

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012281.D
 Acq On : 29 Aug 2019 04:37
 Operator : SY/VA
 Sample : K4498-04
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BOTTOM-3

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\82W082319S.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	4.129	354	365	376	rBV	12921	39088	1.68%	0.241%
2	4.909	480	493	508	rBV3	17087	62629	2.69%	0.387%
3	7.878	971	980	985	rBV2	176829	425210	18.24%	2.627%
4	7.945	985	991	1001	rVB	359288	795441	34.12%	4.914%
5	8.305	1040	1050	1060	rBV	193967	444243	19.06%	2.744%
6	8.842	1129	1138	1149	rBV	549656	1100908	47.22%	6.801%
7	9.329	1214	1218	1223	rVB2	15386	28889	1.24%	0.178%
8	10.323	1374	1381	1391	rBV	872050	1556823	66.78%	9.618%
9	11.628	1589	1595	1602	rVB	739942	1249858	53.61%	7.721%
10	12.615	1751	1757	1776	rVB	659960	1496422	64.19%	9.245%
11	12.878	1786	1800	1803	rBV2	285371	1080587	46.35%	6.676%
12	13.310	1859	1871	1884	rBV4	474221	2331266	100.00%	14.402%
13	13.554	1906	1911	1920	rVB	617623	1074845	46.11%	6.640%
14	13.877	1959	1964	1968	rBV6	91593	196836	8.44%	1.216%
15	14.207	2015	2018	2022	rVB2	56792	79521	3.41%	0.491%
16	14.798	2110	2115	2120	rBV3	117705	254448	10.91%	1.572%
17	15.066	2150	2159	2171	rBV3	235825	867406	37.21%	5.359%
18	15.170	2172	2176	2183	rVB3	124777	282839	12.13%	1.747%
19	15.328	2198	2202	2210	rVB4	93671	173897	7.46%	1.074%
20	15.487	2222	2228	2242	rVB7	162113	679590	29.15%	4.198%
21	15.627	2245	2251	2253	rBV	97808	207132	8.88%	1.280%
22	15.822	2279	2283	2287	rBV3	56553	105714	4.53%	0.653%
23	15.950	2300	2304	2310	rVB5	83300	162425	6.97%	1.003%
24	16.285	2355	2359	2364	rBV2	44165	75855	3.25%	0.469%
25	16.377	2365	2374	2378	rVV6	85296	270030	11.58%	1.668%
26	16.438	2379	2384	2399	rVB3	213207	620702	26.63%	3.835%
27	16.645	2410	2418	2430	rVB	194174	524301	22.49%	3.239%

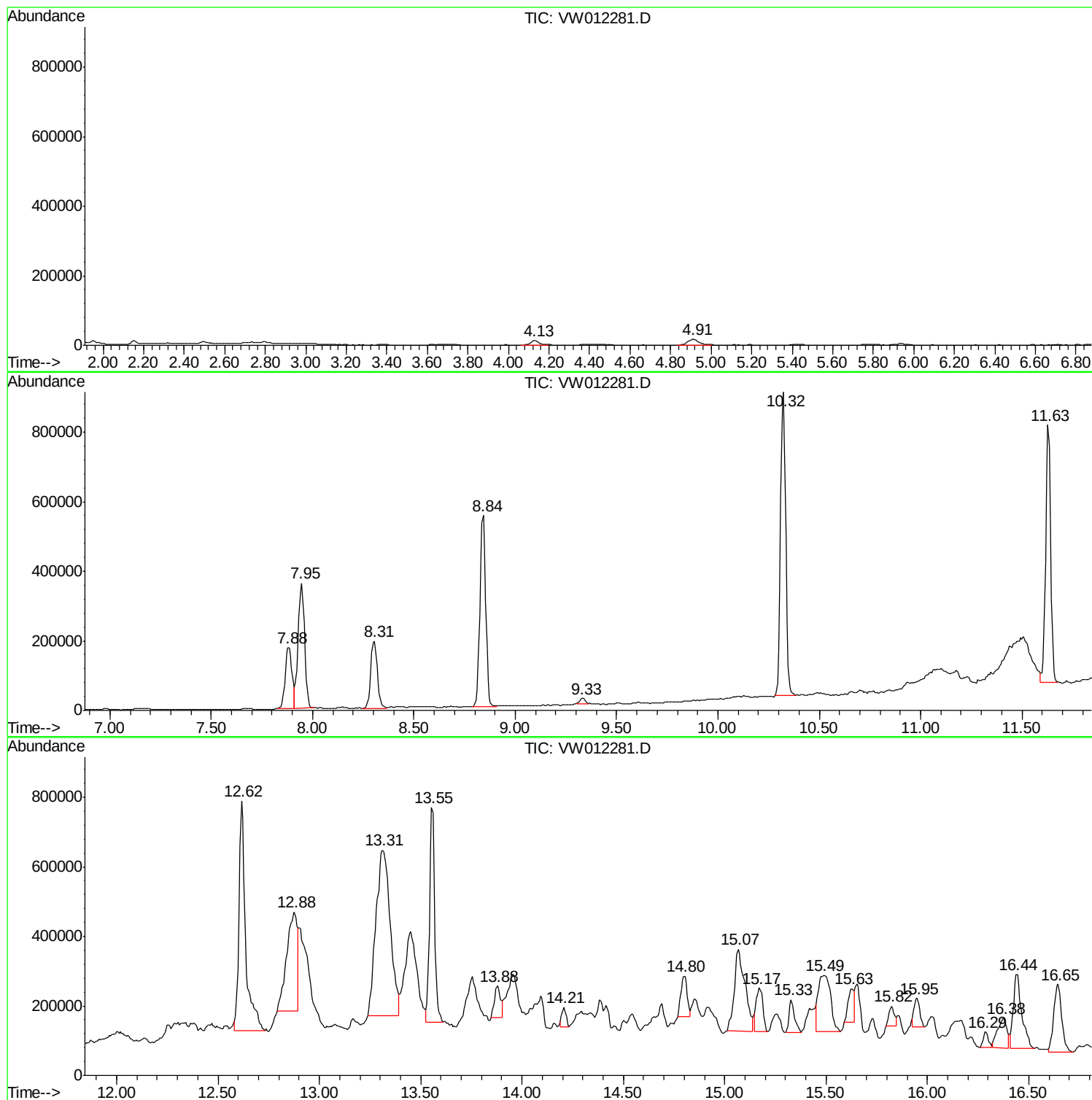
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ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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



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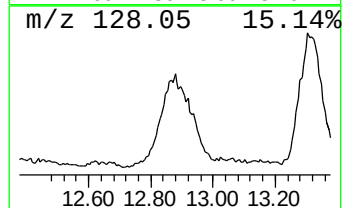
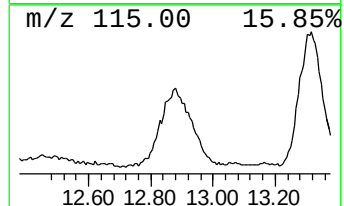
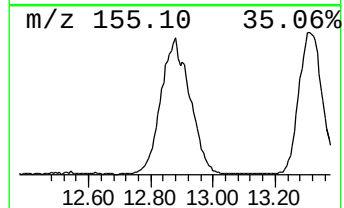
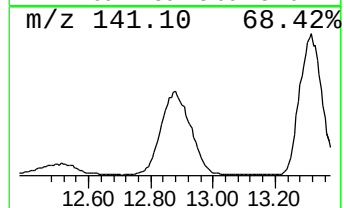
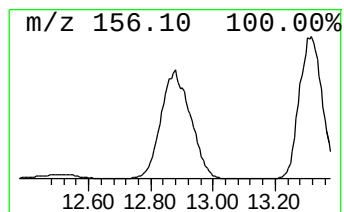
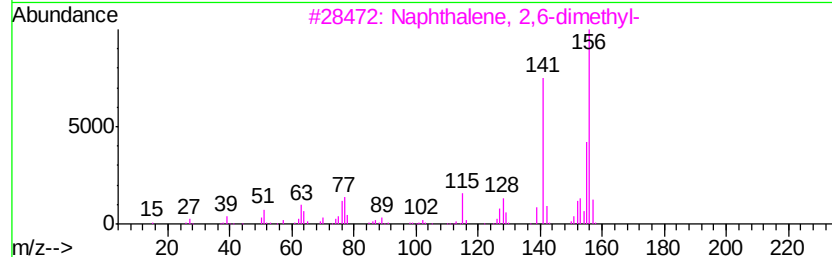
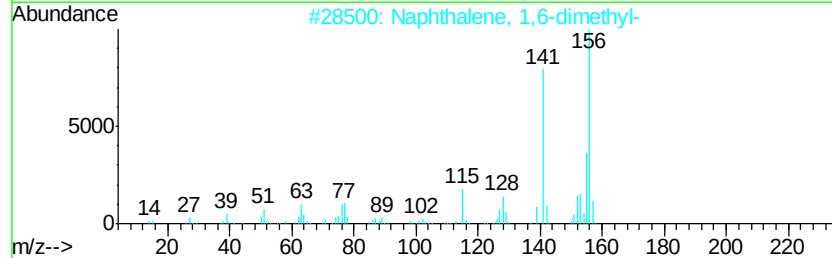
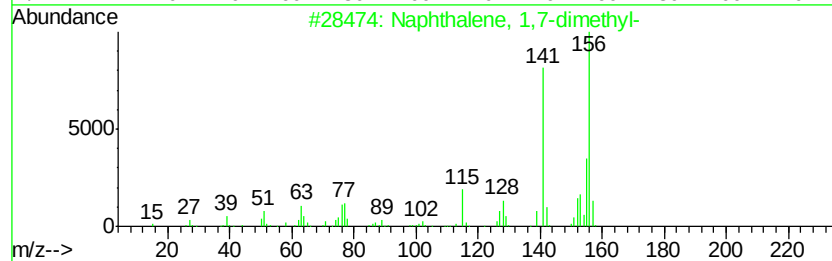
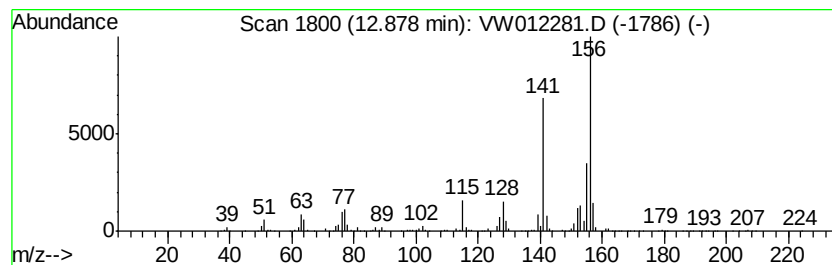
Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	50.27 ug/l	1080590	1,4-Dichlorobenzene-d4	13.55
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, 1,4-dimethyl-	156 C12H12	000571-58-4 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97



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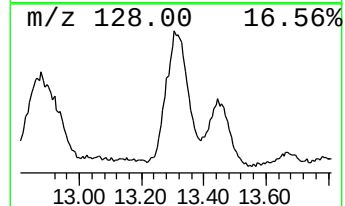
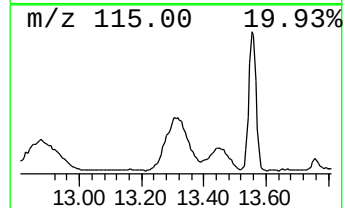
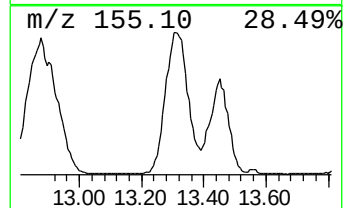
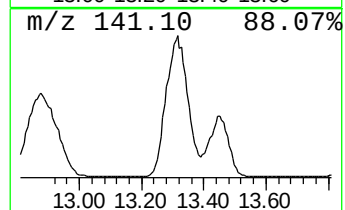
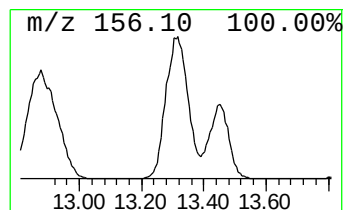
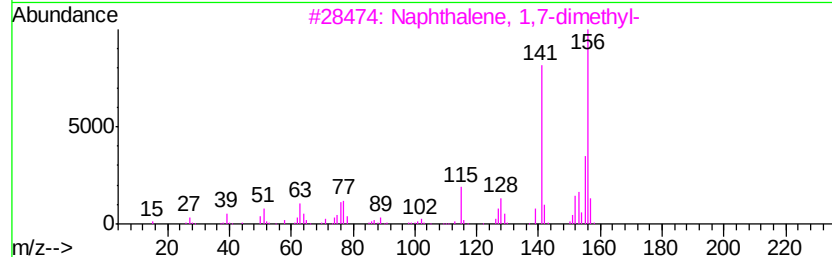
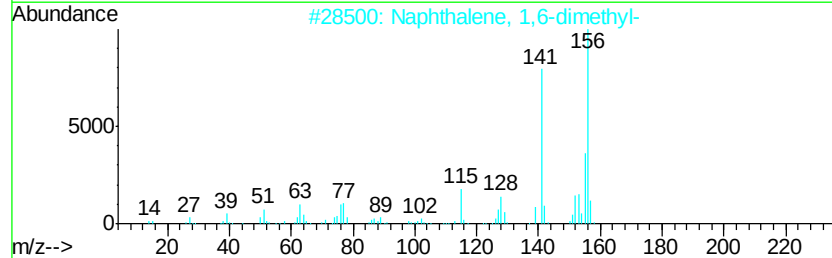
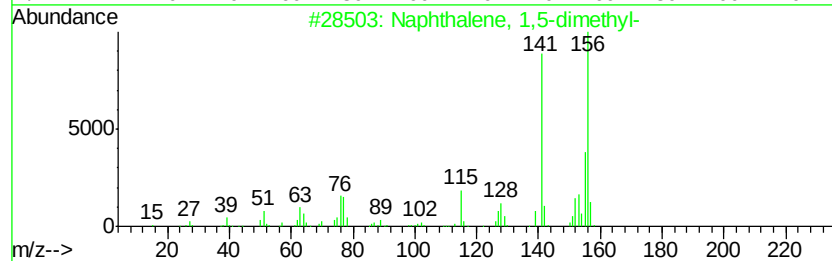
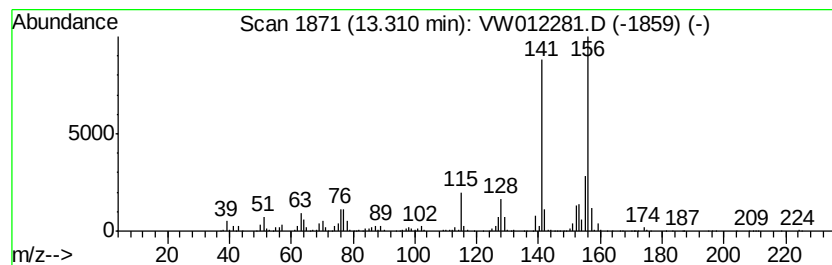
Instrument :
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ClientSampleId :
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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	108.45 ug/l	2331270	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97



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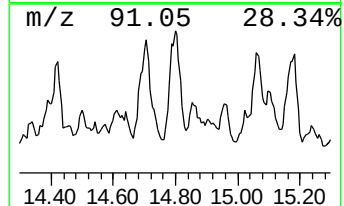
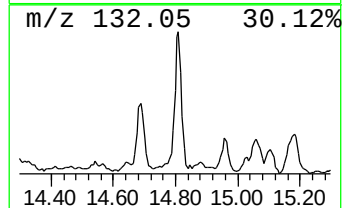
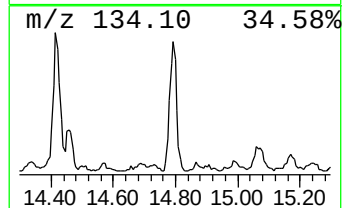
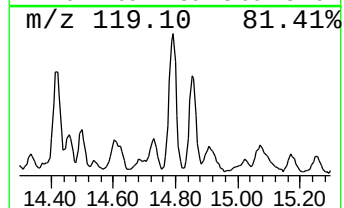
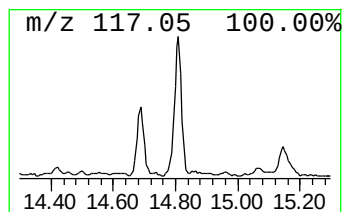
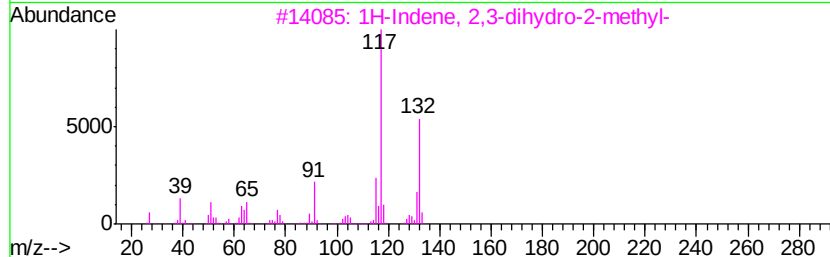
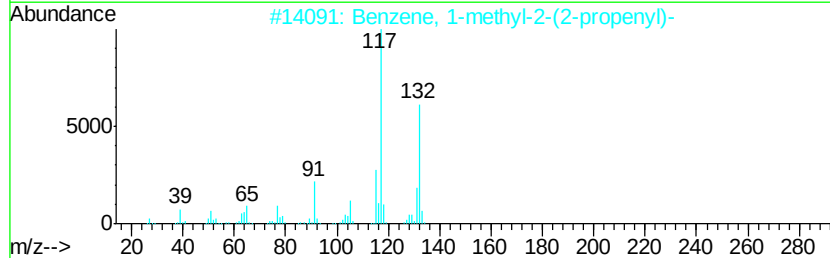
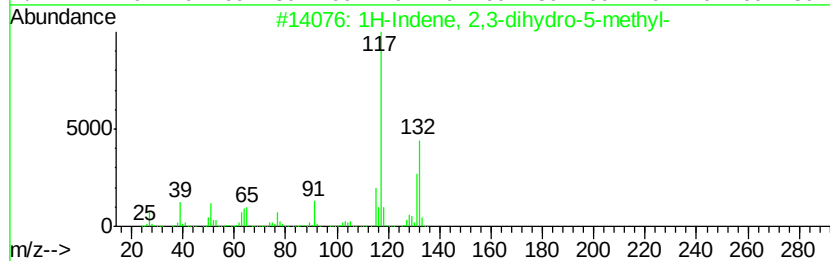
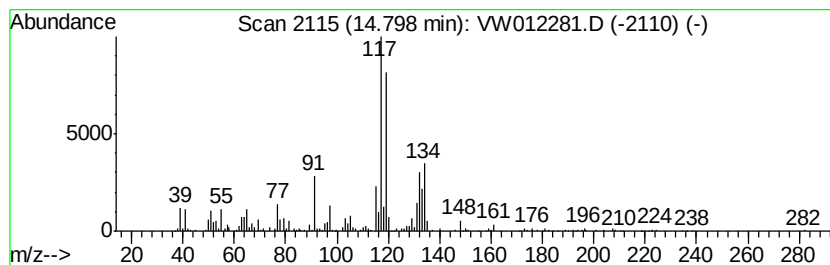
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	11.84 ug/l	254448	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55	
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55	
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	49	
4	Indan, 1-methyl-	132	C10H12	000767-58-8	49	
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	45	



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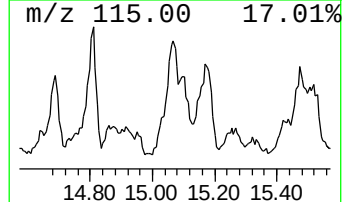
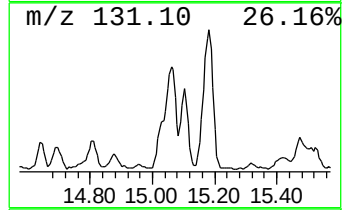
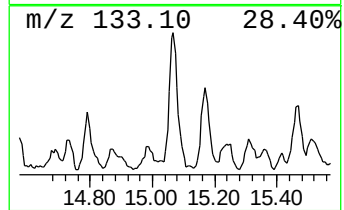
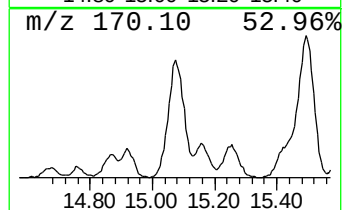
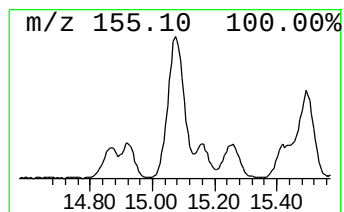
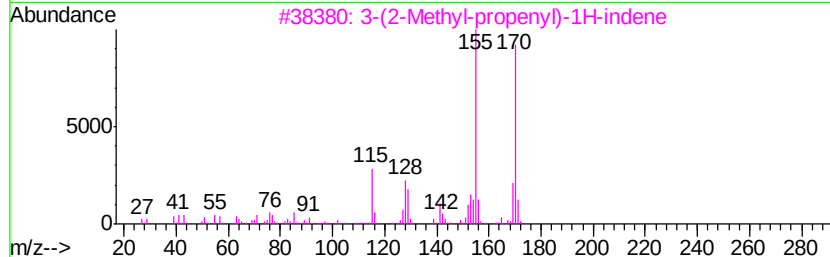
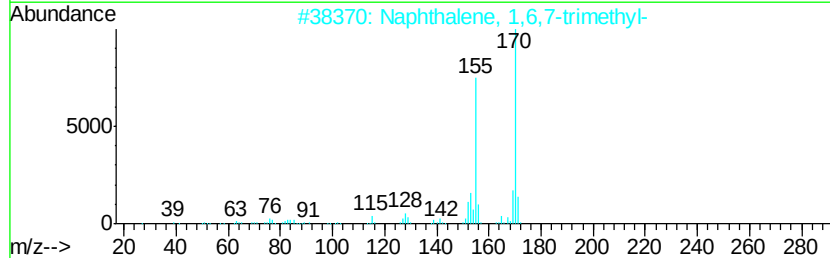
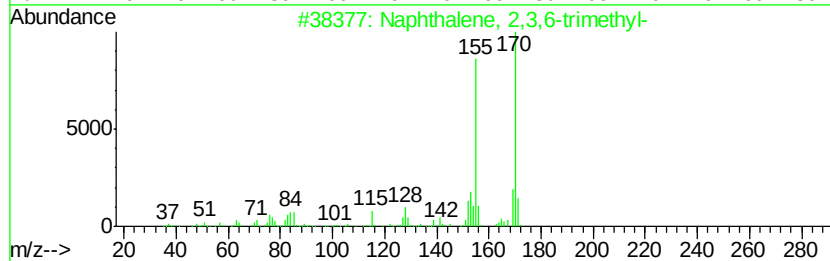
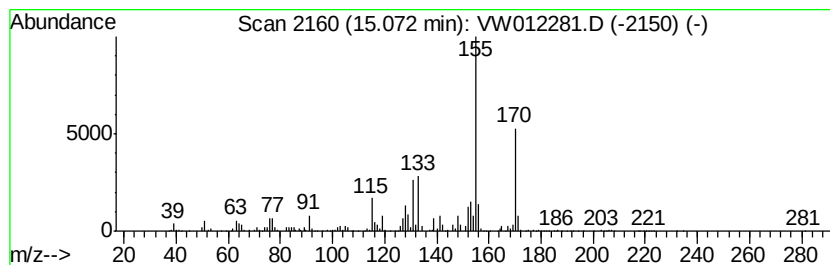
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	40.35 ug/l	867406	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78



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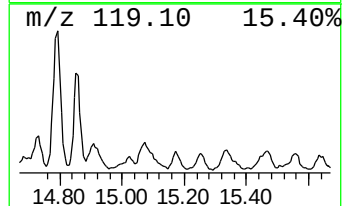
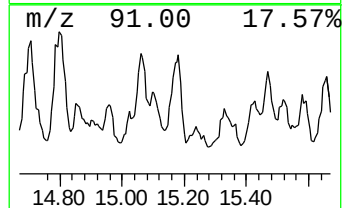
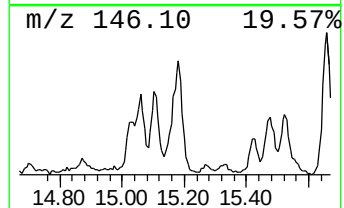
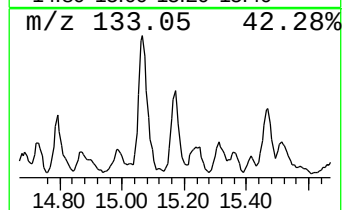
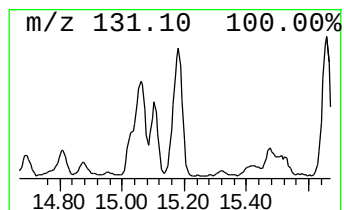
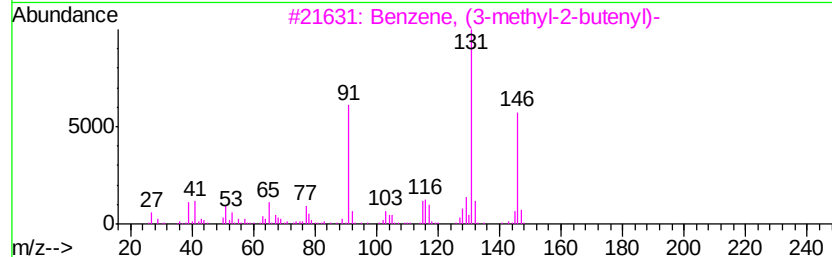
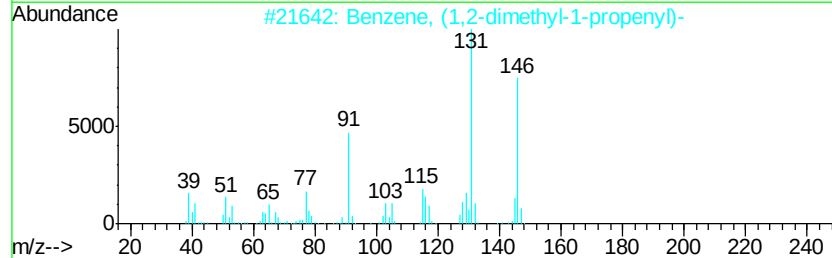
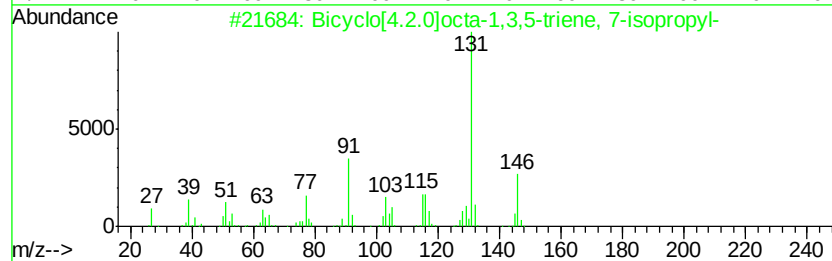
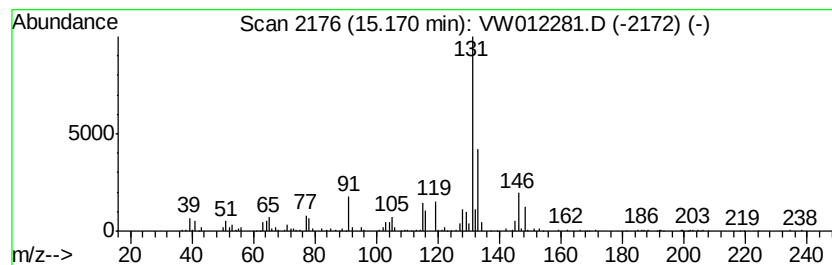
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Quant Title : SW846 8260

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

Peak Number 5 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	13.16 ug/l	282839	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	93
2		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70



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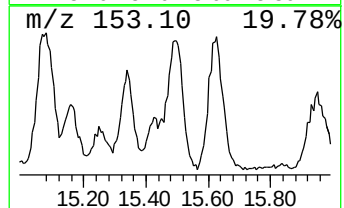
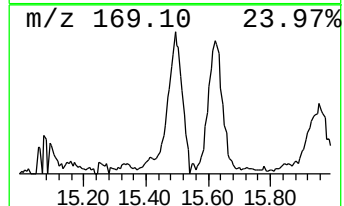
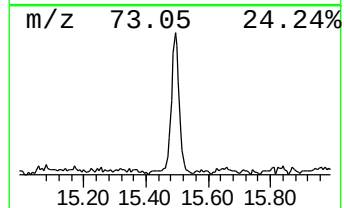
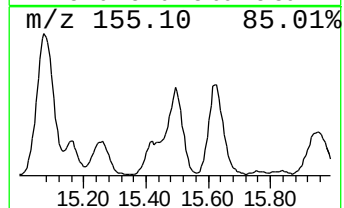
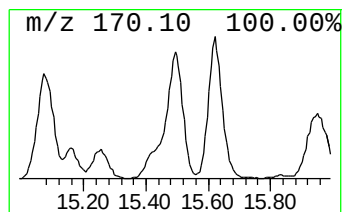
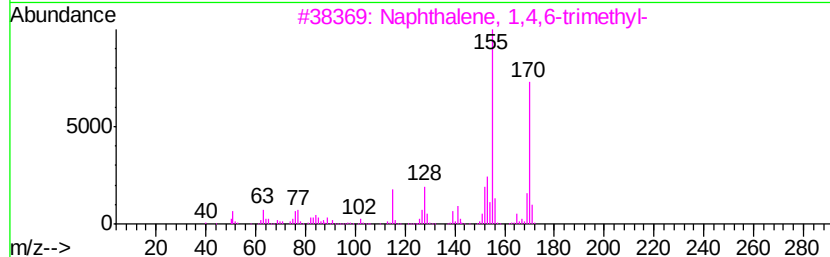
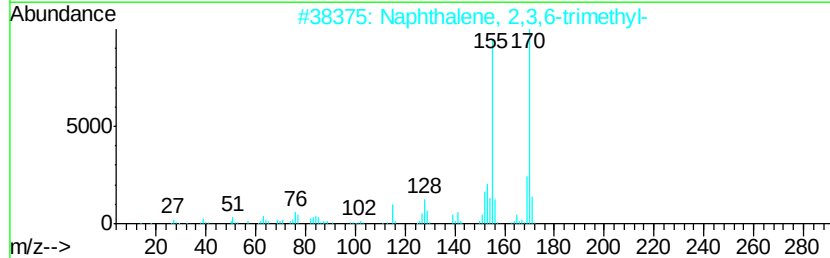
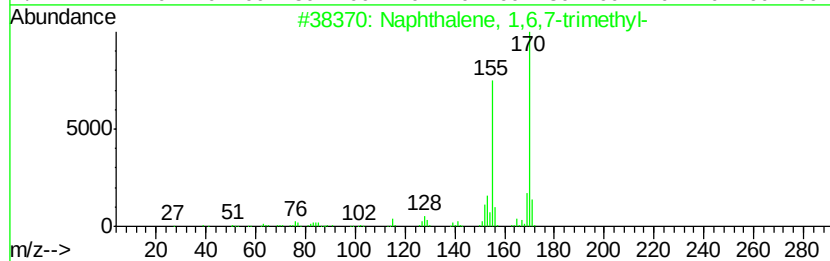
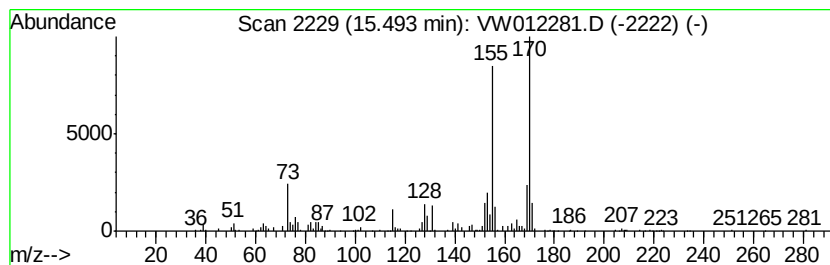
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	31.61 ug/l	679590	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	81
4		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	81
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082819\
Data File : VW012281.D
Acq On : 29 Aug 2019 04:37
Operator : SY/VA
Sample : K4498-04
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

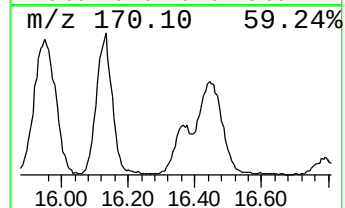
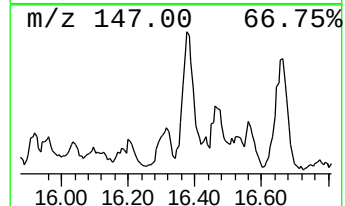
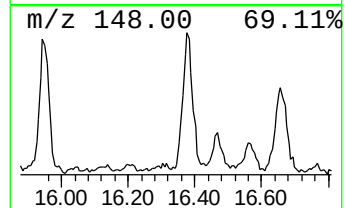
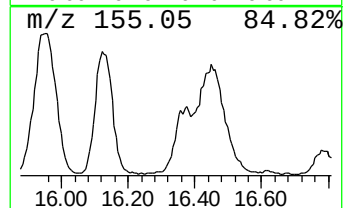
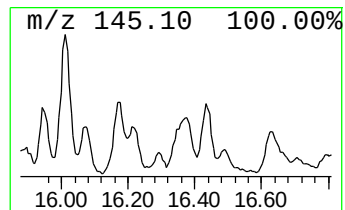
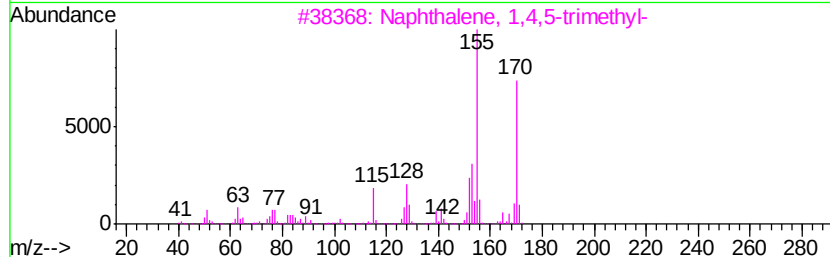
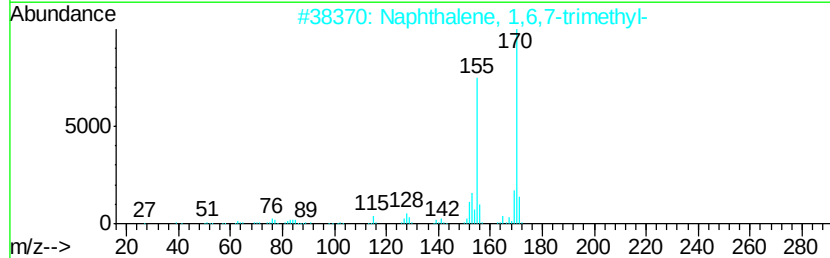
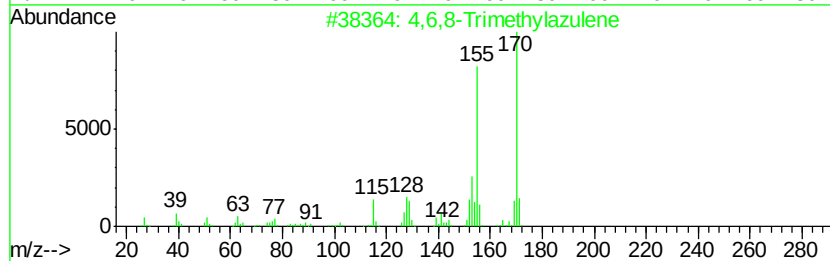
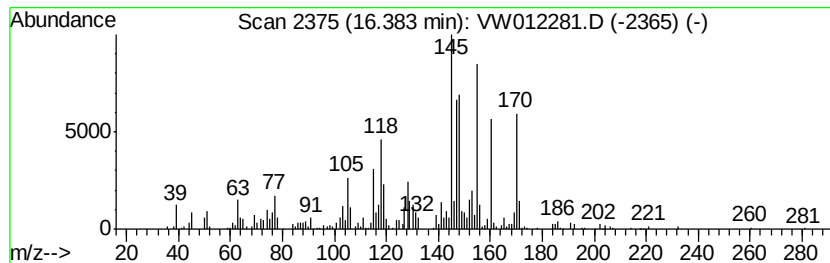
Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 8 4,6,8-Trimethylazulene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	12.56 ug/l	270030	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4,6,8-Trimethylazulene	170 C13H14	000941-81-1	93
2	Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7	86
3	Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1	83
4	Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	004175-54-6	55
5	3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082819\
Data File : VW012281.D
Acq On : 29 Aug 2019 04:37
Operator : SY/VA
Sample : K4498-04
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

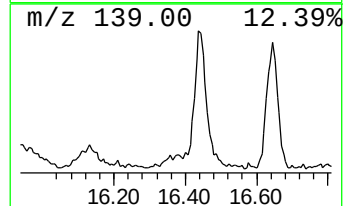
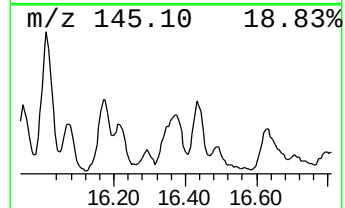
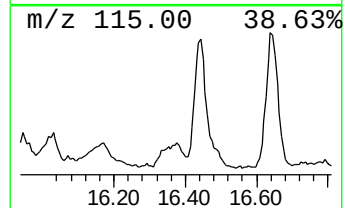
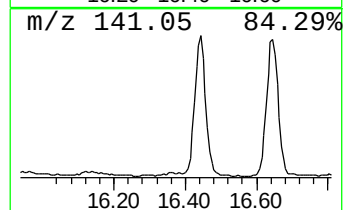
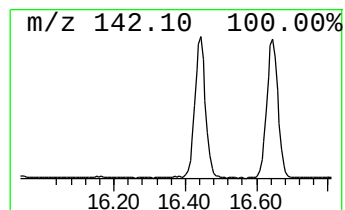
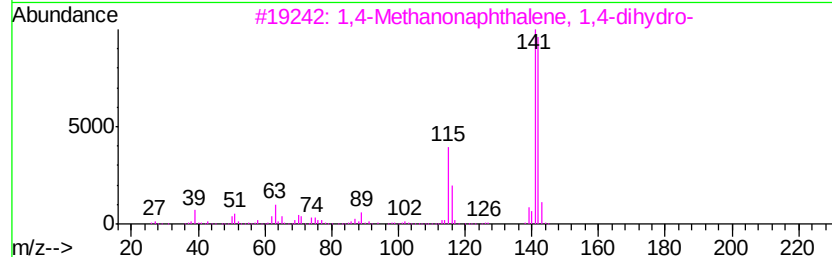
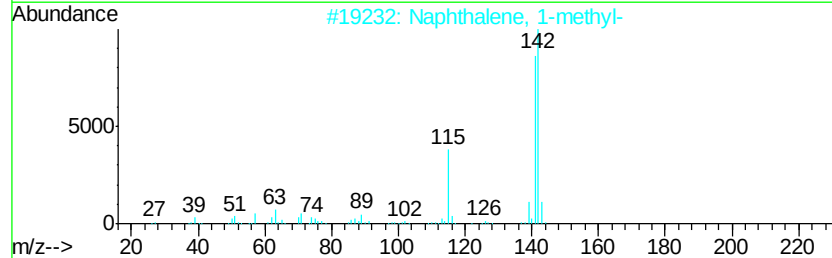
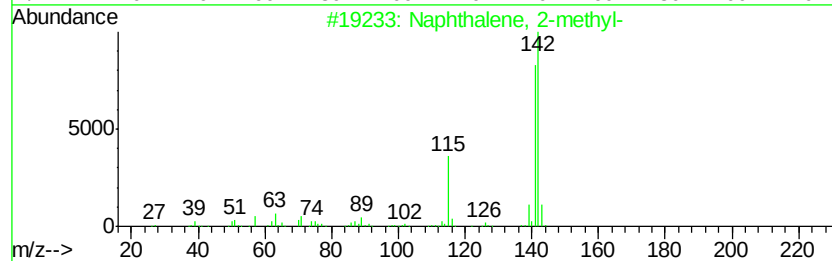
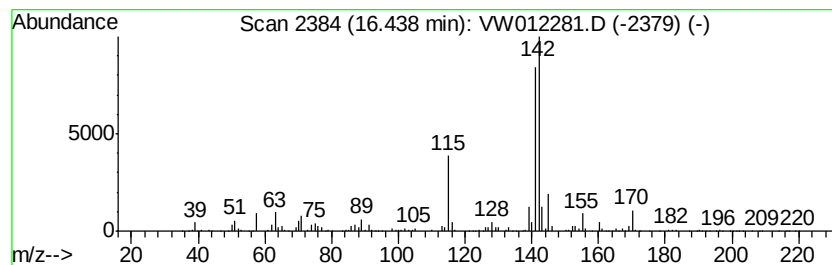
Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	28.87 ug/l	620702	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		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-dihv...	142 C11H10	004453-90-1 91
4		Benzocycloheptatriene	142 C11H10	000264-09-5 90
5		Naphthalene, 1-(2-hydroxypropyl)	186 C13H14O	027653-13-0 53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
Data File : VW012281.D
Acq On : 29 Aug 2019 04:37
Operator : SY/VA
Sample : K4498-04
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.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-...	12.88	50.3	ug/l	1080590	4	13.55	1074850	50.0
Naphthalene, 1,5-...	13.31	108.5	ug/l	2331270	4	13.55	1074850	50.0
1H-Indene, 2,3-di...	14.80	11.8	ug/l	254448	4	13.55	1074850	50.0
Naphthalene, 2,3,...	15.07	40.4	ug/l	867406	4	13.55	1074850	50.0
Bicyclo[4.2.0]oct...	15.17	13.2	ug/l	282839	4	13.55	1074850	50.0
Naphthalene, 1,6,...	15.49	31.6	ug/l	679590	4	13.55	1074850	50.0
4,6,8-Trimethylaz...	16.38	12.6	ug/l	270030	4	13.55	1074850	50.0
Naphthalene, 1-me...	16.44	28.9	ug/l	620702	4	13.55	1074850	50.0