

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092519\
 Data File : VX012659.D
 Acq On : 25 Sep 2019 14:29
 Operator : JC/SP
 Sample : K5019-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-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\82X092319W.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	1.070	26	30	40	rBV	1763066	2058310	64.54%	11.057%
2	1.265	58	62	64	rBV	78507	86604	2.72%	0.465%
3	1.314	64	70	80	rVV	169659	583905	18.31%	3.137%
4	3.179	368	376	387	rVB	17726	45842	1.44%	0.246%
5	5.484	743	754	766	rBV2	104530	301101	9.44%	1.617%
6	5.648	771	781	797	rVB	199594	553056	17.34%	2.971%
7	6.051	834	847	852	rBV	131211	337359	10.58%	1.812%
8	6.130	852	860	878	rVB	1220082	3189154	100.00%	17.131%
9	6.471	906	916	929	rVB3	13192	38682	1.21%	0.208%
10	6.849	968	978	989	rBV	305003	719378	22.56%	3.864%
11	8.709	1276	1283	1291	rBV	620265	944631	29.62%	5.074%
12	10.111	1507	1513	1526	rBV	561994	801415	25.13%	4.305%
13	10.245	1529	1535	1545	rVV	550491	726636	22.78%	3.903%
14	11.013	1655	1661	1673	rVB	147562	189328	5.94%	1.017%
15	11.135	1675	1681	1693	rBV	454288	590306	18.51%	3.171%
16	11.355	1710	1717	1723	rBV	33047	41839	1.31%	0.225%
17	11.666	1763	1768	1778	rBV	33807	56362	1.77%	0.303%
18	11.806	1785	1791	1796	rBV	34135	45324	1.42%	0.243%
19	12.074	1829	1835	1842	rVB	587594	725700	22.76%	3.898%
20	12.294	1863	1871	1879	rBV	784069	967856	30.35%	5.199%
21	12.464	1893	1899	1905	rBV	350013	430677	13.50%	2.313%
22	12.665	1925	1932	1935	rBV	26400	34471	1.08%	0.185%
23	12.751	1942	1946	1953	rVB	143016	176506	5.53%	0.948%
24	12.940	1972	1977	1981	rVV	499256	629516	19.74%	3.382%
25	12.976	1981	1983	1985	rVV	33363	32956	1.03%	0.177%
26	13.019	1985	1990	2004	rVB	592286	1039221	32.59%	5.582%
27	13.342	2038	2043	2047	rVB3	26536	36156	1.13%	0.194%
28	13.397	2047	2052	2059	rVB	57375	73063	2.29%	0.392%
29	13.476	2060	2065	2071	rBV	85093	118828	3.73%	0.638%
30	13.629	2087	2090	2095	rVB2	22917	32166	1.01%	0.173%
31	13.830	2115	2123	2130	rBV	408086	687634	21.56%	3.694%
32	13.921	2130	2138	2145	rVV2	233701	391173	12.27%	2.101%
33	14.019	2150	2154	2158	rBV	28879	32542	1.02%	0.175%
34	14.153	2166	2176	2187	rBV2	86397	157426	4.94%	0.846%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092519\
Data File : VX012659.D
Acq On : 25 Sep 2019 14:29
Operator : JC/SP
Sample : K5019-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

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_X\METHOD\82X092319W.M
Title : SW846 8260

35	14.433	2217	2222	2228	rBV2	59339	97600	3.06%	0.524%
36	14.653	2255	2258	2263	rVB	60603	75519	2.37%	0.406%
37	14.836	2283	2288	2297	rVB	720621	923437	28.96%	4.960%
38	15.269	2348	2359	2364	rVB2	23623	39902	1.25%	0.214%
39	15.543	2397	2404	2408	rBV2	41064	66980	2.10%	0.360%
40	15.683	2415	2427	2431	rBV	68657	124437	3.90%	0.668%
41	15.909	2455	2464	2473	rVB2	25235	69210	2.17%	0.372%
42	16.409	2537	2546	2556	rBV	160335	287990	9.03%	1.547%
43	16.774	2597	2606	2608	rBV	32207	55758	1.75%	0.300%

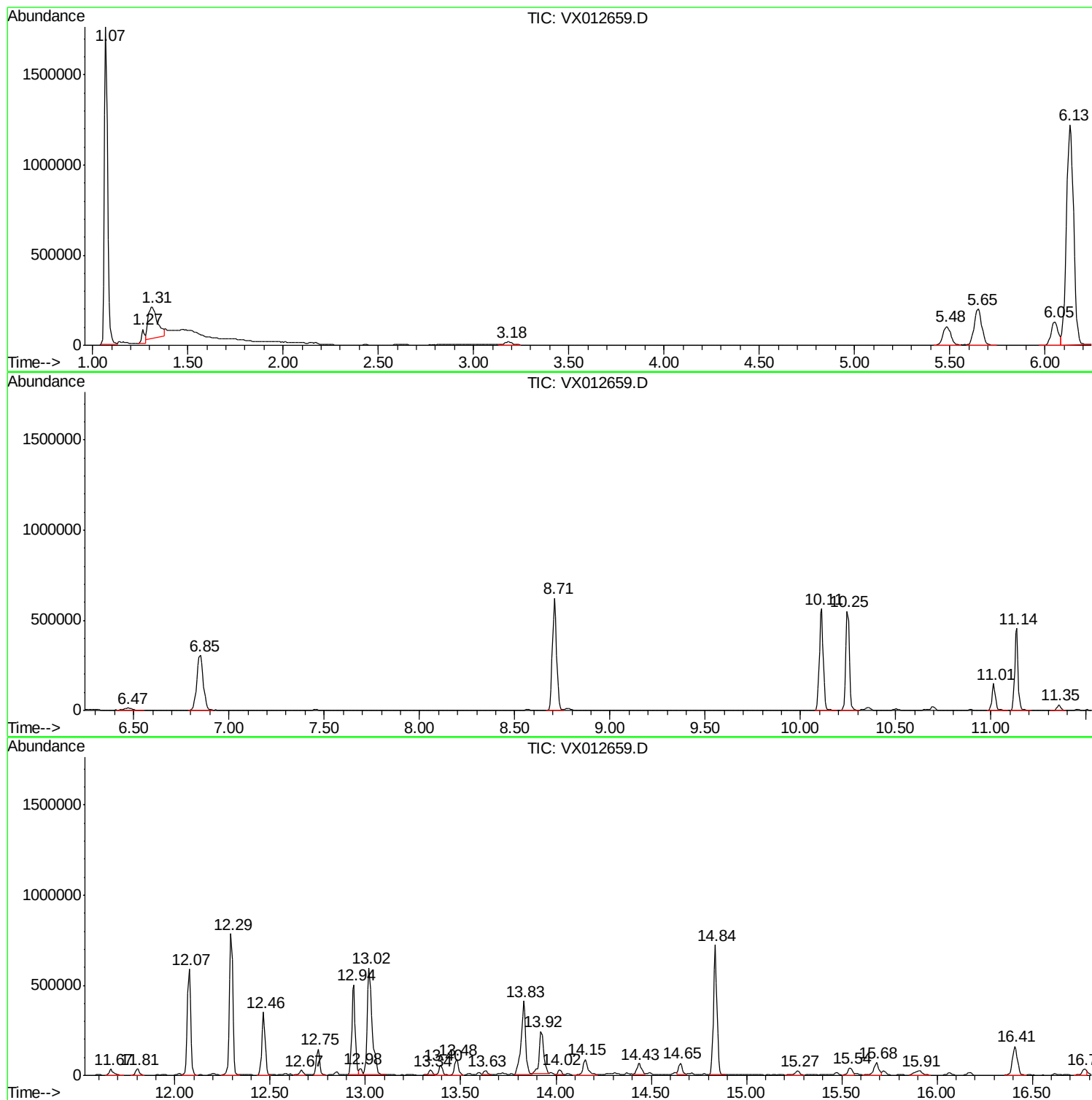
Sum of corrected areas: 18615956

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092519\
Data File : VX012659.D
Acq On : 25 Sep 2019 14:29
Operator : JC/SP
Sample : K5019-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092519\
Data File : VX012659.D
Acq On : 25 Sep 2019 14:29
Operator : JC/SP
Sample : K5019-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

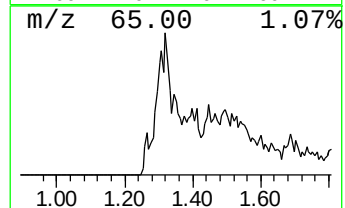
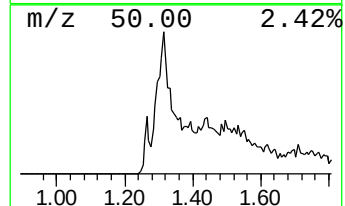
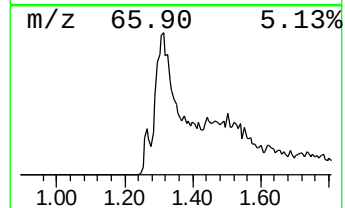
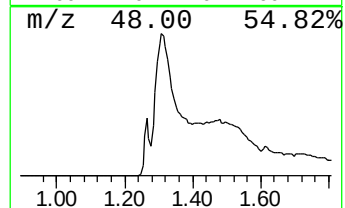
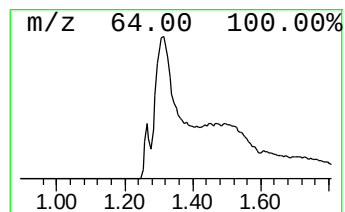
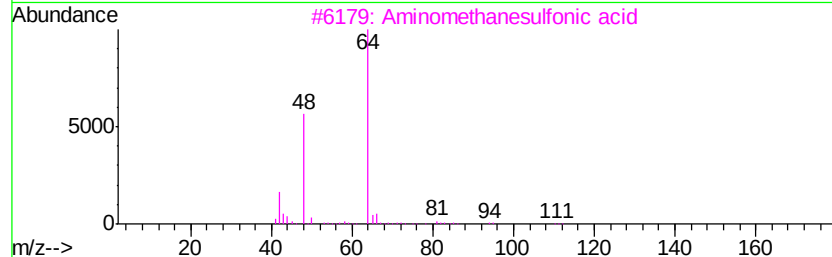
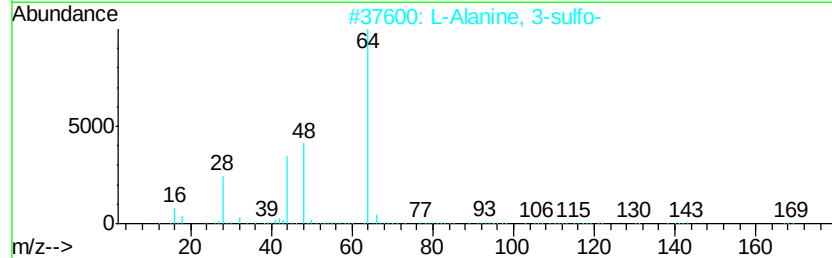
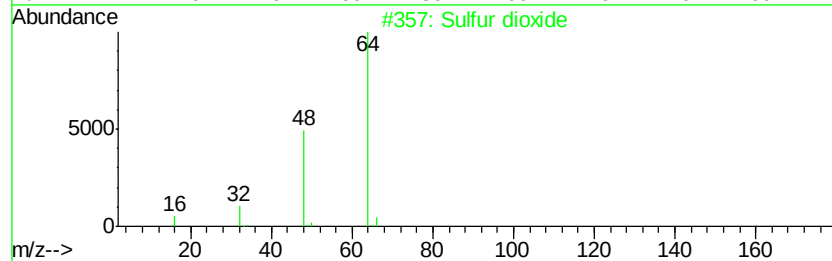
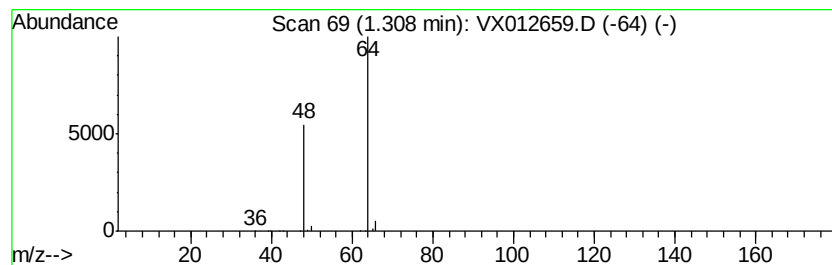
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

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

Peak Number 2 Sulfur dioxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.31	52.79 ug/l	583905	Pentafluorobenzene	5.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfur dioxide	64	O2S	007446-09-5	90
2		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
3		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4		Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5		Ethyl Chloride	64	C2H5Cl	000075-00-3	3



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092519\
Data File : VX012659.D
Acq On : 25 Sep 2019 14:29
Operator : JC/SP
Sample : K5019-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

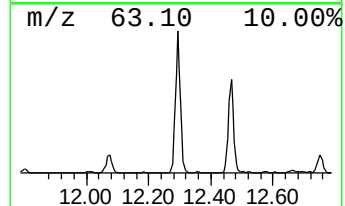
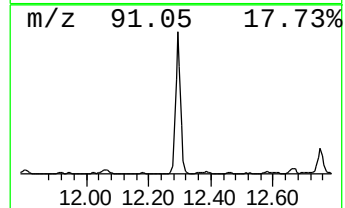
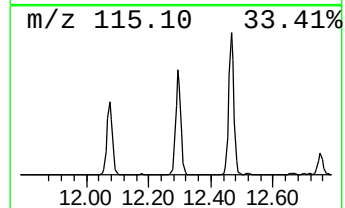
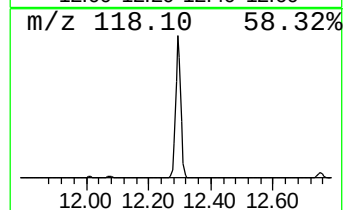
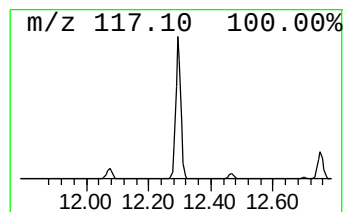
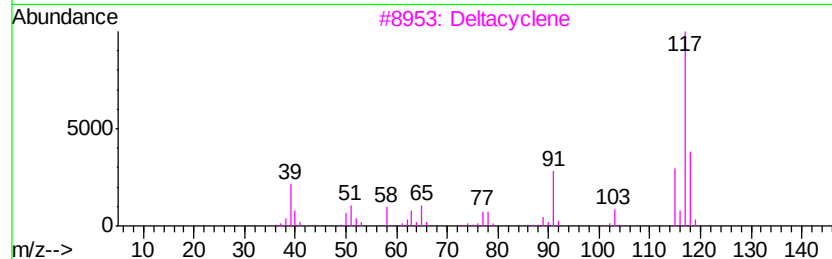
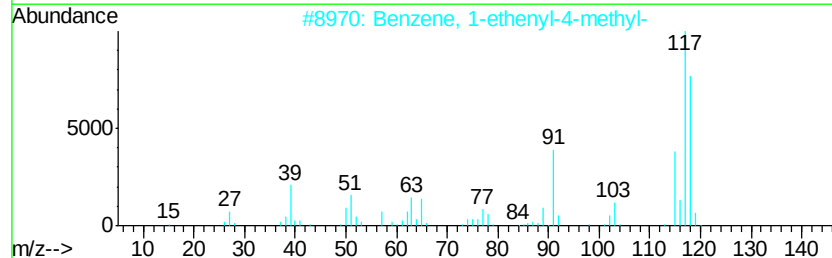
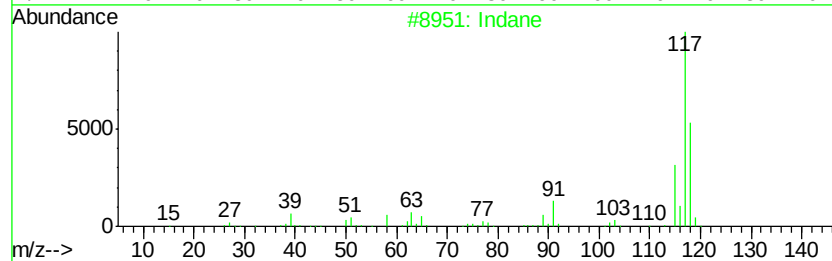
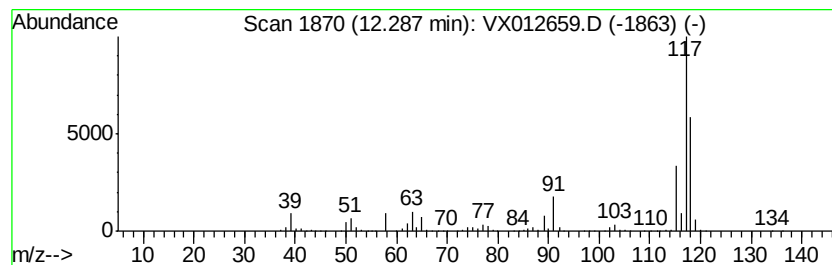
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

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

Peak Number 3 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	66.68 ug/l	967856	1,4-Dichlorobenzene-d4	12.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-4-methyl-		118	C9H10	000622-97-9	83
3	Deltacyclene		118	C9H10	007785-10-6	68
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	64
5	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092519\
Data File : VX012659.D
Acq On : 25 Sep 2019 14:29
Operator : JC/SP
Sample : K5019-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

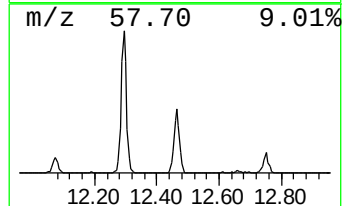
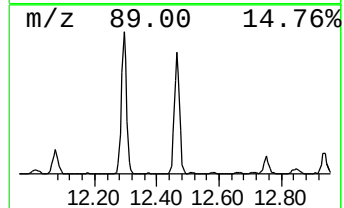
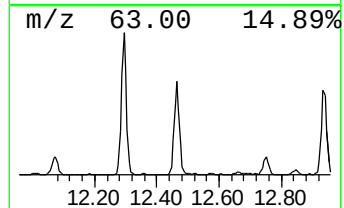
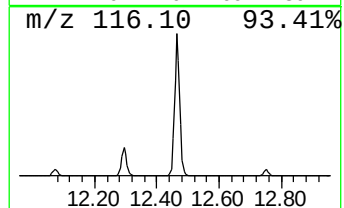
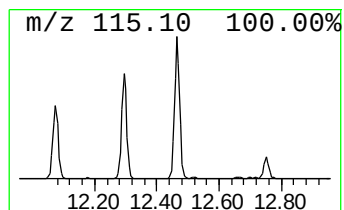
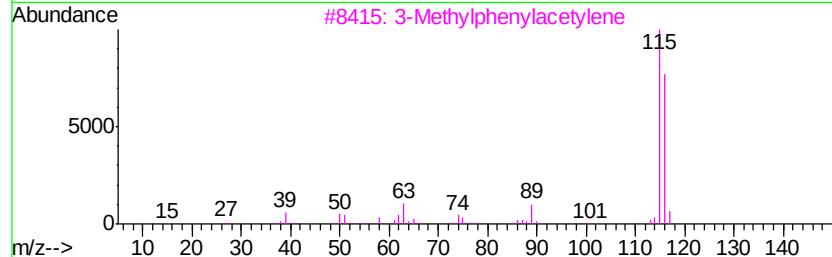
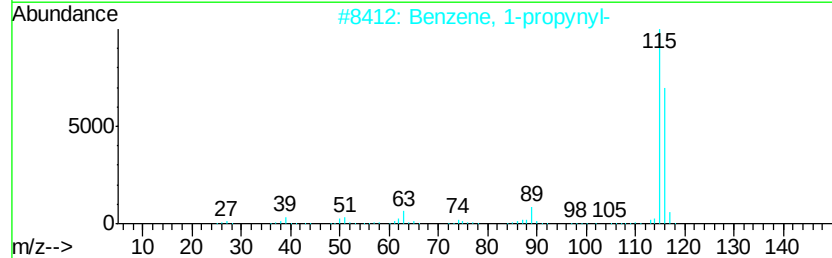
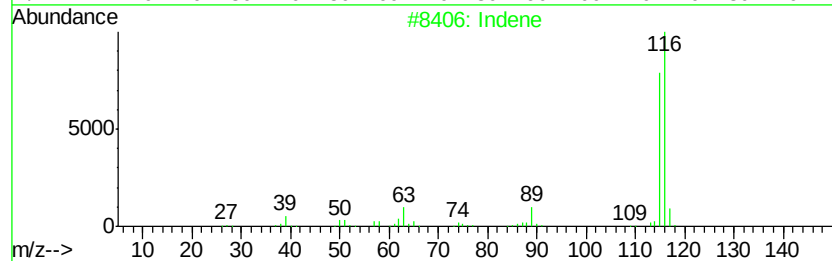
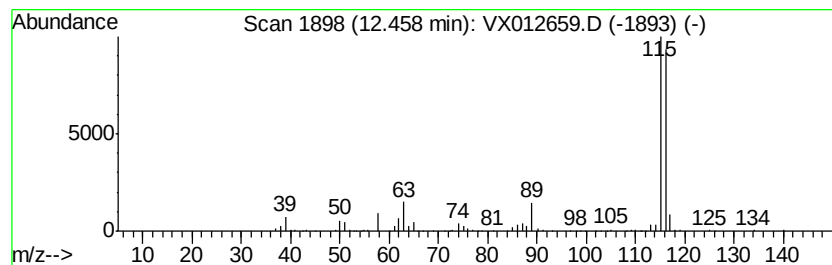
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

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

Peak Number 4 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	29.67 ug/l	430677	1,4-Dichlorobenzene-d4	12.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-		116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene		116	C9H8	000766-82-5	94
4	Benzene, 1,2-propadienyl-		116	C9H8	002327-99-3	91
5	Benzene, 1-ethynyl-4-methyl-		116	C9H8	000766-97-2	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092519\
Data File : VX012659.D
Acq On : 25 Sep 2019 14:29
Operator : JC/SP
Sample : K5019-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

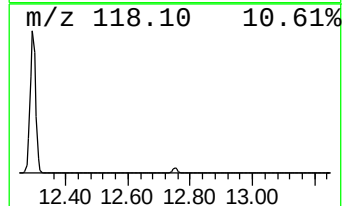
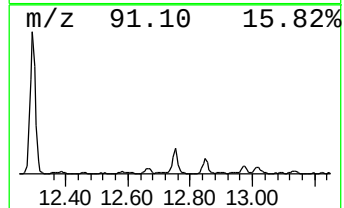
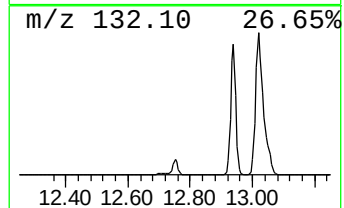
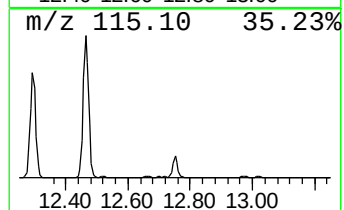
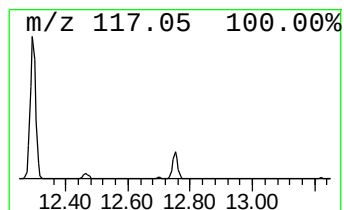
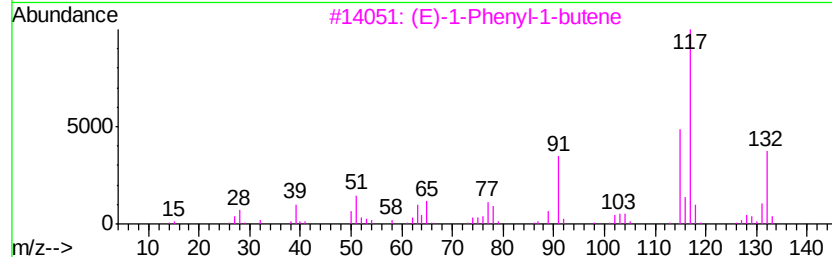
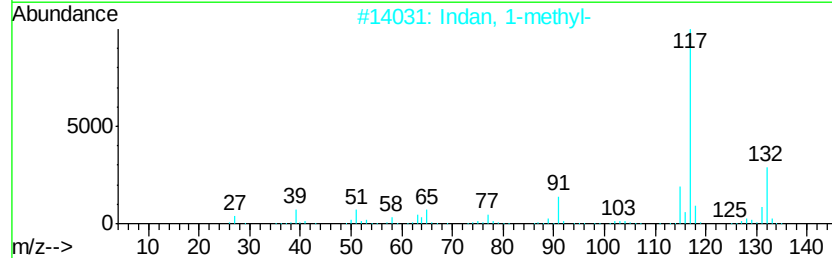
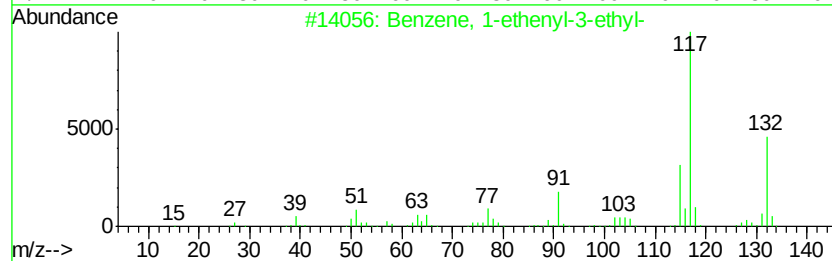
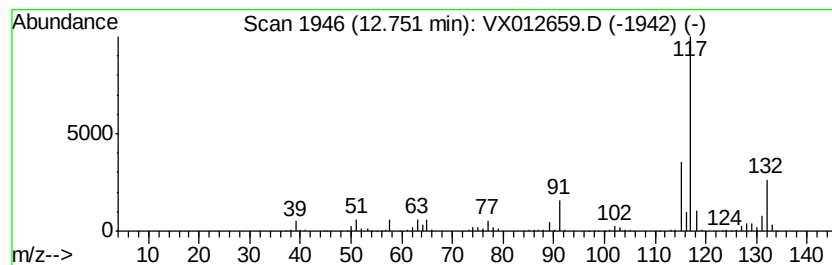
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	12.16 ug/l	176506	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2		Indan, 1-methyl-	132	C10H12	000767-58-8	90
3		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	87
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092519\
Data File : VX012659.D
Acq On : 25 Sep 2019 14:29
Operator : JC/SP
Sample : K5019-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

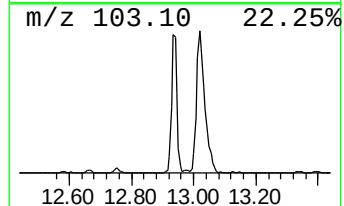
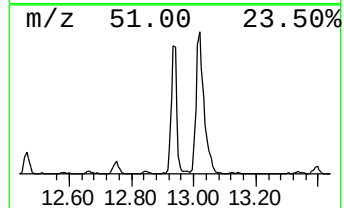
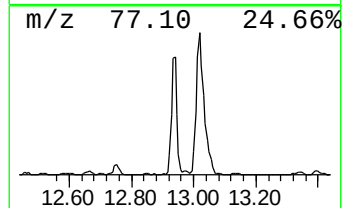
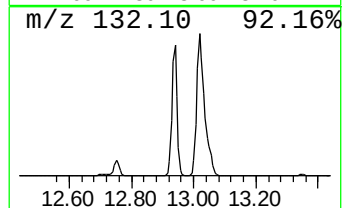
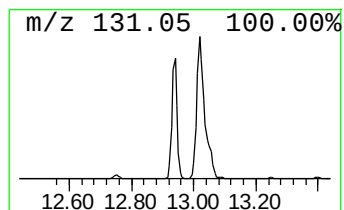
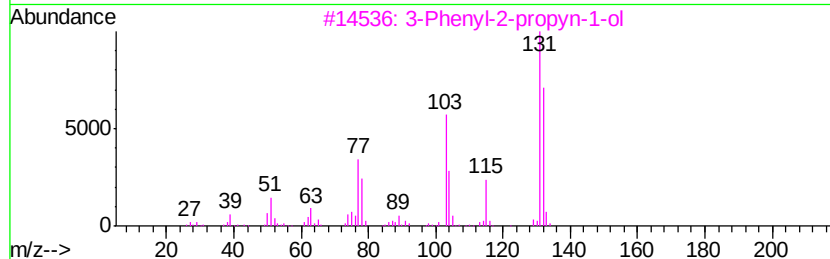
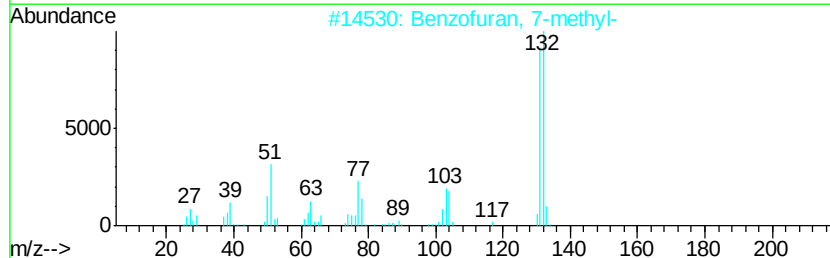
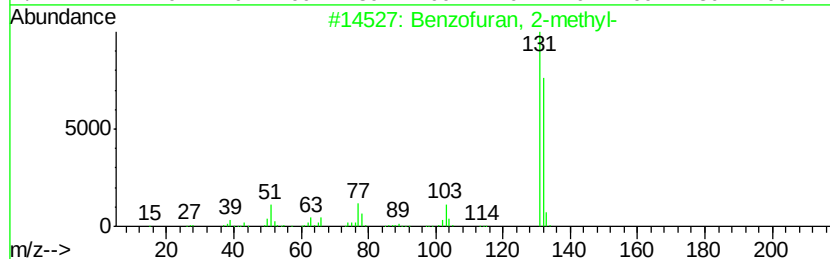
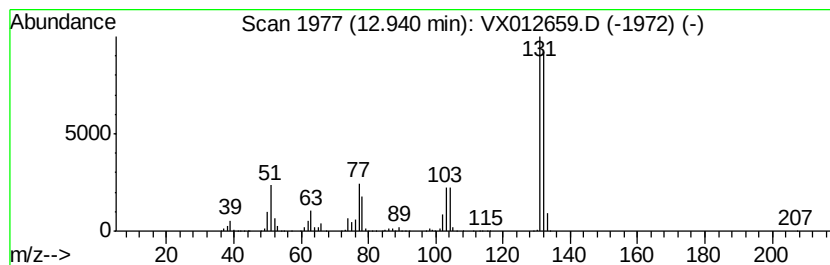
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

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

Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	43.37 ug/l	629516	1,4-Dichlorobenzene-d4	12.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzofuran, 2-methyl-	132 C9H8O	004265-25-2 94
2		Benzofuran, 7-methyl-	132 C9H8O	017059-52-8 94
3		3-Phenyl-2-propyn-1-ol	132 C9H8O	001504-58-1 91
4		Cinnamaldehyde, (E)-	132 C9H8O	014371-10-9 87
5		2-Propenal, 3-phenyl-	132 C9H8O	000104-55-2 87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092519\
Data File : VX012659.D
Acq On : 25 Sep 2019 14:29
Operator : JC/SP
Sample : K5019-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

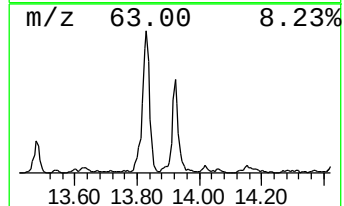
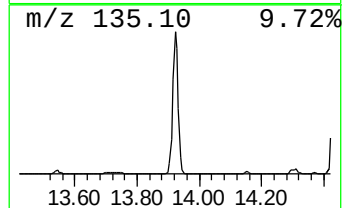
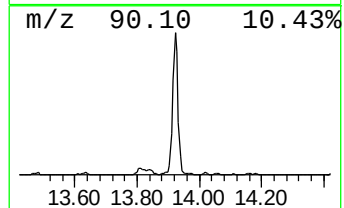
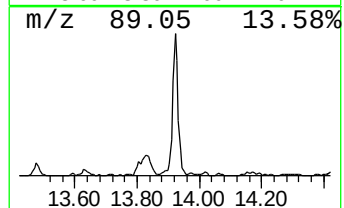
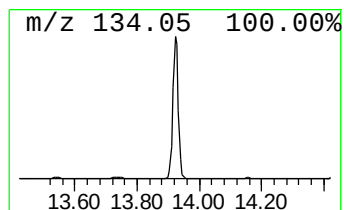
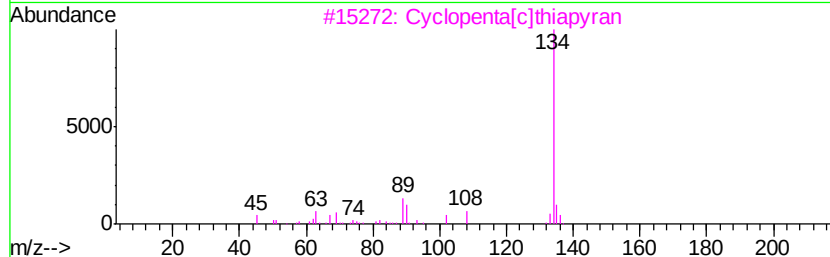
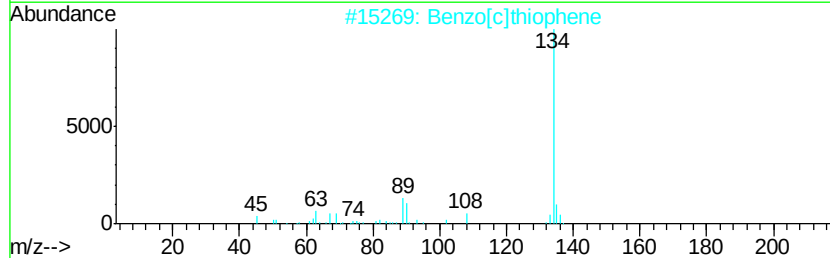
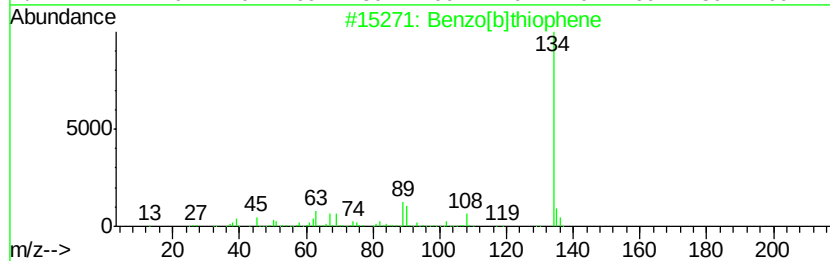
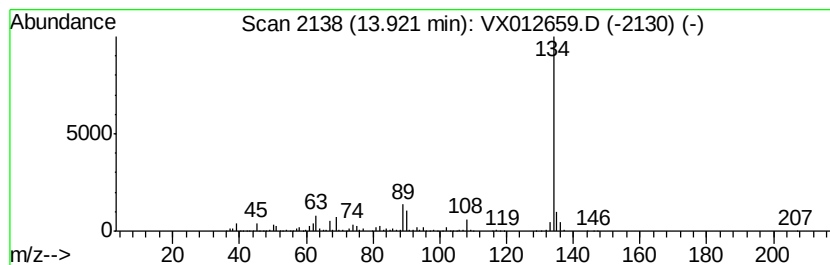
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

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

Peak Number 8 Benzo[b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	26.95 ug/l	391173	1,4-Dichlorobenzene-d4	12.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[b]thiophene	134 C8H6S	000095-15-8 97
2		Benzo[c]thiophene	134 C8H6S	000270-82-6 95
3		Cyclopenta[c]thiopyran	134 C8H6S	000270-63-3 94
4		Thiazolidin-4-one, 5-benzylideno...	287 C13H9N3OS2	351062-07-2 64
5		5H-Pyrrolo(3,2-d)pyrimidin-4-amine	134 C6H6N4	002227-98-7 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092519\
Data File : VX012659.D
Acq On : 25 Sep 2019 14:29
Operator : JC/SP
Sample : K5019-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

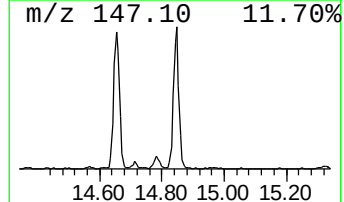
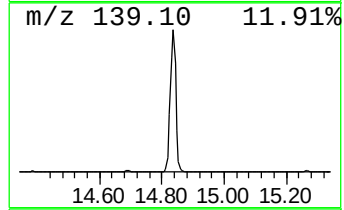
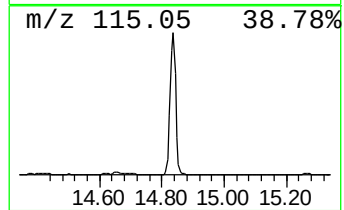
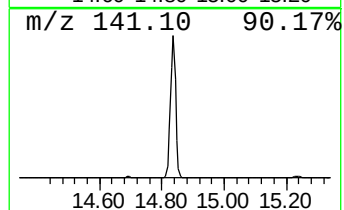
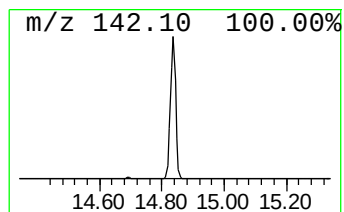
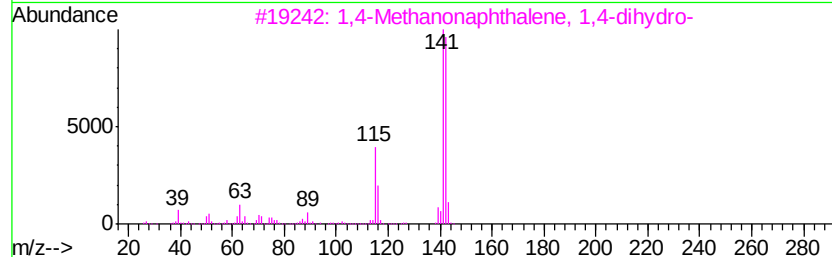
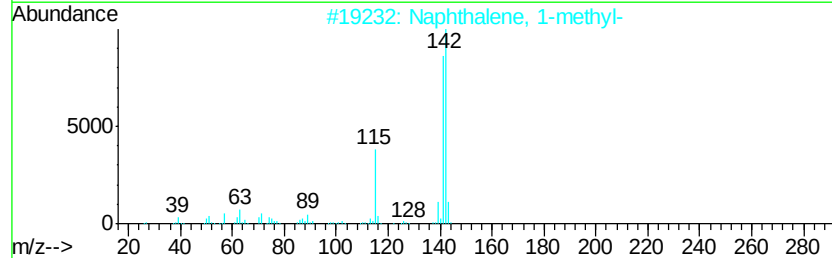
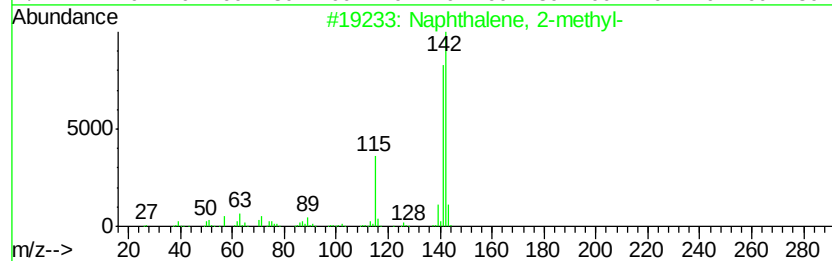
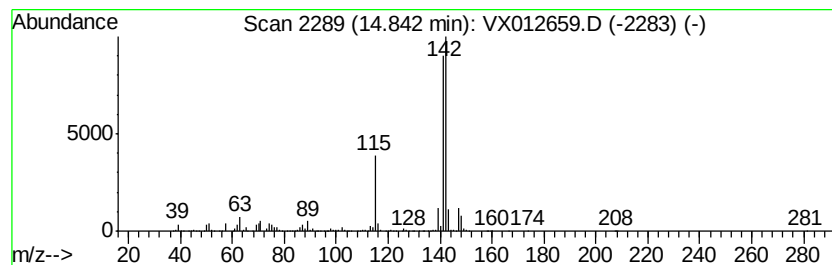
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	63.62 ug/l	923437	1,4-Dichlorobenzene-d4	12.07

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		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092519\
Data File : VX012659.D
Acq On : 25 Sep 2019 14:29
Operator : JC/SP
Sample : K5019-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

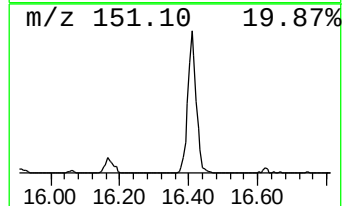
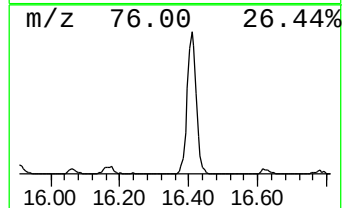
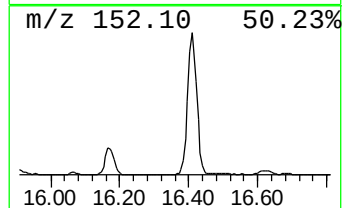
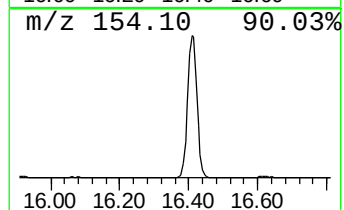
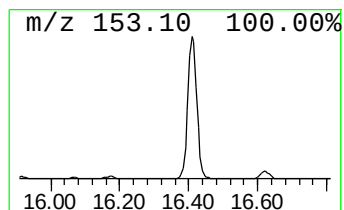
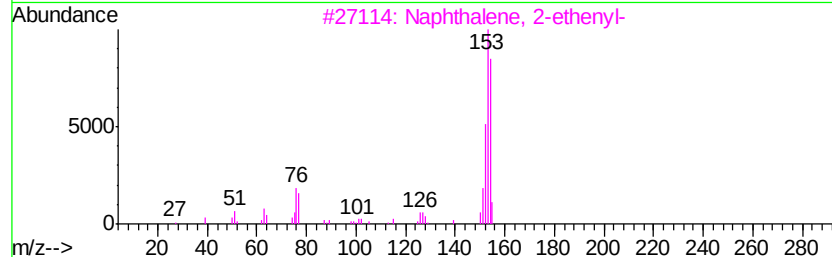
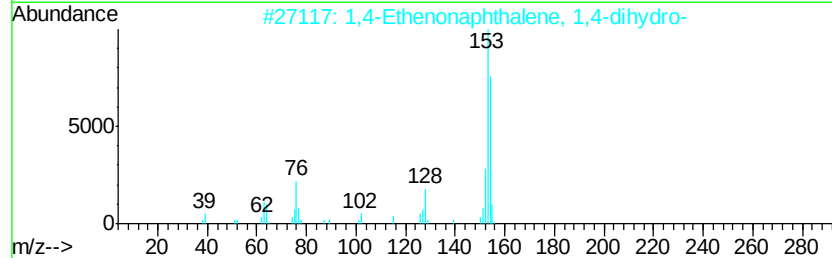
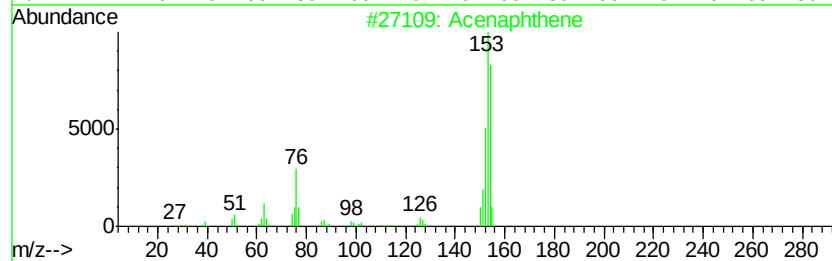
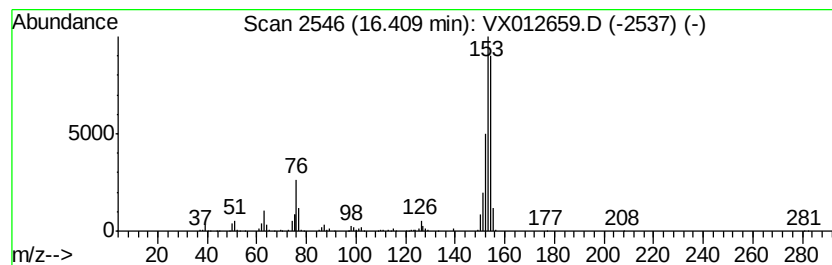
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

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

Peak Number 10 Acenaphthene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	19.84 ug/l	287990	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acenaphthene	154	C12H10	000083-32-9	96
2		1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	58
3		Naphthalene, 2-ethenvl-	154	C12H10	000827-54-3	58
4		3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50
5		Naphthalene, 1,4-bis(bromomethyl)-	312	C12H10Br2	058791-49-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
Data File : VX012659.D
Acq On : 25 Sep 2019 14:29
Operator : JC/SP
Sample : K5019-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.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	1.31	52.8	ug/l	583905	1	5.65	553056	50.0
Indane	12.29	66.7	ug/l	967856	4	12.07	725700	50.0
Indene	12.46	29.7	ug/l	430677	4	12.07	725700	50.0
Benzene, 1-etheny...	12.75	12.2	ug/l	176506	4	12.07	725700	50.0
Benzofuran, 2-met...	12.94	43.4	ug/l	629516	4	12.07	725700	50.0
Benzo[b]thiophene	13.92	26.9	ug/l	391173	4	12.07	725700	50.0
Naphthalene, 1-me...	14.84	63.6	ug/l	923437	4	12.07	725700	50.0
Acenaphthene	16.41	19.8	ug/l	287990	4	12.07	725700	50.0