

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100919\
 Data File : VW013503.D
 Acq On : 09 Oct 2019 14:53
 Operator : SY/VA
 Sample : K5286-01
 Misc : 5.44G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E.OUTFALL-CREEK-SOIL-SP

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\82W100819S.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	1.983	10	13	29	rVB	37457	81277	1.45%	0.098%
2	4.141	352	367	388	rBV	25461	92274	1.65%	0.111%
3	4.940	478	498	500	rBV5	26896	95412	1.71%	0.115%
4	5.428	566	578	592	rBV3	24194	87248	1.56%	0.105%
5	6.976	822	832	842	rBV2	63581	184292	3.30%	0.222%
6	7.171	851	864	875	rBV4	32216	121281	2.17%	0.146%
7	7.885	969	981	985	rBV2	167833	422310	7.56%	0.510%
8	7.946	985	991	999	rVV	393958	916150	16.39%	1.105%
9	8.031	999	1005	1015	rVB2	28380	73639	1.32%	0.089%
10	8.153	1016	1025	1032	rBV2	50286	113347	2.03%	0.137%
11	8.305	1041	1050	1061	rVB	155375	365512	6.54%	0.441%
12	8.427	1061	1070	1076	rVV6	30351	87835	1.57%	0.106%
13	8.500	1077	1082	1088	rVV5	28564	70603	1.26%	0.085%
14	8.567	1088	1093	1103	rVB2	31631	75194	1.35%	0.091%
15	8.842	1126	1138	1149	rBV	497130	1022486	18.30%	1.234%
16	9.329	1203	1218	1224	rBV	193790	502442	8.99%	0.606%
17	9.384	1224	1227	1236	rVB2	43414	72967	1.31%	0.088%
18	9.610	1253	1264	1270	rVB2	62028	139220	2.49%	0.168%
19	9.750	1280	1287	1295	rVB2	88388	174536	3.12%	0.211%
20	9.848	1298	1303	1307	rBV2	35057	69680	1.25%	0.084%
21	9.896	1307	1311	1315	rVV2	52138	96230	1.72%	0.116%
22	10.079	1334	1341	1345	rBV2	60794	140146	2.51%	0.169%
23	10.122	1345	1348	1355	rVB	56374	102005	1.83%	0.123%
24	10.207	1355	1362	1365	rBV5	47004	92253	1.65%	0.111%
25	10.323	1373	1381	1395	rBV	983382	2020310	36.15%	2.438%
26	10.445	1395	1401	1404	rBV2	43387	79126	1.42%	0.095%
27	10.506	1404	1411	1419	rVB5	144897	378759	6.78%	0.457%
28	10.616	1420	1429	1433	rBV	106601	218370	3.91%	0.263%
29	10.665	1433	1437	1442	rVB	171317	256430	4.59%	0.309%
30	10.762	1446	1453	1457	rBV4	120229	266241	4.76%	0.321%
31	10.847	1463	1467	1472	rVB	163401	260978	4.67%	0.315%
32	10.933	1472	1481	1487	rBV	510337	883045	15.80%	1.066%
33	11.036	1487	1498	1506	rBV	331598	849601	15.20%	1.025%
34	11.110	1506	1510	1513	rBV	137830	218236	3.91%	0.263%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100919\
 Data File : VW013503.D
 Acq On : 09 Oct 2019 14:53
 Operator : SY/VA
 Sample : K5286-01
 Misc : 5.44G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E.OUTFALL-CREEK-SOIL-SP

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\82W100819S.M
 Title : SW846 8260

35	11.177	1517	1521	1525	rVV	319080	481455	8.62%	0.581%
36	11.232	1525	1530	1535	rVB	820201	1453977	26.02%	1.754%
37	11.286	1535	1539	1542	rBV2	80592	102636	1.84%	0.124%
38	11.335	1542	1547	1551	rBV2	536077	922109	16.50%	1.113%
39	11.378	1551	1554	1559	rVB2	187128	274187	4.91%	0.331%
40	11.433	1559	1563	1570	rVB	404312	698385	12.50%	0.843%
41	11.506	1570	1575	1579	rBV	168203	254570	4.56%	0.307%
42	11.555	1579	1583	1587	rBV6	45313	77493	1.39%	0.094%
43	11.628	1589	1595	1605	rBV	506687	972385	17.40%	1.173%
44	11.725	1608	1611	1614	rBV2	60994	83899	1.50%	0.101%
45	11.762	1614	1617	1620	rBV	177945	246282	4.41%	0.297%
46	11.811	1620	1625	1630	rVB4	283455	585870	10.48%	0.707%
47	11.872	1630	1635	1639	rBV	603708	1052590	18.84%	1.270%
48	11.914	1639	1642	1647	rVB3	442220	732133	13.10%	0.883%
49	11.975	1647	1652	1655	rBV2	197567	379710	6.79%	0.458%
50	12.061	1660	1666	1671	rVB3	319309	617891	11.06%	0.746%
51	12.140	1671	1679	1685	rBV4	996101	2360620	42.24%	2.848%
52	12.250	1690	1697	1702	rVB	1588483	2663657	47.67%	3.214%
53	12.365	1702	1716	1727	rBV4	1406782	5588082	100.00%	6.743%
54	12.457	1727	1731	1732	rVV4	303514	438390	7.85%	0.529%
55	12.500	1735	1738	1746	rVB5	741638	1486405	26.60%	1.794%
56	12.561	1746	1748	1751	rVB2	81871	90725	1.62%	0.109%
57	12.615	1751	1757	1763	rVB3	708681	1193106	21.35%	1.440%
58	12.701	1763	1771	1775	rBV5	413181	1009959	18.07%	1.219%
59	12.780	1780	1784	1790	rVB2	1003071	1762063	31.53%	2.126%
60	12.859	1790	1797	1801	rBV5	494780	1145244	20.49%	1.382%
61	12.939	1801	1810	1815	rBV4	1164336	3158643	56.52%	3.811%
62	12.993	1815	1819	1823	rVB3	645595	1072561	19.19%	1.294%
63	13.042	1823	1827	1828	rBV3	118007	138003	2.47%	0.167%
64	13.079	1828	1833	1836	rBV3	641425	1066277	19.08%	1.287%
65	13.128	1837	1841	1843	rVV2	413580	637274	11.40%	0.769%
66	13.164	1843	1847	1853	rVB	1473617	2148036	38.44%	2.592%
67	13.225	1854	1857	1860	rVB2	261951	344546	6.17%	0.416%
68	13.262	1860	1863	1864	rBV2	143742	138053	2.47%	0.167%
69	13.292	1864	1868	1872	rVB	560954	757004	13.55%	0.913%
70	13.341	1872	1876	1880	rBV	613589	938194	16.79%	1.132%
71	13.445	1885	1893	1897	rBV4	1372061	3074682	55.02%	3.710%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100919\
 Data File : VW013503.D
 Acq On : 09 Oct 2019 14:53
 Operator : SY/VA
 Sample : K5286-01
 Misc : 5.44G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E.OUTFALL-CREEK-SOIL-SP

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\82W100819S.M
 Title : SW846 8260

72	13.554	1908	1911	1914	rBV2	224060	338453	6.06%	0.408%
73	13.695	1929	1934	1939	rBV5	480744	963657	17.24%	1.163%
74	13.755	1941	1944	1949	rVB	500183	778105	13.92%	0.939%
75	13.877	1949	1964	1968	rBV4	1497136	3626760	64.90%	4.376%
76	13.920	1968	1971	1975	rVB2	566428	760419	13.61%	0.918%
77	13.981	1977	1981	1984	rBV4	469612	700188	12.53%	0.845%
78	14.030	1984	1989	1993	rBV4	603206	1188441	21.27%	1.434%
79	14.133	2003	2006	2012	rVB	981404	1466370	26.24%	1.769%
80	14.194	2012	2016	2021	rBV5	505998	931199	16.66%	1.124%
81	14.261	2023	2027	2033	rVB4	622318	993088	17.77%	1.198%
82	14.316	2033	2036	2038	rBV2	292793	400006	7.16%	0.483%
83	14.389	2039	2048	2052	rVB6	1613005	3348843	59.93%	4.041%
84	14.493	2062	2065	2068	rBV4	213681	279906	5.01%	0.338%
85	14.548	2069	2074	2079	rVV5	638732	1138662	20.38%	1.374%
86	14.658	2089	2092	2095	rBV2	220518	310023	5.55%	0.374%
87	14.737	2102	2105	2110	rBV4	327441	557310	9.97%	0.672%
88	14.798	2111	2115	2118	rVV3	1031426	1865600	33.39%	2.251%
89	14.841	2118	2122	2129	rVB	2634150	4570323	81.79%	5.515%
90	15.060	2155	2158	2163	rVB4	429995	646045	11.56%	0.780%
91	15.127	2165	2169	2170	rBV4	237820	333023	5.96%	0.402%
92	15.328	2197	2202	2207	rBV	1774361	3093556	55.36%	3.733%
93	15.578	2238	2243	2248	rBV5	256075	522820	9.36%	0.631%
94	15.633	2248	2252	2254	rBV3	257332	439031	7.86%	0.530%
95	15.731	2264	2268	2276	rVB3	725088	1416258	25.34%	1.709%
96	16.285	2354	2359	2368	rVB	721900	1430380	25.60%	1.726%

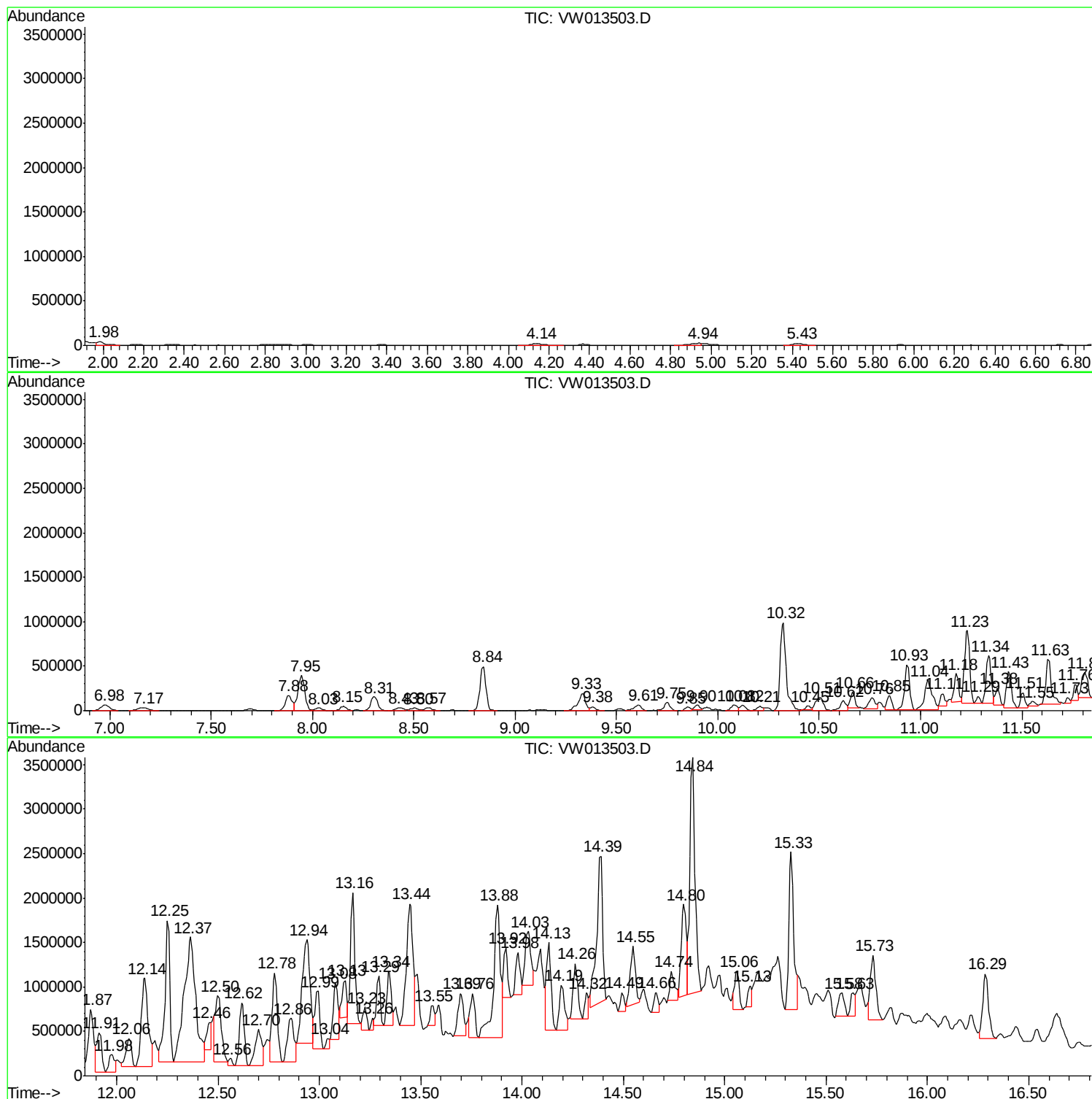
Sum of corrected areas: 82874997

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100919\
Data File : VW013503.D
Acq On : 09 Oct 2019 14:53
Operator : SY/VA
Sample : K5286-01
Misc : 5.44G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E.OUTFALL-CREEK-SOIL-SP

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100919\
Data File : VW013503.D
Acq On : 09 Oct 2019 14:53
Operator : SY/VA
Sample : K5286-01
Misc : 5.44G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E.OUTFALL-CREEK-SOIL-SP

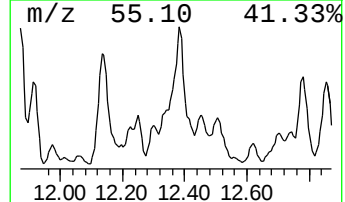
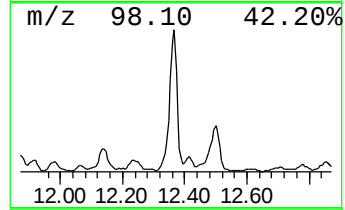
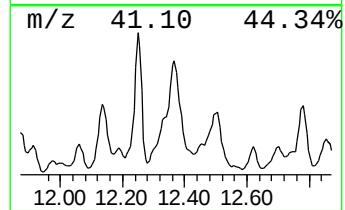
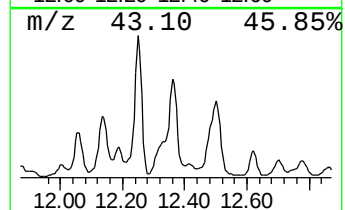
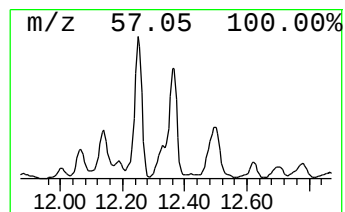
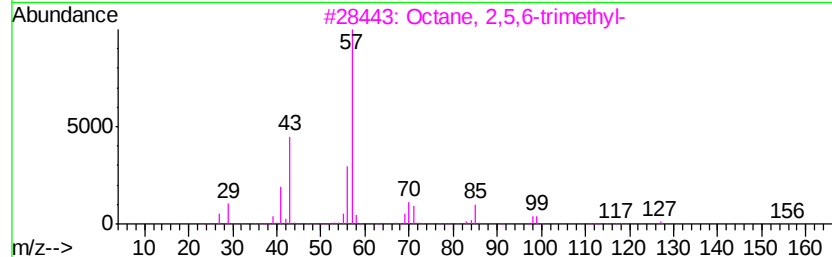
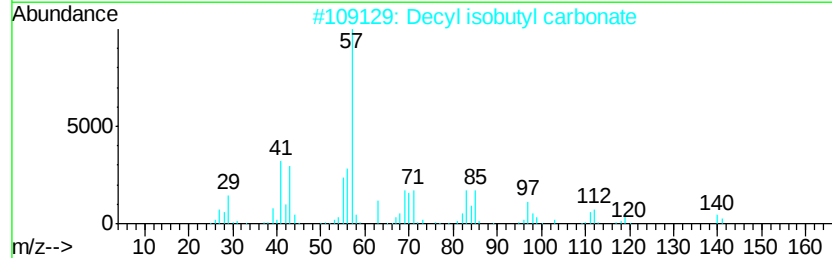
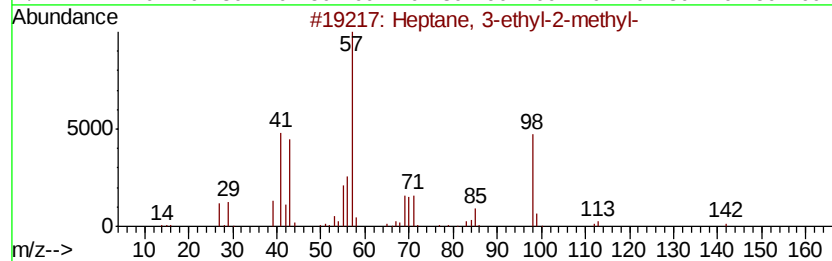
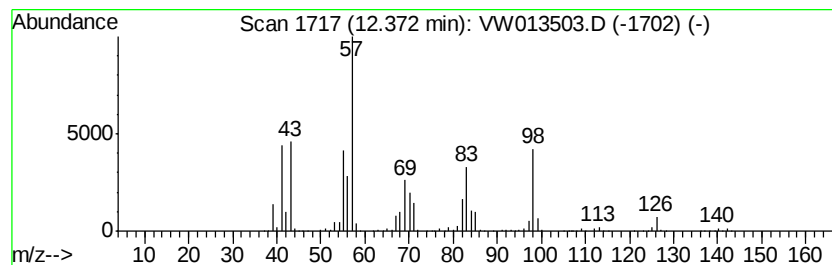
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260

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

Peak Number 1 Heptane, 3-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	287.34 ug/l	5588080	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
2		Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	53
3		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	43
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43
5		2-Methyl-1-undecanol	186	C12H26O	010522-26-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100919\
Data File : VW013503.D
Acq On : 09 Oct 2019 14:53
Operator : SY/VA
Sample : K5286-01
Misc : 5.44G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E.OUTFALL-CREEK-SOIL-SP

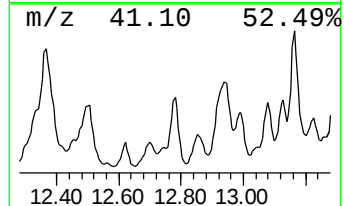
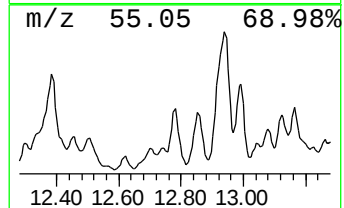
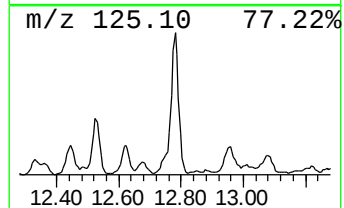
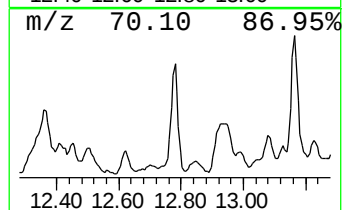
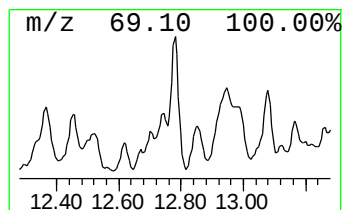
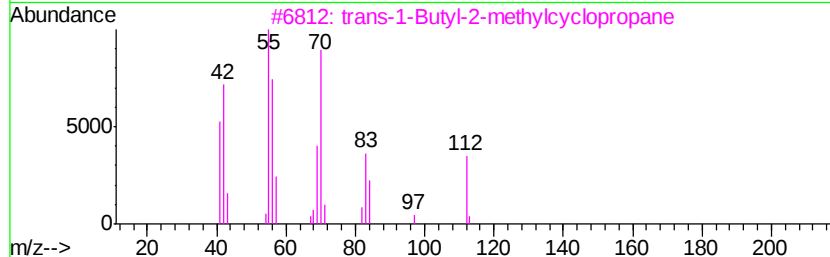
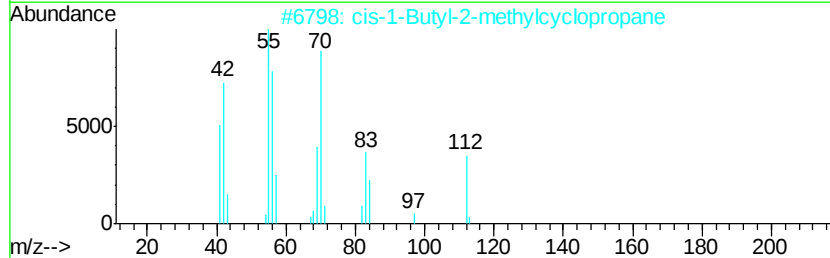
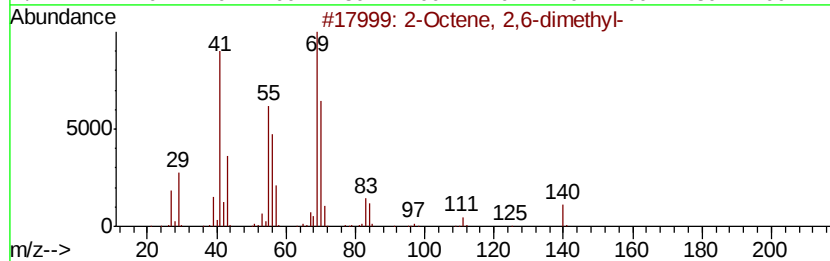
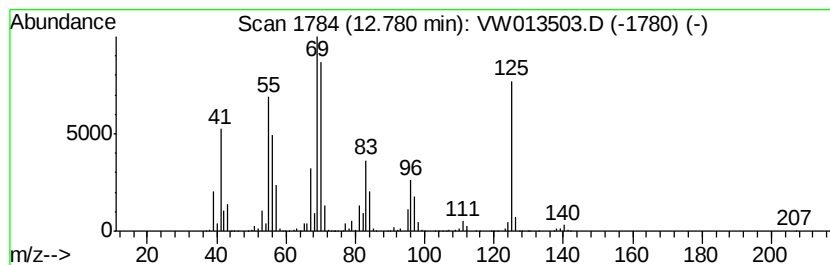
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260

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

Peak Number 2 2-Octene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	260.31 ug/l	1762060	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	55
2		cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46
3		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	46
4		Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	38
5		Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100919\
Data File : VW013503.D
Acq On : 09 Oct 2019 14:53
Operator : SY/VA
Sample : K5286-01
Misc : 5.44G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E.OUTFALL-CREEK-SOIL-SP

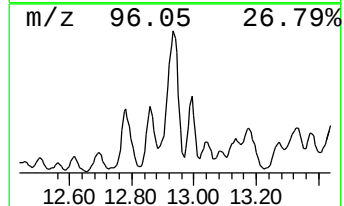
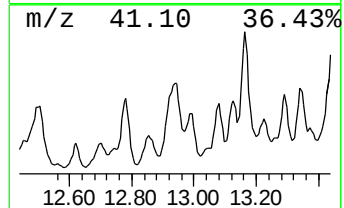
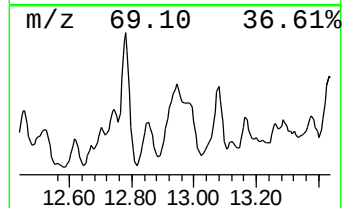
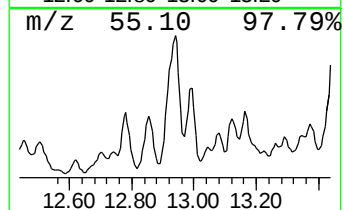
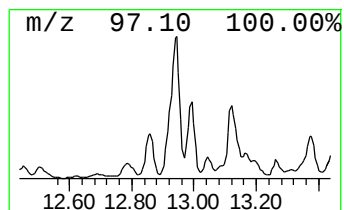
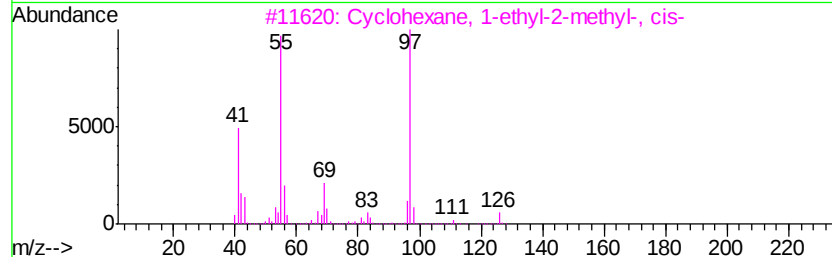
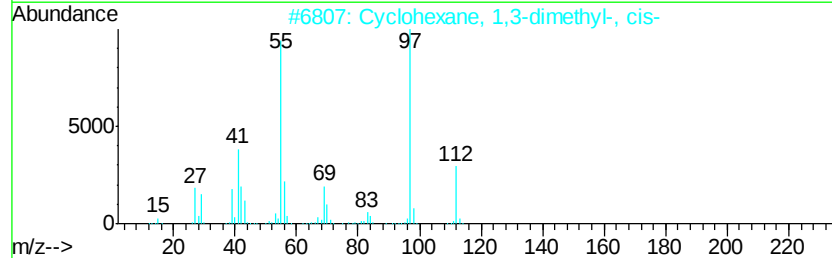
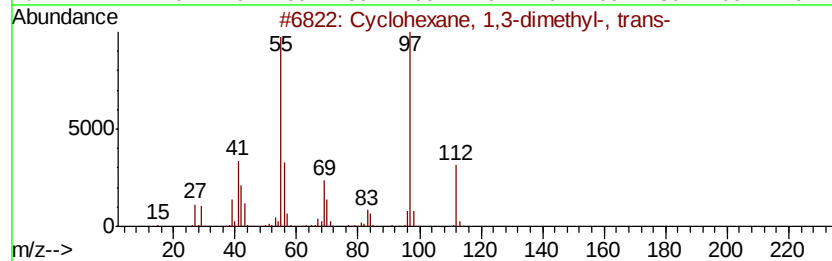
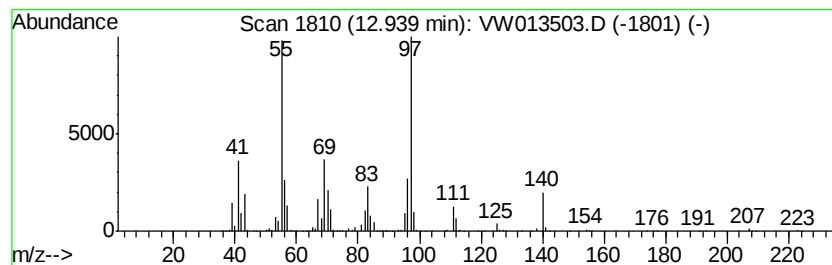
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	466.63 ug/l	3158640	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	62
2		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	52
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	50
4		Cyclohexane, 1-methyl-4-(1-methyl...	140	C10H20	006069-98-3	49
5		2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	1000283-20-9	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100919\
Data File : VW013503.D
Acq On : 09 Oct 2019 14:53
Operator : SY/VA
Sample : K5286-01
Misc : 5.44G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E.OUTFALL-CREEK-SOIL-SP

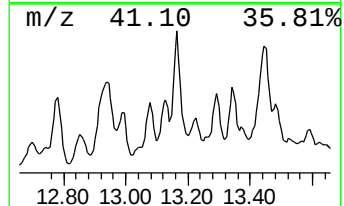
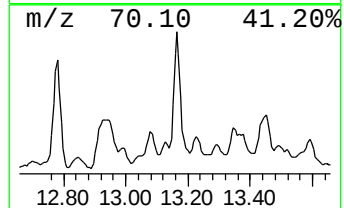
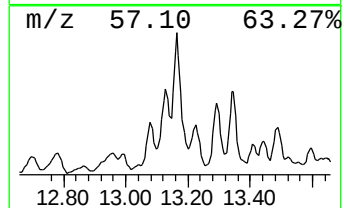
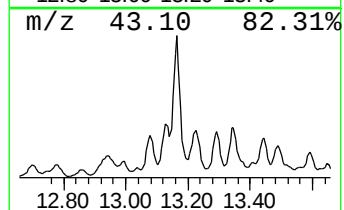
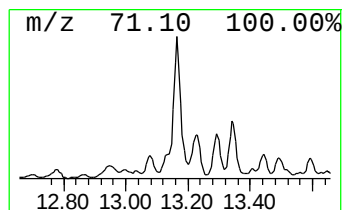
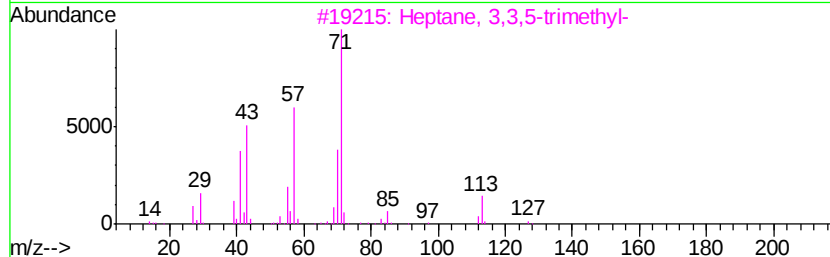
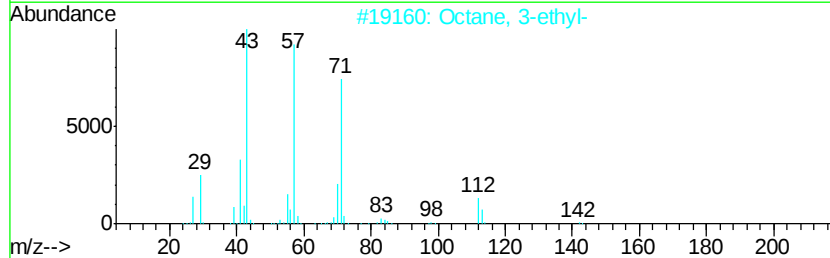
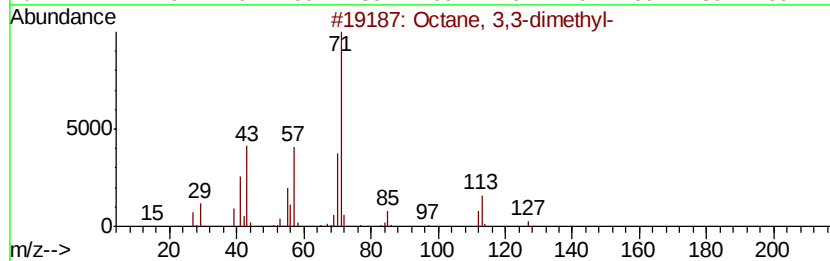
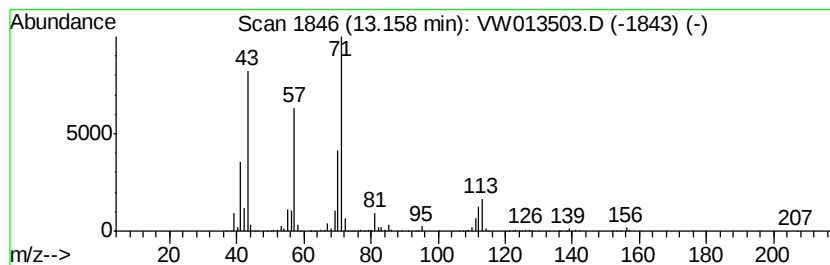
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260

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

Peak Number 4 Octane, 3,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	317.33 ug/l	2148040	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
2		Octane, 3-ethyl-	142	C10H22	005881-17-4	64
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
4		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
5		n-Amyl ether	158	C10H22O	000693-65-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100919\
Data File : VW013503.D
Acq On : 09 Oct 2019 14:53
Operator : SY/VA
Sample : K5286-01
Misc : 5.44G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E.OUTFALL-CREEK-SOIL-SP

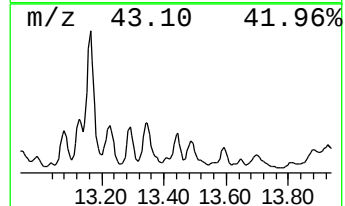
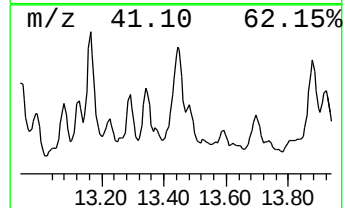
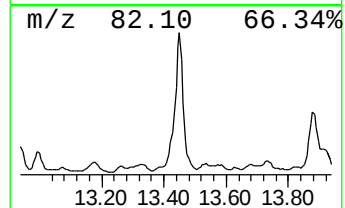
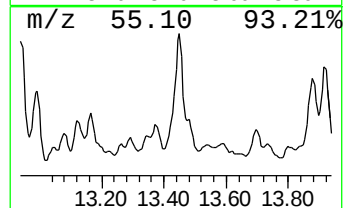
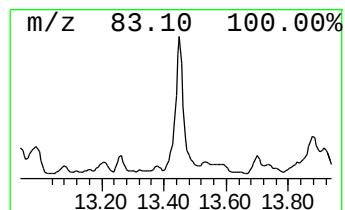
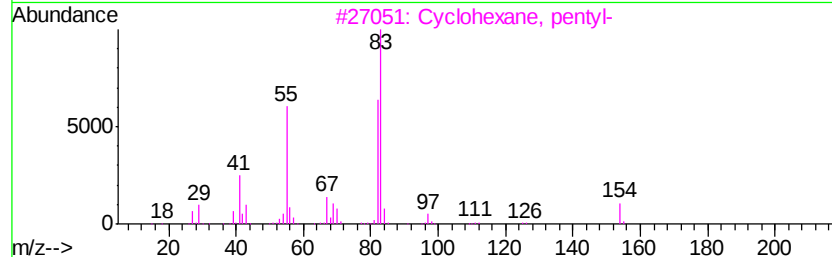
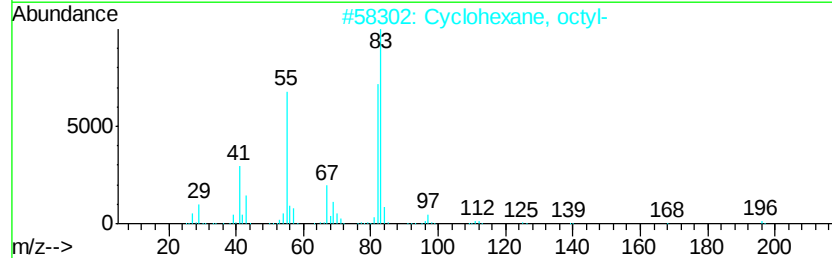
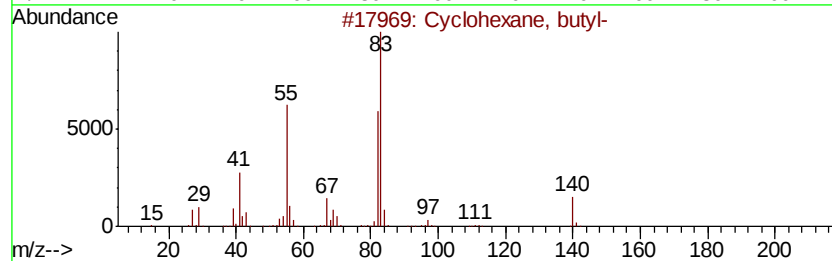
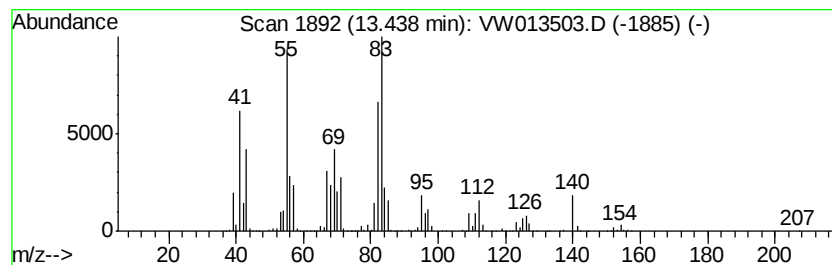
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	454.23 ug/l	3074680	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, butyl-	140	C10H20	001678-93-9	58
2		Cyclohexane, octyl-	196	C14H28	001795-15-9	53
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100919\
Data File : VW013503.D
Acq On : 09 Oct 2019 14:53
Operator : SY/VA
Sample : K5286-01
Misc : 5.44G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E.OUTFALL-CREEK-SOIL-SP

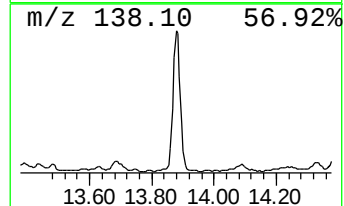
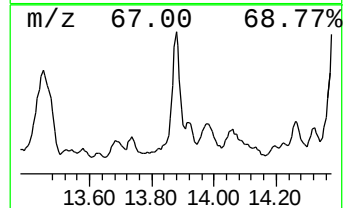
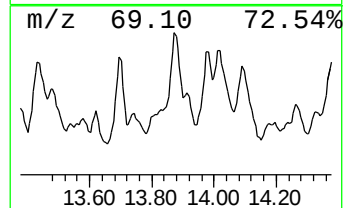
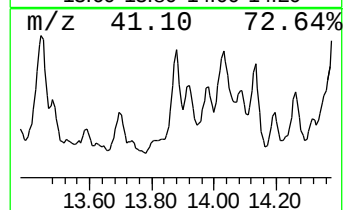
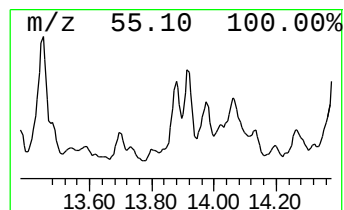
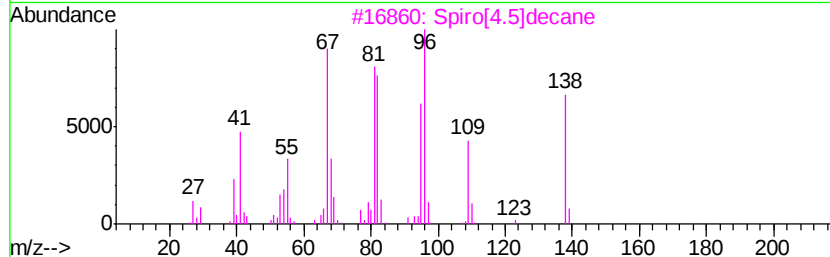
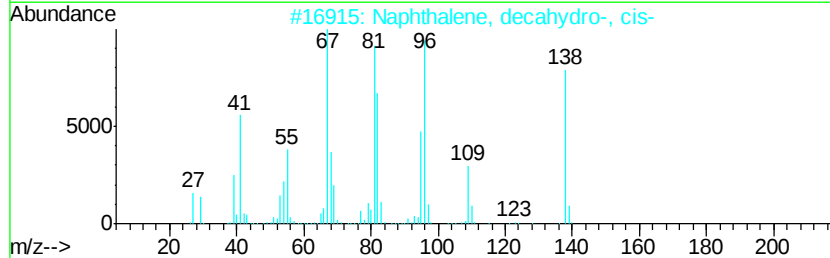
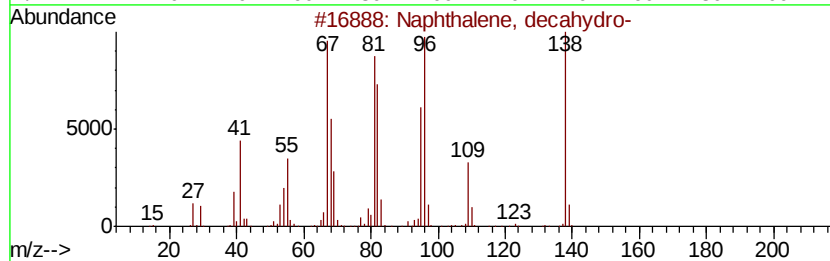
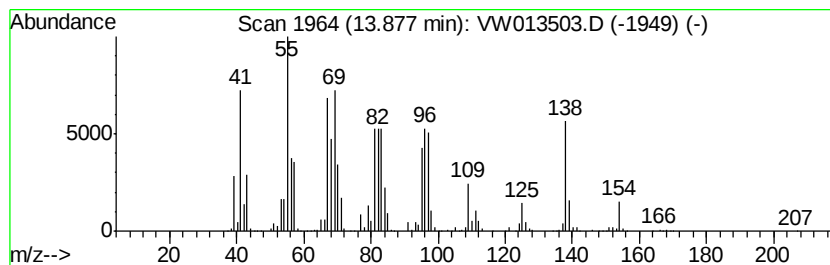
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, decahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	535.79 ug/l	3626760	1,4-Dichlorobenzene-d4	13.56

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	94
2	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	90
3	Spiro[4.5]decane	138	C10H18	000176-63-6	86
4	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	70
5	9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100919\
Data File : VW013503.D
Acq On : 09 Oct 2019 14:53
Operator : SY/VA
Sample : K5286-01
Misc : 5.44G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E.OUTFALL-CREEK-SOIL-SP

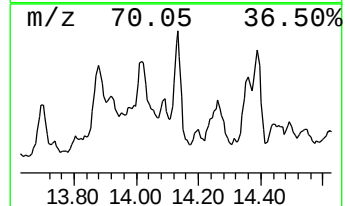
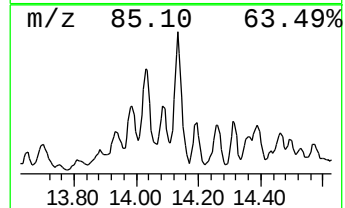
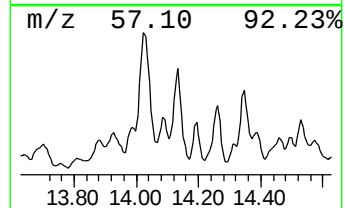
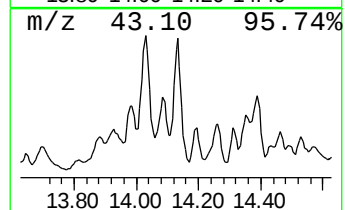
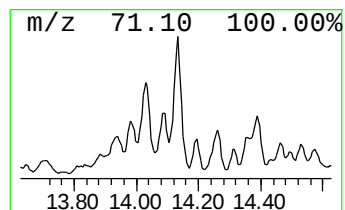
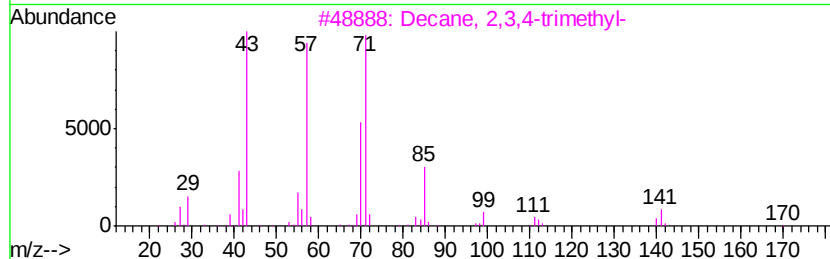
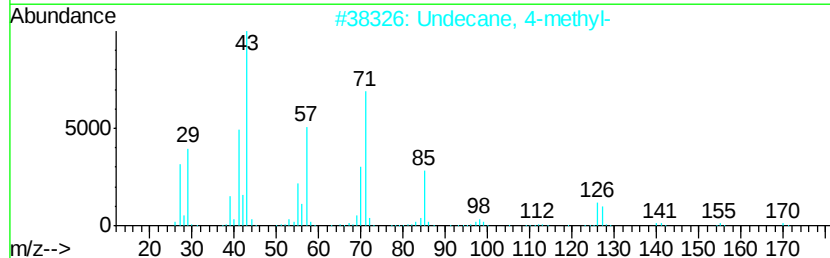
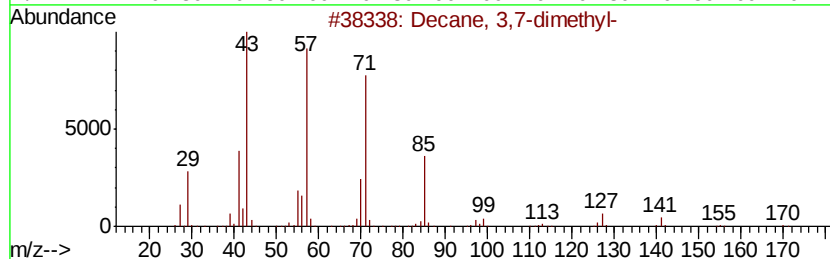
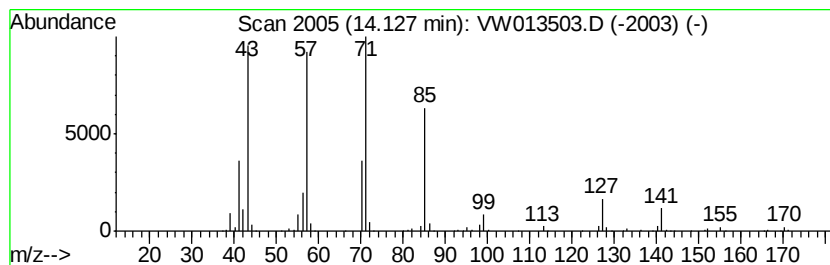
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260

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

Peak Number 7 Decane, 3,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	216.63 ug/l	1466370	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	94
2		Undecane, 4-methyl-	170	C12H26	002980-69-0	59
3		Decane, 2,3,4-trimethyl-	184	C13H28	062238-15-7	59
4		4-Octanone	128	C8H16O	000589-63-9	53
5		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100919\
Data File : VW013503.D
Acq On : 09 Oct 2019 14:53
Operator : SY/VA
Sample : K5286-01
Misc : 5.44G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E.OUTFALL-CREEK-SOIL-SP

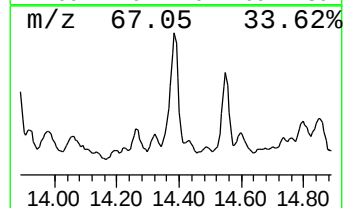
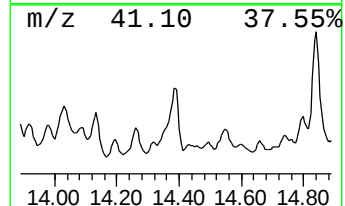
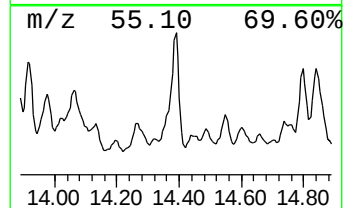
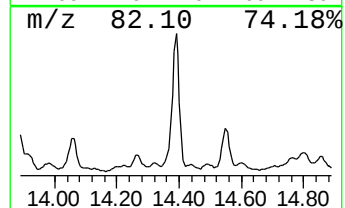
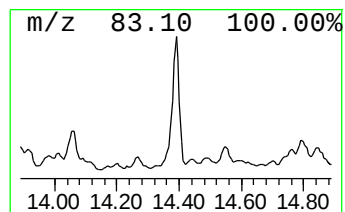
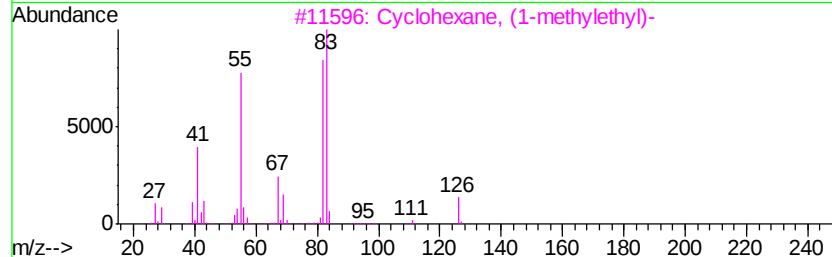
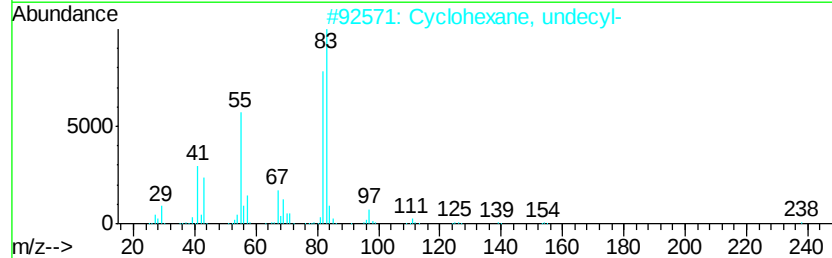
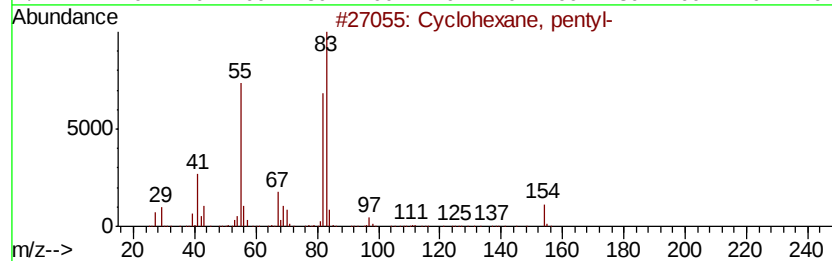
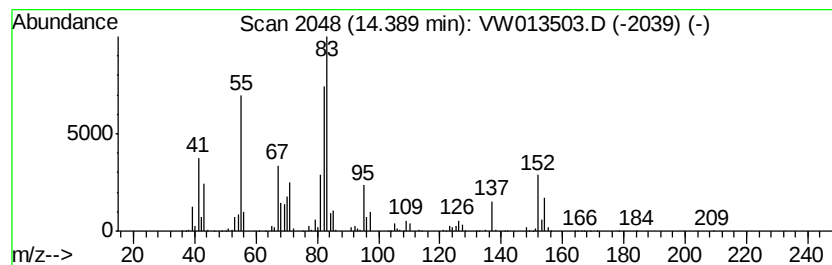
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260

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

Peak Number 8 Cyclohexane, pentyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	494.73 ug/l	3348840	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	70
2		Cyclohexane, undecyl-	238	C17H34	054105-66-7	53
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	50
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100919\
Data File : VW013503.D
Acq On : 09 Oct 2019 14:53
Operator : SY/VA
Sample : K5286-01
Misc : 5.44G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E.OUTFALL-CREEK-SOIL-SP

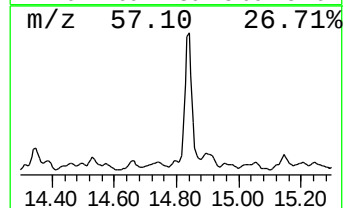
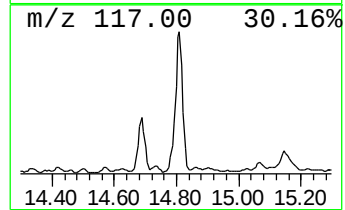
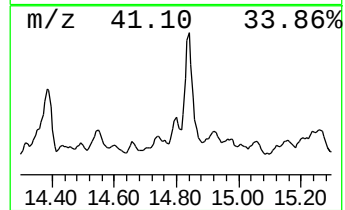
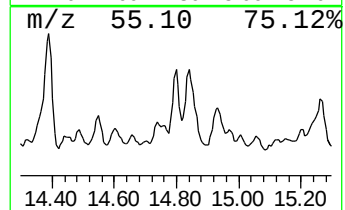
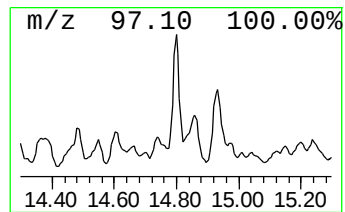
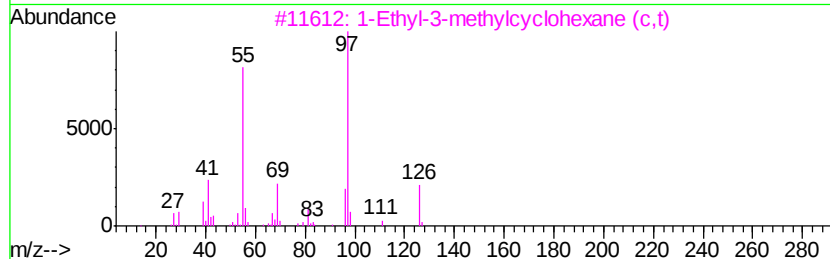
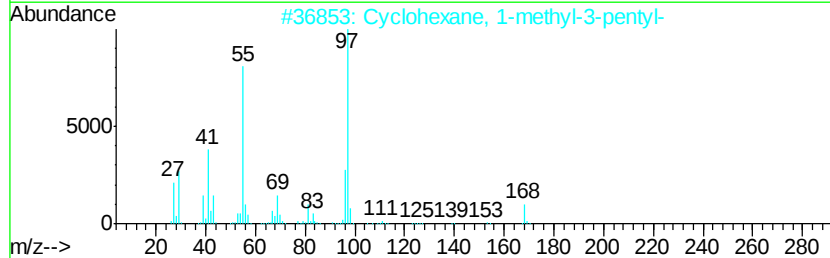
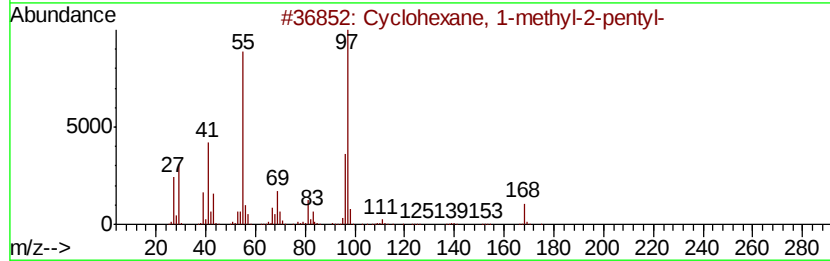
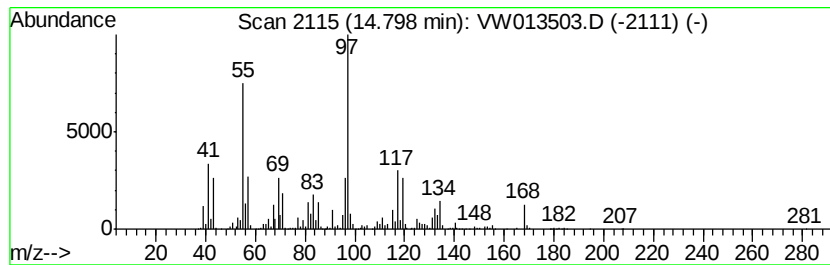
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown14.80 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	275.61 ug/l	1865600	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	49
2		Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	49
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	49
4		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	49
5		Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100919\
Data File : VW013503.D
Acq On : 09 Oct 2019 14:53
Operator : SY/VA
Sample : K5286-01
Misc : 5.44G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E.OUTFALL-CREEK-SOIL-SP

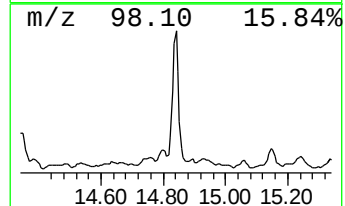
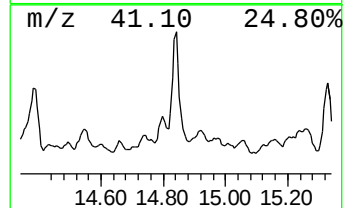
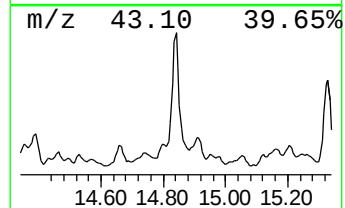
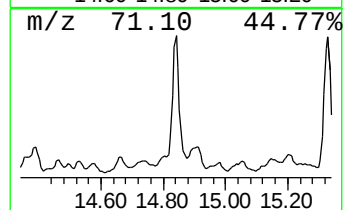
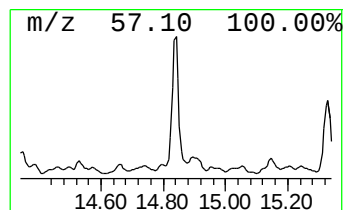
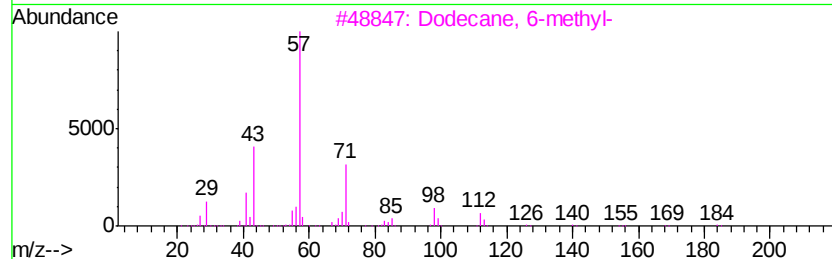
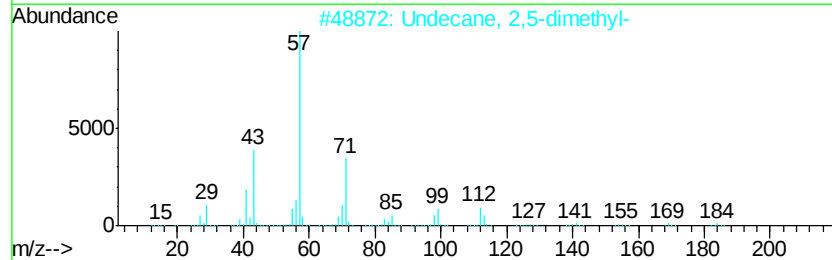
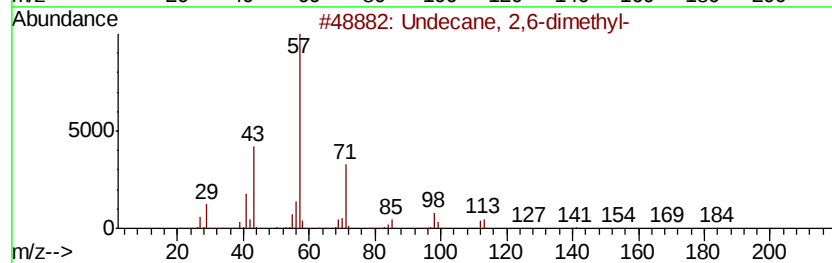
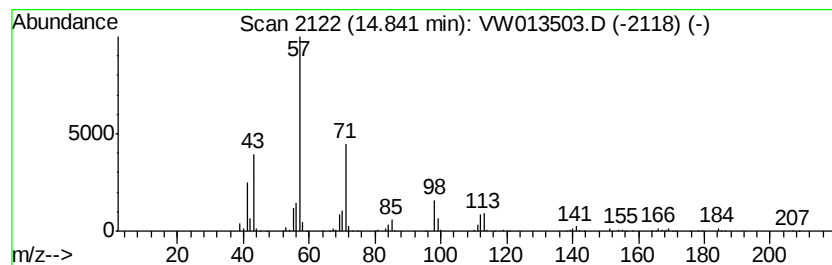
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260

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

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	675.18 ug/l	4570320	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	93
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	91
4		5-Ethyldecane	170	C12H26	017302-36-2	72
5		Octane, 4-ethyl-	142	C10H22	015869-86-0	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100919\
Data File : VW013503.D
Acq On : 09 Oct 2019 14:53
Operator : SY/VA
Sample : K5286-01
Misc : 5.44G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E.OUTFALL-CREEK-SOIL-SP

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.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-ethyl-...	12.37	287.3	ug/l	5588080	3	11.63	972385	50.0
2-Octene, 2,6-dim...	12.78	260.3	ug/l	1762060	4	13.56	338453	50.0
Cyclohexane, 1,3-...	12.94	466.6	ug/l	3158640	4	13.56	338453	50.0
Octane, 3,3-dimet...	13.16	317.3	ug/l	2148040	4	13.56	338453	50.0
Cyclohexane, butyl-	13.44	454.2	ug/l	3074680	4	13.56	338453	50.0
Naphthalene, deca...	13.88	535.8	ug/l	3626760	4	13.56	338453	50.0
Decane, 3,7-dimet...	14.13	216.6	ug/l	1466370	4	13.56	338453	50.0
Cyclohexane, pentyl-	14.39	494.7	ug/l	3348840	4	13.56	338453	50.0
unknown14.80	14.80	275.6	ug/l	1865600	4	13.56	338453	50.0
Undecane, 2,6-dim...	14.84	675.2	ug/l	4570320	4	13.56	338453	50.0