LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
Data File : VX003935.D
Acq On : 08 Aug 2018 20:25
Operator : JC/MD
Sample : J4387-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0556

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\82X080618W.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	67	80	92	rBV	1108024	1520071	1.46%	0.328%
2	1.404	130	134	152	rVB	2759320	3157935	3.04%	0.682%
3	1.788	191	197	216	rVB	4864378	6724942	6.47%	1.451%
4	1.995	226	231	247	rVB	8188987	11893331	11.44%	2.567%
5	2.885	372	377	381	rVV	2342090	5039318	4.85%	1.088%
6	2.928	381	384	402	rVB	1726495	3244955	3.12%	0.700%
7	3.166	413	423	441	rVB	2187823	4967728	4.78%	1.072%
8	3.519	471	481	495	rBV	2687204	6018385	5.79%	1.299%
9	4.397	614	625	640	rVB	6419305	18459398	17.76%	3.984%
10	5.580	790	819	830	rBV2	5379994	17982513	17.30%	3.881%
11	5.927	863	876	891	rBV4	908280	3060748	2.94%	0.661%
12	6.257	914	930	940	rBV2	610204	1991192	1.92%	0.430%
13	6.354	940	946	954	rVV	587849	1601161	1.54%	0.346%
14	6.452	954	962	973	rVB	981412	2680334	2.58%	0.579%
15	6.702	993	1003	1012	rBV	704480	1670497	1.61%	0.361%
16	6.866	1021	1030	1037	rBV	497663	1198456	1.15%	0.259%
17	7.464	1114	1128	1140	rBV	7211583	16078381	15.47%	3.470%
18	7.732	1164	1172	1182	rVB	680711	1334327	1.28%	0.288%
19	8.665	1319	1325	1329	rBV2	682398	1262876	1.22%	0.273%
20	8.713	1329	1333	1339	rVB	1245155	2203207	2.12%	0.476%
21	8.787	1339	1345	1350	rBV	1207097	1801283	1.73%	0.389%
22	10.116	1558	1563	1569	rVB	1032229	1376597	1.32%	0.297%
23	10.262	1580	1587	1595	rBV	27359035	39676396	38.18%	8.564%
24	10.372	1595	1605	1611	rBV2	60145240	103931450	100.00%	22.432%
25	10.707	1654	1660	1665	rBV2	41848270	59568996	57.32%	12.857%
26	11.018	1706	1711	1725	rVB	3849928	5044211	4.85%	1.089%
27	11.140	1725	1731	1736	rBV	1078490	1363679	1.31%	0.294%
28	11.359	1762	1767	1774	rBV	5023018	6239056	6.00%	1.347%
29	11.439	1774	1780	1787	rVV	15921398	28216636	27.15%	6.090%
30	11.512	1787	1792	1801	rVB	10275069	12322842	11.86%	2.660%
31	11.670	1812	1818	1828	rBV	8430039	10045442	9.67%	2.168%
32	11.810	1836	1841	1846	rVB	25436224	32059076	30.85%	6.919%
33	12.030	1870	1877	1880	rBV	983813	1178386	1.13%	0.254%
34	12.079	1880	1885	1890	rVB3	1409062	2216175	2.13%	0.478%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
Data File : VX003935.D
Acq On : 08 Aug 2018 20:25
Operator : JC/MD
Sample : J4387-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0556

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\82X080618W.M
Title : SW846 8260

35	12.146	1890	1896	1901	rBV	10029005	12038178	11.58%	2.598%
36	12.304	1916	1922	1924	rBV	2889022	3796173	3.65%	0.819%
37	12.371	1929	1933	1942	rVB3	1624065	2468810	2.38%	0.533%
38	12.591	1964	1969	1971	rBV	871548	1208867	1.16%	0.261%
39	12.670	1977	1982	1985	rBV	1134598	1309889	1.26%	0.283%
40	12.761	1992	1997	2004	rBV3	945557	1614887	1.55%	0.349%
41	13.024	2036	2040	2046	rVB	1197678	1488183	1.43%	0.321%
42	13.347	2089	2093	2099	rVB2	2298777	3132237	3.01%	0.676%
43	13.481	2110	2115	2121	rVB	1681964	2079285	2.00%	0.449%
44	13.841	2165	2174	2181	rVB	7529713	9877460	9.50%	2.132%
45	14.700	2307	2315	2325	rVB	3540484	4410004	4.24%	0.952%
46	14.840	2332	2338	2347	rBV	2216422	2764778	2.66%	0.597%

Sum of corrected areas: 463318731

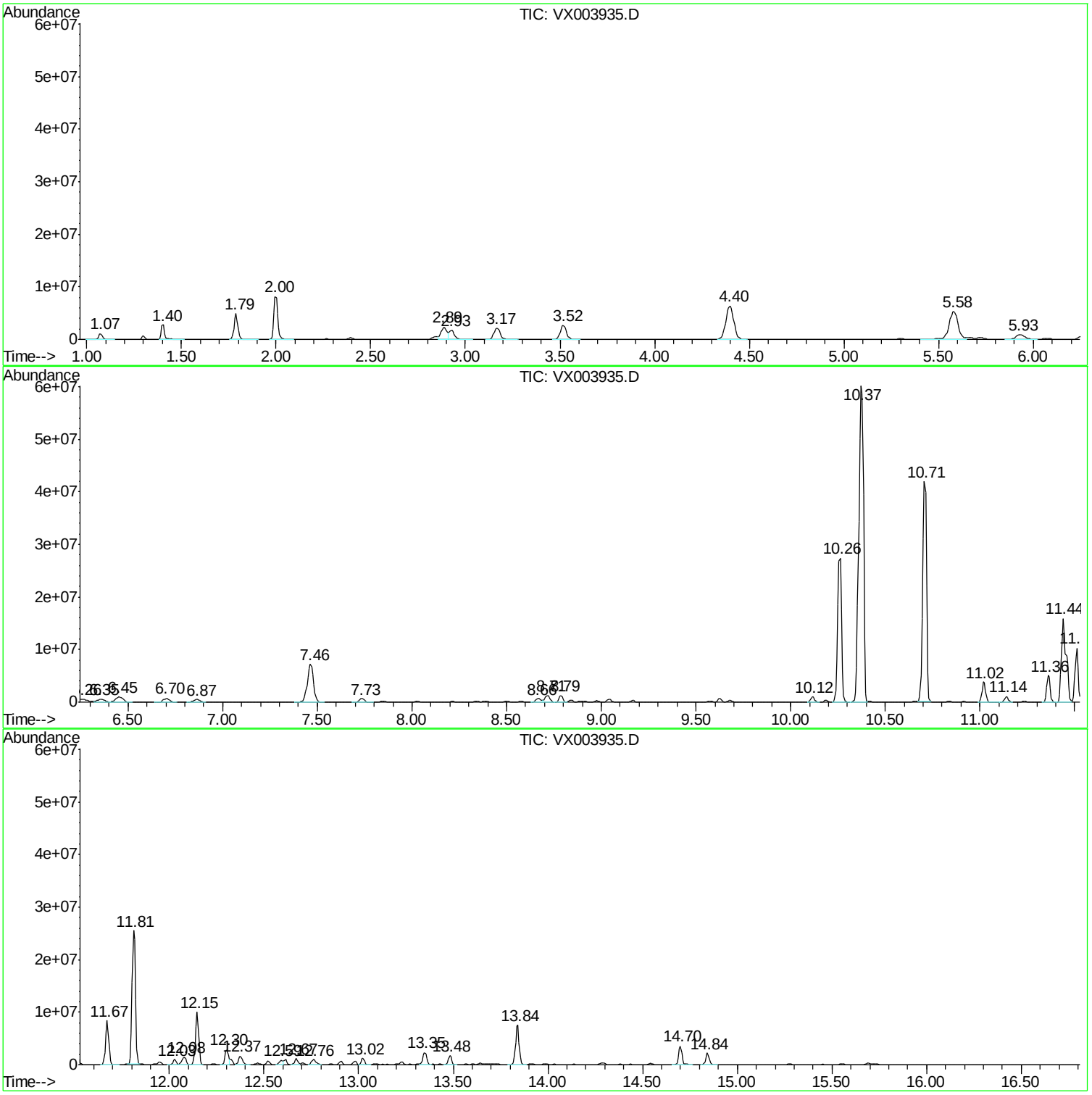
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
Data File : VX003935.D
Acq On : 08 Aug 2018 20:25
Operator : JC/MD
Sample : J4387-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003935.D
Acq On : 08 Aug 2018 20:25
Operator : JC/MD
Sample : J4387-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

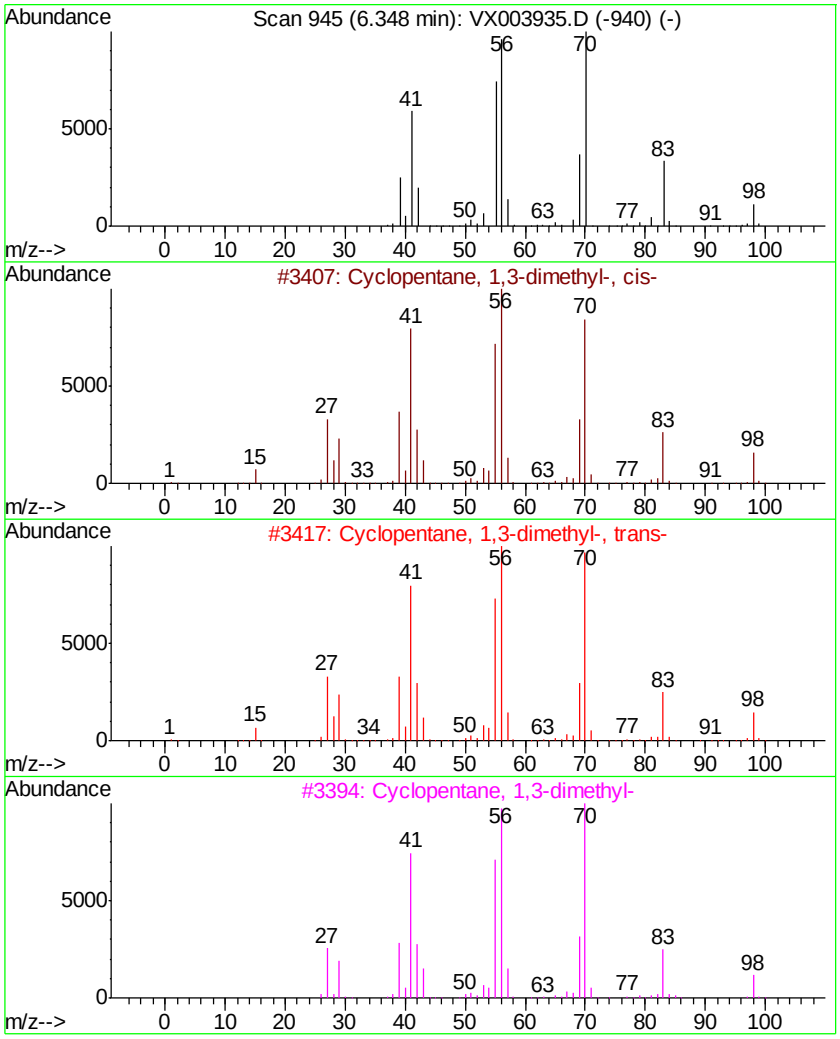
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

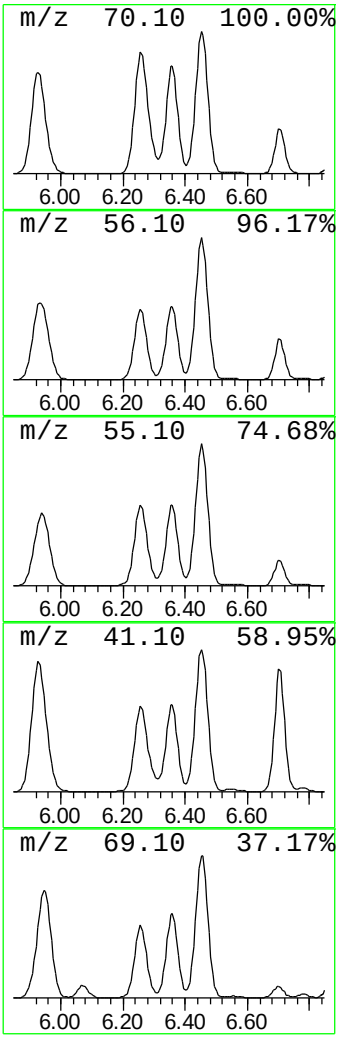
****

Peak Number 1 Cyclopentane, 1,3-dimethyl-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	66.80 ug/l	1601160	1,4-Difluorobenzene	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	91
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003935.D
Acq On : 08 Aug 2018 20:25
Operator : JC/MD
Sample : J4387-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

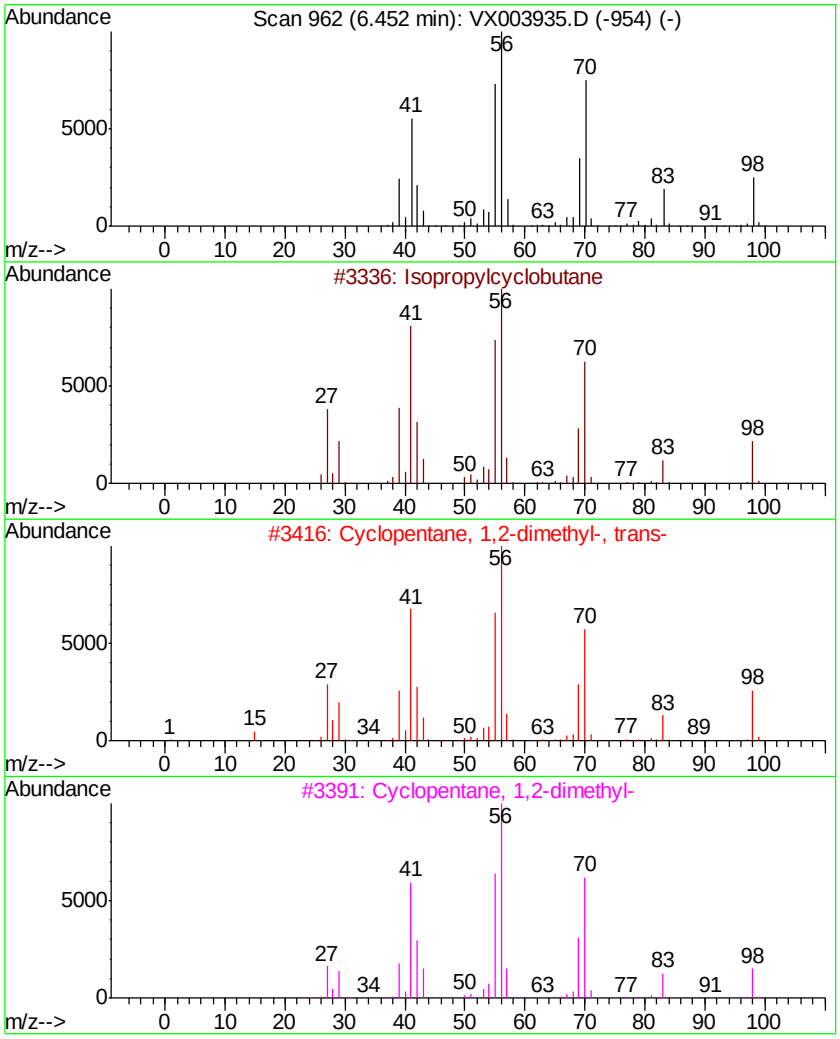
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

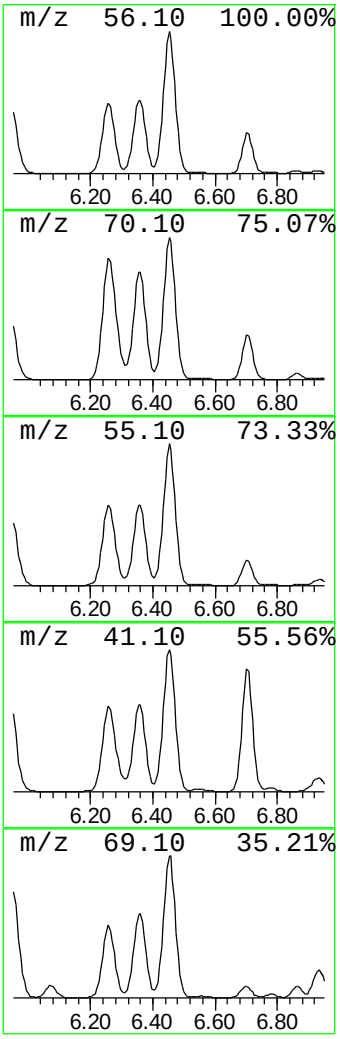
****

Peak Number 2 Isopropylcyclobutane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	111.82 ug/l	2680330	1,4-Difluorobenzene	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	94
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	90
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003935.D
Acq On : 08 Aug 2018 20:25
Operator : JC/MD
Sample : J4387-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

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

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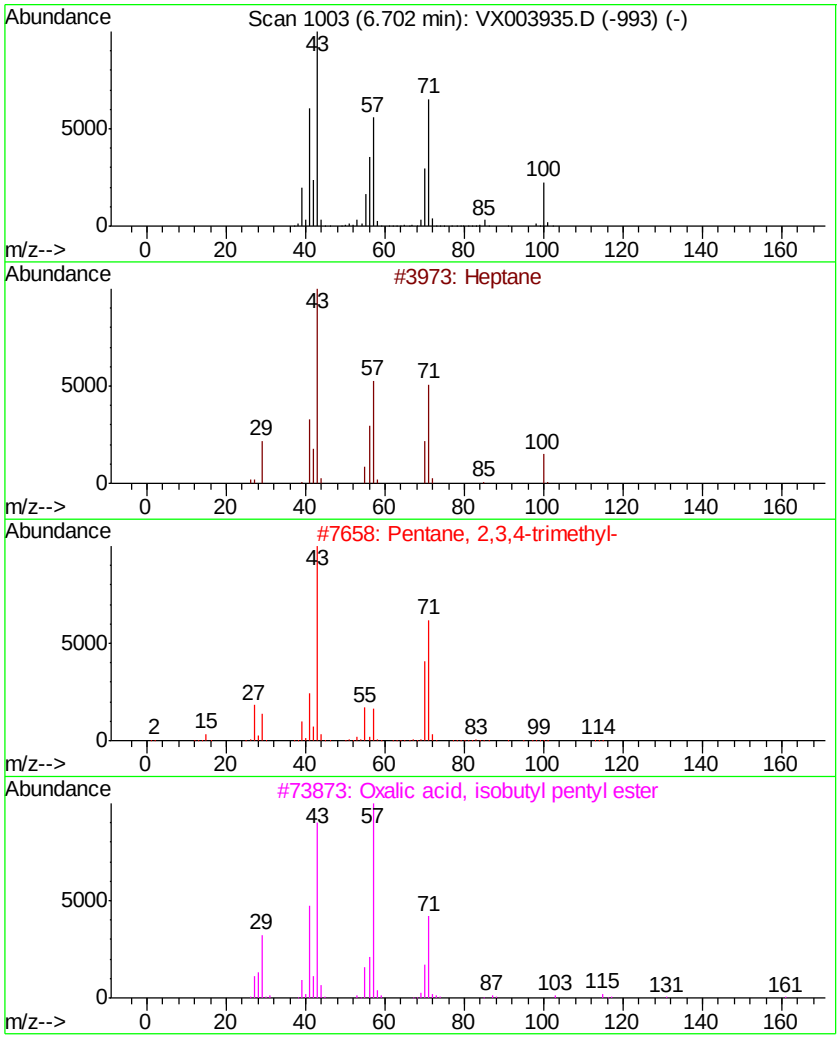
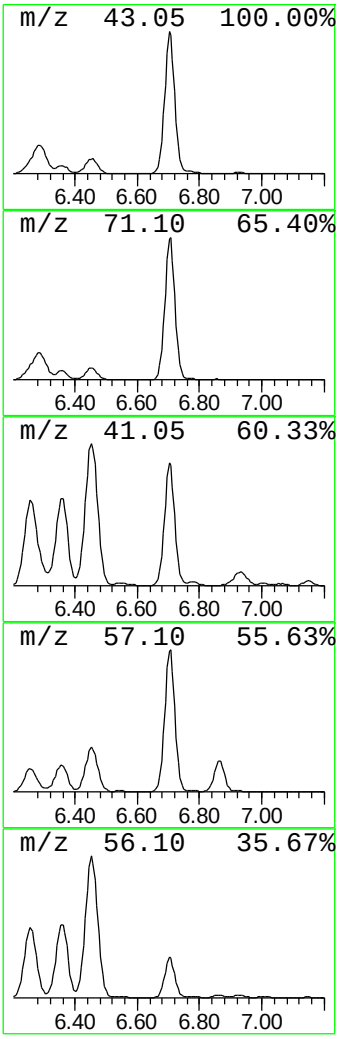
Peak Number 3 Heptane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	69.69 ug/l	1670500	1,4-Difluorobenzene	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	40
3	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	40
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	37





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003935.D
Acq On : 08 Aug 2018 20:25
Operator : JC/MD
Sample : J4387-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

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

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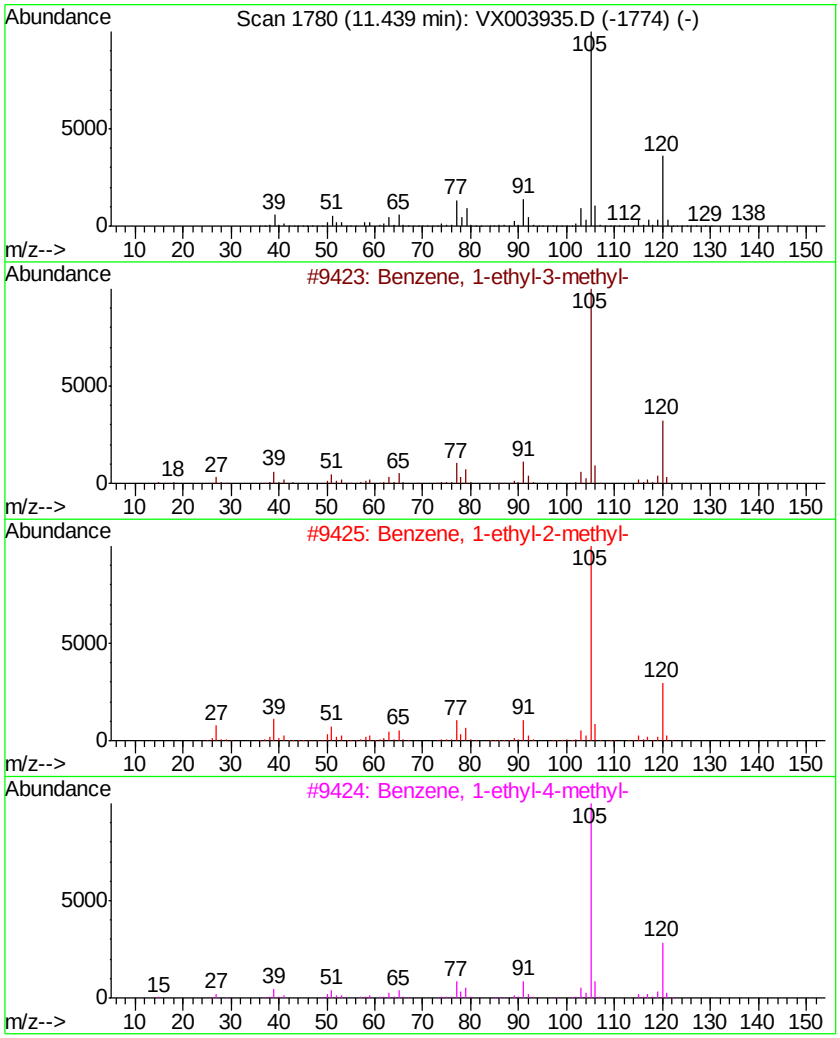
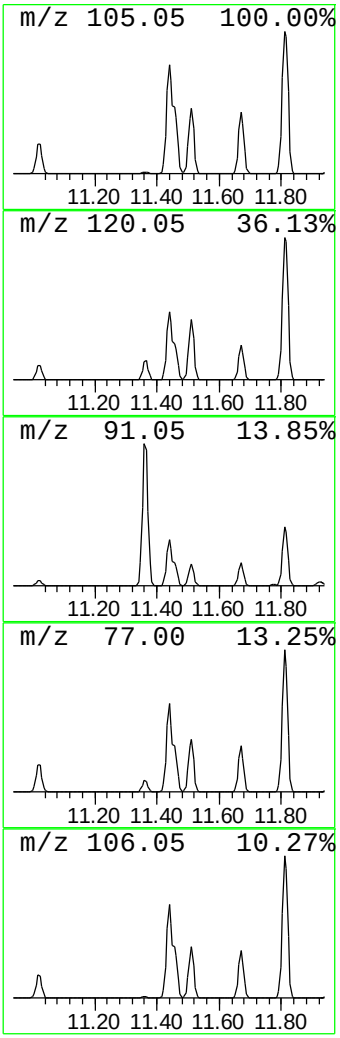
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	636.61 ug/l	28216600	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\VX080818\
Data File : VX003935.D
Acq On : 08 Aug 2018 20:25
Operator : JC/MD
Sample : J4387-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

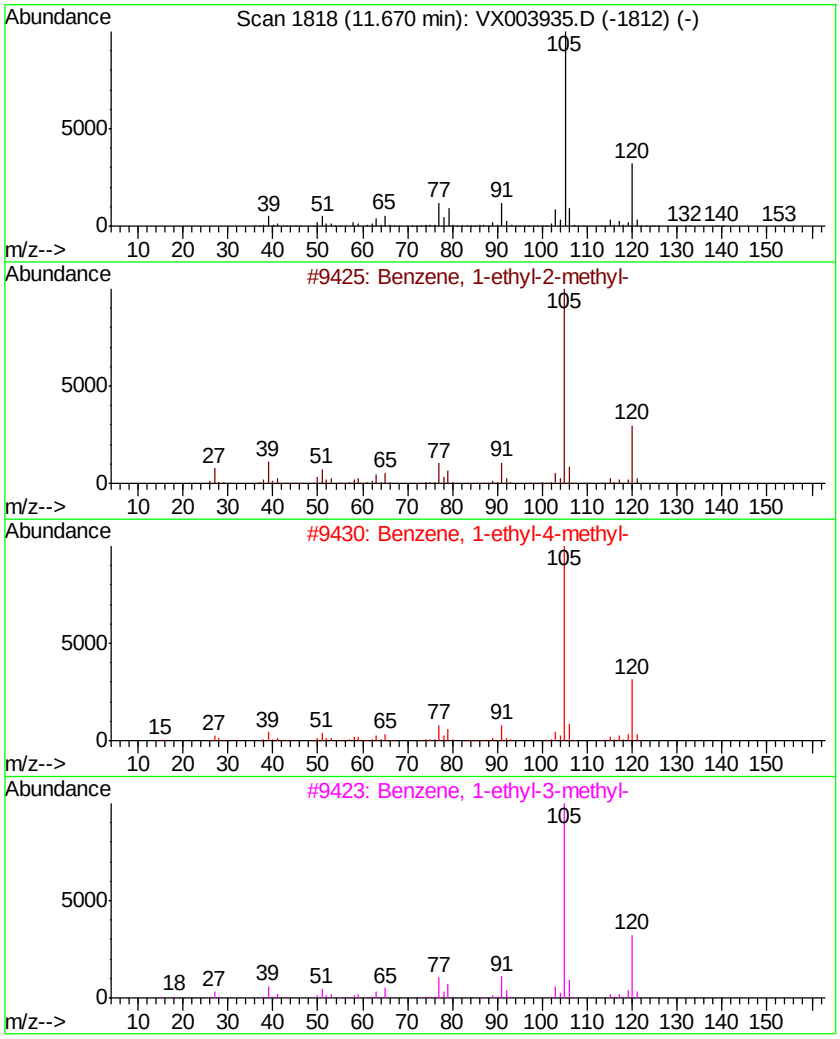
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

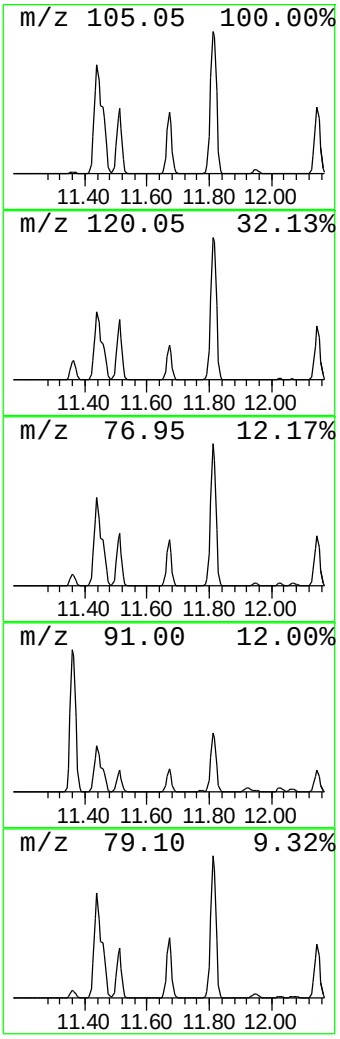
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	226.64 ug/l	10045400	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-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003935.D
Acq On : 08 Aug 2018 20:25
Operator : JC/MD
Sample : J4387-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

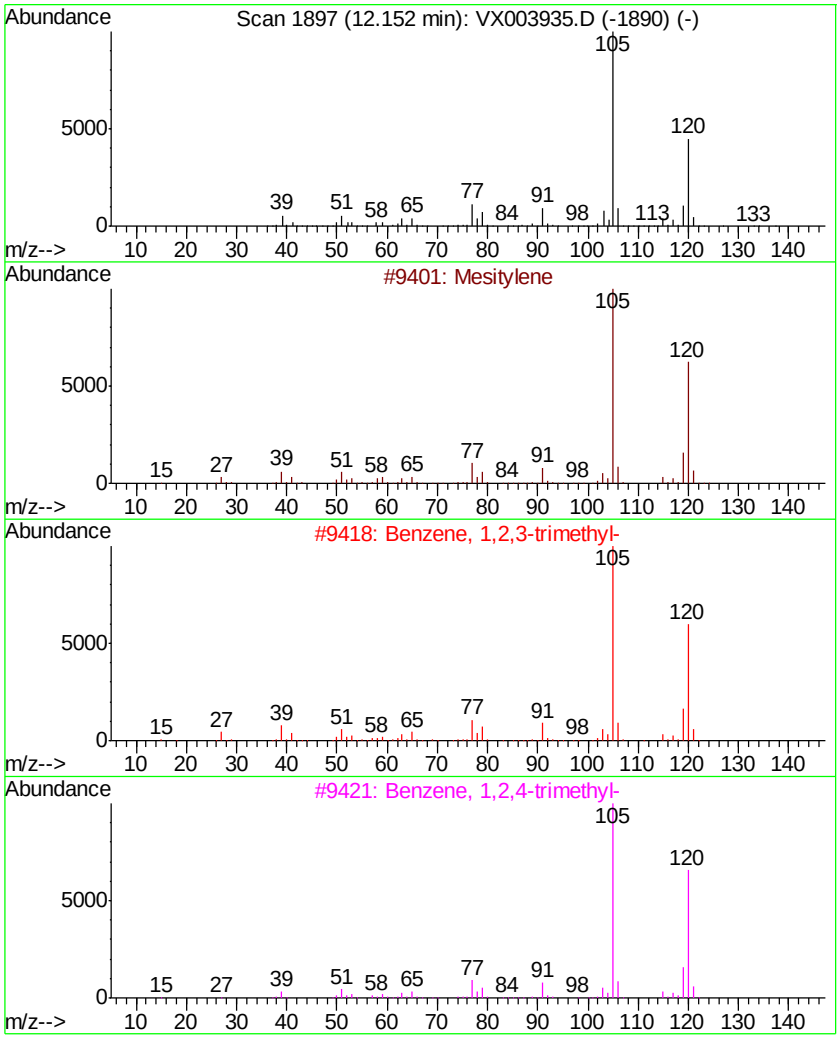
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

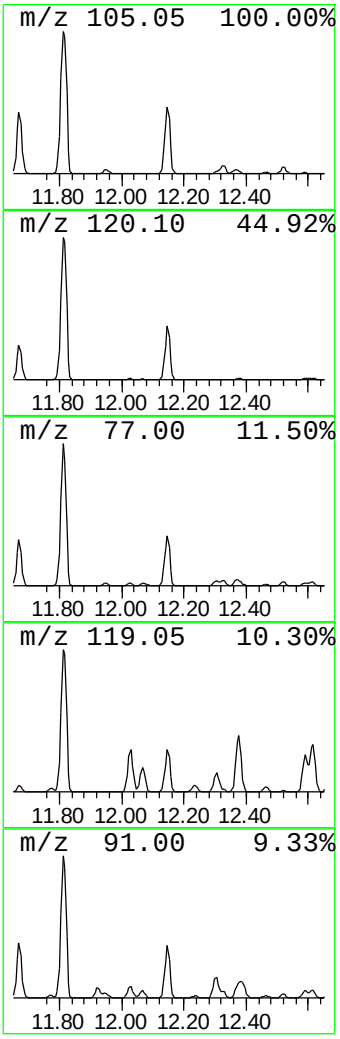
****

Peak Number 6 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	271.60 ug/l	12038200	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003935.D
Acq On : 08 Aug 2018 20:25
Operator : JC/MD
Sample : J4387-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

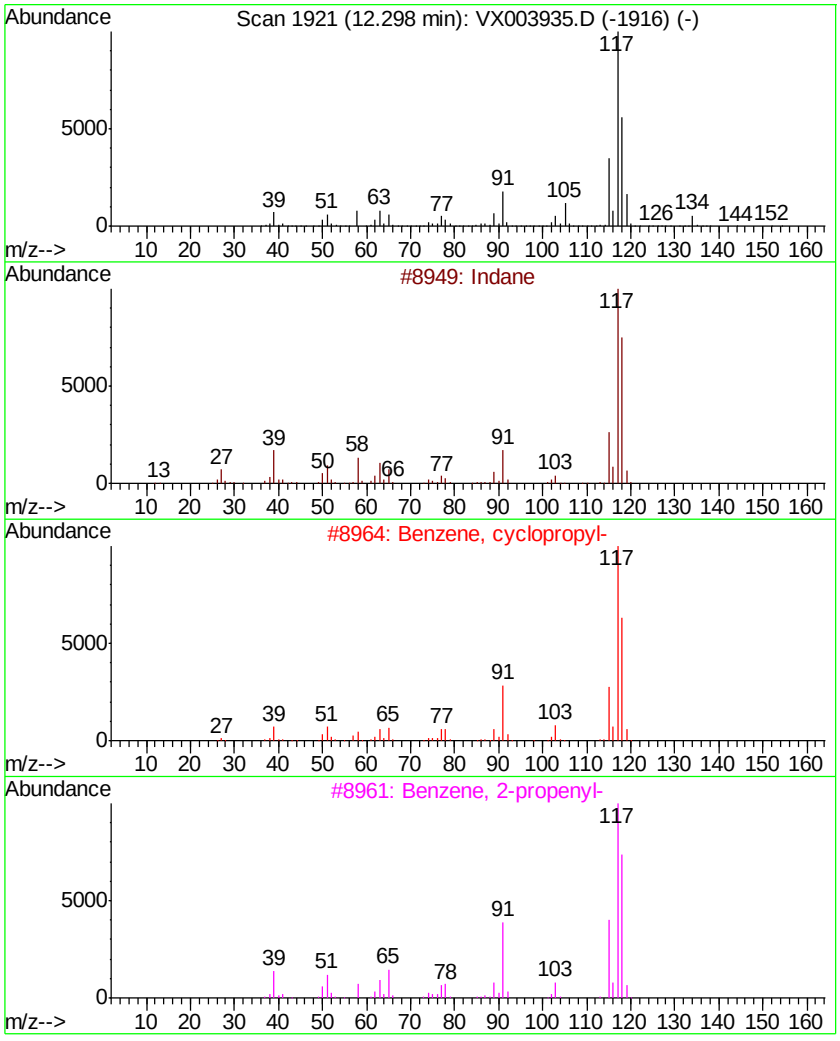
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

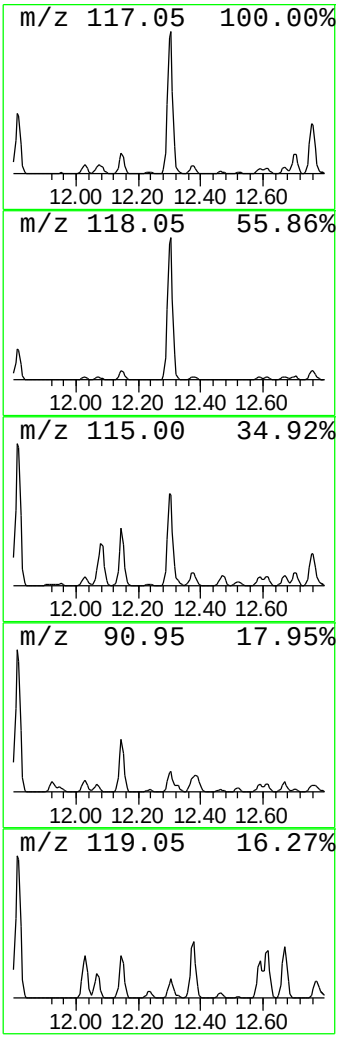
****

Peak Number 7 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	85.65 ug/l	3796170	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4	Deltacyclene	118	C9H10	007785-10-6	58
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003935.D
Acq On : 08 Aug 2018 20:25
Operator : JC/MD
Sample : J4387-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

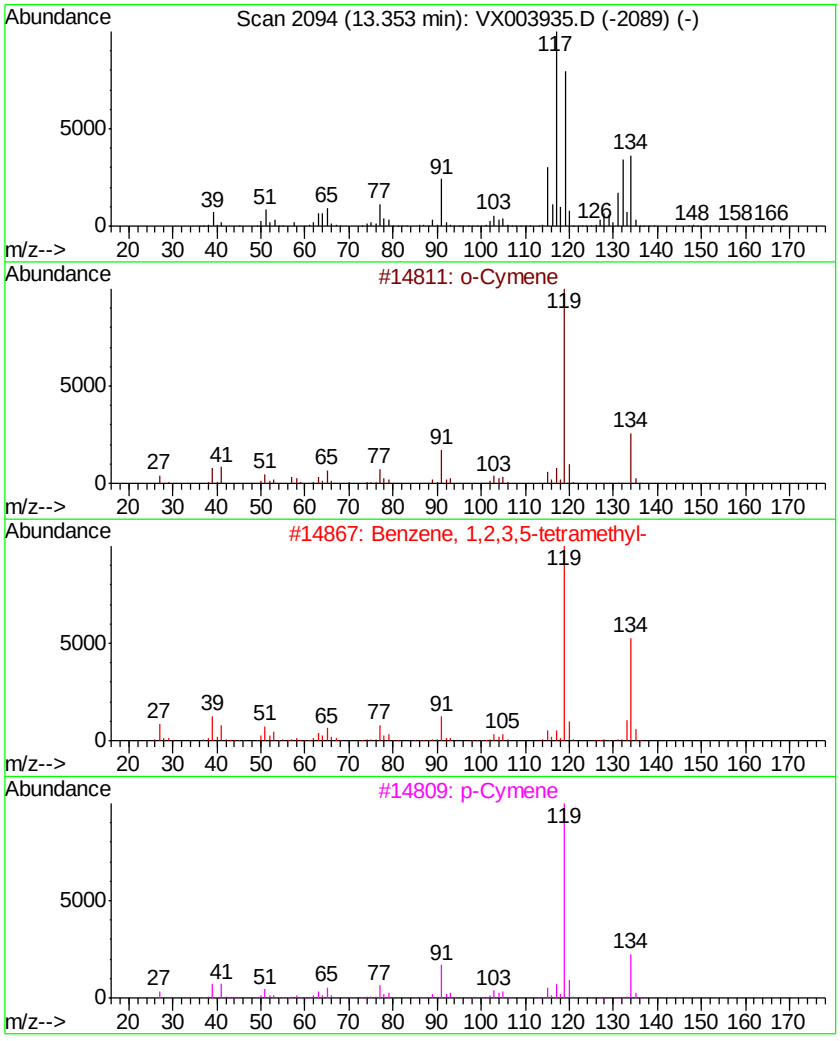
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

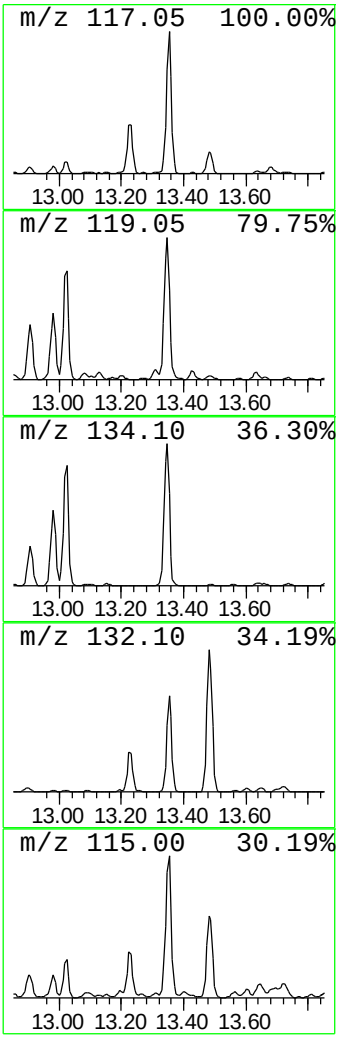
****

Peak Number 8 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	70.67 ug/l	3132240	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	64
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
3	p-Cymene	134	C10H14	000099-87-6	64
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
Data File : VX003935.D
Acq On : 08 Aug 2018 20:25
Operator : JC/MD
Sample : J4387-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

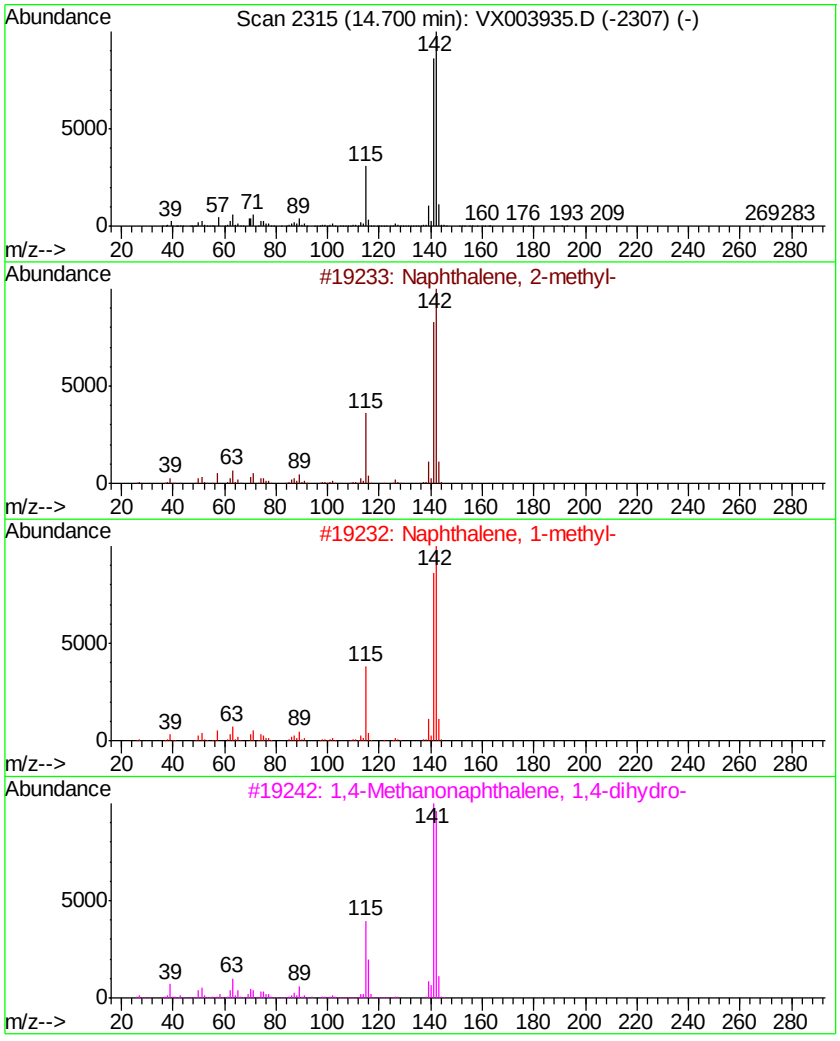
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

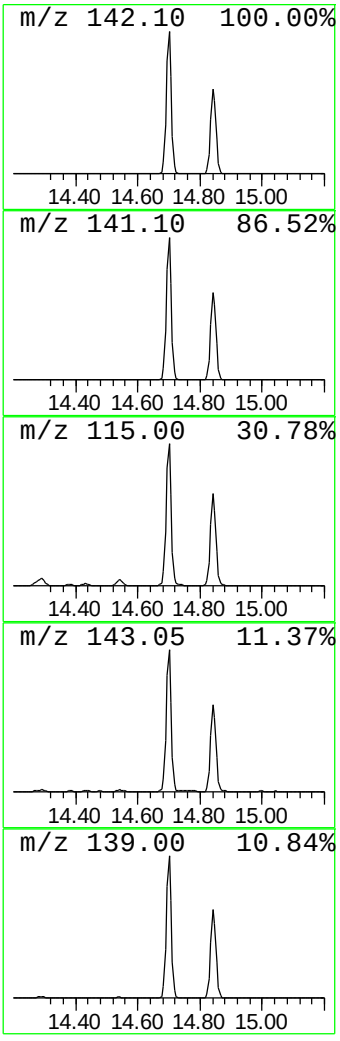
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	99.50 ug/l	4410000	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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003935.D
Acq On : 08 Aug 2018 20:25
Operator : JC/MD
Sample : J4387-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0556

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.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, 1,3...	6.35	66.8	ug/l	1601160	2	6.87	1198460	50.0
Isopropylcyclobutane	6.45	111.8	ug/l	2680330	2	6.87	1198460	50.0
Heptane	6.70	69.7	ug/l	1670500	2	6.87	1198460	50.0
Benzene, 1-ethyl-...	11.44	636.6	ug/l	28216600	4	12.08	2216180	50.0
Benzene, 1-ethyl-...	11.67	226.6	ug/l	10045400	4	12.08	2216180	50.0
Mesitylene	12.15	271.6	ug/l	12038200	4	12.08	2216180	50.0
Indane	12.30	85.7	ug/l	3796170	4	12.08	2216180	50.0
o-Cymene	13.35	70.7	ug/l	3132240	4	12.08	2216180	50.0
Naphthalene, 1-me...	14.70	99.5	ug/l	4410000	4	12.08	2216180	50.0