

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059789.D
 Acq On : 2 Aug 2018 9:19
 Operator : VA/AP
 Sample : J4231-05
 Misc : 5.03a/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-3

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.290	375	381	395	rVB	142900	445605	3.96%	2.048%
2	5.039	447	457	469	rBV2	290008	987430	8.78%	4.539%
3	5.768	525	531	541	rBV	266340	693090	6.16%	3.186%
4	7.710	722	728	738	rBV	357063	820389	7.29%	3.771%
5	9.918	946	952	960	rBV	342861	738319	6.56%	3.394%
6	11.515	1110	1114	1121	rVV	377544	697630	6.20%	3.207%
7	11.752	1130	1138	1140	rVV6	48998	228059	2.03%	1.048%
8	11.801	1140	1143	1152	rVV3	71153	245184	2.18%	1.127%
9	12.412	1196	1205	1206	rBV8	43976	133695	1.19%	0.615%
10	12.629	1223	1227	1230	rBV	488811	789661	7.02%	3.630%
11	12.806	1242	1245	1249	rBV2	75664	126204	1.12%	0.580%
12	12.905	1253	1255	1259	rVB	84588	118417	1.05%	0.544%
13	13.053	1263	1270	1277	rBV7	34670	170925	1.52%	0.786%
14	13.220	1285	1287	1289	rBV	70781	113854	1.01%	0.523%
15	13.348	1289	1300	1309	rVV	2237360	11249691	100.00%	51.710%
16	13.565	1317	1322	1325	rBV2	82461	224621	2.00%	1.032%
17	13.772	1340	1343	1351	rVB4	64876	137431	1.22%	0.632%
18	13.940	1355	1360	1367	rBV3	77629	246593	2.19%	1.133%
19	14.147	1379	1381	1386	rVV3	60237	162015	1.44%	0.745%
20	14.245	1386	1391	1398	rVB	81626	295610	2.63%	1.359%
21	14.521	1414	1419	1427	rVB	375995	554901	4.93%	2.551%
22	15.290	1492	1497	1500	rBV	232592	597556	5.31%	2.747%
23	15.349	1500	1503	1506	rVB	225326	338156	3.01%	1.554%
24	15.478	1512	1516	1520	rVB	436189	696414	6.19%	3.201%
25	15.852	1551	1554	1560	rBV	232623	412889	3.67%	1.898%
26	16.069	1572	1576	1577	rBV	342382	531035	4.72%	2.441%

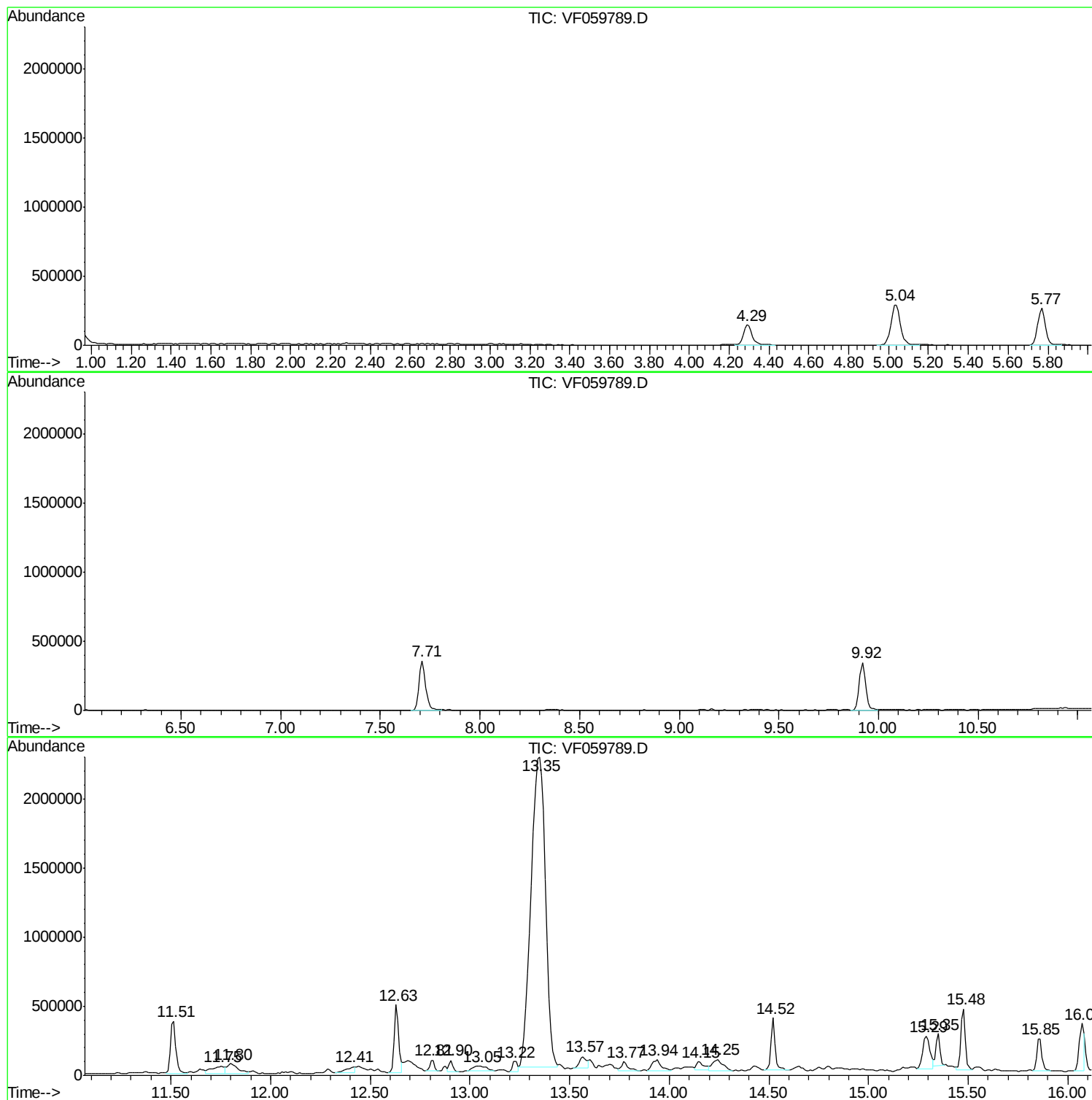
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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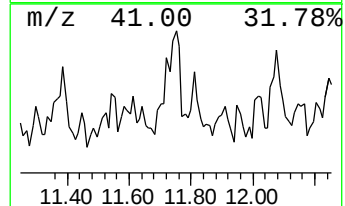
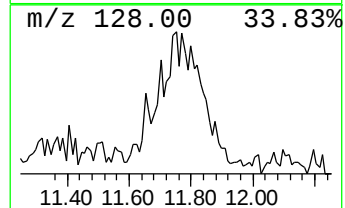
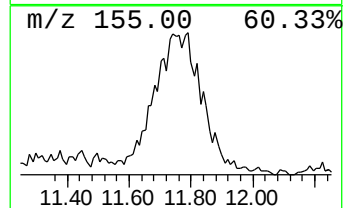
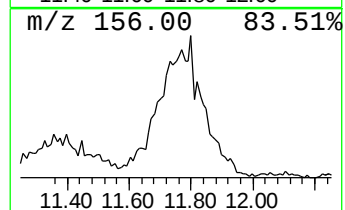
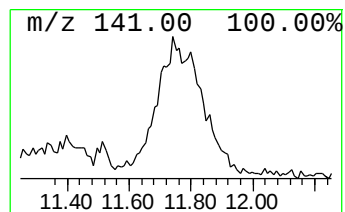
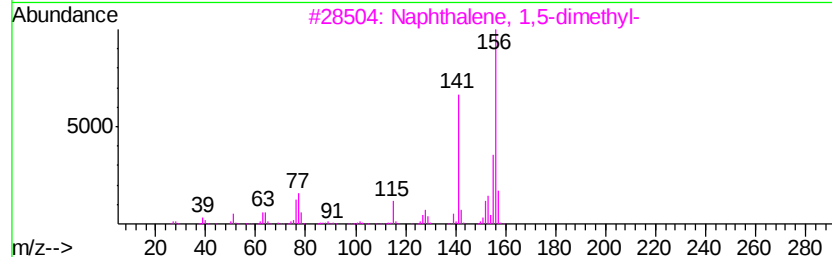
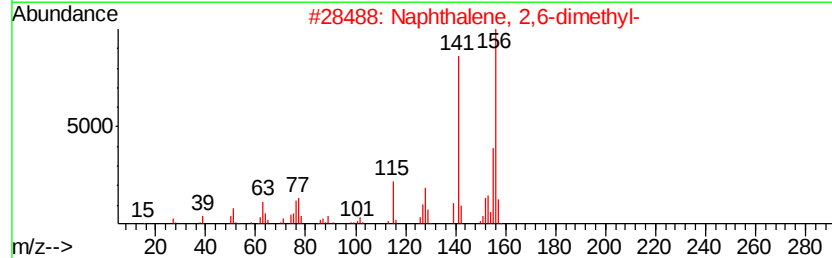
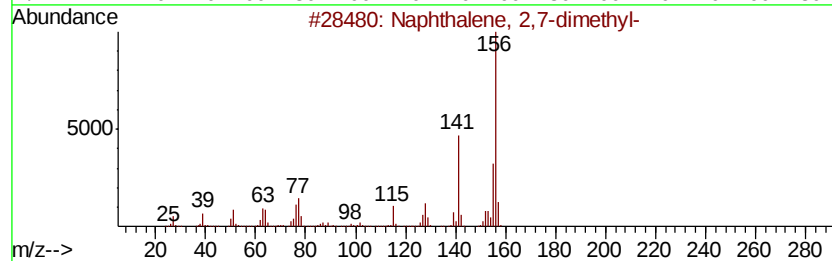
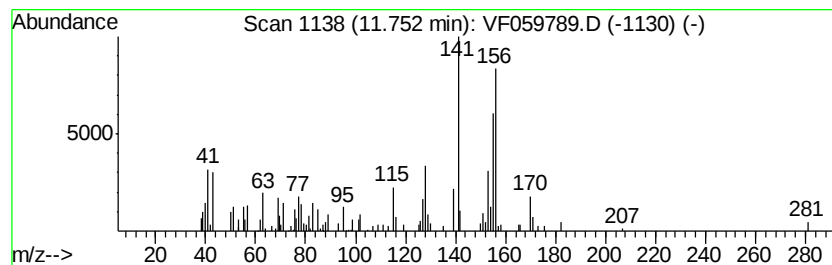
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	14.44 ug/l	228059	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 68
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 62
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 58
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 58
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 53



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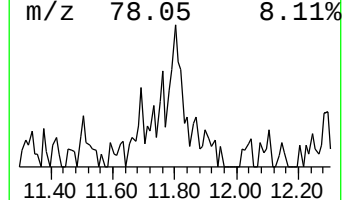
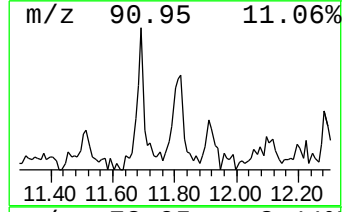
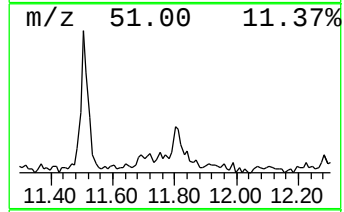
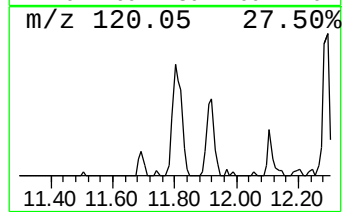
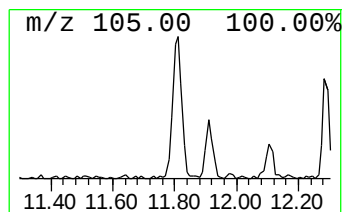
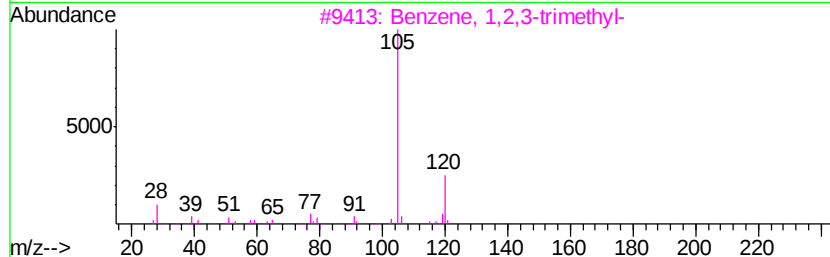
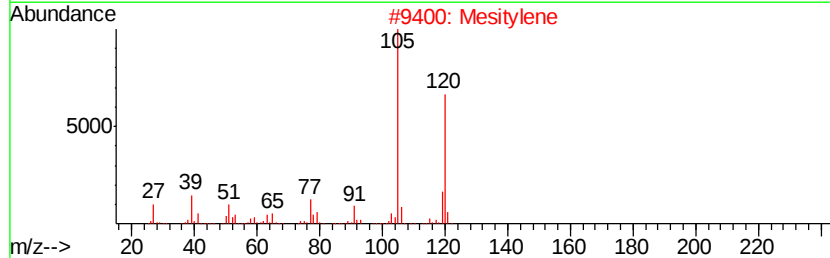
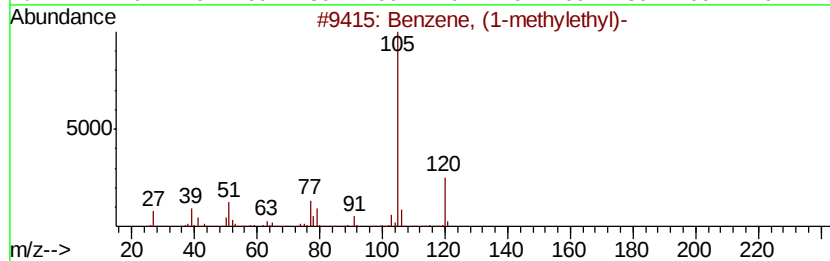
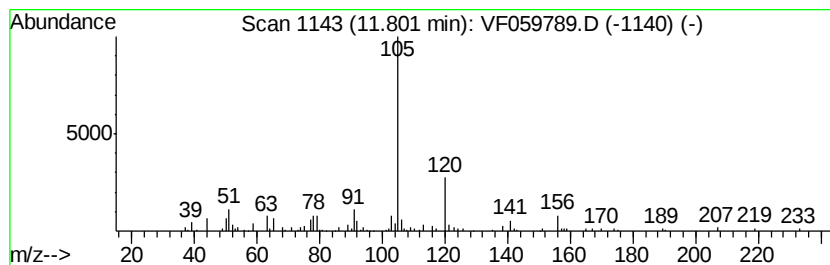
Instrument :
MSVOA_F
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	15.52 ug/l	245184	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (1-methylethyl)-	120 C9H12	000098-82-8 62
2		Mesitylene	120 C9H12	000108-67-8 53
3		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 53
4		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 52
5		Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8 52



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ALS Vial : 100 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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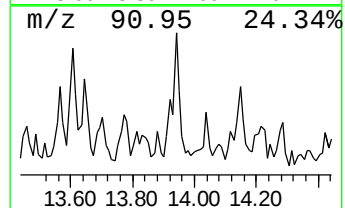
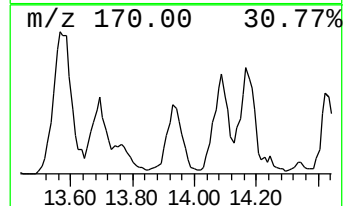
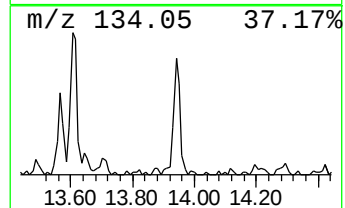
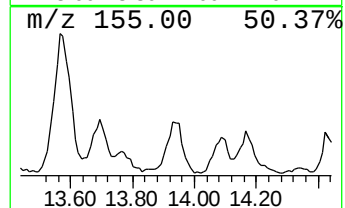
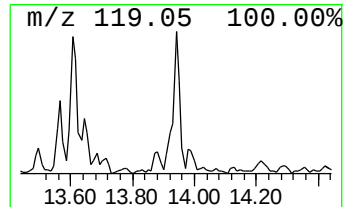
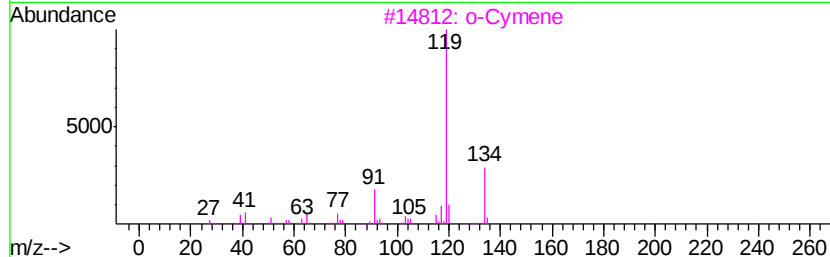
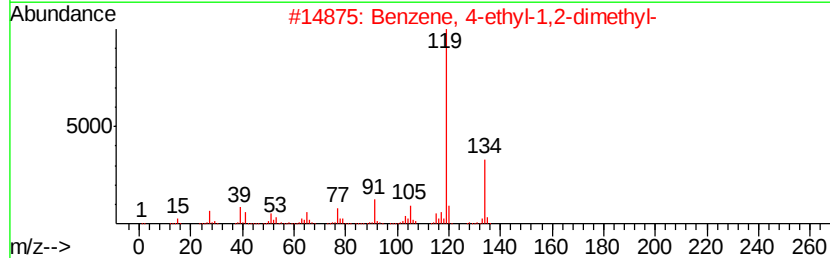
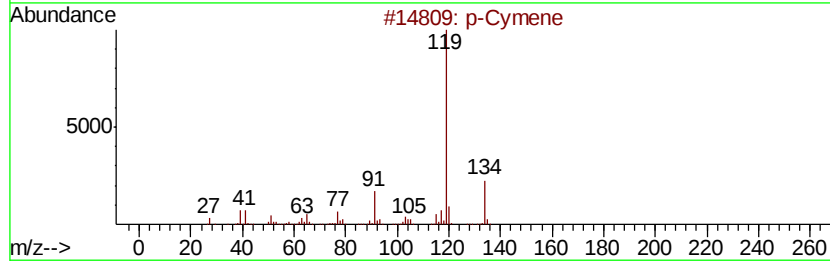
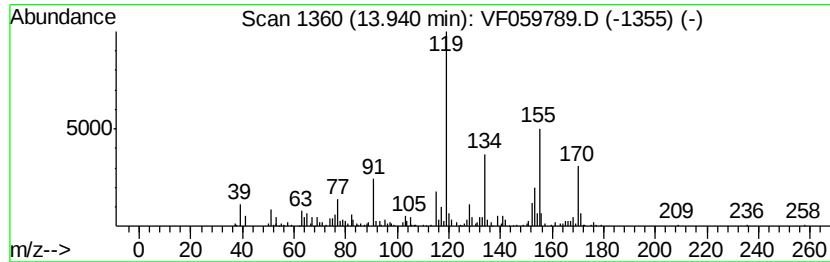
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Quant Title : SW846 8260

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

Peak Number 4 p-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	15.61 ug/l	246593	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	50
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
3		o-Cymene	134	C10H14	000527-84-4	50
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50



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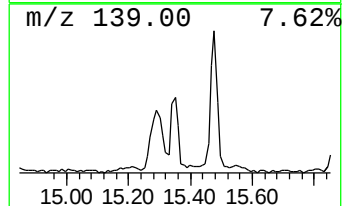
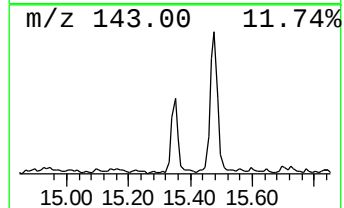
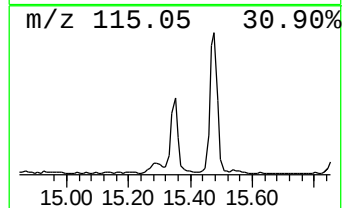
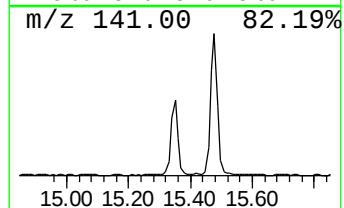
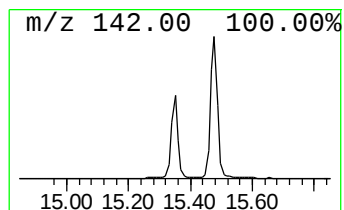
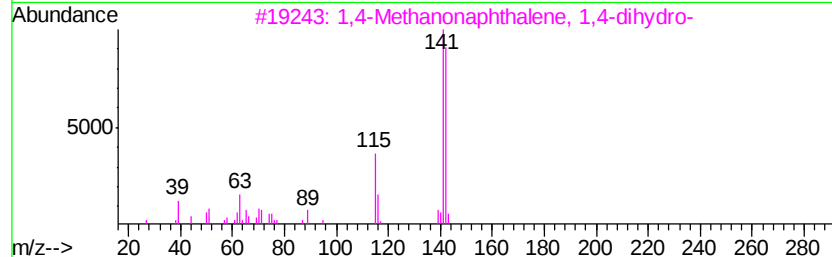
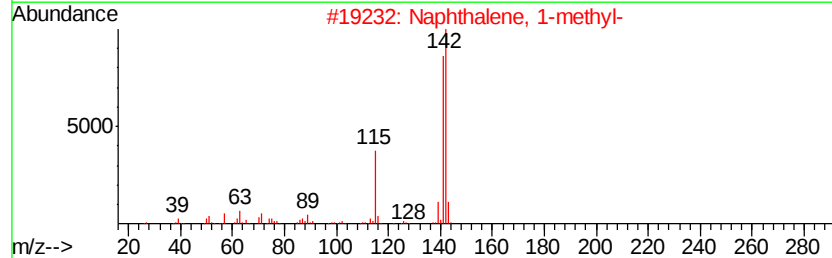
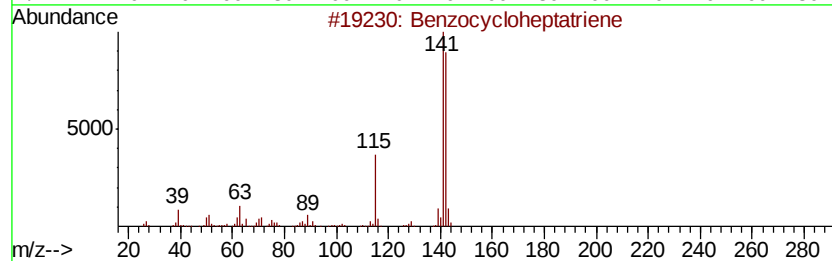
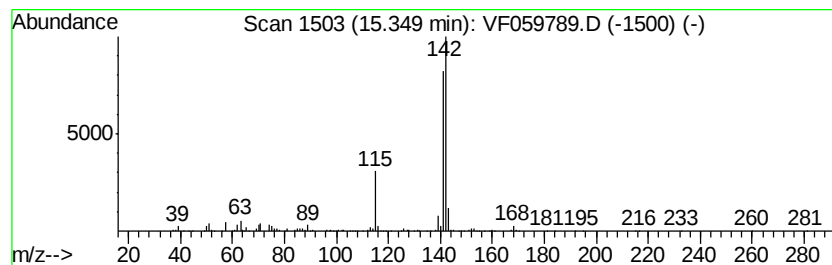
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 7 Benzocycloheptatriene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	21.41 ug/l	338156	1,4-Dichlorobenzene-d4	12.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzocycloheptatriene	142	C11H10	000264-09-5	91
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
3		1,4-Methanonaphthalene, 1,4-dihydro-	142	C11H10	004453-90-1	86
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	86
5		3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	64



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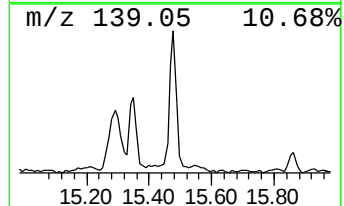
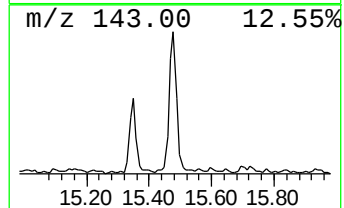
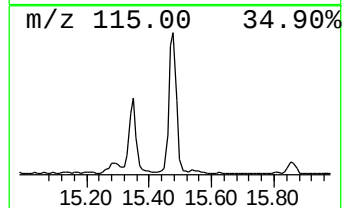
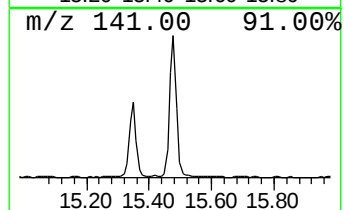
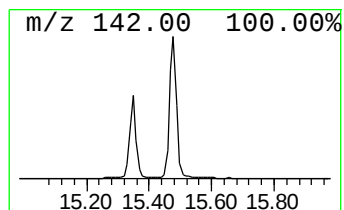
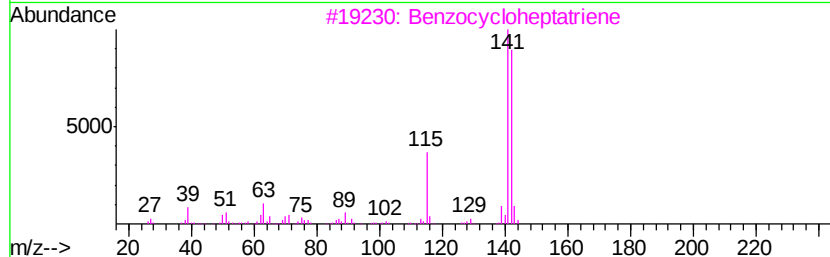
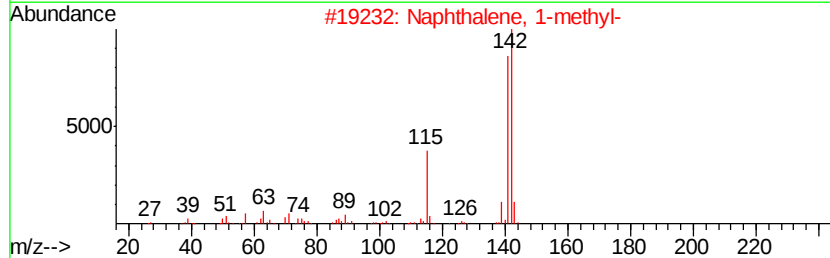
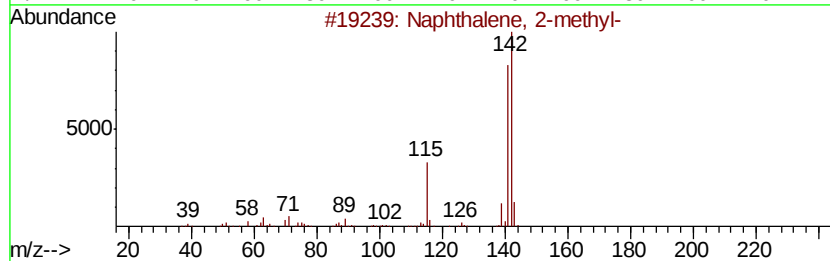
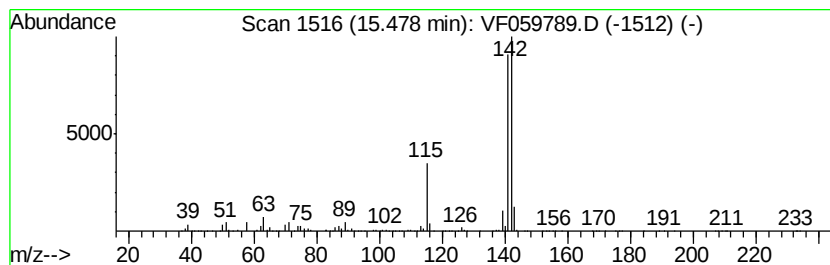
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	44.10 ug/l	696414	1,4-Dichlorobenzene-d4	12.63

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		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87



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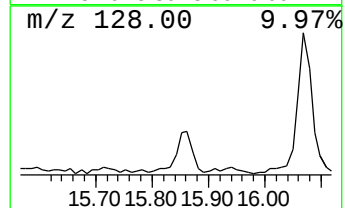
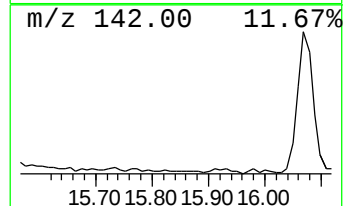
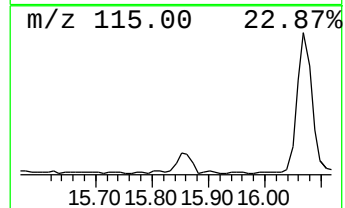
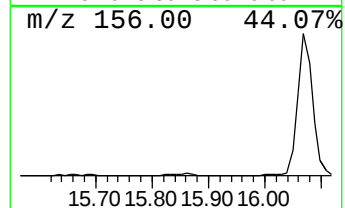
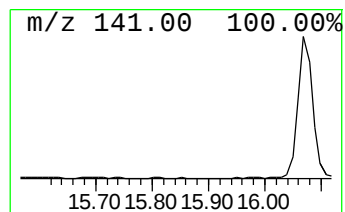
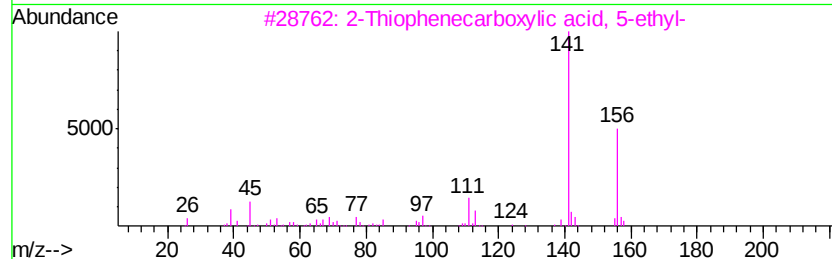
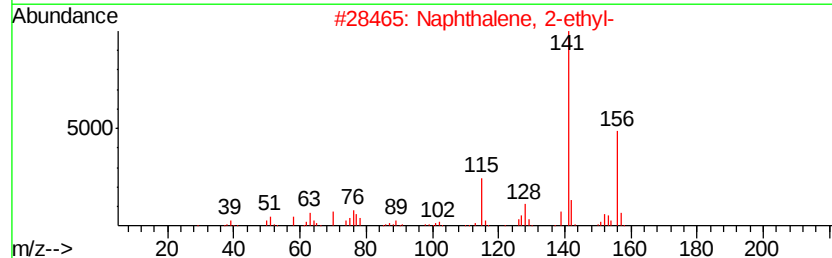
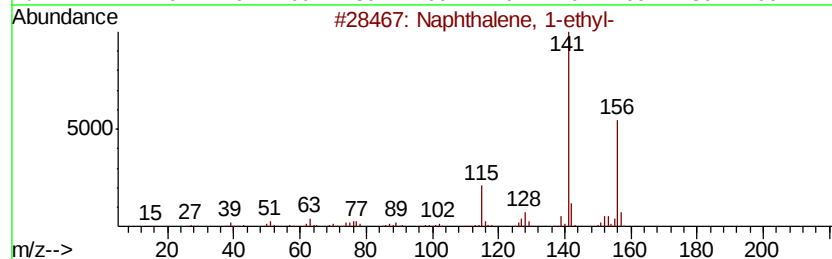
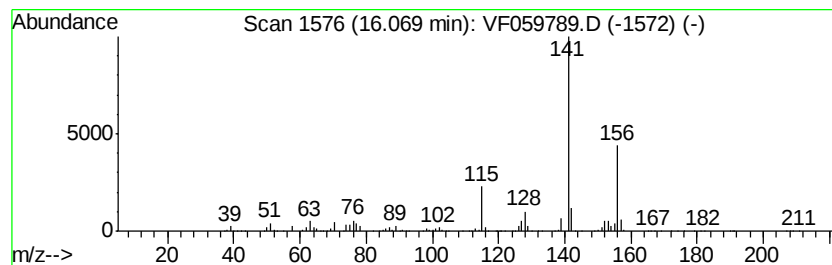
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	33.62 ug/l	531035	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3		2-Thiophenecarboxylic acid, 5-ethyl-	156	C7H8O2S	023229-72-3	59
4		5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53
5		1-Ethanone, 1-[4-(1-naphthalenyl)-]	276	C19H16O2	1000338-30-5	47



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080118\
Data File : VF059789.D
Acq On : 2 Aug 2018 9:19
Operator : VA/AP
Sample : J4231-05
Misc : 5.03g/5mL/MSVOA_F/SOIL
ALS Vial : 100 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

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
Naphthalene, 2,7-...	11.75	14.4	ug/l	228059	4	12.63	789661	50.0
Benzene, (1-methy...	11.80	15.5	ug/l	245184	4	12.63	789661	50.0
p-Cymene	13.94	15.6	ug/l	246593	4	12.63	789661	50.0
Benzocycloheptatr...	15.35	21.4	ug/l	338156	4	12.63	789661	50.0
Naphthalene, 2-me...	15.48	44.1	ug/l	696414	4	12.63	789661	50.0
Naphthalene, 1-et...	16.07	33.6	ug/l	531035	4	12.63	789661	50.0