

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
 Data File : VW018468.D
 Acq On : 26 Mar 2021 13:41
 Operator : SY/VA
 Sample : M1816-06
 Misc : 5.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3L4

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\SOM2WLM031921S.M

Title : VOC Analysis

Signal : TIC: VW018468.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.209	44	50	51	rBV2	4987	7882	0.48%	0.035%
2	2.355	69	74	86	rVB	113508	221944	13.40%	0.983%
3	2.891	155	162	176	rBV	95593	230854	13.94%	1.022%
4	3.227	215	217	220	rVB4	694	901	0.05%	0.004%
5	3.257	220	222	226	rVB4	725	767	0.05%	0.003%
6	3.300	228	229	232	rBV3	684	737	0.04%	0.003%
7	3.745	297	302	303	rBV4	557	888	0.05%	0.004%
8	4.019	335	347	365	rBV	166671	530994	32.05%	2.351%
9	4.141	365	367	376	rVB4	2395	4350	0.26%	0.019%
10	4.409	402	411	412	rBV4	1041	2183	0.13%	0.010%
11	4.434	412	415	416	rBV3	867	918	0.06%	0.004%
12	4.483	421	423	428	rVB4	757	913	0.06%	0.004%
13	4.922	485	495	512	rVB3	16400	58582	3.54%	0.259%
14	5.165	532	535	537	rBV2	502	743	0.04%	0.003%
15	5.421	573	577	584	rBV7	1298	3020	0.18%	0.013%
16	5.537	592	596	599	rVB3	460	705	0.04%	0.003%
17	5.946	651	663	670	rVV5	4908	14428	0.87%	0.064%
18	6.184	701	702	706	rVV2	688	773	0.05%	0.003%
19	6.336	725	727	732	rVB3	473	727	0.04%	0.003%
20	6.915	819	822	824	rBV3	617	710	0.04%	0.003%
21	7.086	841	850	868	rVV2	41096	133117	8.04%	0.589%
22	7.299	881	885	887	rVB4	796	975	0.06%	0.004%
23	7.513	917	920	922	rBV2	629	778	0.05%	0.003%
24	7.653	931	943	955	rBV	284557	703892	42.49%	3.117%
25	7.793	964	966	970	rVB4	718	969	0.06%	0.004%
26	7.866	975	978	982	rVB3	849	887	0.05%	0.004%
27	7.939	988	990	991	rVV2	1187	743	0.04%	0.003%
28	7.958	991	993	999	rVB3	2312	2880	0.17%	0.013%
29	8.037	1002	1006	1008	rBV4	1060	1563	0.09%	0.007%
30	8.165	1021	1027	1029	rVV5	1429	2664	0.16%	0.012%
31	8.275	1032	1045	1063	rBV2	534854	1627845	98.27%	7.208%
32	8.476	1073	1078	1088	rVB4	5678	15819	0.95%	0.070%
33	8.622	1100	1102	1109	rVB3	856	1358	0.08%	0.006%
34	8.683	1109	1112	1116	rBV4	1038	1345	0.08%	0.006%
35	8.842	1129	1138	1150	rBV	672621	1345376	81.22%	5.957%
36	9.085	1169	1178	1183	rBV10	3021	8072	0.49%	0.036%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
 Data File : VW018468.D
 Acq On : 26 Mar 2021 13:41
 Operator : SY/VA
 Sample : M1816-06
 Misc : 5.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3L4

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\SOM2WLM031921S.M
 Title : VOC Analysis

37	9.153	1187	1189	1193	rVB4	1180	1462	0.09%	0.006%
38	9.220	1195	1200	1201	rBV3	468	707	0.04%	0.003%
39	9.274	1201	1209	1219	rBV	365595	754748	45.56%	3.342%
40	9.463	1239	1240	1244	rVB4	1266	1187	0.07%	0.005%
41	9.585	1254	1260	1261	rBV6	1567	2966	0.18%	0.013%
42	9.756	1281	1288	1297	rBV3	15881	35631	2.15%	0.158%
43	9.896	1305	1311	1318	rBV3	19609	39614	2.39%	0.175%
44	10.037	1328	1334	1341	rBV	210265	361992	21.85%	1.603%
45	10.097	1341	1344	1348	rVB4	8362	11823	0.71%	0.052%
46	10.201	1360	1361	1362	rBV	1209	824	0.05%	0.004%
47	10.250	1363	1369	1374	rVV2	20227	34949	2.11%	0.155%
48	10.323	1374	1381	1389	rBV	803458	1411202	85.19%	6.249%
49	10.579	1416	1423	1434	rVB	137853	244598	14.77%	1.083%
50	10.658	1434	1436	1437	rBV2	1832	1581	0.10%	0.007%
51	10.701	1439	1443	1448	rVV2	10325	15296	0.92%	0.068%
52	10.774	1451	1455	1460	rVV5	12836	31474	1.90%	0.139%
53	10.847	1464	1467	1473	rVB2	16531	27613	1.67%	0.122%
54	10.927	1474	1480	1490	rBV	178948	320900	19.37%	1.421%
55	11.036	1494	1498	1507	rVB	23229	48680	2.94%	0.216%
56	11.231	1526	1530	1535	rBV6	12519	20123	1.21%	0.089%
57	11.341	1543	1548	1551	rBV3	14722	25763	1.56%	0.114%
58	11.408	1551	1559	1570	rVB2	59371	160262	9.67%	0.710%
59	11.512	1570	1576	1586	rBV	62727	118312	7.14%	0.524%
60	11.634	1587	1596	1602	rBV	947697	1656555	100.00%	7.335%
61	11.695	1602	1606	1610	rVB	35443	53037	3.20%	0.235%
62	11.811	1621	1625	1629	rBV6	10746	19469	1.18%	0.086%
63	11.878	1630	1636	1640	rBV2	50122	88285	5.33%	0.391%
64	11.957	1647	1649	1650	rBV2	4599	4215	0.25%	0.019%
65	12.067	1663	1667	1671	rBV4	29405	47693	2.88%	0.211%
66	12.134	1674	1678	1683	rBV3	45025	75873	4.58%	0.336%
67	12.250	1694	1697	1702	rVB2	49924	74451	4.49%	0.330%
68	12.329	1706	1710	1713	rBV3	23884	45157	2.73%	0.200%
69	12.591	1747	1753	1759	rVB2	172757	358229	21.62%	1.586%
70	12.646	1759	1762	1765	rVV	54047	74064	4.47%	0.328%
71	12.695	1765	1770	1776	rVB	316189	538171	32.49%	2.383%
72	12.756	1776	1780	1790	rVB6	45453	128384	7.75%	0.568%
73	12.932	1804	1809	1817	rBV5	66656	186554	11.26%	0.826%
74	13.079	1829	1833	1836	rBV2	36182	58971	3.56%	0.261%
75	13.164	1844	1847	1849	rBV2	44937	52936	3.20%	0.234%
76	13.292	1865	1868	1873	rVB2	57669	82859	5.00%	0.367%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
 Data File : VW018468.D
 Acq On : 26 Mar 2021 13:41
 Operator : SY/VA
 Sample : M1816-06
 Misc : 5.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3L4

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\SOM2WLM031921S.M

Title : VOC Analysis

77	13.408	1883	1887	1890	rBV	91971	134097	8.09%	0.594%
78	13.481	1896	1899	1902	rBV2	53855	68425	4.13%	0.303%
79	13.554	1906	1911	1916	rVV	985508	1502342	90.69%	6.653%
80	13.719	1934	1938	1939	rBV3	76964	99987	6.04%	0.443%
81	13.749	1940	1943	1947	rVV	179648	276526	16.69%	1.224%
82	13.798	1948	1951	1954	rVV2	97125	130308	7.87%	0.577%
83	13.853	1954	1960	1968	rVB	763832	1396252	84.29%	6.183%
84	14.036	1983	1990	1994	rBV4	122059	287764	17.37%	1.274%
85	14.091	1996	1999	2011	rVB2	230322	495021	29.88%	2.192%
86	14.200	2012	2017	2022	rBV4	171959	304582	18.39%	1.349%
87	14.261	2023	2027	2034	rVB7	61169	132718	8.01%	0.588%
88	14.420	2050	2053	2056	rBV2	94163	114080	6.89%	0.505%
89	14.456	2056	2059	2062	rVB	194054	222932	13.46%	0.987%
90	14.499	2062	2066	2070	rBV2	396880	585154	35.32%	2.591%
91	14.639	2085	2089	2093	rVB	211616	271385	16.38%	1.202%
92	14.682	2093	2096	2100	rBV3	129296	234806	14.17%	1.040%
93	14.725	2100	2103	2108	rVB2	264873	408524	24.66%	1.809%
94	14.786	2108	2113	2119	rBV4	279491	706293	42.64%	3.128%
95	15.060	2154	2158	2170	rVV3	376545	952365	57.49%	4.217%
96	15.176	2172	2177	2184	rVB4	359254	790655	47.73%	3.501%
97	15.322	2196	2201	2211	rVB4	211724	494067	29.82%	2.188%
98	15.468	2221	2225	2229	rBV4	136095	205234	12.39%	0.909%
99	15.651	2250	2255	2261	rBV2	181535	346555	20.92%	1.535%
100	16.011	2310	2314	2321	rVB4	123075	275013	16.60%	1.218%

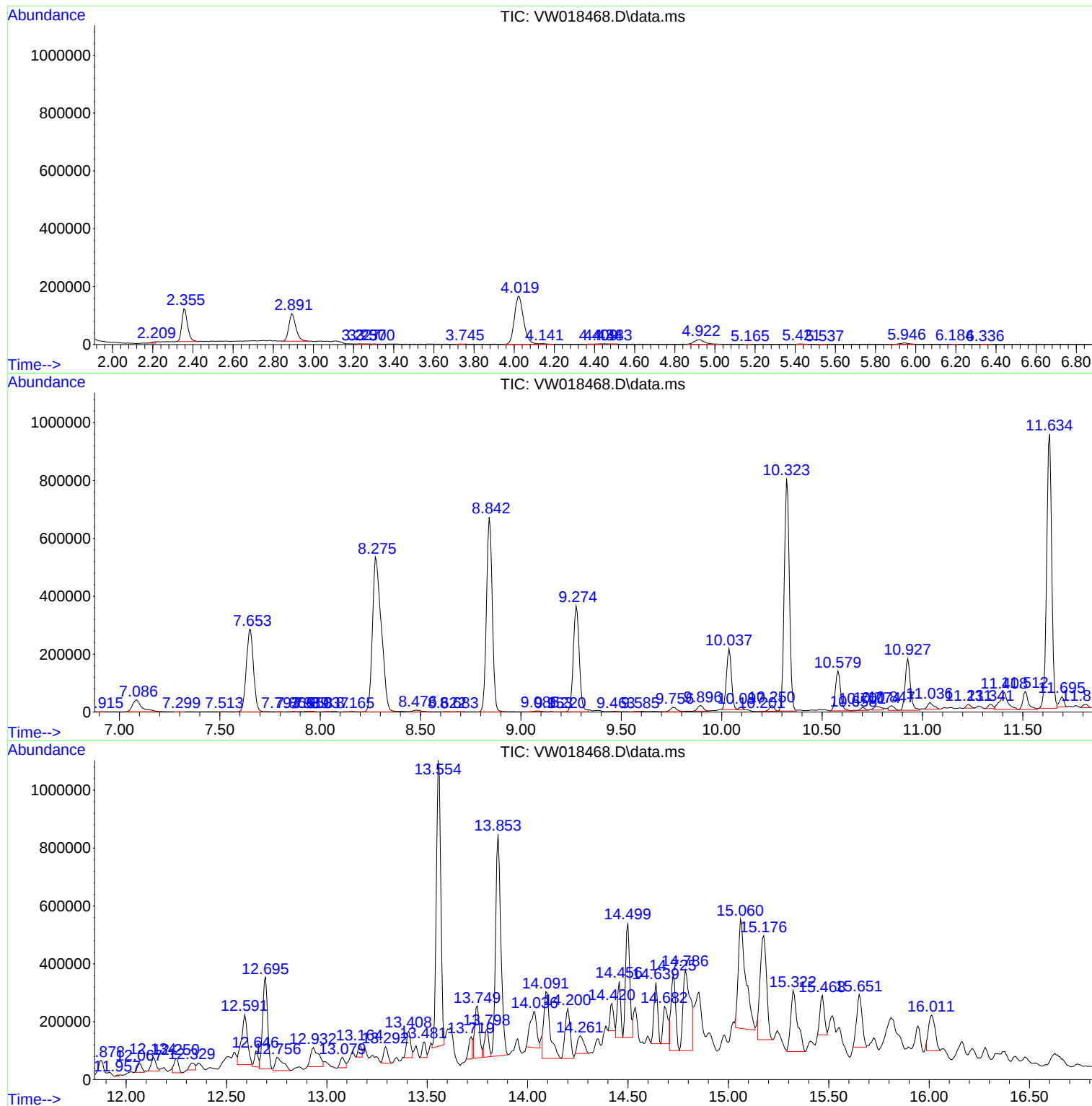
Sum of corrected areas: 22582997

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

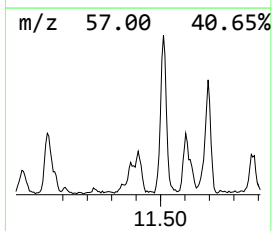
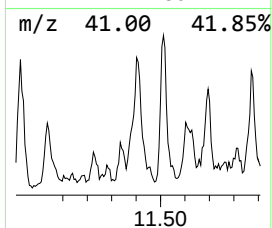
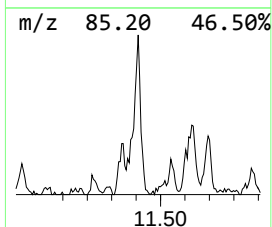
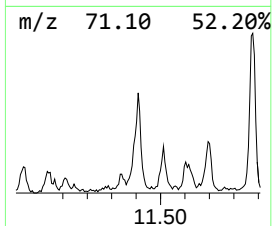
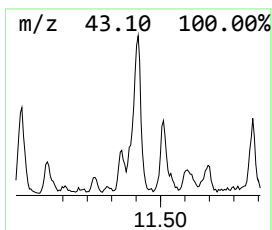
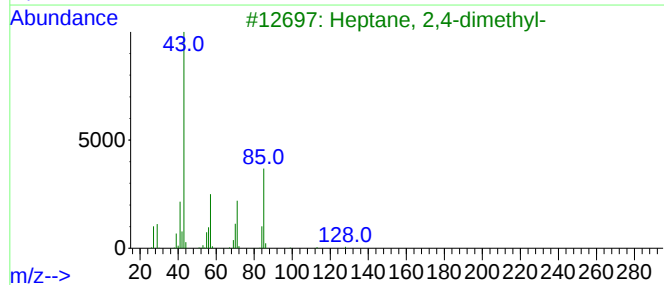
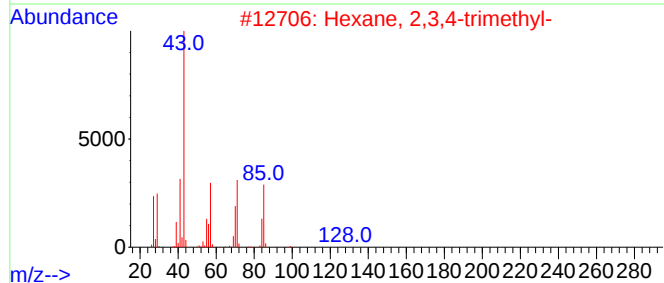
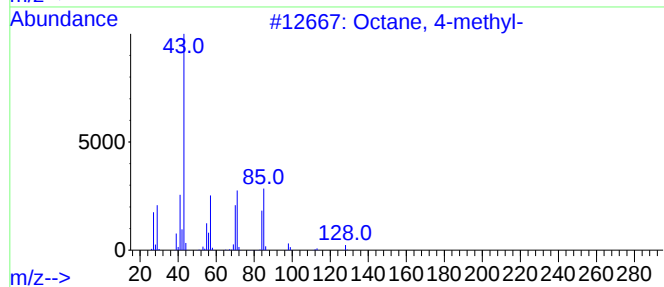
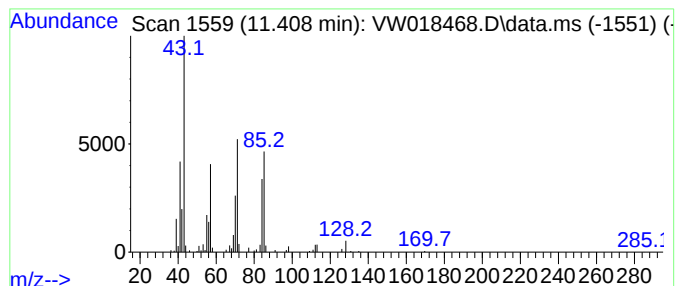
Instrument :
MSVOA_W
ClientSampleId :
BG3L4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.408	2.42 ug/L	160262	Chlorobenzene-d5			11.634
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-		128	C9H20	002216-34-4	74
2	Hexane, 2,3,4-trimethyl-		128	C9H20	000921-47-1	59
3	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	53
4	Hexane, 3,3-dimethyl-		114	C8H18	000563-16-6	53
5	Octane, 2-methyl-		128	C9H20	003221-61-2	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

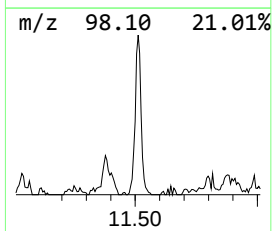
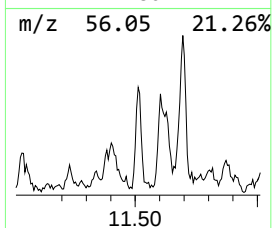
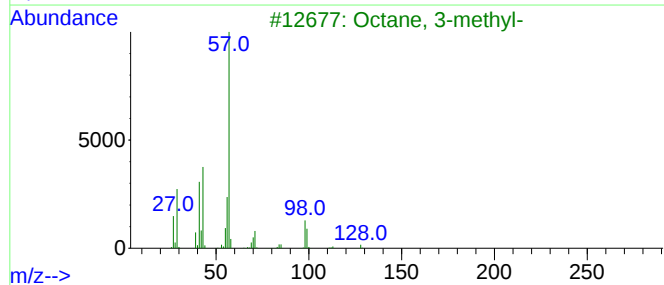
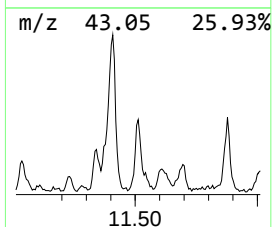
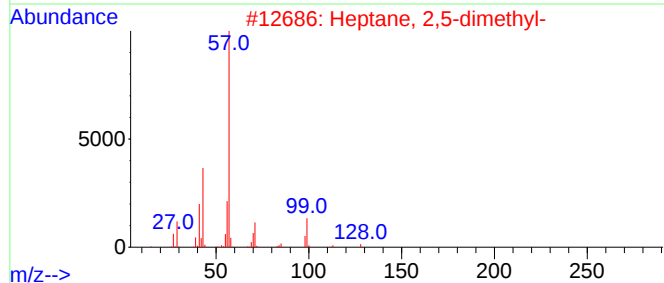
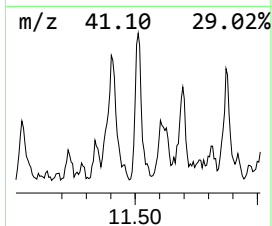
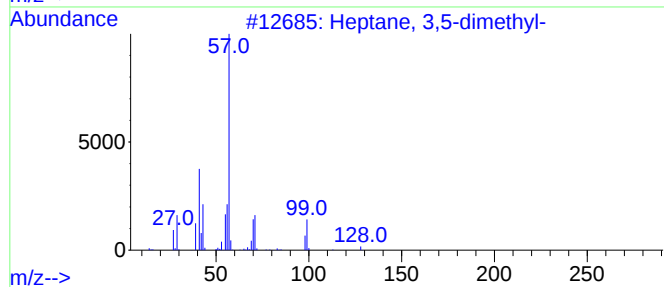
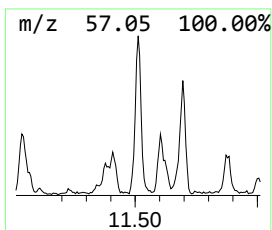
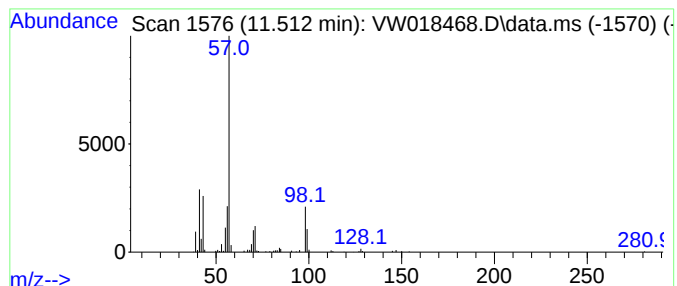
Instrument :
MSVOA_W
ClientSampleId :
BG3L4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.512	1.79 ug/L	118312	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 3,5-dimethyl-		128	C9H20	000926-82-9	76
2	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	74
3	Octane, 3-methyl-		128	C9H20	002216-33-3	72
4	Octane, 3-methyl-		128	C9H20	002216-33-3	72
5	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

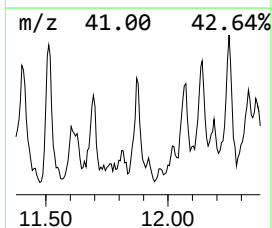
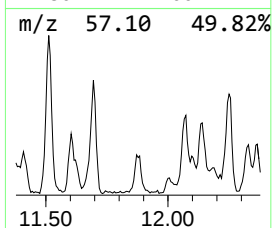
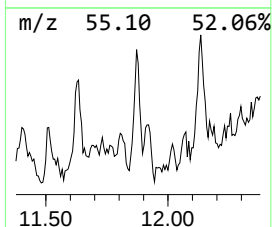
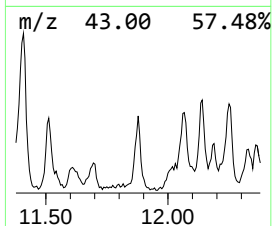
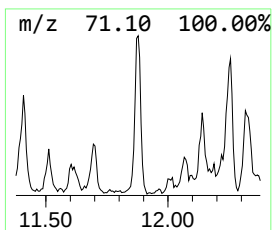
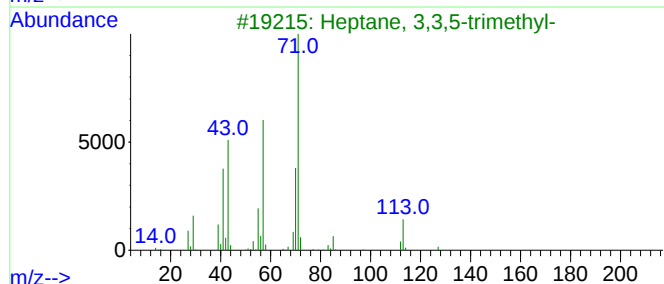
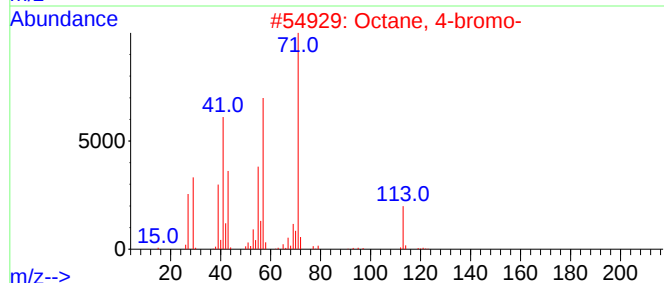
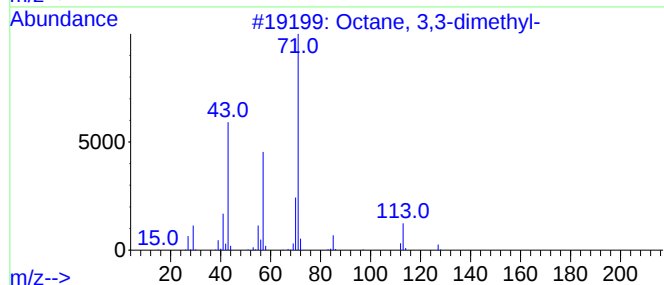
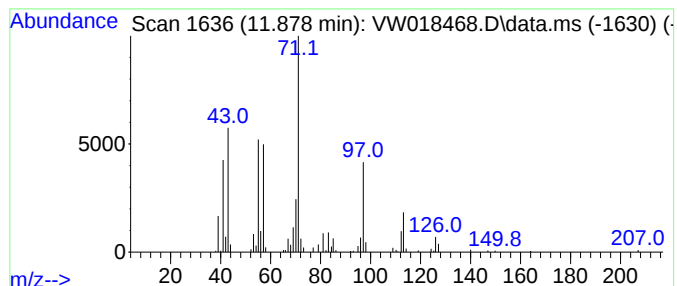
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.878	1.33 ug/L	88285	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	50
2			Octane, 4-bromo-	192	C8H17Br	000999-06-4	38
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	38
4			5-Ethyl-3-nonen-6-one	168	C11H20O	1000374-06-6	38
5			3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

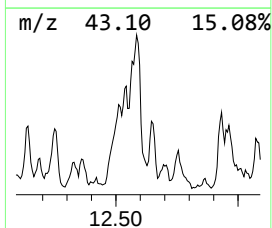
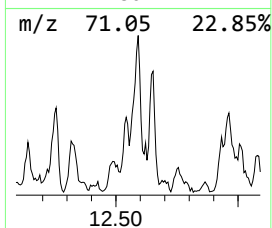
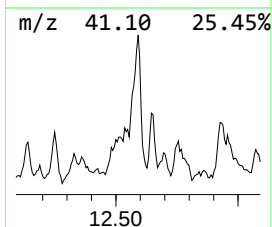
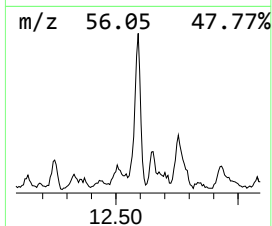
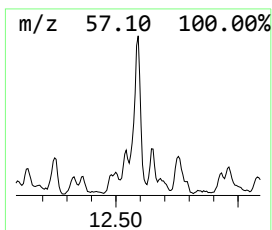
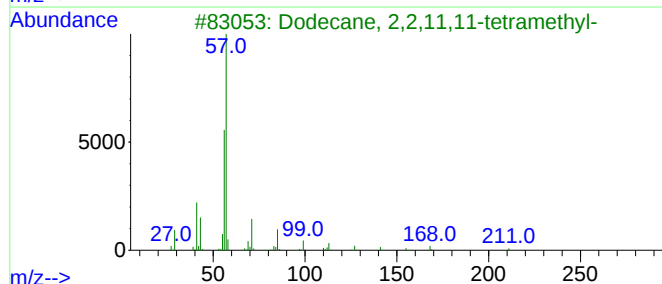
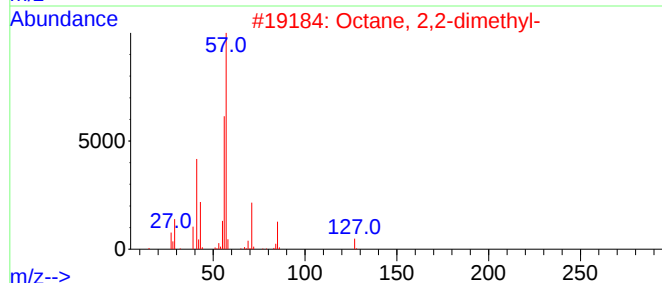
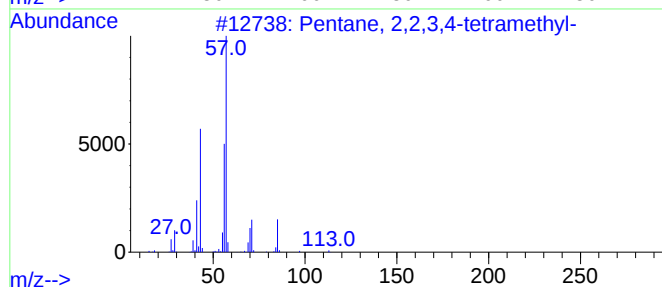
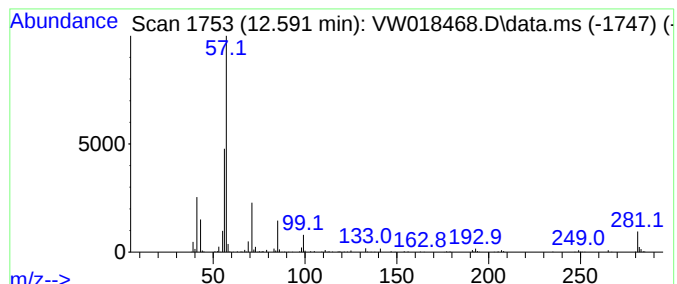
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.591	5.41 ug/L	358229	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
2			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	59
3			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	53
4			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
5			2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

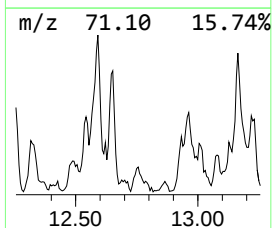
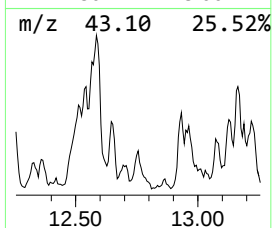
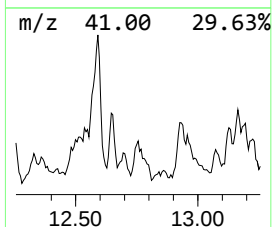
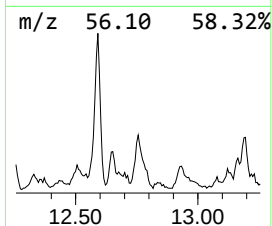
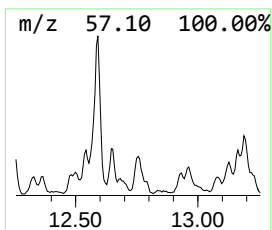
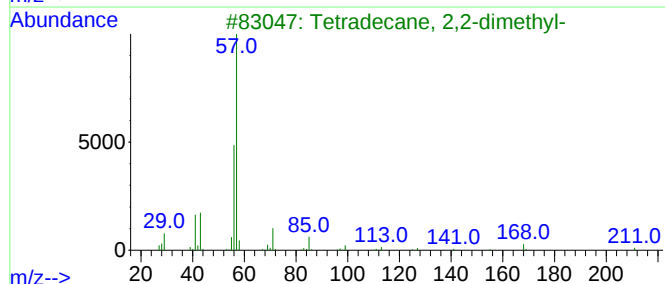
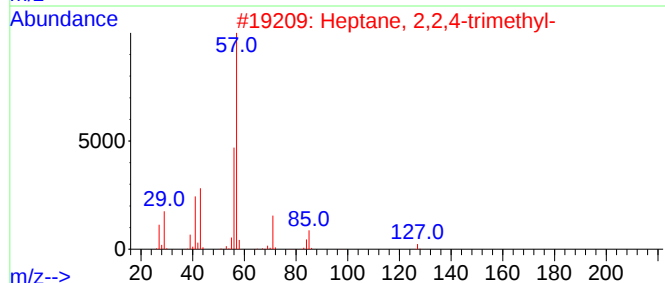
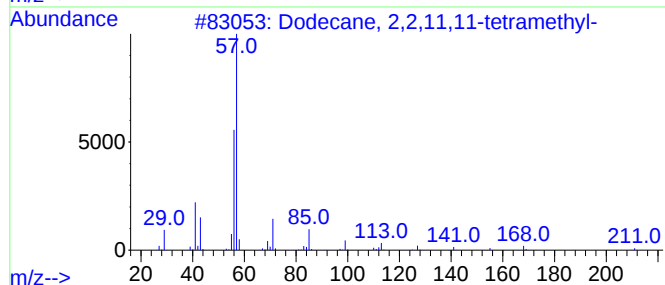
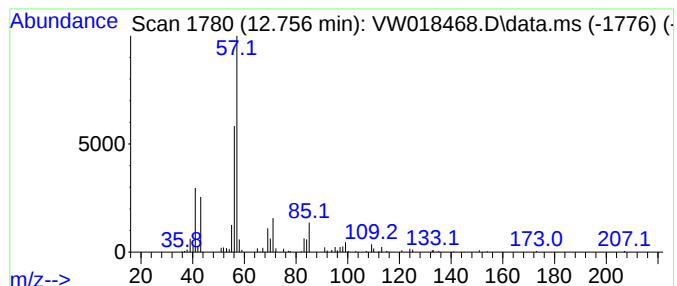
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.756	2.14 ug/L	128384	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
2			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	64
3			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64
4			Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	64
5			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

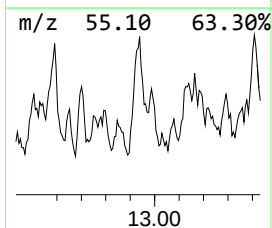
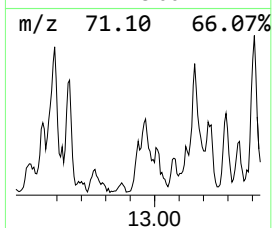
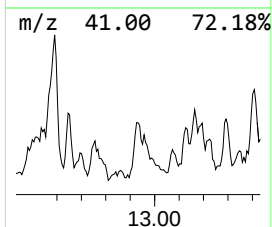
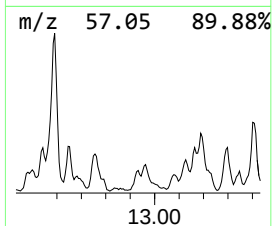
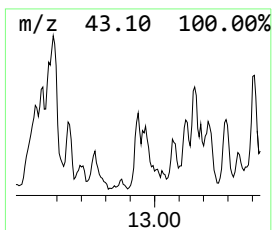
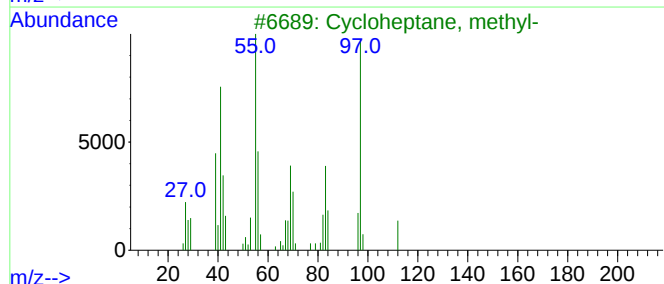
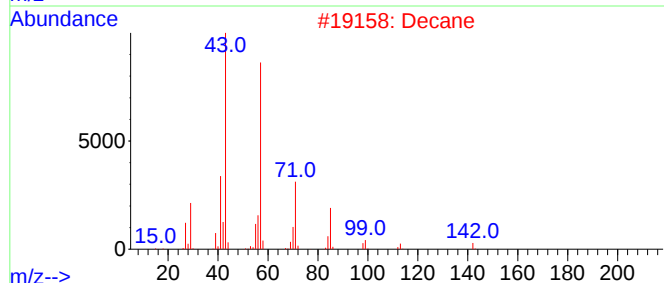
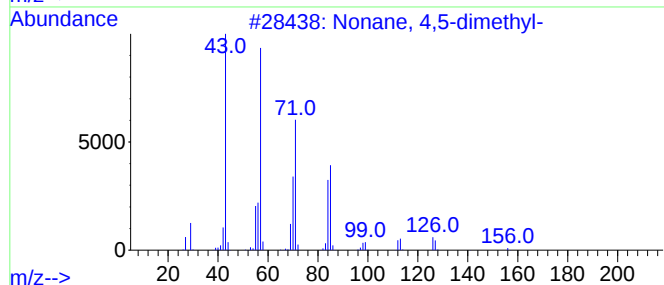
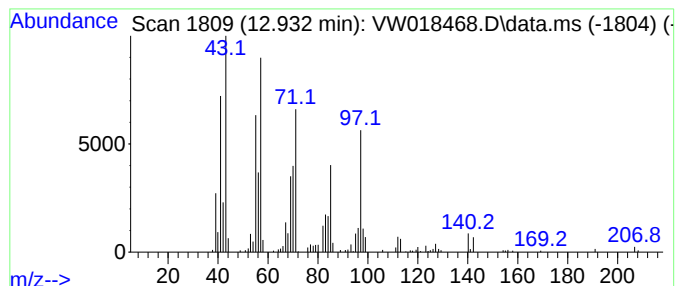
Instrument :
MSVOA_W
ClientSampleId :
BG3L4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.932	3.10 ug/L	186554	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-		156	C11H24	017302-23-7	60
2	Decane		142	C10H22	000124-18-5	49
3	Cycloheptane, methyl-		112	C8H16	004126-78-7	46
4	Decane		142	C10H22	000124-18-5	43
5	Decane		142	C10H22	000124-18-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

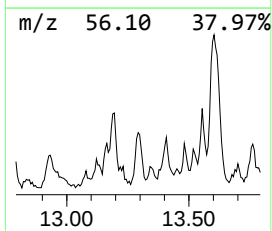
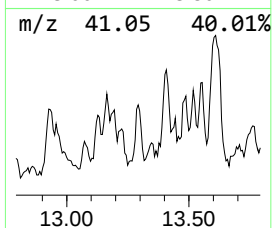
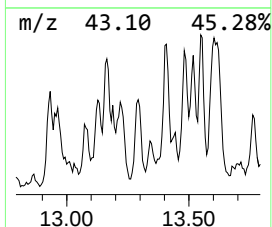
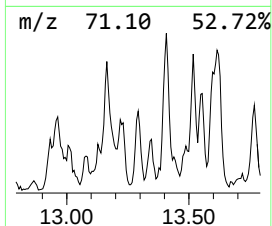
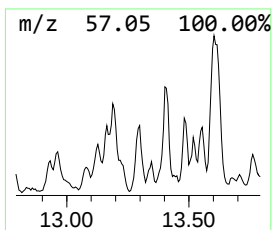
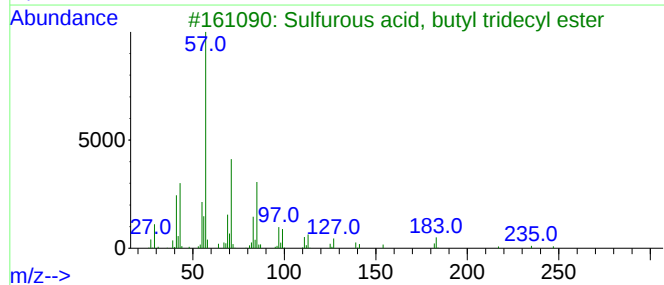
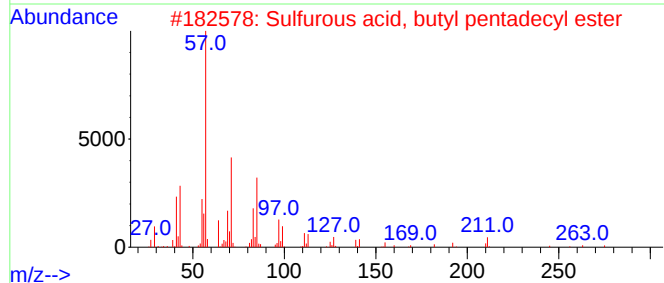
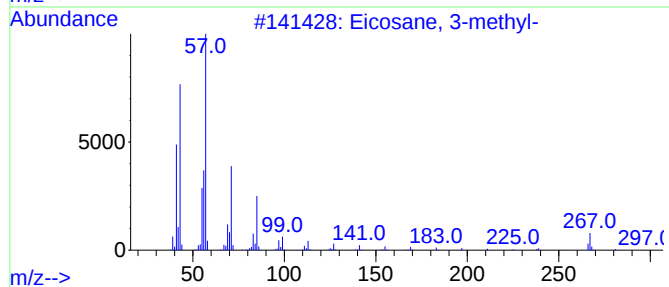
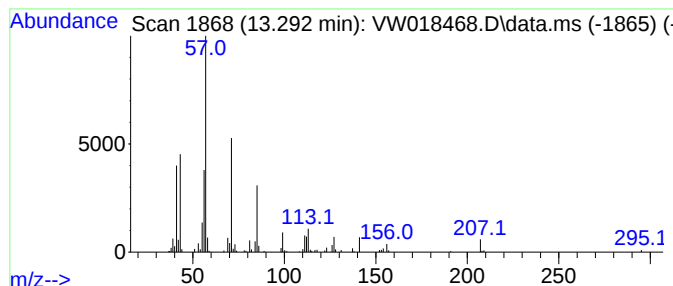
Instrument :
MSVOA_W
ClientSampleId :
BG3L4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.292	1.38 ug/L	82859	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 3-methyl-	296	C21H44	006418-46-8	78
2	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	72
3	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	64
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

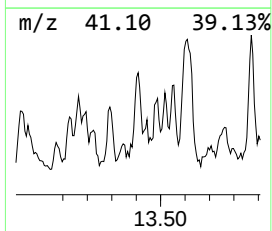
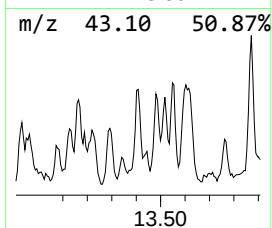
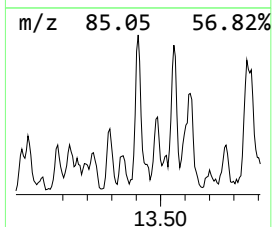
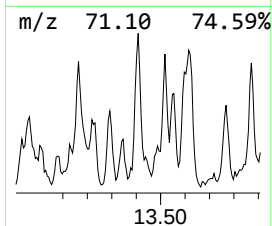
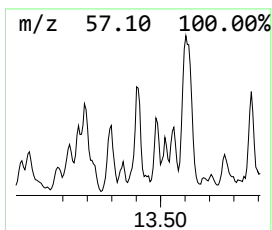
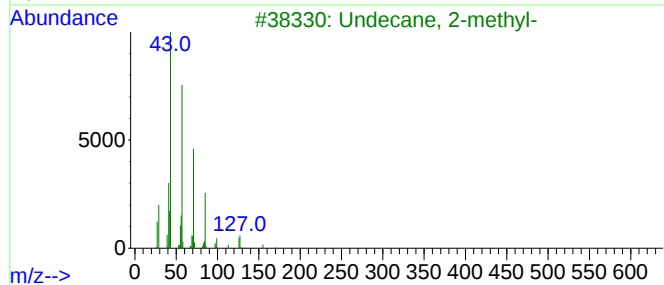
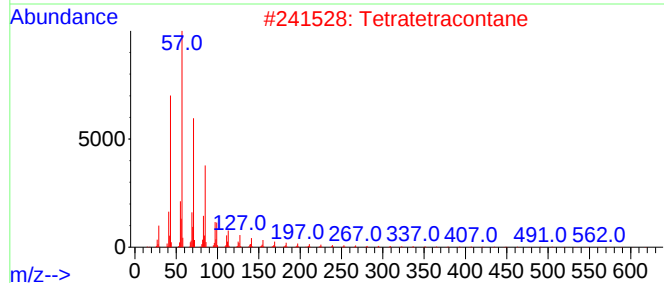
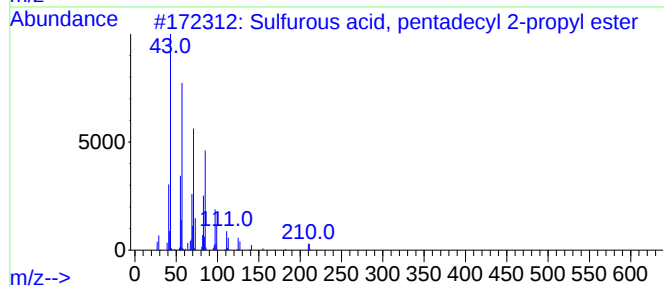
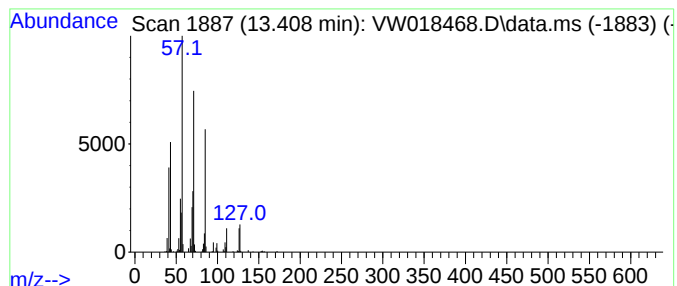
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Sulfurous acid, pentadecyl ... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.408	2.23 ug/L	134097	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	64
2			Tetratetracontane	619	C44H90	007098-22-8	64
3			Undecane, 2-methyl-	170	C12H26	007045-71-8	59
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
5			Undecane, 4-methyl-	170	C12H26	002980-69-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

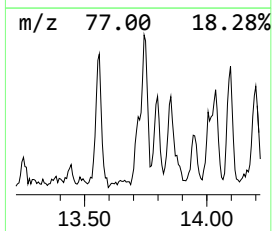
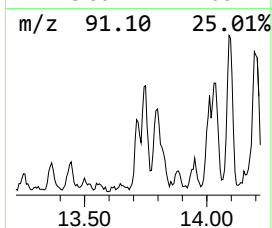
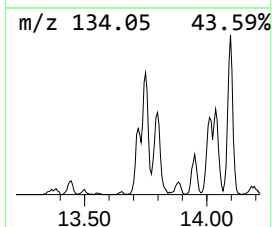
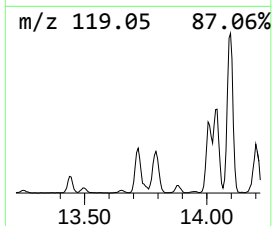
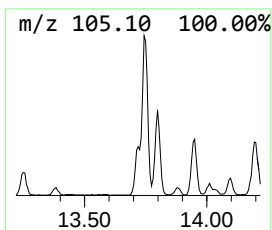
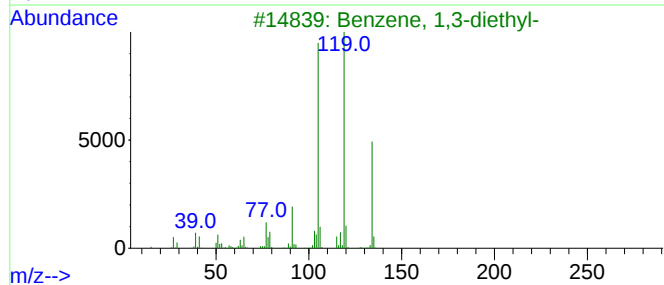
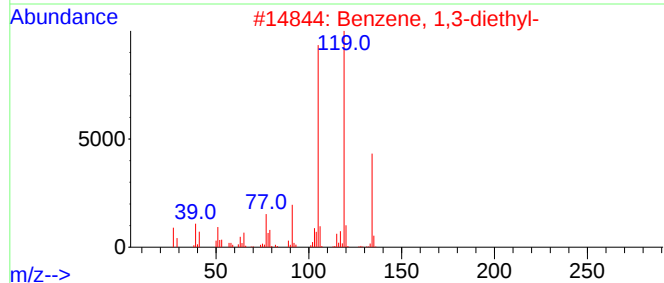
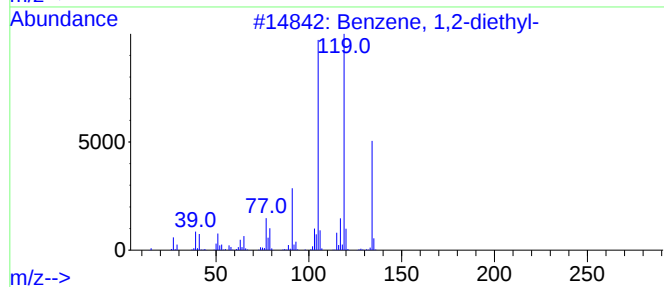
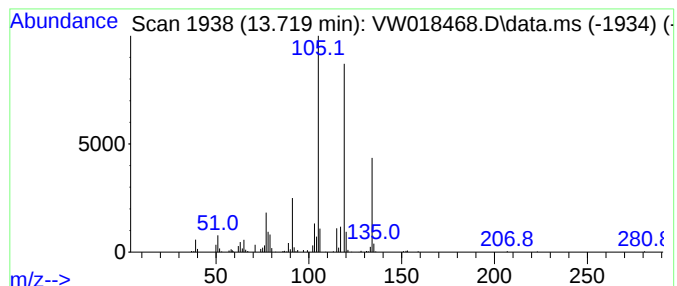
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1,2-diethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	1.66 ug/L	99987	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

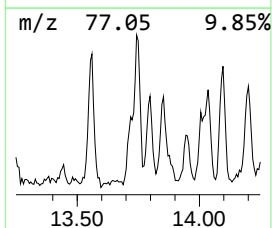
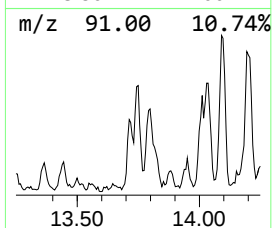
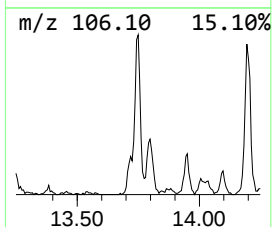
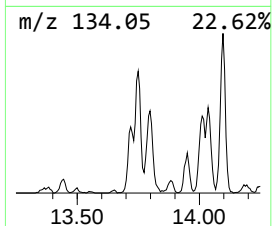
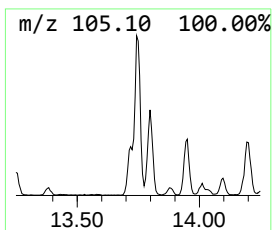
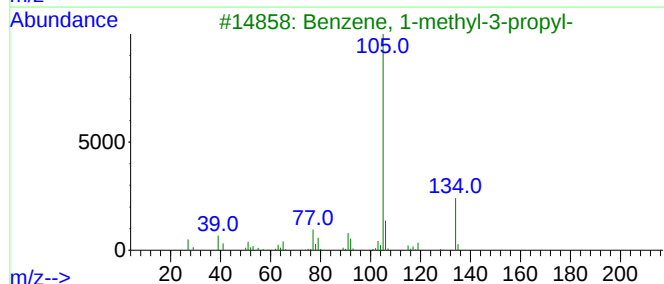
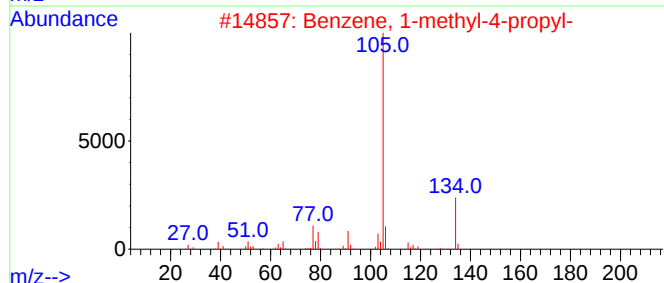
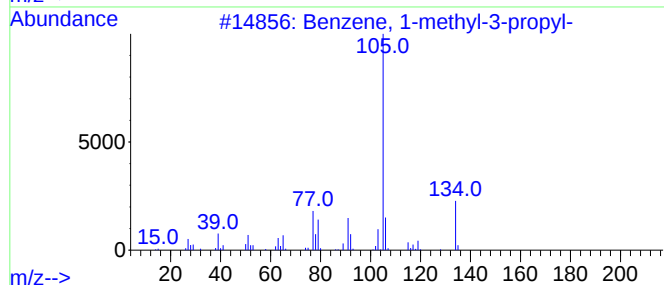
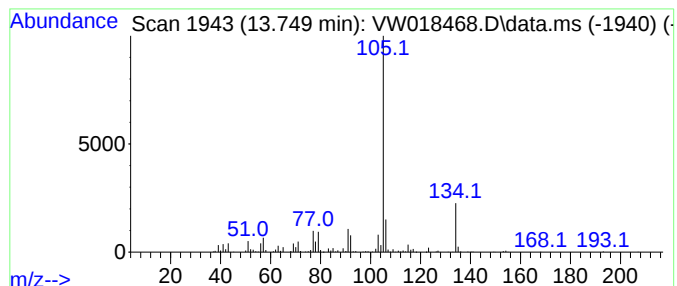
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 1-methyl-3-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	4.60 ug/L	276526	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

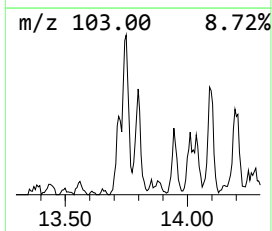
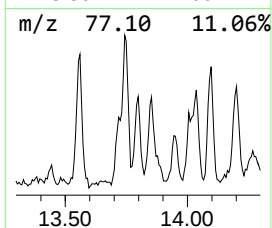
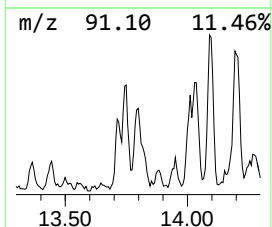
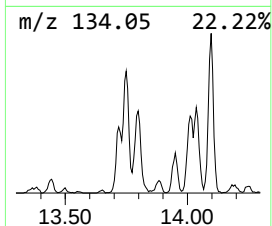
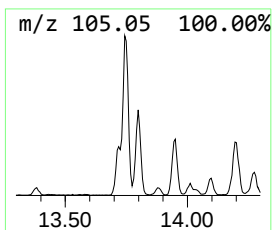
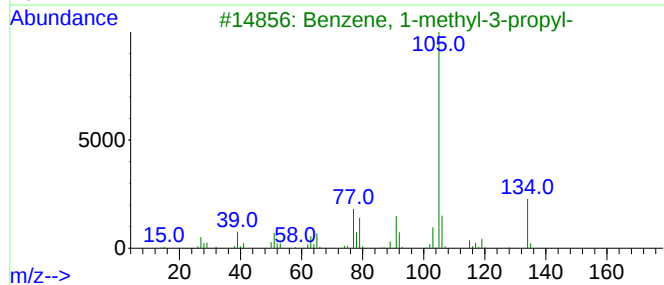
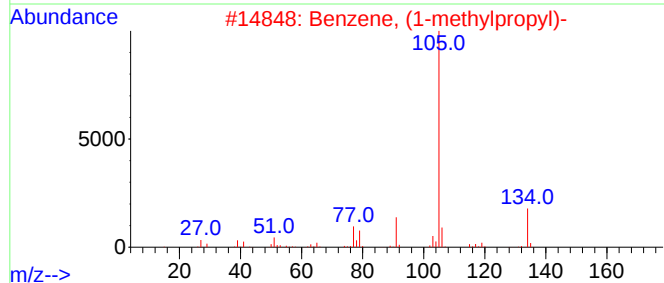
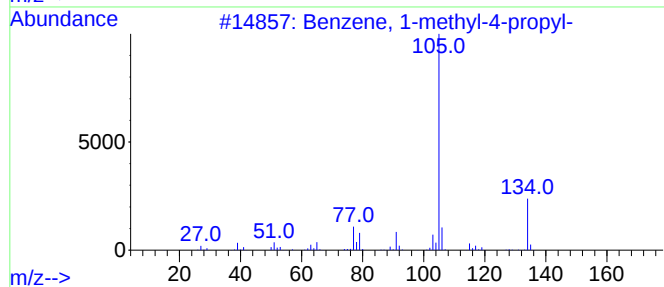
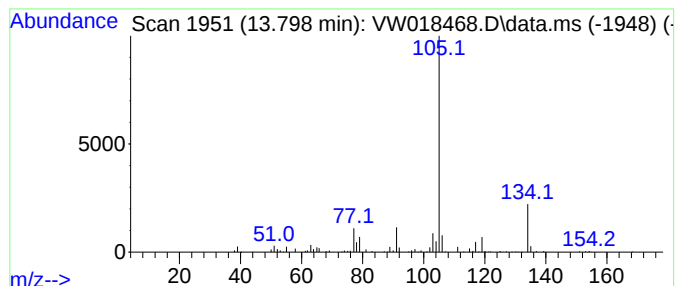
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 1-methyl-4-propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	2.17 ug/L	130308	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
3			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	83
4			2-Tolyloxirane	134	C9H10O	002783-26-8	81
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

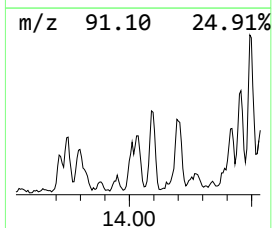
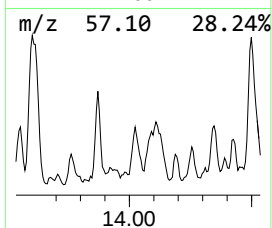
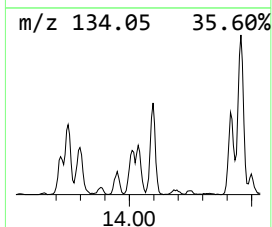
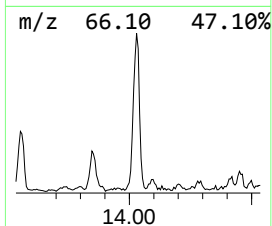
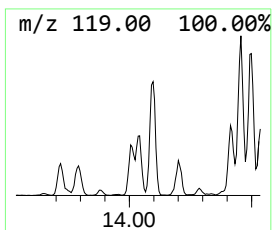
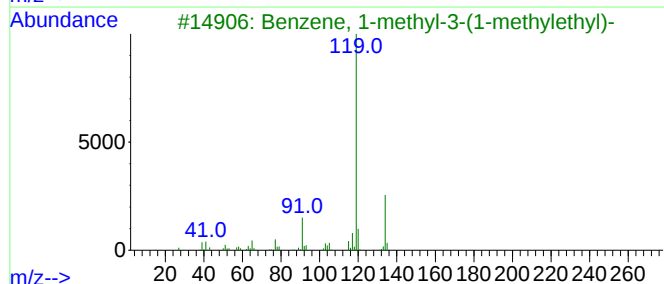
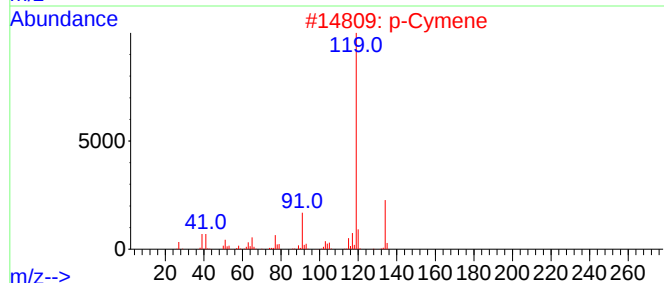
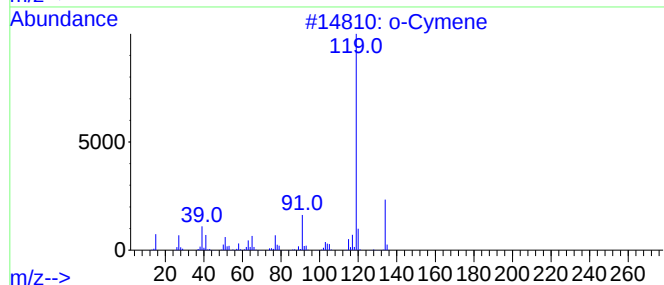
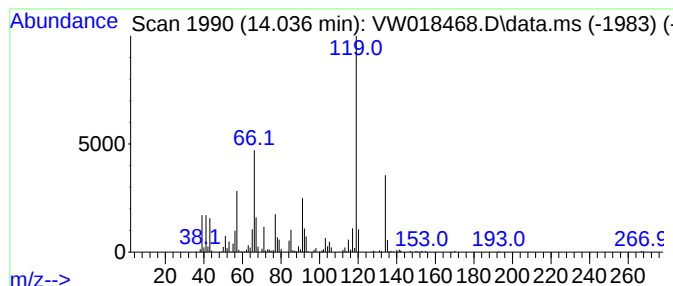
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	4.79 ug/L	287764	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	83
2			p-Cymene	134	C10H14	000099-87-6	83
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

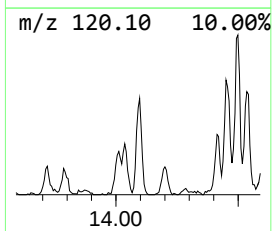
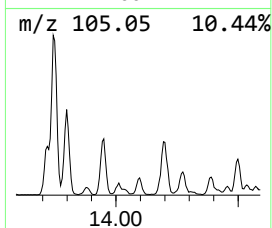
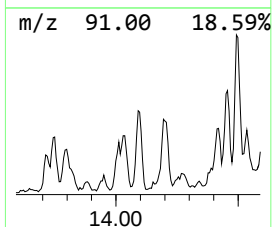
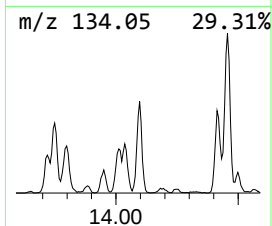
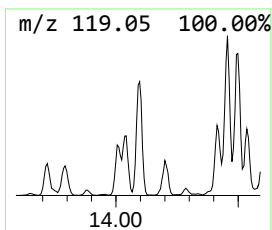
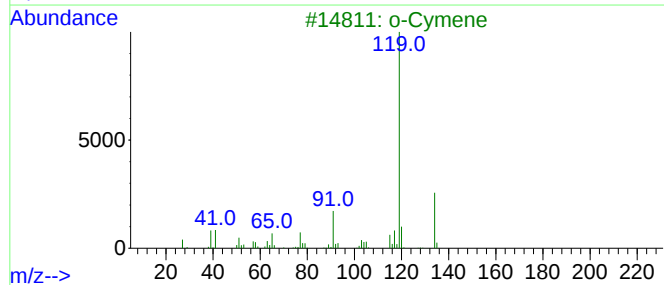
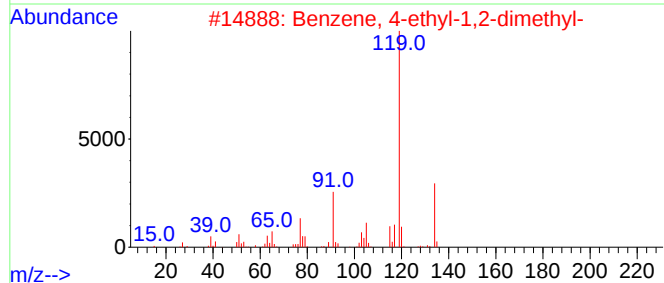
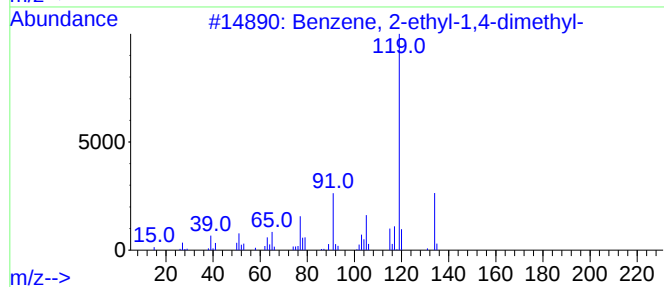
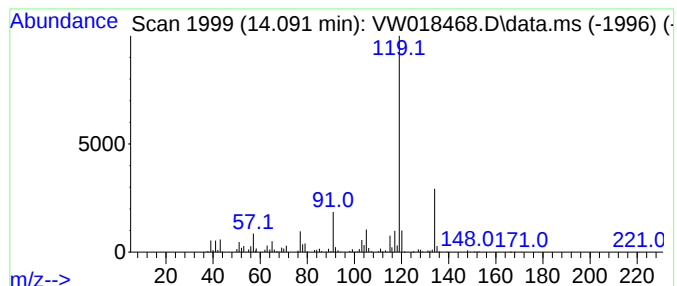
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	8.24 ug/L	495021	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			p-Cymene	134	C10H14	000099-87-6	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

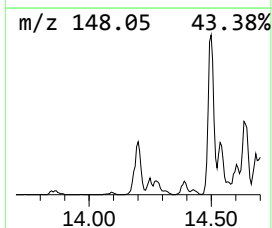
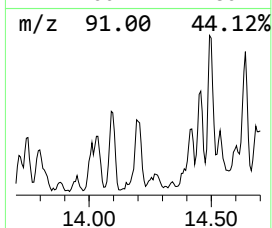
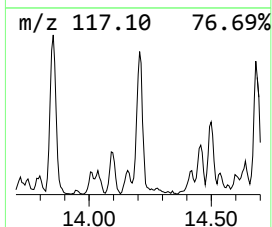
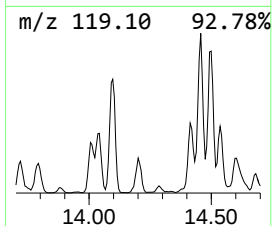
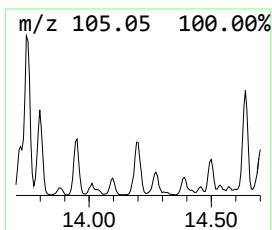
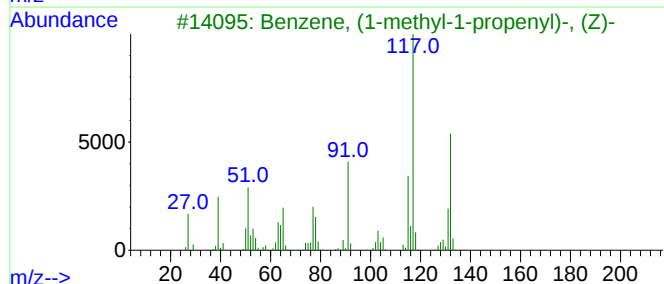
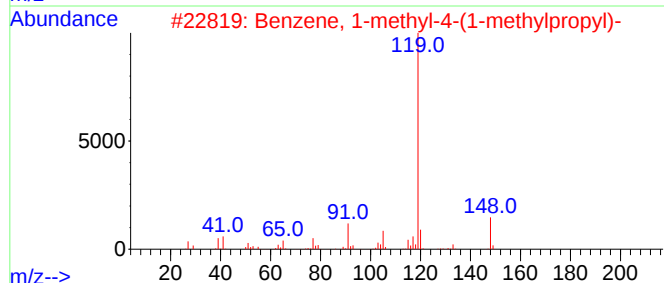
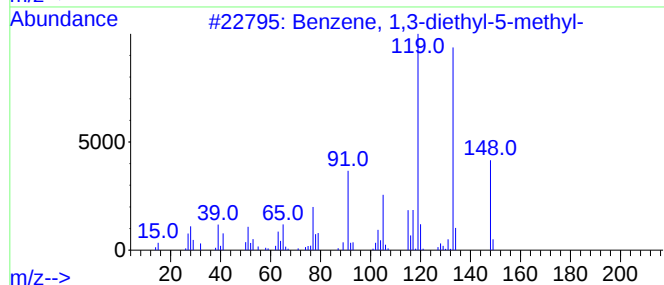
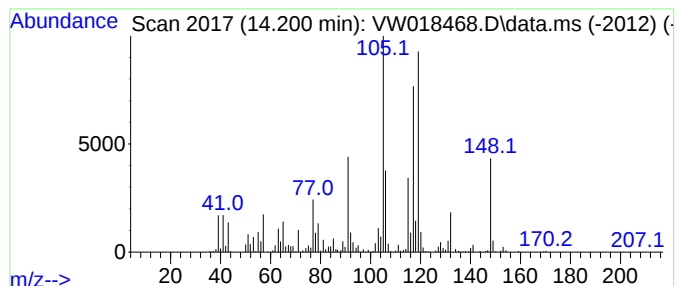
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	5.07 ug/L	304582	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	60
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	45
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	42
4			1-Phenyl-1-butene	132	C10H12	000824-90-8	42
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

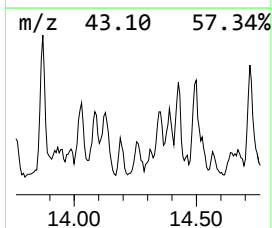
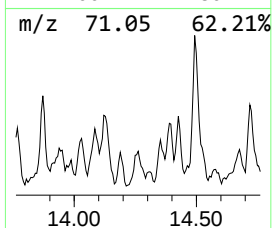
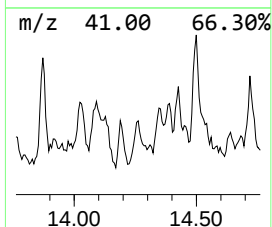
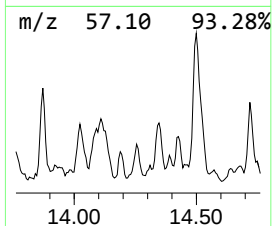
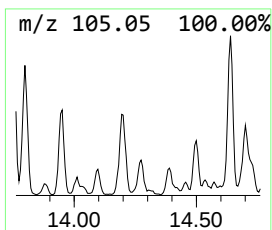
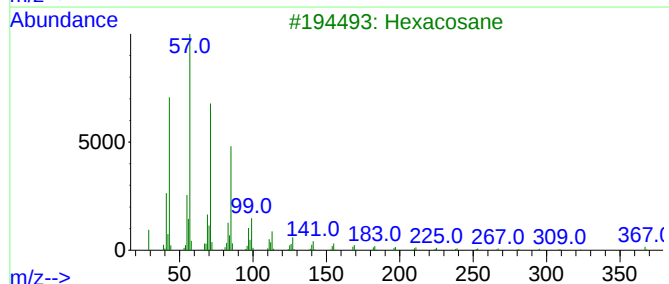
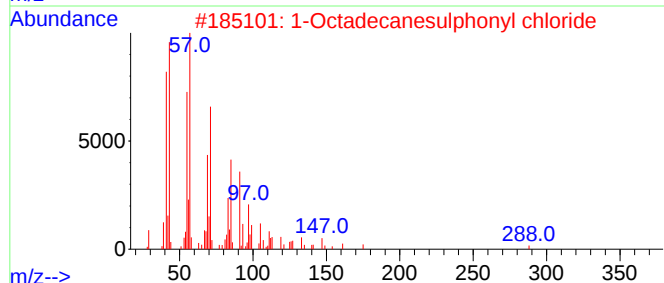
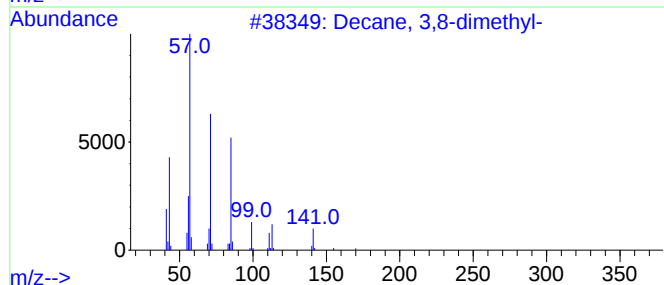
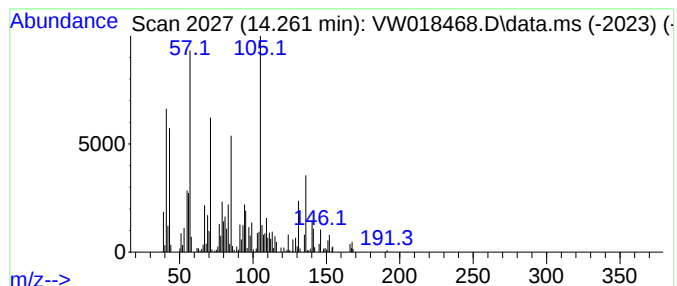
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	2.21 ug/L	132718	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	43
2		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	38
3		Hexacosane	366	C26H54	000630-01-3	38
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	38
5		Heptacosane	380	C27H56	000593-49-7	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

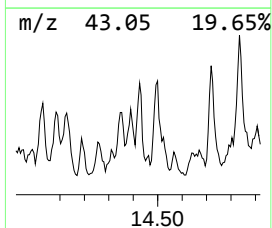
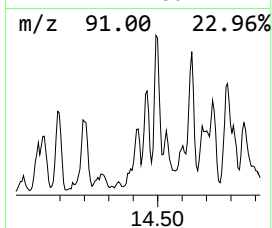
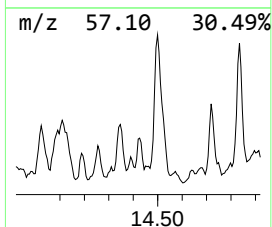
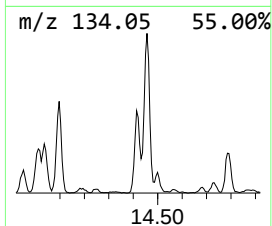
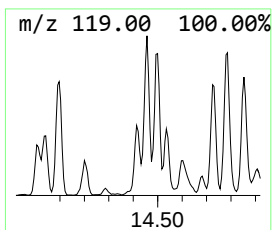
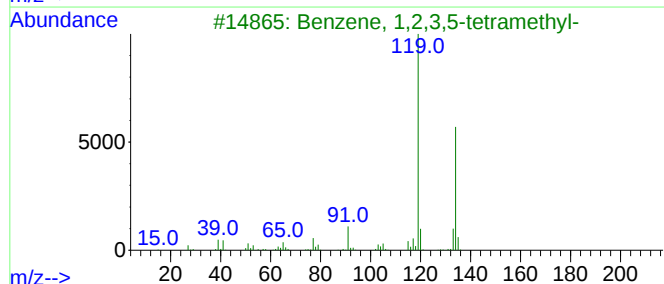
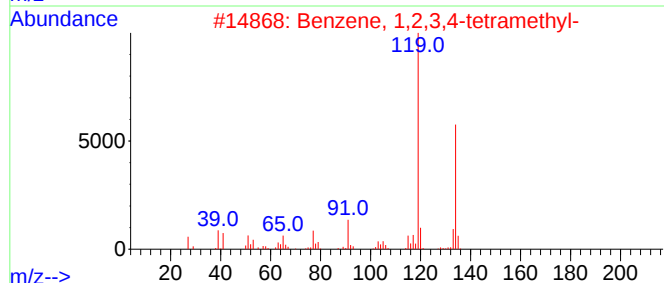
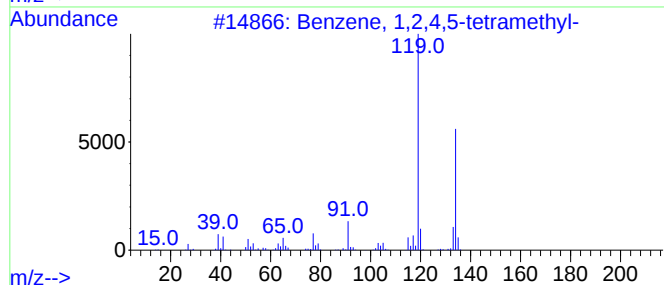
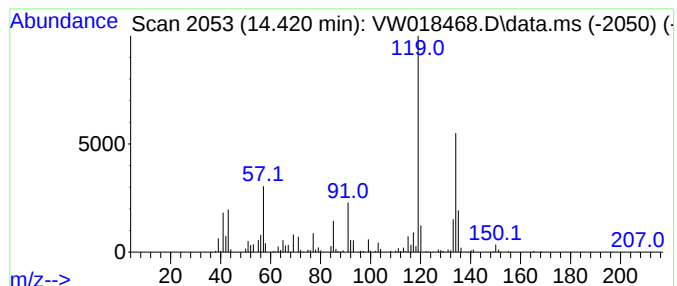
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.420	1.90 ug/L	114080	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

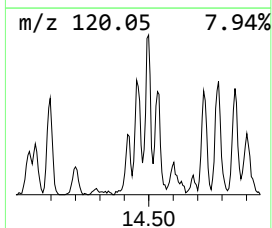
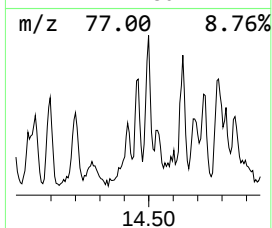
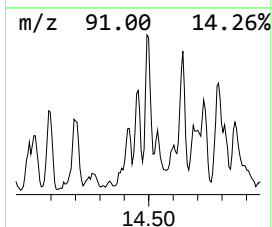
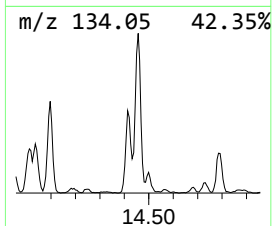
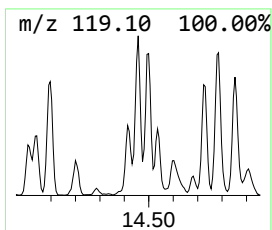
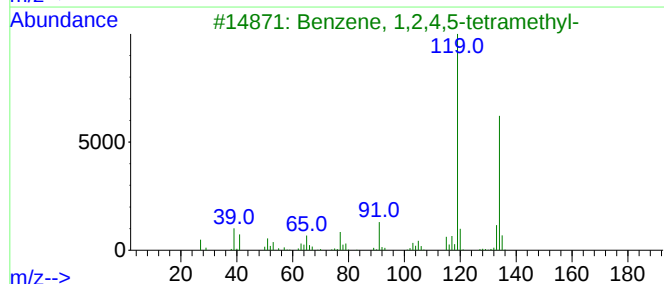
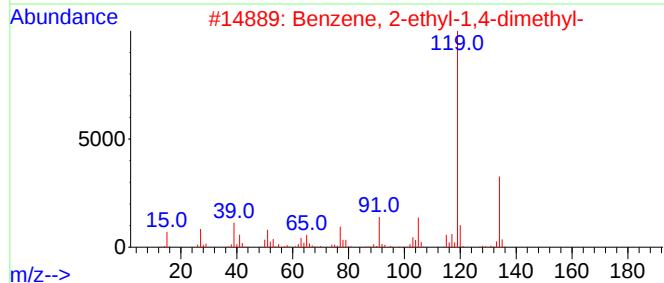
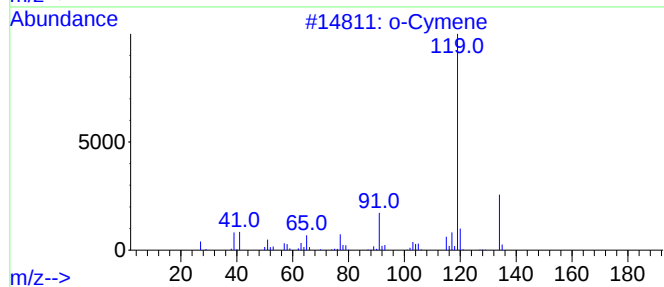
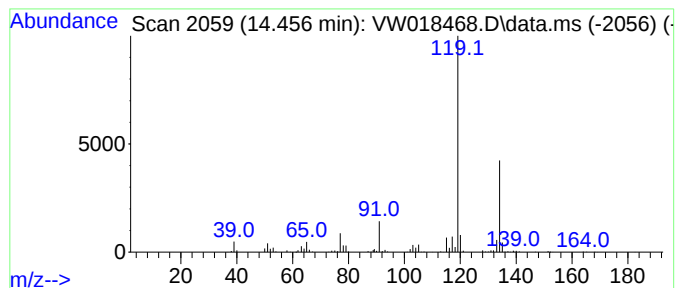
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, 1-methyl-3-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.456	3.71 ug/L	222932	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5			o-Cymene	134	C10H14	000527-84-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

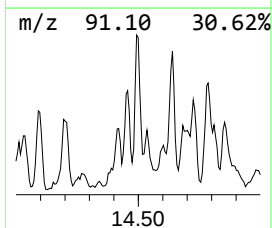
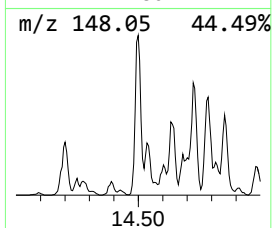
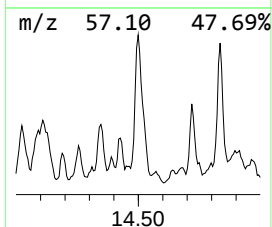
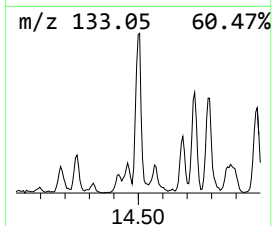
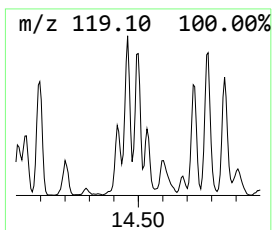
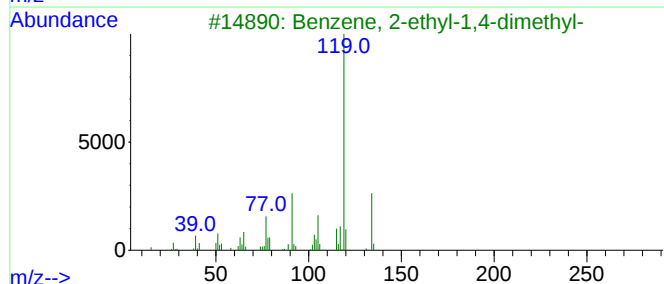
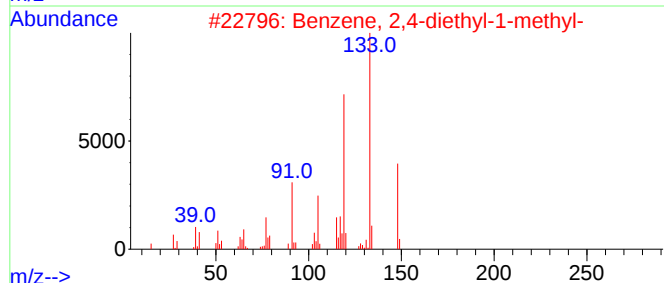
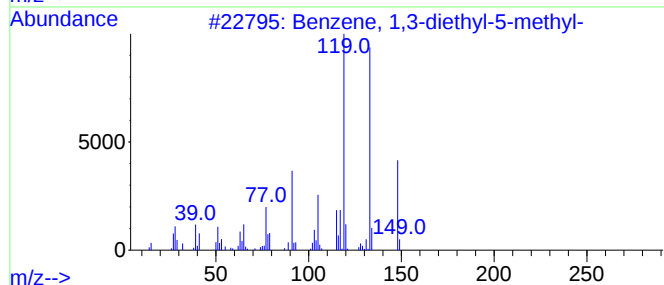
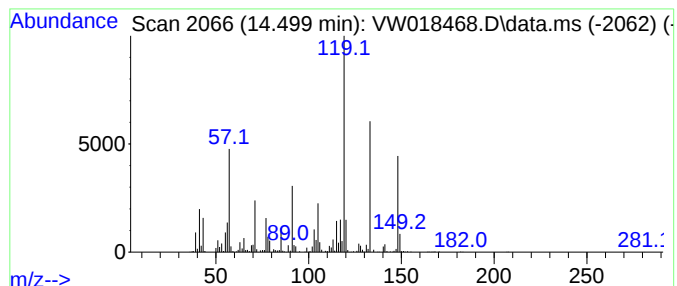
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	9.74 ug/L	585154	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	49
2			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	43
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43
4			4'-Methylpropiofenone	148	C10H12O	005337-93-9	43
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

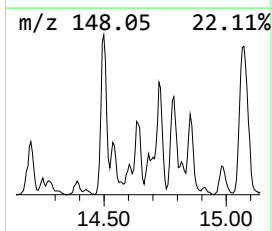
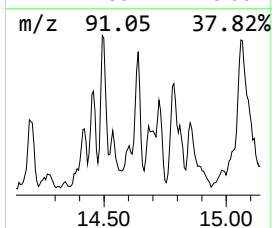
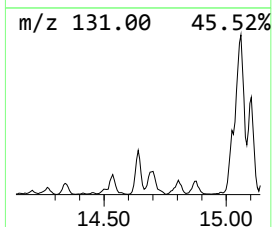
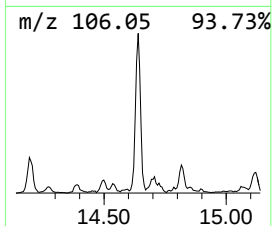
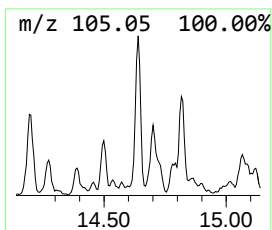
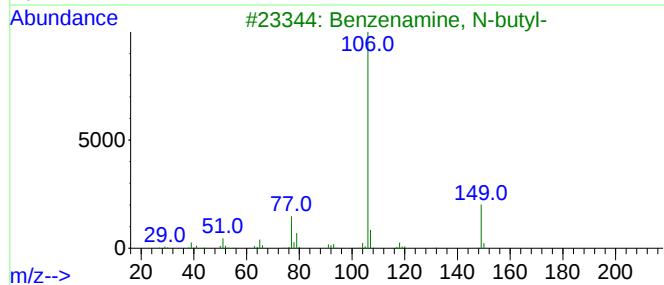
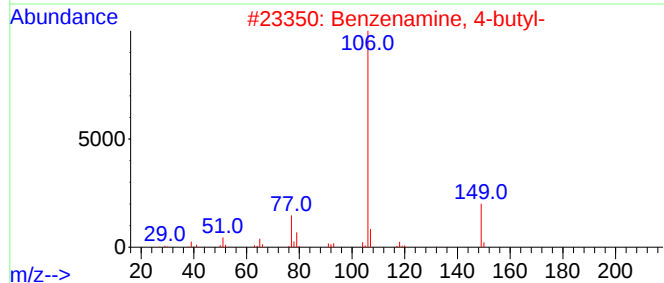
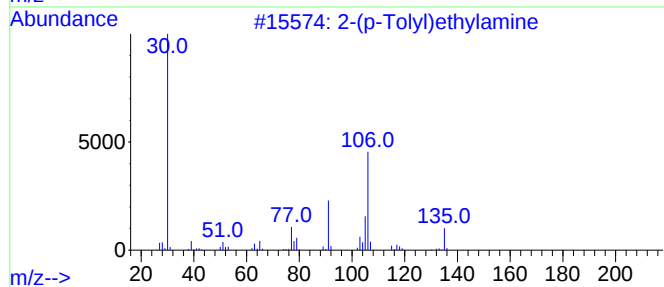
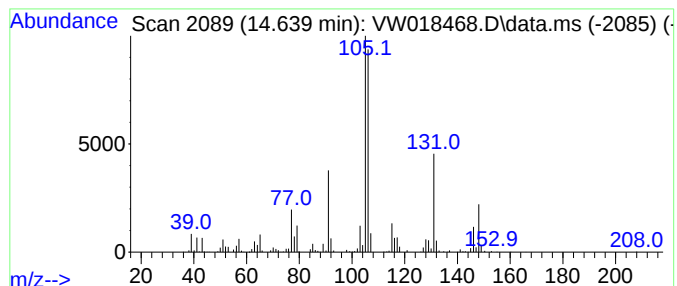
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	4.52 ug/L	271385	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	47	
2	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	38	
3	Benzenamine, N-butyl-	149	C10H15N	001126-78-9	38	
4	1-Hexen-4-ol, 3-methyl-5-phenyl-	190	C13H18O	1000196-46-1	38	
5	Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	38	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

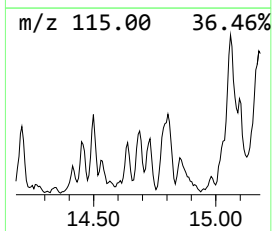
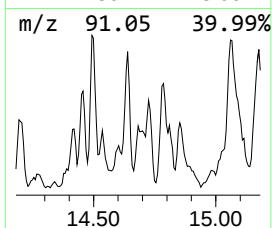
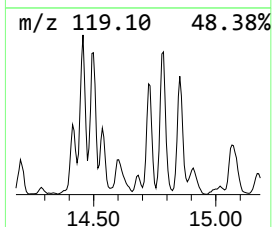
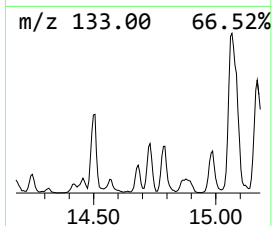
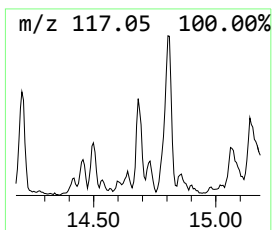
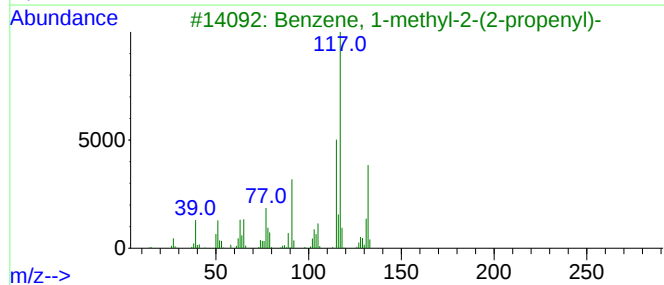
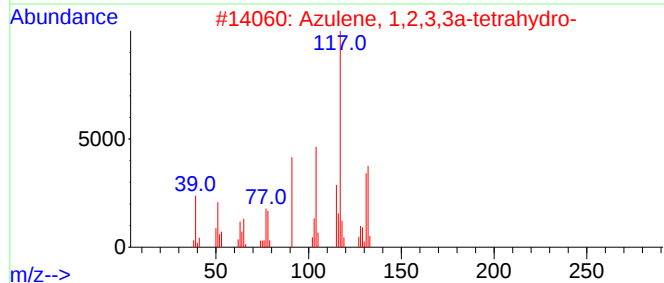
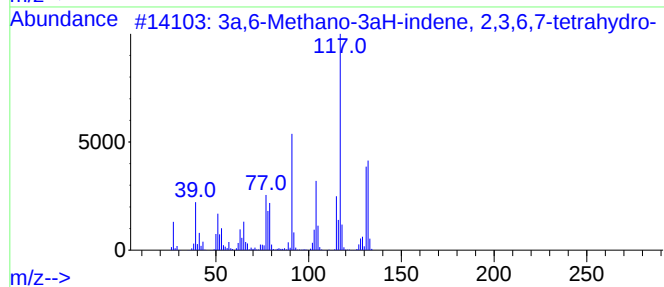
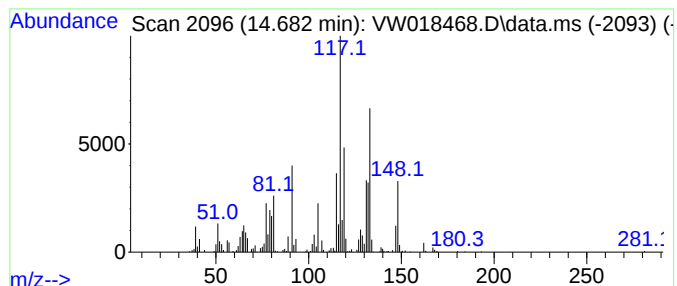
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 3a,6-Methano-3aH-indene, 2,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.682	3.91 ug/L	234806	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	70
2			Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	55
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
4			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	50
5			3-Buten-1-ol, 4-phenyl-	148	C10H12O	000937-58-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

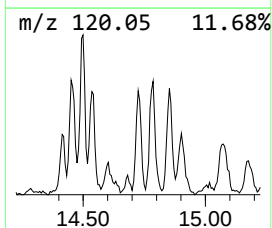
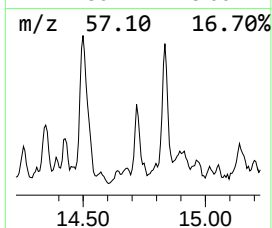
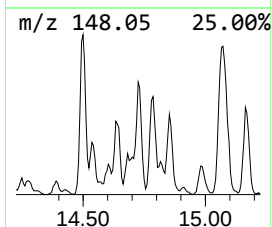
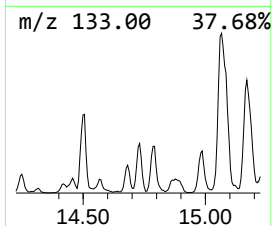
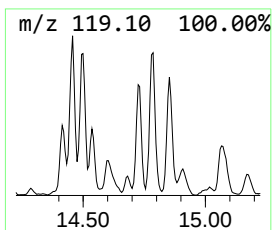
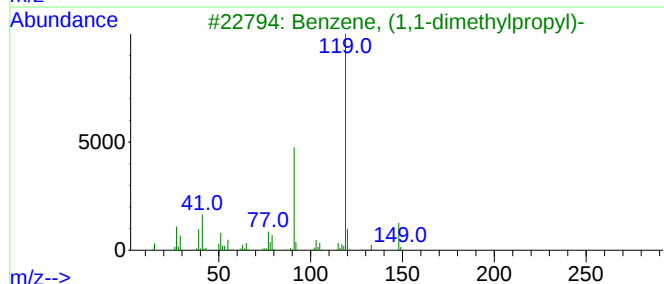
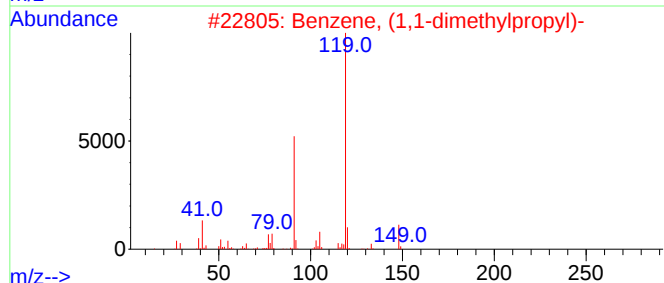
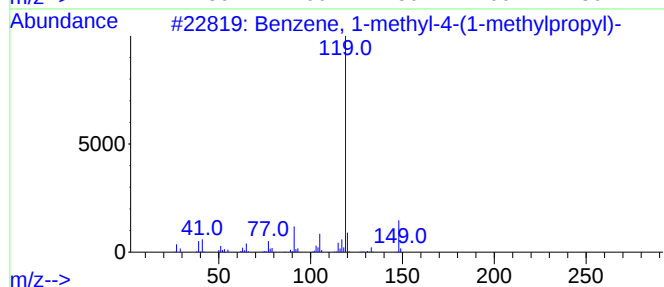
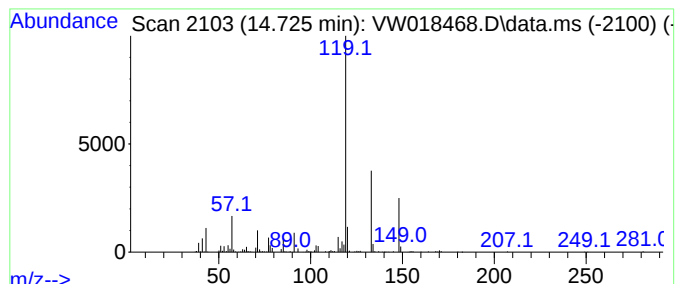
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Benzene, 1-methyl-4-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.725	6.80 ug/L	408524	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
5			2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

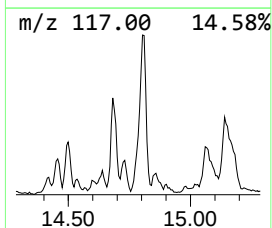
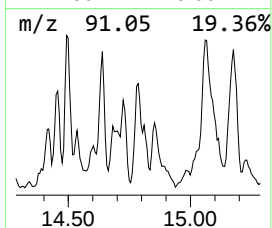
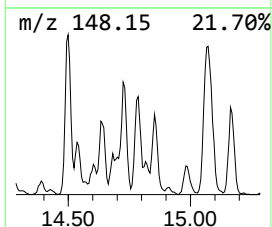
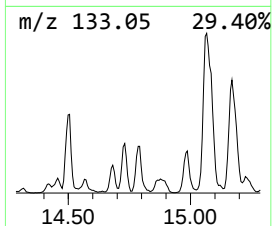
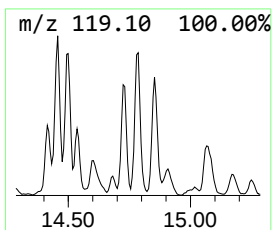
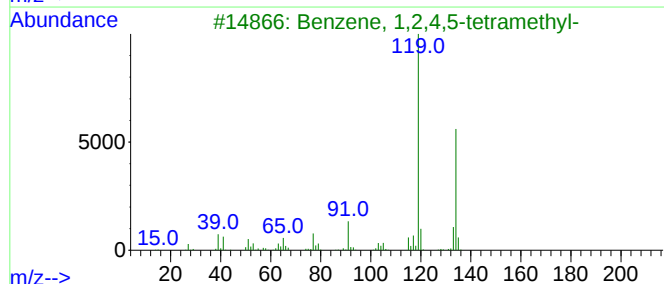
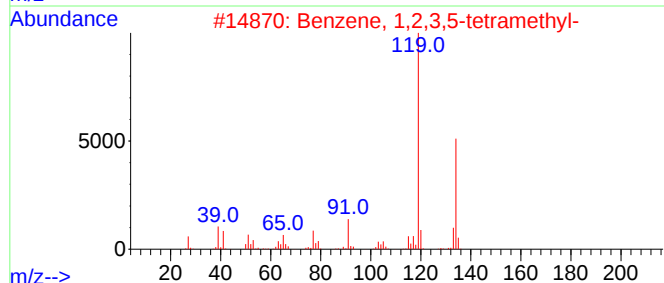
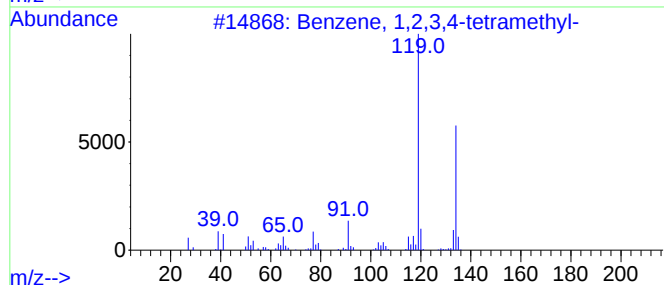
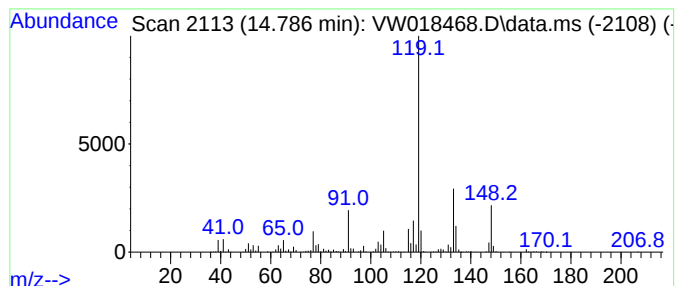
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	11.75 ug/L	706293	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
4			o-Cymene	134	C10H14	000527-84-4	70
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

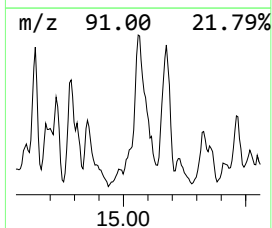
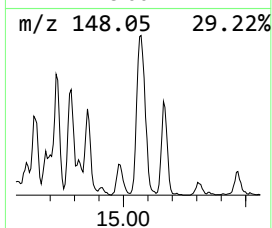
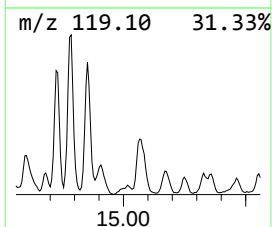
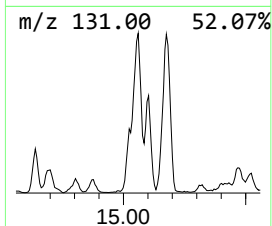
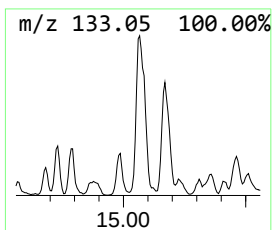
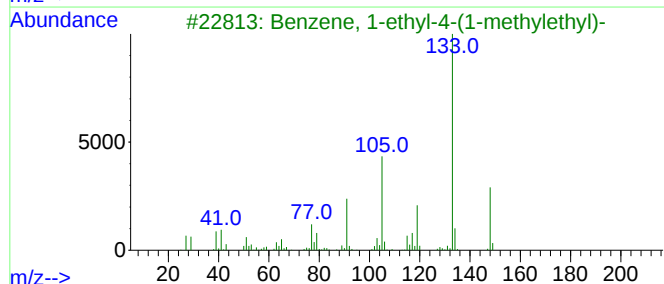
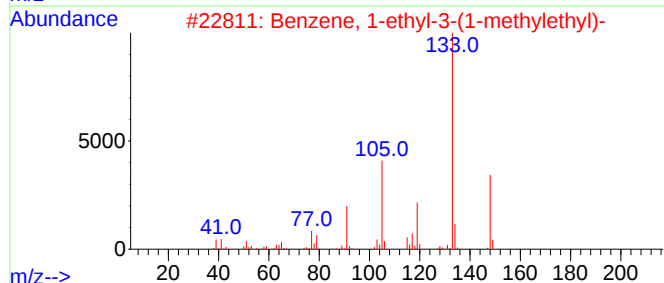
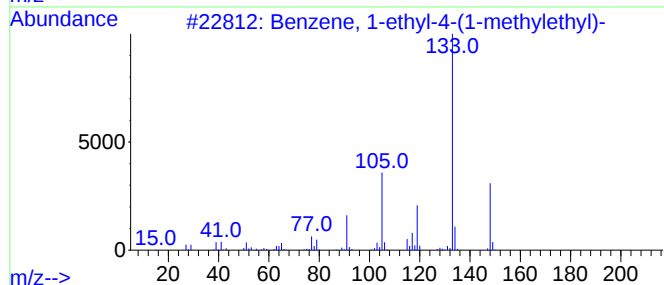
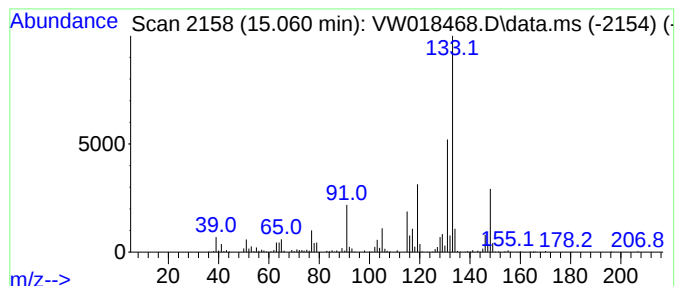
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	15.85 ug/L	952365	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	62
2			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	58
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
4			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	52
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

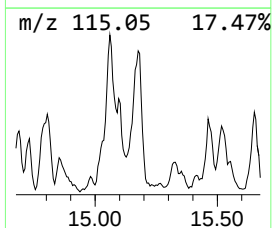
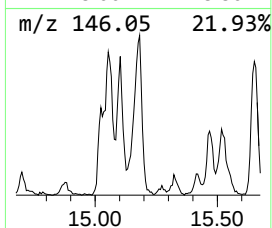
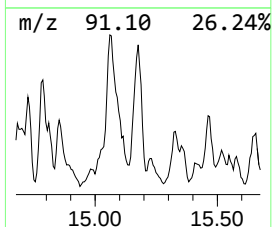
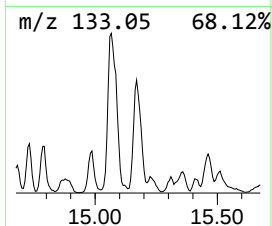
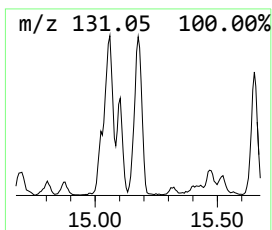
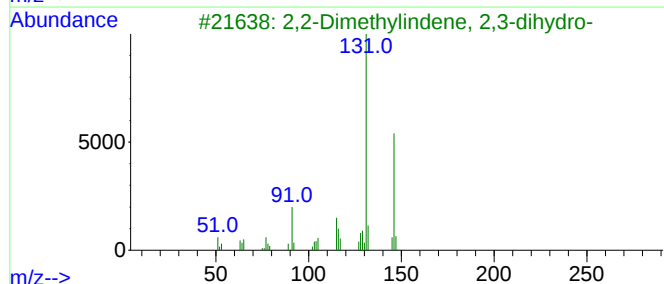
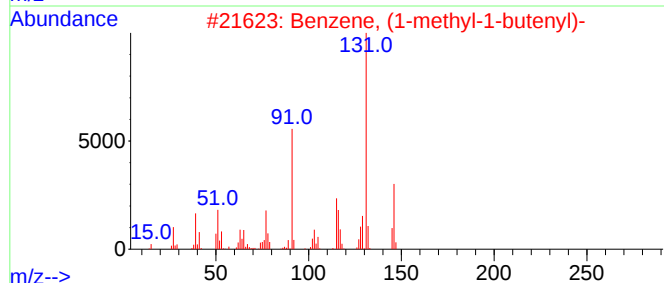
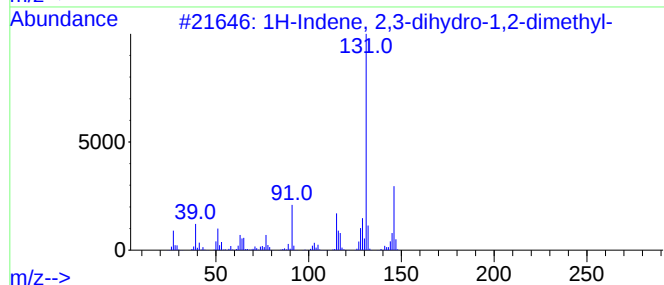
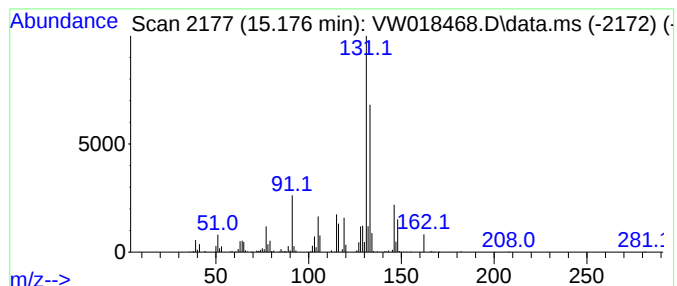
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.176	13.16 ug/L	790655	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
2			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
3			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

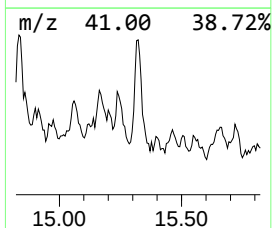
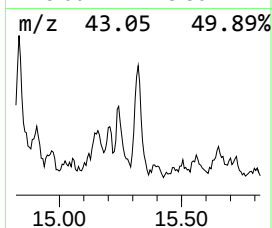
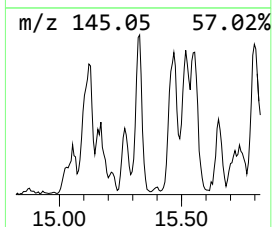
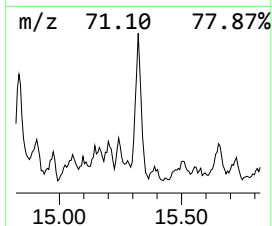
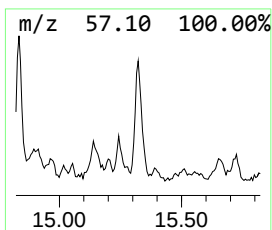
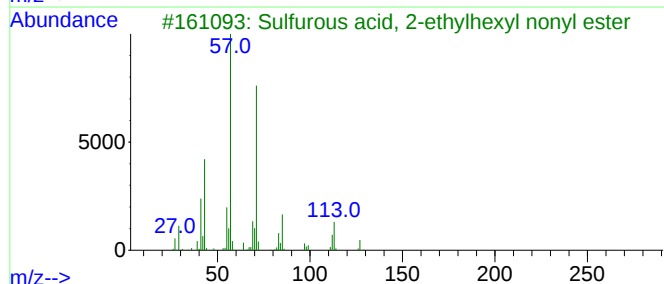
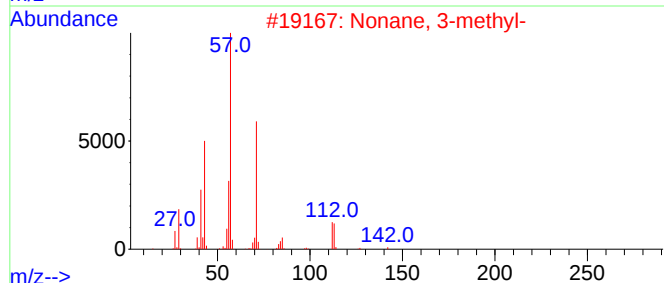
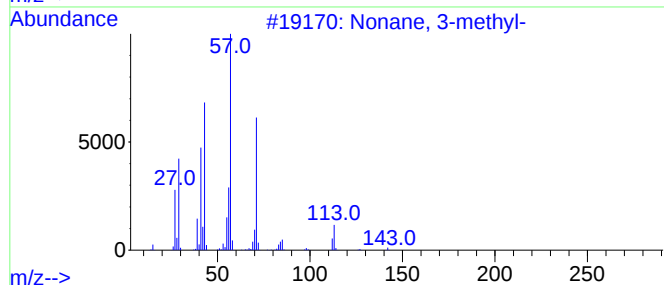
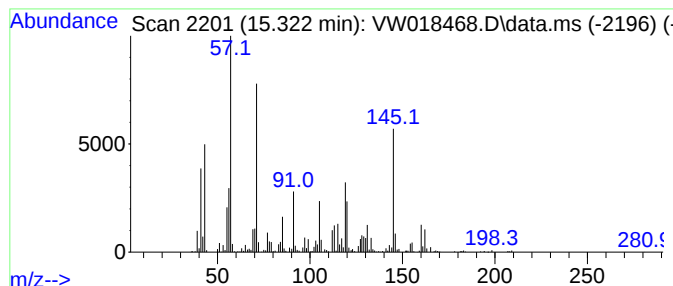
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	8.22 ug/L	494067	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	42
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	30
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	30
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	30
5			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

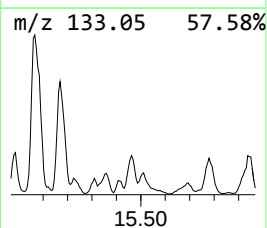
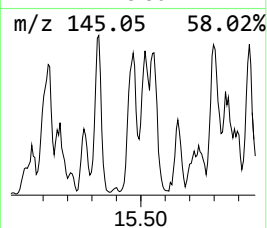
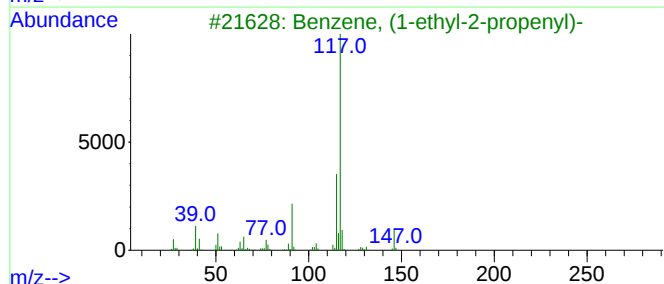
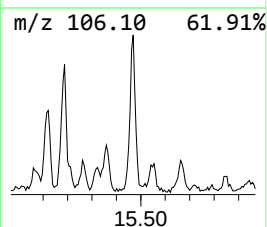
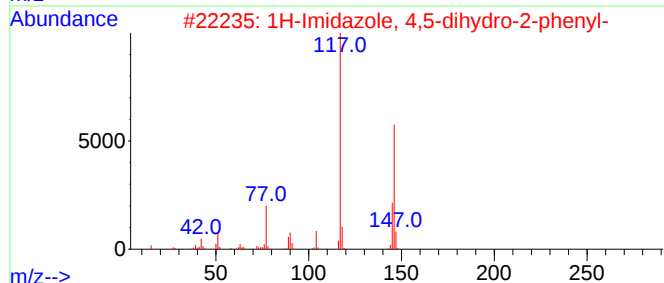
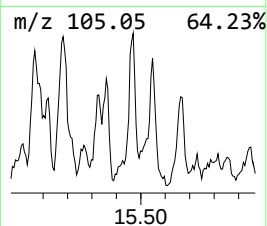
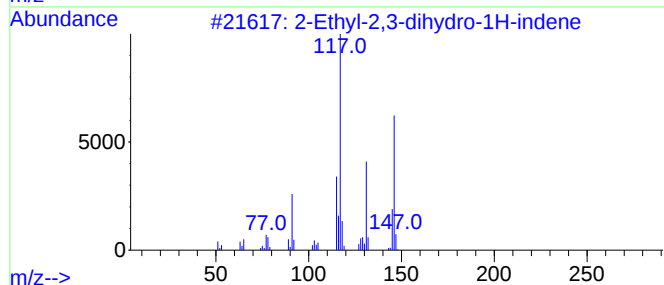
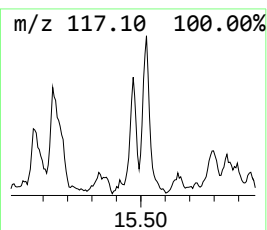
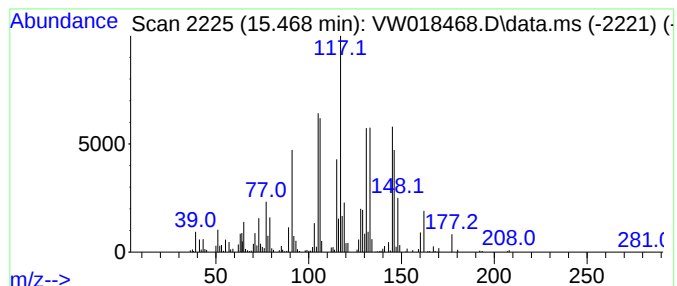
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 unknown-03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.469	3.42 ug/L	205234	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	35
2			1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	25
3			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	25
4			3-Buten-1-ol, 4-phenyl-	148	C10H12O	000937-58-6	25
5			Benzene, 1-pentenyl-	146	C11H14	000826-18-6	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

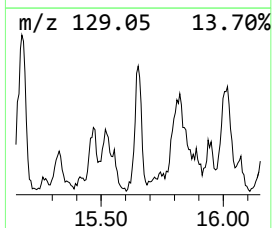
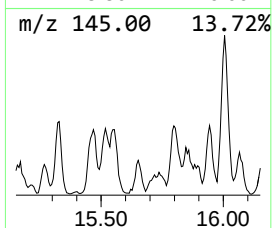
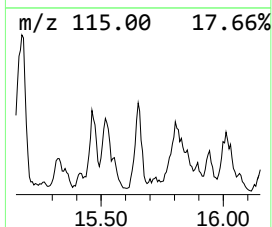
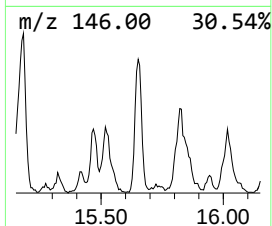
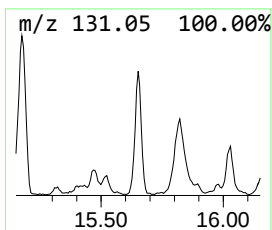
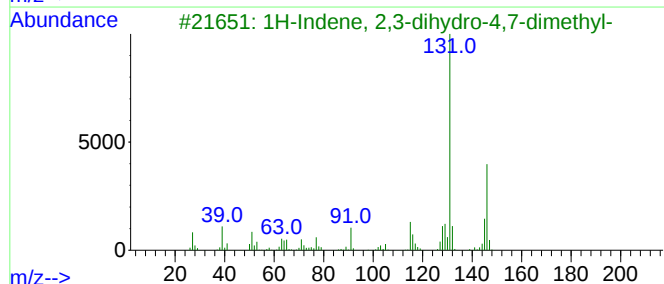
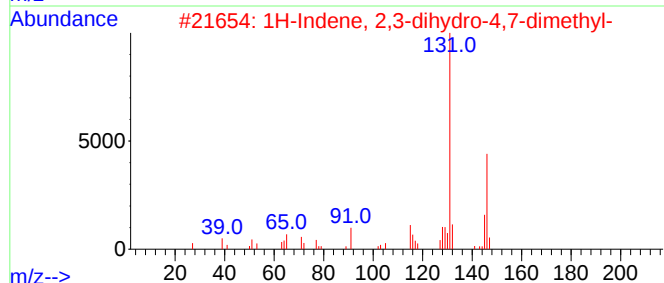
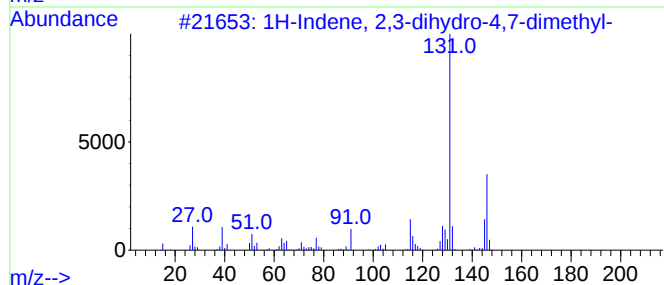
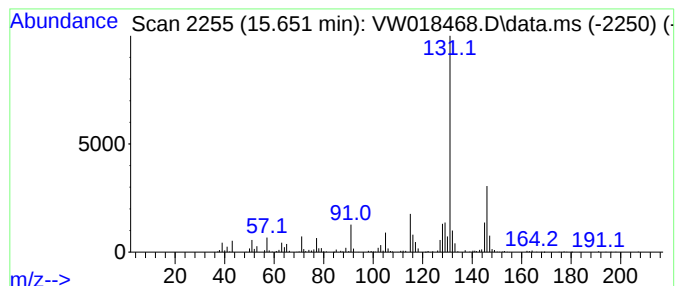
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	5.77 ug/L	346555	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018468.D
Acq On : 26 Mar 2021 13:41
Operator : SY/VA
Sample : M1816-06
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3L4

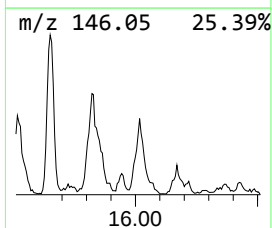
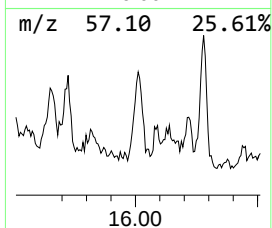
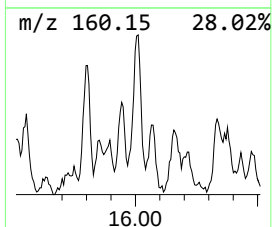
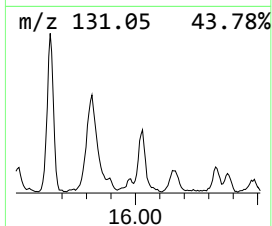
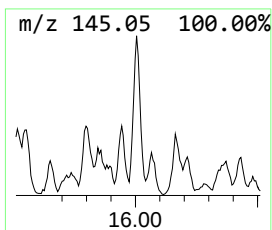
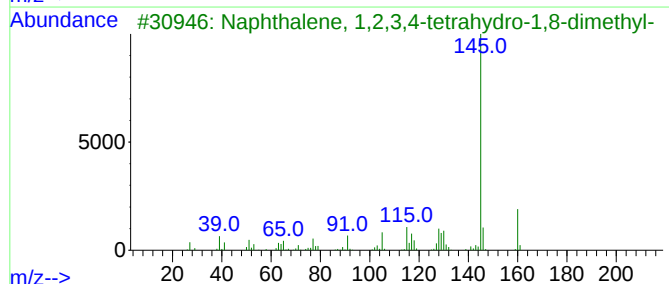
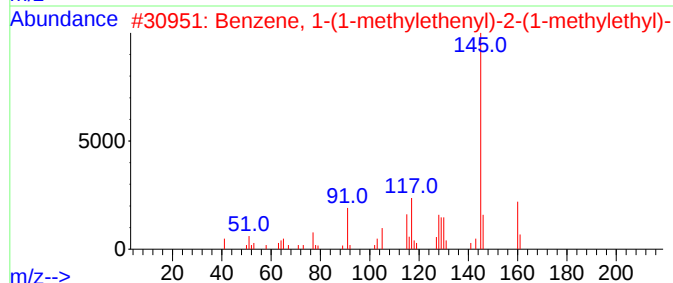
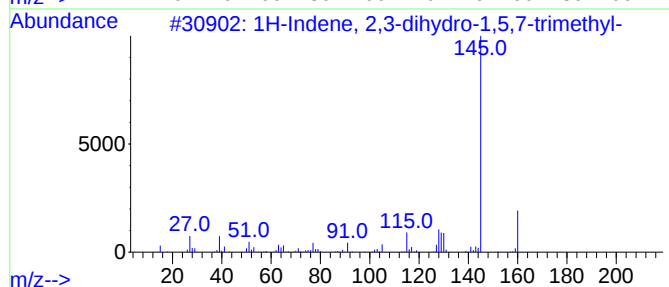
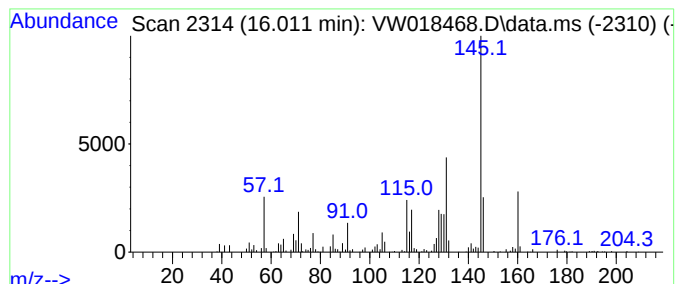
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 1H-Indene, 2,3-dihydro-1,5,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.011	4.58 ug/L	275013	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	64
2			Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	62
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	59
4			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	58
5			Ethanone, 1-[4-(1-methylethenyl)]...	160	C11H12O	005359-04-6	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
 Data File : VW018468.D
 Acq On : 26 Mar 2021 13:41
 Operator : SY/VA
 Sample : M1816-06
 Misc : 5.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3L4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	11.408	2.4	ug/L	160262	2	11.634	1656560	25.0
(DEL) Alkane: S...	11.512	1.8	ug/L	118312	2	11.634	1656560	25.0
(DEL) Alkane: S...	11.878	1.3	ug/L	88285	2	11.634	1656560	25.0
(DEL) Alkane: S...	12.591	5.4	ug/L	358229	2	11.634	1656560	25.0
(DEL) Alkane: S...	12.756	2.1	ug/L	128384	3	13.560	1502340	25.0
(DEL) Alkane: S...	12.932	3.1	ug/L	186554	3	13.560	1502340	25.0
(DEL) Alkane: S...	13.292	1.4	ug/L	82859	3	13.560	1502340	25.0
Sulfurous acid,...	13.408	2.2	ug/L	134097	3	13.560	1502340	25.0
Benzene, 1,2-di...	13.719	1.7	ug/L	99987	3	13.560	1502340	25.0
Benzene, 1-meth...	13.749	4.6	ug/L	276526	3	13.560	1502340	25.0
Benzene, 1-meth...	13.798	2.2	ug/L	130308	3	13.560	1502340	25.0
o-Cymene	14.036	4.8	ug/L	287764	3	13.560	1502340	25.0
Benzene, 2-ethy...	14.091	8.2	ug/L	495021	3	13.560	1502340	25.0
Benzene, 1,3-di...	14.200	5.1	ug/L	304582	3	13.560	1502340	25.0
(DEL) Alkane: S...	14.261	2.2	ug/L	132718	3	13.560	1502340	25.0
Benzene, 1,2,4,...	14.420	1.9	ug/L	114080	3	13.560	1502340	25.0
Benzene, 1-meth...	14.456	3.7	ug/L	222932	3	13.560	1502340	25.0
unknown-01	14.499	9.7	ug/L	585154	3	13.560	1502340	25.0
unknown-02	14.639	4.5	ug/L	271385	3	13.560	1502340	25.0
3a,6-Methano-3a...	14.682	3.9	ug/L	234806	3	13.560	1502340	25.0
Benzene, 1-meth...	14.725	6.8	ug/L	408524	3	13.560	1502340	25.0
Benzene, 1,2,3,...	14.786	11.8	ug/L	706293	3	13.560	1502340	25.0
Benzene, 1-ethy...	15.060	15.9	ug/L	952365	3	13.560	1502340	25.0
1H-Indene, 2,3-...	15.176	13.2	ug/L	790655	3	13.560	1502340	25.0
(DEL) Alkane: S...	15.322	8.2	ug/L	494067	3	13.560	1502340	25.0
unknown-03	15.469	3.4	ug/L	205234	3	13.560	1502340	25.0
1H-Indene, 2,3-...	15.651	5.8	ug/L	346555	3	13.560	1502340	25.0
1H-Indene, 2,3-...	16.011	4.6	ug/L	275013	3	13.560	1502340	25.0