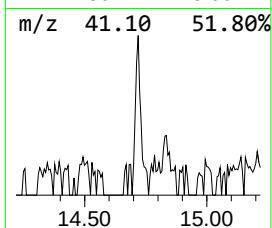
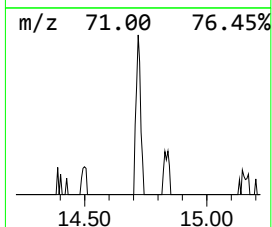
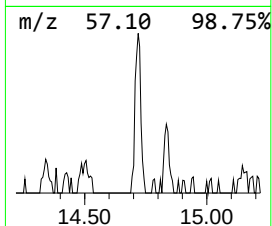
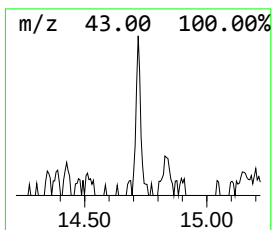
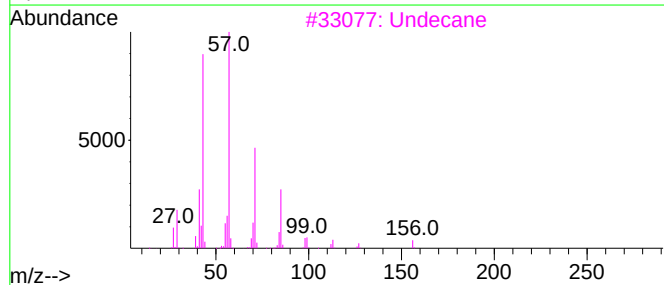
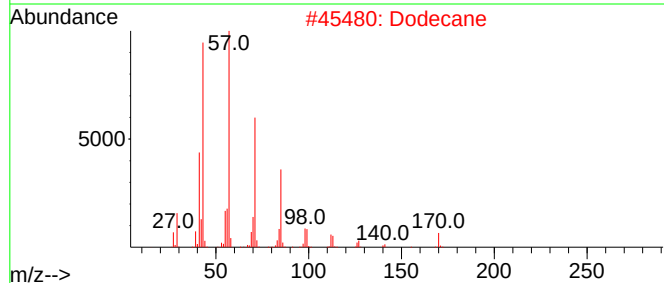
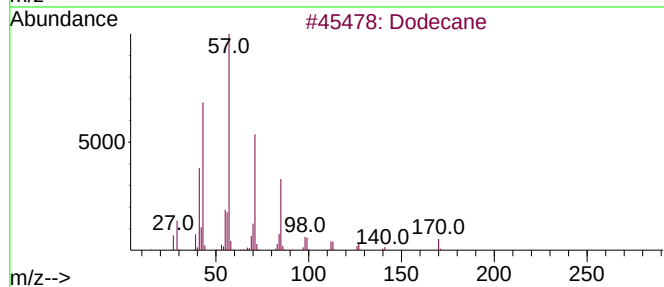
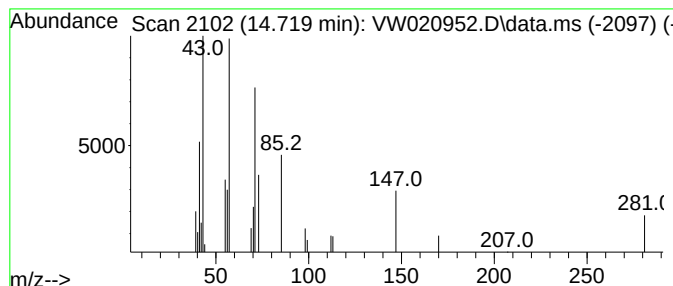
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	1.51 ug/L	6838	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	70
2		Dodecane	170	C12H26	000112-40-3	58
3		Undecane	156	C11H24	001120-21-4	53
4		Tridecane	184	C13H28	000629-50-5	53
5		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112621\
Data File : VW020952.D
Acq On : 26 Nov 2021 13:02
Operator : SY/VA
Sample : M4833-19
Misc : 4.60g/10.0mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQN6

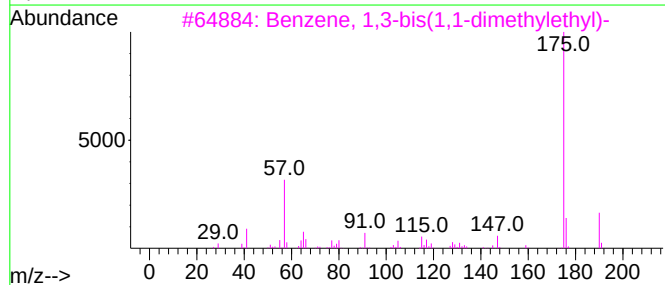
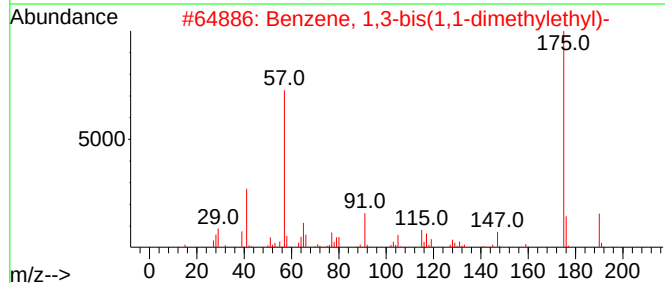
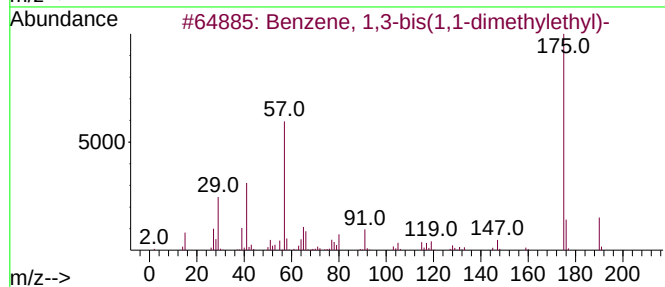
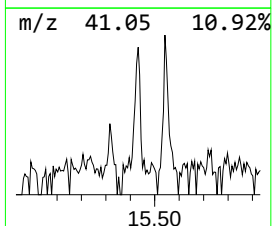
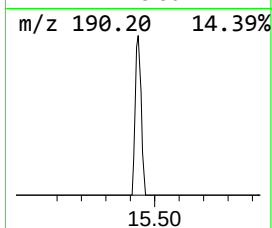
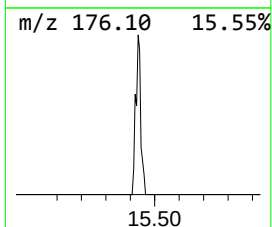
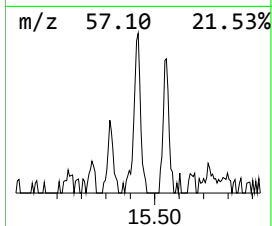
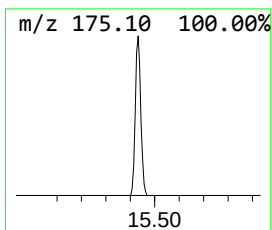
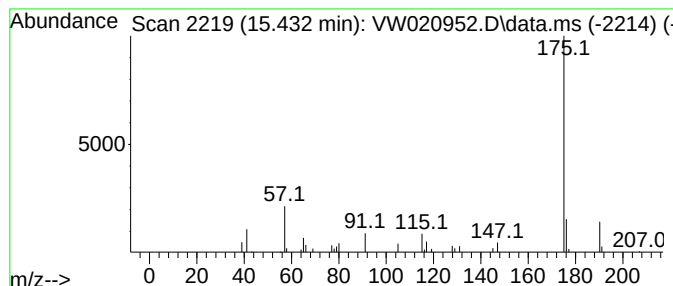
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	2.83 ug/L	12790	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
4			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
5			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112621\
Data File : VW020952.D
Acq On : 26 Nov 2021 13:02
Operator : SY/VA
Sample : M4833-19
Misc : 4.60g/10.0mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQN6

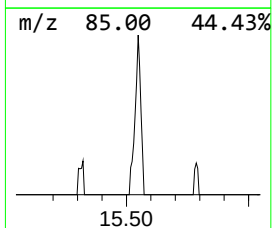
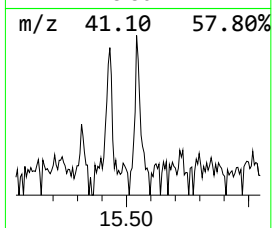
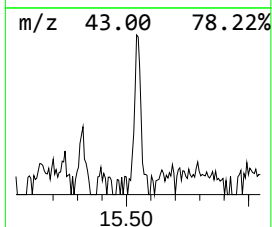
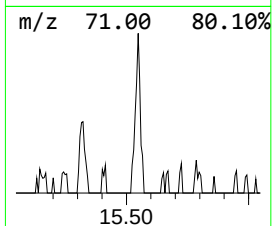
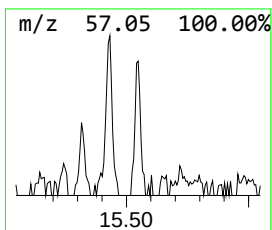
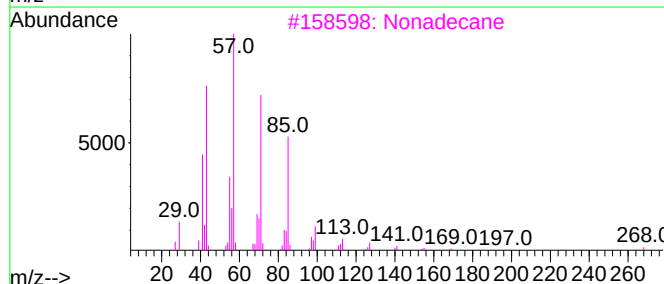
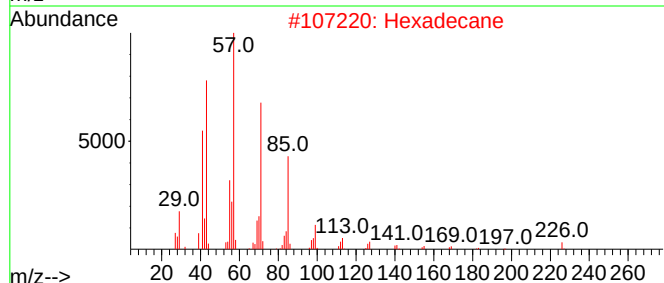
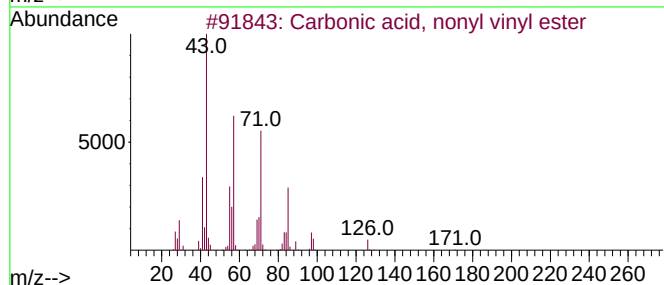
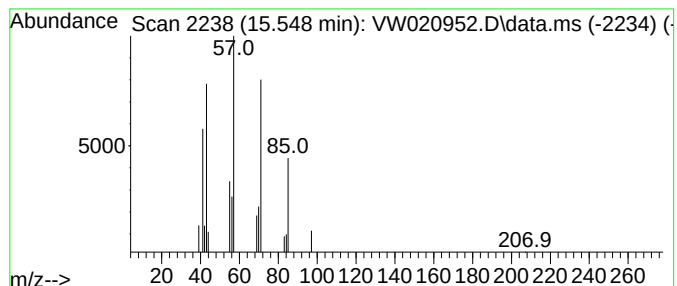
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 Carbonic acid, nonyl vinyl ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	1.26 ug/L	5696	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	78
2			Hexadecane	226	C16H34	000544-76-3	78
3			Nonadecane	268	C19H40	000629-92-5	78
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112621\
Data File : VW020952.D
Acq On : 26 Nov 2021 13:02
Operator : SY/VA
Sample : M4833-19
Misc : 4.60g/10.0mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQN6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.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...	14.719	1.5	ug/L	6838	3	13.560	113110	25.0
Benzene, 1,3-bi...	15.432	2.8	ug/L	12790	3	13.560	113110	25.0
Carbonic acid, ...	15.548	1.3	ug/L	5696	3	13.560	113110	25.0