

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004346.D
 Acq On : 30 Jul 2018 07:10
 Operator : SY/AP
 Sample : J4109-05
 Misc : 8.51G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11(3-5)

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\82W073018S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.807	27	36	56	rVB	2606305	5339237	100.00%	29.662%
2	4.117	407	415	423	rBV	23740	56658	1.06%	0.315%
3	7.885	1022	1033	1038	rBV2	90493	211343	3.96%	1.174%
4	7.952	1038	1044	1054	rVB	173555	377792	7.08%	2.099%
5	8.312	1090	1103	1115	rBV2	91588	223243	4.18%	1.240%
6	8.848	1182	1191	1202	rBV	234631	463518	8.68%	2.575%
7	10.330	1426	1434	1440	rBV	355680	619340	11.60%	3.441%
8	11.634	1640	1648	1658	rVB	287505	473965	8.88%	2.633%
9	11.841	1675	1682	1692	rBV	31758	65763	1.23%	0.365%
10	12.171	1723	1736	1745	rBV3	45699	86483	1.62%	0.480%
11	12.628	1804	1811	1818	rBV	207224	337463	6.32%	1.875%
12	12.872	1846	1851	1854	rBV	66682	105085	1.97%	0.584%
13	12.908	1854	1857	1861	rVV	47808	74938	1.40%	0.416%
14	13.110	1884	1890	1898	rVB	54740	91299	1.71%	0.507%
15	13.262	1908	1915	1919	rBV	60971	97748	1.83%	0.543%
16	13.567	1959	1965	1974	rBV2	228116	437341	8.19%	2.430%
17	13.768	1993	1998	2012	rVB2	297777	550770	10.32%	3.060%
18	14.103	2048	2053	2058	rVB	51016	80560	1.51%	0.448%
19	14.219	2065	2072	2082	rBV4	30922	80596	1.51%	0.448%
20	14.469	2109	2113	2117	rVV	65997	98046	1.84%	0.545%
21	14.701	2145	2151	2155	rBV	49011	81877	1.53%	0.455%
22	14.804	2162	2168	2175	rBV2	153643	345439	6.47%	1.919%
23	14.884	2175	2181	2188	rVB2	78816	146514	2.74%	0.814%
24	14.963	2188	2194	2204	rBV	150106	264139	4.95%	1.467%
25	15.079	2207	2213	2225	rVV3	50859	151376	2.84%	0.841%
26	15.182	2225	2230	2238	rVV2	47731	91711	1.72%	0.510%
27	15.377	2256	2262	2269	rVB	534314	902834	16.91%	5.016%
28	15.481	2274	2279	2285	rBV2	43583	79310	1.49%	0.441%
29	15.670	2303	2310	2314	rBV2	42217	87881	1.65%	0.488%
30	15.743	2317	2322	2327	rVB4	25770	59710	1.12%	0.332%
31	15.859	2336	2341	2346	rBV4	34270	68153	1.28%	0.379%
32	15.981	2354	2361	2367	rBV3	87832	239191	4.48%	1.329%
33	16.103	2377	2381	2388	rVB5	25969	57296	1.07%	0.318%
34	16.261	2402	2407	2418	rVB5	17718	54547	1.02%	0.303%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004346.D
Acq On : 30 Jul 2018 07:10
Operator : SY/AP
Sample : J4109-05
Misc : 8.51G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-11(3-5)

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Title : SW846 8260

35	16.389	2418	2428	2433	rBV	118147	275814	5.17%	1.532%
36	16.456	2433	2439	2453	rVB	570483	1214242	22.74%	6.746%
37	16.664	2464	2473	2484	rVB	1815054	4008864	75.08%	22.271%

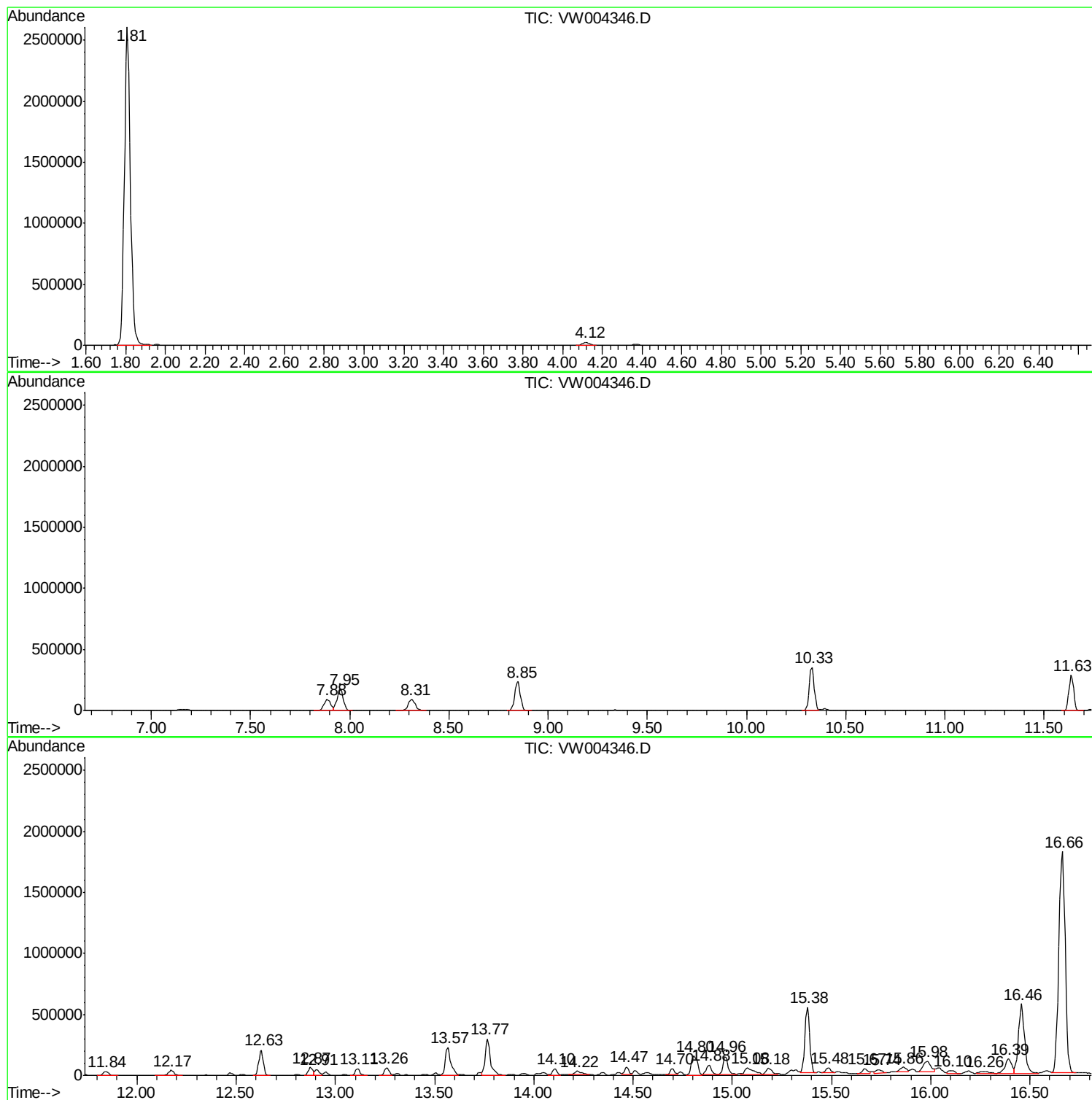
Sum of corrected areas: 18000086

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004346.D
Acq On : 30 Jul 2018 07:10
Operator : SY/AP
Sample : J4109-05
Misc : 8.51G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-11(3-5)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004346.D
Acq On : 30 Jul 2018 07:10
Operator : SY/AP
Sample : J4109-05
Misc : 8.51G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-11(3-5)

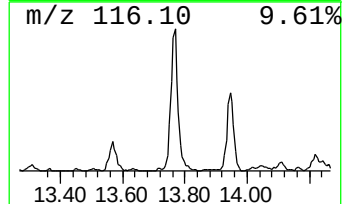
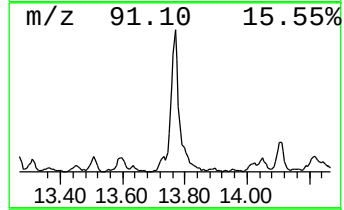
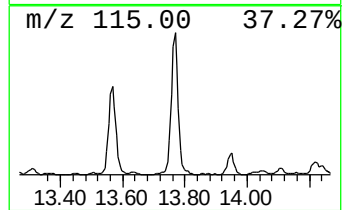
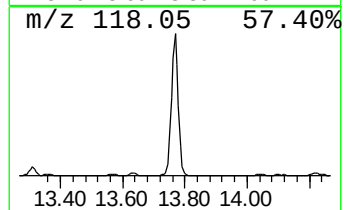
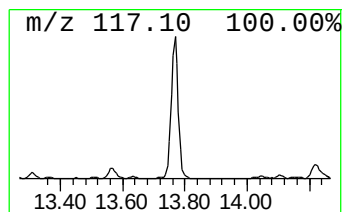
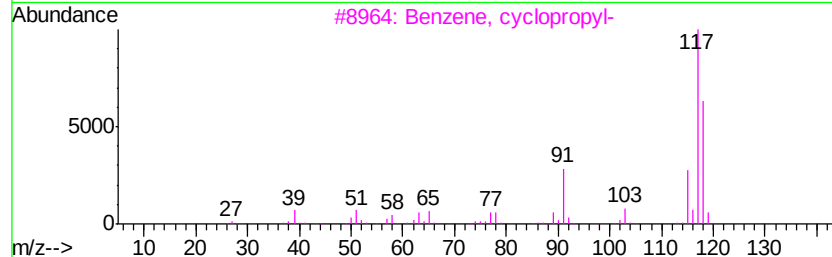
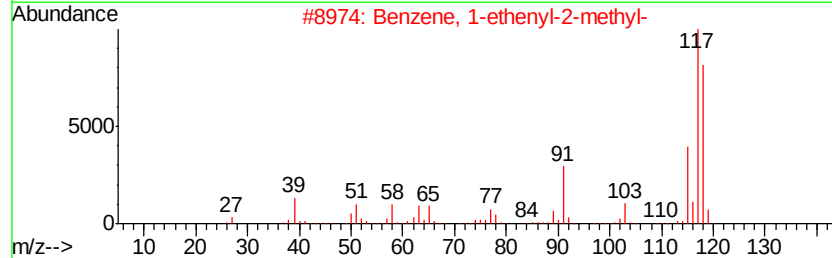
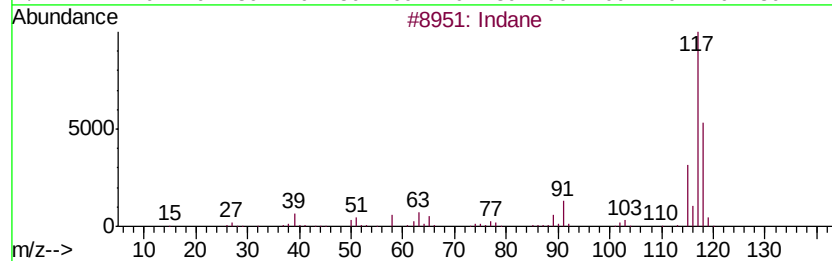
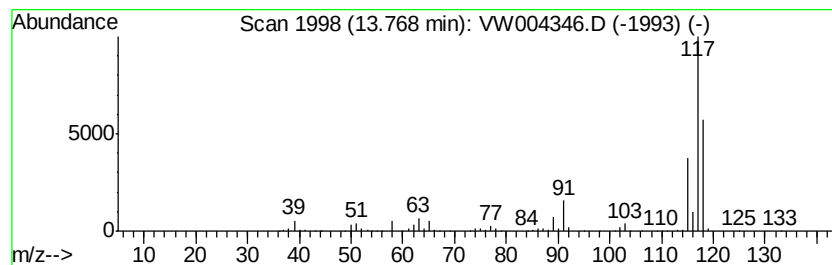
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260

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

Peak Number 2 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	62.97 ug/l	550770	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	91
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	72
5		Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004346.D
Acq On : 30 Jul 2018 07:10
Operator : SY/AP
Sample : J4109-05
Misc : 8.51G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

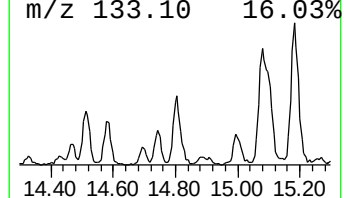
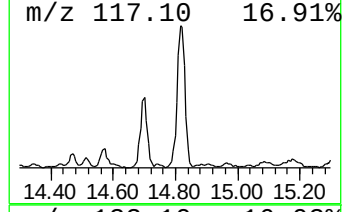
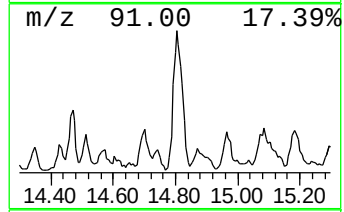
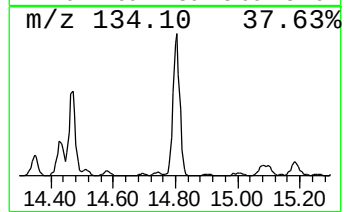
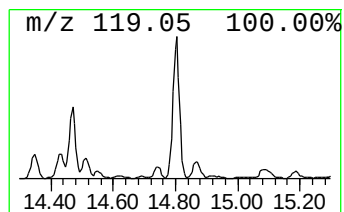
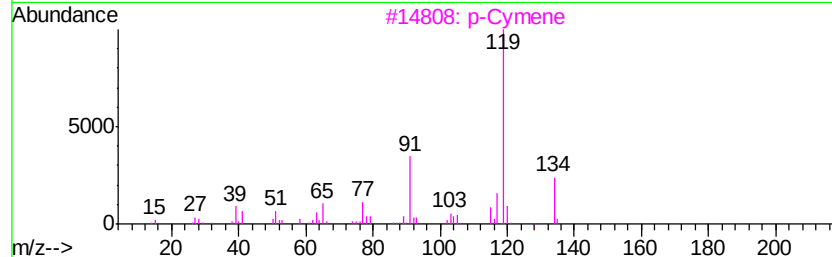
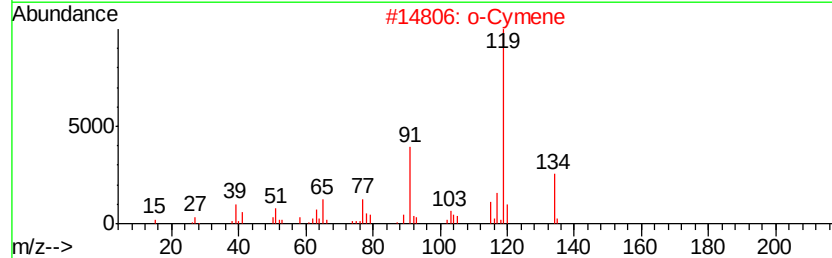
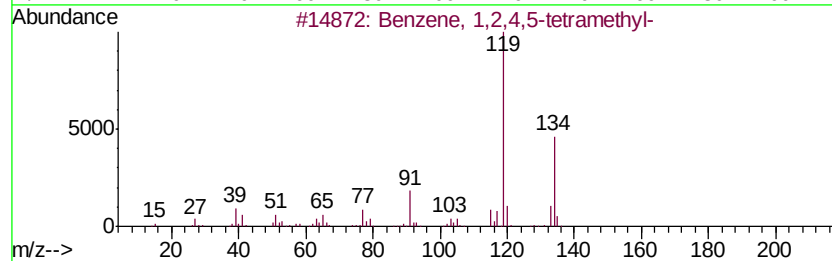
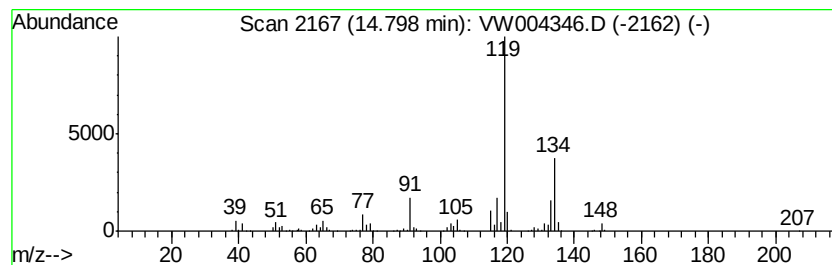
Instrument :
MSVOA_W
ClientSampleId :
SB-11(3-5)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.80	39.49 ug/l	345439	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	o-Cymene	134	C10H14	000527-84-4	76
3	p-Cymene	134	C10H14	000099-87-6	70
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004346.D
Acq On : 30 Jul 2018 07:10
Operator : SY/AP
Sample : J4109-05
Misc : 8.51G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-11(3-5)

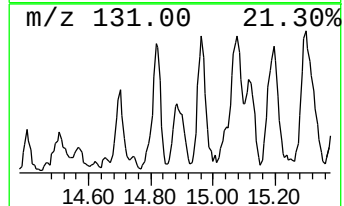
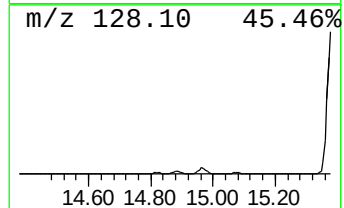
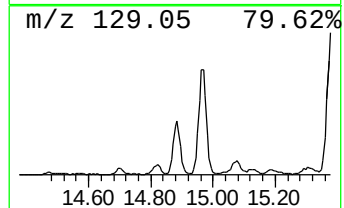
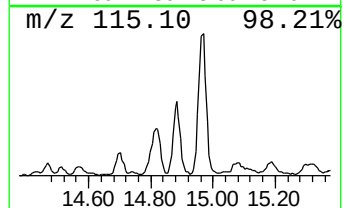
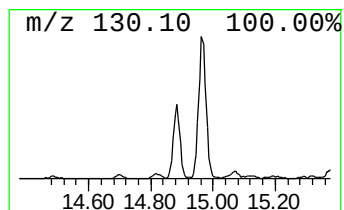
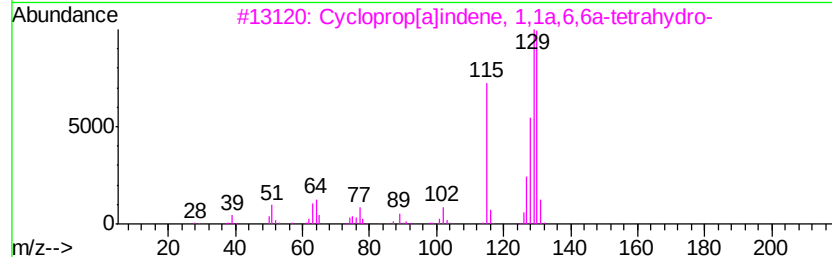
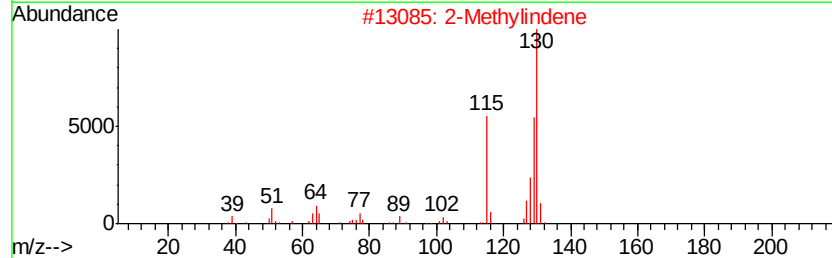
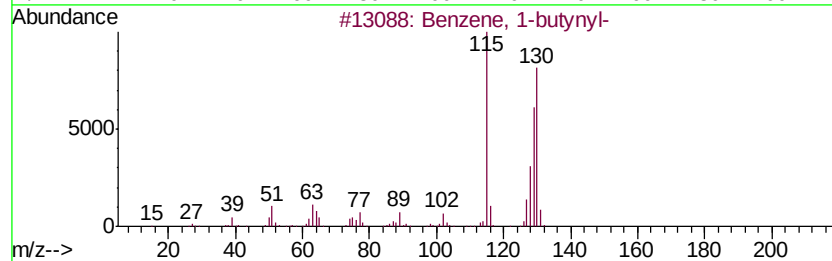
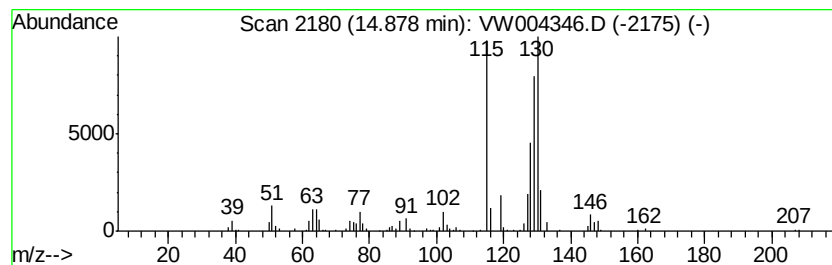
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-butyryl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	16.75 ug/l	146514	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-butyryl-	130	C10H10	000622-76-4	94
2		2-Methylindene	130	C10H10	002177-47-1	93
3		Cyclopropylindene, 1,1a,6,6a-tetrahydro-	130	C10H10	015677-15-3	92
4		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92
5		Benzene, (1-methyl-2-cyclopropenyl)-	130	C10H10	065051-83-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004346.D
Acq On : 30 Jul 2018 07:10
Operator : SY/AP
Sample : J4109-05
Misc : 8.51G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

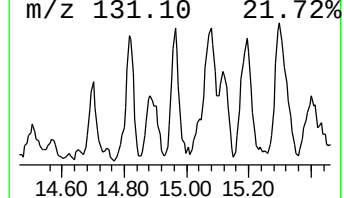
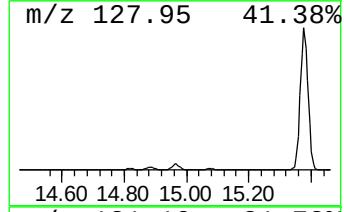
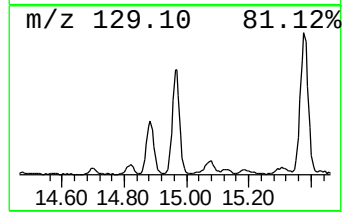
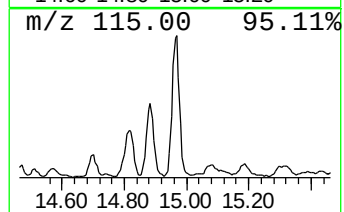
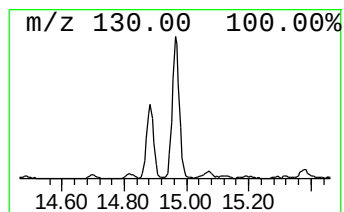
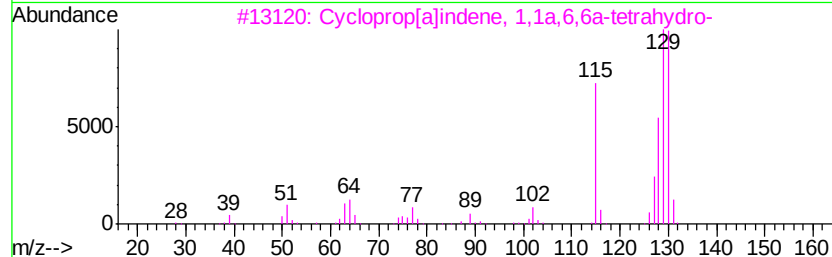
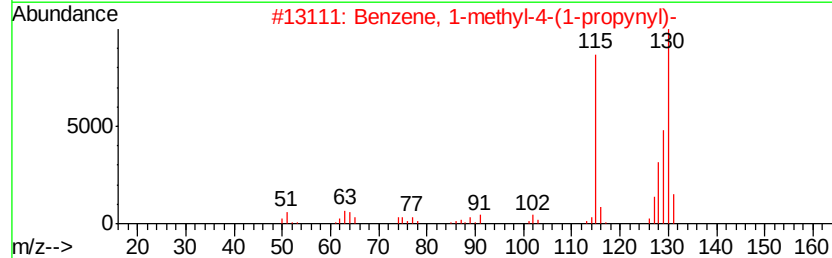
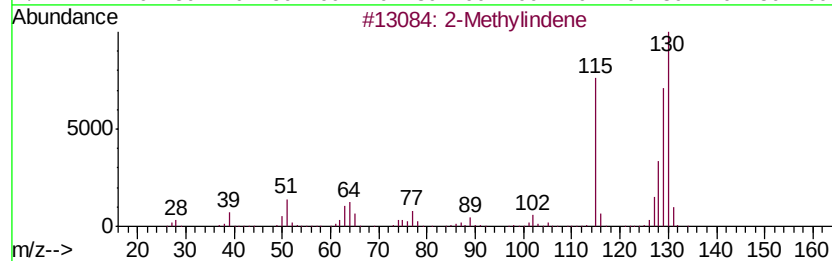
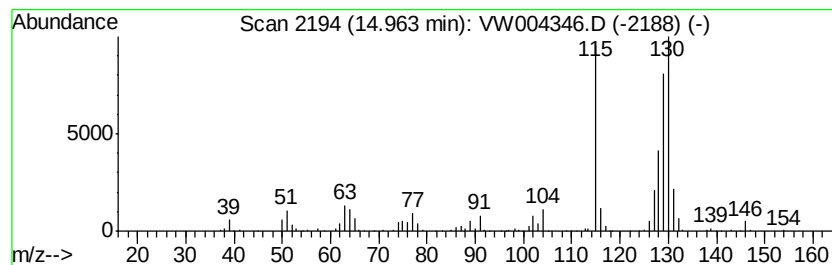
Instrument :
MSVOA_W
ClientSampleId :
SB-11(3-5)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260

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

Peak Number 5 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	30.20 ug/l	264139	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Methylindene	130 C10H10	002177-47-1	95
2	Benzene, 1-methyl-4-(1-propynyl)-	130 C10H10	002749-93-1	93
3	Cycloprop[alindene, 1,1a,6,6a-te...	130 C10H10	015677-15-3	92
4	Benzene, 1-butylnyl-	130 C10H10	000622-76-4	92
5	1,4-Dihydronaphthalene	130 C10H10	000612-17-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004346.D
Acq On : 30 Jul 2018 07:10
Operator : SY/AP
Sample : J4109-05
Misc : 8.51G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

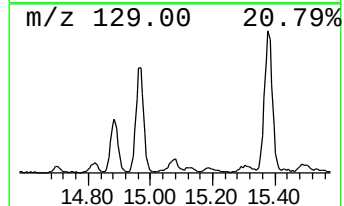
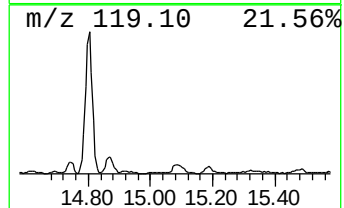
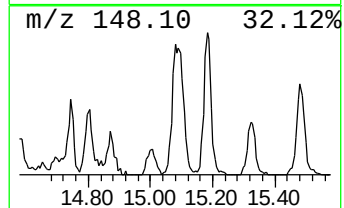
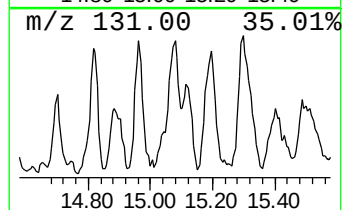
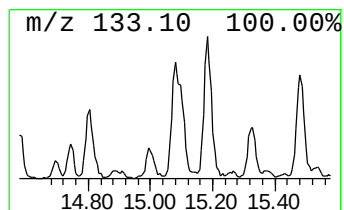
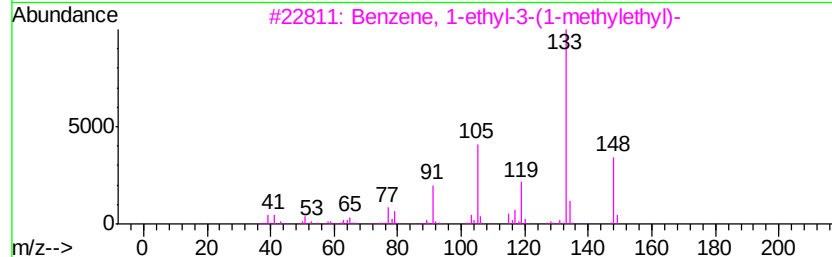
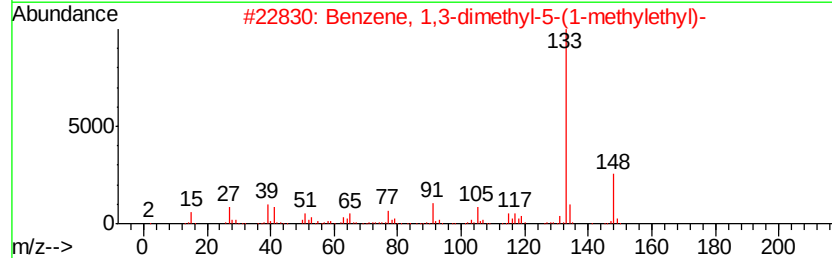
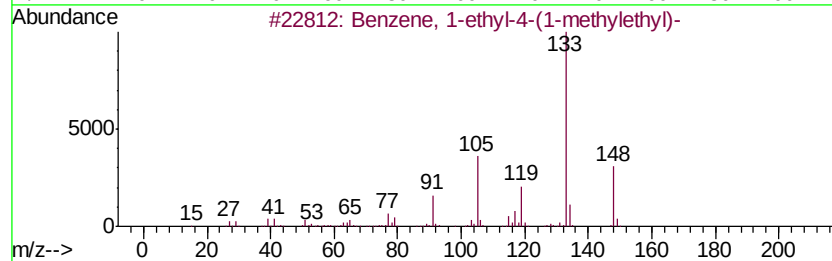
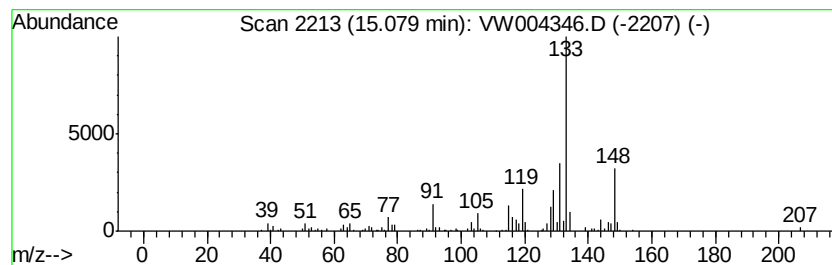
Instrument :
MSVOA_W
ClientSampleId :
SB-11(3-5)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	17.31 ug/l	151376	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148 C11H16	004218-48-8	62
2	Benzene, 1,3-dimethyl-5-(1-methy...	148 C11H16	004706-90-5	58
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148 C11H16	004920-99-4	58
4	Benzene, 2,4-dimethyl-1-(1-methy...	148 C11H16	004706-89-2	53
5	Benzene, pentamethyl-	148 C11H16	000700-12-9	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004346.D
Acq On : 30 Jul 2018 07:10
Operator : SY/AP
Sample : J4109-05
Misc : 8.51G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

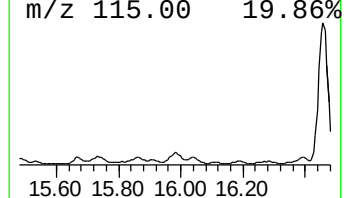
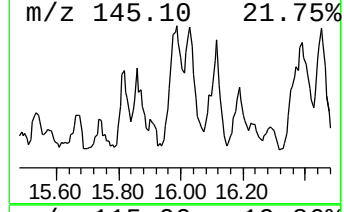
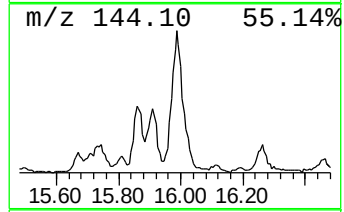
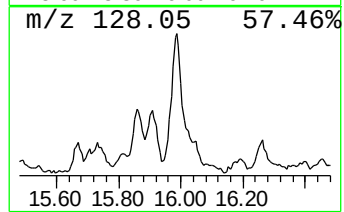
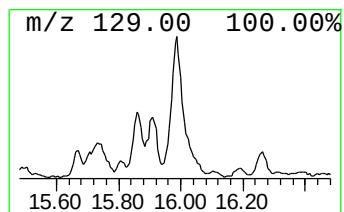
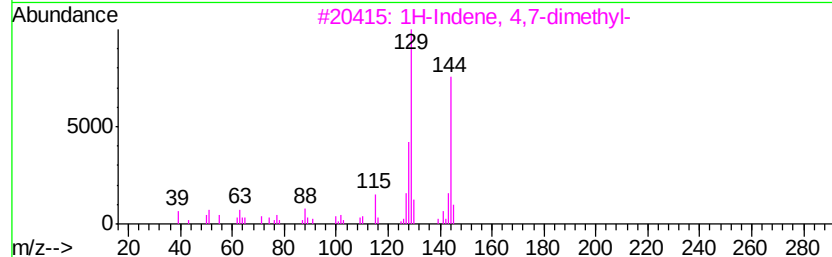
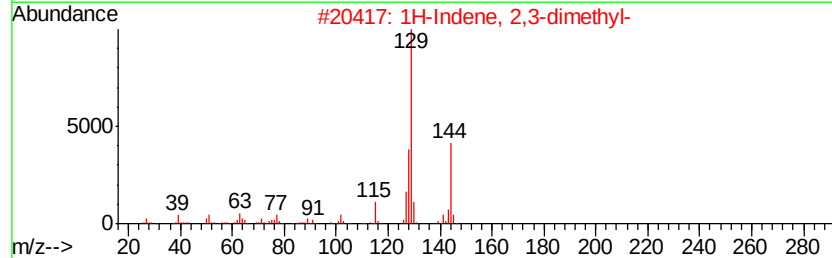
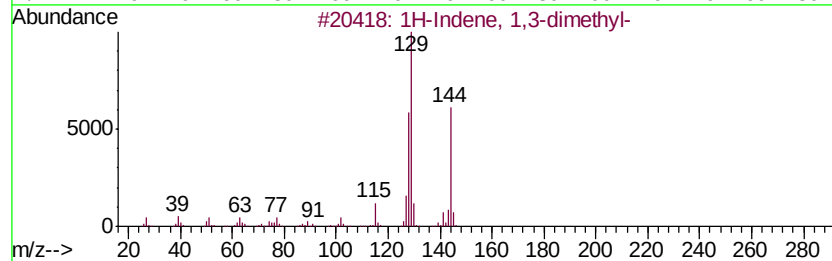
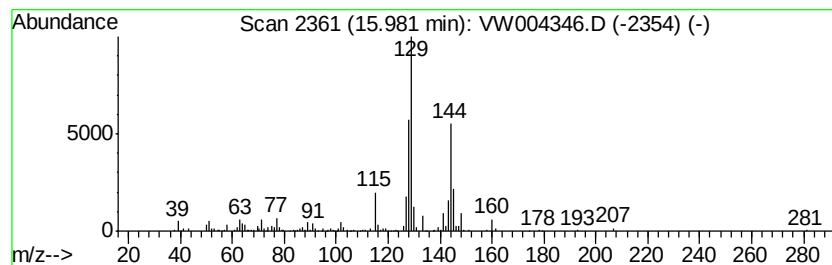
Instrument :
MSVOA_W
ClientSampleId :
SB-11(3-5)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	27.35 ug/l	239191	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, 1,3-dimethyl-	144 C11H12	002177-48-2	93
2	1H-Indene, 2,3-dimethyl-	144 C11H12	004773-82-4	93
3	1H-Indene, 4,7-dimethyl-	144 C11H12	006974-97-6	90
4	(1-Methylenebut-2-enyl)benzene	144 C11H12	070588-46-4	87
5	Benzene, (2-cyclopropylethenyl)-	144 C11H12	1000142-01-6	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004346.D
Acq On : 30 Jul 2018 07:10
Operator : SY/AP
Sample : J4109-05
Misc : 8.51G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

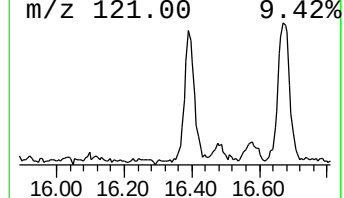
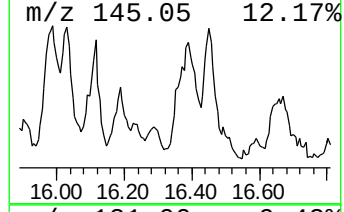
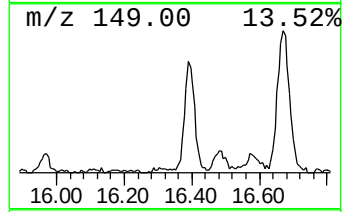
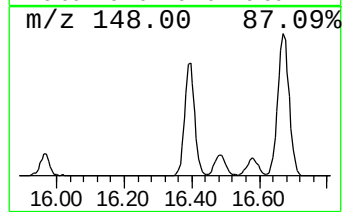
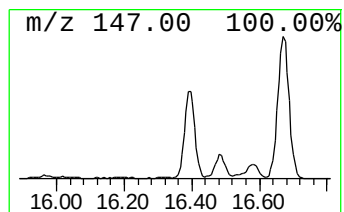
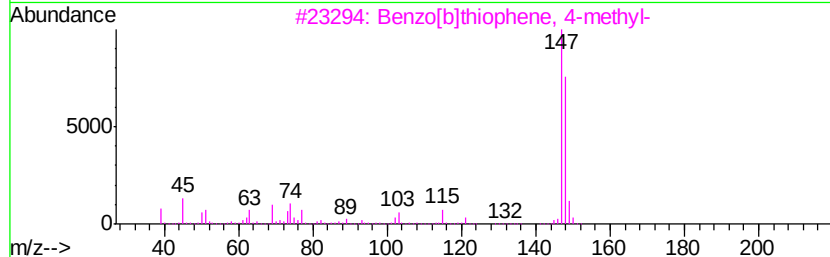
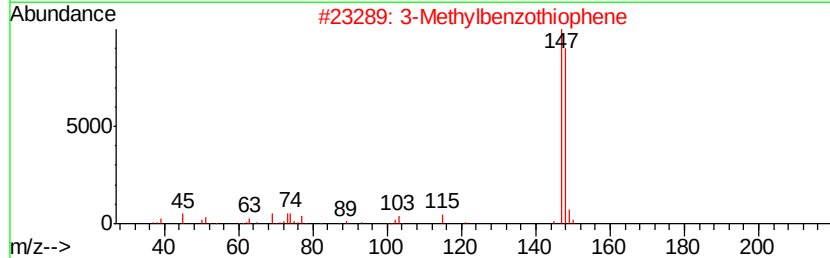
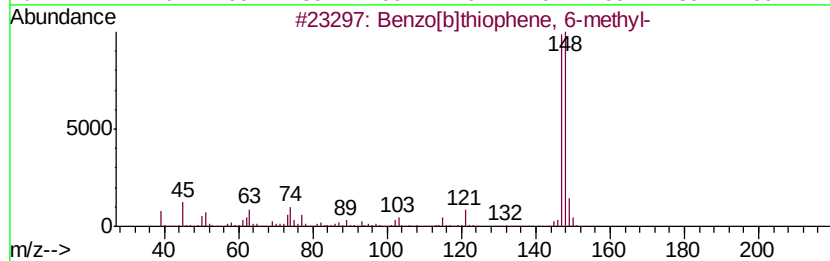
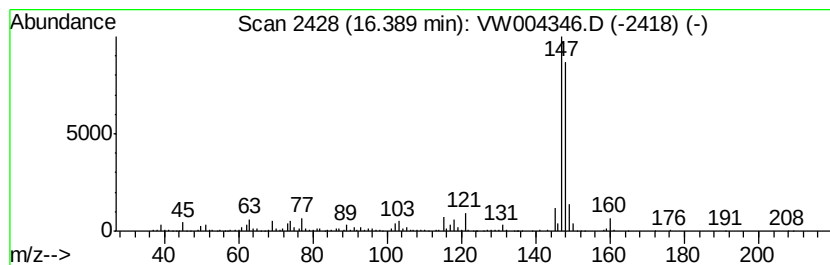
Instrument :
MSVOA_W
ClientSampleId :
SB-11(3-5)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzo[b]thiophene, 6-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	31.53 ug/l	275814	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[b]thiophene, 6-methyl-	148 C9H8S	016587-47-6	90
2	3-Methylbenzothiophene	148 C9H8S	001455-18-1	87
3	Benzo[b]thiophene, 4-methyl-	148 C9H8S	014315-11-8	87
4	Benzo[b]thiophene, 5-methyl-	148 C9H8S	014315-14-1	87
5	Benzo[b]thiophene, 2-methyl-	148 C9H8S	001195-14-8	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004346.D
Acq On : 30 Jul 2018 07:10
Operator : SY/AP
Sample : J4109-05
Misc : 8.51G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-11(3-5)

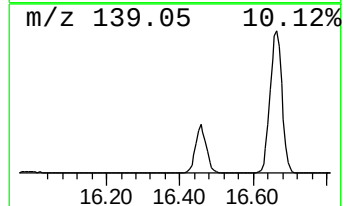
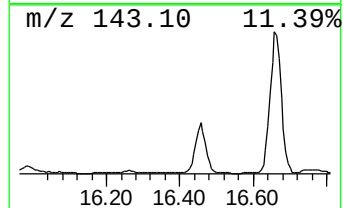
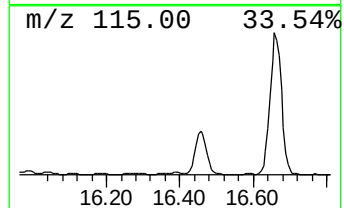
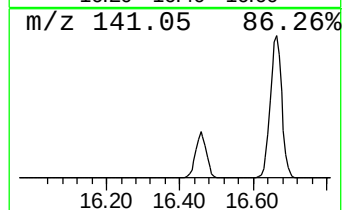
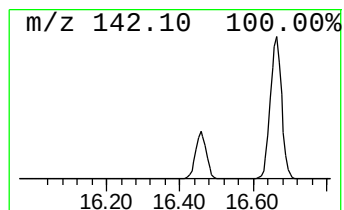
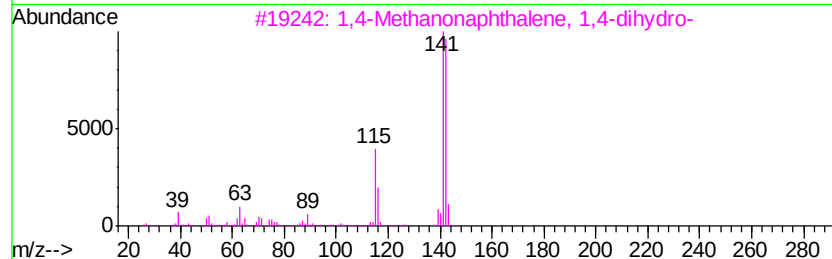
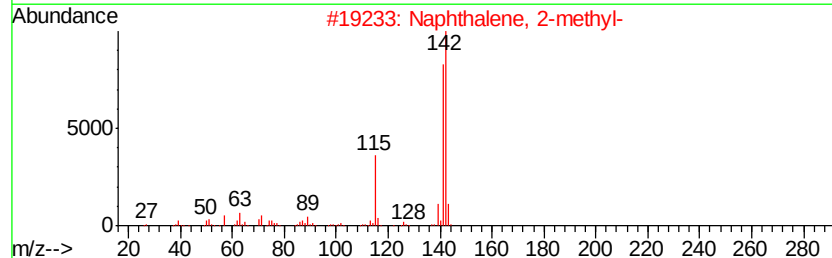
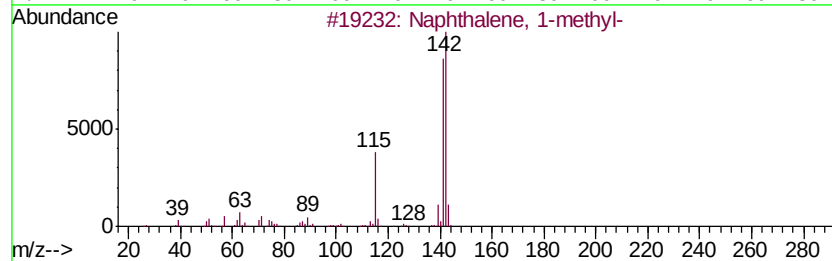
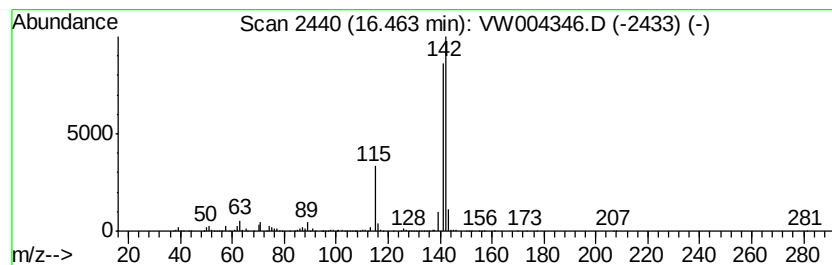
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260

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	138.82 ug/l	1214240	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW073018\
Data File : VW004346.D
Acq On : 30 Jul 2018 07:10
Operator : SY/AP
Sample : J4109-05
Misc : 8.51G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-11(3-5)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.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
Indane	13.77	63.0	ug/l	550770	4	13.57	437341	50.0
Benzene, 1,2,4,5-...	14.80	39.5	ug/l	345439	4	13.57	437341	50.0
Benzene, 1-butyryl-	14.88	16.8	ug/l	146514	4	13.57	437341	50.0
2-Methylindene	14.96	30.2	ug/l	264139	4	13.57	437341	50.0
Benzene, 1-ethyl-...	15.08	17.3	ug/l	151376	4	13.57	437341	50.0
1H-Indene, 1,3-di...	15.98	27.4	ug/l	239191	4	13.57	437341	50.0
Benzo[b]thiophene...	16.39	31.5	ug/l	275814	4	13.57	437341	50.0
Naphthalene, 1-me...	16.46	138.8	ug/l	1214240	4	13.57	437341	50.0