LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
Data File : VX002990.D
Acq On : 28 Jun 2018 17:27
Operator : JC/MD
Sample : J3711-01 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-26S-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\82X062518W.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	1.075	76	80	91	rBV	502487	718987	15.42%	3.351%
2	1.300	108	117	143	rBV	218891	1145182	24.56%	5.337%
3	5.507	796	807	823	rBV	175595	501886	10.76%	2.339%
4	5.672	823	834	848	rVB	255936	723321	15.51%	3.371%
5	6.074	887	900	905	rBV	182682	478424	10.26%	2.230%
6	6.147	905	912	931	rVB	828430	2160547	46.33%	10.069%
7	6.867	1020	1030	1040	rBV	368917	867870	18.61%	4.045%
8	8.720	1327	1334	1340	rBV	899749	1372717	29.44%	6.398%
9	8.787	1340	1345	1357	rVB	220281	333713	7.16%	1.555%
10	10.116	1557	1563	1580	rBV	777606	1040474	22.31%	4.849%
11	10.256	1580	1586	1595	rVV	426350	561160	12.03%	2.615%
12	10.366	1595	1604	1616	rVB	540438	764181	16.39%	3.561%
13	10.701	1655	1659	1672	rVB	417586	529703	11.36%	2.469%
14	11.140	1725	1731	1739	rBV	815053	1025813	22.00%	4.781%
15	11.439	1774	1780	1787	rBV	49691	97491	2.09%	0.454%
16	11.512	1787	1792	1797	rVB	53624	71636	1.54%	0.334%
17	11.811	1831	1841	1848	rBV	151079	187758	4.03%	0.875%
18	12.018	1869	1875	1880	rBV	905978	1053904	22.60%	4.912%
19	12.079	1880	1885	1892	rVV	972975	1253264	26.87%	5.841%
20	12.146	1892	1896	1901	rVB	45728	55652	1.19%	0.259%
21	12.305	1916	1922	1930	rBV	595026	739565	15.86%	3.447%
22	12.475	1944	1950	1957	rBV	171675	219993	4.72%	1.025%
23	12.945	2023	2027	2031	rBV	65732	81285	1.74%	0.379%
24	13.024	2035	2040	2045	rBV	149501	227518	4.88%	1.060%
25	13.841	2163	2174	2179	rBV	3774102	4663524	100.00%	21.734%
26	13.932	2184	2189	2195	rVB	223768	284009	6.09%	1.324%
27	14.700	2311	2315	2324	rVB	98902	126768	2.72%	0.591%
28	14.841	2333	2338	2347	rBV	129854	170577	3.66%	0.795%

Sum of corrected areas: 21456922

LSC Report - Integrated Chromatogram

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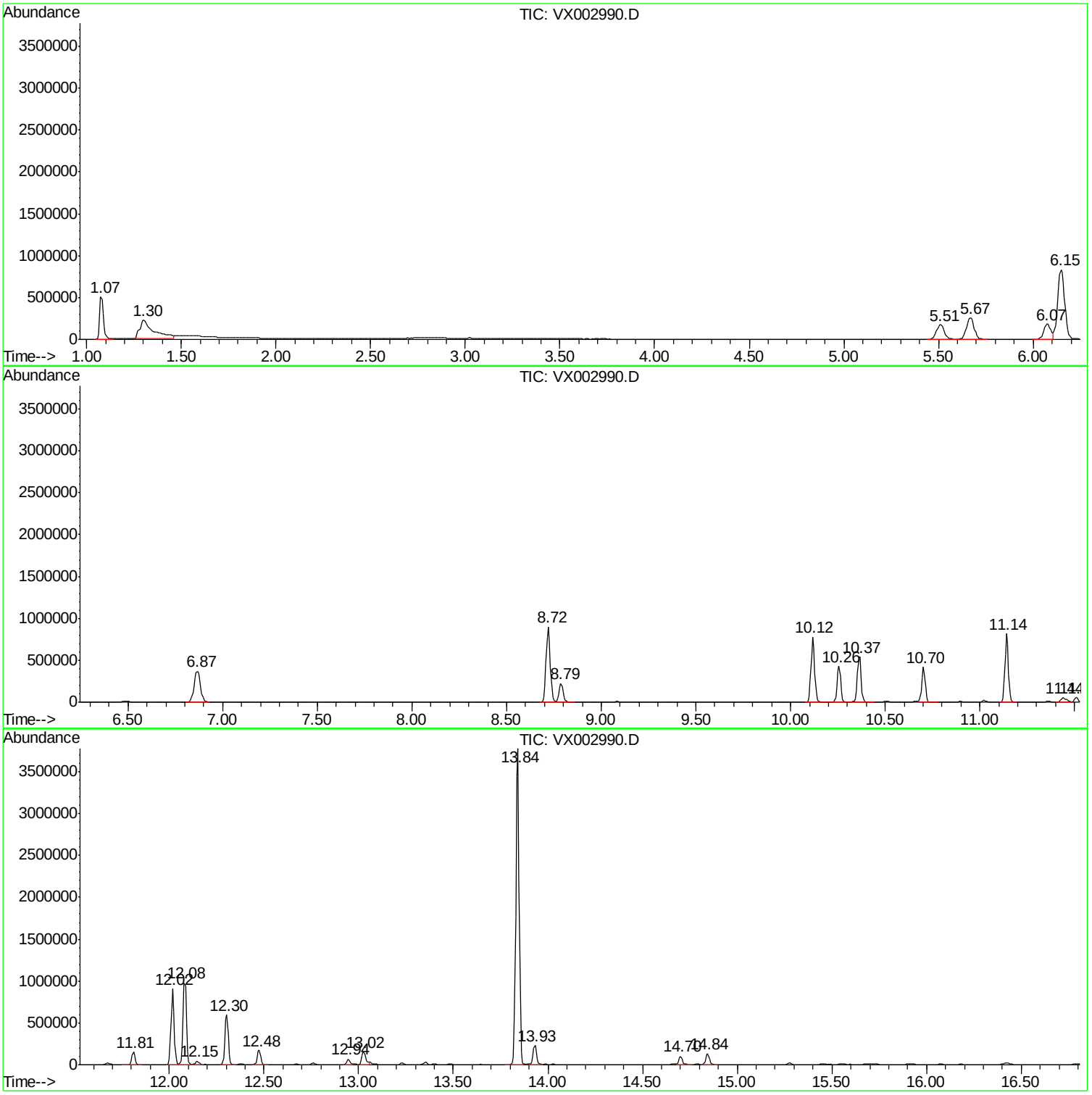
Acq On : 28 Jun 2018 17:27
Operator : JC/MD
Sample : J3711-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-26S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
Data File : VX002990.D
Acq On : 28 Jun 2018 17:27
Operator : JC/MD
Sample : J3711-01 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-26S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

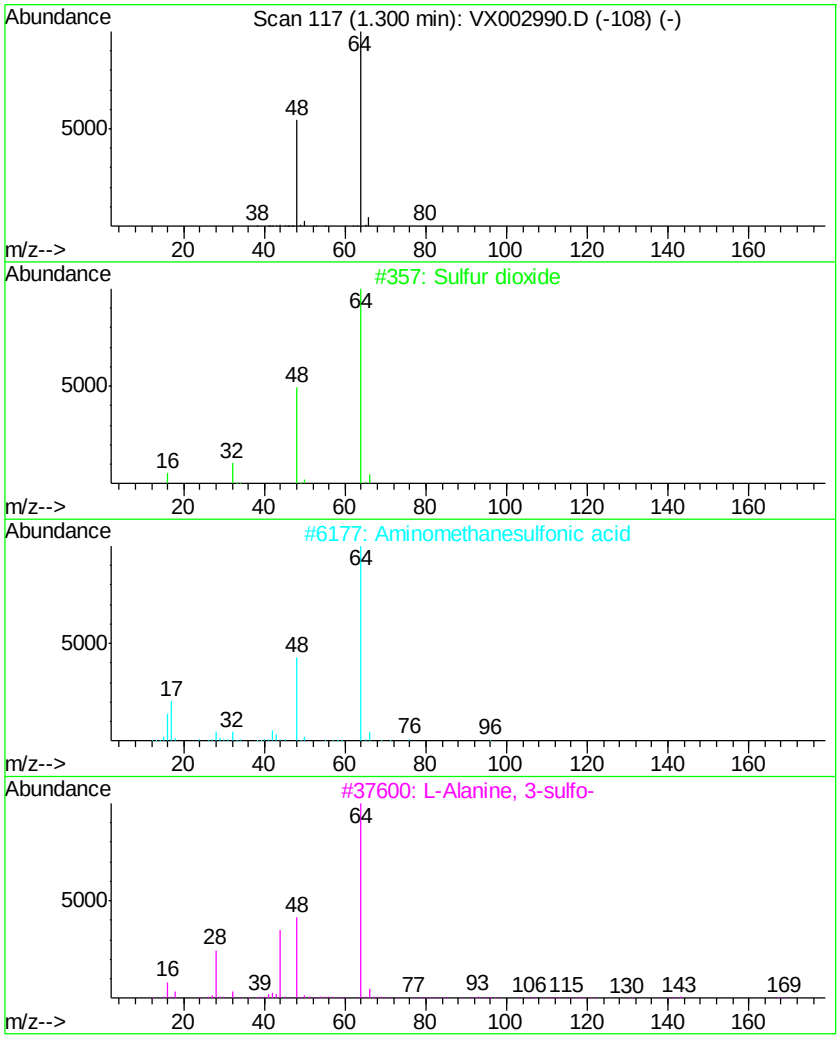
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

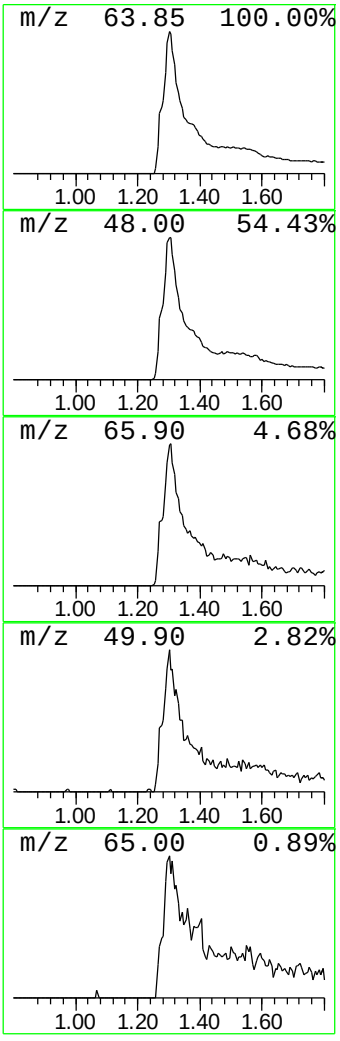
****

Peak Number 2 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.30	79.16 ug/l	1145180	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062818\
Data File : VX002990.D
Acq On : 28 Jun 2018 17:27
Operator : JC/MD
Sample : J3711-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-26S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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

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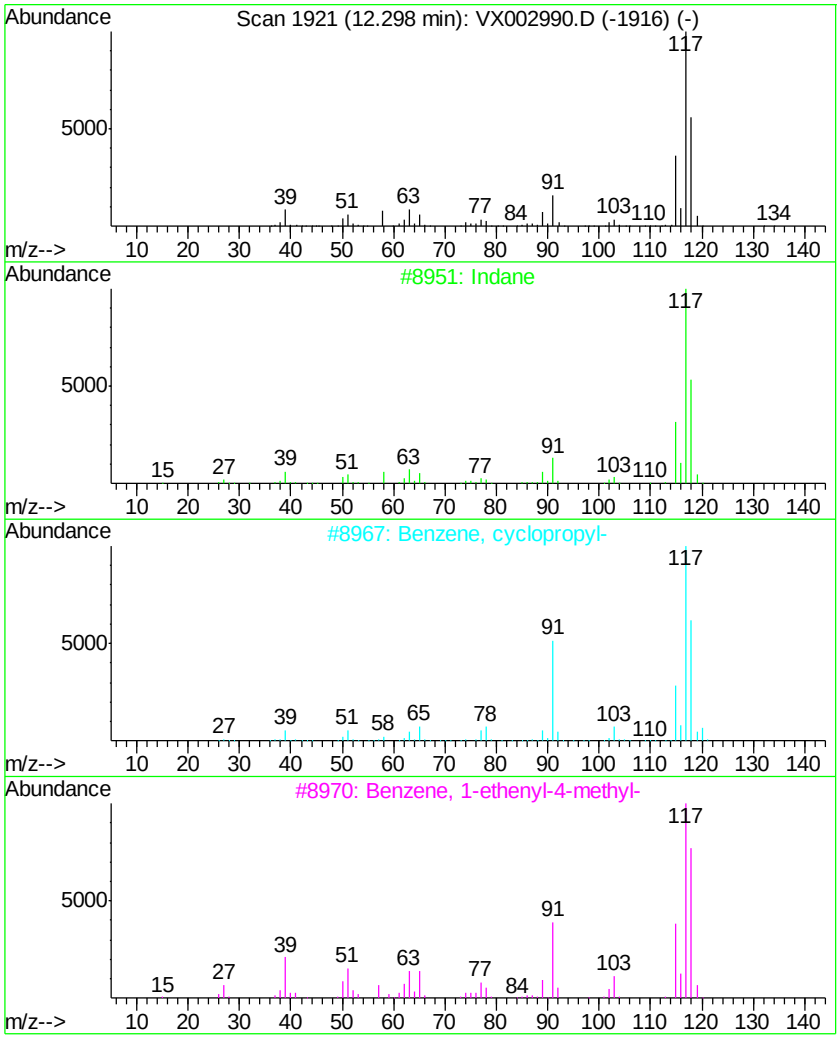
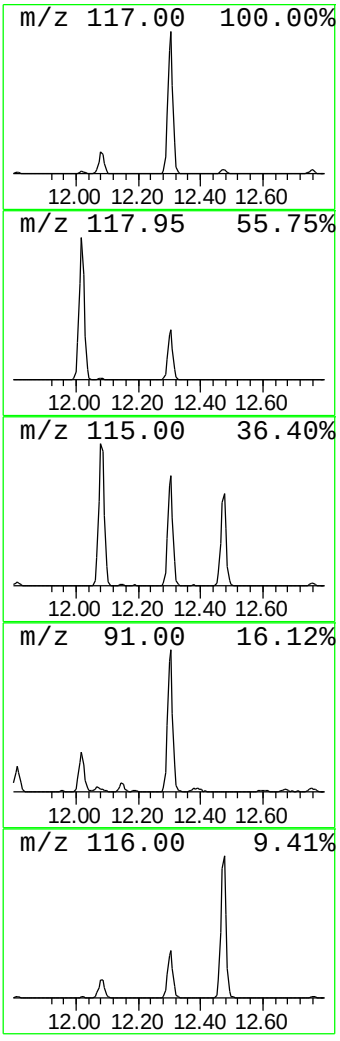
Peak Number 3 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	29.51 ug/l	739565	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062818\
Data File : VX002990.D
Acq On : 28 Jun 2018 17:27
Operator : JC/MD
Sample : J3711-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-26S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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

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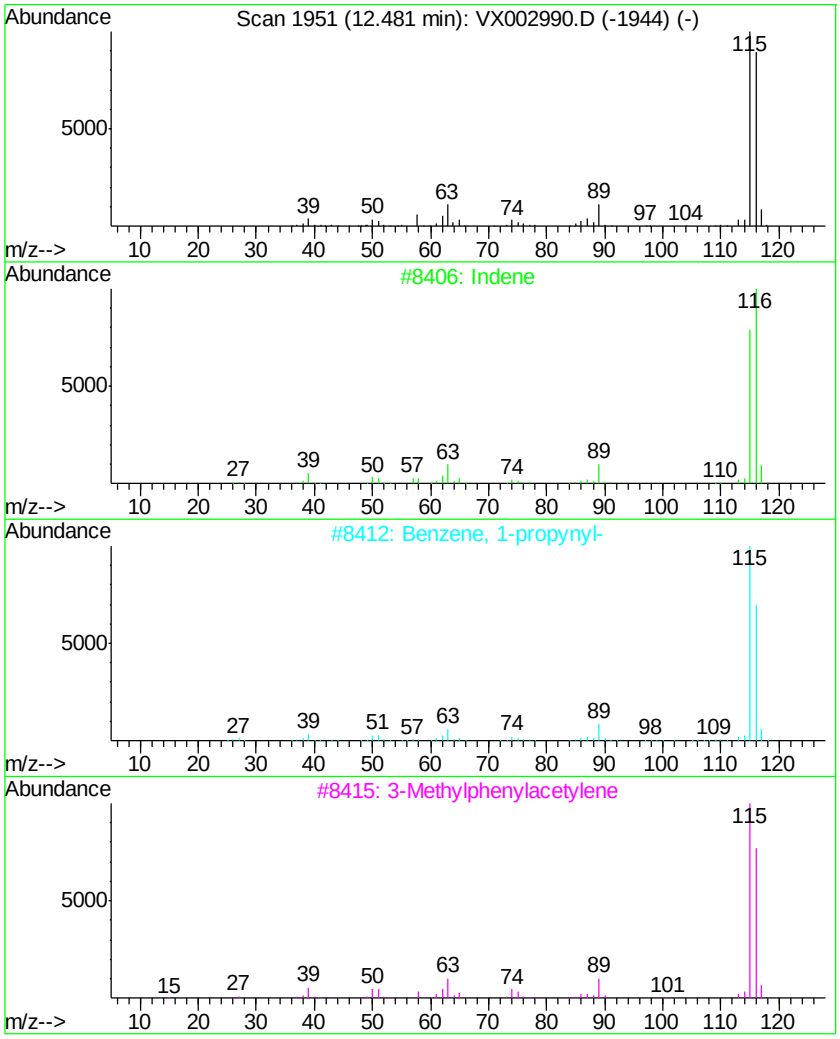
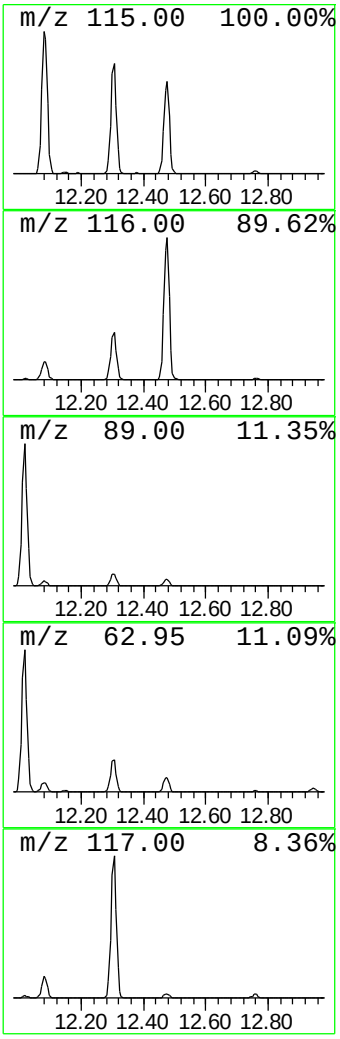
Peak Number 4 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	8.78 ug/l	219993	1,4-Dichlorobenzene-d4	12.09

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	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062818\
Data File : VX002990.D
Acq On : 28 Jun 2018 17:27
Operator : JC/MD
Sample : J3711-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-26S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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

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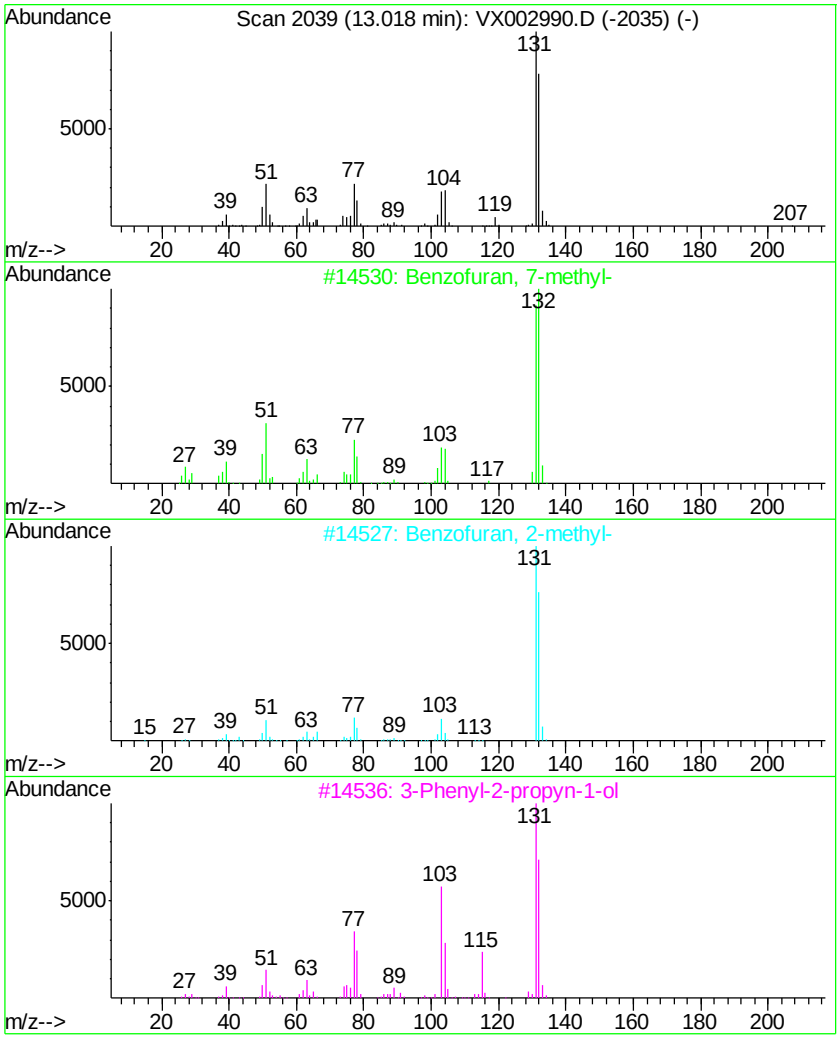
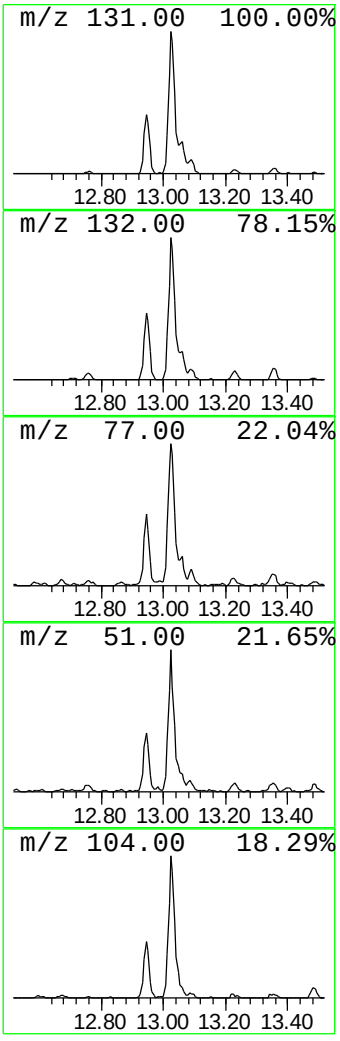
Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	9.08 ug/l	227518	1,4-Dichlorobenzene-d4	12.09

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	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
5	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	90





Library Search Compound Report

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Sample : J3711-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-26S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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

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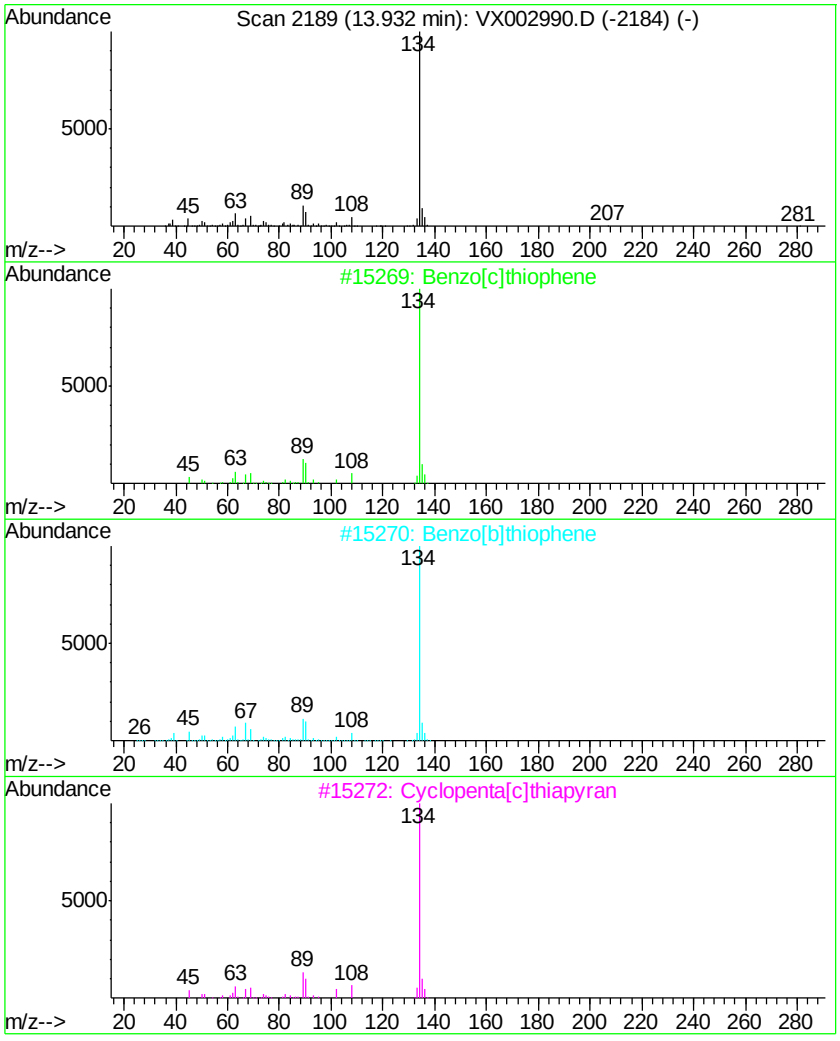
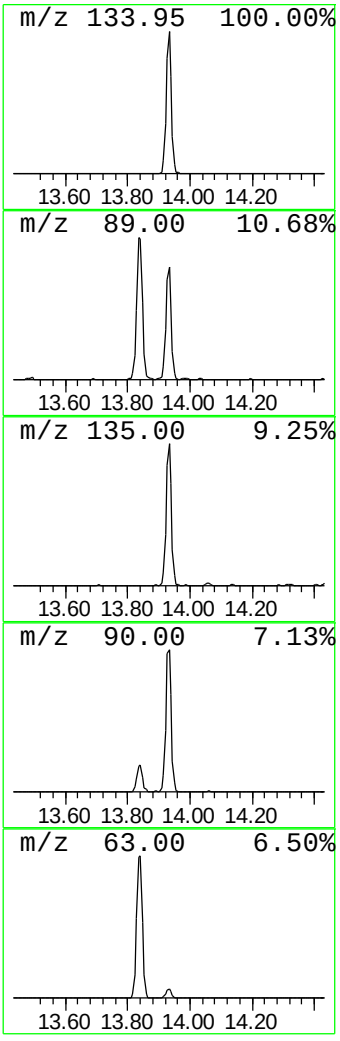
Peak Number 6 Benzo[c]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	11.33 ug/l	284009	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	45
5	2H-Benzimidazol-2-one, 1,3-dihydro-	134	C7H6N2O	000615-16-7	45





Library Search Compound Report

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ALS Vial : 14 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

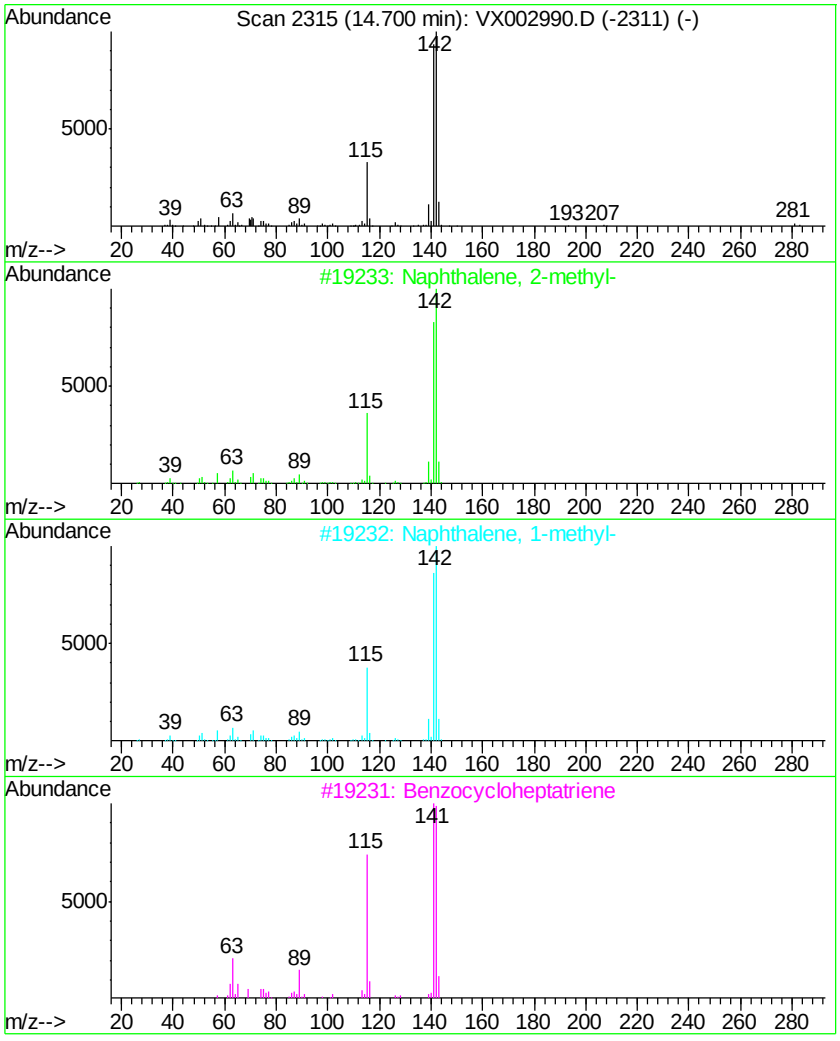
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

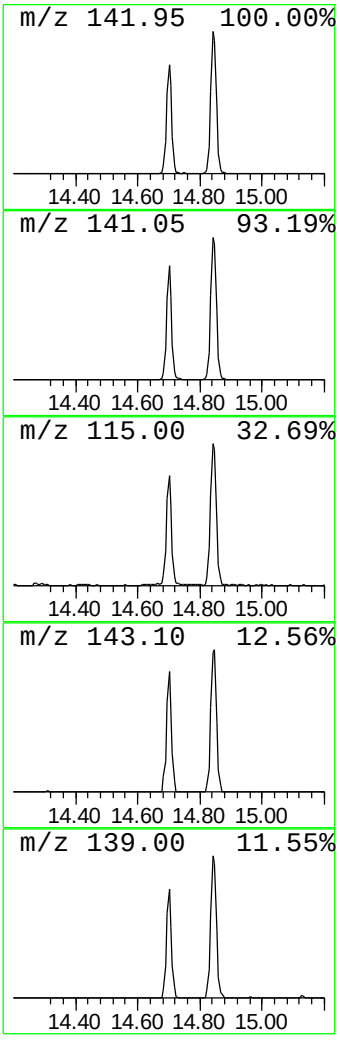
****

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	5.06 ug/l	126768	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062818\
Data File : VX002990.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.30	79.2	ug/l	1145180	1	5.67	723321	50.0
Indane	12.30	29.5	ug/l	739565	4	12.09	1253260	50.0
Indene	12.48	8.8	ug/l	219993	4	12.09	1253260	50.0
Benzofuran, 7-met...	13.02	9.1	ug/l	227518	4	12.09	1253260	50.0
Benzo[c]thiophene	13.93	11.3	ug/l	284009	4	12.09	1253260	50.0
Naphthalene, 1-me...	14.70	5.1	ug/l	126768	4	12.09	1253260	50.0