

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006840.D
 Acq On : 13 Nov 2018 07:25
 Operator : SY/AP
 Sample : J5860-15
 Misc : 5.15G/5ML/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-105(8-12)

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	4.135	355	366	380	rBV	7944	25055	1.03%	0.154%
2	4.922	483	495	509	rVB	34272	109458	4.51%	0.674%
3	7.141	851	859	869	rBV	10016	30564	1.26%	0.188%
4	7.885	972	981	986	rBV	170338	407832	16.80%	2.510%
5	7.952	986	992	1006	rVB	457356	1009657	41.60%	6.213%
6	8.311	1043	1051	1059	rBV	155820	341001	14.05%	2.098%
7	8.848	1131	1139	1149	rBV	588299	1175271	48.42%	7.232%
8	10.329	1375	1382	1388	rBV	698793	1253602	51.65%	7.714%
9	10.750	1441	1451	1460	rBV3	46078	186618	7.69%	1.148%
10	11.634	1590	1596	1618	rVB	951492	1990713	82.02%	12.250%
11	12.621	1753	1758	1764	rBV	550760	876767	36.12%	5.395%
12	12.902	1794	1804	1805	rBV5	315676	707380	29.15%	4.353%
13	13.365	1868	1880	1891	rBV2	542456	2427063	100.00%	14.936%
14	13.487	1892	1900	1908	rVV2	357199	1360137	56.04%	8.370%
15	13.560	1908	1912	1922	rVB	919818	1529777	63.03%	9.414%
16	13.786	1943	1949	1960	rVB6	151425	553051	22.79%	3.403%
17	13.890	1963	1966	1967	rBV3	33813	42115	1.74%	0.259%
18	13.993	1976	1983	1993	rVB2	217890	734332	30.26%	4.519%
19	14.335	2033	2039	2047	rBV	91940	256498	10.57%	1.578%
20	14.798	2109	2115	2123	rVB6	68048	180282	7.43%	1.109%
21	15.115	2157	2167	2174	rBV	139104	426040	17.55%	2.622%
22	15.658	2249	2256	2266	rBV5	70425	229957	9.47%	1.415%
23	16.170	2334	2340	2347	rVB4	31223	84800	3.49%	0.522%
24	16.298	2358	2361	2368	rVB3	16921	28737	1.18%	0.177%
25	16.450	2382	2386	2399	rVB3	48655	143519	5.91%	0.883%
26	16.657	2413	2420	2432	rVB	48134	139847	5.76%	0.861%

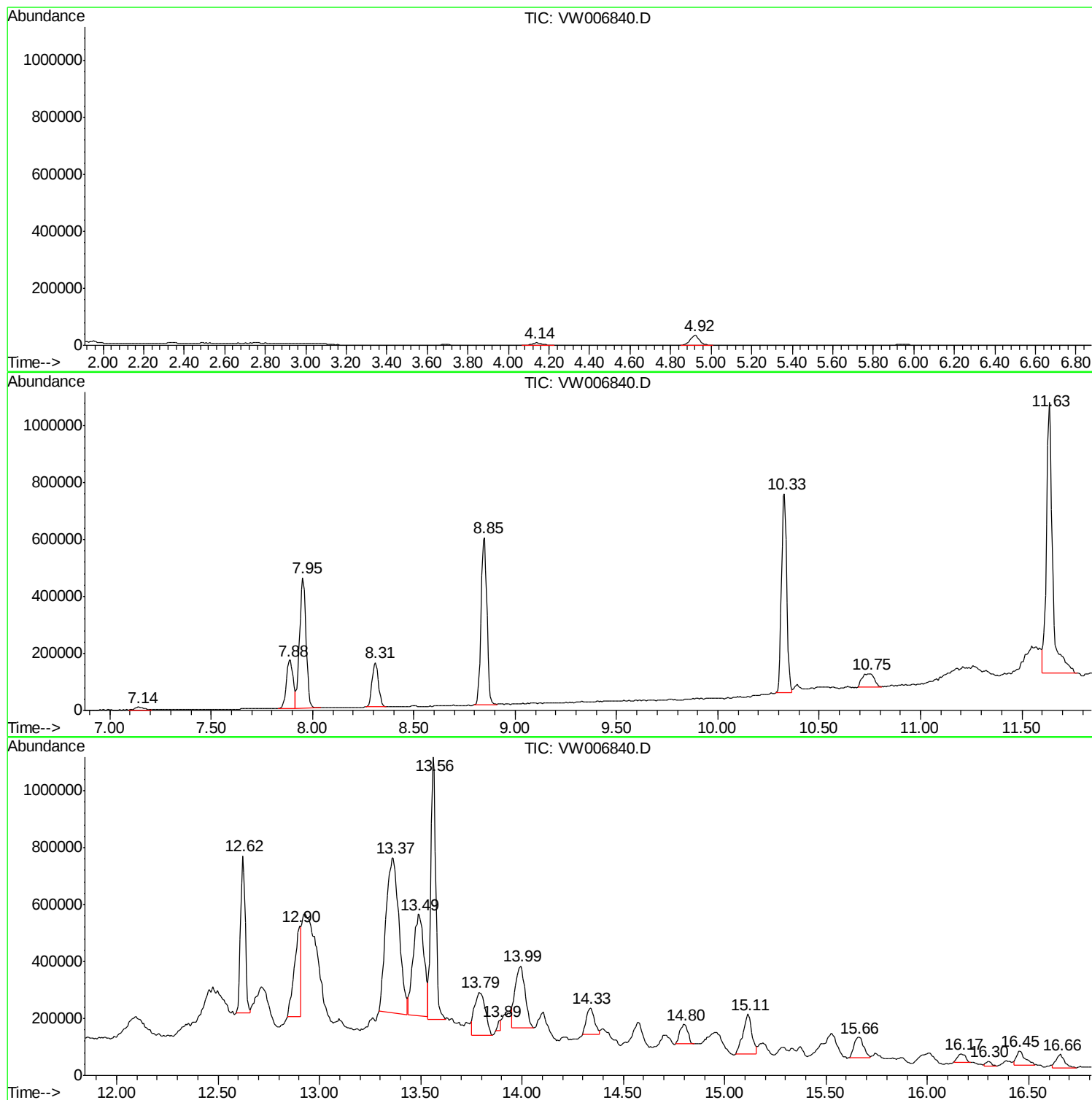
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Misc : 5.15G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-105(8-12)

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



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Misc : 5.15G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

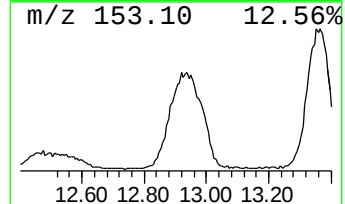
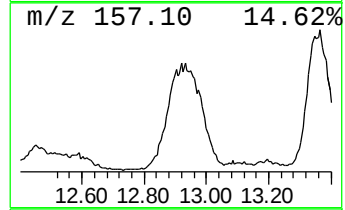
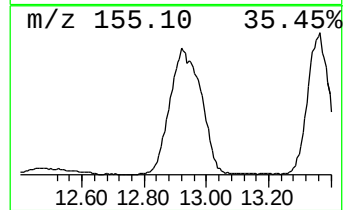
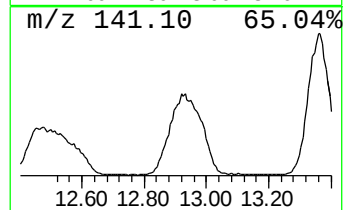
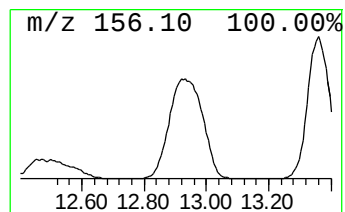
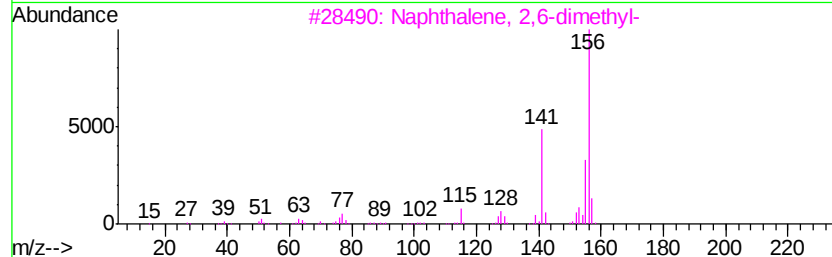
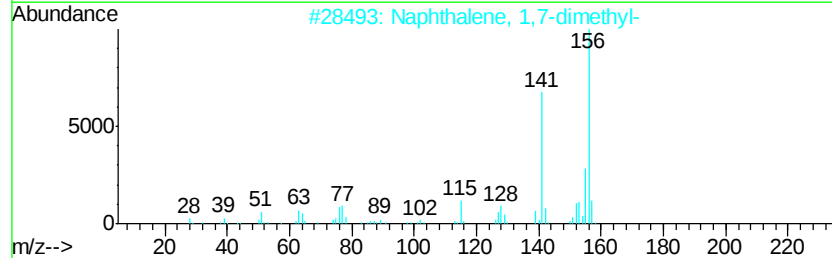
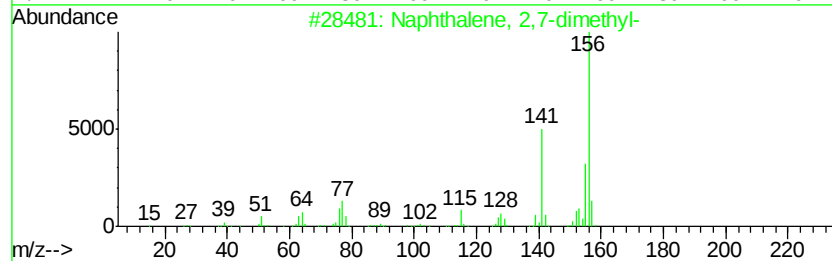
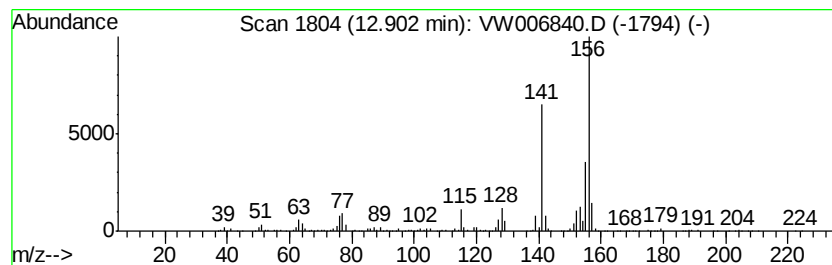
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-105(8-12)

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 1 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	23.12 ug/l	707380	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96



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MSVOA_W
ClientSampleId :
EP2-SB-105(8-12)

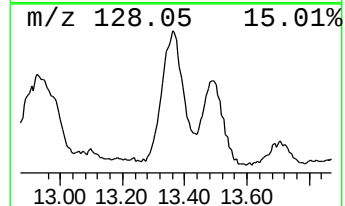
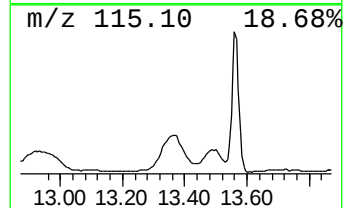
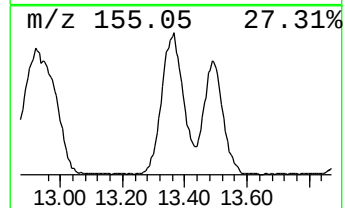
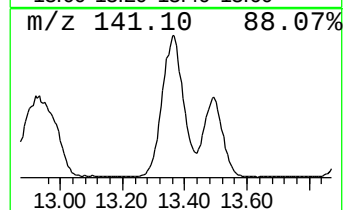
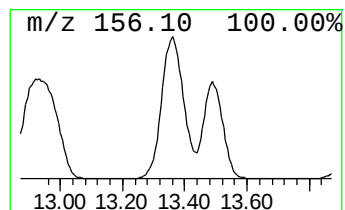
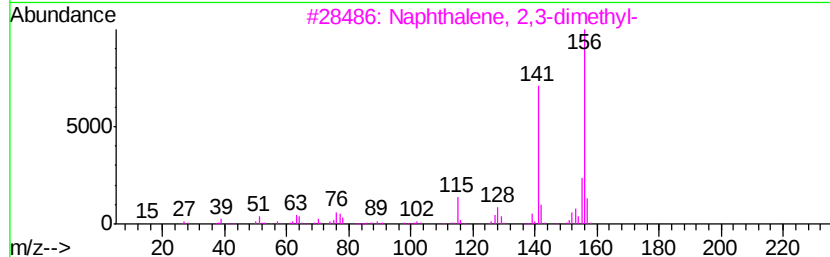
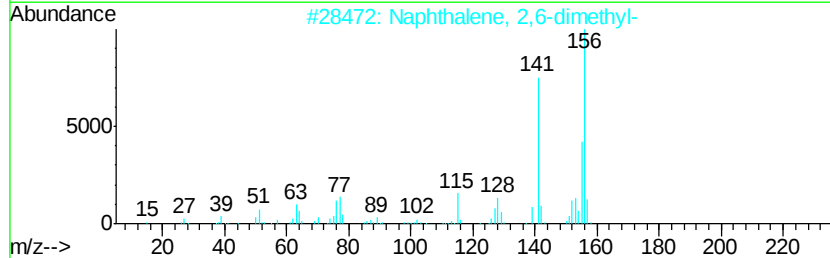
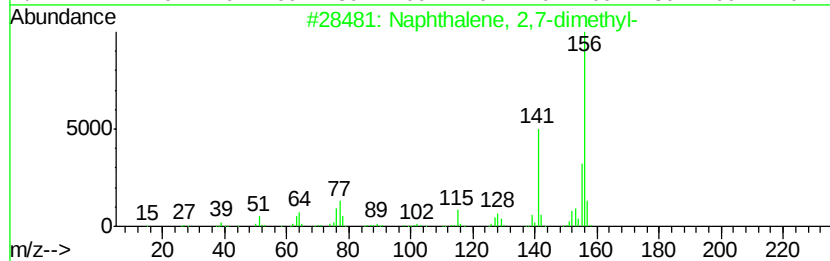
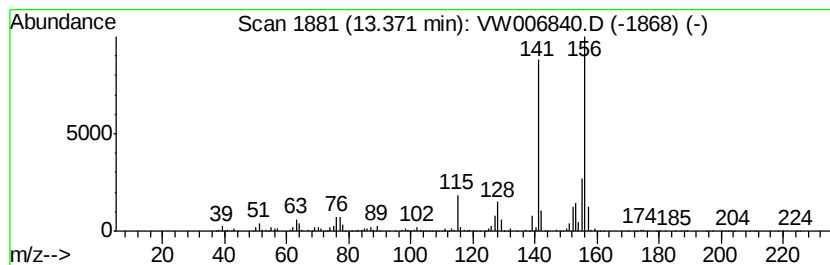
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	79.33 ug/l	2427060	1,4-Dichlorobenzene-d4	13.56

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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



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ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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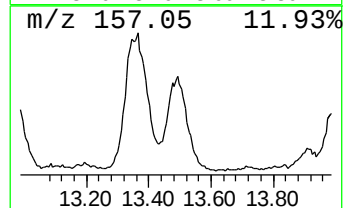
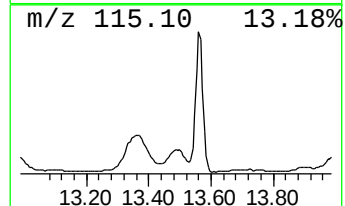
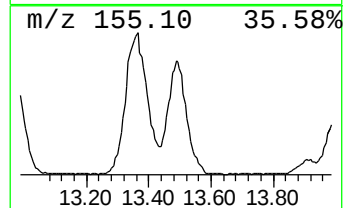
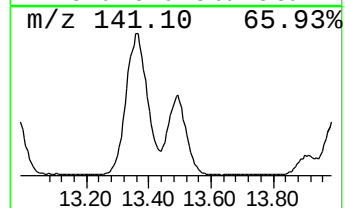
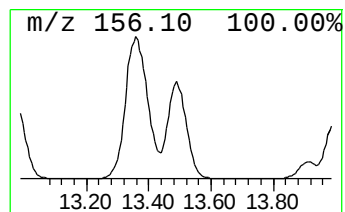
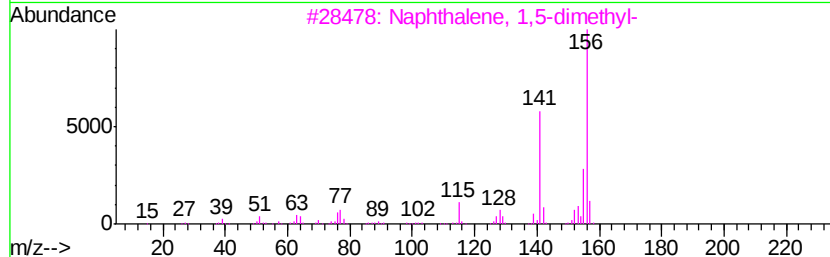
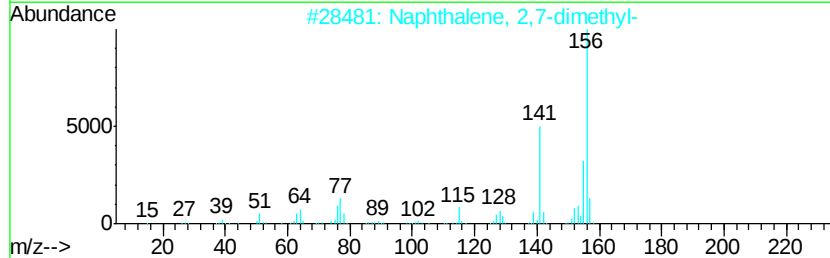
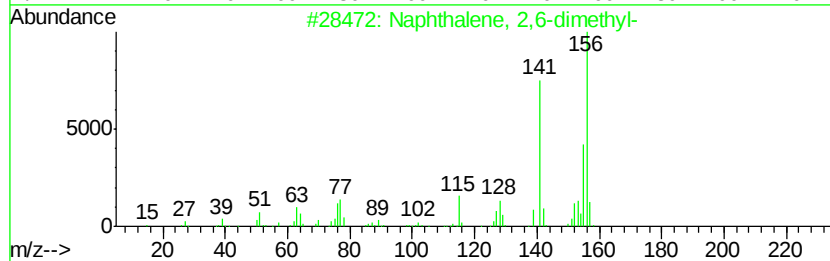
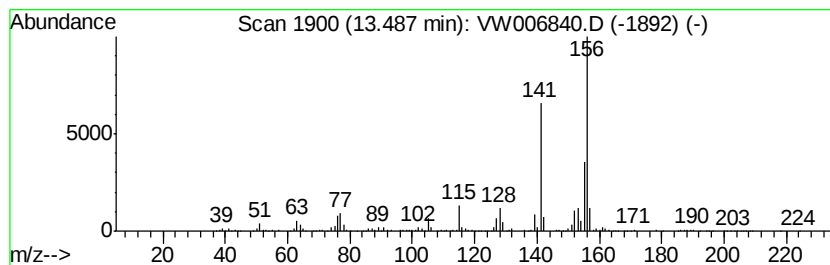
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Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	44.46 ug/l	1360140	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



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Operator : SY/AP
Sample : J5860-15
Misc : 5.15G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-105(8-12)

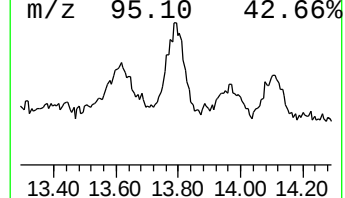
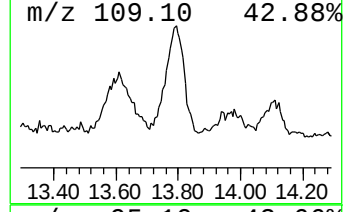
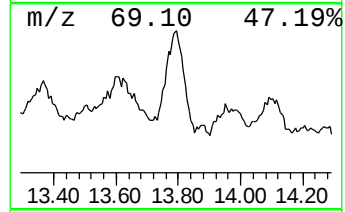
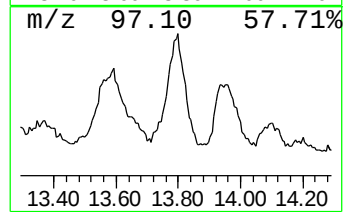
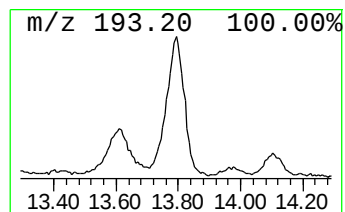
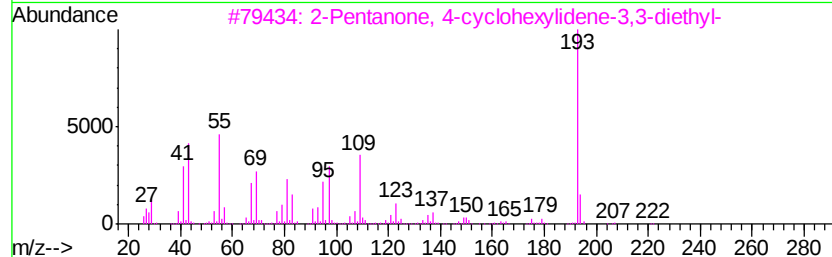
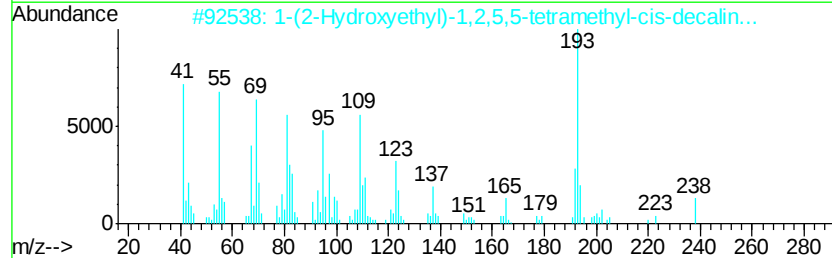
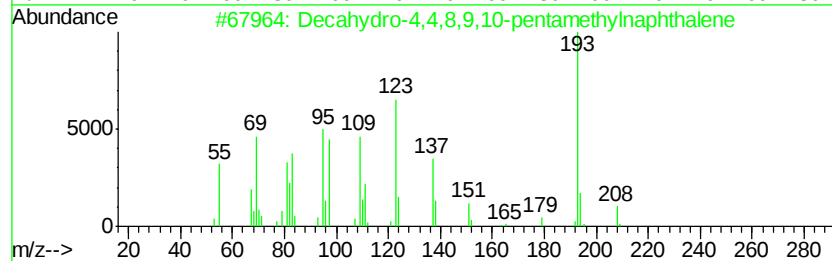
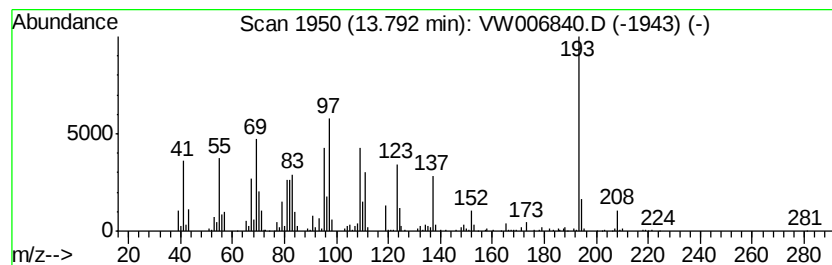
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Quant Title : SW846 8260

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

Peak Number 4 Decahydro-4,4,8,9,10-pentam... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	18.08 ug/l	553051	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	90
2		1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1000298-97-4	72
3		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	47
4		3H-3,10a-Methano-1,2-benzodioxoc...	226	C13H22O3	095906-83-5	40
5		2-Anthracenamine	193	C14H11N	000613-13-8	22



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Misc : 5.15G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

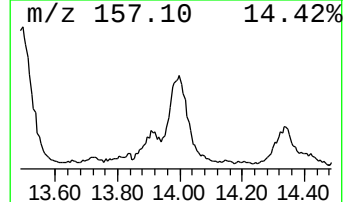
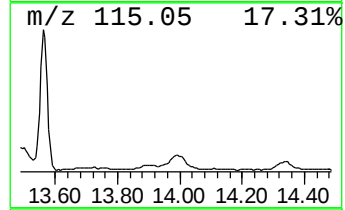
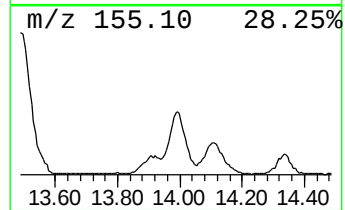
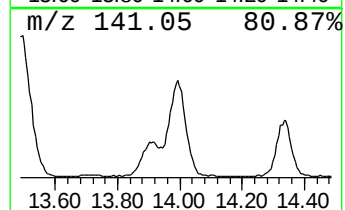
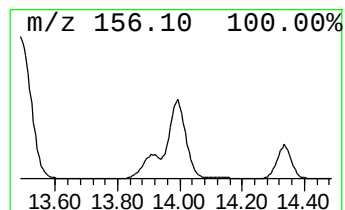
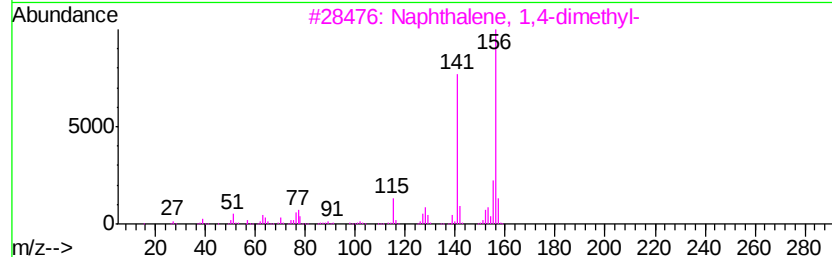
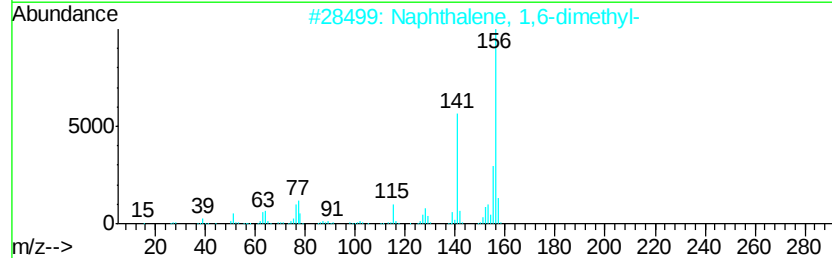
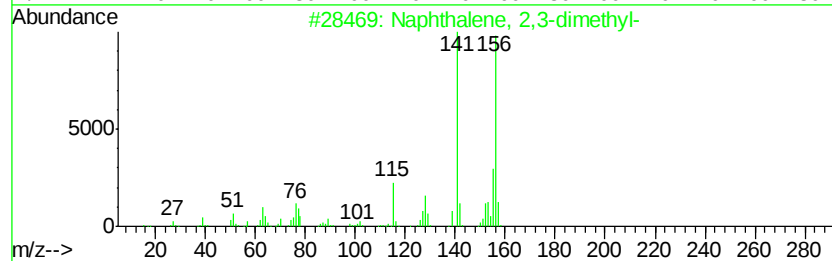
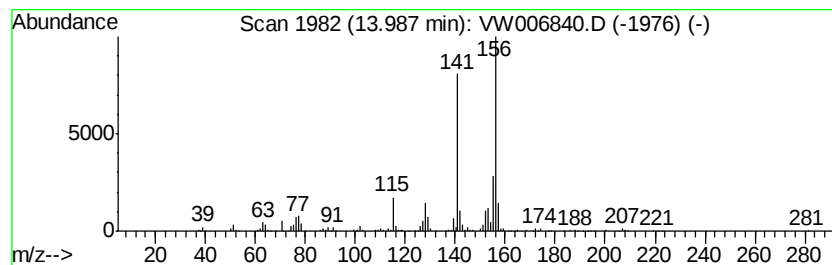
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-105(8-12)

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 5 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.99	24.00 ug/l	734332	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



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Misc : 5.15G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

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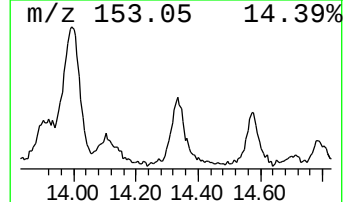
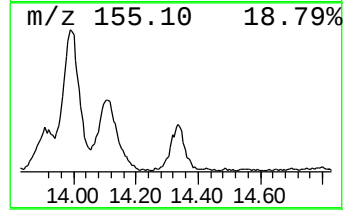
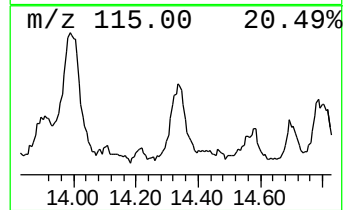
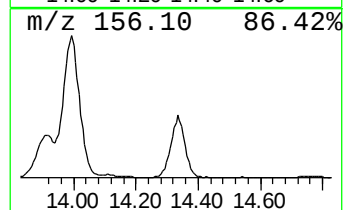
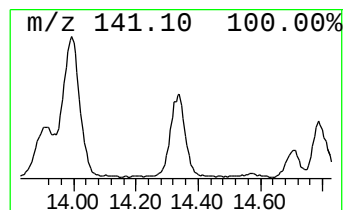
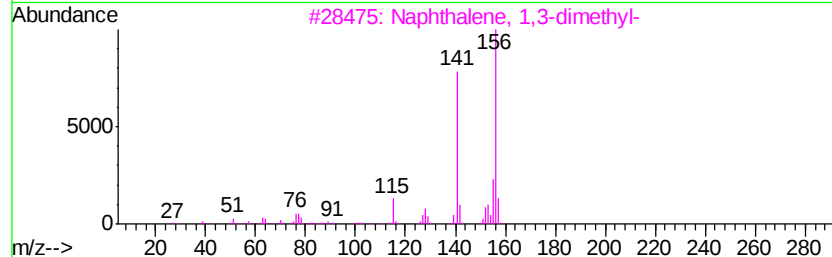
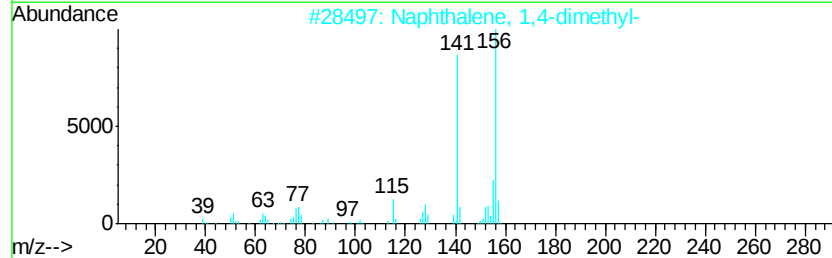
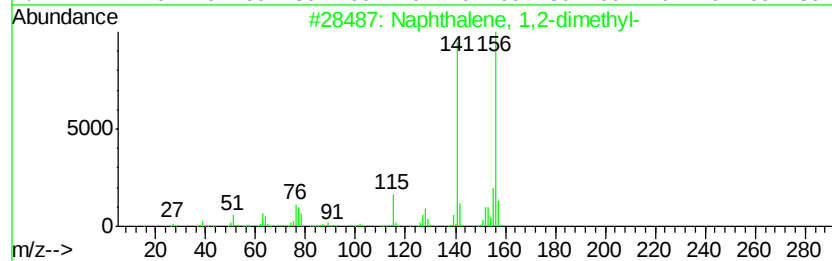
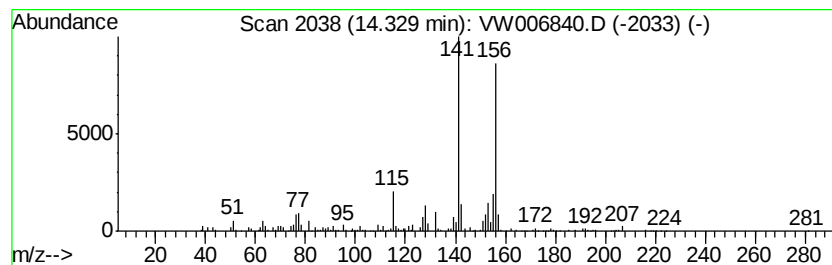
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	8.38 ug/l	256498	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
5			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
Data File : VW006840.D
Acq On : 13 Nov 2018 07:25
Operator : SY/AP
Sample : J5860-15
Misc : 5.15G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-105(8-12)

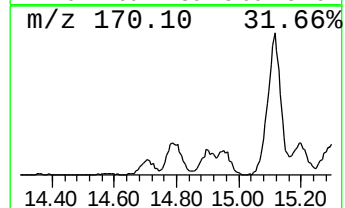
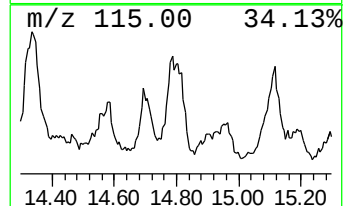
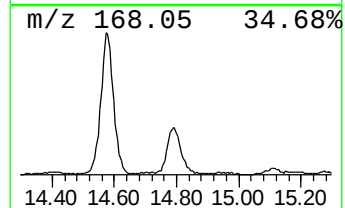
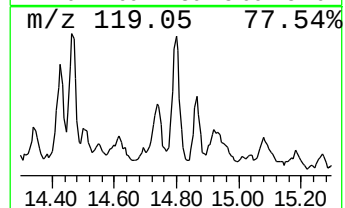
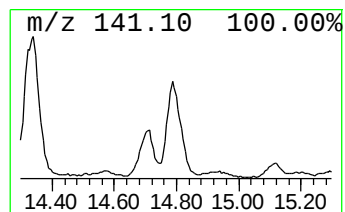
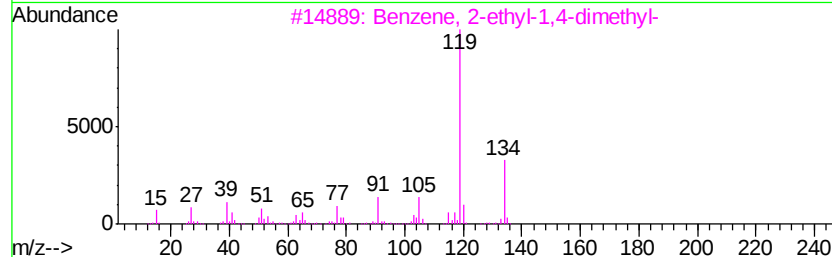
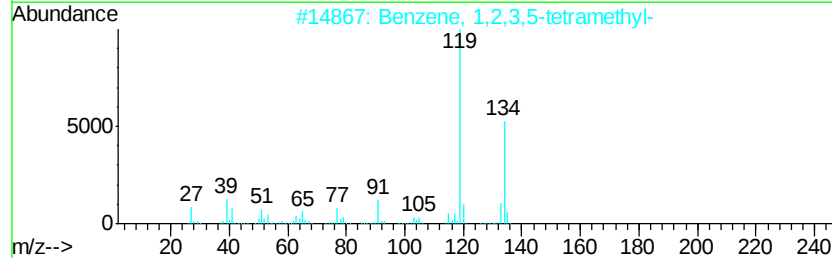
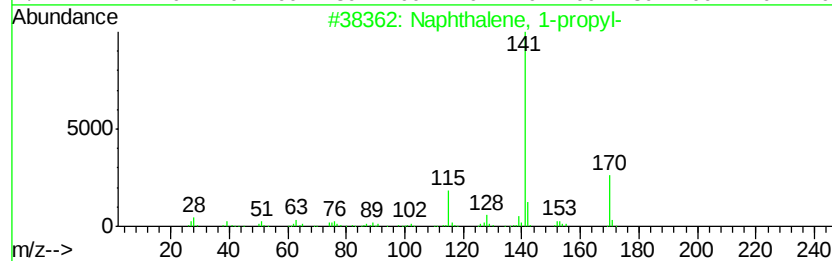
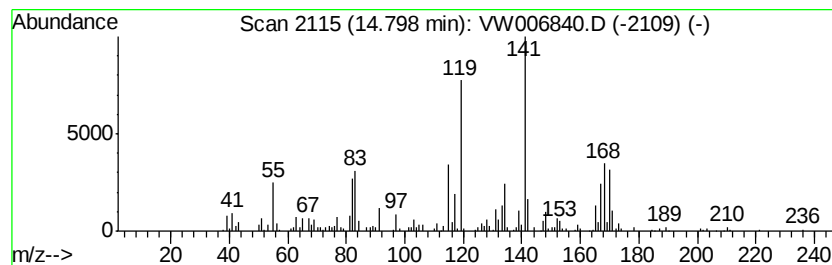
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Quant Title : SW846 8260

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

Peak Number 7 unknown14.80 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	5.89 ug/l	180282	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	38
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	22
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	22
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	22
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
Data File : VW006840.D
Acq On : 13 Nov 2018 07:25
Operator : SY/AP
Sample : J5860-15
Misc : 5.15G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

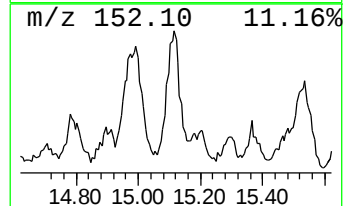
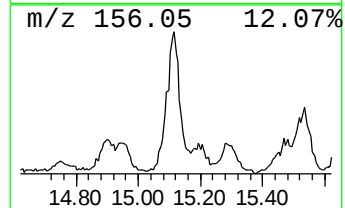
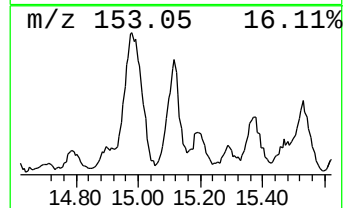
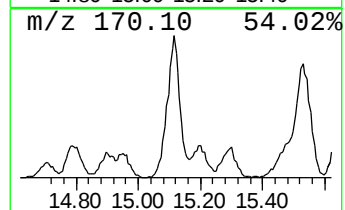
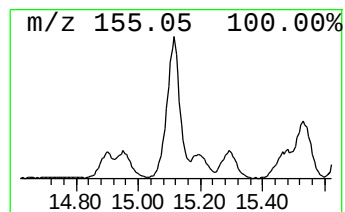
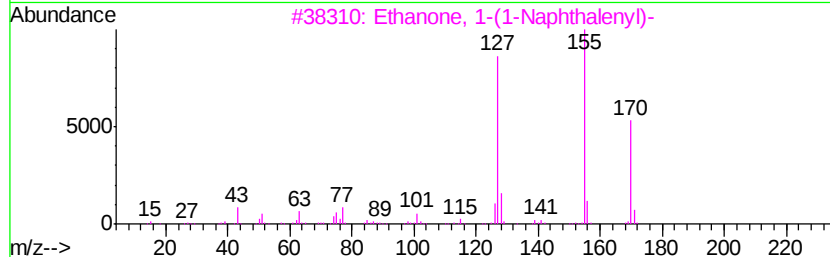
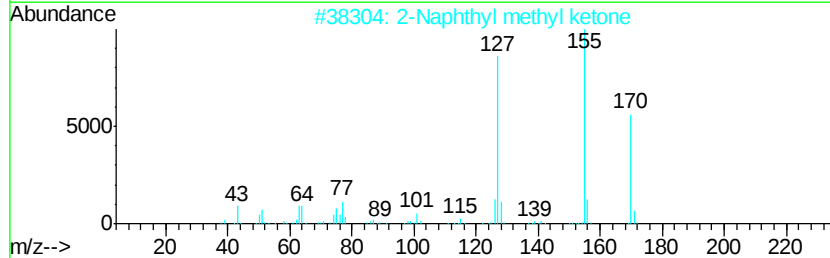
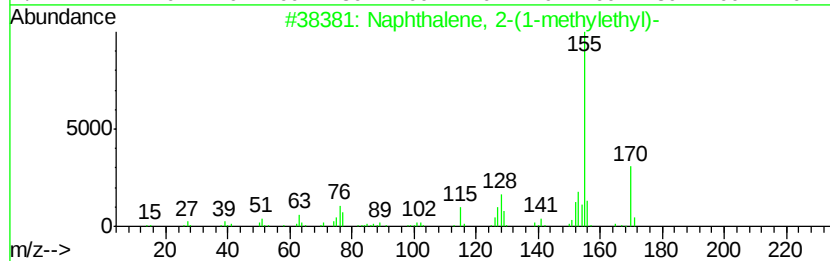
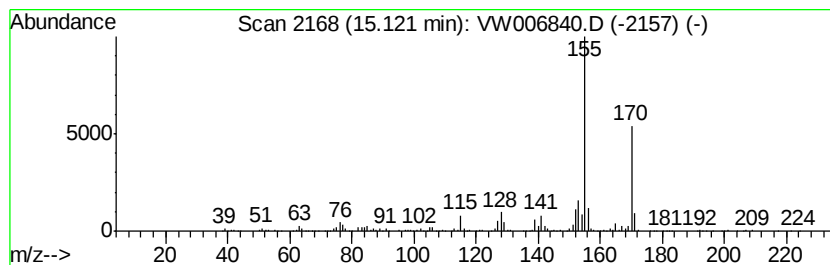
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-105(8-12)

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 Naphthalene, 2-(1-methyleth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	13.92 ug/l	426040	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 91
2		2-Naphthyl methyl ketone	170 C12H10O	000093-08-3 72
3		Ethanone, 1-(1-Naphthalenyl)-	170 C12H10O	000941-98-0 72
4		Ethanone, 1-(5-chloro-2-hydroxyp...	170 C8H7ClO2	001450-74-4 72
5		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
Data File : VW006840.D
Acq On : 13 Nov 2018 07:25
Operator : SY/AP
Sample : J5860-15
Misc : 5.15G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-105(8-12)

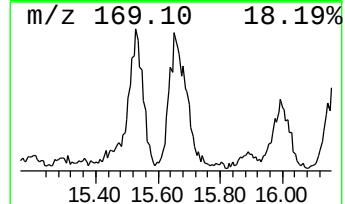
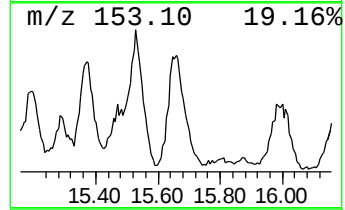
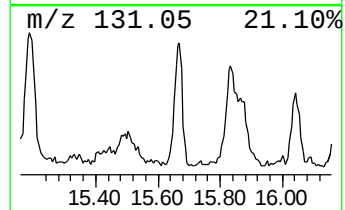
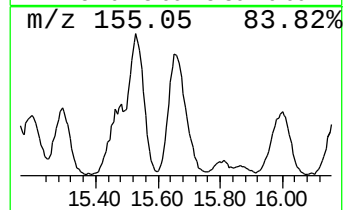
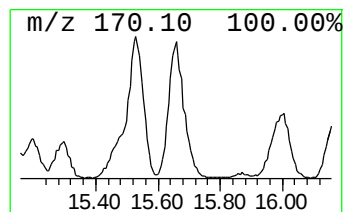
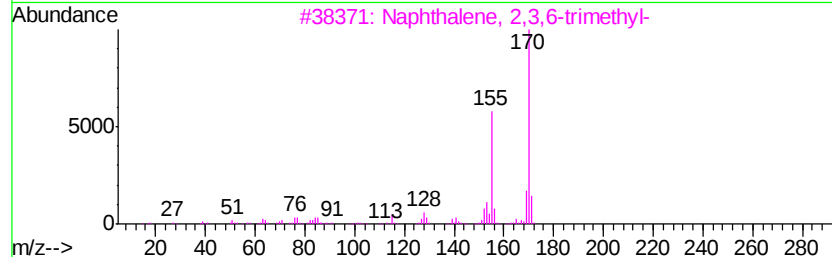
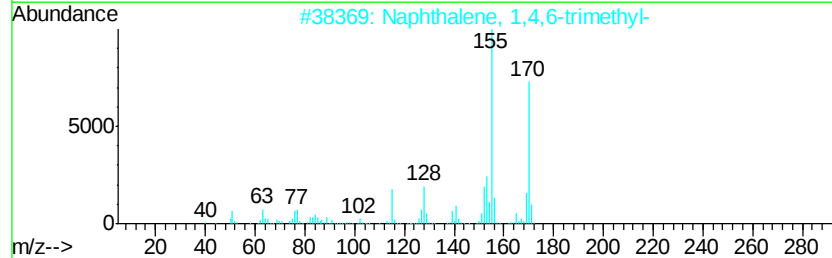
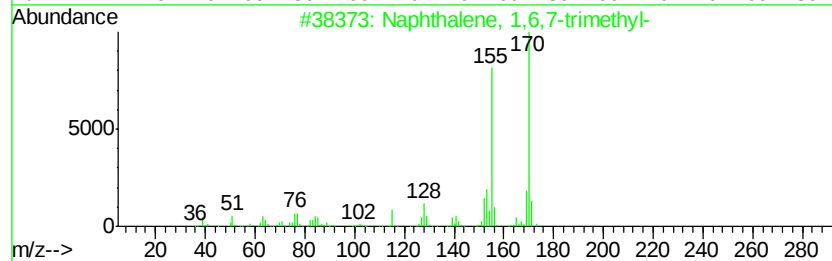
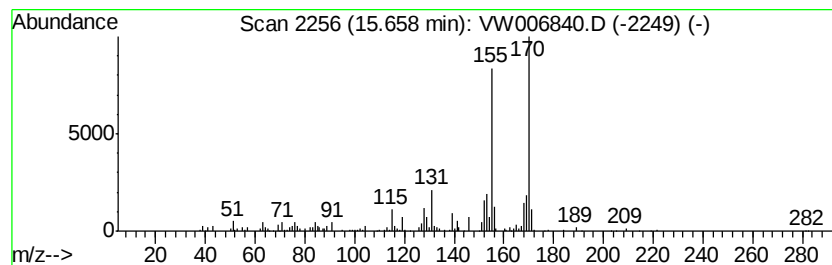
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	7.52 ug/l	229957	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
Data File : VW006840.D
Acq On : 13 Nov 2018 07:25
Operator : SY/AP
Sample : J5860-15
Misc : 5.15G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-105(8-12)

Quant Method : Z:\VOASRV\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-...	12.90	23.1	ug/l	707380	4	13.56	1529780	50.0
Naphthalene, 1,3-...	13.37	79.3	ug/l	2427060	4	13.56	1529780	50.0
Naphthalene, 2,6-...	13.49	44.5	ug/l	1360140	4	13.56	1529780	50.0
Decahydro-4,4,8,9...	13.79	18.1	ug/l	553051	4	13.56	1529780	50.0
Naphthalene, 2,3-...	13.99	24.0	ug/l	734332	4	13.56	1529780	50.0
Naphthalene, 1,2-...	14.33	8.4	ug/l	256498	4	13.56	1529780	50.0
unknown14.80	14.80	5.9	ug/l	180282	4	13.56	1529780	50.0
Naphthalene, 2-(1...	15.12	13.9	ug/l	426040	4	13.56	1529780	50.0
Naphthalene, 1,6,...	15.66	7.5	ug/l	229957	4	13.56	1529780	50.0