

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032819\
 Data File : VX008520.D
 Acq On : 28 Mar 2019 15:27
 Operator : JC/SP
 Sample : K2115-03 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

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_X\METHOD\82X032519W.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	1.319	18	27	40	rBV	83971	350639	8.22%	1.873%
2	5.501	701	713	723	rBV	134834	390632	9.15%	2.086%
3	5.665	728	740	759	rVB	240412	695539	16.30%	3.714%
4	6.062	794	805	811	rBV	175440	454266	10.65%	2.426%
5	6.141	811	818	834	rVB	672439	1778838	41.69%	9.500%
6	6.860	925	936	953	rBV	397966	942962	22.10%	5.036%
7	8.714	1231	1240	1246	rBV	849769	1307158	30.63%	6.981%
8	8.781	1246	1251	1266	rVB	253550	423728	9.93%	2.263%
9	10.110	1463	1469	1485	rBV	767481	1071629	25.11%	5.723%
10	10.250	1485	1492	1502	rBV	436186	571489	13.39%	3.052%
11	10.360	1502	1510	1523	rVB	492908	703277	16.48%	3.756%
12	10.695	1561	1565	1578	rVB	405575	541143	12.68%	2.890%
13	11.134	1631	1637	1650	rBV	634038	809713	18.98%	4.324%
14	11.433	1679	1686	1693	rBV	54522	104216	2.44%	0.557%
15	11.506	1693	1698	1703	rVB	52834	66815	1.57%	0.357%
16	11.804	1741	1747	1754	rBV	167181	203920	4.78%	1.089%
17	12.012	1773	1781	1786	rBV	702660	876082	20.53%	4.679%
18	12.079	1786	1792	1798	rVV	752344	960833	22.52%	5.131%
19	12.140	1798	1802	1807	rVV	46168	55849	1.31%	0.298%
20	12.298	1821	1828	1836	rBV	596865	735316	17.23%	3.927%
21	12.469	1850	1856	1862	rBV	359298	444668	10.42%	2.375%
22	12.938	1929	1933	1937	rBV	68250	81594	1.91%	0.436%
23	13.018	1941	1946	1951	rBV	151501	232205	5.44%	1.240%
24	13.347	1991	2000	2004	rBV2	33588	47635	1.12%	0.254%
25	13.835	2069	2080	2088	rBV	3363327	4267061	100.00%	22.788%
26	13.926	2090	2095	2101	rVB	205495	265065	6.21%	1.416%
27	14.694	2217	2221	2229	rVB	94181	121091	2.84%	0.647%
28	14.834	2239	2244	2252	rVB	134590	179091	4.20%	0.956%
29	16.413	2495	2503	2511	rBV2	22201	42959	1.01%	0.229%

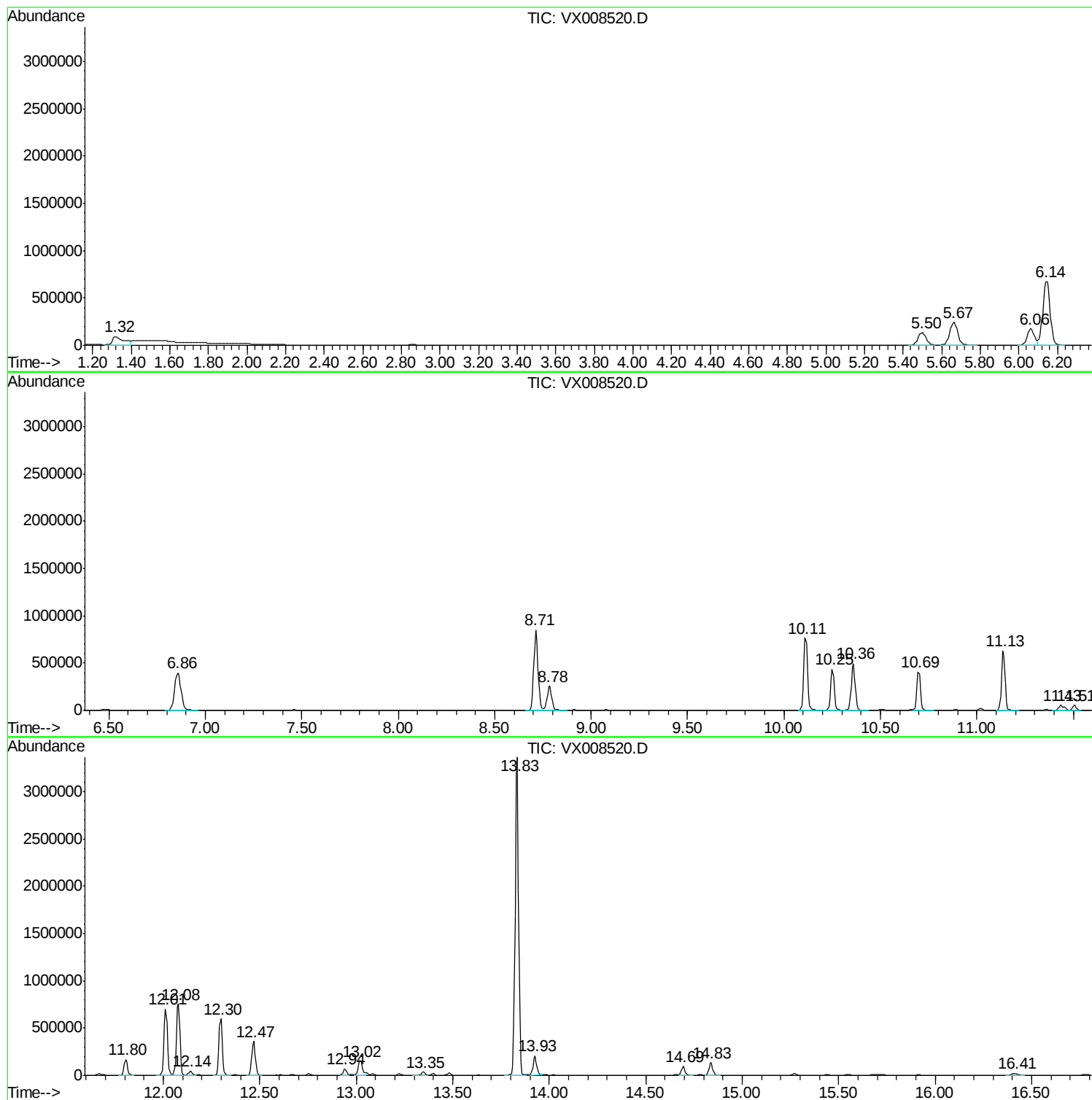
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
QNWP8-MW26S-GW

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260

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



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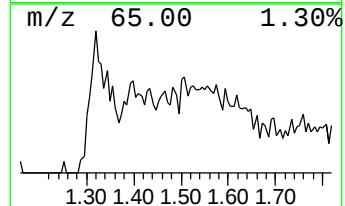
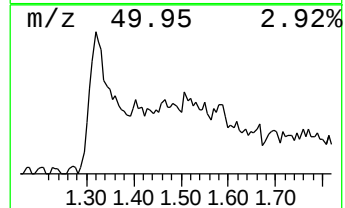
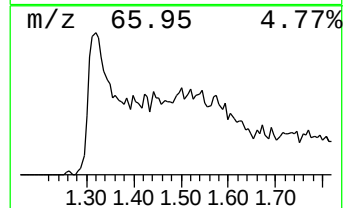
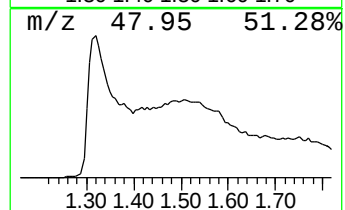
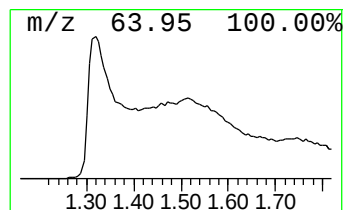
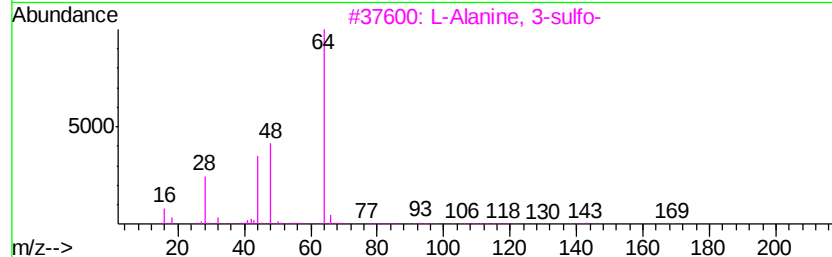
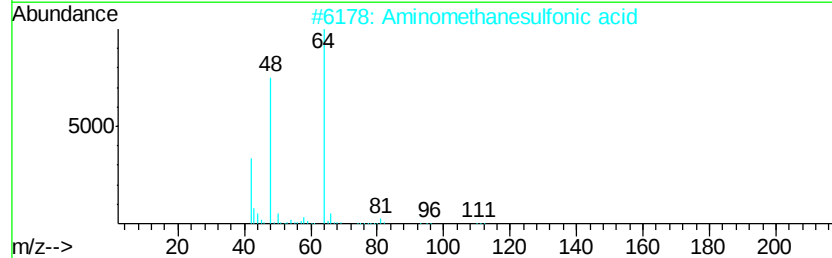
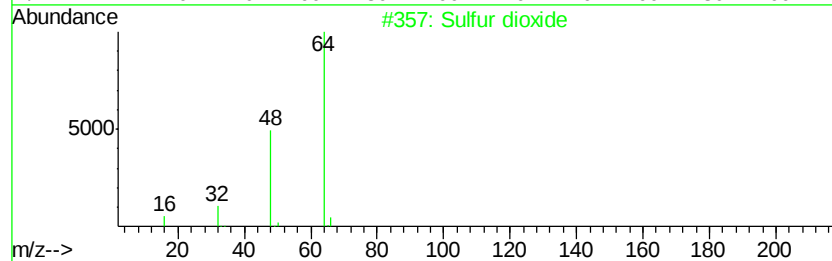
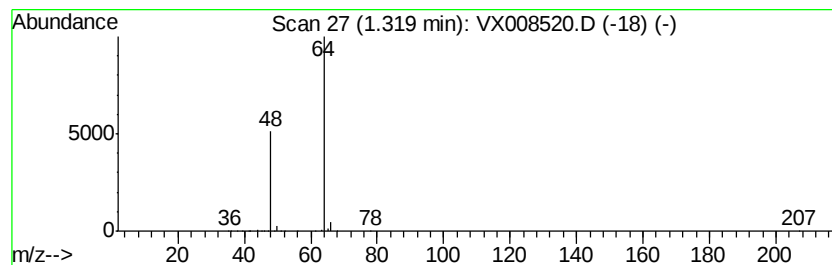
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260

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

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.32	25.21 ug/l	350639	Pentafluorobenzene	5.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfur dioxide	64 O2S	007446-09-5 90
2		Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9 64
3		L-Alanine, 3-sulfo-	169 C3H7NO5S	000498-40-8 9
4		Ethene, 1,1-difluoro-	64 C2H2F2	000075-38-7 5
5		Ethyl Chloride	64 C2H5Cl	000075-00-3 3



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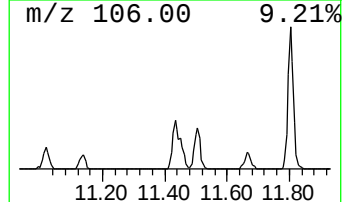
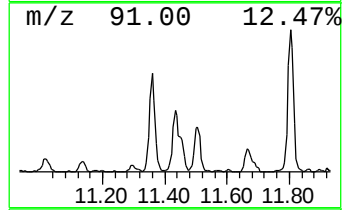
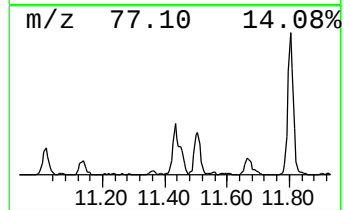
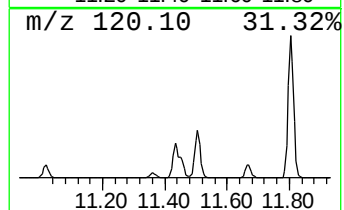
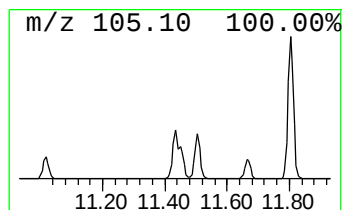
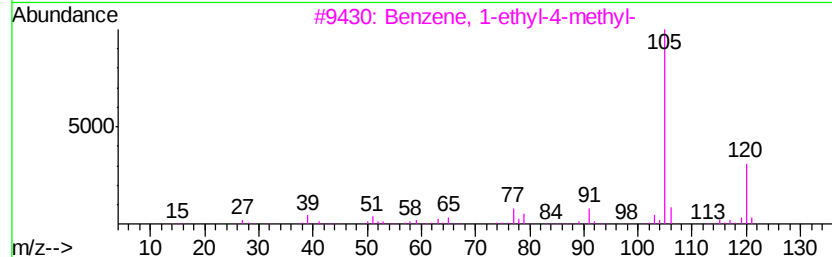
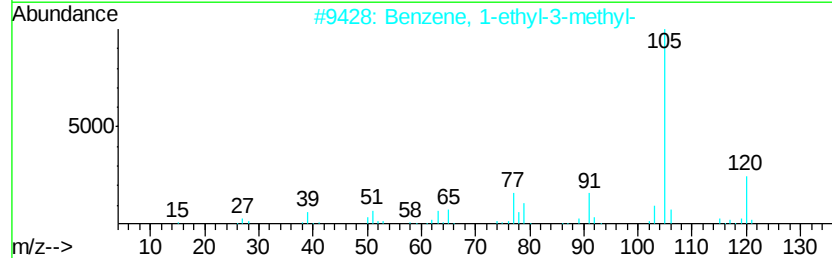
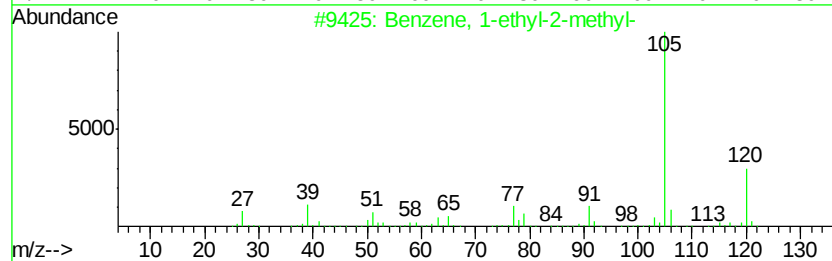
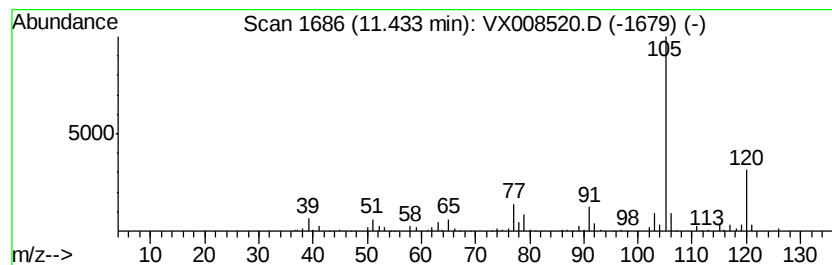
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Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	5.42 ug/l	104216	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Mesitylene	120	C9H12	000108-67-8	91



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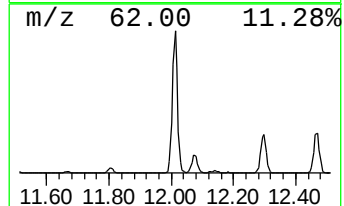
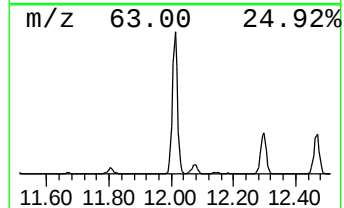
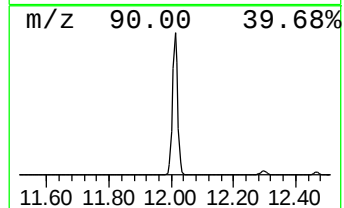
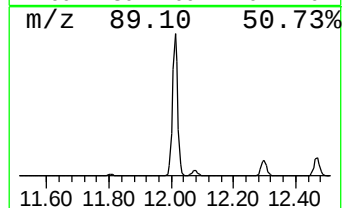
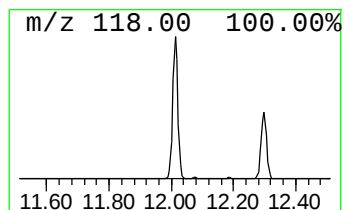
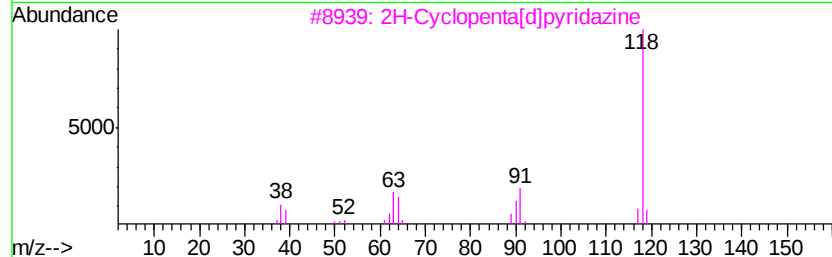
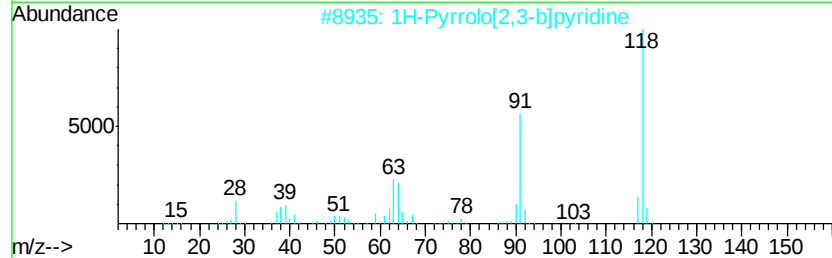
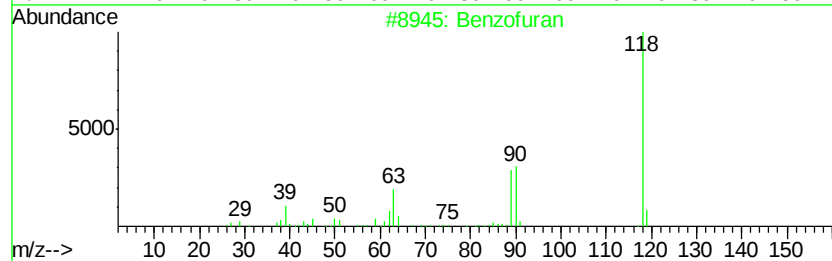
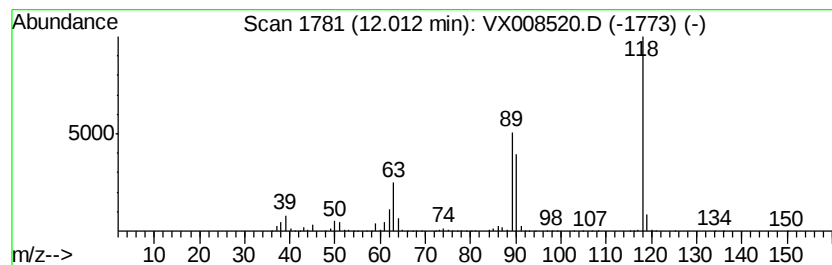
Instrument :
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ClientSampleId :
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Quant Title : SW846 8260

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

Peak Number 3 Benzofuran Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.01	45.59 ug/l	876082	1,4-Dichlorobenzene-d4	12.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	94
2	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	50
3	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	42
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	40
5	Benzonitrile, 2-amino-	118	C7H6N2	001885-29-6	30



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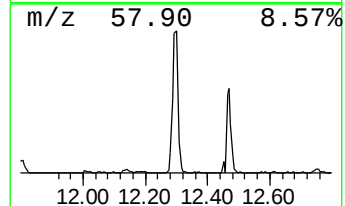
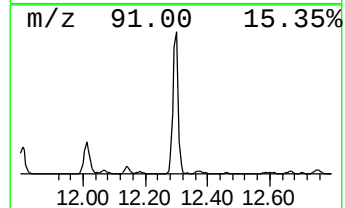
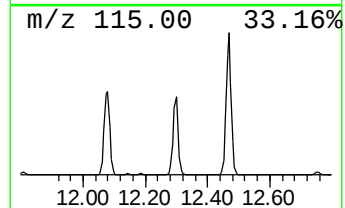
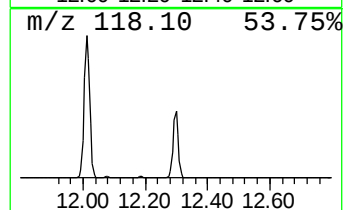
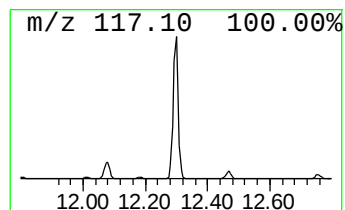
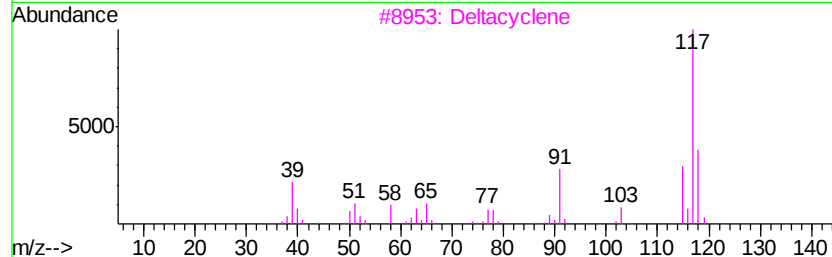
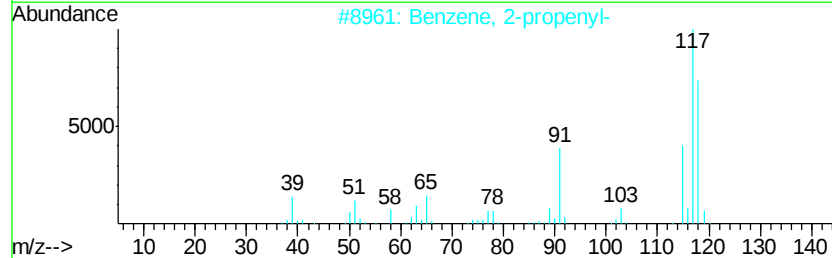
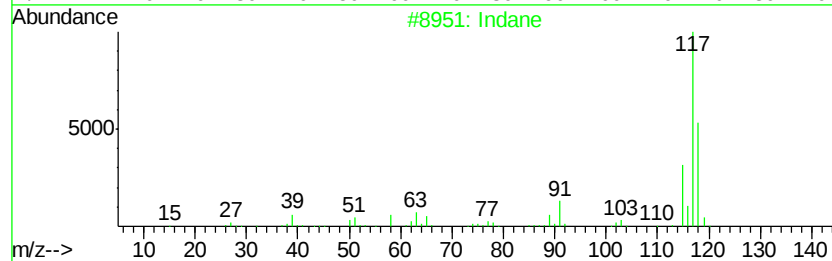
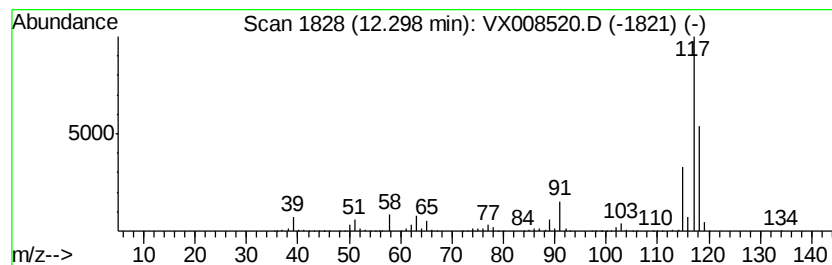
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Peak Number 4 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	38.26 ug/l	735316	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indane		118 C9H10	000496-11-7 93
2	Benzene, 2-propenyl-		118 C9H10	000300-57-2 74
3	Deltacyclene		118 C9H10	007785-10-6 72
4	Benzene, cyclopropyl-		118 C9H10	000873-49-4 68
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...		118 C9H10	1000191-13-7 64



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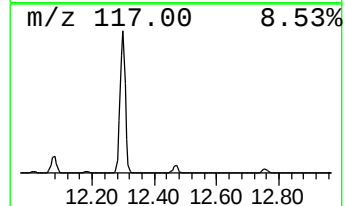
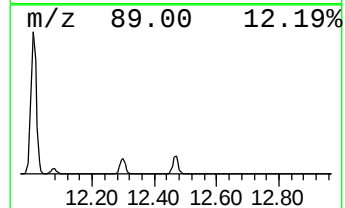
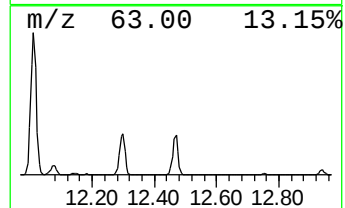
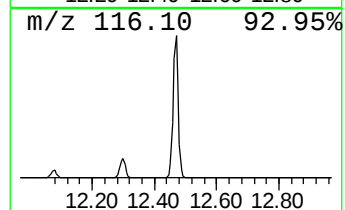
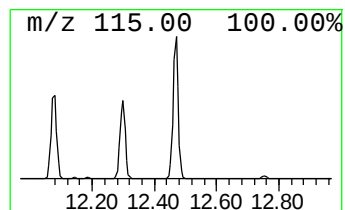
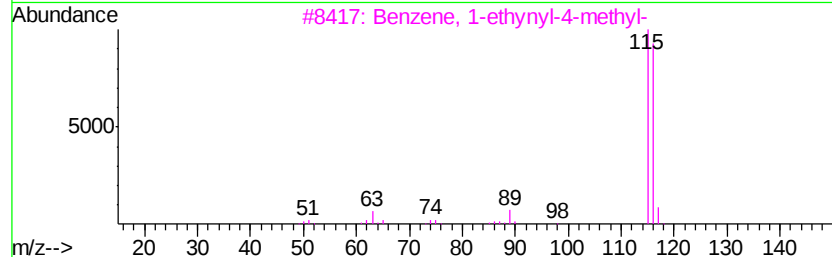
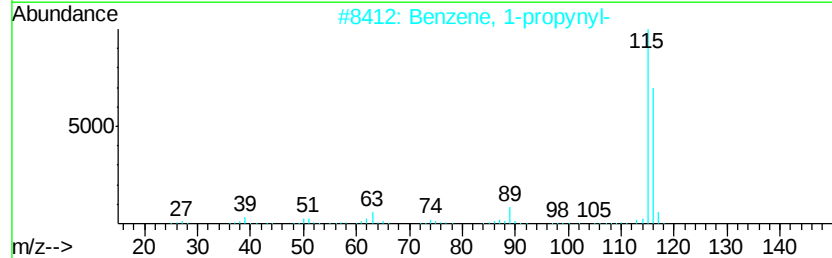
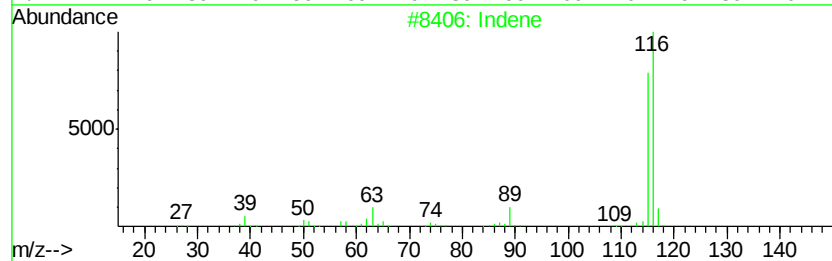
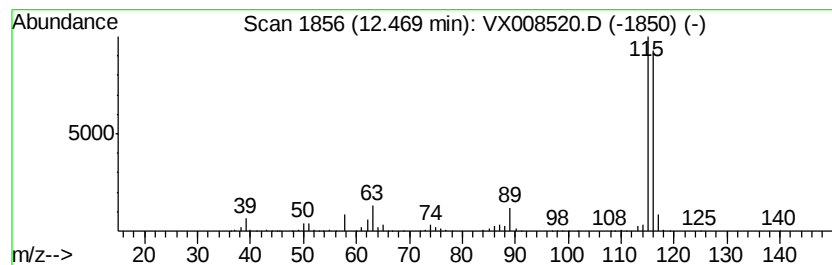
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Quant Title : SW846 8260

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

Peak Number 5 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	23.14 ug/l	444668	1,4-Dichlorobenzene-d4	12.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-		116	C9H8	000673-32-5	94
3	Benzene, 1-ethynyl-4-methyl-		116	C9H8	000766-97-2	91
4	Benzene, 1,2-propadienyl-		116	C9H8	002327-99-3	91
5	3-Methylphenylacetylene		116	C9H8	000766-82-5	91



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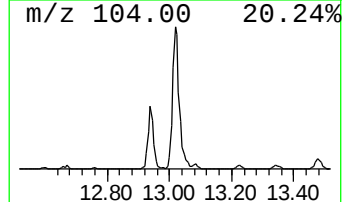
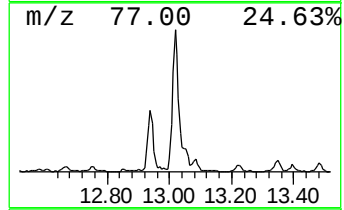
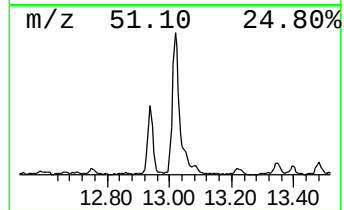
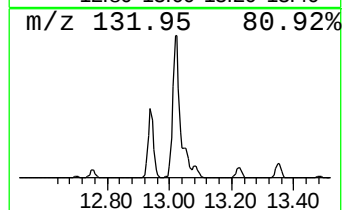
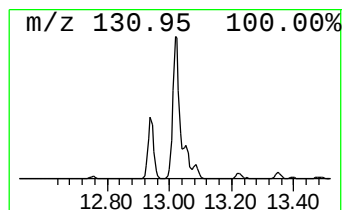
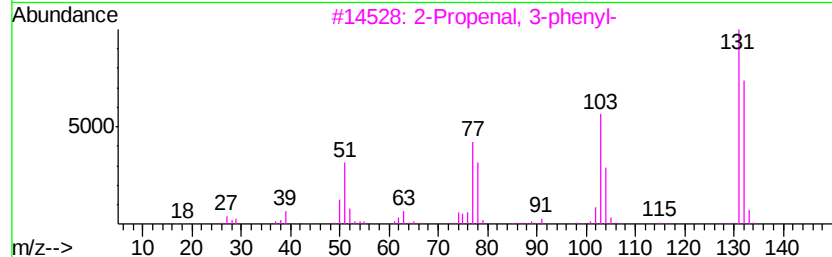
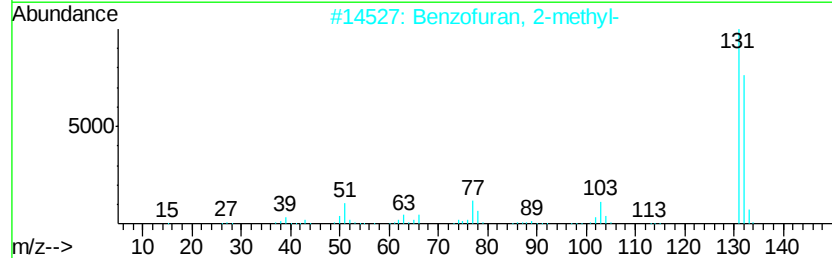
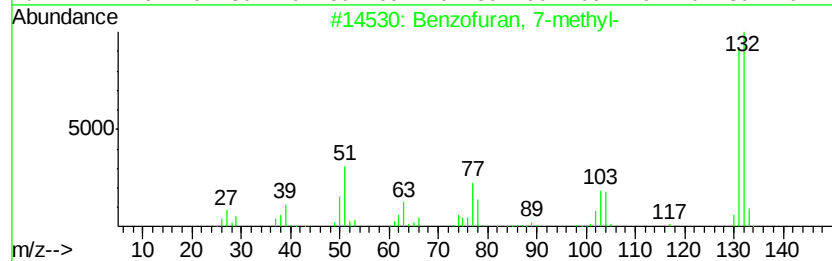
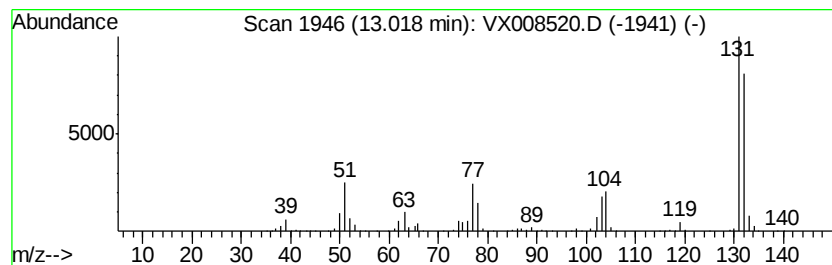
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260

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

 Peak Number 6 Benzofuran, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	12.08 ug/l	232205	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzofuran, 7-methyl-	132 C9H8O	017059-52-8 94
2		Benzofuran, 2-methyl-	132 C9H8O	004265-25-2 93
3		2-Propenal, 3-phenyl-	132 C9H8O	000104-55-2 91
4		Benzene, (2-propynyl-ox)-	132 C9H8O	013610-02-1 90
5		3-Phenyl-2-propyn-1-ol	132 C9H8O	001504-58-1 90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032819\
Data File : VX008520.D
Acq On : 28 Mar 2019 15:27
Operator : JC/SP
Sample : K2115-03 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

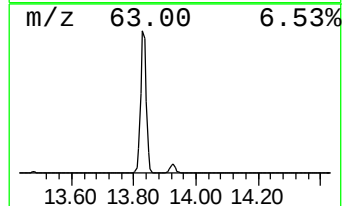
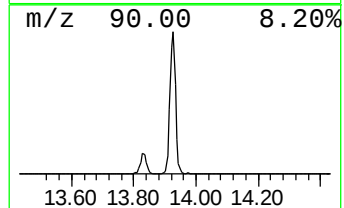
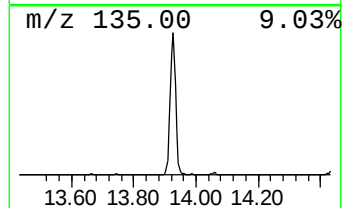
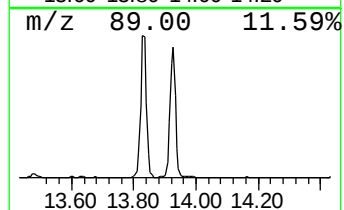
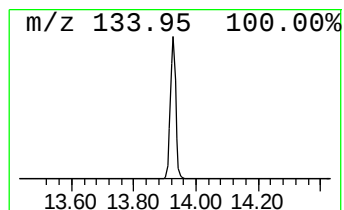
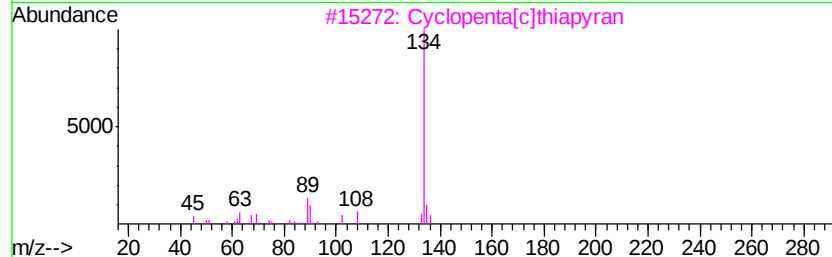
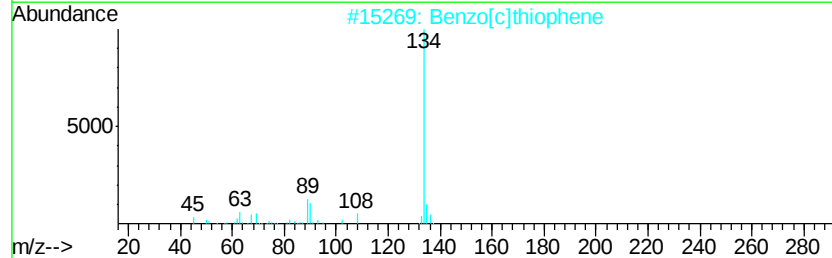
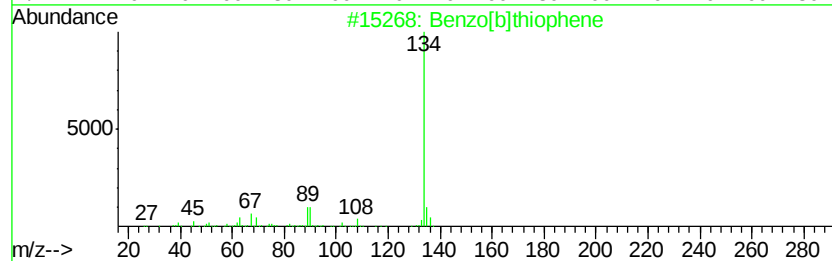
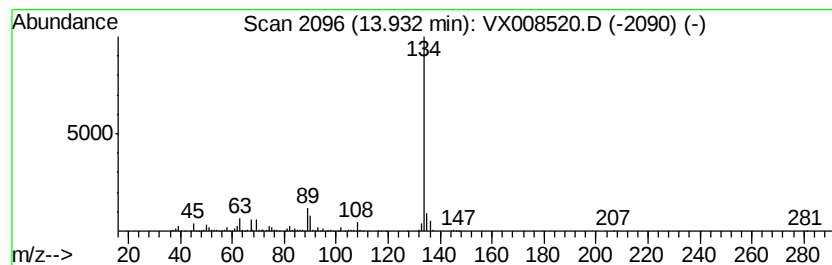
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260

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

Peak Number 7 Benzo[b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	13.79 ug/l	265065	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
2		Benzo[c]thiophene	134	C8H6S	000270-82-6	97
3		Cyclopenta[c]thiopyran	134	C8H6S	000270-63-3	94
4		[1]Benzo[thieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	64
5		2H-Benzimidazol-2-one, 1,3-dihydro-	134	C7H6N2O	000615-16-7	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032819\
Data File : VX008520.D
Acq On : 28 Mar 2019 15:27
Operator : JC/SP
Sample : K2115-03 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

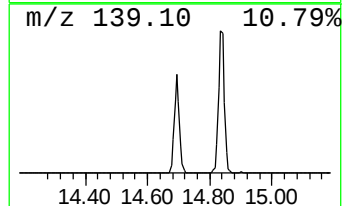
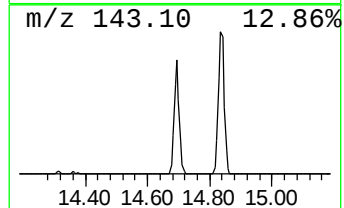
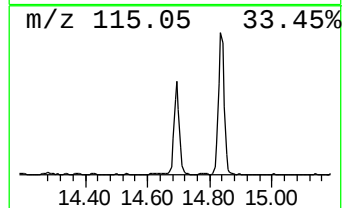
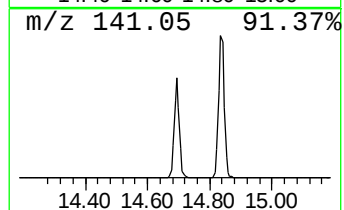
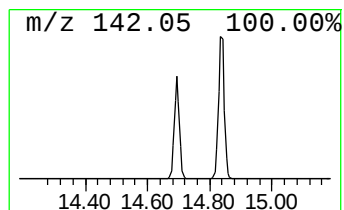
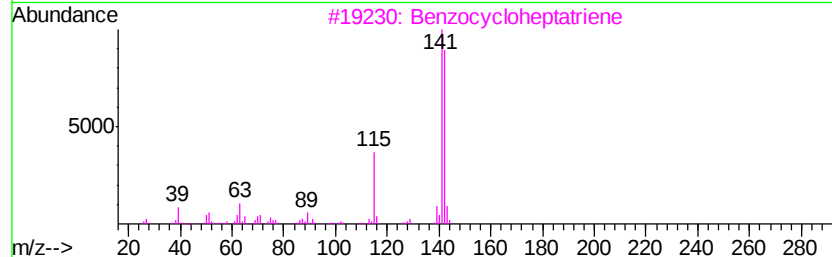
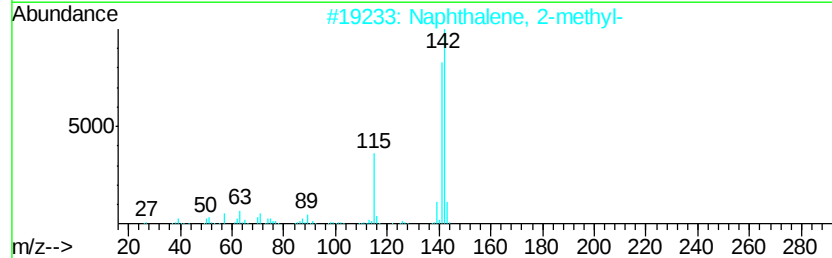
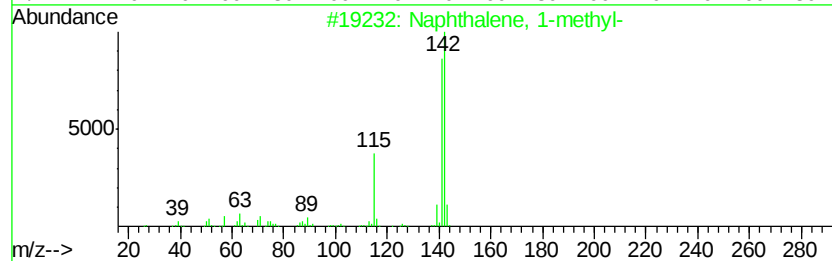
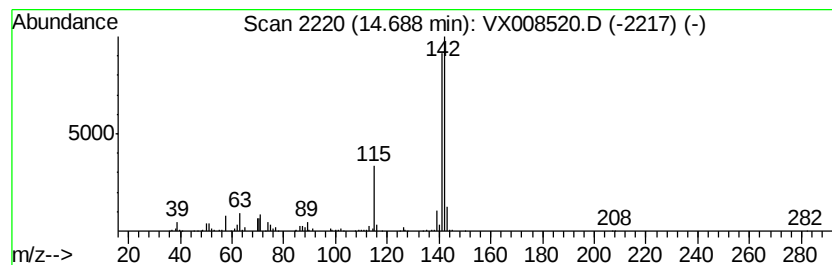
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	6.30 ug/l	121091	1,4-Dichlorobenzene-d4	12.08

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		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX032819\
Data File : VX008520.D
Acq On : 28 Mar 2019 15:27
Operator : JC/SP
Sample : K2115-03 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.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
Sulfur dioxide	1.32	25.2	ug/l	350639	1	5.67	695539	50.0
Benzene, 1-ethyl-...	11.43	5.4	ug/l	104216	4	12.08	960833	50.0
Benzofuran	12.01	45.6	ug/l	876082	4	12.08	960833	50.0
Indane	12.30	38.3	ug/l	735316	4	12.08	960833	50.0
Indene	12.47	23.1	ug/l	444668	4	12.08	960833	50.0
Benzofuran, 7-met...	13.02	12.1	ug/l	232205	4	12.08	960833	50.0
Benzo[b]thiophene	13.93	13.8	ug/l	265065	4	12.08	960833	50.0
Naphthalene, 1-me...	14.69	6.3	ug/l	121091	4	12.08	960833	50.0