

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059765.D
 Acq On : 1 Aug 2018 19:45
 Operator : VA/AP
 Sample : J4231-15
 Misc : 5.03q/5mL/MSVOA F/SOIL
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-8

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_F\METHODS\82F073018S.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	5.030	450	456	463	rBV4	33810	103091	1.39%	0.622%
2	5.759	525	530	536	rBV2	30427	78924	1.07%	0.476%
3	7.701	722	727	732	rBV	32917	78950	1.07%	0.477%
4	9.909	946	951	957	rBV	31441	74939	1.01%	0.452%
5	10.028	958	963	974	rVB	377346	803764	10.85%	4.852%
6	10.264	982	987	995	rBV2	101196	223511	3.02%	1.349%
7	10.826	1040	1044	1048	rVB	45715	88906	1.20%	0.537%
8	11.220	1080	1084	1090	rVB	59931	120459	1.63%	0.727%
9	11.792	1139	1142	1150	rVV	613701	1250229	16.87%	7.547%
10	11.910	1150	1154	1157	rVB	105849	165643	2.24%	1.000%
11	12.285	1188	1192	1196	rVB	289600	426539	5.76%	2.575%
12	12.374	1197	1201	1203	rBV	55999	85589	1.15%	0.517%
13	12.502	1211	1214	1216	rBV	57314	92893	1.25%	0.561%
14	12.679	1229	1232	1235	rBV	77022	114221	1.54%	0.690%
15	12.798	1240	1244	1249	rBV2	1116039	1992178	26.88%	12.026%
16	12.876	1249	1252	1253	rVV2	166931	325799	4.40%	1.967%
17	12.896	1253	1254	1260	rVB	210207	253225	3.42%	1.529%
18	13.083	1270	1273	1276	rVB	67009	100223	1.35%	0.605%
19	13.162	1276	1281	1284	rBV4	30559	105822	1.43%	0.639%
20	13.221	1284	1287	1290	rVV	232816	352940	4.76%	2.131%
21	13.271	1290	1292	1293	rVV	112858	135277	1.83%	0.817%
22	13.290	1293	1294	1299	rVB2	72238	116183	1.57%	0.701%
23	13.448	1308	1310	1312	rBV2	53270	82660	1.12%	0.499%
24	13.606	1323	1326	1328	rVV	64110	84456	1.14%	0.510%
25	13.773	1340	1343	1351	rVB2	157405	294373	3.97%	1.777%
26	13.911	1354	1357	1358	rBV2	67795	102155	1.38%	0.617%
27	14.030	1366	1369	1373	rVB	99016	187507	2.53%	1.132%
28	14.148	1378	1381	1384	rVV	131112	241899	3.26%	1.460%
29	14.207	1384	1387	1391	rVB4	38366	86625	1.17%	0.523%
30	14.523	1415	1419	1425	rBV	4282685	7410382	100.00%	44.733%
31	14.592	1425	1426	1435	rVB	73232	139658	1.88%	0.843%
32	15.341	1498	1502	1509	rVV	371686	570732	7.70%	3.445%
33	15.469	1512	1515	1524	rVB	168952	276003	3.72%	1.666%

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Instrument :
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ClientSampleId :
2018-NYSEG-CLARK-AREA-14-8

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_F\METHODS\82F073018S.M
Title : SW846 8260

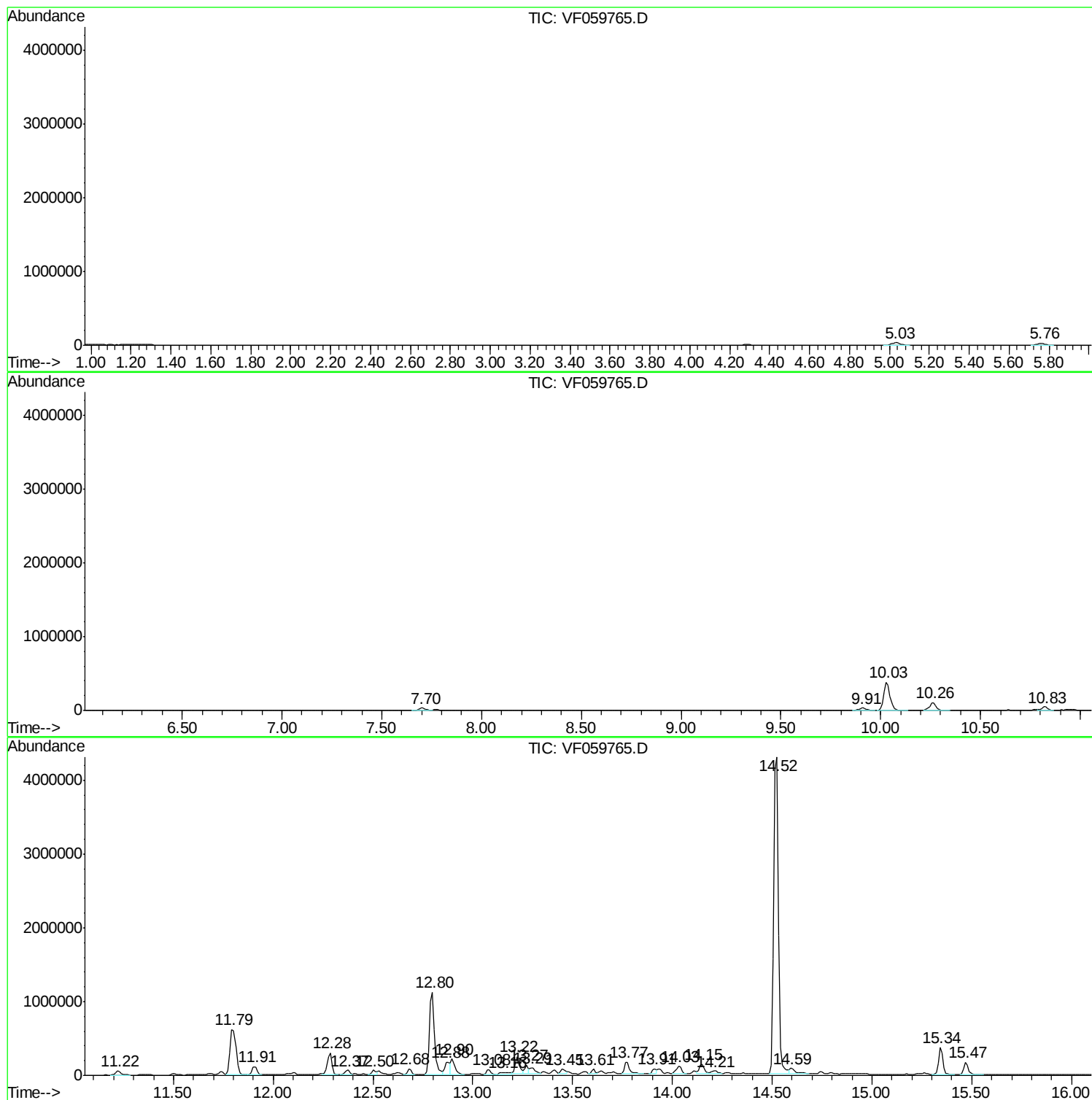
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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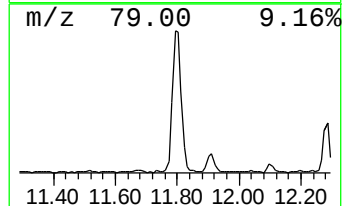
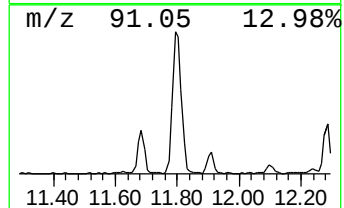
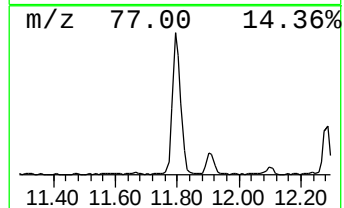
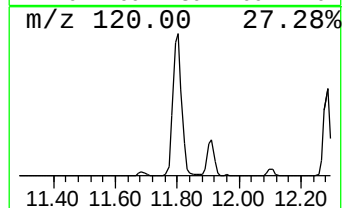
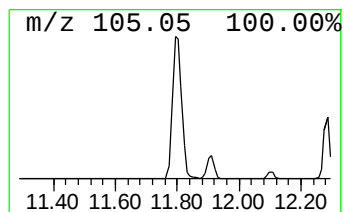
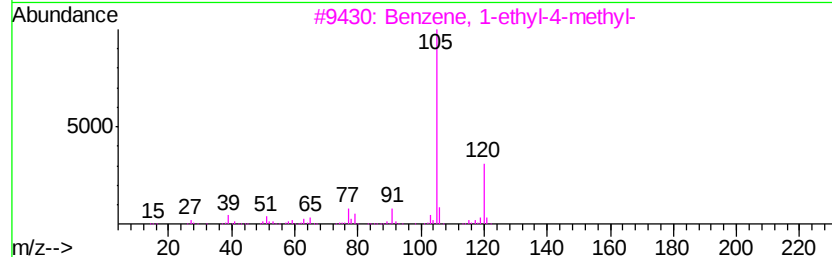
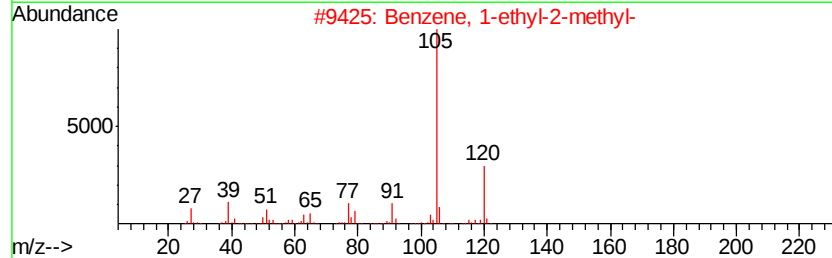
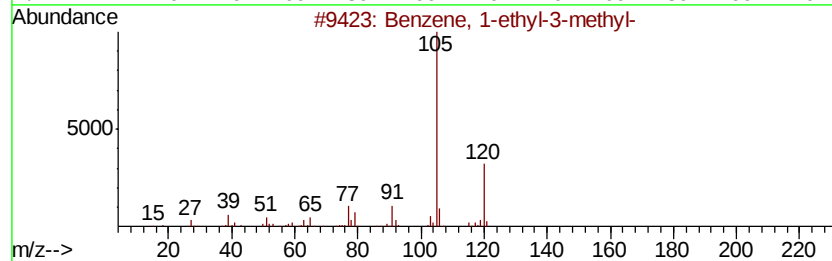
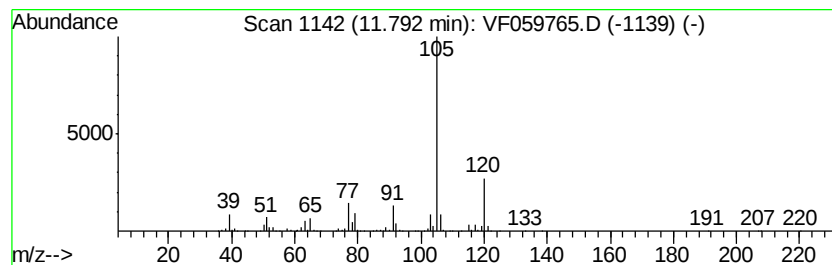
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	547.29 ug/l	1250230	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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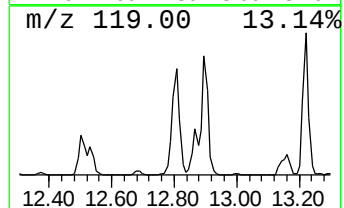
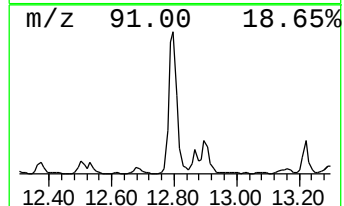
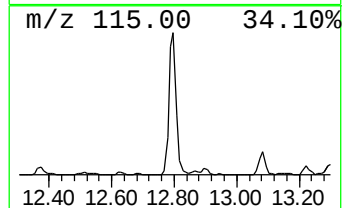
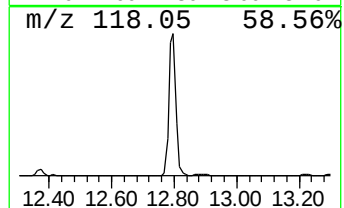
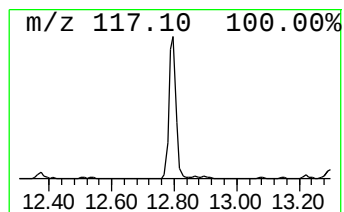
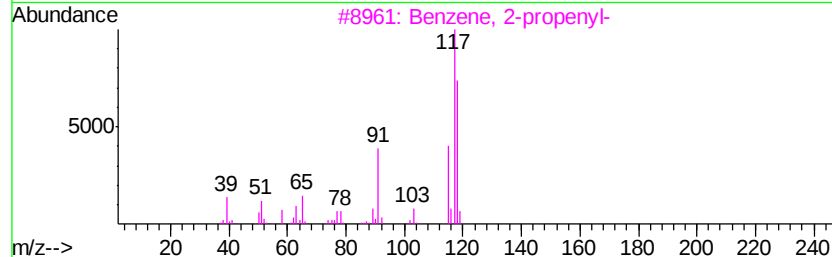
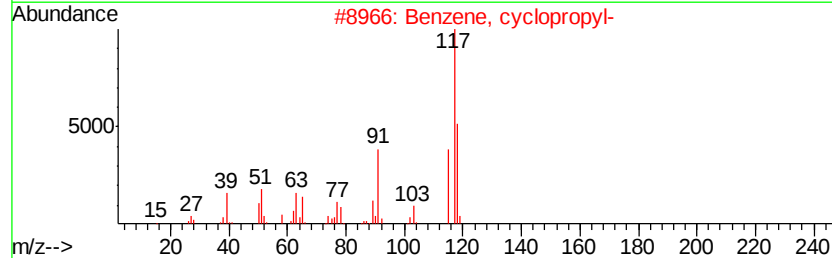
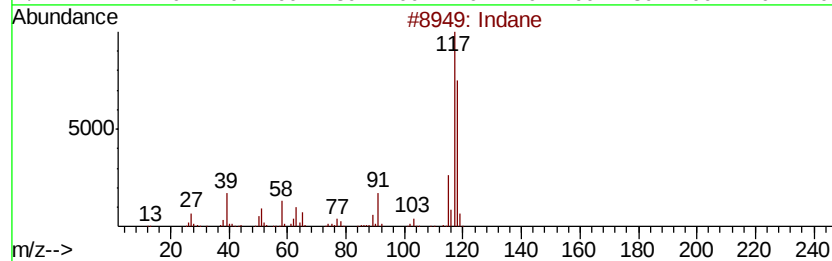
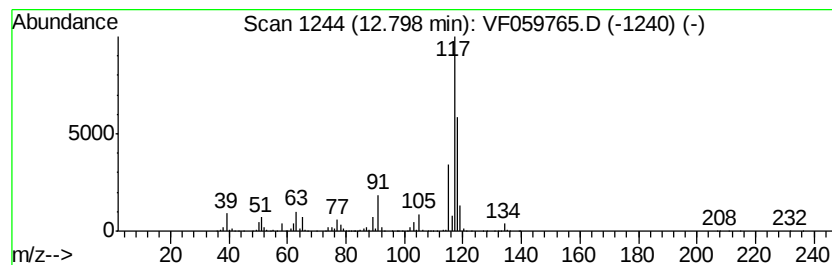
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	872.07 ug/l	1992180	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indane		118 C9H10	000496-11-7 91
2	Benzene, cyclopropyl-		118 C9H10	000873-49-4 81
3	Benzene, 2-propenyl-		118 C9H10	000300-57-2 81
4	(Z)-1-Phenylpropene		118 C9H10	000766-90-5 81
5	Benzene, 1-ethenyl-2-methyl-		118 C9H10	000611-15-4 76



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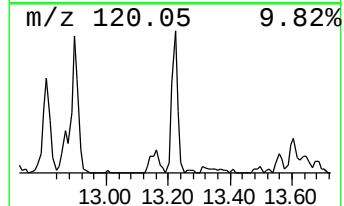
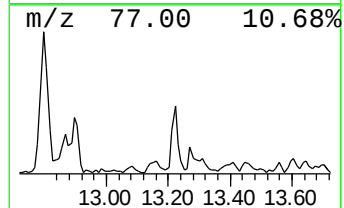
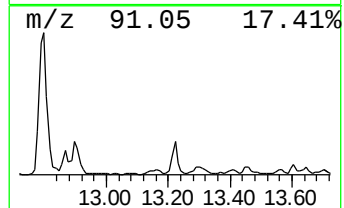
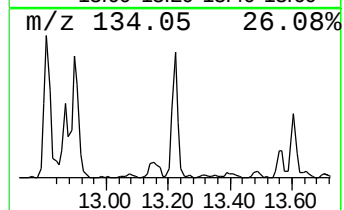
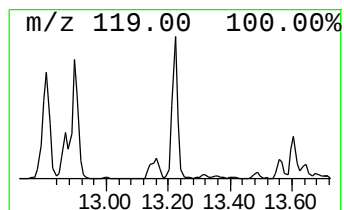
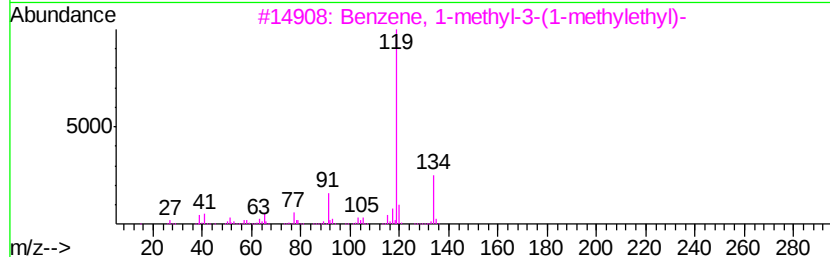
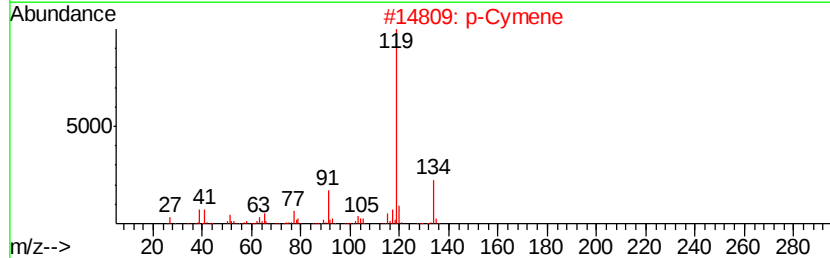
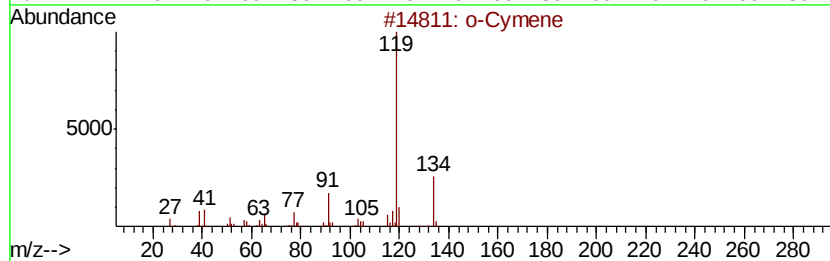
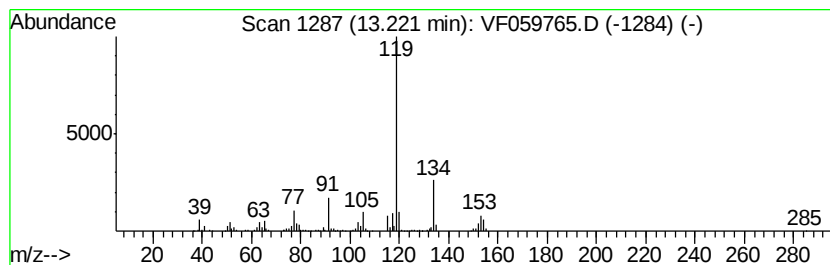
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Quant Title : SW846 8260

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

Peak Number 3 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	154.50 ug/l	352940	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		p-Cymene	134	C10H14	000099-87-6	94
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93



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Sample : J4231-15
Misc : 5.03a/5mL/MSVOA F/SOIL
ALS Vial : 95 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-8

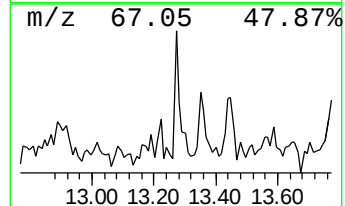
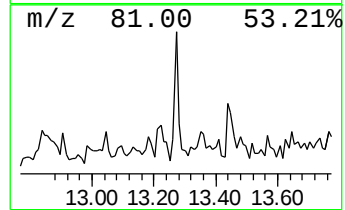
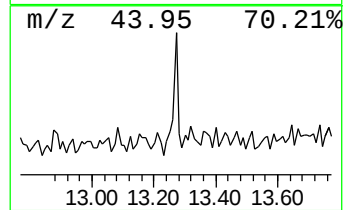
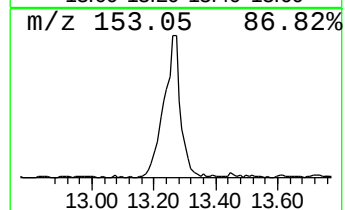
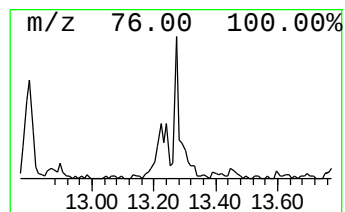
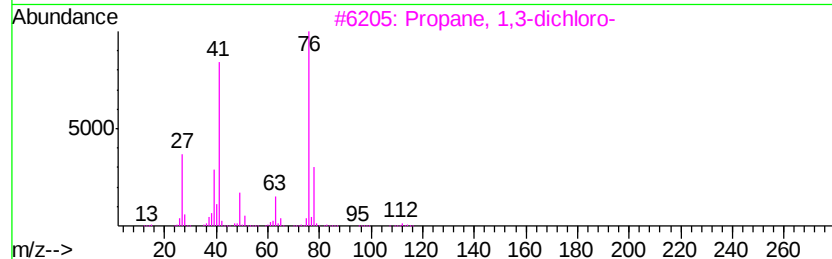
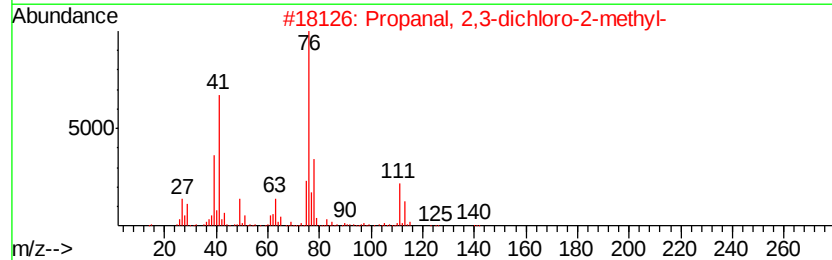
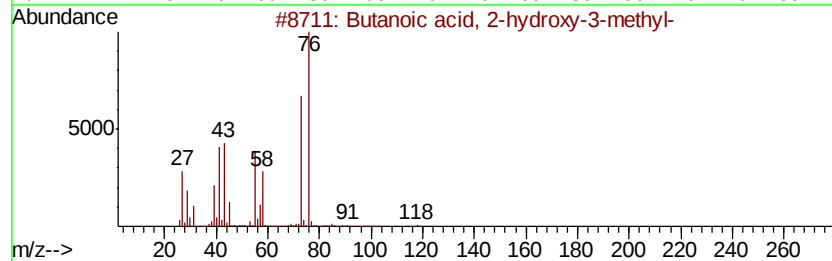
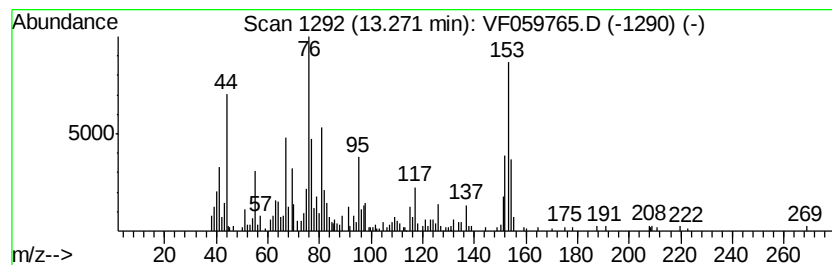
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown13.27 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	59.22 ug/l	135277	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 2-hydroxy-3-methyl-	118	C5H10O3	004026-18-0	38
2		Propanal, 2,3-dichloro-2-methyl-	140	C4H6Cl2O	010141-22-7	32
3		Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	32
4		Propane, 1-(ethenylsulfanyl)-	118	C5H10OS	061926-31-6	23
5		4a,9a-Dihydro-1,3,4,5,6,8,9,10-o...	418	C8H2S10	1000233-38-1	23



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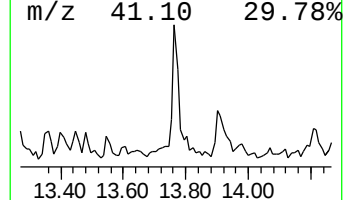
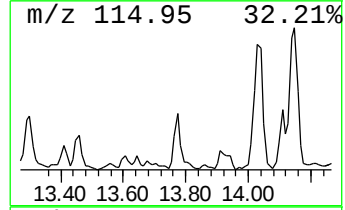
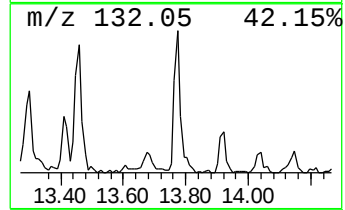
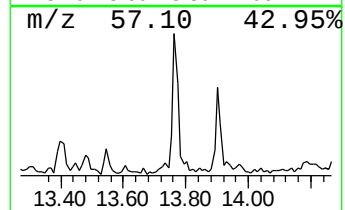
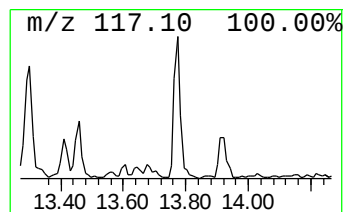
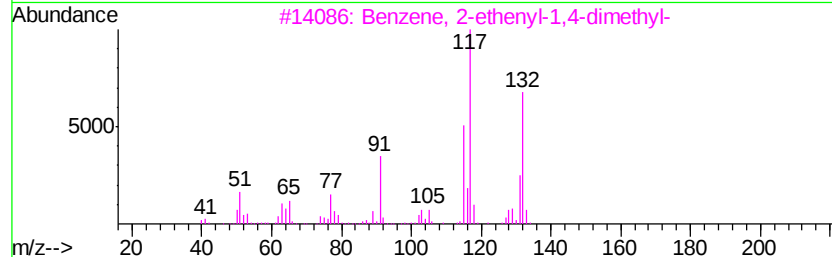
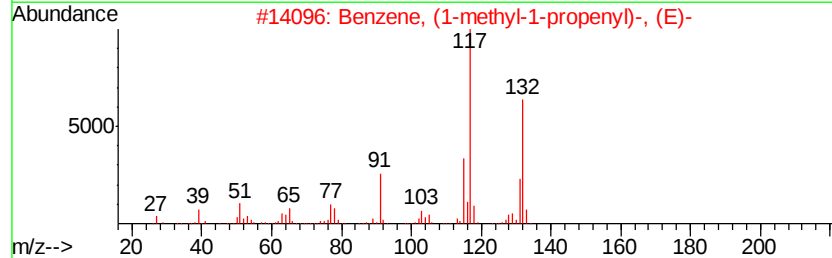
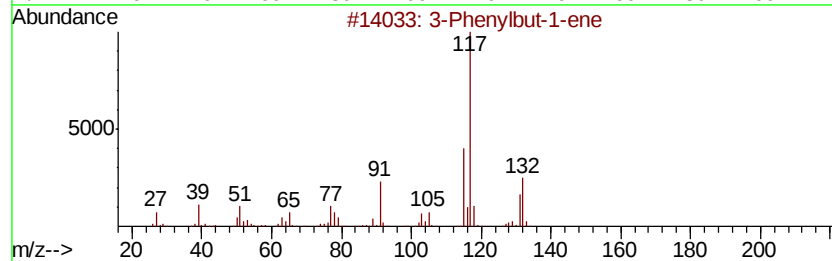
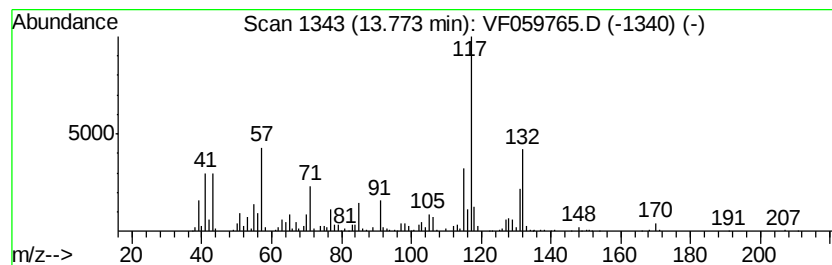
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 3-Phenylbut-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	128.86 ug/l	294373	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059765.D
Acq On : 1 Aug 2018 19:45
Operator : VA/AP
Sample : J4231-15
Misc : 5.03a/5mL/MSVOA F/SOIL
ALS Vial : 95 Sample Multiplier: 1

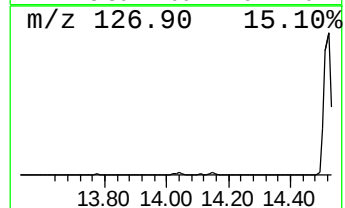
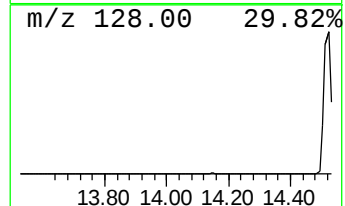
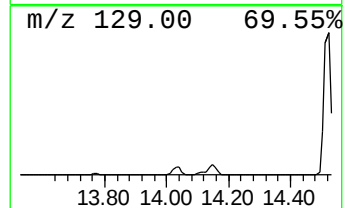
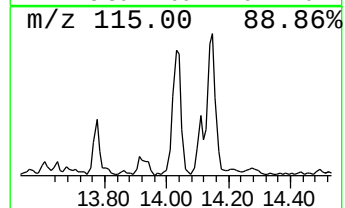
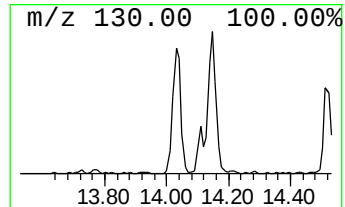
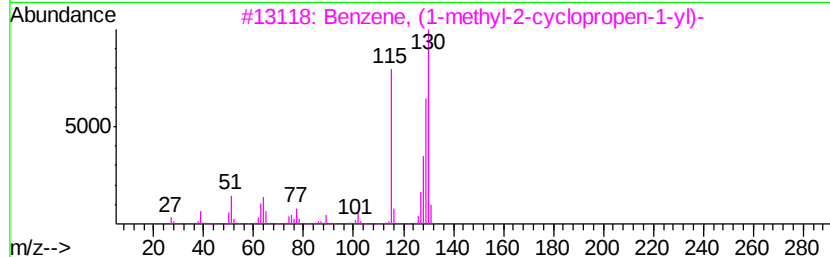
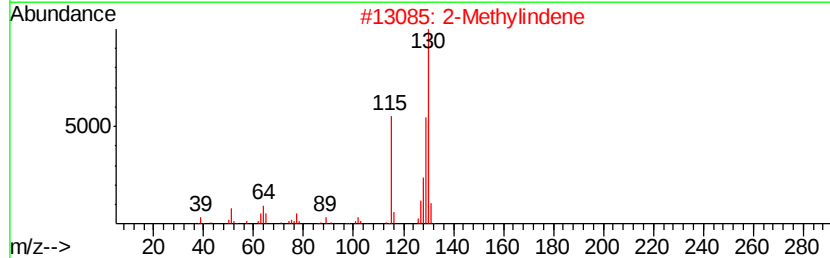
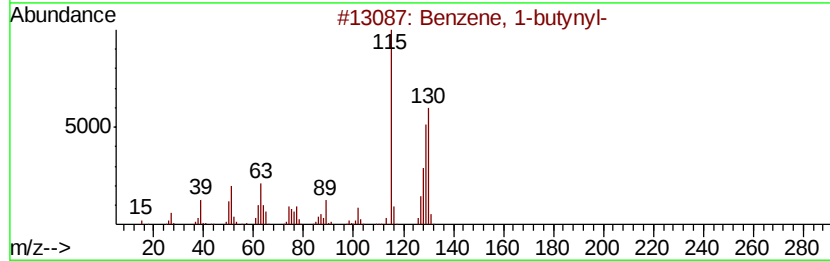
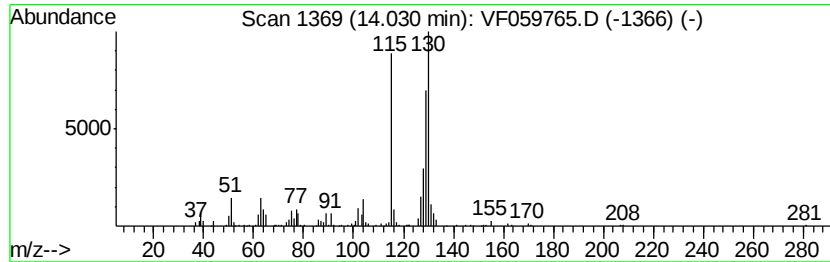
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-butynyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	82.08 ug/l	187507	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-butynyl-	130 C10H10	000622-76-4 95
2		2-Methylindene	130 C10H10	002177-47-1 95
3		Benzene, (1-methyl-2-cyclopropen-1-yl)-	130 C10H10	065051-83-4 93
4		1H-Indene, 3-methyl-	130 C10H10	000767-60-2 91
5		1H-Indene, 1-methyl-	130 C10H10	000767-59-9 91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059765.D
Acq On : 1 Aug 2018 19:45
Operator : VA/AP
Sample : J4231-15
Misc : 5.03q/5mL/MSVOA F/SOIL
ALS Vial : 95 Sample Multiplier: 1

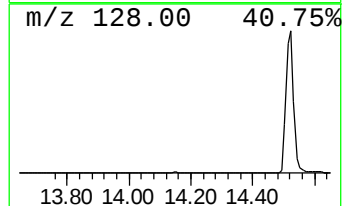
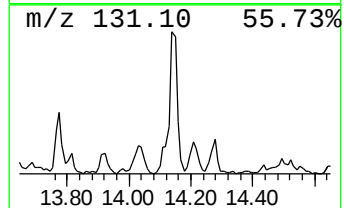
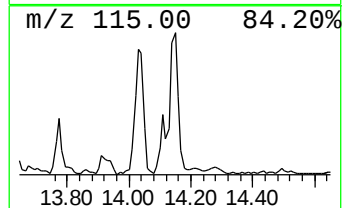
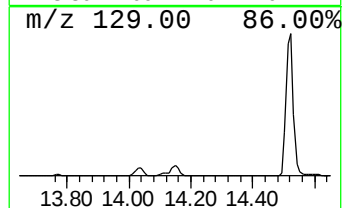
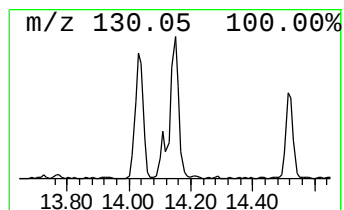
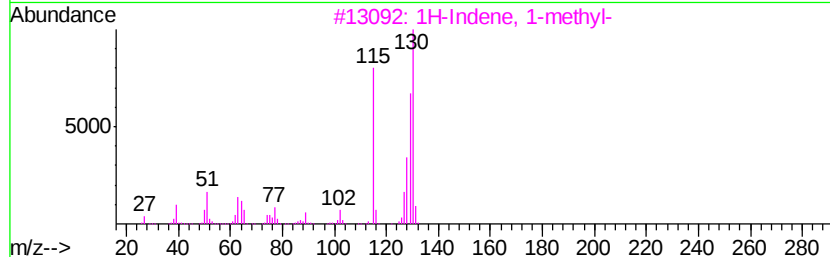
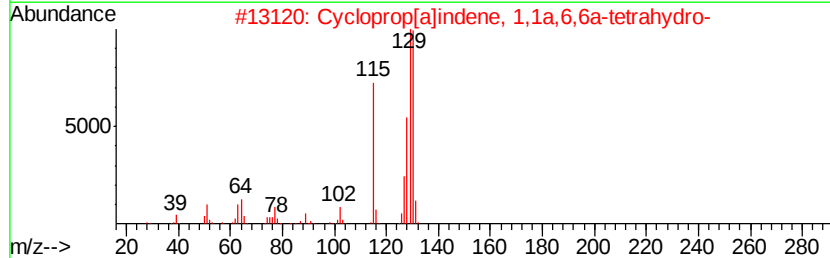
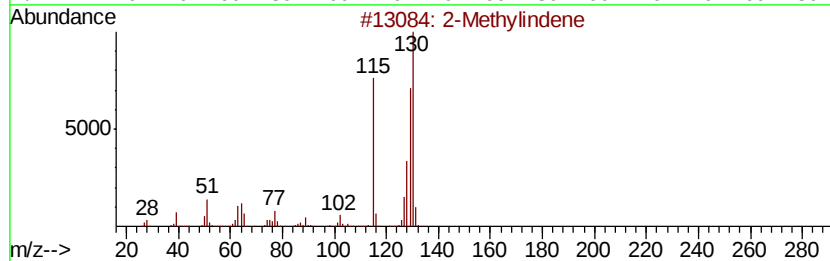
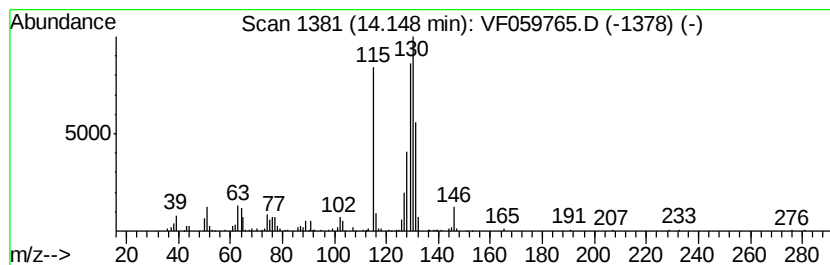
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 7 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	105.89 ug/l	241899	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Methylindene	130 C10H10	002177-47-1	95
2	Cycloprop[alindene, 1,1a,6,6a-te...	130 C10H10	015677-15-3	93
3	1H-Indene, 1-methyl-	130 C10H10	000767-59-9	93
4	Benzene, (1-methyl-2-cyclopropen...	130 C10H10	065051-83-4	89
5	Benzene, 1-butyryl-	130 C10H10	000622-76-4	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059765.D
Acq On : 1 Aug 2018 19:45
Operator : VA/AP
Sample : J4231-15
Misc : 5.03g/5mL/MSVOA F/SOIL
ALS Vial : 95 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-8

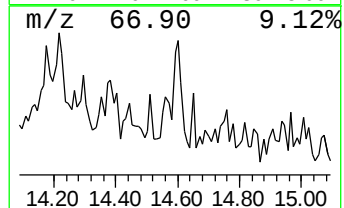
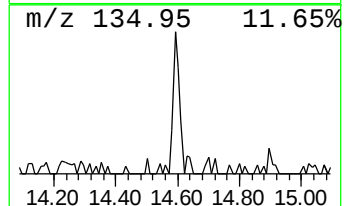
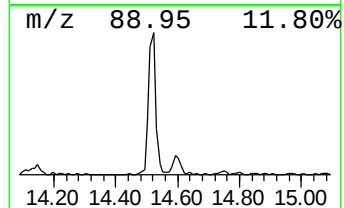
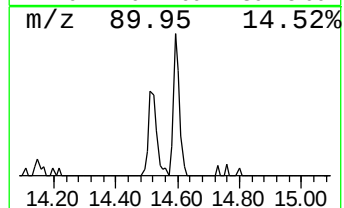
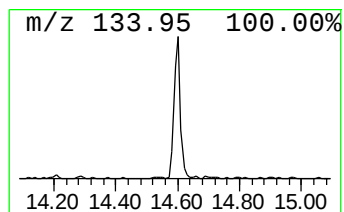
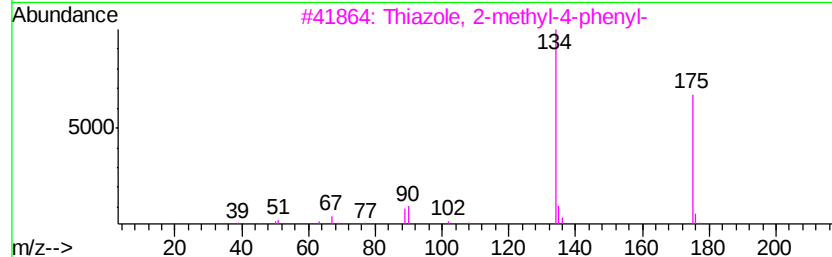
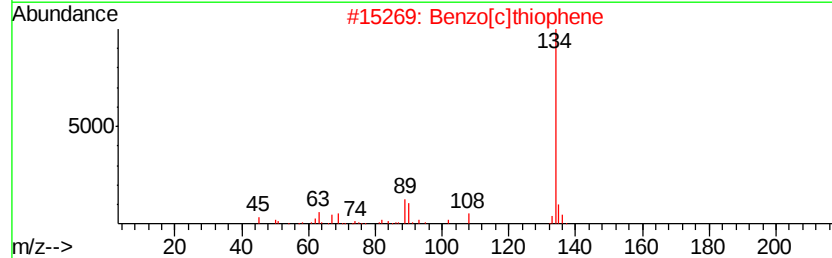
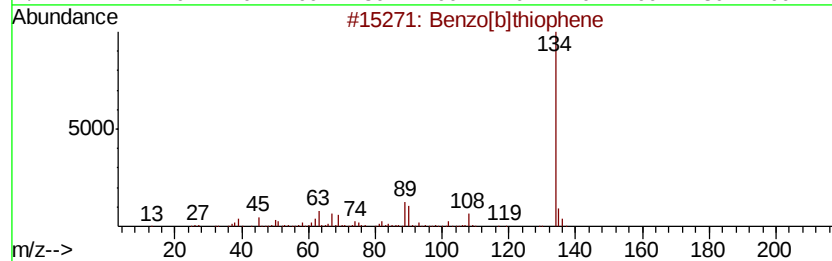
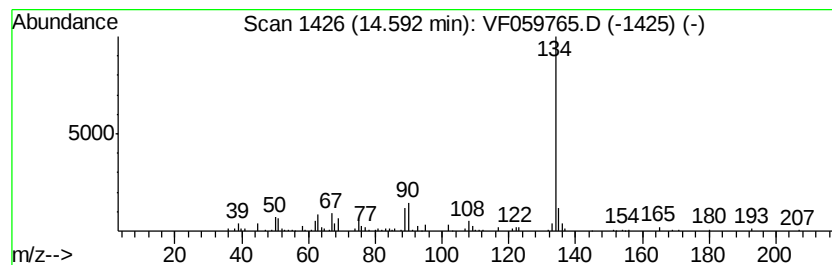
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzo[b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	61.14 ug/l	139658	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
2		Benzo[c]thiophene	134	C8H6S	000270-82-6	90
3		Thiazole, 2-methyl-4-phenyl-	175	C10H9NS	001826-16-0	72
4		5-Benzylidene-3-(2,5-dimethylani...	338	C19H18N2O2S	302955-01-7	56
5		2H-Benzimidazol-2-one, 1,3-dihydro-	134	C7H6N2O	000615-16-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059765.D
Acq On : 1 Aug 2018 19:45
Operator : VA/AP
Sample : J4231-15
Misc : 5.03q/5mL/MSVOA F/SOIL
ALS Vial : 95 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-8

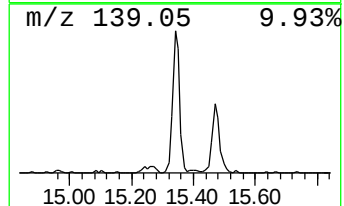
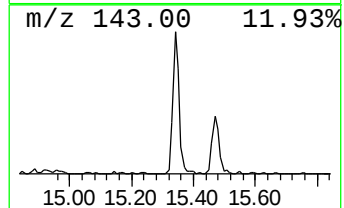
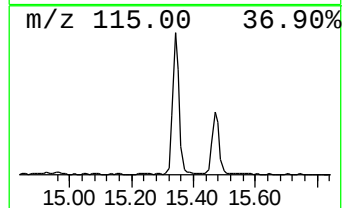
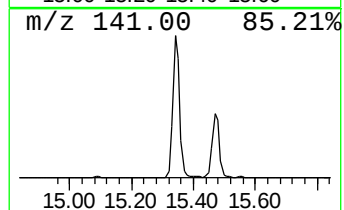
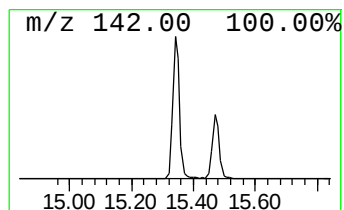
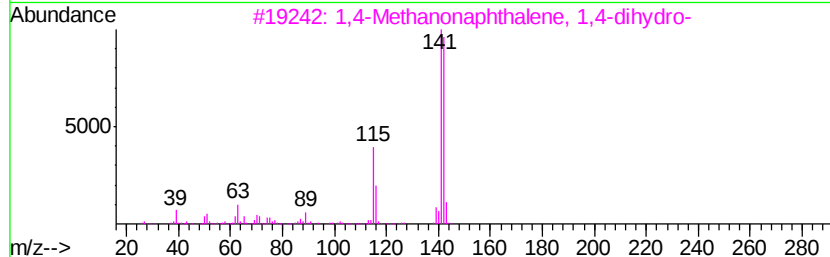
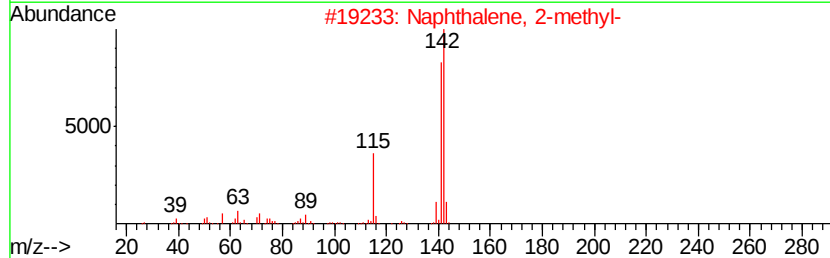
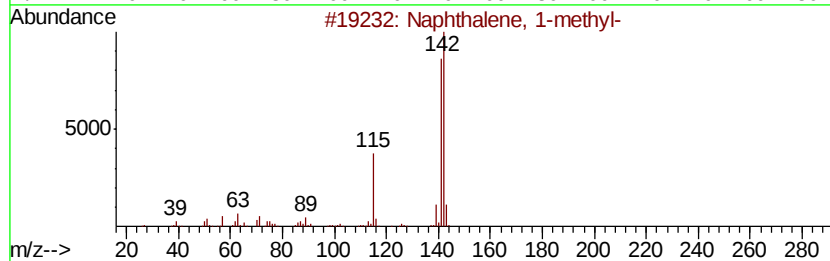
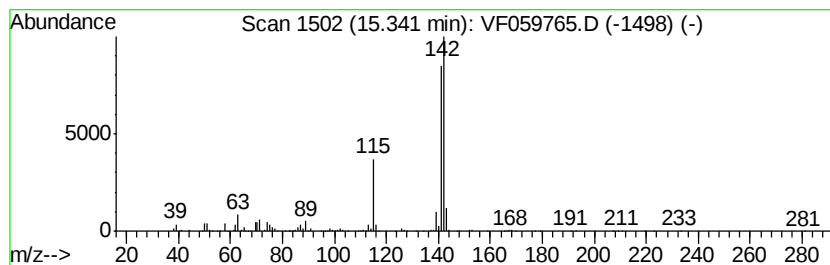
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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.
15.34	249.84 ug/l	570732	1,4-Dichlorobenzene-d4	12.63

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		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080118\
Data File : VF059765.D
Acq On : 1 Aug 2018 19:45
Operator : VA/AP
Sample : J4231-15
Misc : 5.03g/5mL/MSVOA_F/SOIL
ALS Vial : 95 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.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
Benzene, 1-ethyl-...	11.79	547.3	ug/l	1250230	4	12.63	114221	50.0
Indane	12.80	872.1	ug/l	1992180	4	12.63	114221	50.0
o-Cymene	13.22	154.5	ug/l	352940	4	12.63	114221	50.0
unknown13.27	13.27	59.2	ug/l	135277	4	12.63	114221	50.0
3-Phenylbut-1-ene	13.77	128.9	ug/l	294373	4	12.63	114221	50.0
Benzene, 1-butyryl-	14.03	82.1	ug/l	187507	4	12.63	114221	50.0
2-Methylindene	14.15	105.9	ug/l	241899	4	12.63	114221	50.0
Benzo[b]thiophene	14.59	61.1	ug/l	139658	4	12.63	114221	50.0
Naphthalene, 1-me...	15.34	249.8	ug/l	570732	4	12.63	114221	50.0