

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014610.D
 Acq On : 10 Jan 2020 19:55
 Operator : SY/VA
 Sample : L1091-01
 Misc : 4.8G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GRAVEL-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\82W010320S.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	1.953	5	8	20	rVB4	12466	27340	1.34%	0.166%
2	2.154	35	41	46	rBV2	9424	22045	1.08%	0.134%
3	2.641	114	121	127	rBV9	18095	47487	2.33%	0.289%
4	2.806	142	148	156	rVB	13612	25378	1.25%	0.154%
5	3.531	258	267	280	rBV	12058	35568	1.75%	0.216%
6	4.117	354	363	373	rBV	101071	276154	13.55%	1.679%
7	4.385	397	407	421	rBV2	10884	33311	1.63%	0.202%
8	4.665	443	453	466	rBV2	20503	62211	3.05%	0.378%
9	4.909	482	493	510	rBV3	43231	161246	7.91%	0.980%
10	7.141	849	859	871	rBV2	15261	51311	2.52%	0.312%
11	7.671	934	946	963	rBV	657351	1616677	79.35%	9.828%
12	7.878	971	980	985	rBV2	412703	999666	49.06%	6.077%
13	7.945	985	991	998	rVV	636088	1443532	70.85%	8.775%
14	8.025	998	1004	1015	rVB2	83398	211584	10.38%	1.286%
15	8.153	1016	1025	1033	rBV	229270	507986	24.93%	3.088%
16	8.305	1040	1050	1059	rBV	399903	893104	43.83%	5.429%
17	8.421	1059	1069	1077	rVV3	75608	204094	10.02%	1.241%
18	8.500	1077	1082	1088	rVV3	24796	59965	2.94%	0.365%
19	8.567	1088	1093	1108	rVB4	39222	97490	4.78%	0.593%
20	8.701	1108	1115	1128	rVB2	12695	29733	1.46%	0.181%
21	8.835	1128	1137	1149	rBV	946311	1898318	93.17%	11.540%
22	9.140	1180	1187	1196	rVB2	19481	40834	2.00%	0.248%
23	9.329	1204	1218	1224	rBV2	108754	280766	13.78%	1.707%
24	9.378	1224	1226	1234	rVB4	18835	32371	1.59%	0.197%
25	9.512	1241	1248	1255	rBV3	35810	68658	3.37%	0.417%
26	9.640	1261	1269	1278	rVB	57342	115844	5.69%	0.704%
27	10.323	1371	1381	1387	rBV	1147296	2037528	100.00%	12.386%
28	10.384	1387	1391	1402	rVB	297894	522975	25.67%	3.179%
29	10.707	1434	1444	1451	rBV2	55640	106587	5.23%	0.648%
30	11.628	1588	1595	1606	rVB	750290	1269601	62.31%	7.718%
31	11.835	1622	1629	1637	rBV2	15598	36849	1.81%	0.224%
32	12.164	1679	1683	1691	rVB3	22600	39433	1.94%	0.240%
33	12.615	1749	1757	1767	rBV2	680389	1143692	56.13%	6.952%
34	13.121	1834	1840	1845	rBV2	25917	45300	2.22%	0.275%

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35	13.249	1857	1861	1864	rBV	18204	30625	1.50%	0.186%
36	13.304	1865	1870	1877	rVB	133035	210222	10.32%	1.278%
37	13.554	1905	1911	1922	rBV	470571	812426	39.87%	4.939%
38	13.877	1958	1964	1970	rBV9	21802	40749	2.00%	0.248%
39	13.944	1971	1975	1980	rBV2	14044	23104	1.13%	0.140%
40	14.011	1982	1986	1987	rBV	19710	23037	1.13%	0.140%
41	14.066	1992	1995	1997	rBV	20257	24365	1.20%	0.148%
42	14.200	2013	2017	2022	rVB4	16181	24488	1.20%	0.149%
43	14.261	2023	2027	2032	rBV7	11846	21861	1.07%	0.133%
44	14.334	2032	2039	2043	rBV4	23459	47361	2.32%	0.288%
45	14.377	2043	2046	2049	rVV4	25067	33356	1.64%	0.203%
46	14.414	2049	2052	2055	rVV	34943	46946	2.30%	0.285%
47	14.456	2055	2059	2063	rVB	33485	46423	2.28%	0.282%
48	14.548	2063	2074	2078	rBV7	24138	72244	3.55%	0.439%
49	14.725	2100	2103	2109	rVB7	13499	25018	1.23%	0.152%
50	14.798	2110	2115	2120	rVV5	40482	85966	4.22%	0.523%
51	14.853	2120	2124	2129	rVB7	32319	52516	2.58%	0.319%
52	14.962	2138	2142	2146	rBV5	25657	42858	2.10%	0.261%
53	15.060	2153	2158	2163	rBV6	36583	75272	3.69%	0.458%
54	15.414	2209	2216	2222	rBV9	39999	117867	5.78%	0.717%
55	15.731	2264	2268	2276	rVB10	33222	75155	3.69%	0.457%
56	15.871	2287	2291	2299	rVB8	42917	73851	3.62%	0.449%

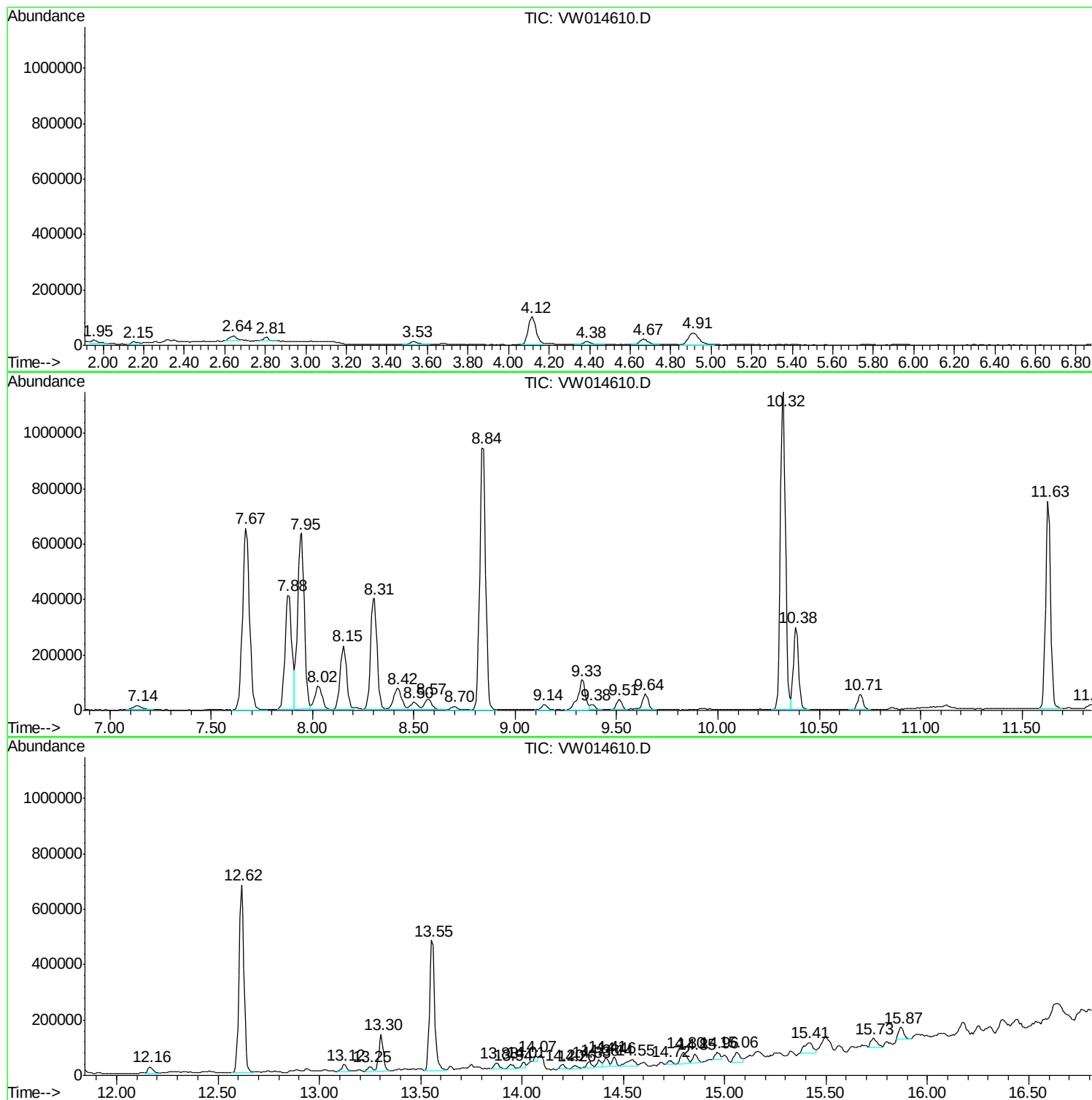
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Instrument :
MSVOA_W
ClientSampleId :
GRAVEL-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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



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Misc : 4.8G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

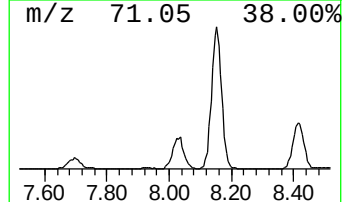
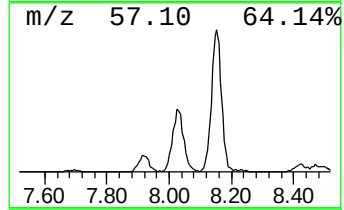
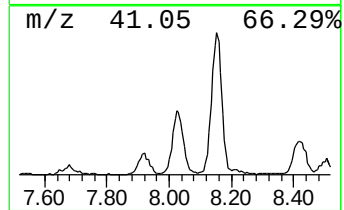
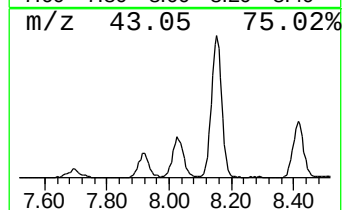
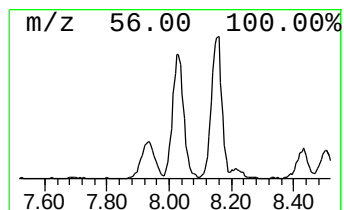
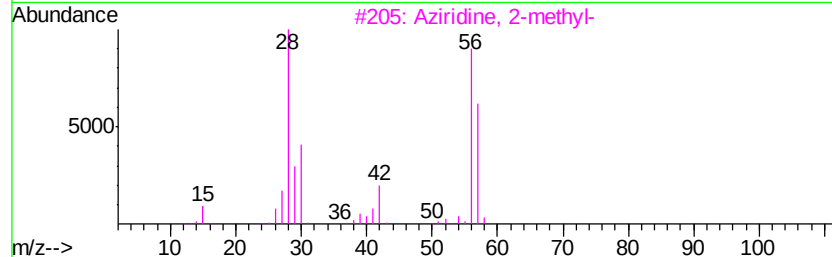
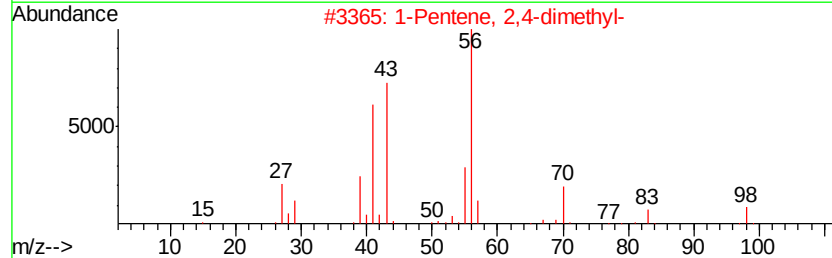
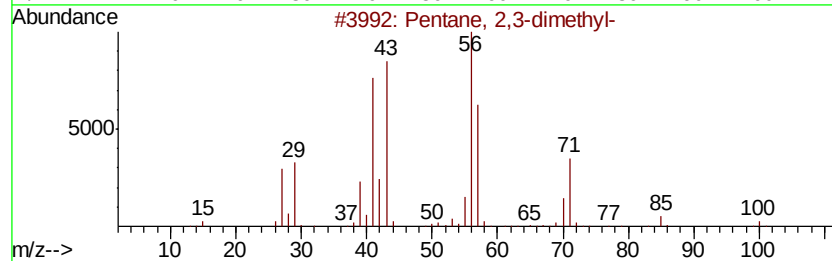
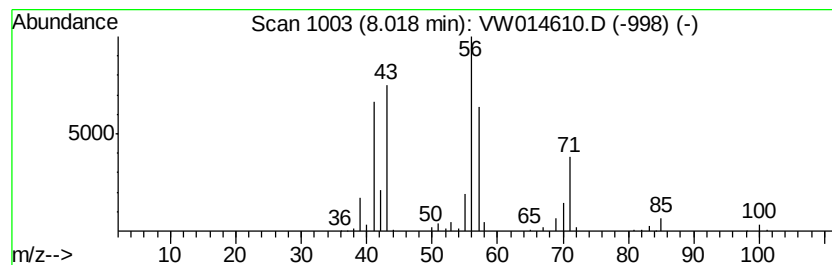
Instrument :
MSVOA_W
ClientSampled :
GRAVEL-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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

Peak Number 2 Pentane, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.02	7.33 ug/l	211584	Pentafluorobenzene	7.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16		000565-59-3	91
2	1-Pentene, 2,4-dimethyl-	98	C7H14		002213-32-3	59
3	Aziridine, 2-methyl-	57	C3H7N		000075-55-8	47
4	Butane, 2,2,3-trimethyl-	100	C7H16		000464-06-2	40
5	1-Hexene, 2-methyl-	98	C7H14		006094-02-6	38



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Operator : SY/VA
Sample : L1091-01
Misc : 4.8G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

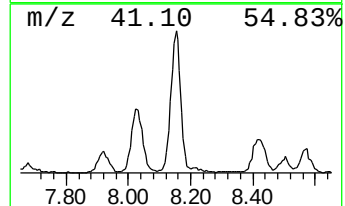
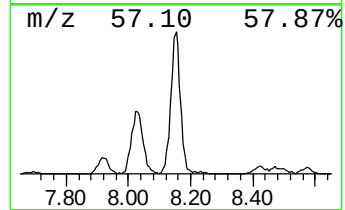
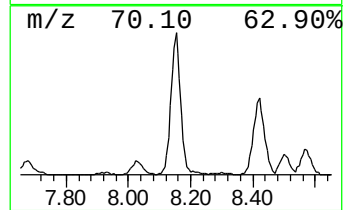
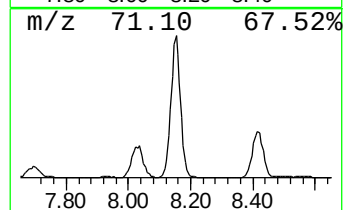
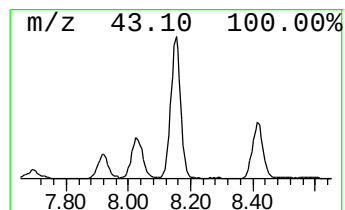
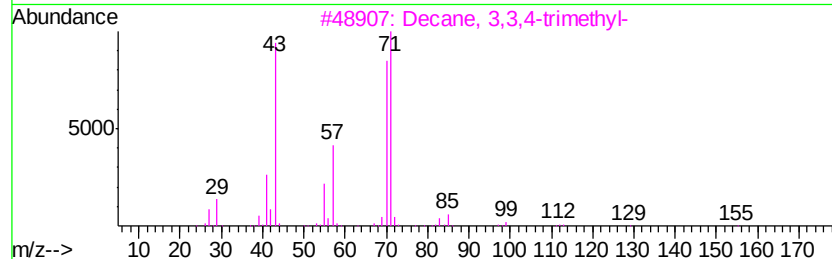
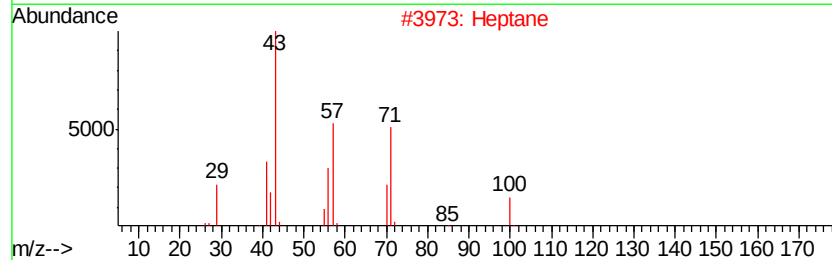
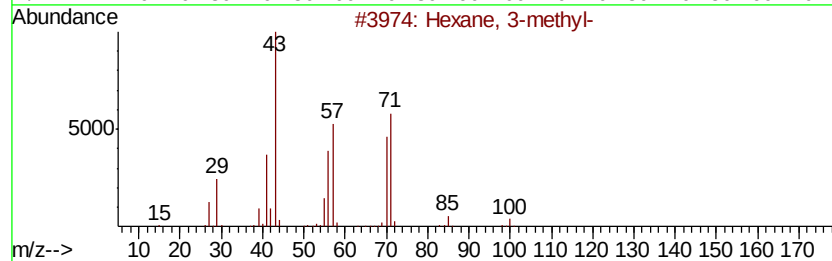
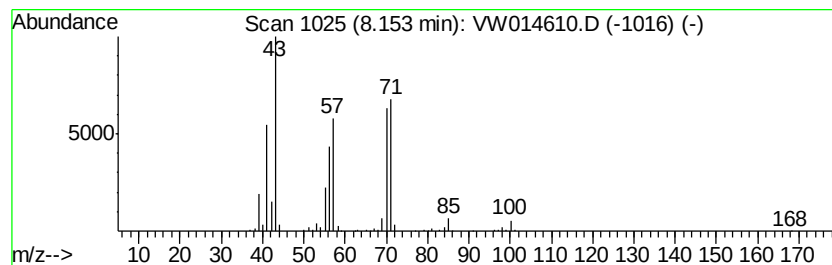
Instrument :
MSVOA_W
ClientSampleId :
GRAVEL-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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

Peak Number 3 Hexane, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.15	17.60 ug/l	507986	Pentafluorobenzene	7.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-		100	C7H16	000589-34-4	91
2	Heptane		100	C7H16	000142-82-5	72
3	Decane, 3,3,4-trimethyl-		184	C13H28	049622-18-6	53
4	Pentane, 2,3,4-trimethyl-		114	C8H18	000565-75-3	53
5	Heptane, 4-methyl-		114	C8H18	000589-53-7	53



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Sample : L1091-01
Misc : 4.8G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
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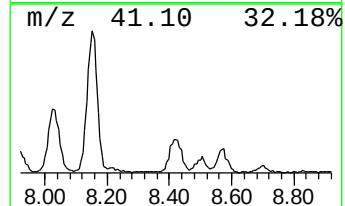
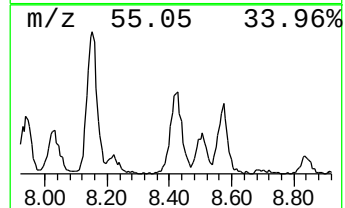
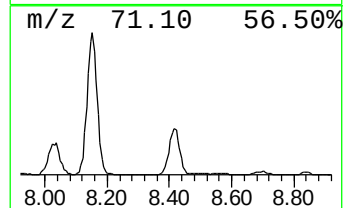
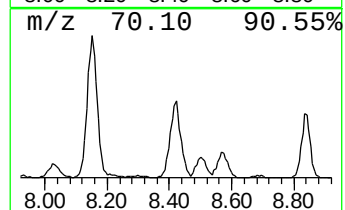
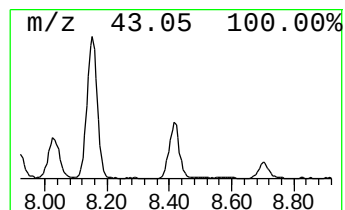
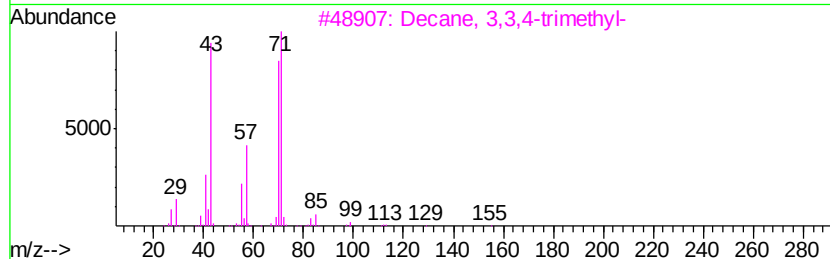
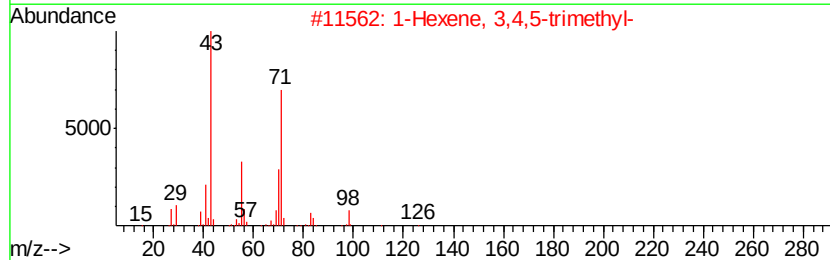
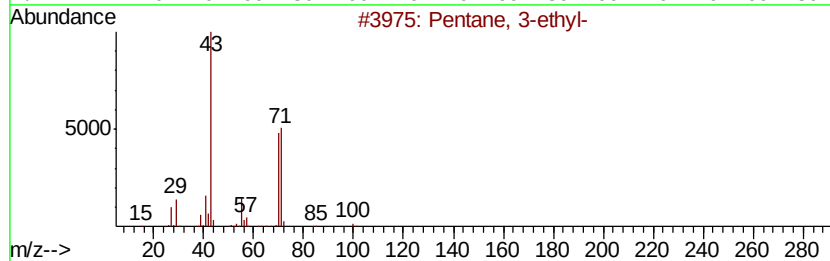
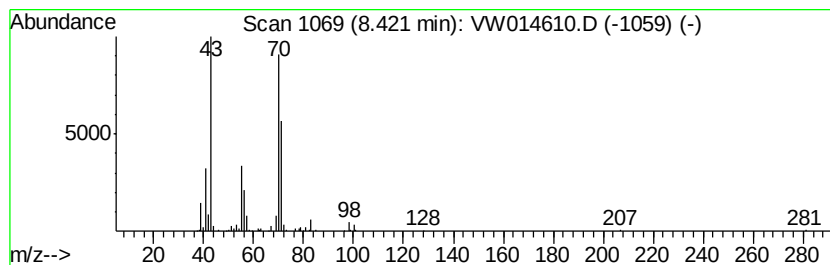
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown8.42 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	5.38 ug/l	204094	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	47
2		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	43
3		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	38
4		Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	38
5		Propanoic acid, 2-methyl-, 2-eth...	286	C16H30O4	074367-30-9	35



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Misc : 4.8G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GRAVEL-SOIL

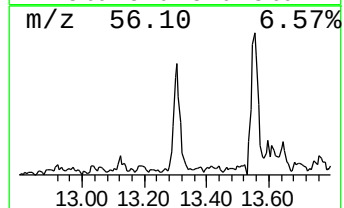
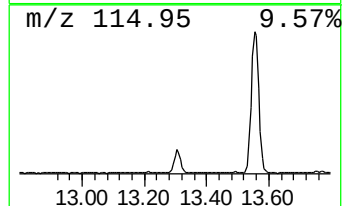
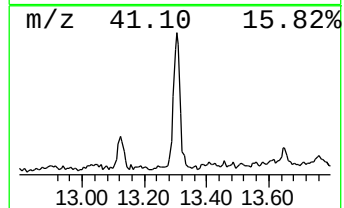
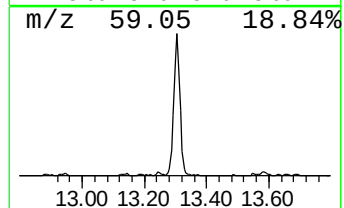
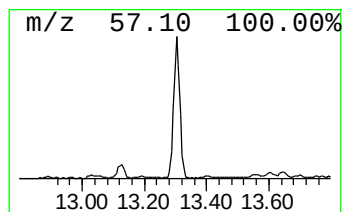
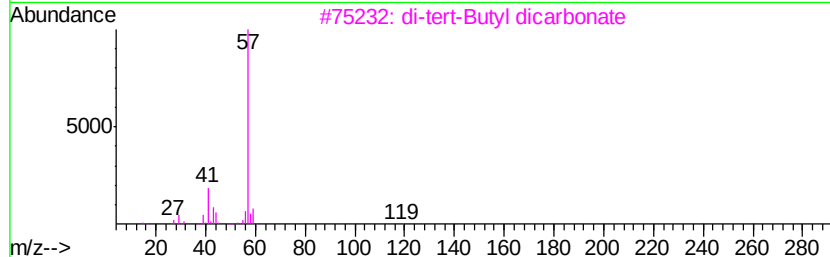
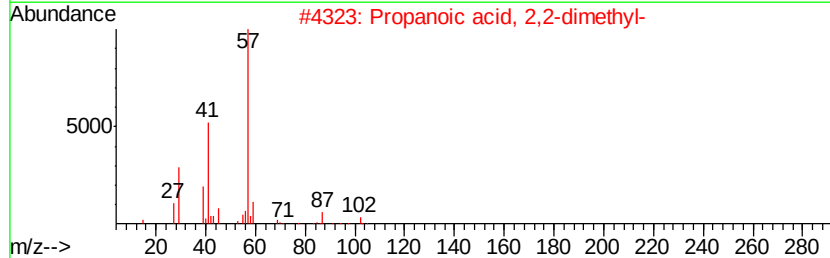
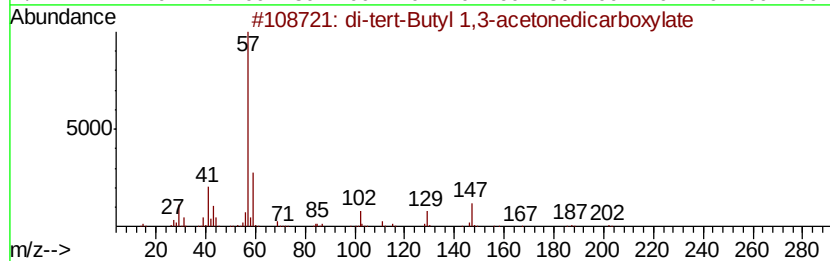
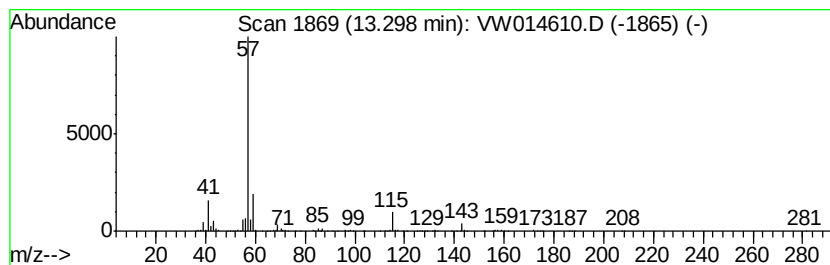
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Quant Title : SW846 8260

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

Peak Number 5 unknown13.30 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	12.94 ug/l	210222	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-tert-Butyl 1,3-acetonedicarbo...	258	C13H22O5	028009-80-5	40
2		Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	28
3		di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	27
4		3-Pentanol, 3-(1,1-dimethylethyl...	200	C13H28O	041902-42-5	25
5		Thiolane-3,4-dicarbonitrile, 2,5...	386	C16H20F6N2S	1000260-74-6	17



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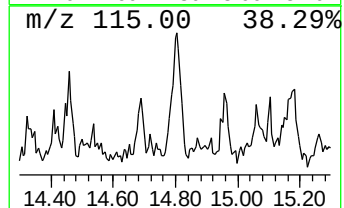
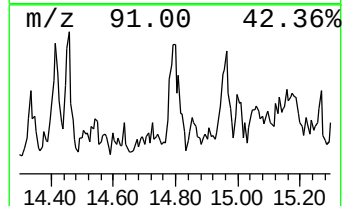
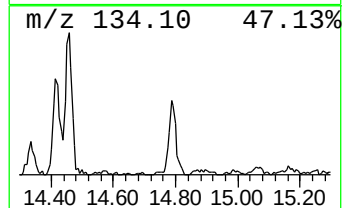
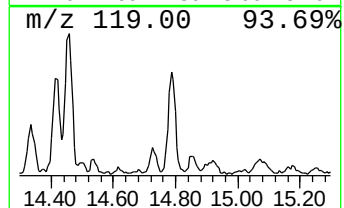
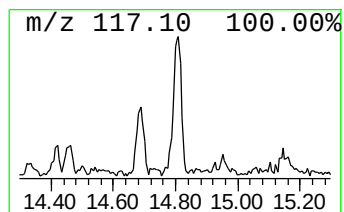
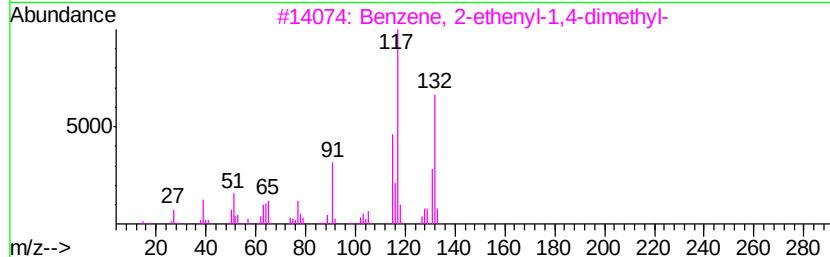
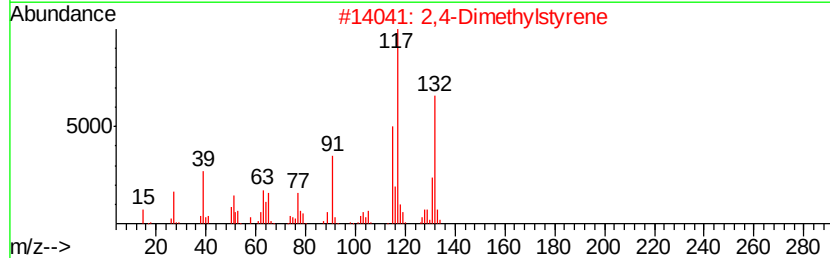
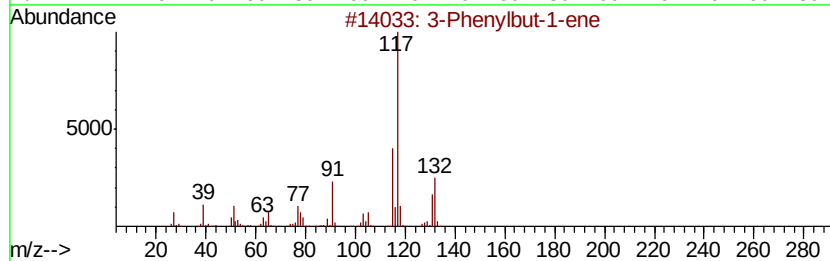
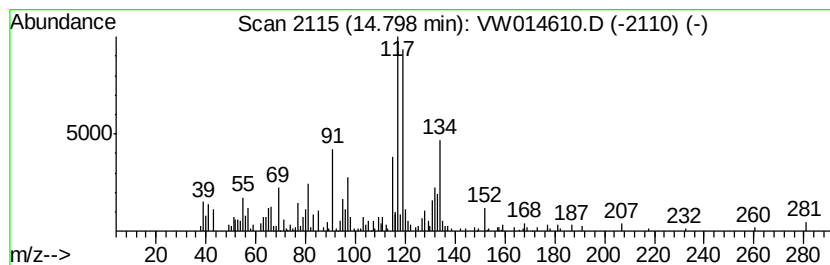
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.80 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	5.29 ug/l	85966	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	46
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	46
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	46
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	46
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011020\
Data File : VW014610.D
Acq On : 10 Jan 2020 19:55
Operator : SY/VA
Sample : L1091-01
Misc : 4.8G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GRAVEL-SOIL

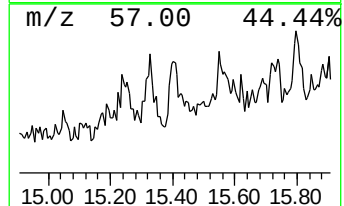
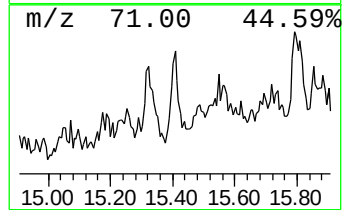
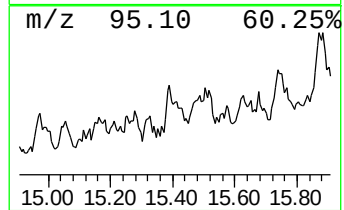
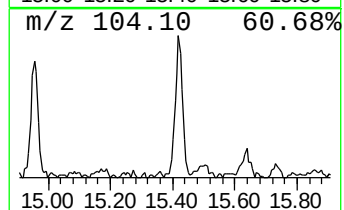
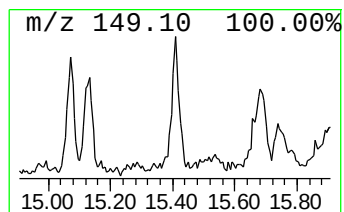
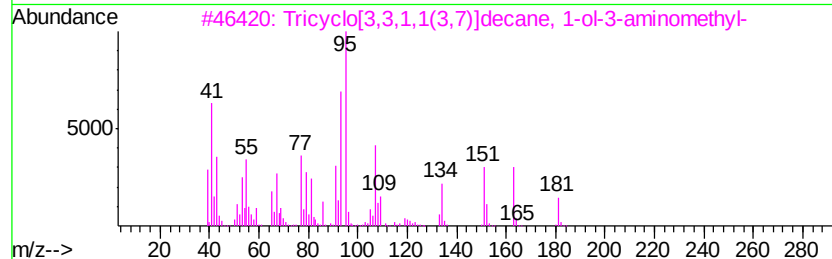
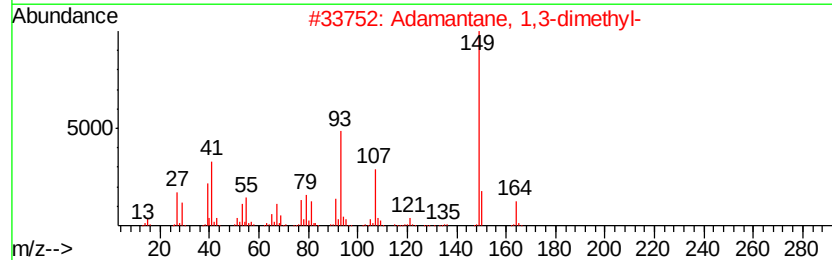
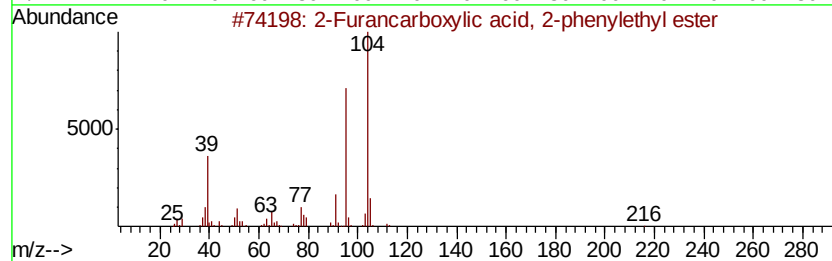
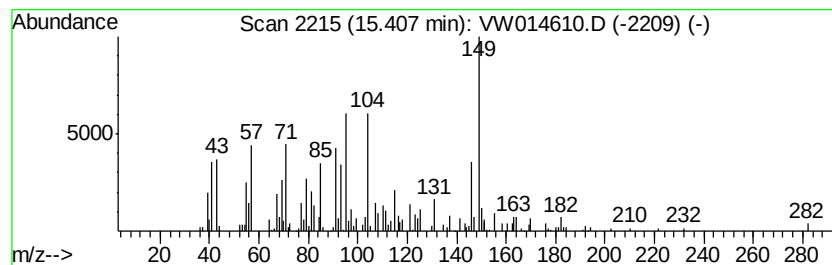
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown15.41 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	7.25 ug/l	117867	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Furancarboxylic acid, 2-phenyl...	216	C13H12O3	007149-32-8	22
2		Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	18
3		Tricyclo[3,3,1,1(3,7)]decane, 1-...	181	C11H19NO	067496-96-2	18
4		2,3,5,6-Tetramethyl benzyl alcohol	164	C11H16O	1000342-69-6	15
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	14



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011020\
Data File : VW014610.D
Acq On : 10 Jan 2020 19:55
Operator : SY/VA
Sample : L1091-01
Misc : 4.8G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GRAVEL-SOIL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.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
Pentane, 2,3-dime...	8.02	7.3	ug/l	211584	1	7.95	1443530	50.0
Hexane, 3-methyl-	8.15	17.6	ug/l	507986	1	7.95	1443530	50.0
unknown8.42	8.42	5.4	ug/l	204094	2	8.84	1898320	50.0
unknown13.30	13.30	12.9	ug/l	210222	4	13.56	812426	50.0
unknown14.80	14.80	5.3	ug/l	85966	4	13.56	812426	50.0
unknown15.41	15.41	7.3	ug/l	117867	4	13.56	812426	50.0