

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006826.D
 Acq On : 13 Nov 2018 01:27
 Operator : SY/AP
 Sample : J5906-01
 Misc : 9.87G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 06-TANK-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\82W111218S.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	7.891	973	982	987	rBV2	5961	14560	1.44%	0.428%
2	7.958	987	993	1000	rVB	10381	22973	2.27%	0.676%
3	8.311	1043	1051	1057	rBV3	5656	14445	1.43%	0.425%
4	8.848	1133	1139	1145	rBV2	13707	28881	2.86%	0.850%
5	10.329	1378	1382	1387	rVB	12973	21105	2.09%	0.621%
6	10.738	1440	1449	1450	rBV	43406	103577	10.25%	3.047%
7	11.634	1594	1596	1601	rVB	13194	16662	1.65%	0.490%
8	12.621	1754	1758	1764	rVB3	35505	64111	6.35%	1.886%
9	12.938	1791	1810	1831	rBV4	144428	1010099	100.00%	29.711%
10	13.176	1845	1849	1852	rVB5	10297	15209	1.51%	0.447%
11	13.359	1865	1879	1891	rBV3	152316	718273	71.11%	21.127%
12	13.487	1893	1900	1910	rVB2	46081	160900	15.93%	4.733%
13	13.707	1932	1936	1941	rVB6	13523	22012	2.18%	0.647%
14	13.883	1960	1965	1970	rBV6	22425	48707	4.82%	1.433%
15	13.987	1975	1982	1994	rVV6	41081	153728	15.22%	4.522%
16	14.097	1998	2000	2005	rVB2	16512	22207	2.20%	0.653%
17	14.207	2014	2018	2024	rBV6	13961	26765	2.65%	0.787%
18	14.274	2025	2029	2034	rBV7	8827	21187	2.10%	0.623%
19	14.353	2034	2042	2045	rVV6	14973	43421	4.30%	1.277%
20	14.396	2045	2049	2052	rVB4	23055	34026	3.37%	1.001%
21	14.505	2064	2067	2071	rVB4	15078	19109	1.89%	0.562%
22	14.554	2071	2075	2081	rBV7	24407	42982	4.26%	1.264%
23	14.700	2096	2099	2103	rBV6	9300	13129	1.30%	0.386%
24	14.743	2103	2106	2109	rVB3	9388	10592	1.05%	0.312%
25	14.810	2111	2117	2120	rVV5	31119	72770	7.20%	2.140%
26	14.847	2120	2123	2131	rVB2	49910	99367	9.84%	2.923%
27	15.072	2156	2160	2164	rBV5	20547	35124	3.48%	1.033%
28	15.188	2174	2179	2187	rVB5	23375	50480	5.00%	1.485%
29	15.334	2199	2203	2211	rBV2	57883	100555	9.95%	2.958%
30	15.481	2223	2227	2229	rBV5	12305	18391	1.82%	0.541%
31	15.664	2250	2257	2264	rBV6	33761	99448	9.85%	2.925%
32	15.743	2266	2270	2277	rVB5	25375	50211	4.97%	1.477%
33	15.871	2289	2291	2297	rVB4	21219	31215	3.09%	0.918%
34	16.298	2357	2361	2368	rVV2	23336	40726	4.03%	1.198%

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Instrument :
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ClientSampleId :
06-TANK-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

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35	16.389	2371	2376	2381	rVB4	19107	40864	4.05%	1.202%
36	16.651	2412	2419	2432	rVB5	33363	111912	11.08%	3.292%

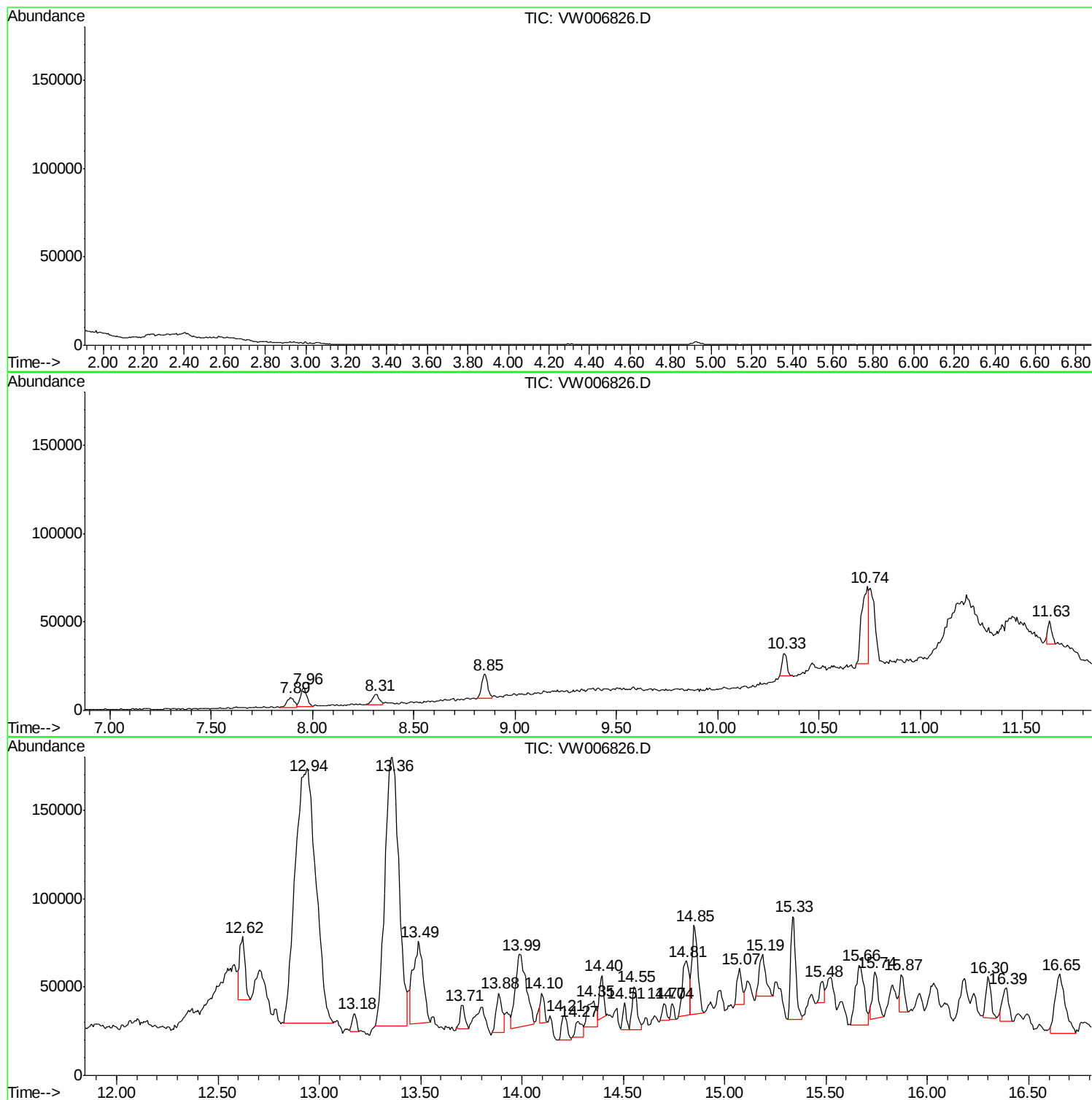
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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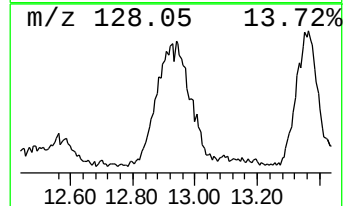
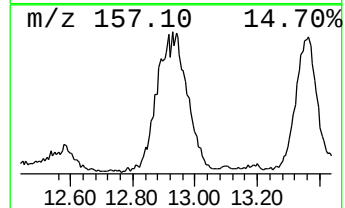
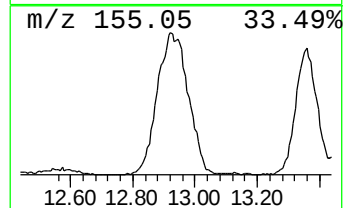
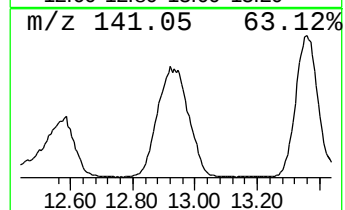
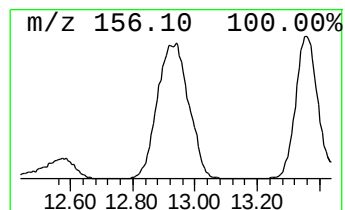
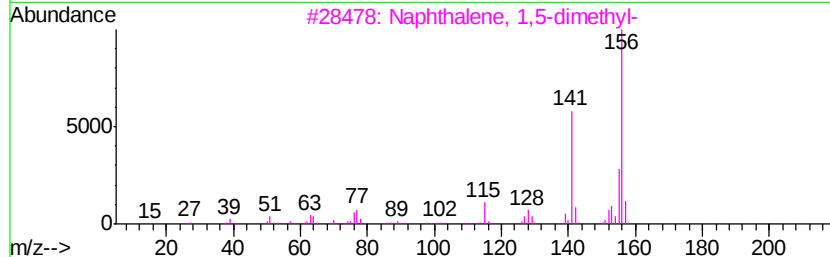
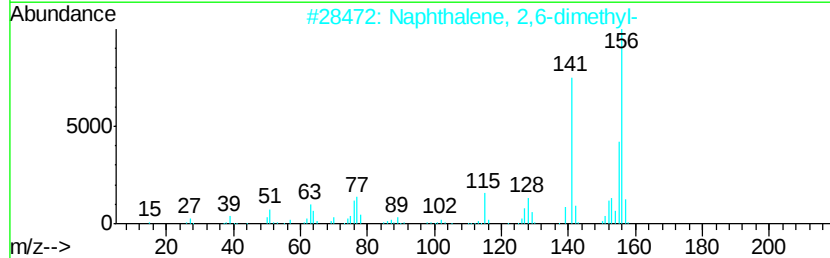
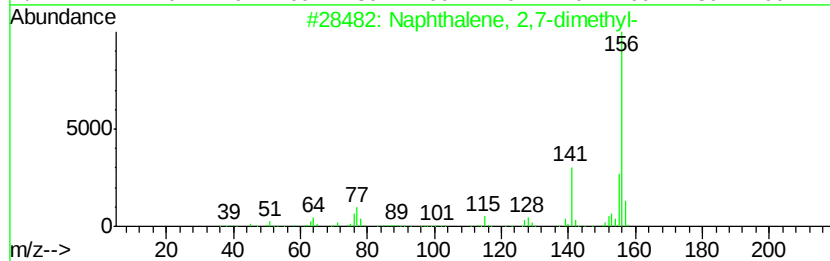
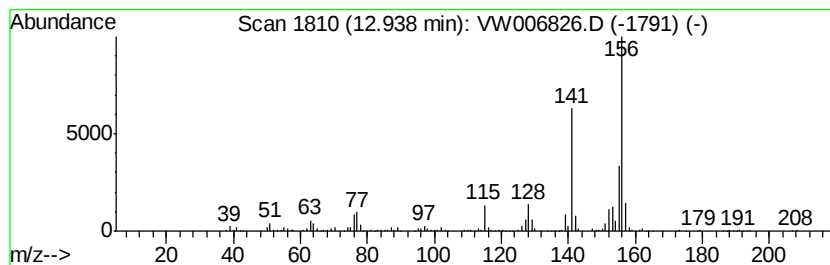
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	313.89 ug/l	1010100	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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Misc : 9.87G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

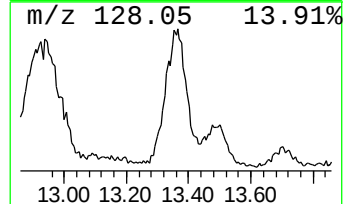
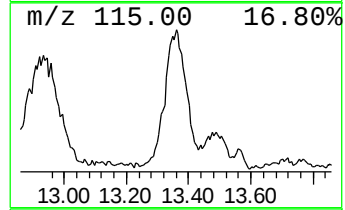
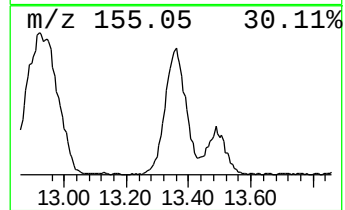
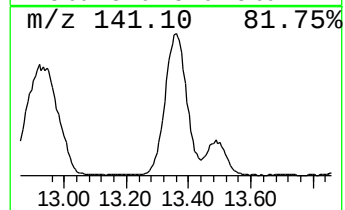
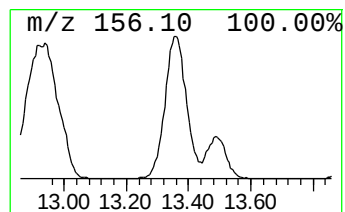
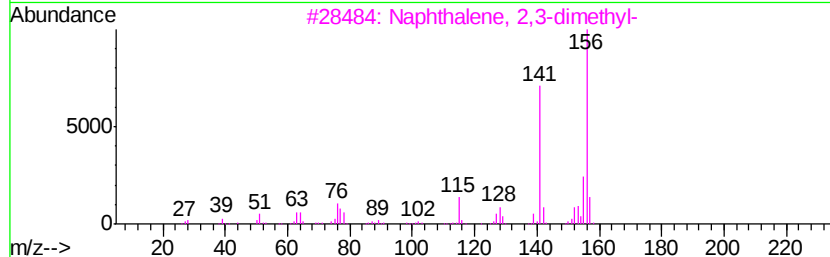
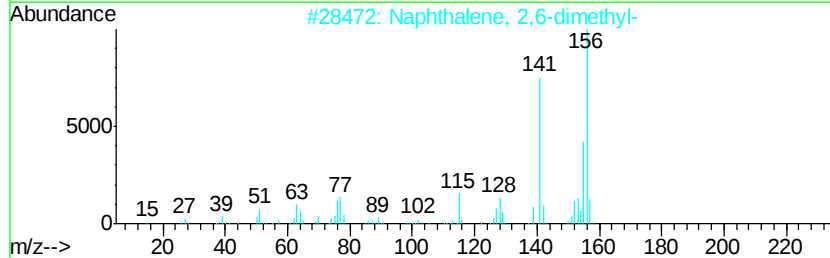
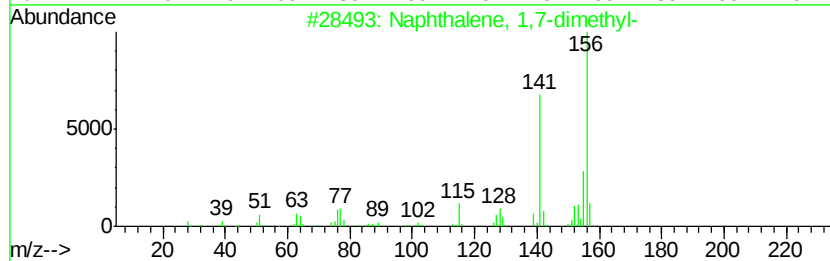
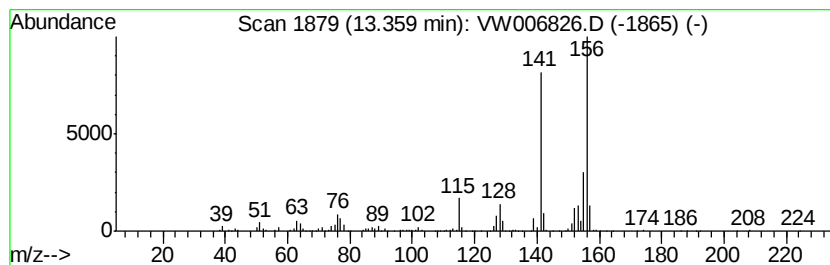
Instrument :
MSVOA_W
ClientSampleId :
06-TANK-SOIL

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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	223.21 ug/l	718273	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



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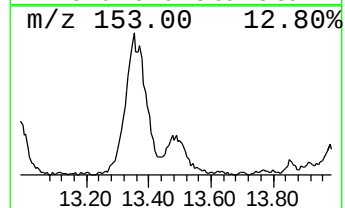
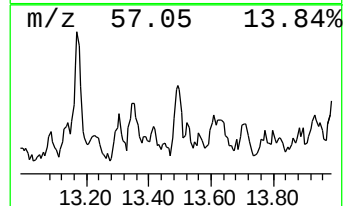
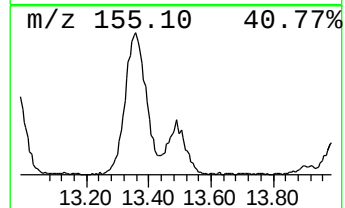
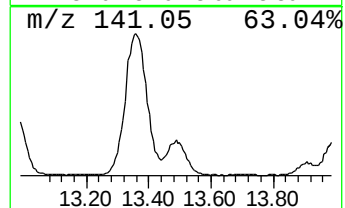
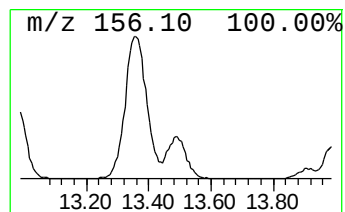
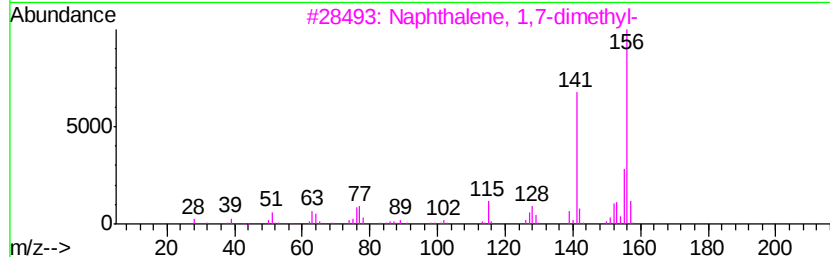
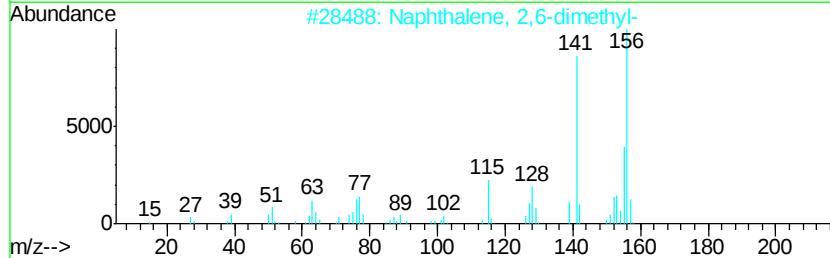
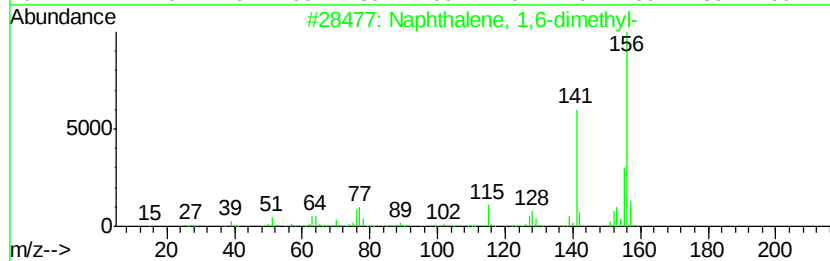
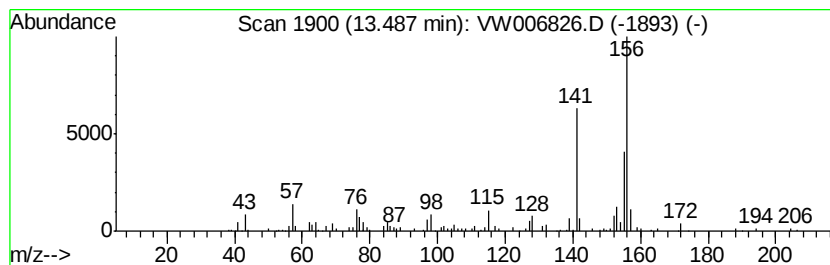
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Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	50.00 ug/l	160900	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93



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Instrument :
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ClientSampleId :
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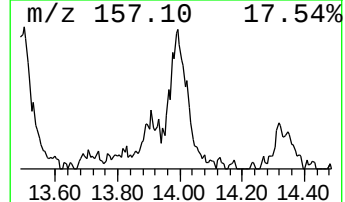
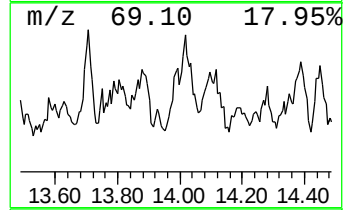
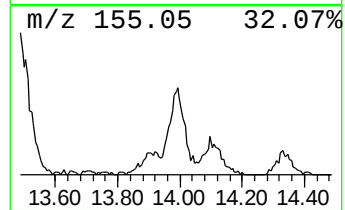
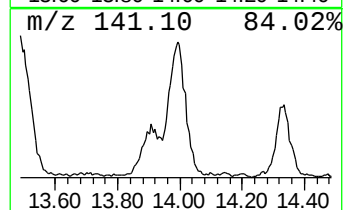
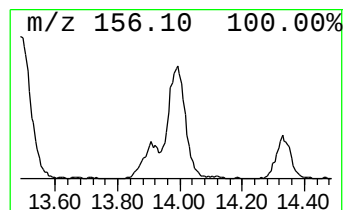
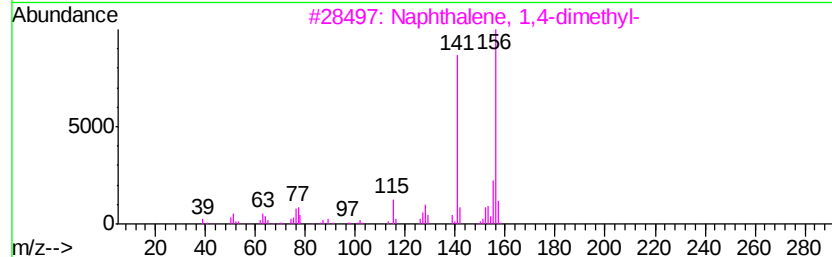
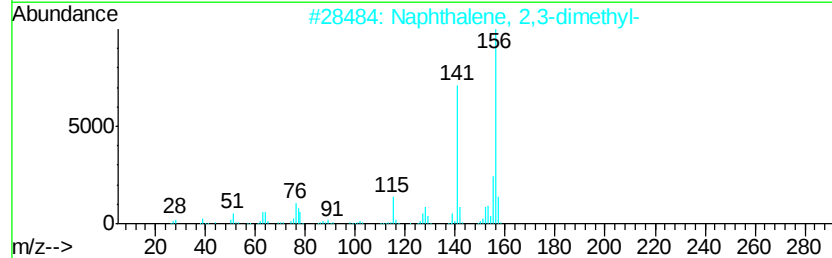
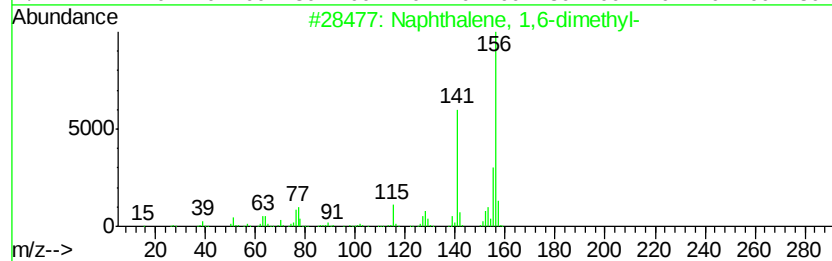
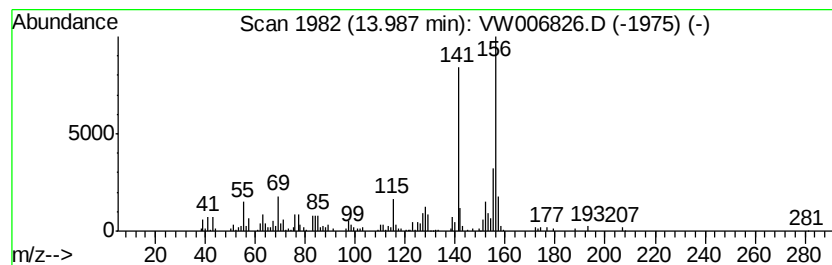
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	47.77 ug/l	153728	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



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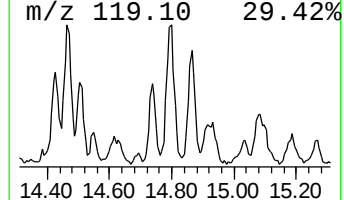
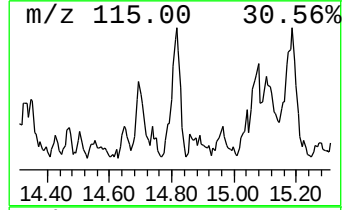
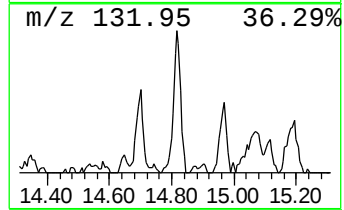
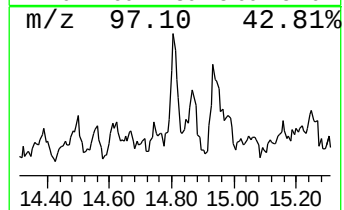
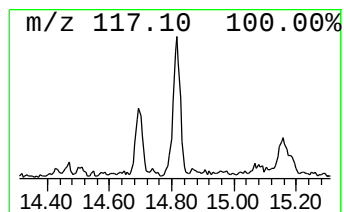
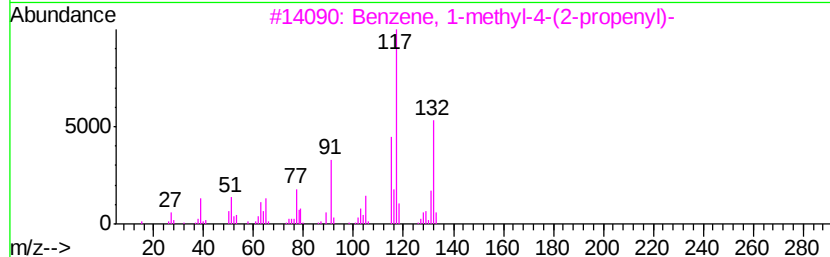
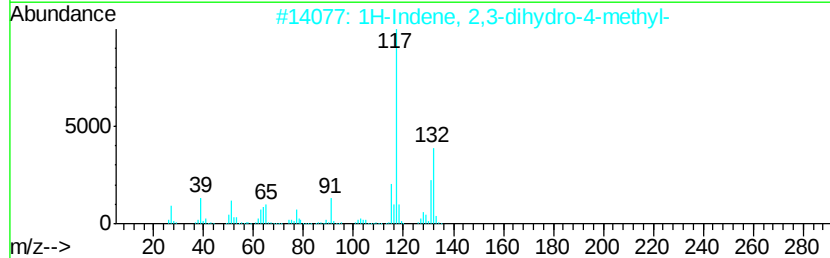
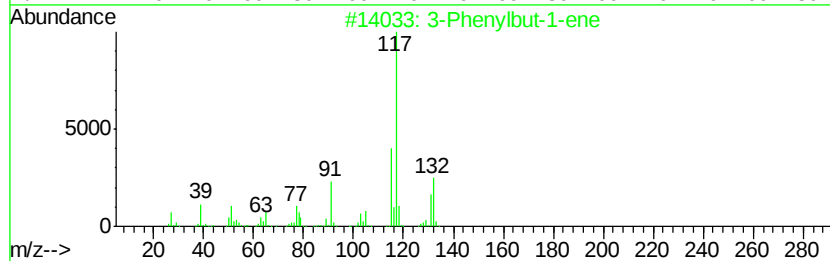
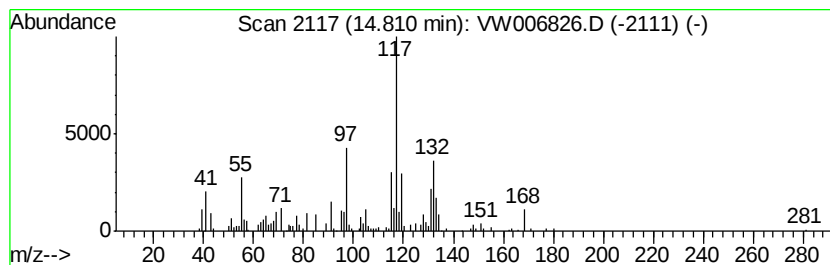
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 3-Phenylbut-1-ene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	22.61 ug/l	72770	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
3		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	60
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	60
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
Data File : VW006826.D
Acq On : 13 Nov 2018 01:27
Operator : SY/AP
Sample : J5906-01
Misc : 9.87G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
06-TANK-SOIL

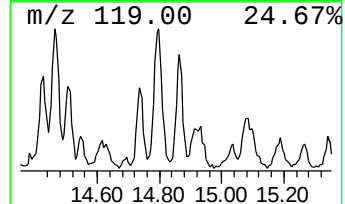
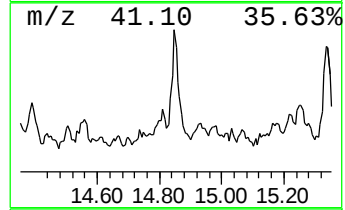
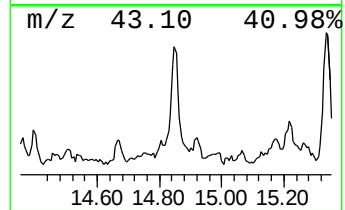
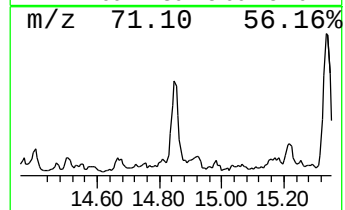
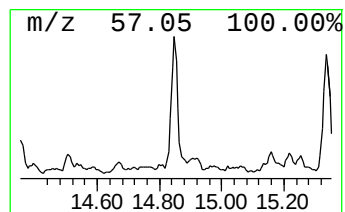
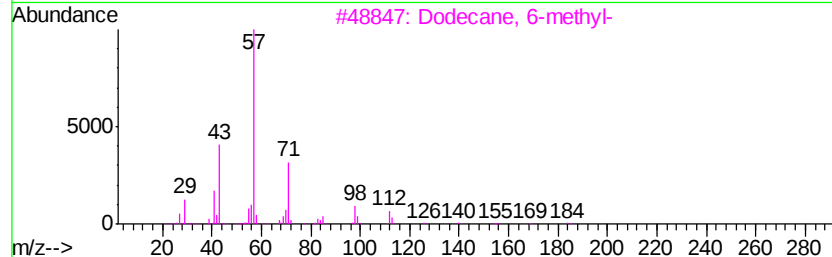
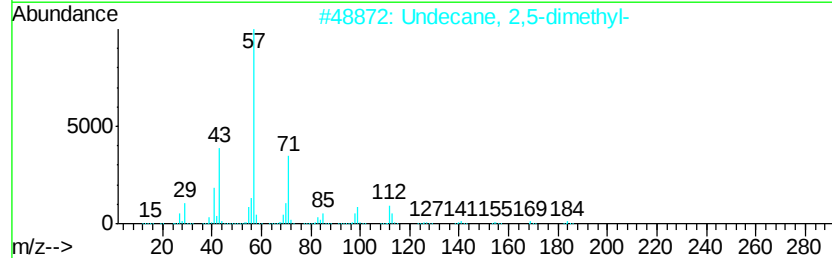
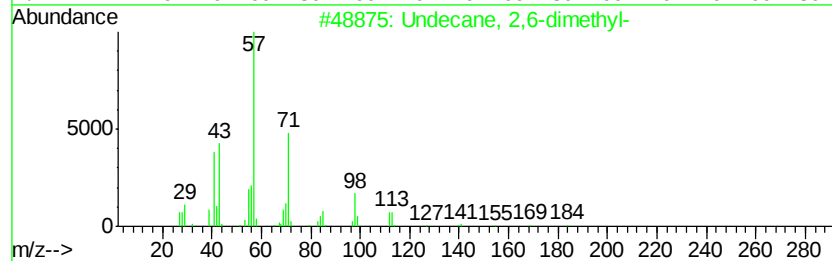
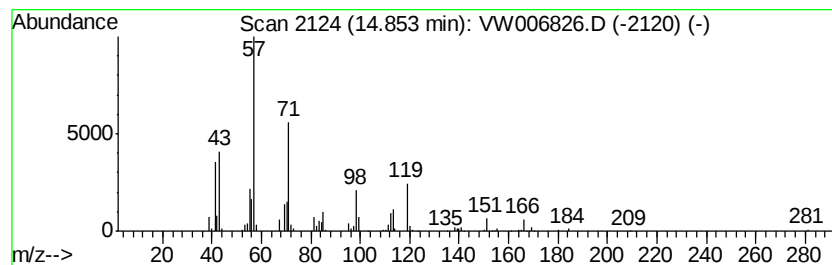
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	30.88 ug/l	99367	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	74
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53
5		Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
Data File : VW006826.D
Acq On : 13 Nov 2018 01:27
Operator : SY/AP
Sample : J5906-01
Misc : 9.87G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
06-TANK-SOIL

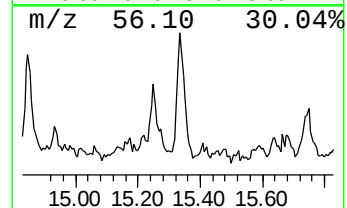
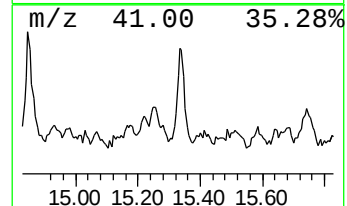
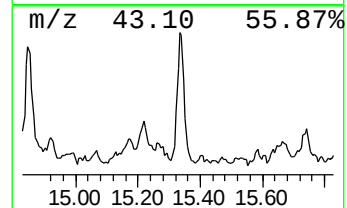
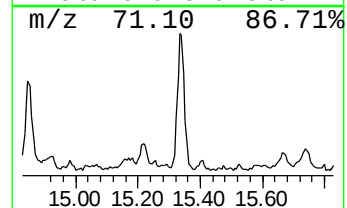
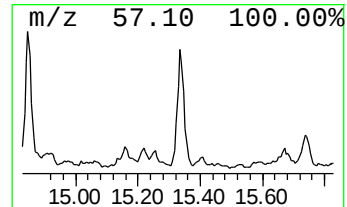
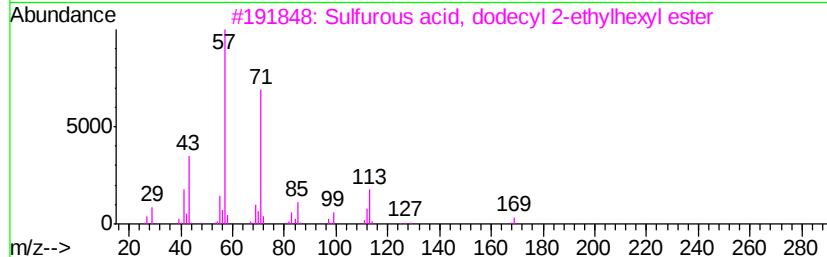
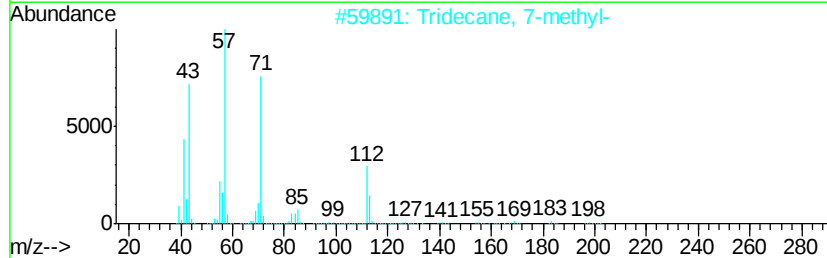
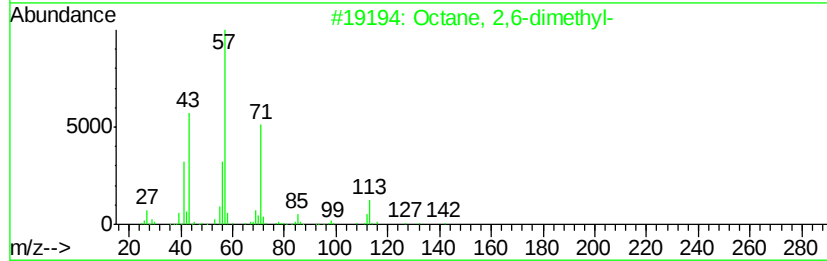
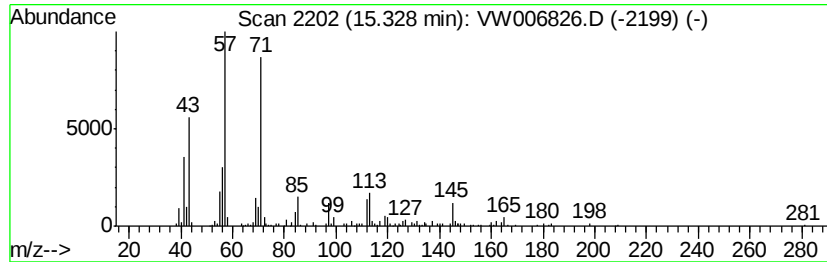
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260

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

Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	31.25 ug/l	100555	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2		Tridecane, 7-methyl-	198	C14H30	026730-14-3	68
3		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	59
5		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
Data File : VW006826.D
Acq On : 13 Nov 2018 01:27
Operator : SY/AP
Sample : J5906-01
Misc : 9.87G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
06-TANK-SOIL

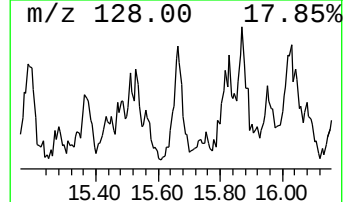
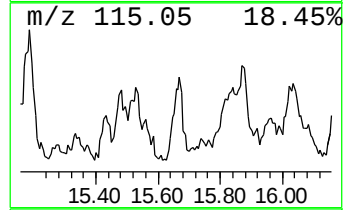
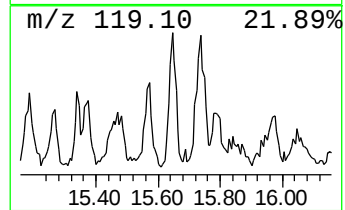
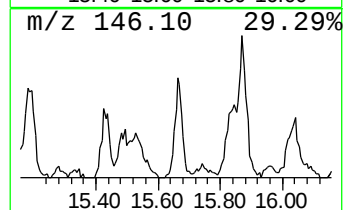
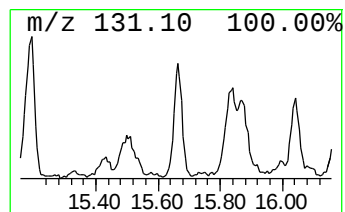
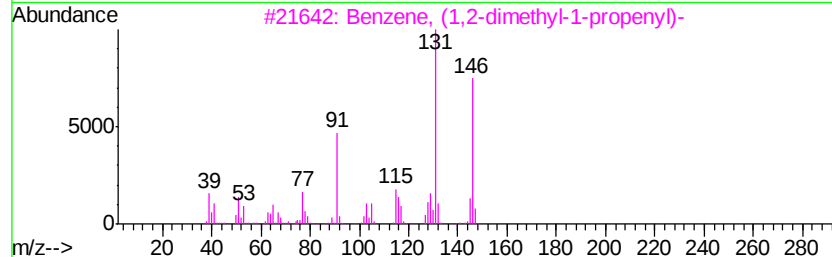
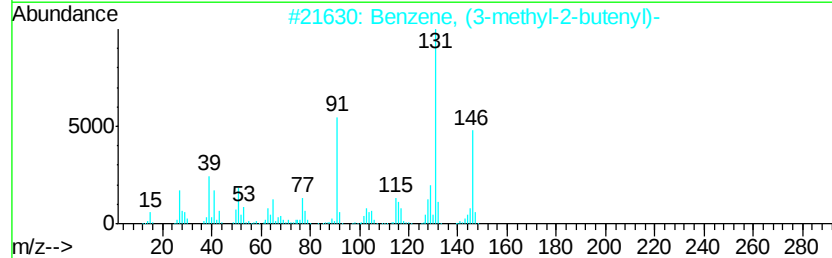
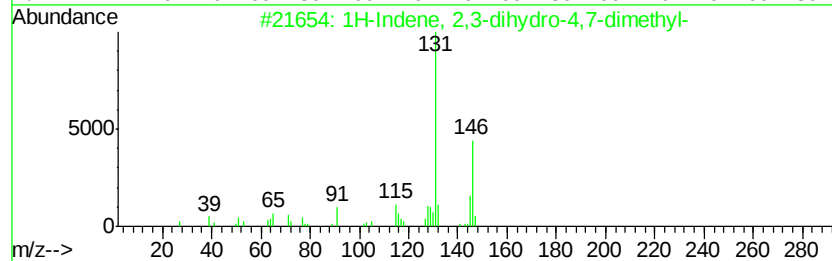
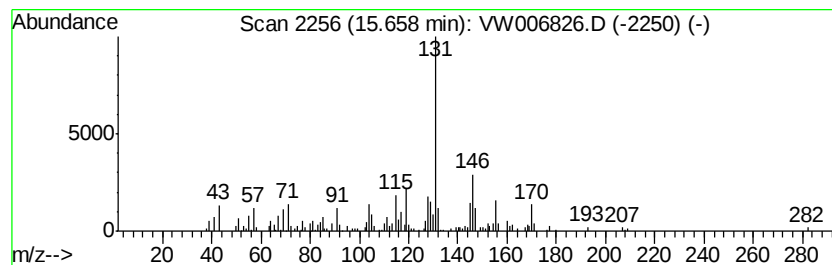
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260

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

Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	30.90 ug/l	99448	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95	
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94	
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	83	
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83	
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	81	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
Data File : VW006826.D
Acq On : 13 Nov 2018 01:27
Operator : SY/AP
Sample : J5906-01
Misc : 9.87G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
06-TANK-SOIL

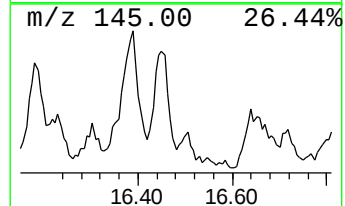
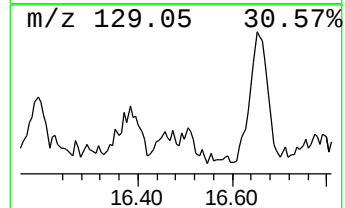
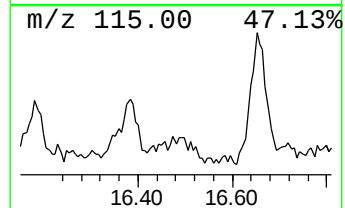
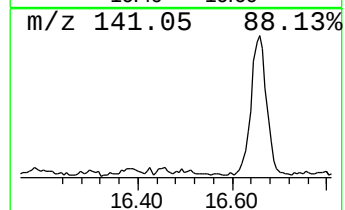
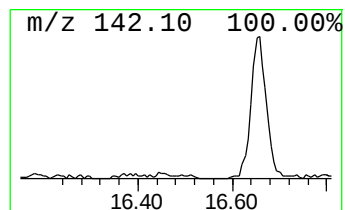
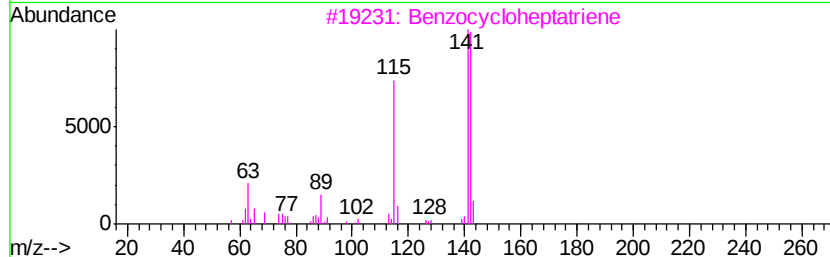
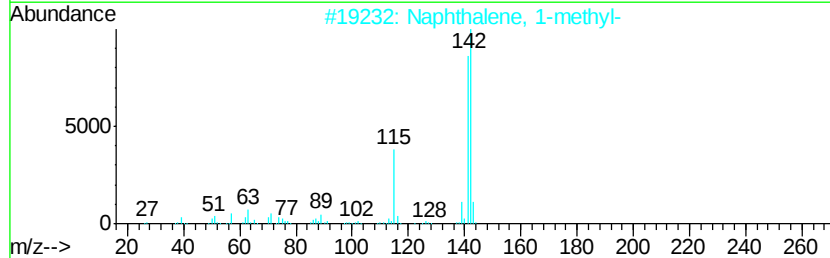
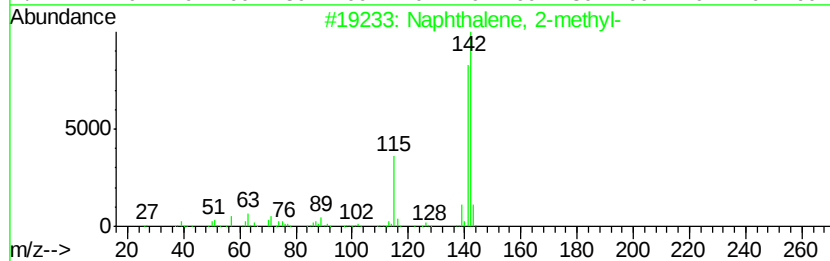
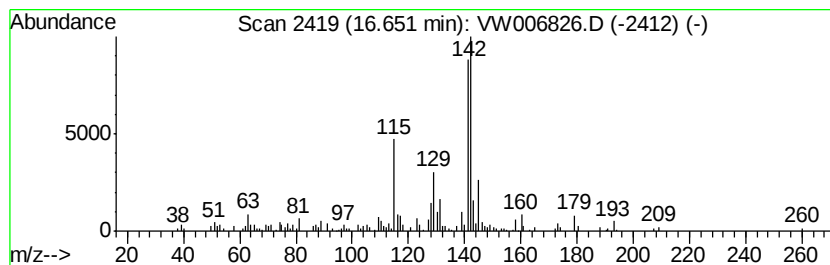
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	34.78 ug/l	111912	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	76
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	76
3		Benzocycloheptatriene	142	C11H10	000264-09-5	70
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	64
5		Naphthalene, 1-(2-hydroxypropyl)	186	C13H14O	027653-13-0	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
Data File : VW006826.D
Acq On : 13 Nov 2018 01:27
Operator : SY/AP
Sample : J5906-01
Misc : 9.87G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
06-TANK-SOIL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.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
Naphthalene, 2,7-...	12.94	313.9	ug/l	1010100	4	13.57	160900	50.0
Naphthalene, 1,7-...	13.36	223.2	ug/l	718273	4	13.57	160900	50.0
Naphthalene, 2,6-...	13.49	50.0	ug/l	160900	4	13.57	160900	50.0
Naphthalene, 1,6-...	13.99	47.8	ug/l	153728	4	13.57	160900	50.0
3-Phenylbut-1-ene	14.81	22.6	ug/l	72770	4	13.57	160900	50.0
Undecane, 2,6-dim...	14.85	30.9	ug/l	99367	4	13.57	160900	50.0
Octane, 2,6-dimet...	15.33	31.3	ug/l	100555	4	13.57	160900	50.0
1H-Indene, 2,3-di...	15.66	30.9	ug/l	99448	4	13.57	160900	50.0
Naphthalene, 2-me...	16.65	34.8	ug/l	111912	4	13.57	160900	50.0