LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
Data File : VX004208.D
Acq On : 22 Aug 2018 19:30
Operator : JC/MD
Sample : J4579-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0545

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\82X082218W.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	1.069	75	79	93	rBV	2047414	2736559	3.08%	0.807%
2	1.788	191	197	210	rVB	1652704	2344358	2.64%	0.691%
3	1.996	226	231	246	rVB	1205854	1706521	1.92%	0.503%
4	2.837	352	369	373	rBV	555438	1291079	1.45%	0.381%
5	2.886	373	377	380	rVV	898403	1756235	1.98%	0.518%
6	2.928	380	384	400	rVB	854539	1779481	2.00%	0.525%
7	3.166	414	423	438	rVB	857009	1945727	2.19%	0.574%
8	3.514	470	480	495	rBV	911423	2039097	2.30%	0.601%
9	4.391	614	624	638	rVB	2709399	7823440	8.81%	2.306%
10	5.574	809	818	828	rVB	2364587	7176611	8.08%	2.115%
11	5.928	863	876	890	rBV4	409971	1378938	1.55%	0.406%
12	6.452	954	962	974	rVB	373439	1020168	1.15%	0.301%
13	6.861	1020	1029	1037	rBV	475350	1114787	1.26%	0.329%
14	7.464	1114	1128	1140	rBV	3105589	7110534	8.01%	2.096%
15	8.714	1328	1333	1339	rVB	1174740	2013069	2.27%	0.593%
16	8.787	1339	1345	1350	rBV	3075628	4584769	5.16%	1.351%
17	10.116	1558	1563	1569	rBV	907783	1192774	1.34%	0.352%
18	10.256	1579	1586	1596	rBV	24913632	34577773	38.93%	10.192%
19	10.372	1596	1605	1610	rBV2	53924844	88816270	100.00%	26.180%
20	10.707	1654	1660	1665	rVB	24097333	32663339	36.78%	9.628%
21	11.018	1706	1711	1725	rVB	2552523	3191507	3.59%	0.941%
22	11.140	1725	1731	1735	rBV	1018392	1239759	1.40%	0.365%
23	11.360	1762	1767	1774	rBV	3432477	4151144	4.67%	1.224%
24	11.439	1774	1780	1787	rVV	11905967	20156263	22.69%	5.941%
25	11.506	1787	1791	1797	rVB	7780639	9722589	10.95%	2.866%
26	11.671	1812	1818	1827	rBV	6751231	8205476	9.24%	2.419%
27	11.811	1836	1841	1846	rVB	22141971	26134436	29.43%	7.703%
28	12.030	1870	1877	1880	rBV	735333	942069	1.06%	0.278%
29	12.079	1880	1885	1890	rVB2	1377873	1956532	2.20%	0.577%
30	12.146	1890	1896	1901	rBV	9500701	11182017	12.59%	3.296%
31	12.299	1916	1921	1929	rBV2	5645377	8351100	9.40%	2.462%
32	12.372	1929	1933	1942	rVB4	1854898	2819323	3.17%	0.831%
33	12.591	1963	1969	1970	rBV	956701	1168433	1.32%	0.344%
34	12.609	1970	1972	1977	rVB	978482	1131256	1.27%	0.333%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
Data File : VX004208.D
Acq On : 22 Aug 2018 19:30
Operator : JC/MD
Sample : J4579-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0545

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\82X082218W.M
Title : SW846 8260

35	12.670	1977	1982	1985	rBV	1456143	1648557	1.86%	0.486%
36	12.756	1992	1996	2004	rBV4	1074731	1861214	2.10%	0.549%
37	12.902	2016	2020	2025	rVB2	675867	893407	1.01%	0.263%
38	12.981	2025	2033	2036	rBV	936449	1198126	1.35%	0.353%
39	13.018	2036	2039	2045	rVB	1427543	1678748	1.89%	0.495%
40	13.225	2069	2073	2077	rVB	926442	1110295	1.25%	0.327%
41	13.347	2089	2093	2099	rVB2	2903749	3935118	4.43%	1.160%
42	13.481	2110	2115	2122	rVB	2451623	2941419	3.31%	0.867%
43	13.835	2165	2173	2181	rVB	9112036	11640608	13.11%	3.431%
44	14.701	2307	2315	2319	rBV	3200388	4134162	4.65%	1.219%
45	14.841	2333	2338	2347	rBV	2304924	2793018	3.14%	0.823%

Sum of corrected areas: 339258105

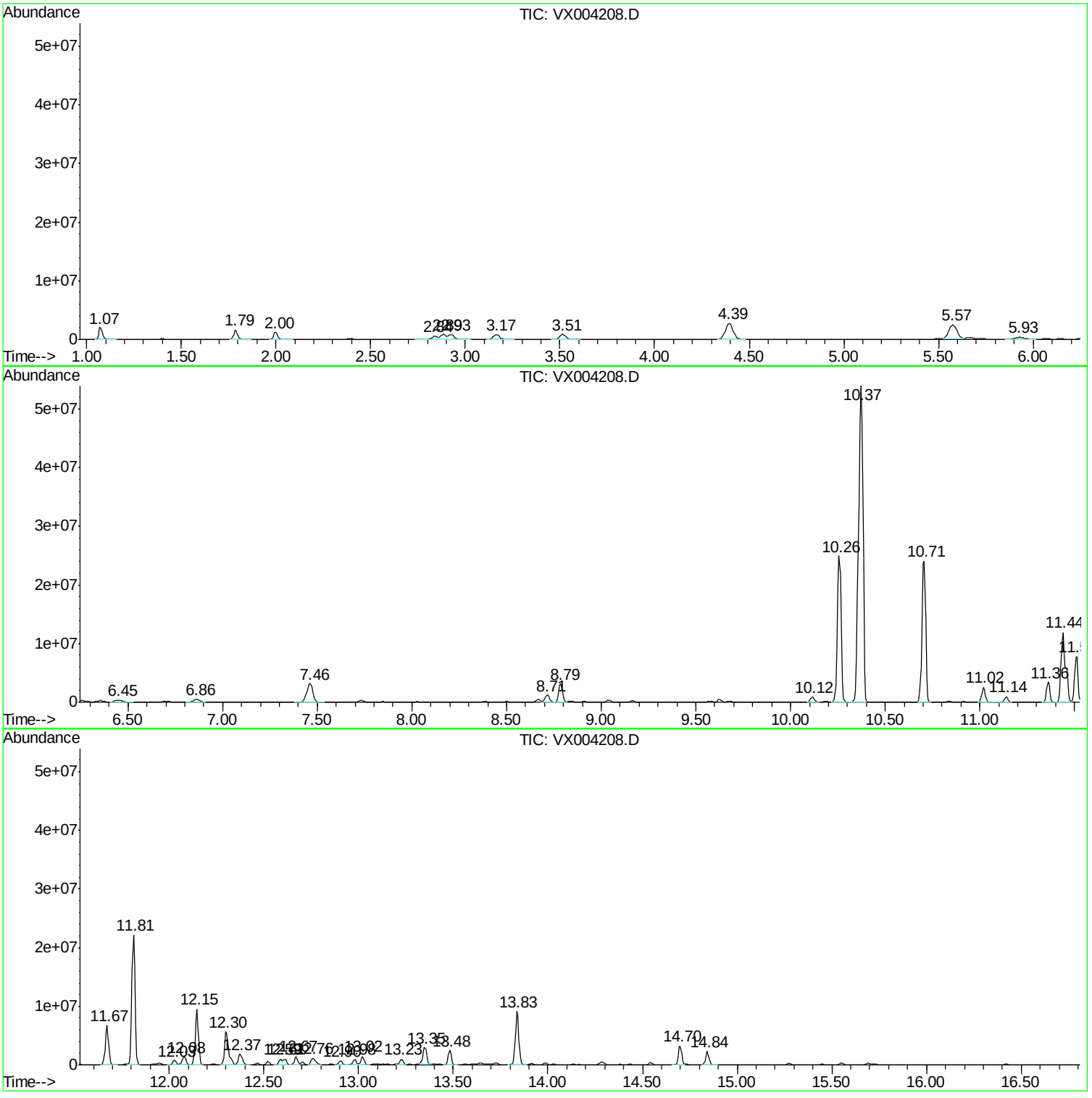
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
Data File : VX004208.D
Acq On : 22 Aug 2018 19:30
Operator : JC/MD
Sample : J4579-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0545

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.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\VX082218\
Data File : VX004208.D
Acq On : 22 Aug 2018 19:30
Operator : JC/MD
Sample : J4579-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0545

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

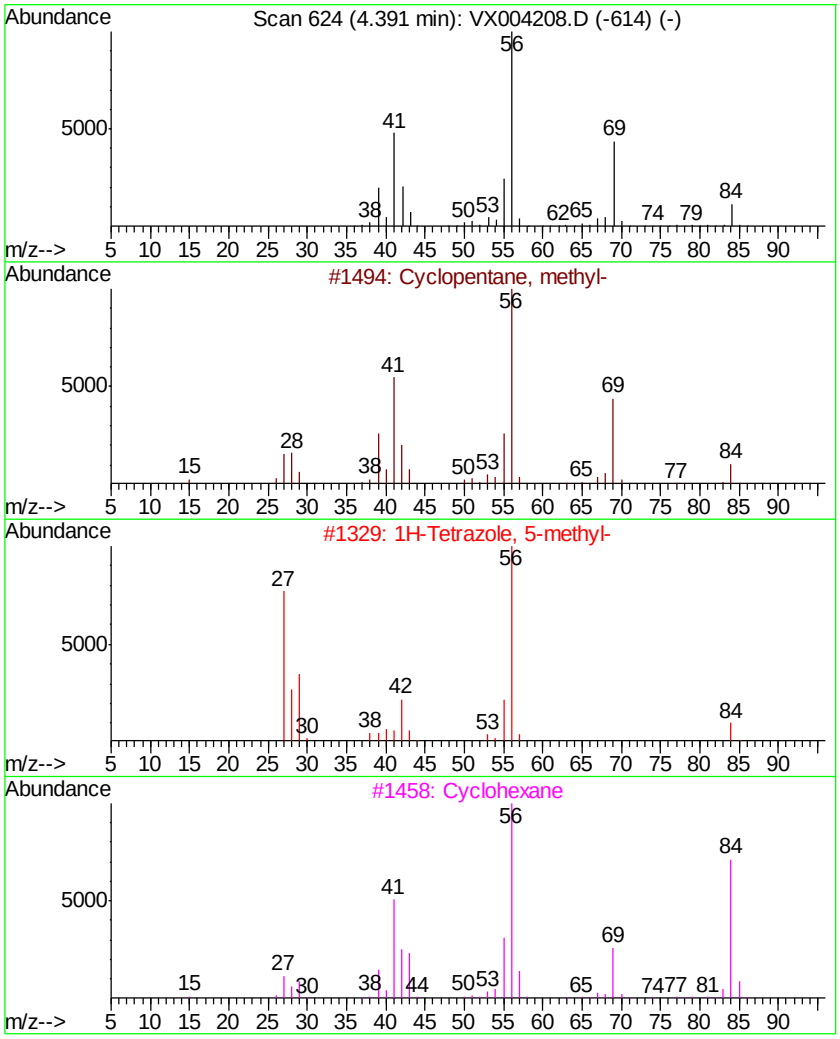
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

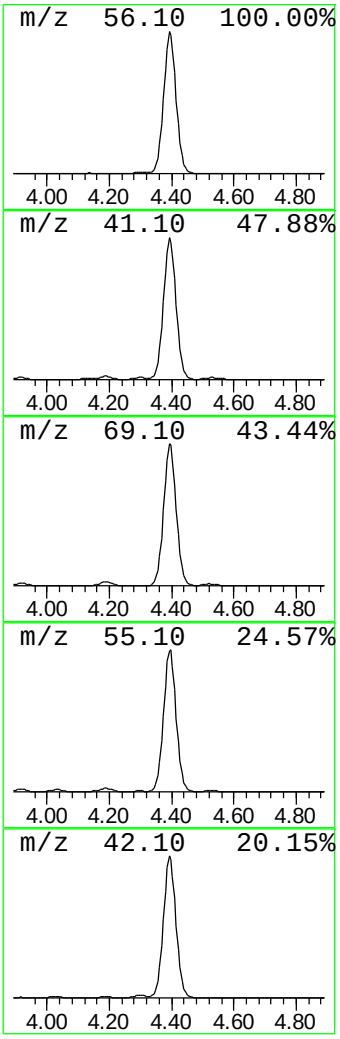
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	54.51 ug/l	7823440	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
3	Cyclohexane	84	C6H12	000110-82-7	64
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclobutane, butyl-	112	C8H16	013152-44-8	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Data File : VX004208.D
Acq On : 22 Aug 2018 19:30
Operator : JC/MD
Sample : J4579-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0545

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

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

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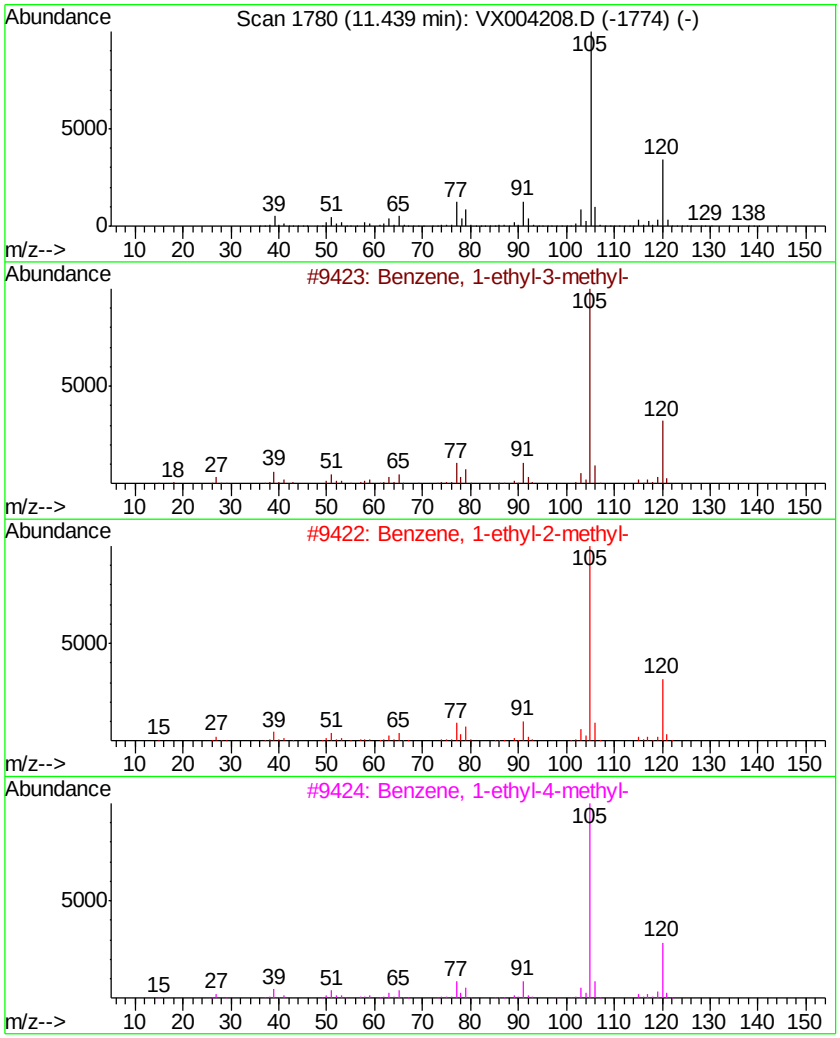
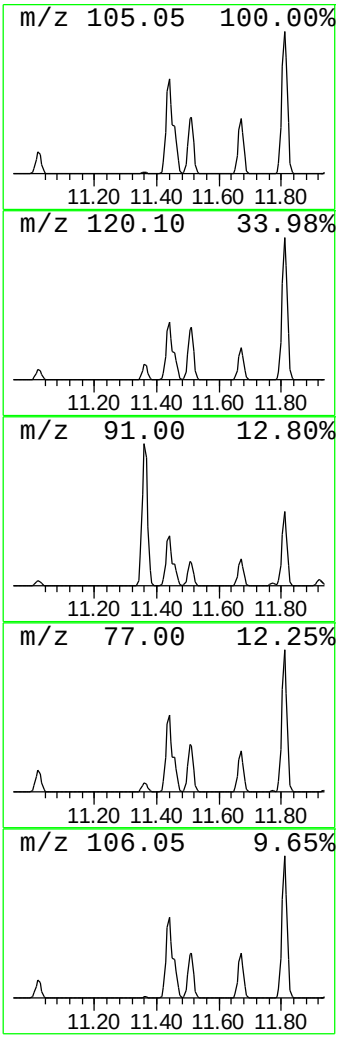
Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	515.10 ug/l	20156300	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Data File : VX004208.D
Acq On : 22 Aug 2018 19:30
Operator : JC/MD
Sample : J4579-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0545

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

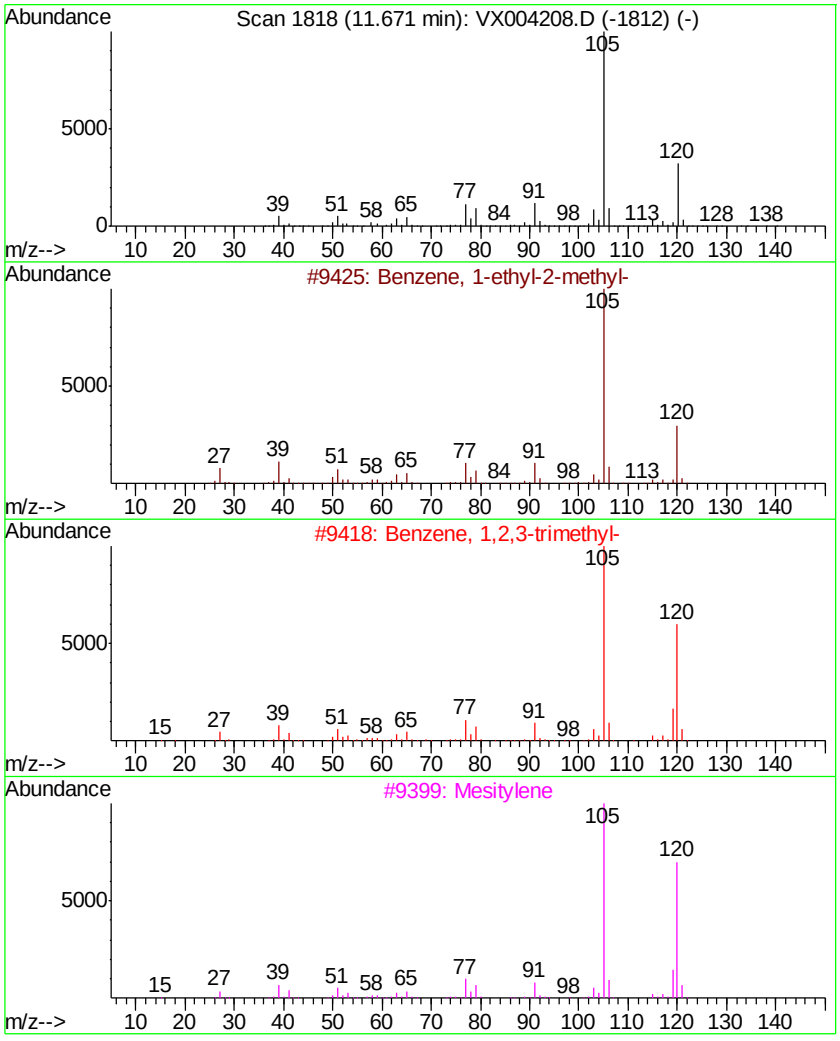
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

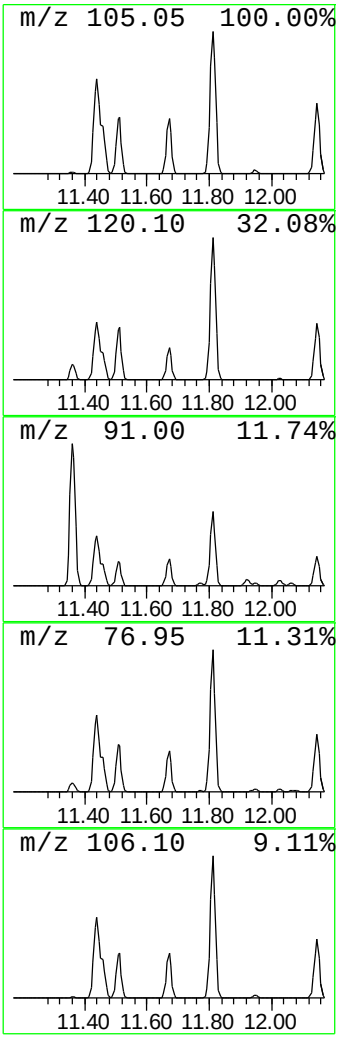
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	209.69 ug/l	8205480	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	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Data File : VX004208.D
Acq On : 22 Aug 2018 19:30
Operator : JC/MD
Sample : J4579-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0545

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

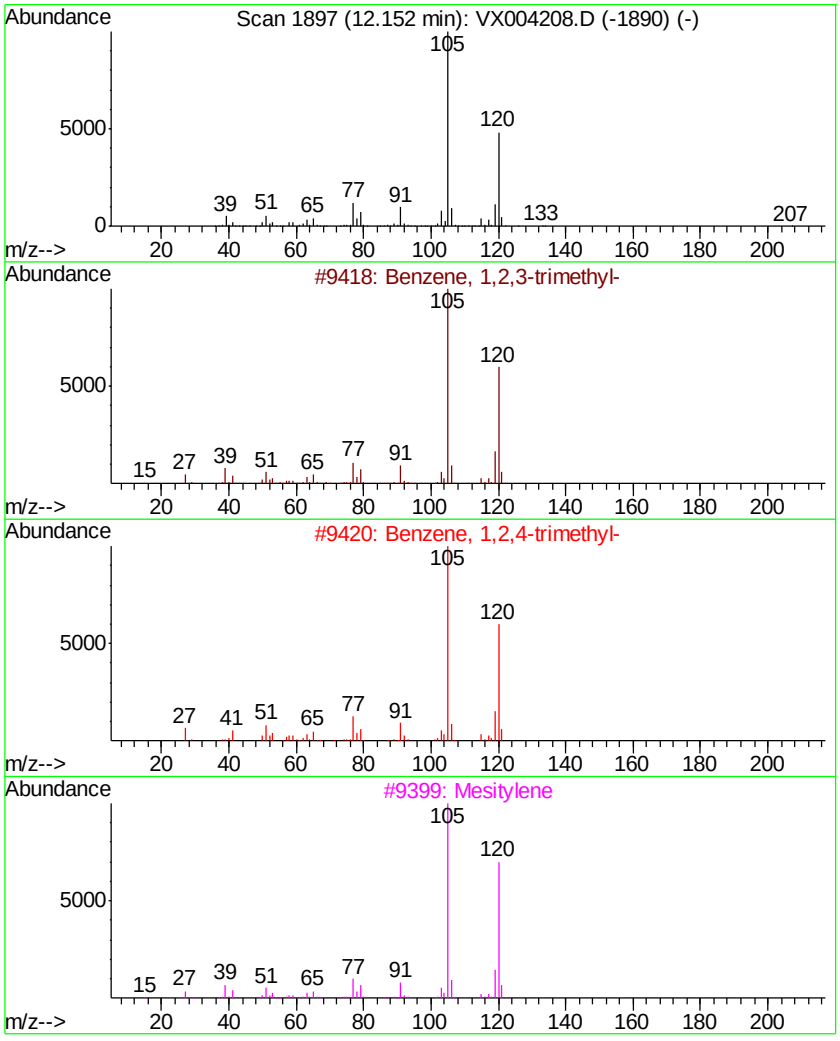
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

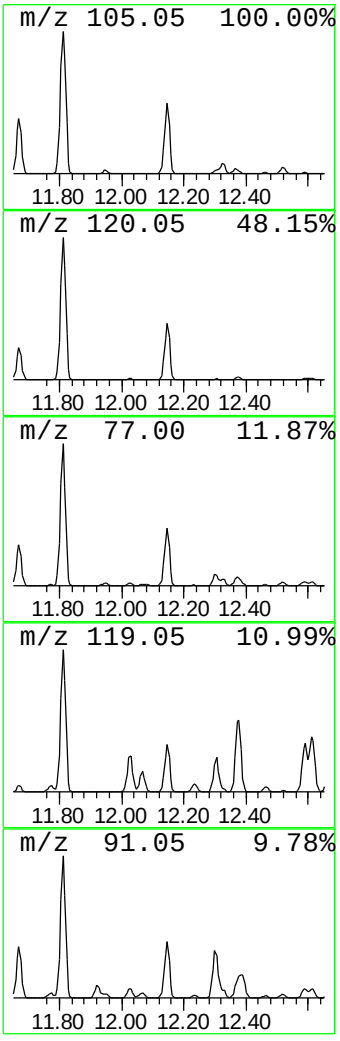
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	285.76 ug/l	11182000	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
Data File : VX004208.D
Acq On : 22 Aug 2018 19:30
Operator : JC/MD
Sample : J4579-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0545

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

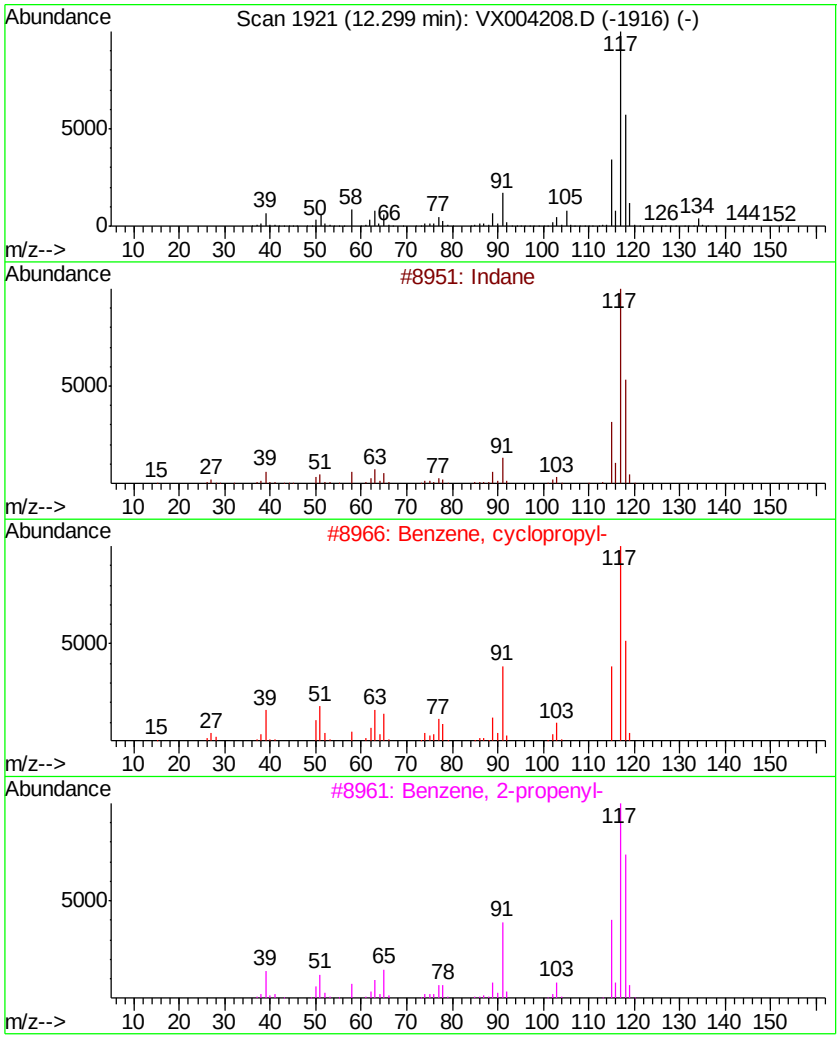
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

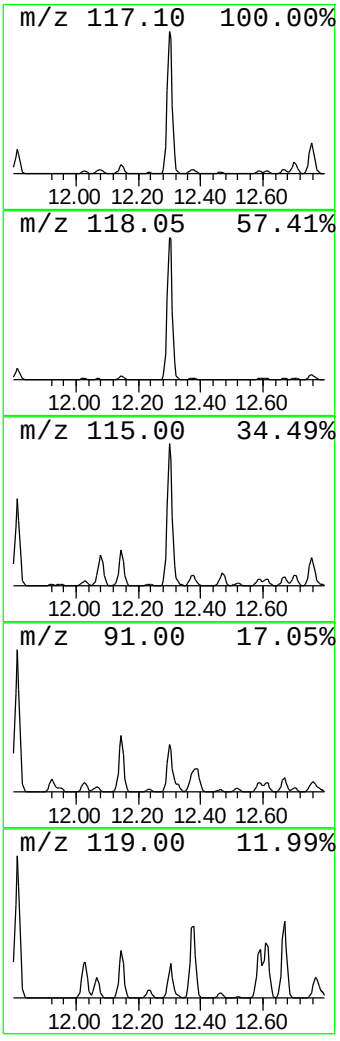
****

Peak Number 5 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	213.42 ug/l	8351100	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
4	Deltacyclene	118	C9H10	007785-10-6	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Data File : VX004208.D
Acq On : 22 Aug 2018 19:30
Operator : JC/MD
Sample : J4579-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0545

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

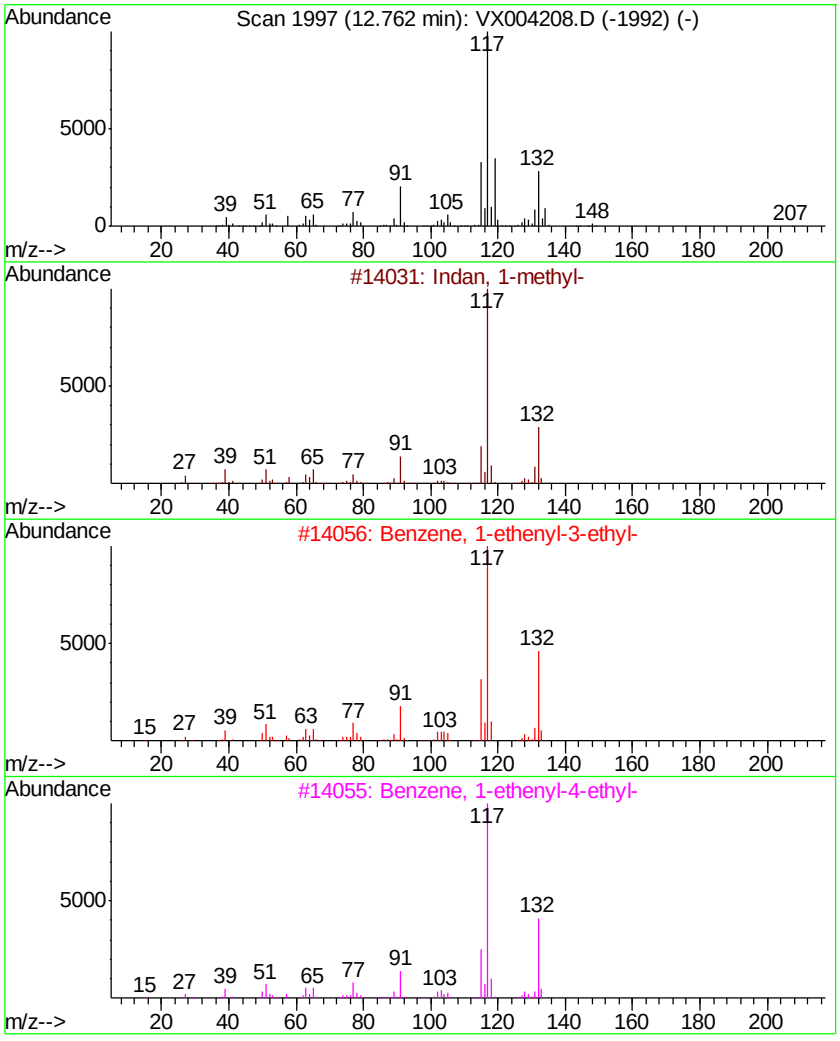
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

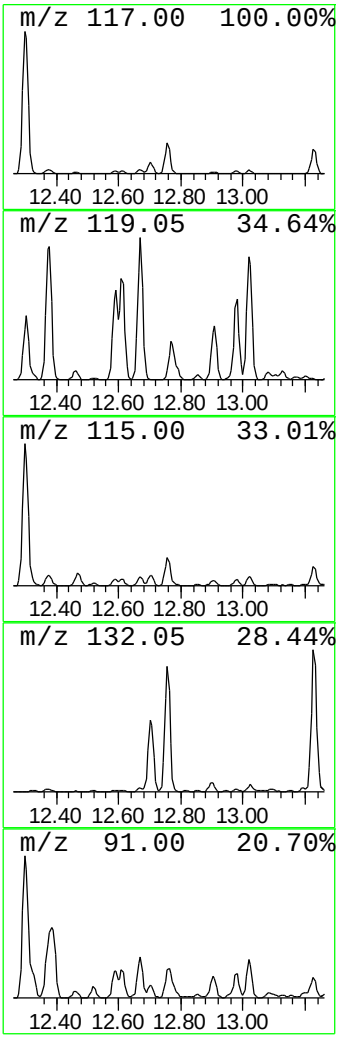
****

Peak Number 6 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	47.56 ug/l	1861210	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	94
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
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Operator : JC/MD
Sample : J4579-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0545

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

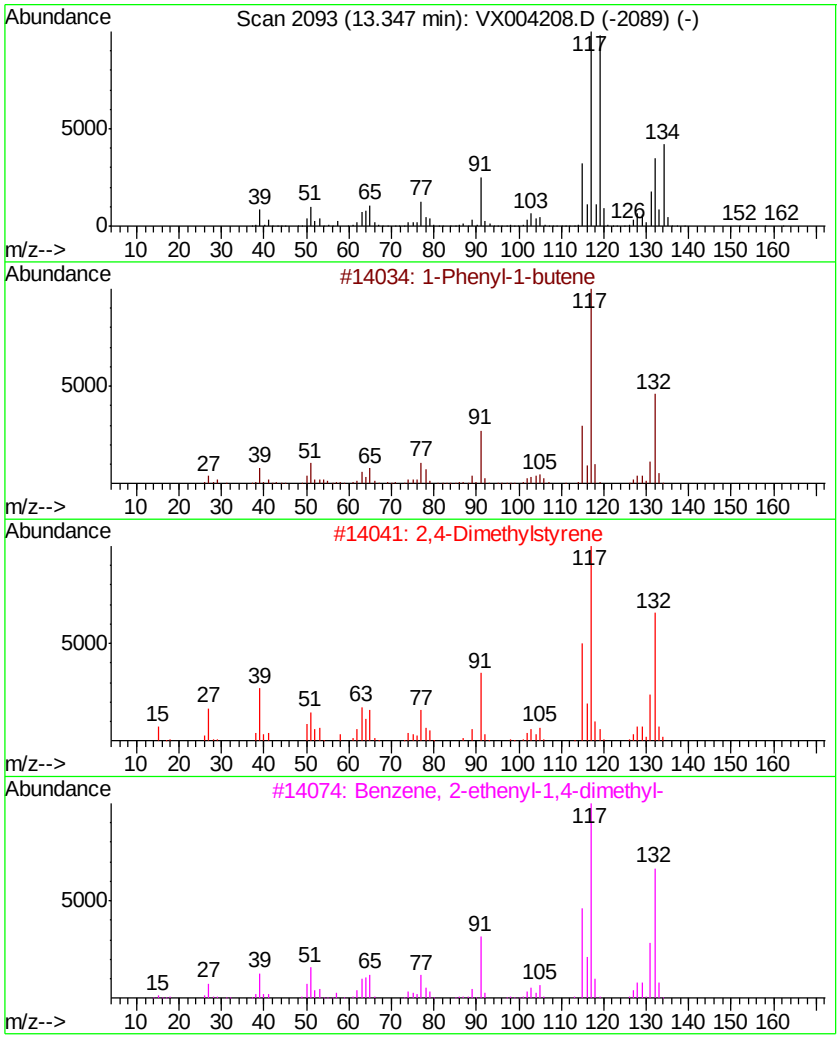
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

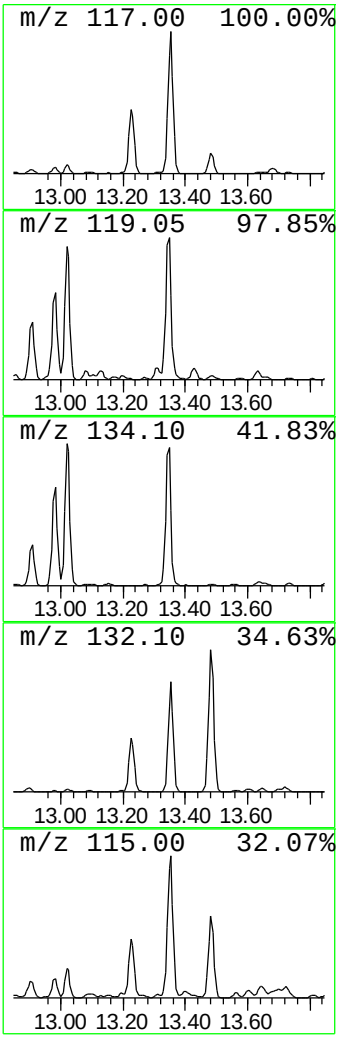
****

Peak Number 7 1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	100.56 ug/l	3935120	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	78
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	78
4	o-Cymene	134	C10H14	000527-84-4	55
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Data File : VX004208.D
Acq On : 22 Aug 2018 19:30
Operator : JC/MD
Sample : J4579-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0545

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

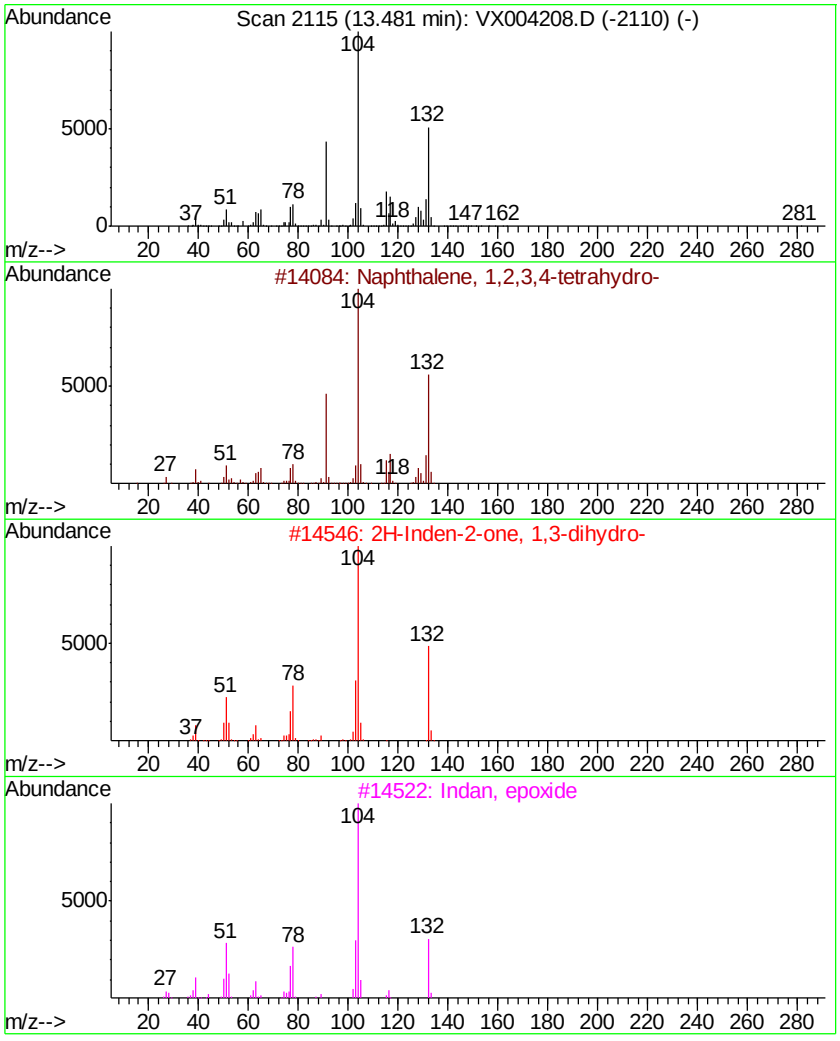
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

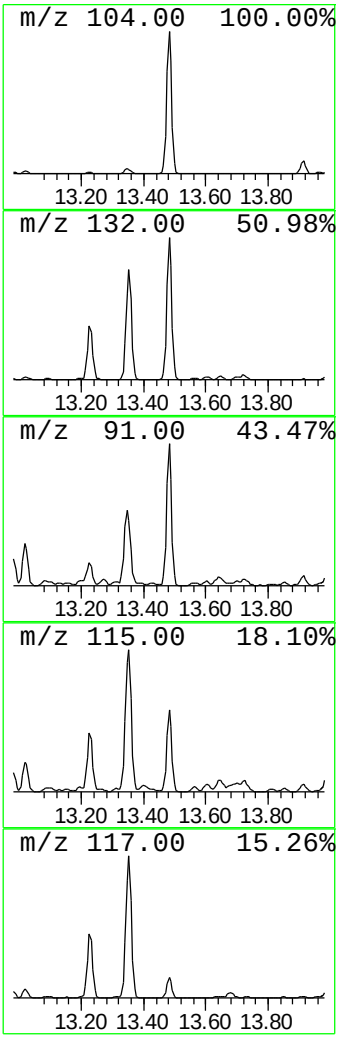
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	75.17 ug/l	2941420	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
3	Indan, epoxide	132	C9H8O	000768-22-9	52
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	49
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
Data File : VX004208.D
Acq On : 22 Aug 2018 19:30
Operator : JC/MD
Sample : J4579-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0545

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

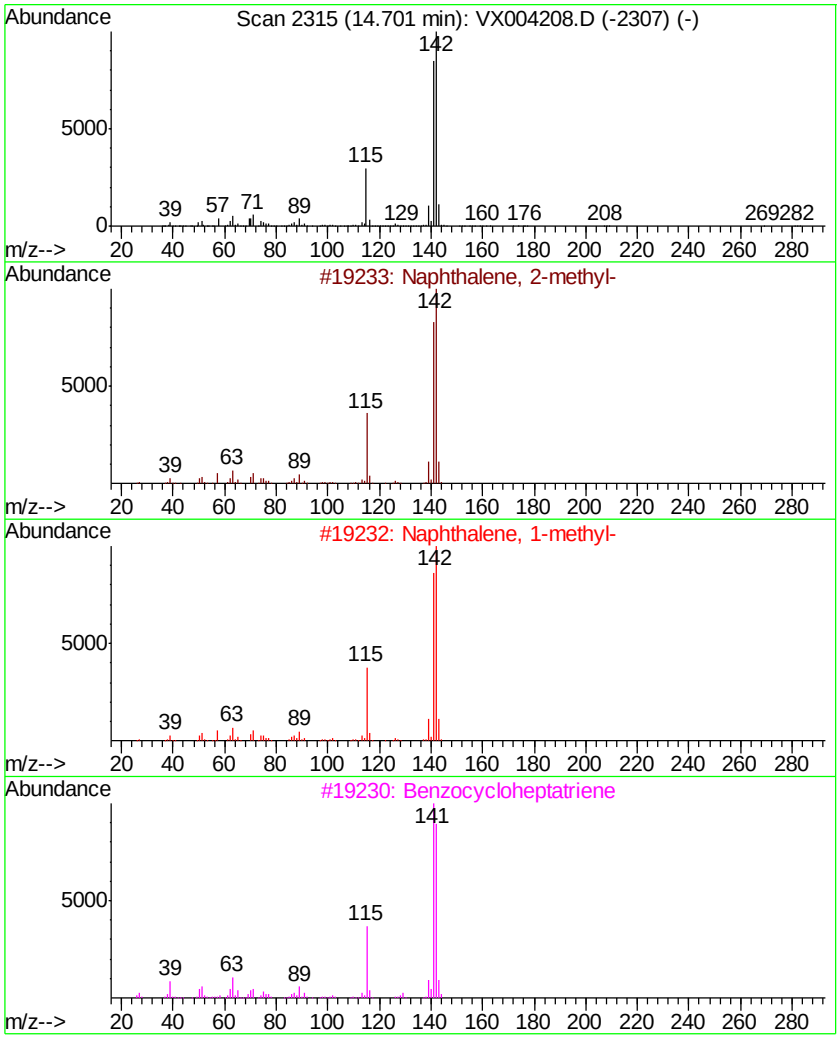
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

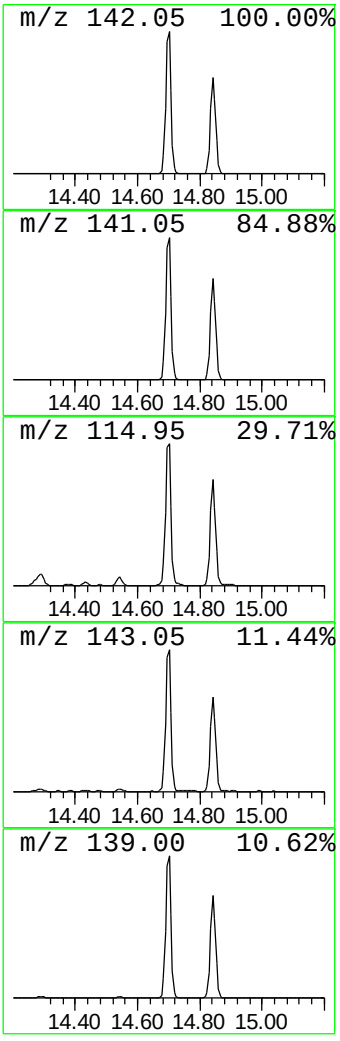
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	105.65 ug/l	4134160	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	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Data File : VX004208.D
Acq On : 22 Aug 2018 19:30
Operator : JC/MD
Sample : J4579-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0545

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.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
Cyclopentane, met...	4.39	54.5	ug/l	7823440	1	5.67	7176610	50.0
Benzene, 1-ethyl-...	11.44	515.1	ug/l	20156300	4	12.08	1956530	50.0
Benzene, 1-ethyl-...	11.67	209.7	ug/l	8205480	4	12.08	1956530	50.0
Benzene, 1,2,3-tr...	12.15	285.8	ug/l	11182000	4	12.08	1956530	50.0
Indane	12.30	213.4	ug/l	8351100	4	12.08	1956530	50.0
Indan, 1-methyl-	12.76	47.6	ug/l	1861210	4	12.08	1956530	50.0
1-Phenyl-1-butene	13.35	100.6	ug/l	3935120	4	12.08	1956530	50.0
Naphthalene, 1,2,...	13.48	75.2	ug/l	2941420	4	12.08	1956530	50.0
Naphthalene, 1-me...	14.70	105.7	ug/l	4134160	4	12.08	1956530	50.0