

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031319\
 Data File : VW009166.D
 Acq On : 13 Mar 2019 20:03
 Operator : SY/VA
 Sample : K1895-01
 Misc : 4.35G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OILY-SOIL

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.958	478	501	515	rBV	452230	1966812	3.82%	0.223%
2	6.976	823	832	842	rBV	505089	1481183	2.88%	0.168%
3	7.939	970	990	999	rBV6	1449639	5805854	11.28%	0.657%
4	8.031	999	1005	1016	rVB	479684	1226353	2.38%	0.139%
5	8.153	1016	1025	1032	rBV	1260491	2833595	5.50%	0.321%
6	8.433	1062	1071	1075	rBV2	521309	1300350	2.53%	0.147%
7	8.506	1075	1083	1089	rVV2	541421	1826266	3.55%	0.207%
8	8.836	1127	1137	1149	rBV3	1104893	2965164	5.76%	0.336%
9	9.335	1203	1219	1225	rBV	4403246	10130273	19.67%	1.146%
10	9.756	1282	1288	1298	rVB3	641640	1327364	2.58%	0.150%
11	9.848	1298	1303	1307	rBV	728437	1338911	2.60%	0.152%
12	9.896	1307	1311	1316	rVB2	787517	1303969	2.53%	0.148%
13	9.957	1316	1321	1325	rBV	1545557	2851880	5.54%	0.323%
14	10.098	1334	1344	1355	rBV	1840297	4158369	8.08%	0.471%
15	10.323	1374	1381	1386	rBV	2511409	5146828	10.00%	0.582%
16	10.506	1404	1411	1418	rVV6	1220294	3294237	6.40%	0.373%
17	10.665	1432	1437	1444	rBV2	820844	1754542	3.41%	0.199%
18	10.744	1444	1450	1462	rBV4	1487126	3813100	7.41%	0.432%
19	10.847	1462	1467	1472	rVB2	732152	1373161	2.67%	0.155%
20	10.939	1472	1482	1486	rBV2	1052602	2327039	4.52%	0.263%
21	11.036	1494	1498	1505	rVB2	1116572	2555113	4.96%	0.289%
22	11.140	1511	1515	1518	rVV2	750203	1245220	2.42%	0.141%
23	11.183	1518	1522	1526	rVV2	1161218	2131822	4.14%	0.241%
24	11.232	1526	1530	1533	rVV2	978378	1770567	3.44%	0.200%
25	11.280	1534	1538	1543	rVV4	890865	1921431	3.73%	0.217%
26	11.341	1543	1548	1551	rVV	1159052	1804736	3.51%	0.204%
27	11.414	1551	1560	1571	rVB3	3528444	9433568	18.32%	1.068%
28	11.512	1571	1576	1582	rBV	3287733	5763150	11.19%	0.652%
29	11.634	1590	1596	1601	rBV2	1843040	3236952	6.29%	0.366%
30	11.731	1607	1612	1616	rBV4	1023528	1643253	3.19%	0.186%
31	11.847	1620	1631	1634	rBV2	2973456	6766678	13.14%	0.766%
32	12.067	1663	1667	1673	rVB4	667436	1372813	2.67%	0.155%
33	12.140	1673	1679	1680	rBV3	2099236	3181600	6.18%	0.360%
34	12.164	1680	1683	1691	rVB	2840618	5131750	9.97%	0.581%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031319\
 Data File : VW009166.D
 Acq On : 13 Mar 2019 20:03
 Operator : SY/VA
 Sample : K1895-01
 Misc : 4.35G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OILY-SOIL

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Title : SW846 8260

35	12.256	1692	1698	1702	rVB	1700269	2620714	5.09%	0.297%
36	12.335	1702	1711	1714	rBV4	1266344	3279088	6.37%	0.371%
37	12.378	1714	1718	1722	rVB4	861787	1696555	3.30%	0.192%
38	12.512	1735	1740	1742	rBV3	1007462	1916308	3.72%	0.217%
39	12.542	1743	1745	1747	rVV	1470731	1794078	3.48%	0.203%
40	12.567	1747	1749	1753	rVB	2310167	2974448	5.78%	0.337%
41	12.621	1753	1758	1760	rBV4	886234	1387762	2.70%	0.157%
42	12.652	1760	1763	1767	rVB	2790716	3729814	7.24%	0.422%
43	12.701	1767	1771	1776	rBV2	944592	1528624	2.97%	0.173%
44	12.804	1782	1788	1792	rVB3	1141980	2239846	4.35%	0.253%
45	12.871	1792	1799	1801	rBV	6884864	11897278	23.11%	1.346%
46	12.902	1801	1804	1807	rVV	15111207	22925118	44.53%	2.594%
47	12.945	1807	1811	1817	rVV2	24671475	40814021	79.27%	4.619%
48	13.103	1829	1837	1844	rBV	13007494	24984487	48.52%	2.828%
49	13.170	1844	1848	1854	rVV2	2811275	4673646	9.08%	0.529%
50	13.256	1854	1862	1866	rVV	9686233	16301924	31.66%	1.845%
51	13.298	1866	1869	1873	rVB	1657748	2235884	4.34%	0.253%
52	13.353	1874	1878	1885	rBV5	1182779	3484041	6.77%	0.394%
53	13.414	1885	1888	1889	rVV	1248278	1532750	2.98%	0.173%
54	13.445	1889	1893	1897	rVV2	3880100	6976498	13.55%	0.790%
55	13.493	1897	1901	1904	rVV2	3620757	6236167	12.11%	0.706%
56	13.524	1904	1906	1908	rVV	2493039	2886395	5.61%	0.327%
57	13.591	1912	1917	1921	rVV	19225255	32530781	63.18%	3.682%
58	13.627	1921	1923	1930	rVB	3492053	4717589	9.16%	0.534%
59	13.725	1930	1939	1940	rBV2	7387822	11661160	22.65%	1.320%
60	13.755	1940	1944	1947	rVV2	19667712	33086043	64.26%	3.744%
61	13.798	1947	1951	1959	rVV2	21615128	40369869	78.41%	4.569%
62	13.877	1959	1964	1969	rVV	14014548	20687662	40.18%	2.341%
63	13.951	1972	1976	1981	rVV	6013126	10974850	21.32%	1.242%
64	14.018	1982	1987	1989	rVV	10689872	18648031	36.22%	2.110%
65	14.042	1989	1991	1996	rVV	10188411	14405698	27.98%	1.630%
66	14.103	1996	2001	2005	rVV	24874483	37698105	73.22%	4.266%
67	14.164	2007	2011	2014	rVV	4326721	6997128	13.59%	0.792%
68	14.213	2014	2019	2024	rVV2	17082641	27821219	54.03%	3.149%
69	14.268	2024	2028	2034	rVB5	2211099	4511817	8.76%	0.511%
70	14.347	2035	2041	2045	rBV4	5852425	12268035	23.83%	1.388%
71	14.426	2045	2054	2057	rVV	14742070	33283882	64.64%	3.767%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031319\
 Data File : VW009166.D
 Acq On : 13 Mar 2019 20:03
 Operator : SY/VA
 Sample : K1895-01
 Misc : 4.35G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OILY-SOIL

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % 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\82W030719S.M
 Title : SW846 8260

72	14.463	2057	2060	2064	rVV	14423012	20183935	39.20%	2.284%
73	14.505	2064	2067	2070	rVV	10499096	13869721	26.94%	1.570%
74	14.548	2070	2074	2080	rVB	6259931	9597726	18.64%	1.086%
75	14.609	2080	2084	2086	rBV	1796253	2521082	4.90%	0.285%
76	14.646	2086	2090	2094	rVV	6256159	8633131	16.77%	0.977%
77	14.694	2094	2098	2101	rVV	13686439	23309857	45.27%	2.638%
78	14.731	2101	2104	2110	rVB2	16586885	24651180	47.88%	2.790%
79	14.810	2110	2117	2122	rBV3	22172355	51488187	100.00%	5.827%
80	14.859	2122	2125	2131	rVB2	6574632	12069885	23.44%	1.366%
81	14.963	2138	2142	2148	rBV2	3091504	5205649	10.11%	0.589%
82	15.030	2149	2153	2155	rVV3	3210234	4982404	9.68%	0.564%
83	15.072	2155	2160	2163	rVV2	10819098	20924808	40.64%	2.368%
84	15.109	2163	2166	2171	rVV	6068071	10565948	20.52%	1.196%
85	15.188	2172	2179	2186	rVB2	8700303	19963308	38.77%	2.259%
86	15.334	2198	2203	2207	rBV3	4040193	7646154	14.85%	0.865%
87	15.426	2214	2218	2221	rBV2	1323824	2030608	3.94%	0.230%
88	15.475	2222	2226	2231	rBV2	3625131	6054077	11.76%	0.685%
89	15.560	2237	2240	2249	rVB3	5753626	10061458	19.54%	1.139%
90	15.664	2249	2257	2264	rBV3	4436001	10128728	19.67%	1.146%
91	15.737	2265	2269	2274	rVV	1370268	2600338	5.05%	0.294%
92	15.828	2277	2284	2287	rVV3	2360397	6148988	11.94%	0.696%
93	15.871	2287	2291	2300	rVV	2997041	6008475	11.67%	0.680%
94	15.956	2301	2305	2310	rVB3	904026	1447577	2.81%	0.164%
95	16.029	2311	2317	2324	rVB4	1423496	3600724	6.99%	0.408%
96	16.182	2334	2342	2347	rBV5	1392998	3464456	6.73%	0.392%
97	16.383	2370	2375	2380	rVV2	1444900	2710449	5.26%	0.307%
98	16.444	2380	2385	2391	rVV	1526757	3126024	6.07%	0.354%
99	16.505	2392	2395	2404	rVB3	678127	1180869	2.29%	0.134%
100	16.651	2413	2419	2434	rVB	1851788	5473355	10.63%	0.619%

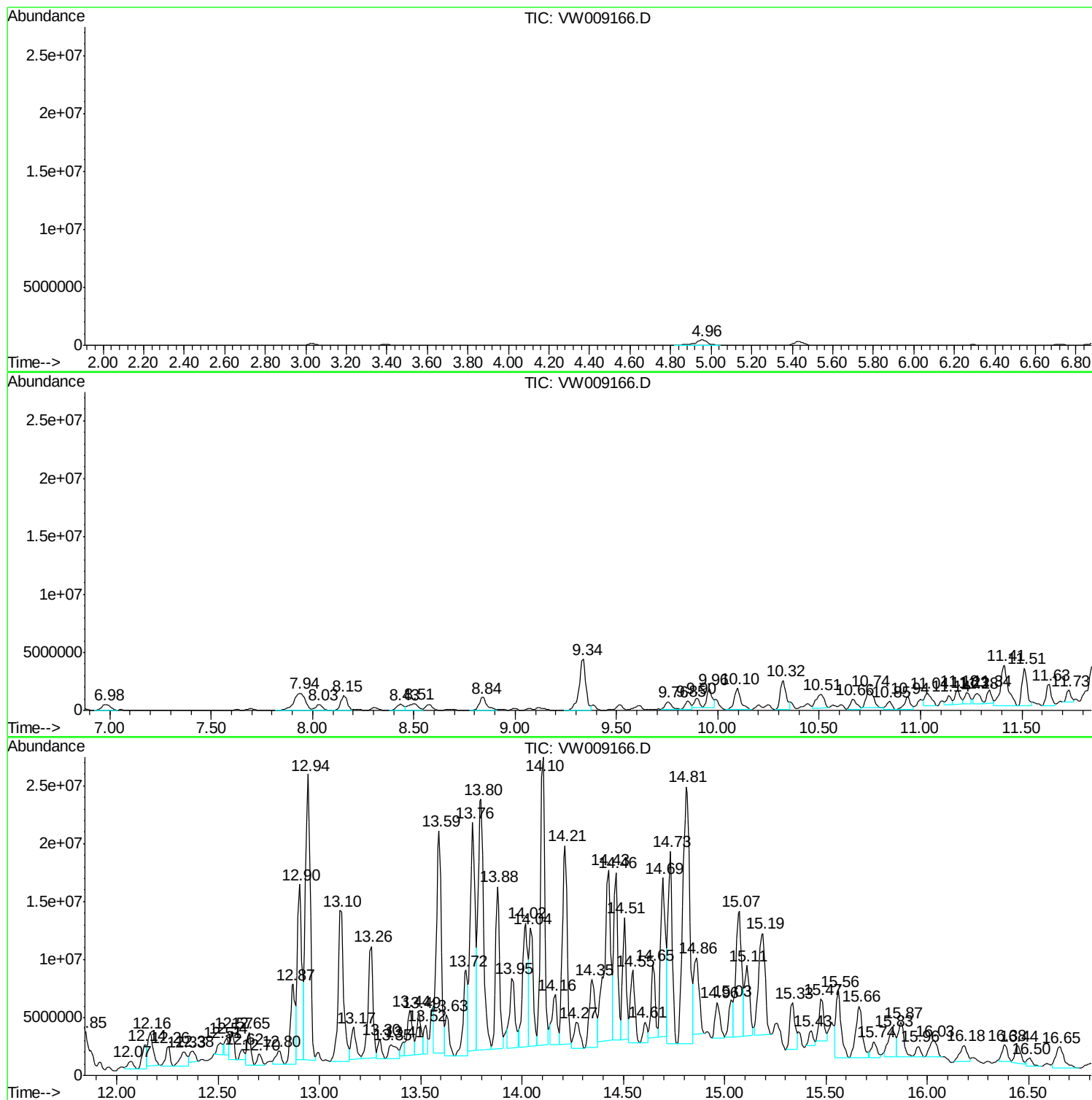
Sum of corrected areas: 883610319

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031319\
Data File : VW009166.D
Acq On : 13 Mar 2019 20:03
Operator : SY/VA
Sample : K1895-01
Misc : 4.35G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OILY-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031319\
Data File : VW009166.D
Acq On : 13 Mar 2019 20:03
Operator : SY/VA
Sample : K1895-01
Misc : 4.35G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

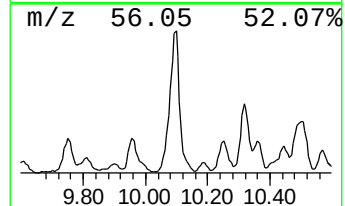
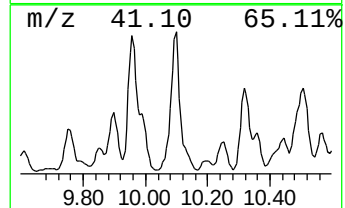
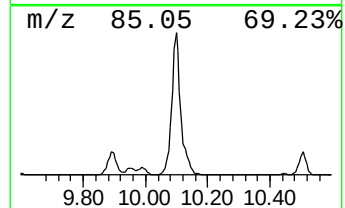
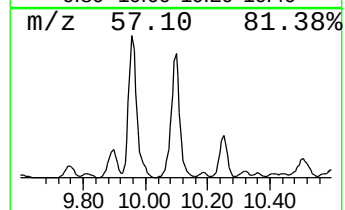
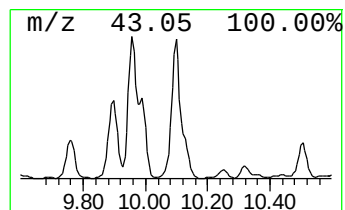
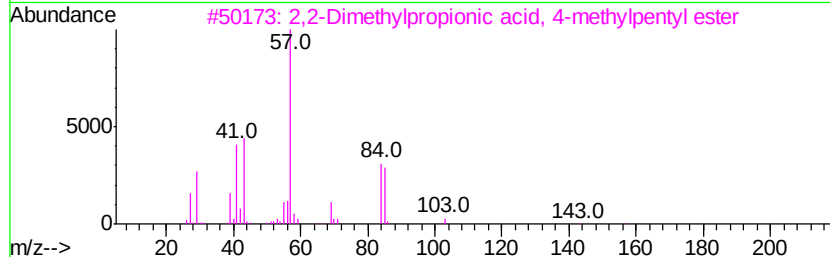
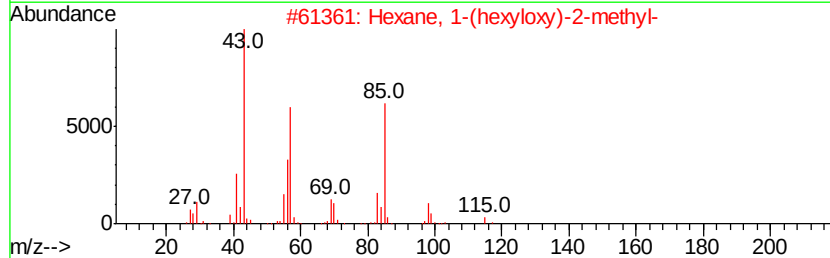
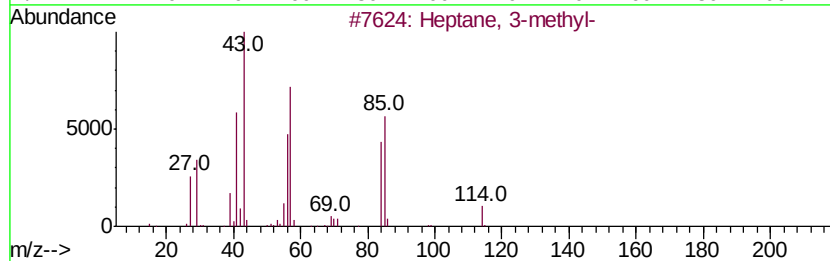
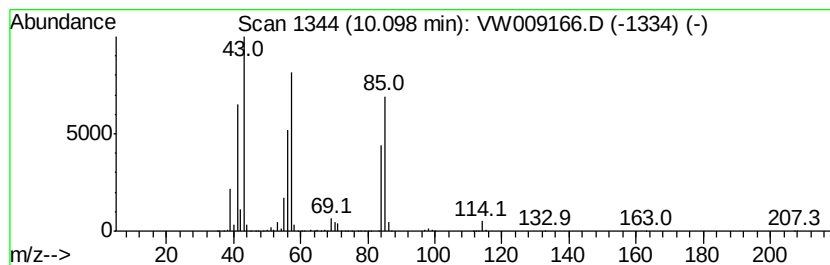
Instrument :
MSVOA_W
ClientSampled :
OILY-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260

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

Peak Number 1 Heptane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	70.12 ug/l	4158370	1,4-Difluorobenzene	8.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptane, 3-methyl-	114 C8H18	000589-81-1	94
2	Hexane, 1-(hexyloxy)-2-methyl-	200 C13H28O	074421-17-3	59
3	2,2-Dimethylpropionic acid, 4-me...	186 C11H22O2	150588-62-8	59
4	Heptane, 3,4,5-trimethyl-	142 C10H22	020278-89-1	59
5	Hexane, 2,4-dimethyl-	114 C8H18	000589-43-5	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031319\
Data File : VW009166.D
Acq On : 13 Mar 2019 20:03
Operator : SY/VA
Sample : K1895-01
Misc : 4.35G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OILY-SOIL

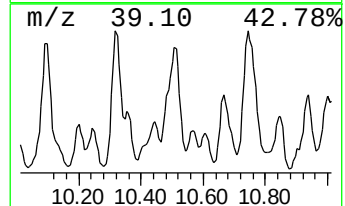
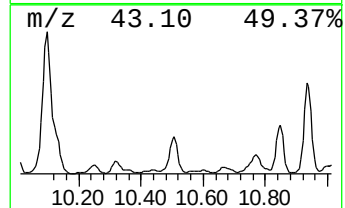
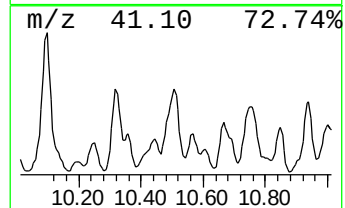
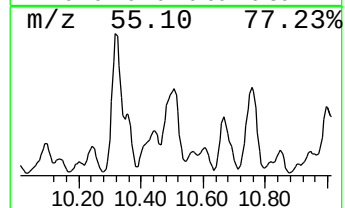
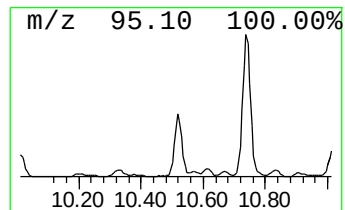
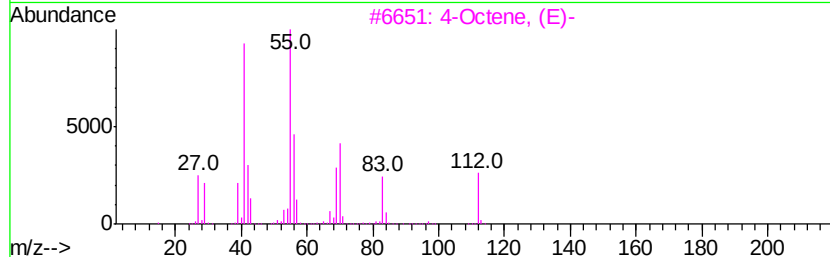
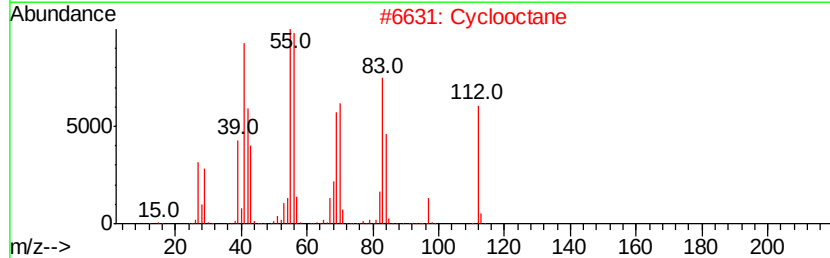
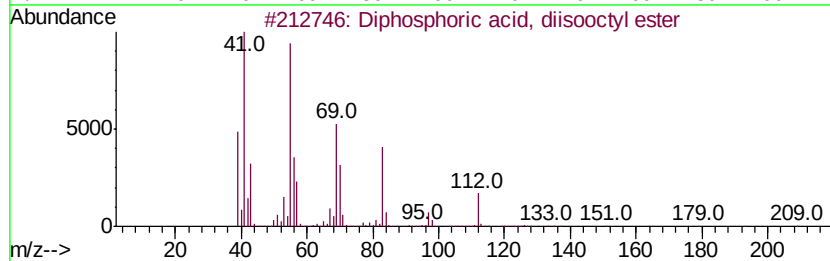
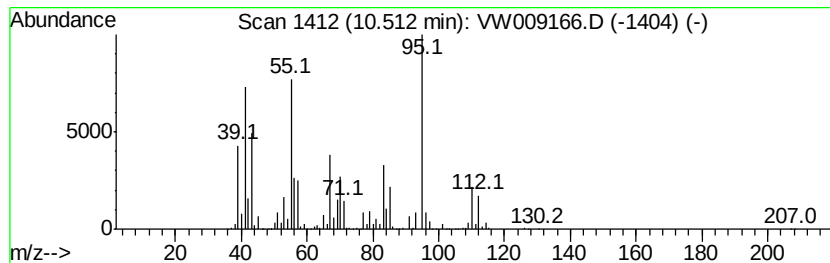
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown10.51 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	50.88 ug/l	3294240	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	43
2		Cyclooctane	112	C8H16	000292-64-8	30
3		4-Octene, (E)-	112	C8H16	014850-23-8	30
4		Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	25
5		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031319\
Data File : VW009166.D
Acq On : 13 Mar 2019 20:03
Operator : SY/VA
Sample : K1895-01
Misc : 4.35G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OILY-SOIL

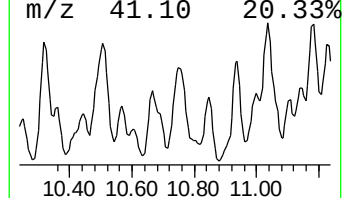
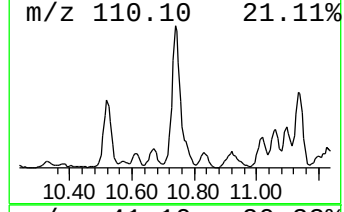
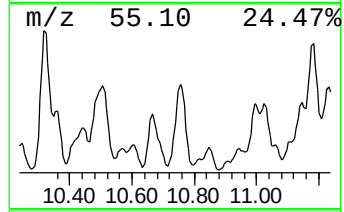
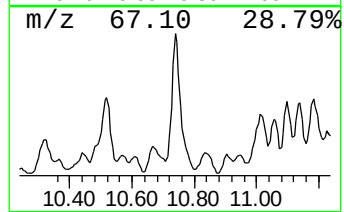
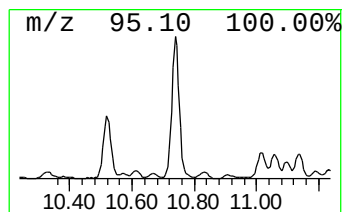
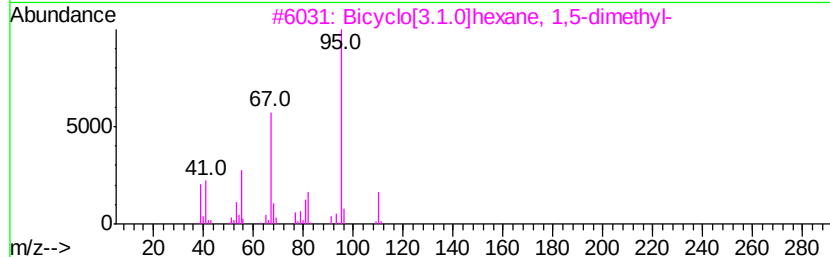
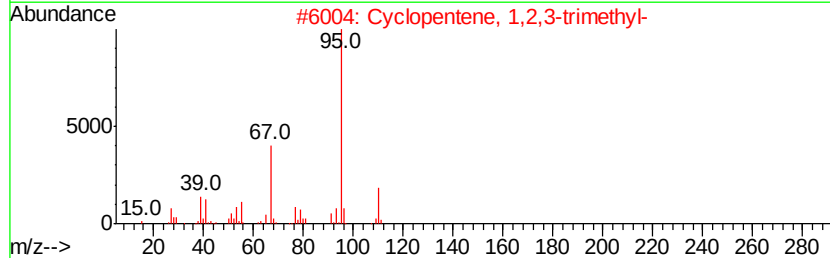
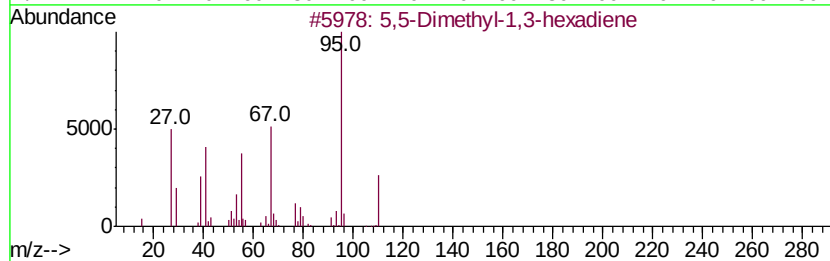
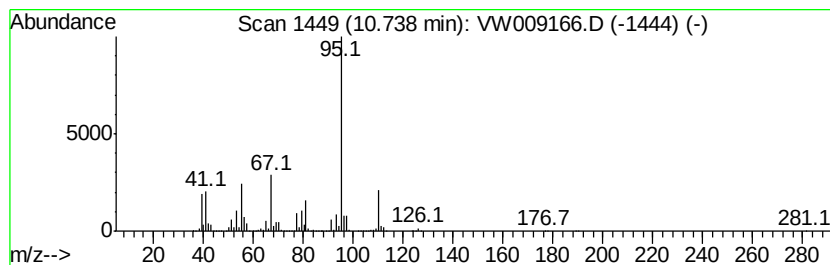
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260

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

Peak Number 3 5,5-Dimethyl-1,3-hexadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	58.90 ug/l	3813100	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	70
2		Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	70
3		Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	70
4		Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	64
5		1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031319\
Data File : VW009166.D
Acq On : 13 Mar 2019 20:03
Operator : SY/VA
Sample : K1895-01
Misc : 4.35G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OILY-SOIL

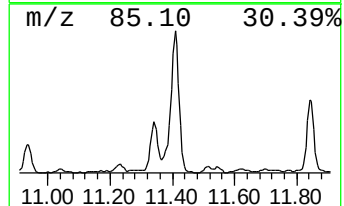
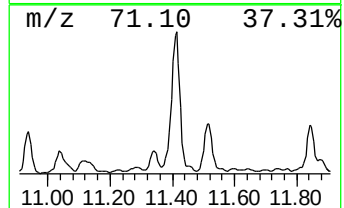
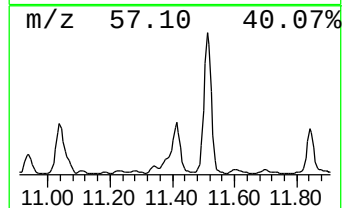
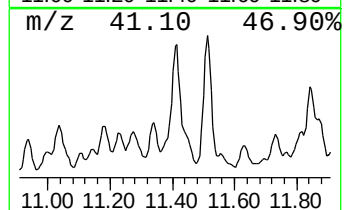
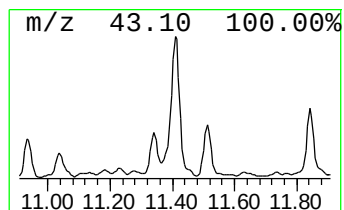
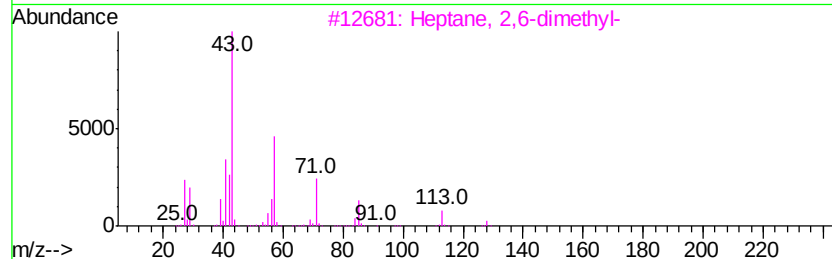
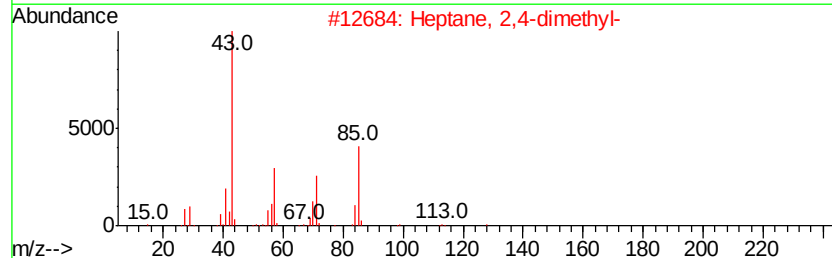
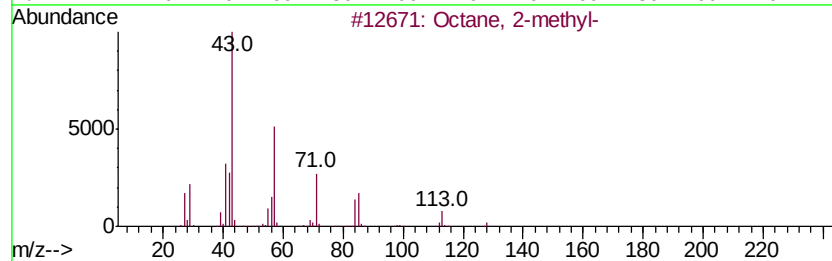
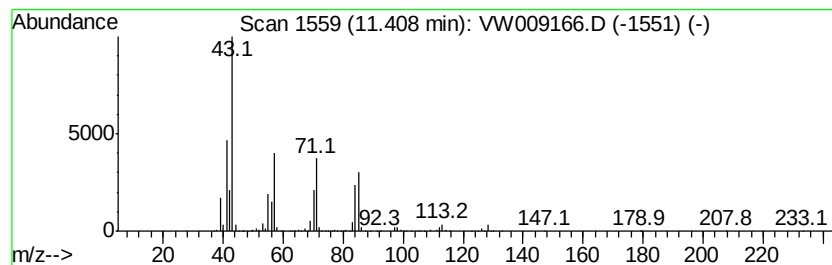
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260

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

Peak Number 4 Octane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	145.72 ug/l	9433570	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2-methyl-	128	C9H20	003221-61-2	83
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
3		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	59
4		Octane, 4-methyl-	128	C9H20	002216-34-4	59
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031319\
Data File : VW009166.D
Acq On : 13 Mar 2019 20:03
Operator : SY/VA
Sample : K1895-01
Misc : 4.35G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

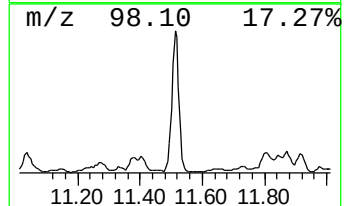
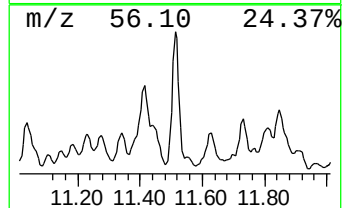
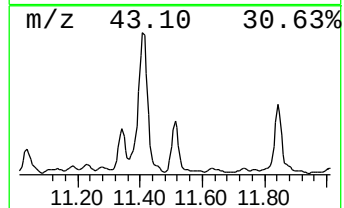
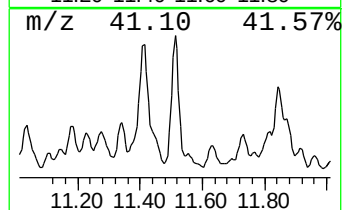
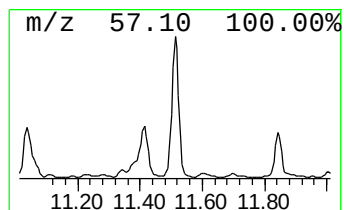
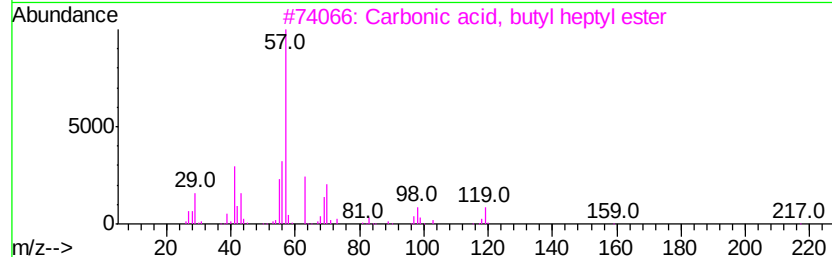
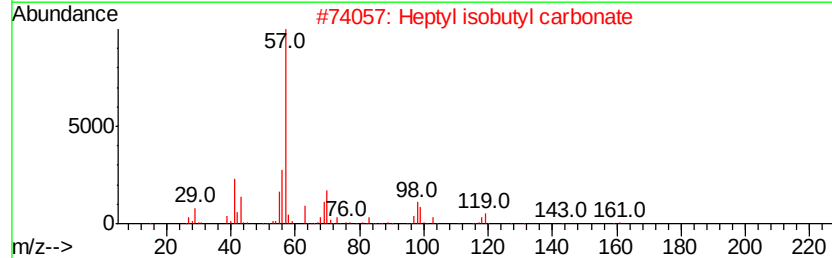
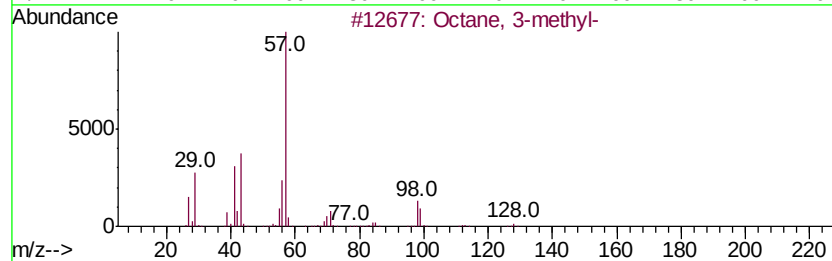
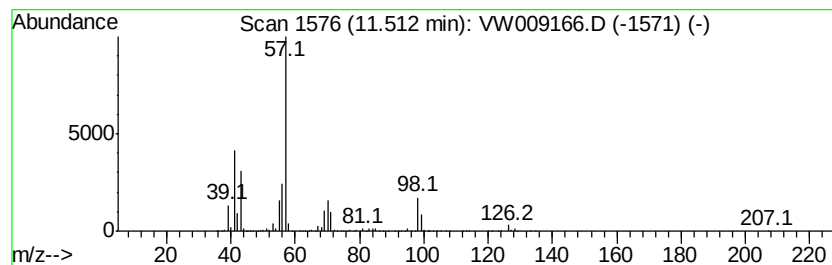
Instrument :
MSVOA_W
ClientSampled :
OILY-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260

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

Peak Number 5 Octane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.51	89.02 ug/l	5763150	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	80
2		Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	72
3		Carbonic acid, butyl heptyl ester	216	C12H24O3	1000314-63-4	59
4		Undecane, 6-methyl-	170	C12H26	017302-33-9	59
5		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031319\
Data File : VW009166.D
Acq On : 13 Mar 2019 20:03
Operator : SY/VA
Sample : K1895-01
Misc : 4.35G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OILY-SOIL

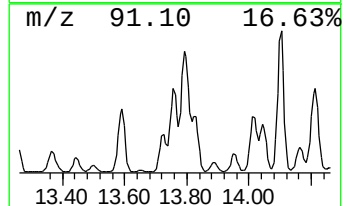
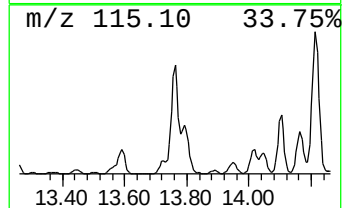
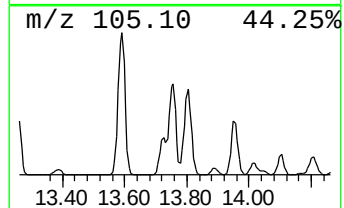
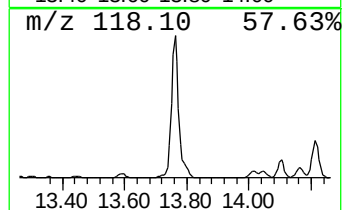
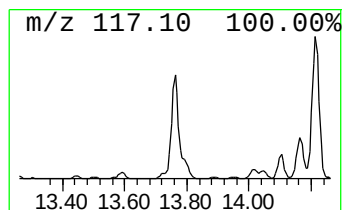
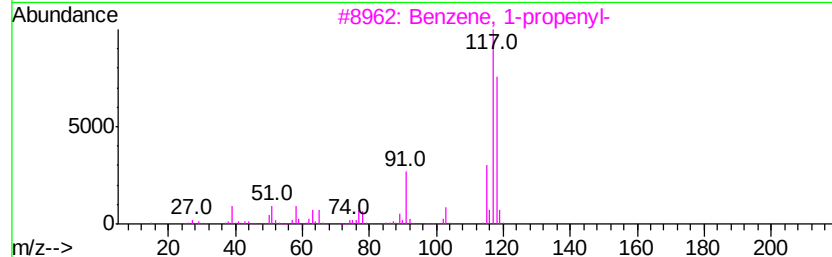
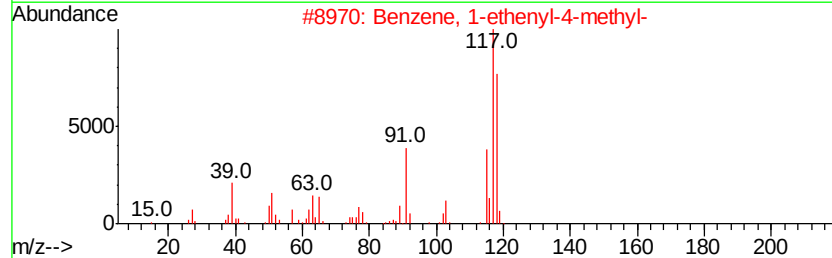
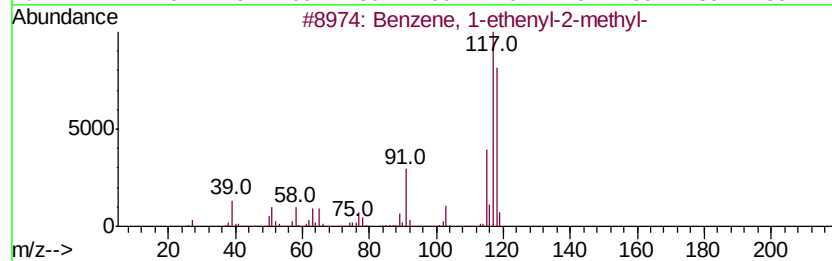
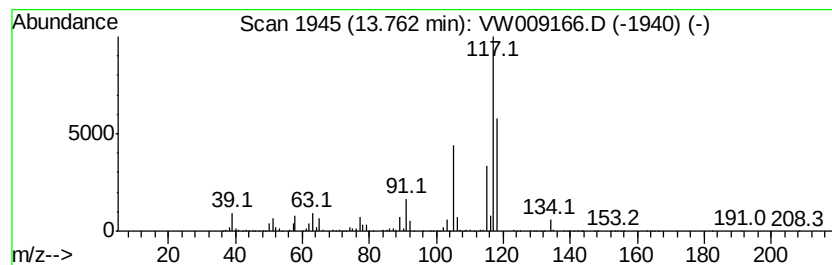
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethenyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	50.85 ug/l	33086000	1,4-Dichlorobenzene-d4	13.56

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	86
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	70
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031319\
Data File : VW009166.D
Acq On : 13 Mar 2019 20:03
Operator : SY/VA
Sample : K1895-01
Misc : 4.35G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OILY-SOIL

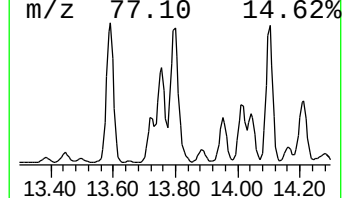
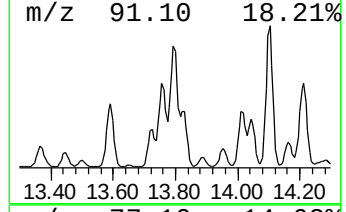
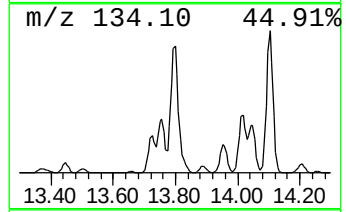
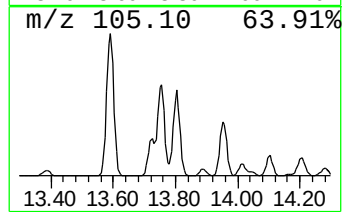
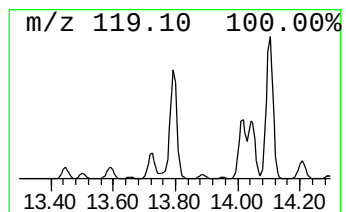
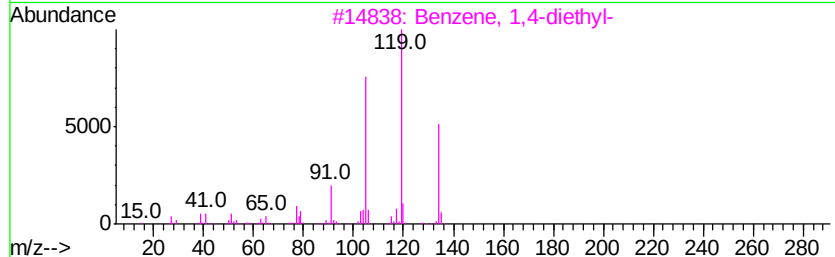
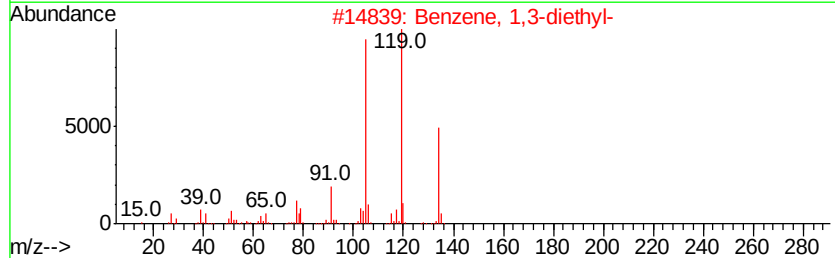
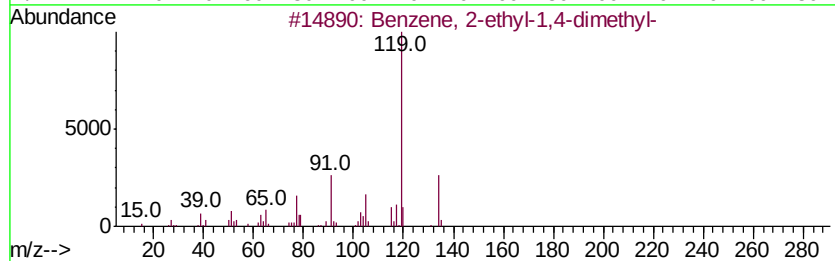
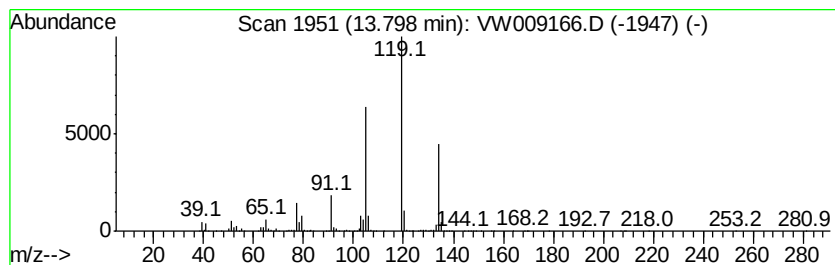
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	62.05 ug/l	40369900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031319\
Data File : VW009166.D
Acq On : 13 Mar 2019 20:03
Operator : SY/VA
Sample : K1895-01
Misc : 4.35G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OILY-SOIL

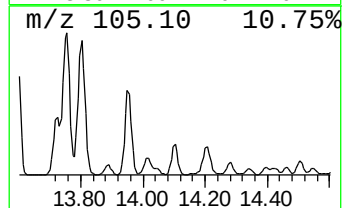
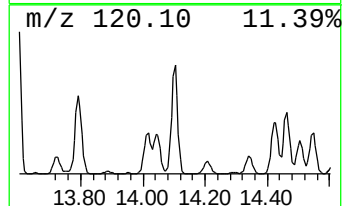
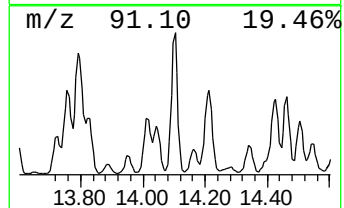
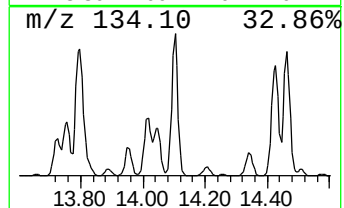
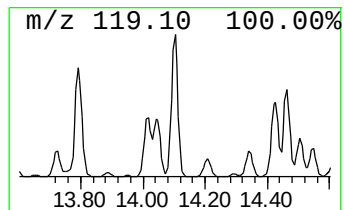
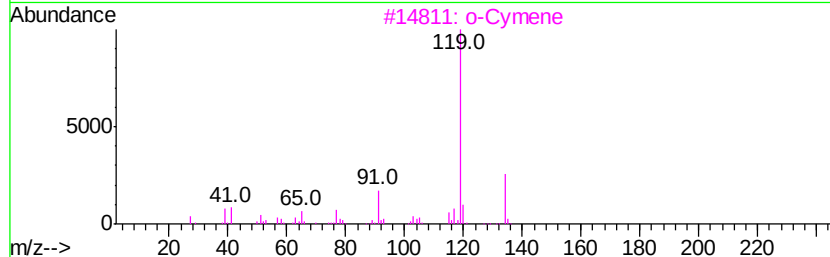
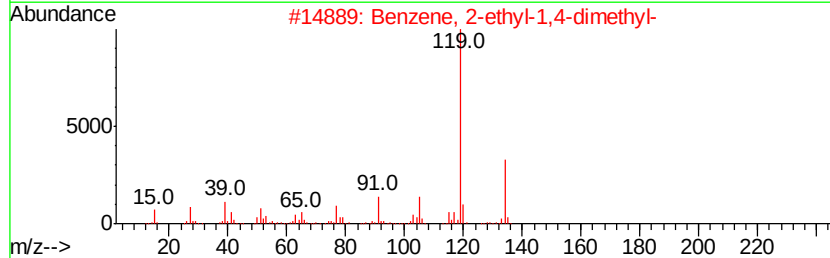
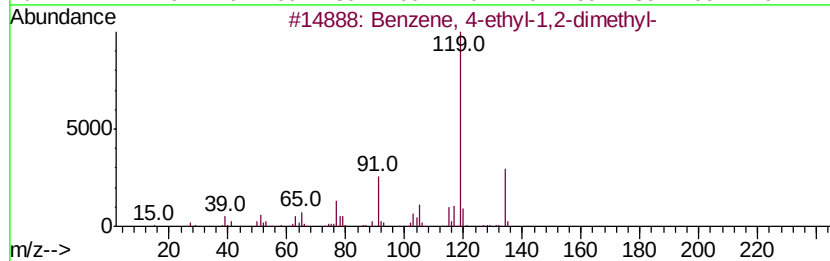
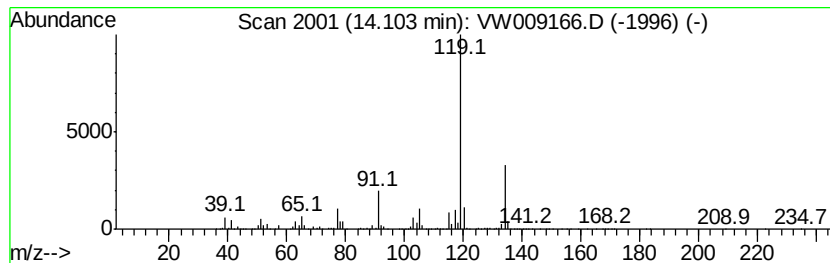
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	57.94 ug/l	37698100	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		p-Cymene	134	C10H14	000099-87-6	95
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031319\
Data File : VW009166.D
Acq On : 13 Mar 2019 20:03
Operator : SY/VA
Sample : K1895-01
Misc : 4.35G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OILY-SOIL

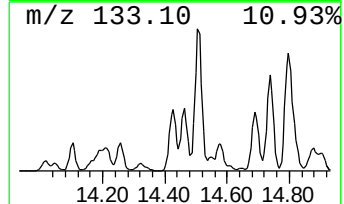
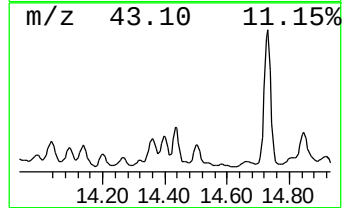
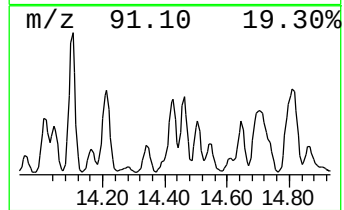
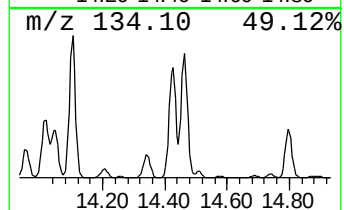
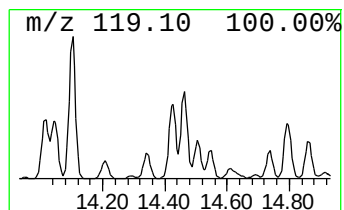
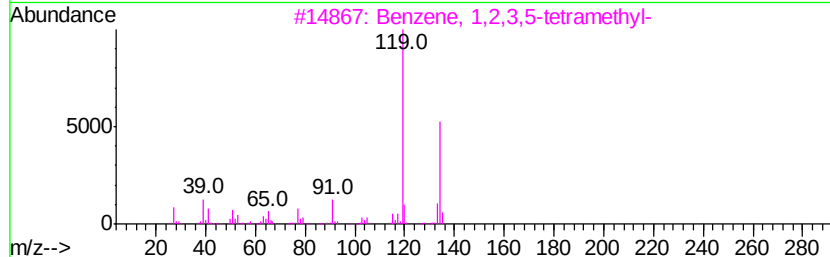
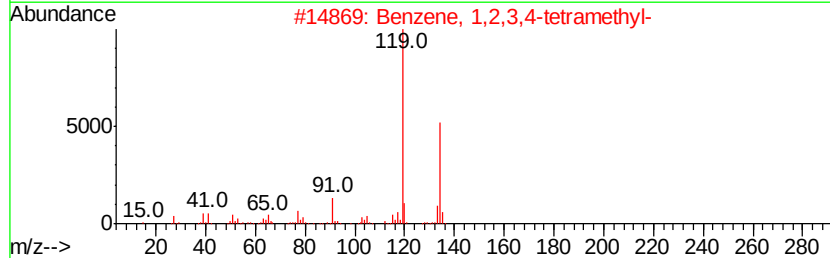
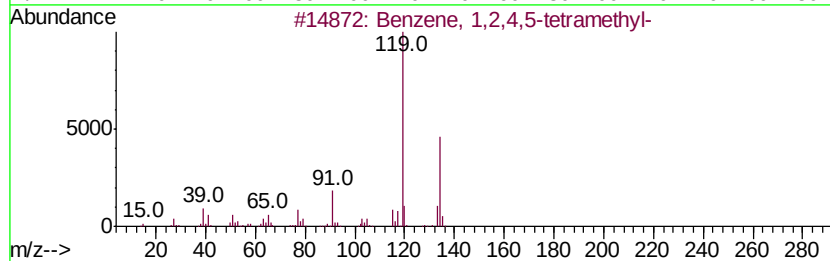
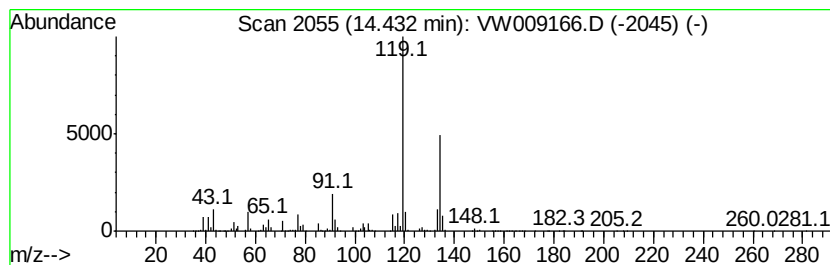
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	51.16 ug/l	33283900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031319\
Data File : VW009166.D
Acq On : 13 Mar 2019 20:03
Operator : SY/VA
Sample : K1895-01
Misc : 4.35G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OILY-SOIL

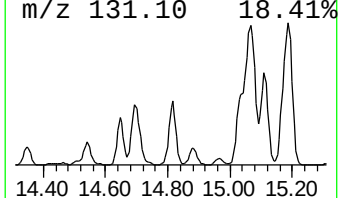
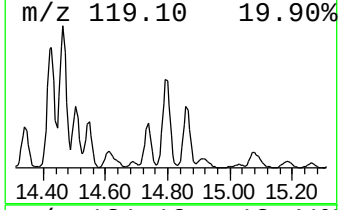
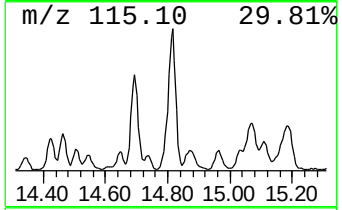
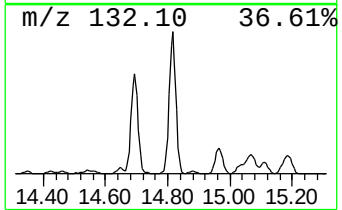
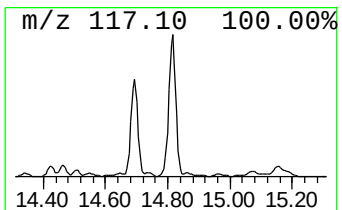
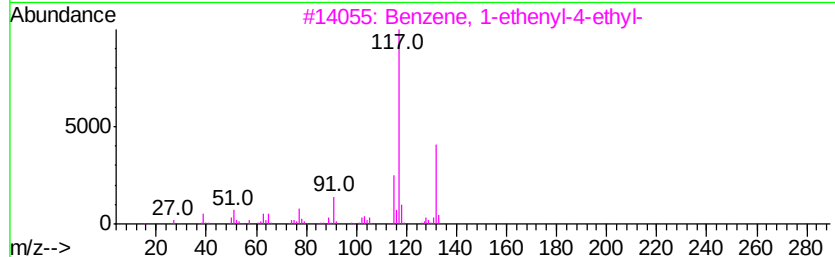
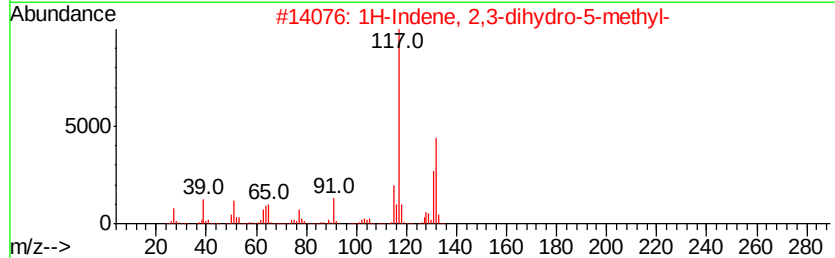
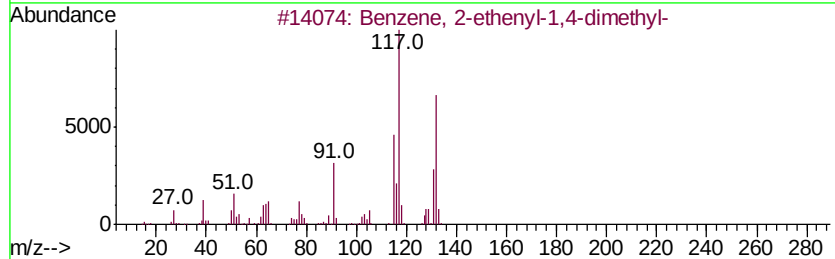
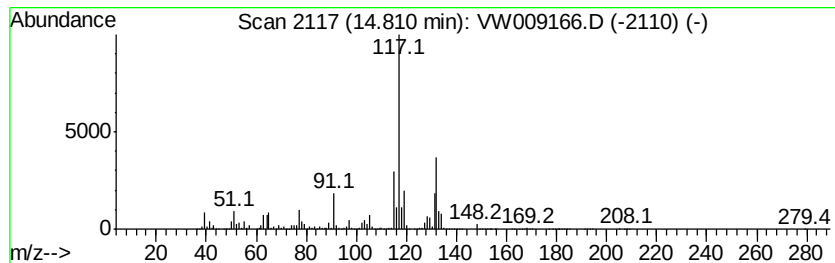
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	79.14 ug/l	51488200	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	91
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW031319\
Data File : VW009166.D
Acq On : 13 Mar 2019 20:03
Operator : SY/VA
Sample : K1895-01
Misc : 4.35G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OILY-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptane, 3-methyl-	10.10	70.1	ug/l	4158370	2	8.84	2965160	50.0
unknown10.51	10.51	50.9	ug/l	3294240	3	11.63	3236950	50.0
5,5-Dimethyl-1,3-...	10.74	58.9	ug/l	3813100	3	11.63	3236950	50.0
Octane, 2-methyl-	11.41	145.7	ug/l	9433570	3	11.63	3236950	50.0
Octane, 3-methyl-	11.51	89.0	ug/l	5763150	3	11.63	3236950	50.0
Benzene, 1-etheny...	13.76	50.9	ug/l	33086000	4	13.56	32530800	50.0
Benzene, 2-ethyl-...	13.80	62.0	ug/l	40369900	4	13.56	32530800	50.0
Benzene, 4-ethyl-...	14.10	57.9	ug/l	37698100	4	13.56	32530800	50.0
Benzene, 1,2,4,5-...	14.43	51.2	ug/l	33283900	4	13.56	32530800	50.0
Benzene, 2-etheny...	14.81	79.1	ug/l	51488200	4	13.56	32530800	50.0