

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
 Data File : VW007091.D
 Acq On : 27 Nov 2018 16:45
 Operator : VAY/AP
 Sample : J5996-25
 Misc : 6.15G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC1-06-A

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\82W112118S.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	4.141	360	367	378	rBV3	1975	6306	1.26%	0.115%
2	4.922	485	495	510	rBV5	4566	16806	3.36%	0.306%
3	5.952	653	664	674	rBV3	7148	20640	4.13%	0.376%
4	7.147	846	860	873	rBV2	15743	46505	9.30%	0.848%
5	7.683	940	948	957	rBV5	1611	5256	1.05%	0.096%
6	7.891	972	982	986	rBV	60470	136840	27.36%	2.495%
7	7.952	986	992	1001	rVV2	141685	316950	63.38%	5.779%
8	8.031	1001	1005	1014	rVB3	2093	5248	1.05%	0.096%
9	8.311	1035	1051	1063	rBV2	63292	155737	31.14%	2.840%
10	8.482	1066	1079	1089	rBV	14171	34704	6.94%	0.633%
11	8.848	1130	1139	1151	rVB	193078	382074	76.41%	6.967%
12	9.762	1282	1289	1295	rBV2	5018	10177	2.04%	0.186%
13	9.890	1305	1310	1319	rVB2	7147	14394	2.88%	0.262%
14	10.329	1373	1382	1388	rBV	263072	474743	94.94%	8.657%
15	10.390	1388	1392	1401	rVB	10242	17753	3.55%	0.324%
16	10.707	1437	1444	1451	rBV	23191	60544	12.11%	1.104%
17	11.067	1494	1503	1509	rBV	16304	28383	5.68%	0.518%
18	11.445	1560	1565	1570	rBV	9623	15672	3.13%	0.286%
19	11.555	1573	1583	1589	rVV	6566	28983	5.80%	0.528%
20	11.634	1589	1596	1618	rVB	282314	500059	100.00%	9.118%
21	12.457	1719	1731	1732	rBV2	10905	28684	5.74%	0.523%
22	12.621	1751	1758	1766	rVB	219220	362445	72.48%	6.609%
23	12.938	1790	1810	1830	rBV7	48995	336646	67.32%	6.139%
24	13.365	1865	1880	1891	rBV4	58943	300219	60.04%	5.474%
25	13.493	1892	1901	1907	rVV3	42437	167043	33.40%	3.046%
26	13.560	1907	1912	1919	rVB	268836	443576	88.70%	8.088%
27	13.774	1943	1947	1948	rBV4	4432	6491	1.30%	0.118%
28	13.920	1961	1971	1973	rBV9	11125	33188	6.64%	0.605%
29	13.993	1975	1983	1992	rVV4	31643	122652	24.53%	2.236%
30	14.079	1993	1997	2011	rVB2	16496	49291	9.86%	0.899%
31	14.328	2031	2038	2046	rBV5	16269	52846	10.57%	0.964%
32	14.578	2070	2079	2089	rVB3	21219	66622	13.32%	1.215%
33	14.700	2092	2099	2103	rBV8	12449	30746	6.15%	0.561%
34	14.798	2108	2115	2122	rBV6	25744	73419	14.68%	1.339%

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Instrument :
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ClientSampleId :
AOC1-06-A

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	15.115	2156	2167	2175	rBV2	42669	142676	28.53%	2.602%
36	15.188	2176	2179	2188	rVB5	13887	28336	5.67%	0.517%
37	15.280	2190	2194	2195	rBV3	7277	9359	1.87%	0.171%
38	15.340	2201	2204	2208	rVB3	10186	13421	2.68%	0.245%
39	15.475	2221	2226	2228	rBV6	9341	16822	3.36%	0.307%
40	15.529	2228	2235	2248	rVB4	38876	138528	27.70%	2.526%
41	15.658	2248	2256	2266	rBV3	40914	143166	28.63%	2.611%
42	15.871	2288	2291	2298	rVB8	11857	20907	4.18%	0.381%
43	15.999	2301	2312	2323	rVB9	21148	105511	21.10%	1.924%
44	16.163	2331	2339	2347	rBV3	30046	94289	18.86%	1.719%
45	16.304	2357	2362	2366	rVB	10544	19148	3.83%	0.349%
46	16.389	2370	2376	2381	rVV8	14506	41127	8.22%	0.750%
47	16.456	2381	2387	2404	rVB	87151	237547	47.50%	4.332%
48	16.657	2413	2420	2433	rVB	44777	121692	24.34%	2.219%

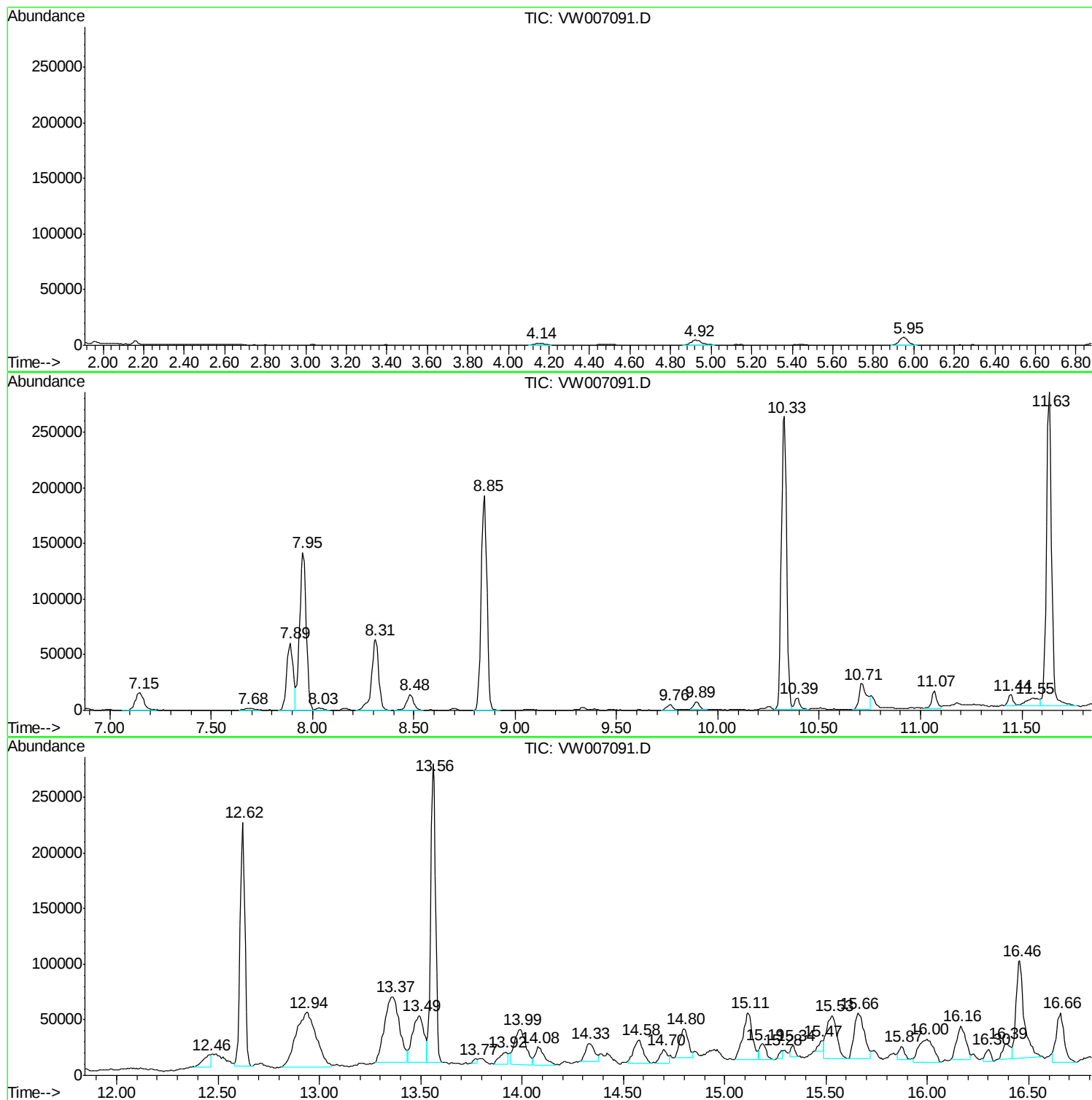
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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



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Misc : 6.15G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

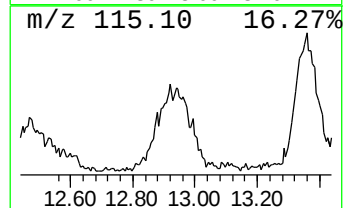
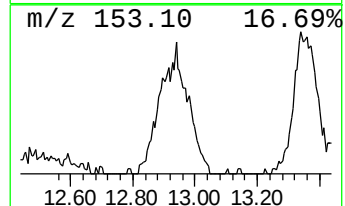
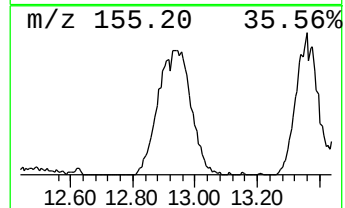
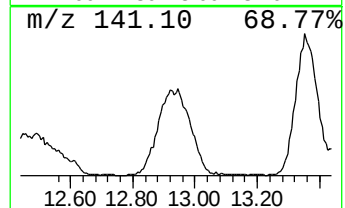
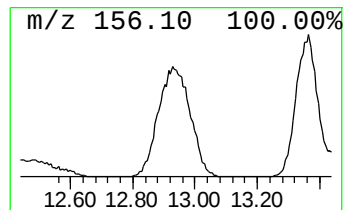
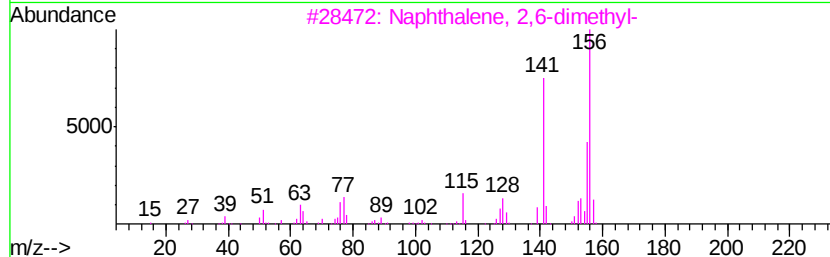
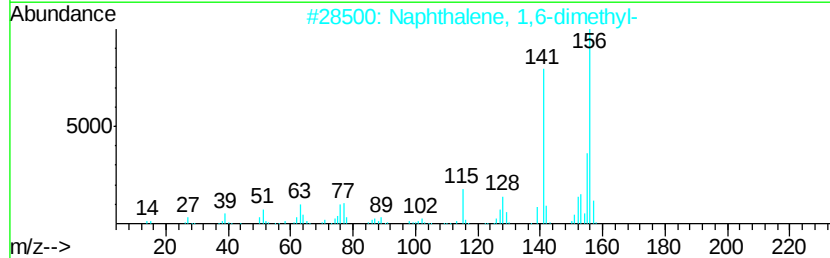
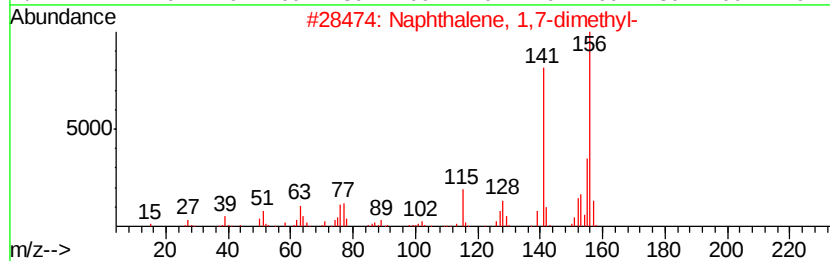
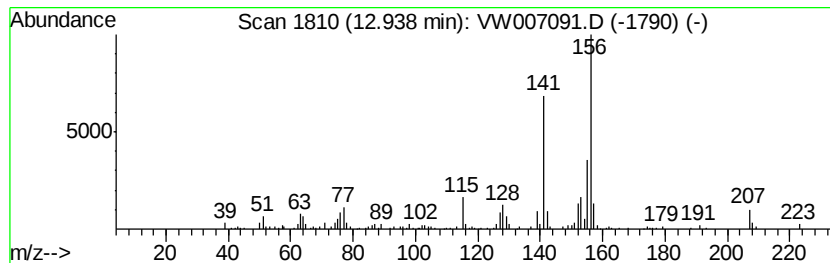
Instrument :
MSVOA_W
ClientSampled :
AOC1-06-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.94	37.95 ug/l	336646	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



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Misc : 6.15G/5ML/MSVOA_W/SOIL
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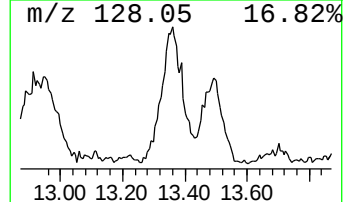
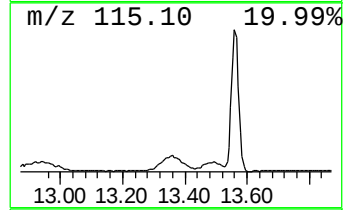
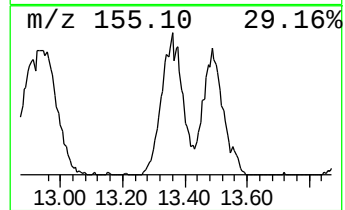
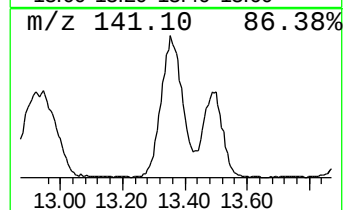
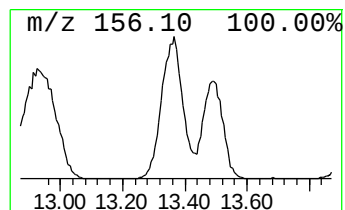
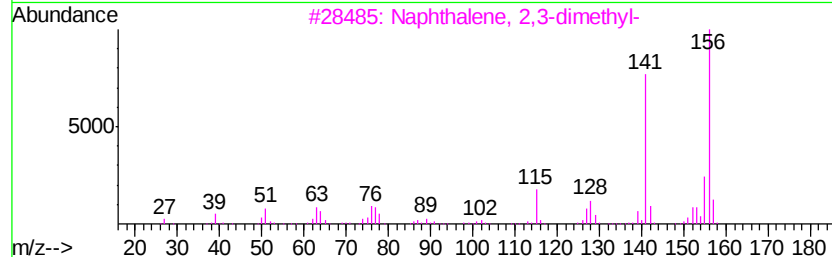
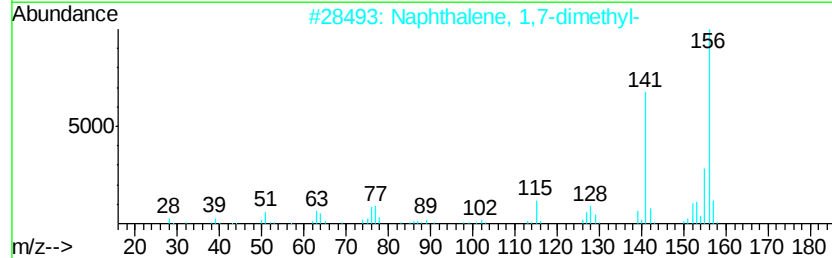
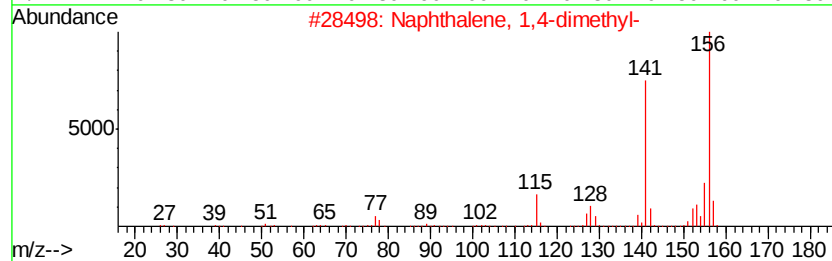
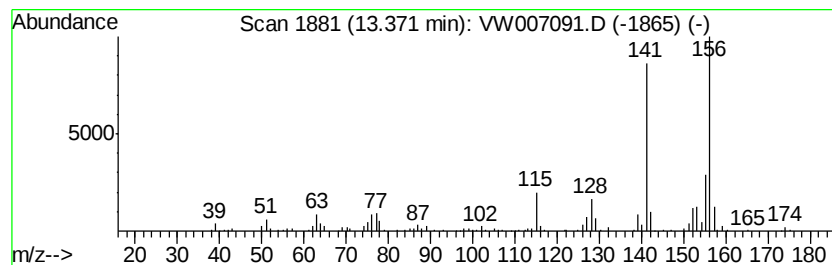
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	33.84 ug/l	300219	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 95
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 95



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Misc : 6.15G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

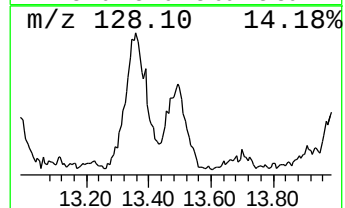
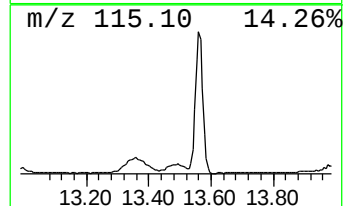
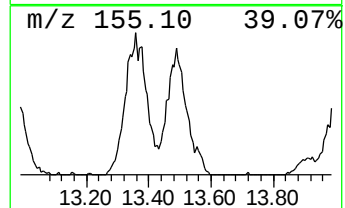
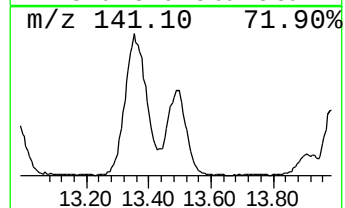
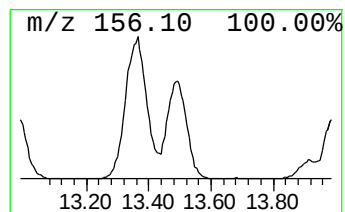
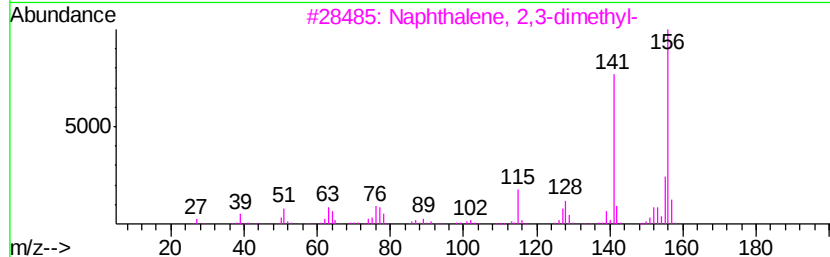
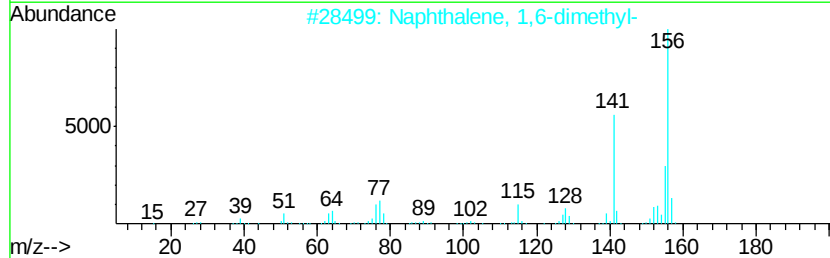
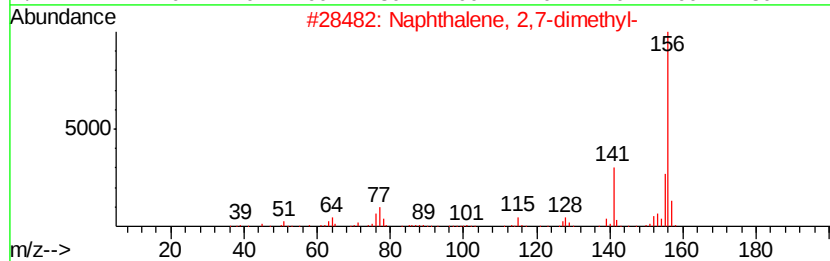
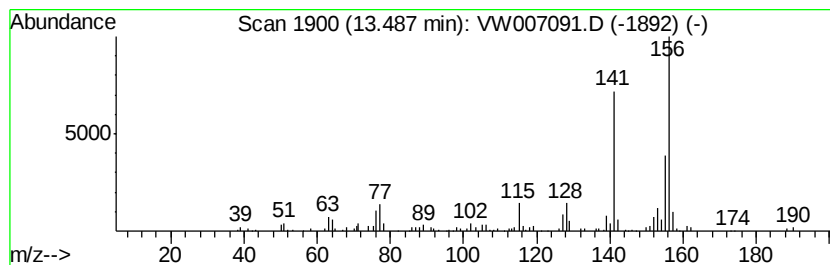
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	18.83 ug/l	167043	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, 1,6-dimethyl-	156 C12H12	000575-43-9 96
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 95
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 95
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 95



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ALS Vial : 11 Sample Multiplier: 1

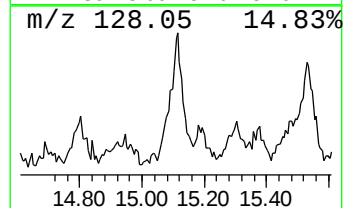
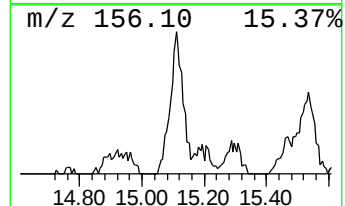
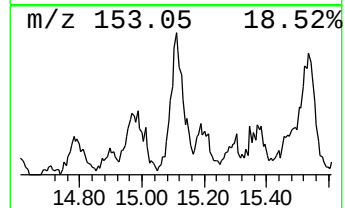
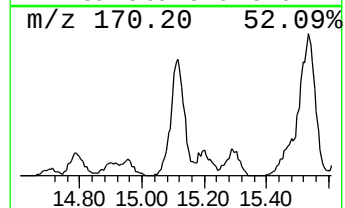
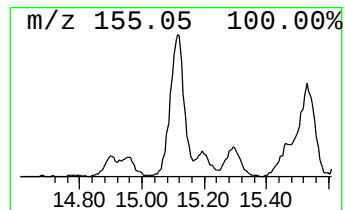
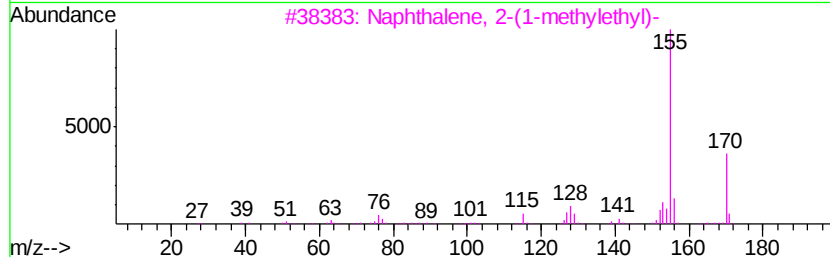
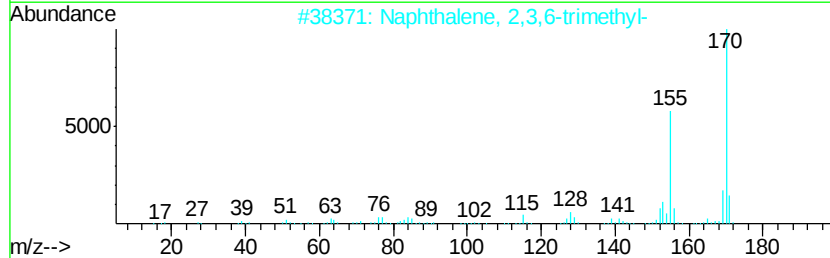
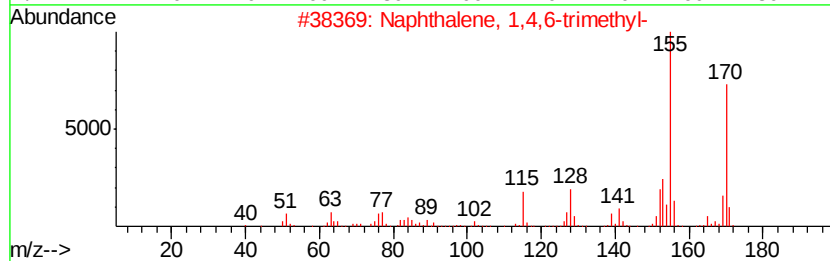
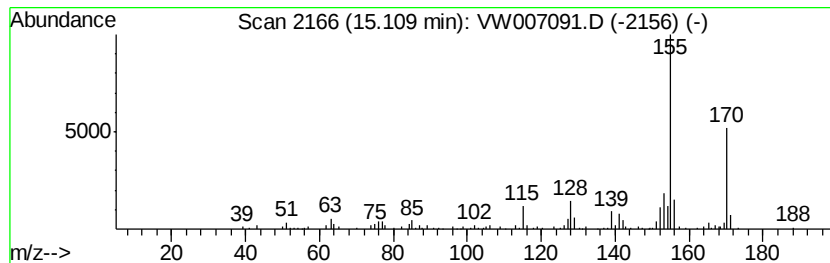
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.11	16.08 ug/l	142676	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID		MW MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-		170 C13H14	002131-42-2	95
2	Naphthalene, 2,3,6-trimethyl-		170 C13H14	000829-26-5	95
3	Naphthalene, 2-(1-methylethyl)-		170 C13H14	002027-17-0	94
4	3-(2-Methyl-propenyl)-1H-indene		170 C13H14	1000187-78-5	94
5	Naphthalene, 1,4,5-trimethyl-		170 C13H14	002131-41-1	86



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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AOC1-06-A

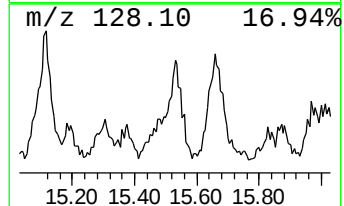
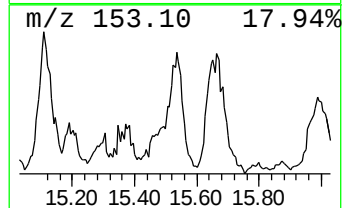
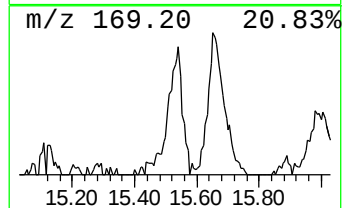
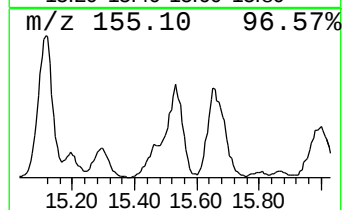
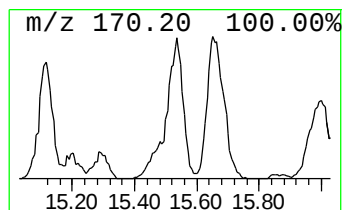
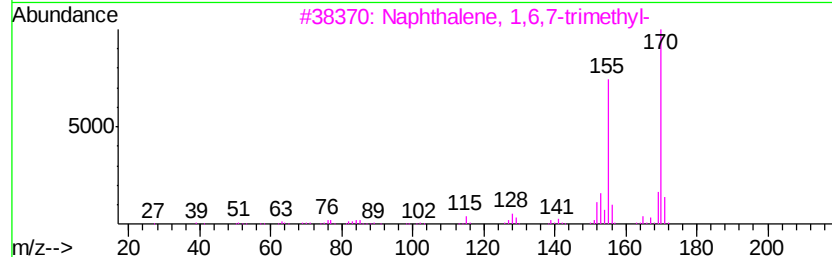
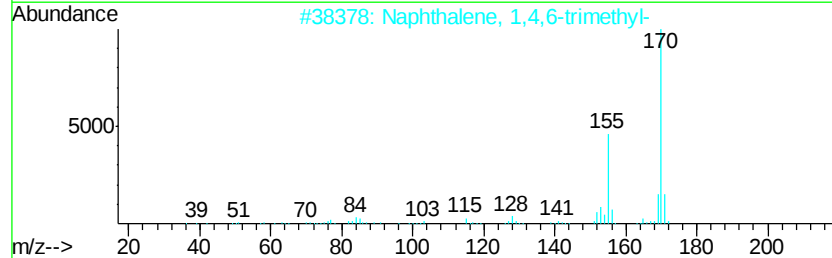
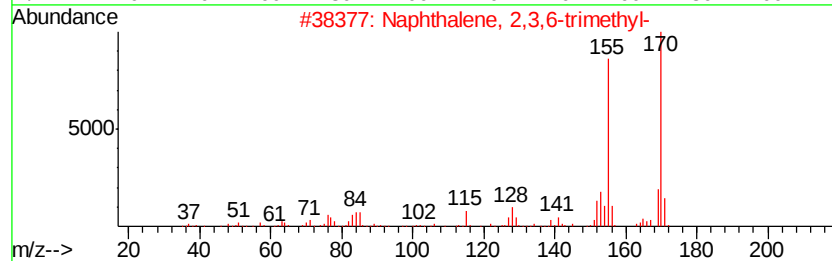
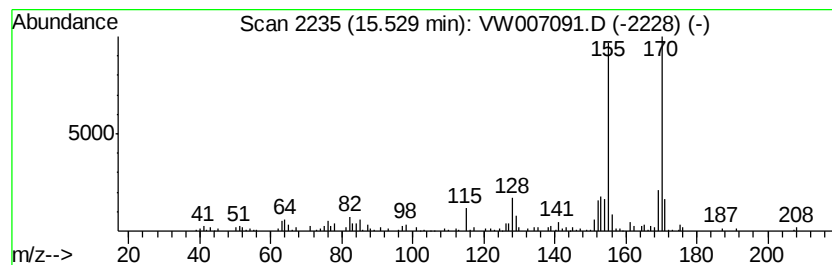
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	15.61 ug/l	138528	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
5		1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
Data File : VW007091.D
Acq On : 27 Nov 2018 16:45
Operator : VAY/AP
Sample : J5996-25
Misc : 6.15G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AOC1-06-A

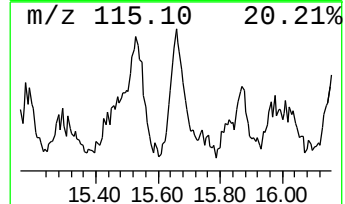
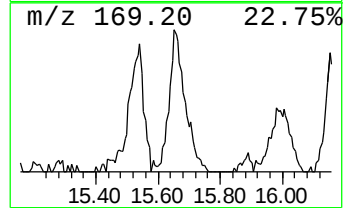
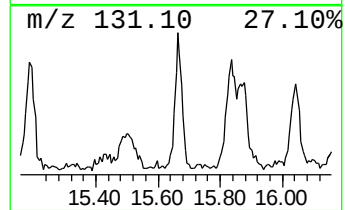
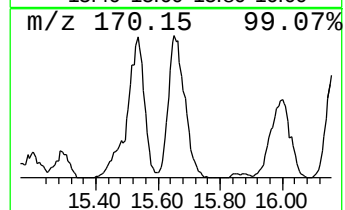
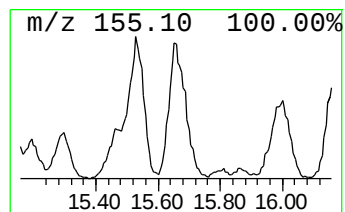
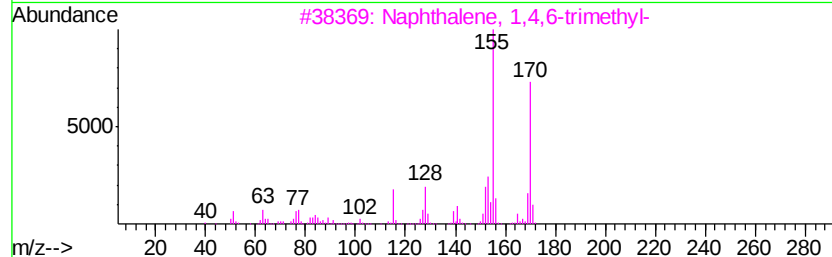
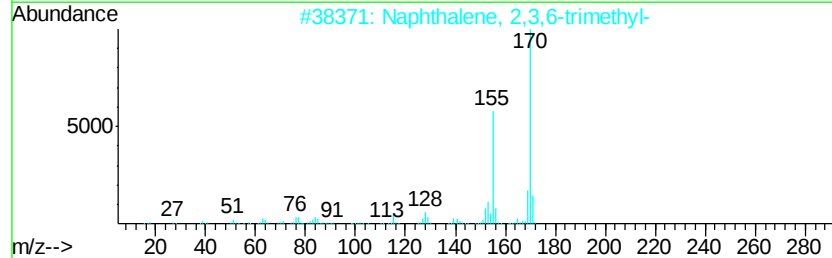
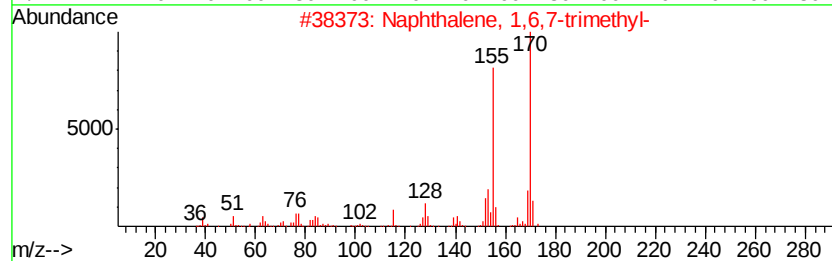
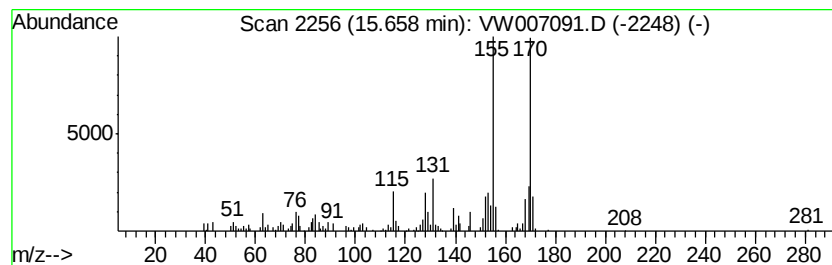
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	16.14 ug/l	143166	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	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
Data File : VW007091.D
Acq On : 27 Nov 2018 16:45
Operator : VAY/AP
Sample : J5996-25
Misc : 6.15G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AOC1-06-A

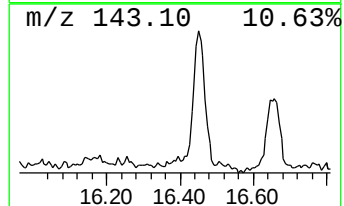
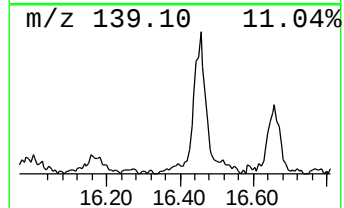
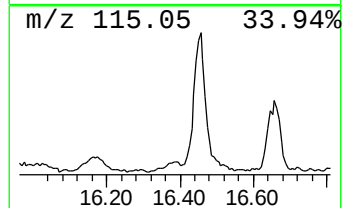
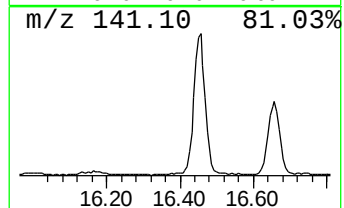
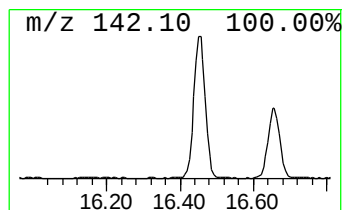
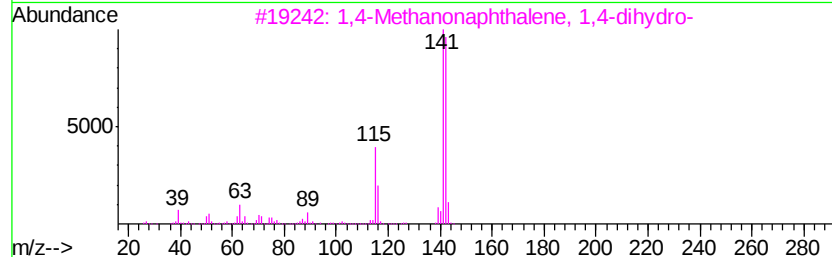
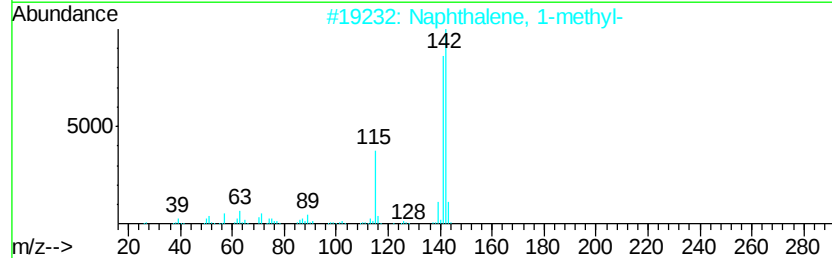
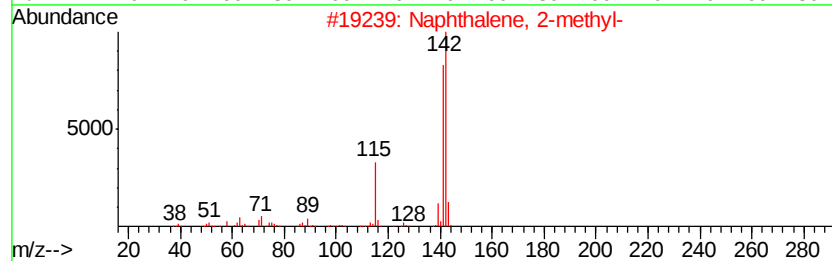
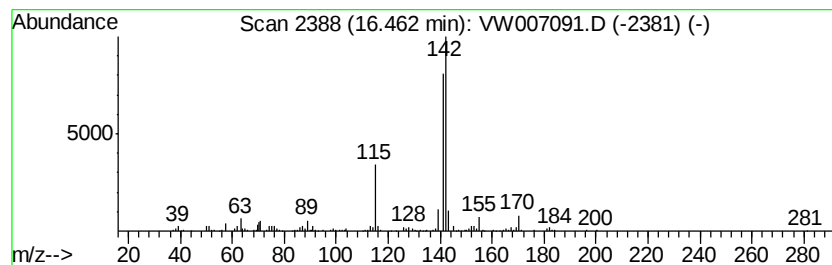
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	26.78 ug/l	237547	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
4		Benzocycloheptatriene	142	C11H10	000264-09-5	90
5		1-Naphthaleneacetamide	185	C12H11NO	000086-86-2	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
Data File : VW007091.D
Acq On : 27 Nov 2018 16:45
Operator : VAY/AP
Sample : J5996-25
Misc : 6.15G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AOC1-06-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.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, 1,7-...	12.94	38.0	ug/l	336646	4	13.56	443576	50.0
Naphthalene, 1,4-...	13.37	33.8	ug/l	300219	4	13.56	443576	50.0
Naphthalene, 2,7-...	13.49	18.8	ug/l	167043	4	13.56	443576	50.0
Naphthalene, 1,4,...	15.11	16.1	ug/l	142676	4	13.56	443576	50.0
Naphthalene, 2,3,...	15.53	15.6	ug/l	138528	4	13.56	443576	50.0
Naphthalene, 1,6,...	15.66	16.1	ug/l	143166	4	13.56	443576	50.0
Naphthalene, 1-me...	16.46	26.8	ug/l	237547	4	13.56	443576	50.0