LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070219\
Data File : VX010617.D
Acq On : 02 Jul 2019 15:14
Operator : JC/SP
Sample : K3605-01 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW26S-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\82X061919W.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	1.318	22	27	39	rVV	51187	188231	3.64%	0.991%
2	5.501	702	713	724	rBV2	139139	389755	7.55%	2.052%
3	5.665	729	740	756	rVB	231621	660641	12.79%	3.478%
4	6.062	792	805	811	rBV	133108	349162	6.76%	1.838%
5	6.141	811	818	833	rVB	613890	1618594	31.34%	8.522%
6	6.860	924	936	950	rBV	348804	825657	15.99%	4.347%
7	8.713	1233	1240	1246	rBV	755401	1141174	22.10%	6.009%
8	8.781	1246	1251	1260	rVB	225459	354920	6.87%	1.869%
9	10.110	1463	1469	1480	rBV	724226	980029	18.98%	5.160%
10	10.250	1486	1492	1500	rBV	488795	599975	11.62%	3.159%
11	10.360	1500	1510	1519	rVB	597959	836584	16.20%	4.405%
12	10.695	1561	1565	1576	rVB	450023	581231	11.26%	3.060%
13	11.134	1632	1637	1646	rBV	624986	790006	15.30%	4.160%
14	11.433	1680	1686	1694	rBV	65926	122838	2.38%	0.647%
15	11.506	1694	1698	1703	rVB	66282	81024	1.57%	0.427%
16	11.804	1741	1747	1753	rBV	180960	224019	4.34%	1.180%
17	12.012	1775	1781	1786	rBV	788036	964617	18.68%	5.079%
18	12.079	1786	1792	1798	rVV	745956	978005	18.94%	5.149%
19	12.140	1798	1802	1806	rVB	53612	63084	1.22%	0.332%
20	12.298	1818	1828	1835	rBV	608294	766994	14.85%	4.038%
21	12.469	1850	1856	1861	rBV	267323	338113	6.55%	1.780%
22	12.938	1929	1933	1937	rBV	72416	85869	1.66%	0.452%
23	13.018	1941	1946	1951	rBV	161905	253068	4.90%	1.332%
24	13.835	2070	2080	2087	rBV	4113702	5164173	100.00%	27.191%
25	13.926	2087	2095	2101	rVV	229790	293341	5.68%	1.545%
26	14.694	2217	2221	2228	rVB	138429	170340	3.30%	0.897%
27	14.834	2239	2244	2252	rVB	128369	170913	3.31%	0.900%

Sum of corrected areas: 18992357

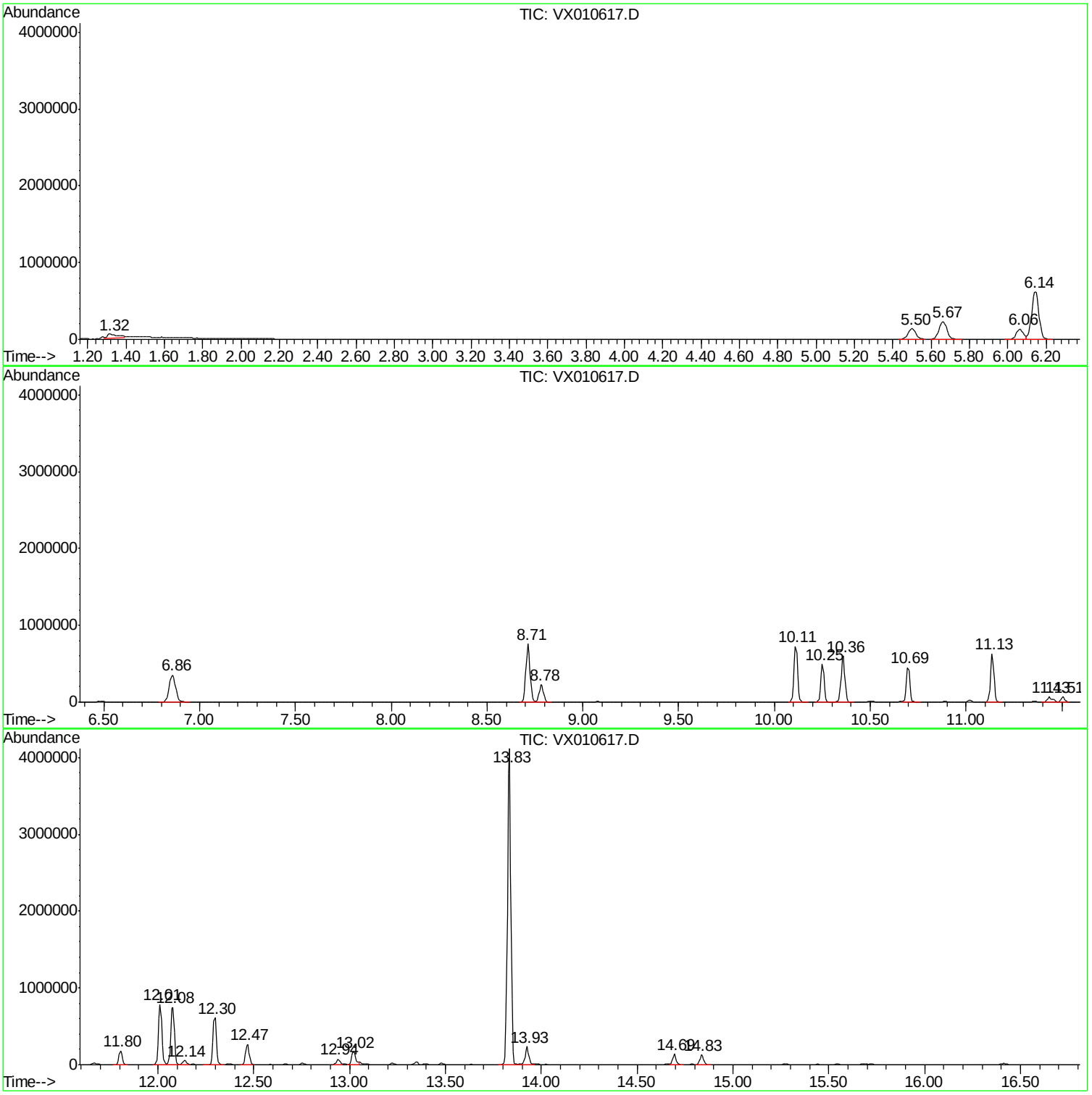
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070219\
Data File : VX010617.D
Acq On : 02 Jul 2019 15:14
Operator : JC/SP
Sample : K3605-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070219\
Data File : VX010617.D
Acq On : 02 Jul 2019 15:14
Operator : JC/SP
Sample : K3605-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

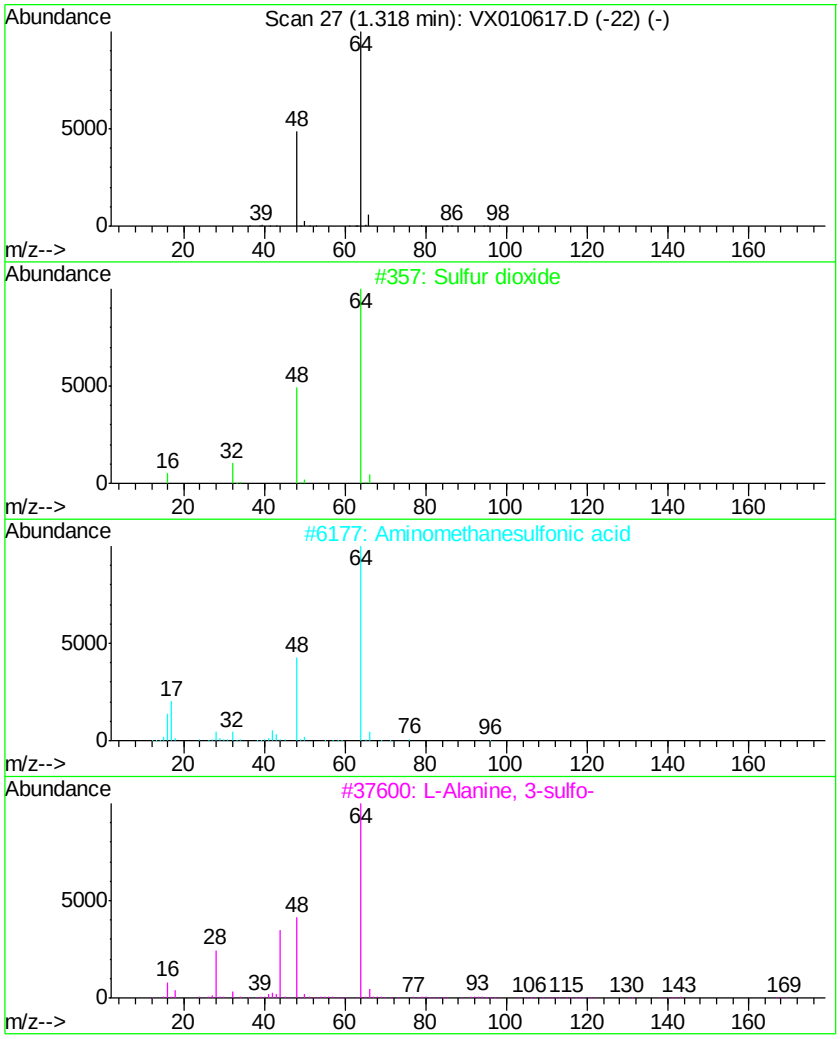
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

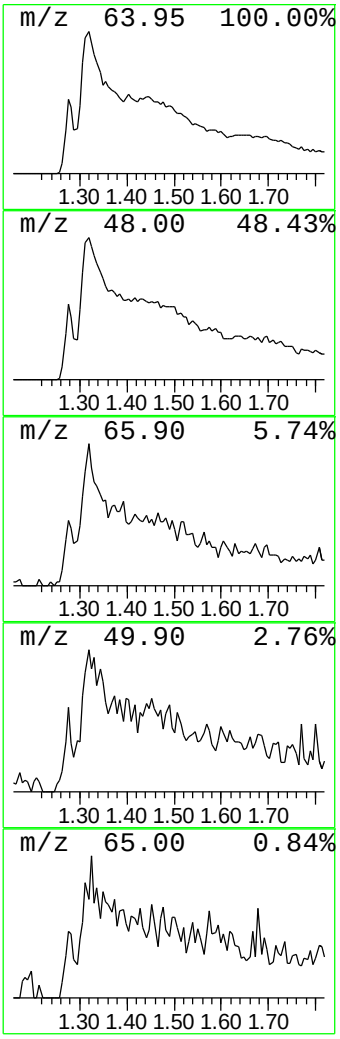
****

Peak Number 1 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.32	14.25 ug/l	188231	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	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070219\
Data File : VX010617.D
Acq On : 02 Jul 2019 15:14
Operator : JC/SP
Sample : K3605-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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

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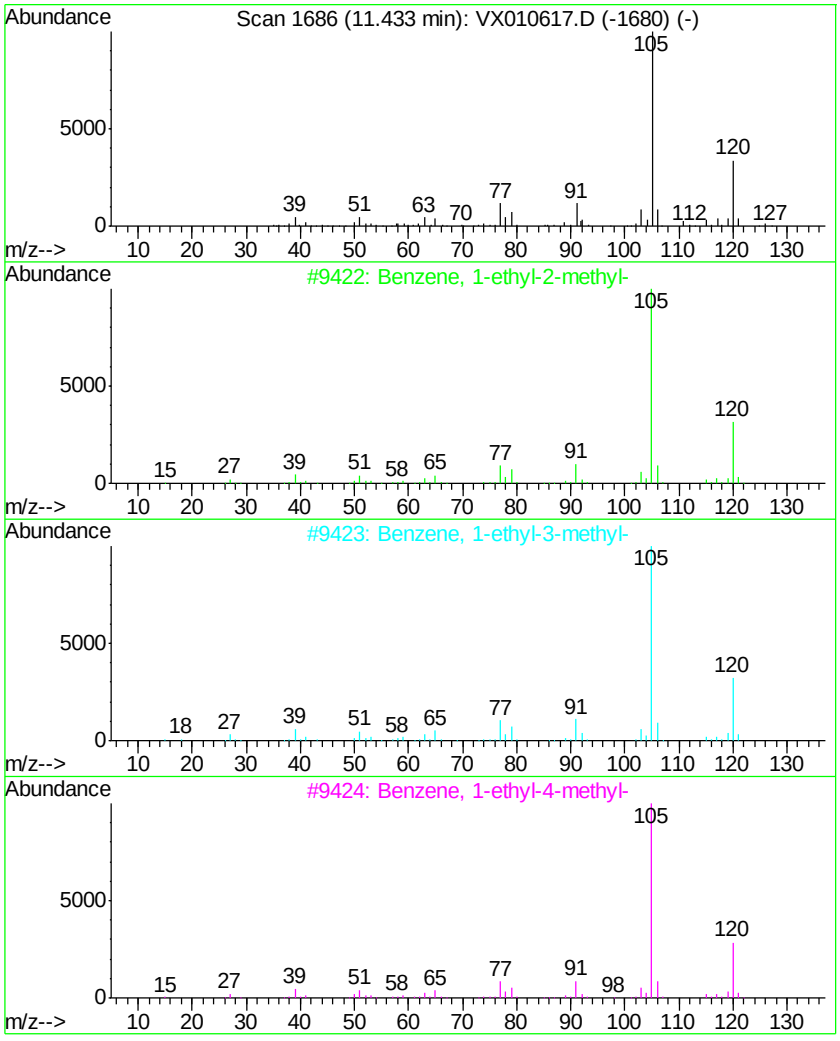
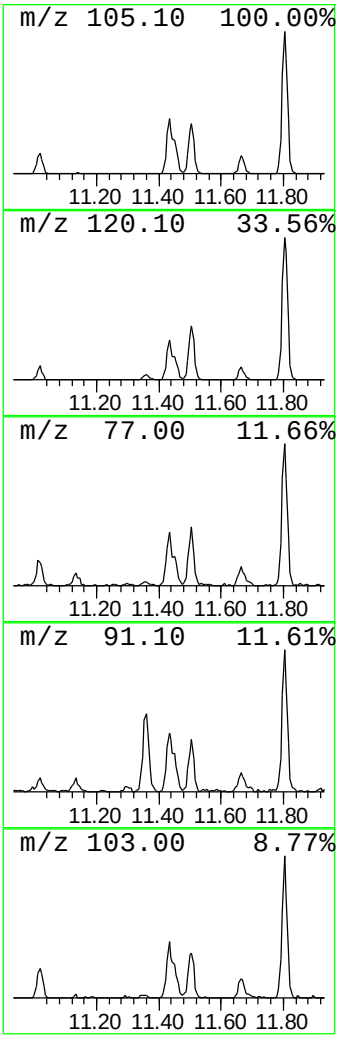
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	6.28 ug/l	122838	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070219\
Data File : VX010617.D
Acq On : 02 Jul 2019 15:14
Operator : JC/SP
Sample : K3605-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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

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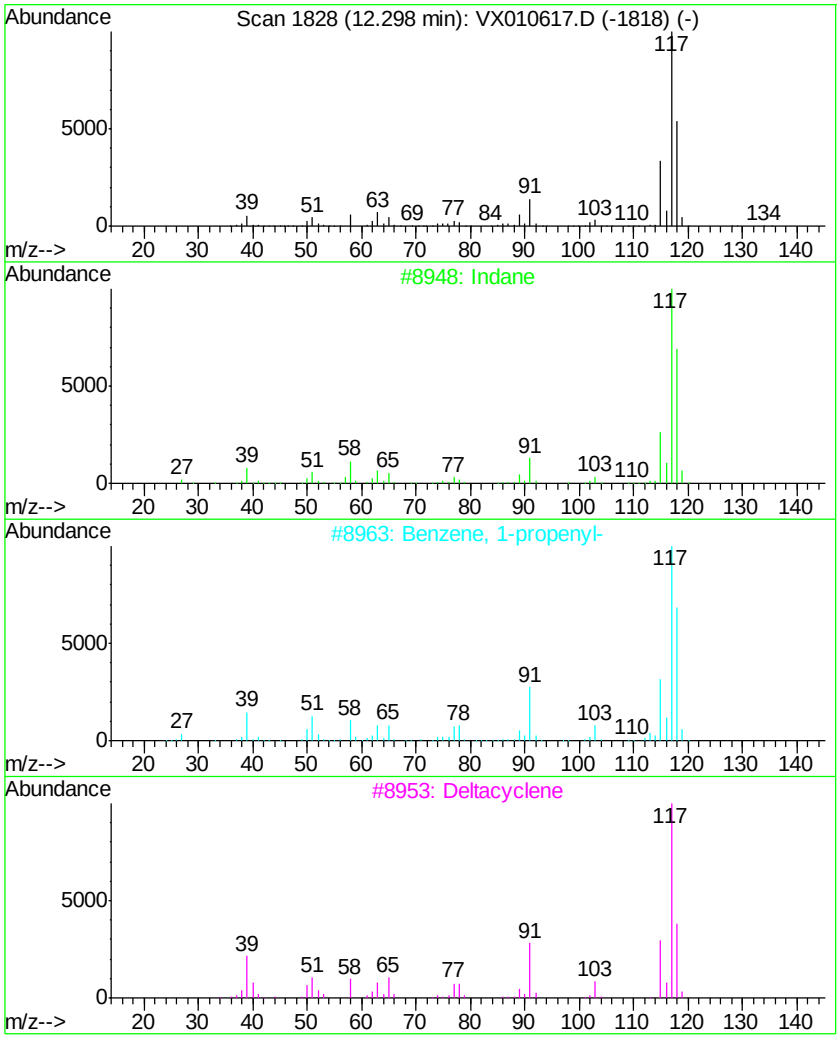
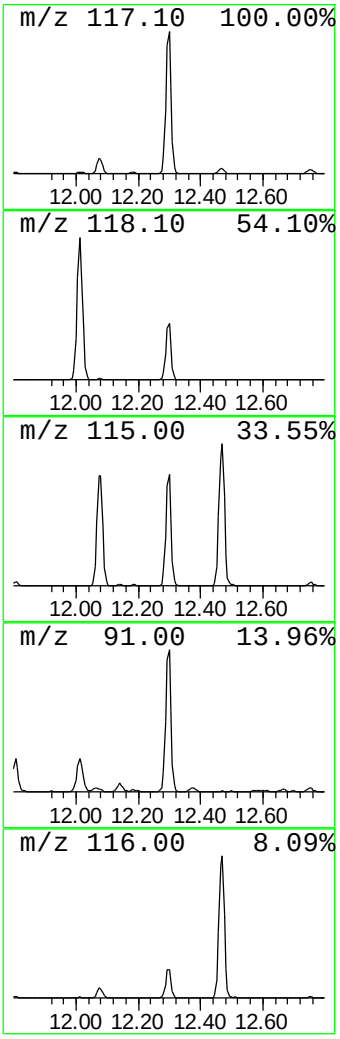
Peak Number 3 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	39.21 ug/l	766994	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	83
3	Deltacyclene	118	C9H10	007785-10-6	80
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070219\
Data File : VX010617.D
Acq On : 02 Jul 2019 15:14
Operator : JC/SP
Sample : K3605-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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

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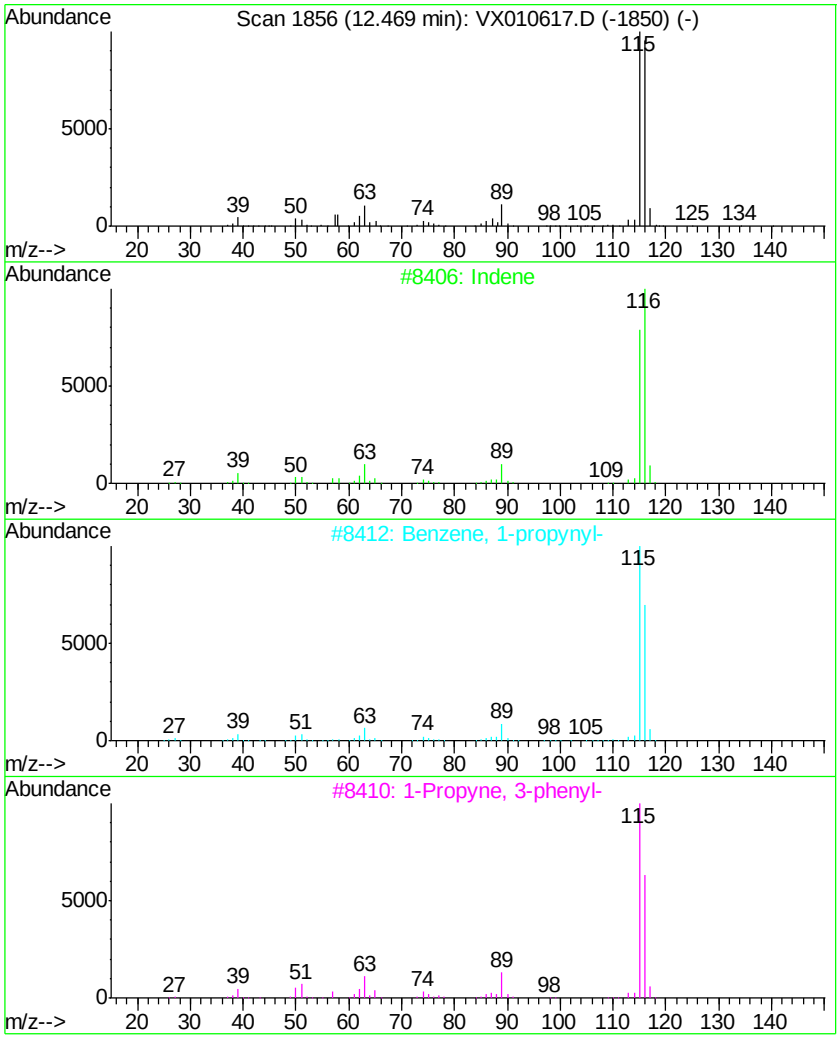
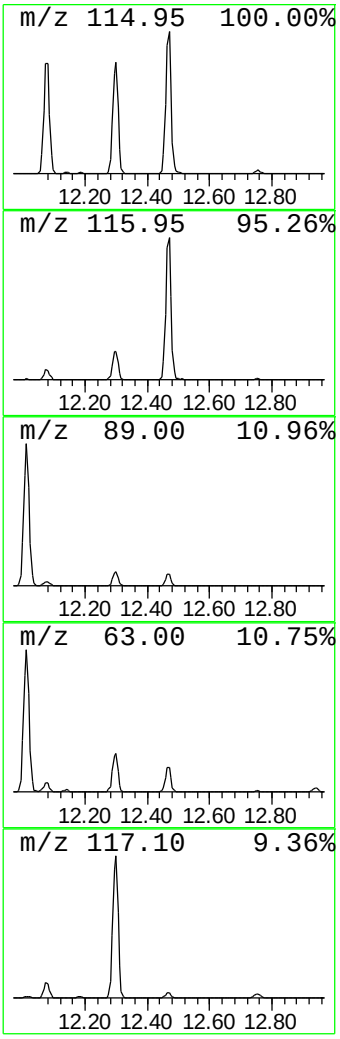
Peak Number 4 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	17.29 ug/l	338113	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	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070219\
Data File : VX010617.D
Acq On : 02 Jul 2019 15:14
Operator : JC/SP
Sample : K3605-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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

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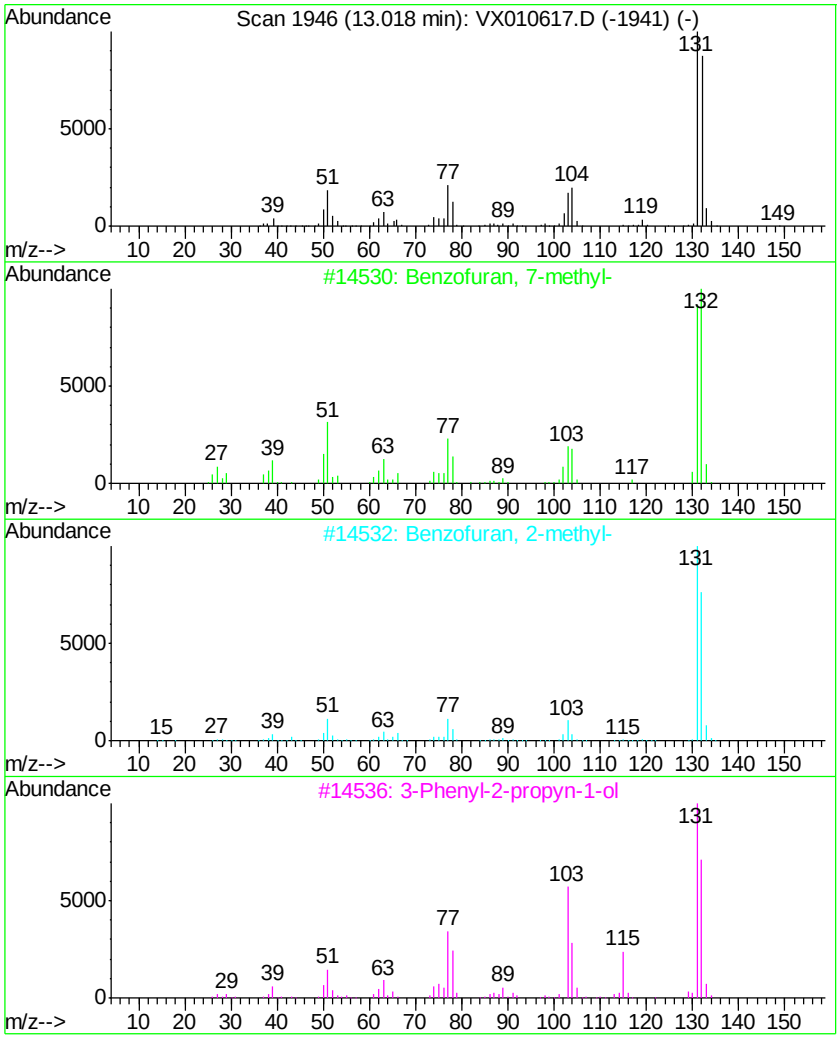
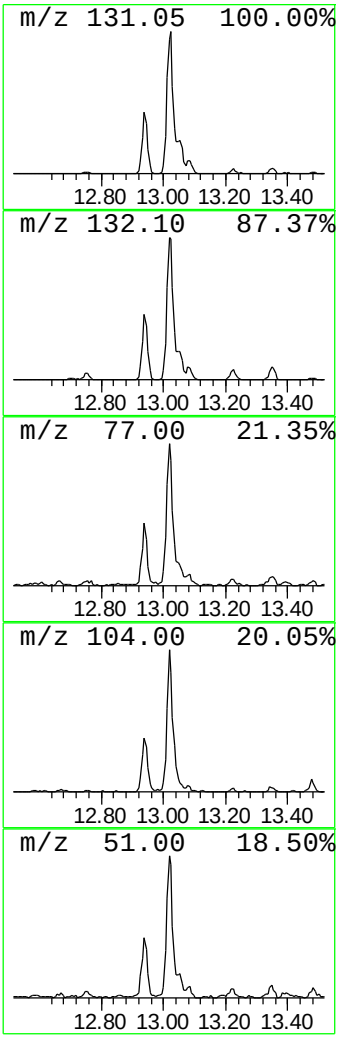
Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	12.94 ug/l	253068	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	90
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070219\
Data File : VX010617.D
Acq On : 02 Jul 2019 15:14
Operator : JC/SP
Sample : K3605-01 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

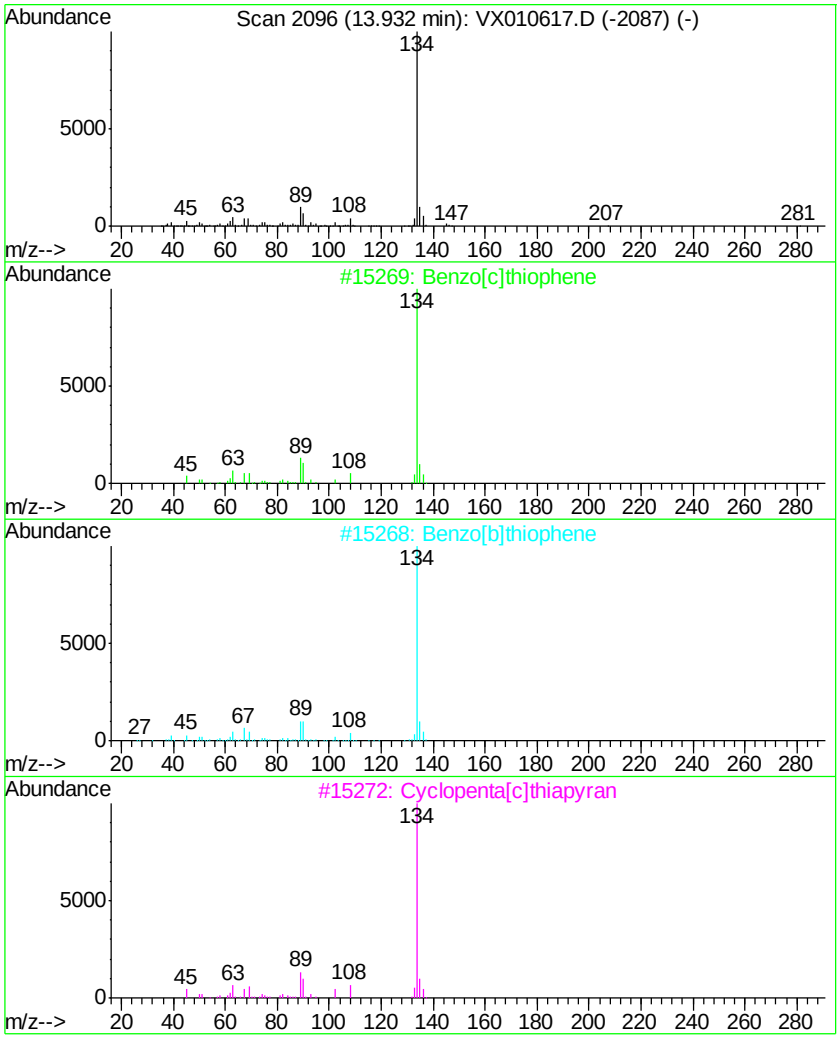
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

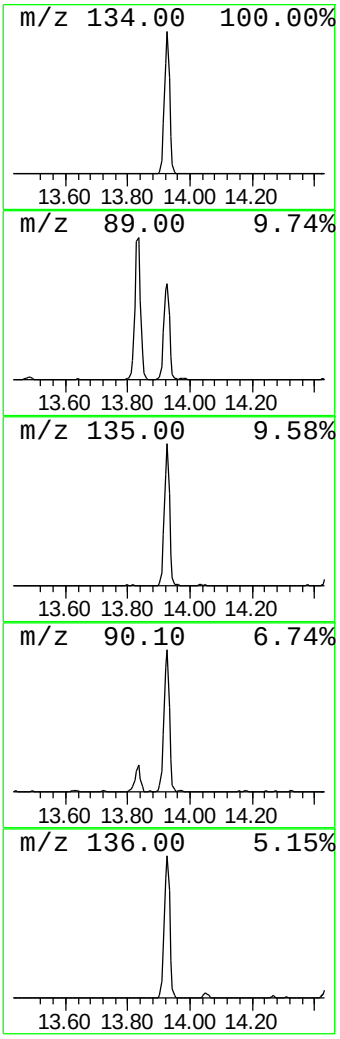
****

Peak Number 6 Benzo[c]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	15.00 ug/l	293341	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
4	[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	64
5	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070219\
Data File : VX010617.D
Acq On : 02 Jul 2019 15:14
Operator : JC/SP
Sample : K3605-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW26S-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

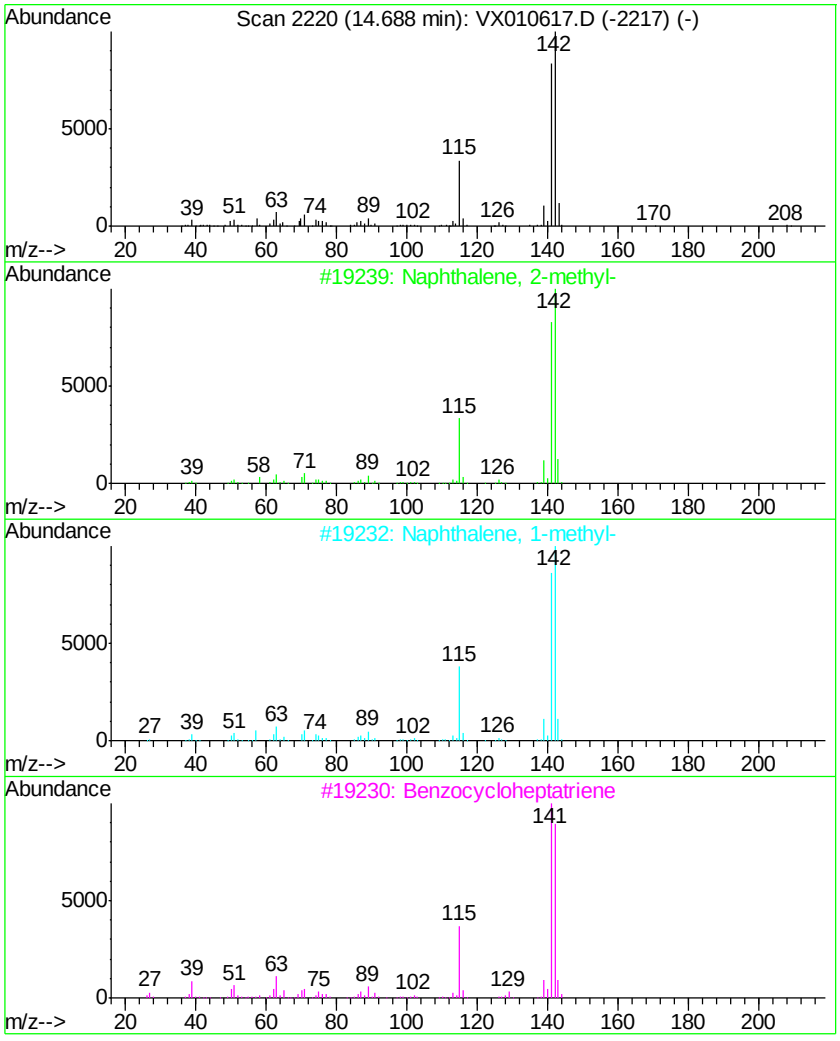
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

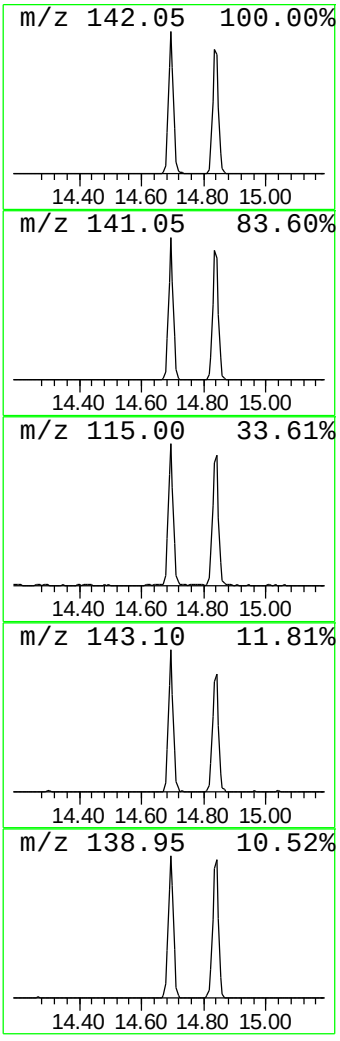
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	8.71 ug/l	170340	1,4-Dichlorobenzene-d4	12.08

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	94
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	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070219\
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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	1.32	14.3	ug/l	188231	1	5.67	660641	50.0
Benzene, 1-ethyl-...	11.43	6.3	ug/l	122838	4	12.08	978005	50.0
Indane	12.30	39.2	ug/l	766994	4	12.08	978005	50.0
Indene	12.47	17.3	ug/l	338113	4	12.08	978005	50.0
Benzofuran, 7-met...	13.02	12.9	ug/l	253068	4	12.08	978005	50.0
Benzo[c]thiophene	13.93	15.0	ug/l	293341	4	12.08	978005	50.0
Naphthalene, 1-me...	14.69	8.7	ug/l	170340	4	12.08	978005	50.0