LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
Data File : VX003936.D
Acq On : 08 Aug 2018 20:51
Operator : JC/MD
Sample : J4387-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0555

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	1.294	113	116	130	rBV	1914267	2222432	1.28%	0.344%
2	1.398	130	133	141	rBV	7238729	8595612	4.96%	1.331%
3	1.788	191	197	212	rVB	3779880	5312094	3.07%	0.822%
4	1.995	226	231	245	rVB	5144725	7441173	4.30%	1.152%
5	2.886	372	377	380	rVV	1862548	3807961	2.20%	0.590%
6	2.928	380	384	405	rVB	2626799	5354308	3.09%	0.829%
7	3.166	413	423	440	rVB	1691322	3834473	2.21%	0.594%
8	3.520	471	481	496	rBV	2206225	4987383	2.88%	0.772%
9	4.397	613	625	641	rVB	5675317	16529739	9.55%	2.559%
10	5.580	791	819	829	rBV	4808051	16022755	9.25%	2.481%
11	5.928	863	876	890	rBV4	621279	2121598	1.23%	0.328%
12	6.452	954	962	974	rVB	672219	1855168	1.07%	0.287%
13	7.464	1115	1128	1140	rBV	5473621	12187843	7.04%	1.887%
14	8.726	1329	1335	1339	rVV	1006455	1880182	1.09%	0.291%
15	8.817	1339	1350	1356	rVV3	63266989	173175543	100.00%	26.813%
16	10.262	1580	1587	1592	rBV	34531891	49988466	28.87%	7.740%
17	10.378	1596	1606	1611	rBV3	69177733	126088092	72.81%	19.523%
18	10.713	1654	1661	1666	rVB2	48560075	73507767	42.45%	11.381%
19	11.018	1706	1711	1724	rVB	3639799	4556537	2.63%	0.706%
20	11.360	1762	1767	1774	rBV	4090156	5009598	2.89%	0.776%
21	11.439	1774	1780	1787	rVV	15207557	26124819	15.09%	4.045%
22	11.512	1787	1792	1800	rVB	8645525	10606624	6.12%	1.642%
23	11.671	1810	1818	1828	rBV	8547048	10298507	5.95%	1.595%
24	11.811	1836	1841	1846	rVB	24235068	30301369	17.50%	4.692%
25	12.079	1880	1885	1890	rVB2	1501977	2135700	1.23%	0.331%
26	12.146	1890	1896	1901	rBV	10759831	12703818	7.34%	1.967%
27	12.298	1914	1921	1929	rBV2	3217336	5055534	2.92%	0.783%
28	12.372	1929	1933	1943	rVB3	1312828	2069548	1.20%	0.320%
29	13.347	2089	2093	2099	rVB2	2121241	2924093	1.69%	0.453%
30	13.481	2110	2115	2124	rVB	1710127	2043496	1.18%	0.316%
31	13.835	2165	2173	2182	rVB	8505446	10960213	6.33%	1.697%
32	14.700	2302	2315	2325	rBV	2951173	3775528	2.18%	0.585%
33	14.841	2333	2338	2347	rBV	1944419	2376780	1.37%	0.368%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
Data File : VX003936.D
Acq On : 08 Aug 2018 20:51
Operator : JC/MD
Sample : J4387-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0555

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

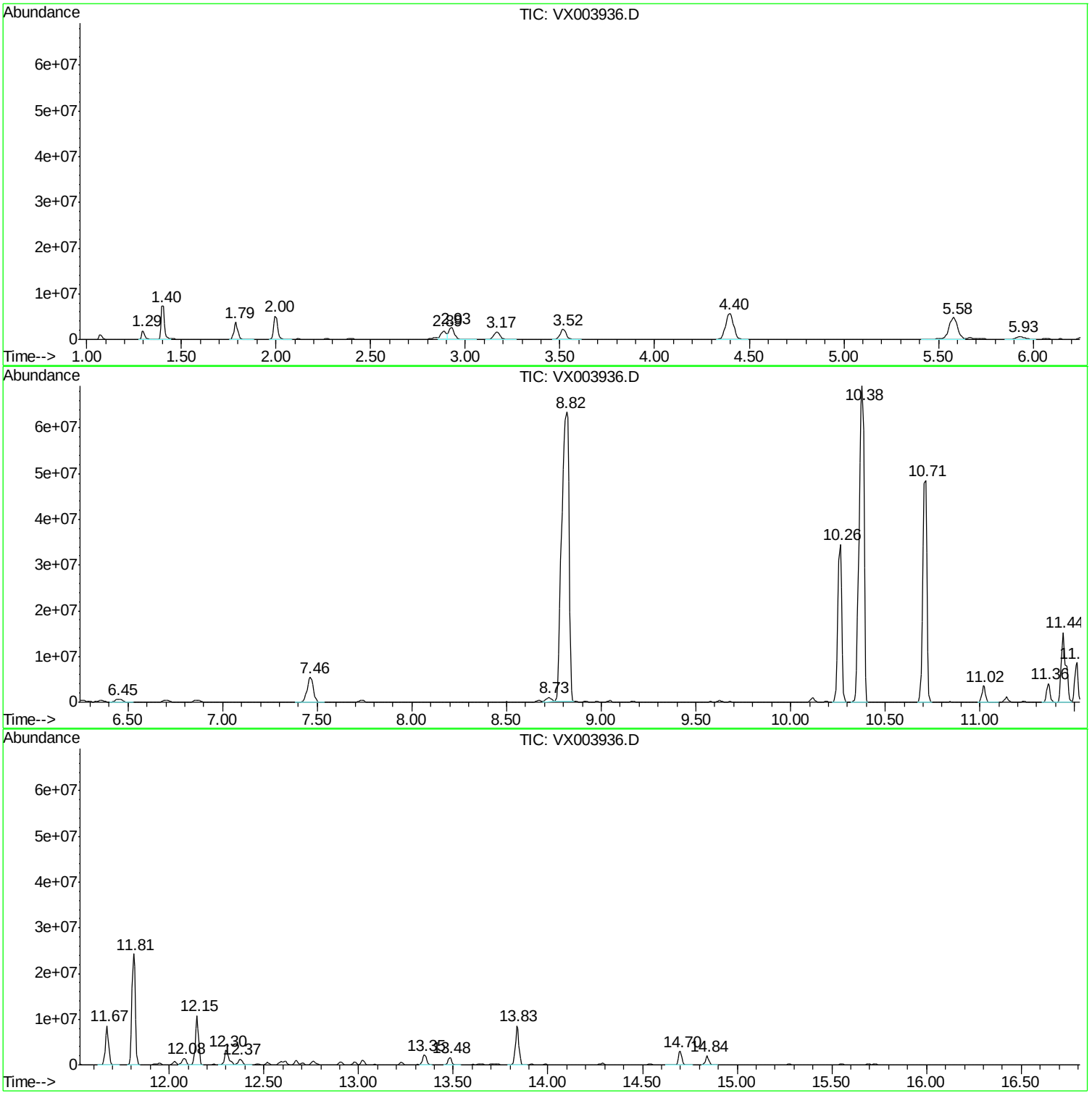
Sum of corrected areas: 645854753

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003936.D
Acq On : 08 Aug 2018 20:51
Operator : JC/MD
Sample : J4387-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0555

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
Data File : VX003936.D
Acq On : 08 Aug 2018 20:51
Operator : JC/MD
Sample : J4387-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0555

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

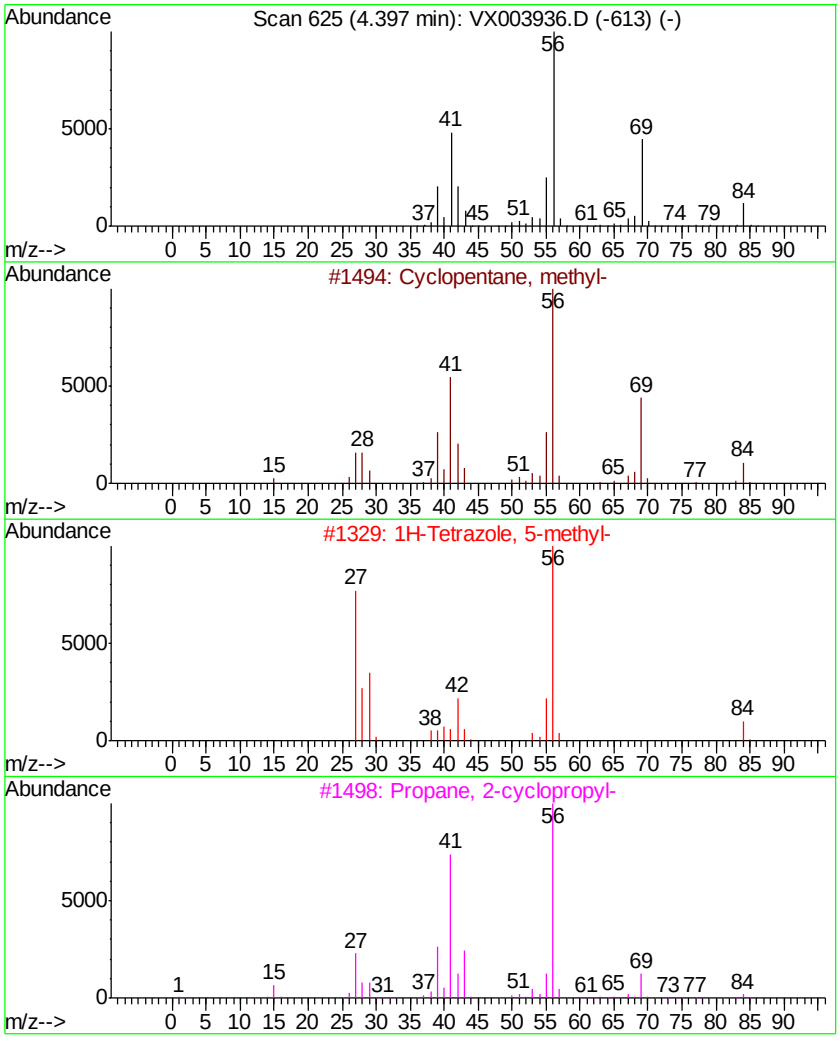
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

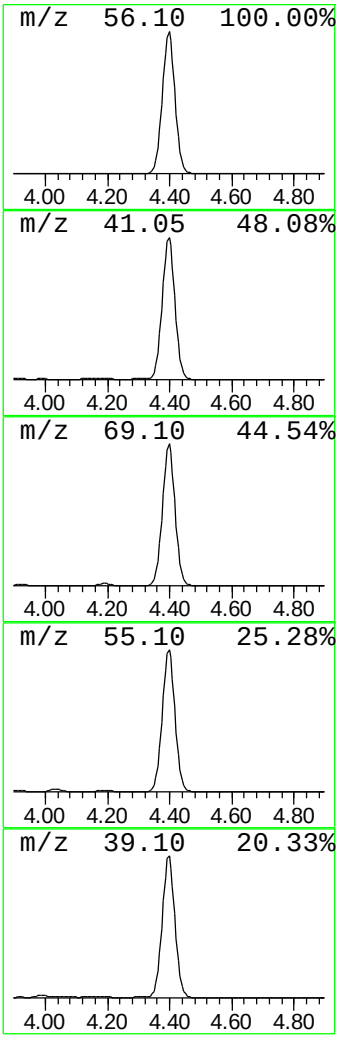
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	51.58 ug/l	16529700	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	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclohexane	84	C6H12	000110-82-7	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003936.D
Acq On : 08 Aug 2018 20:51
Operator : JC/MD
Sample : J4387-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0555

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

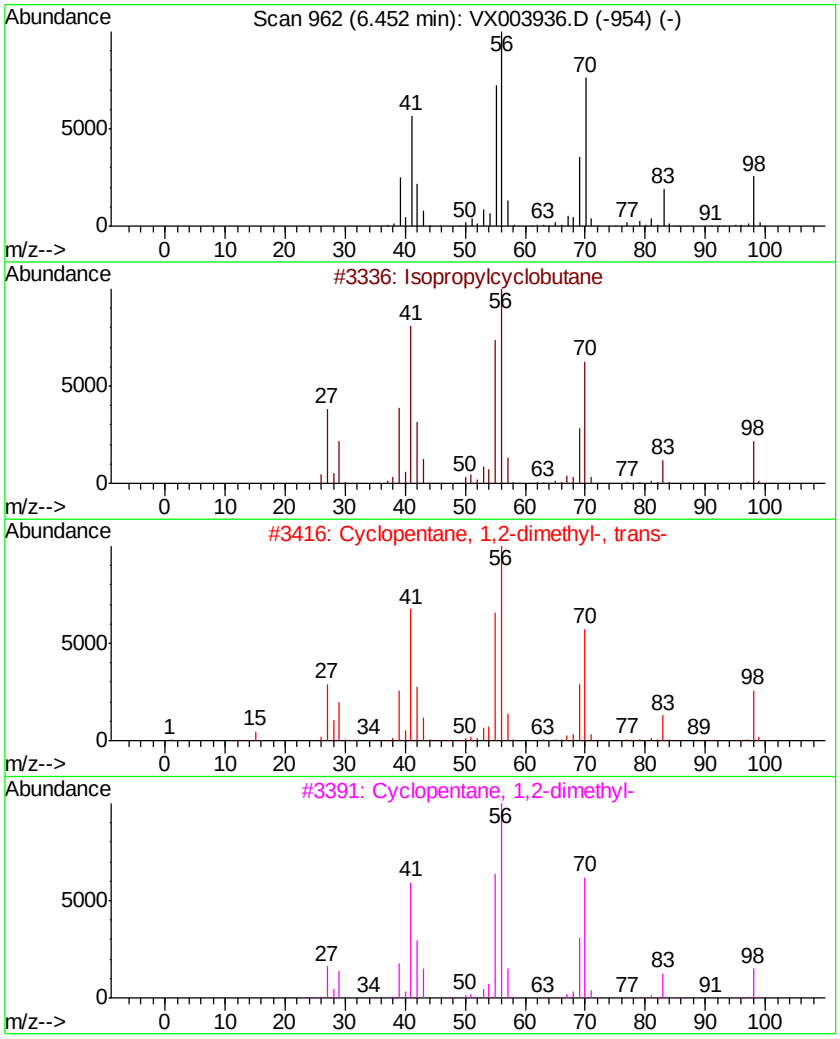
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

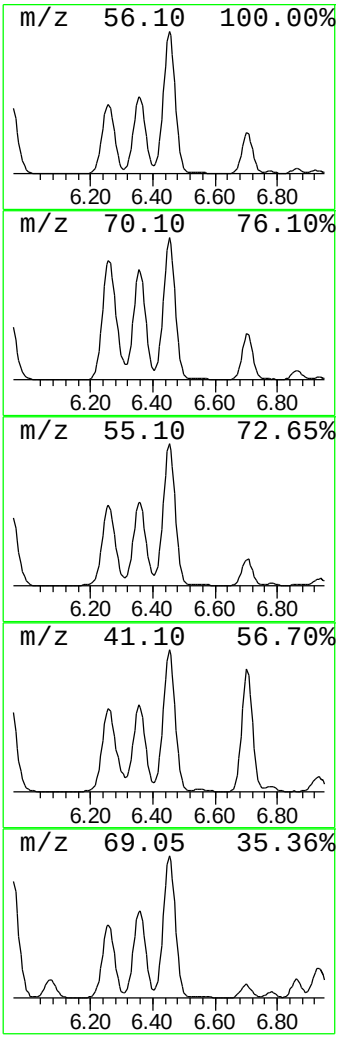
****

Peak Number 2 Isopropylcyclobutane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	50.00 ug/l	1855170	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	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003936.D
Acq On : 08 Aug 2018 20:51
Operator : JC/MD
Sample : J4387-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0555

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

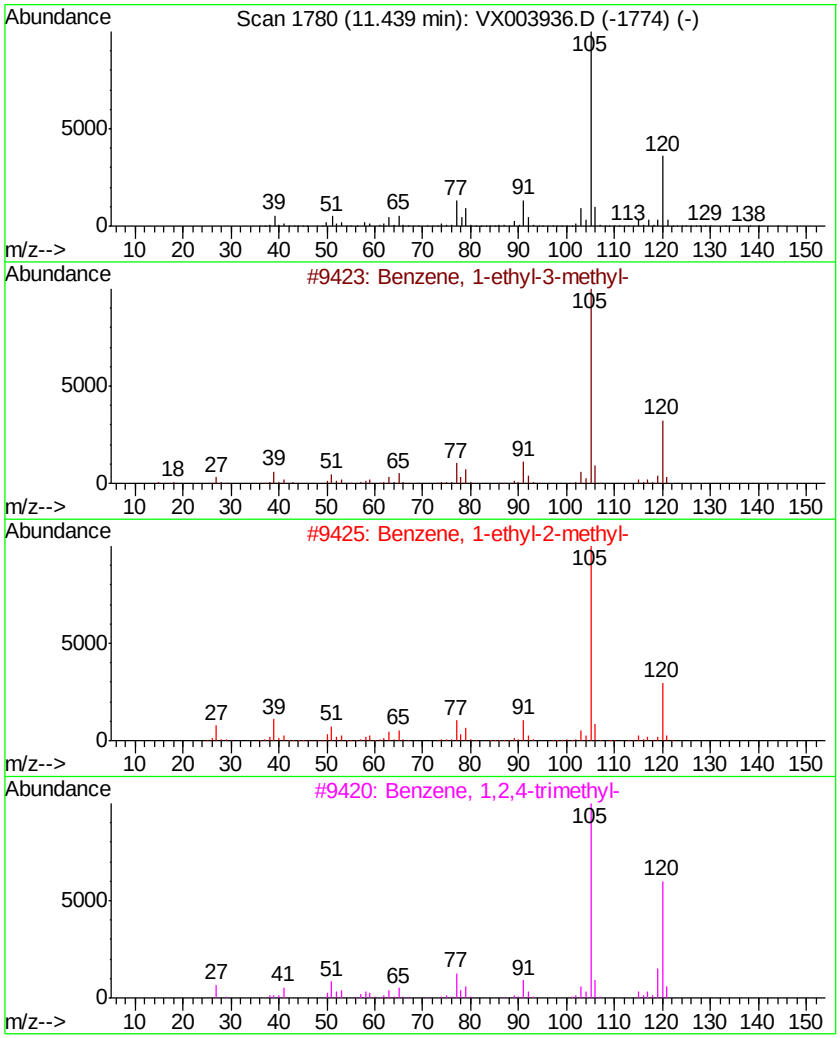
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

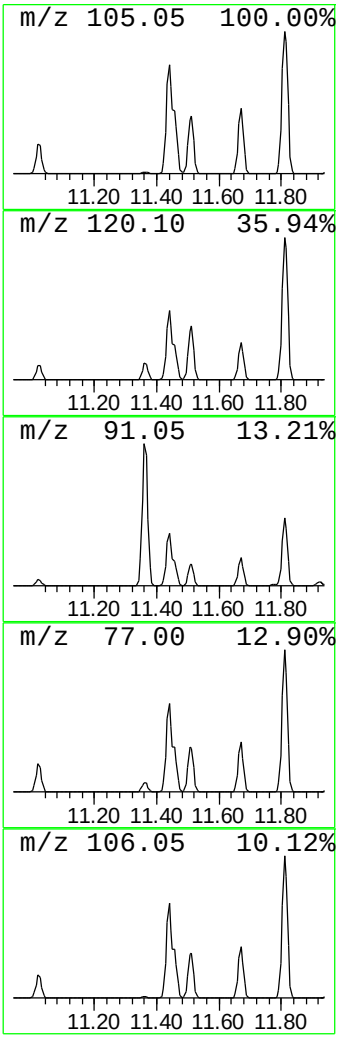
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	611.62 ug/l	26124800	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003936.D
Acq On : 08 Aug 2018 20:51
Operator : JC/MD
Sample : J4387-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0555

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

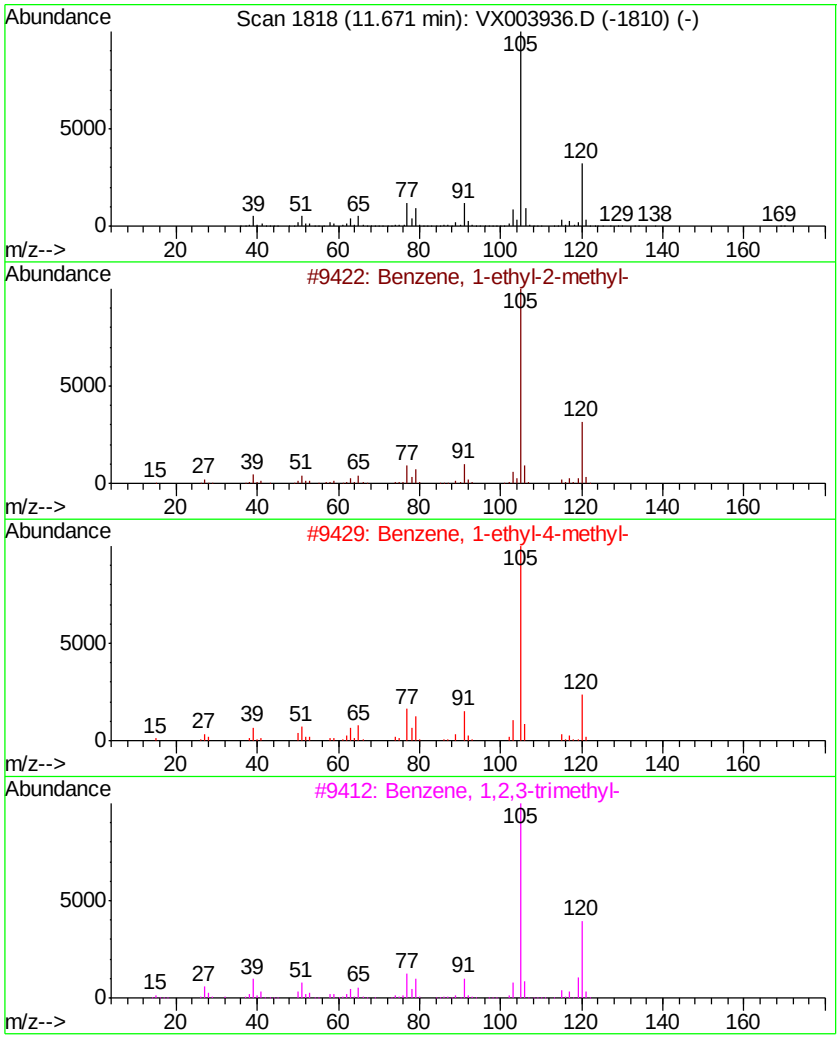
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

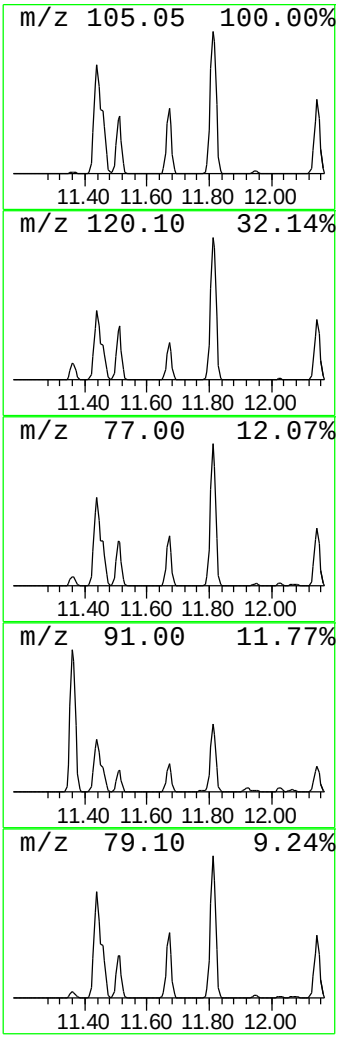
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	241.10 ug/l	10298500	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-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003936.D
Acq On : 08 Aug 2018 20:51
Operator : JC/MD
Sample : J4387-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0555

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

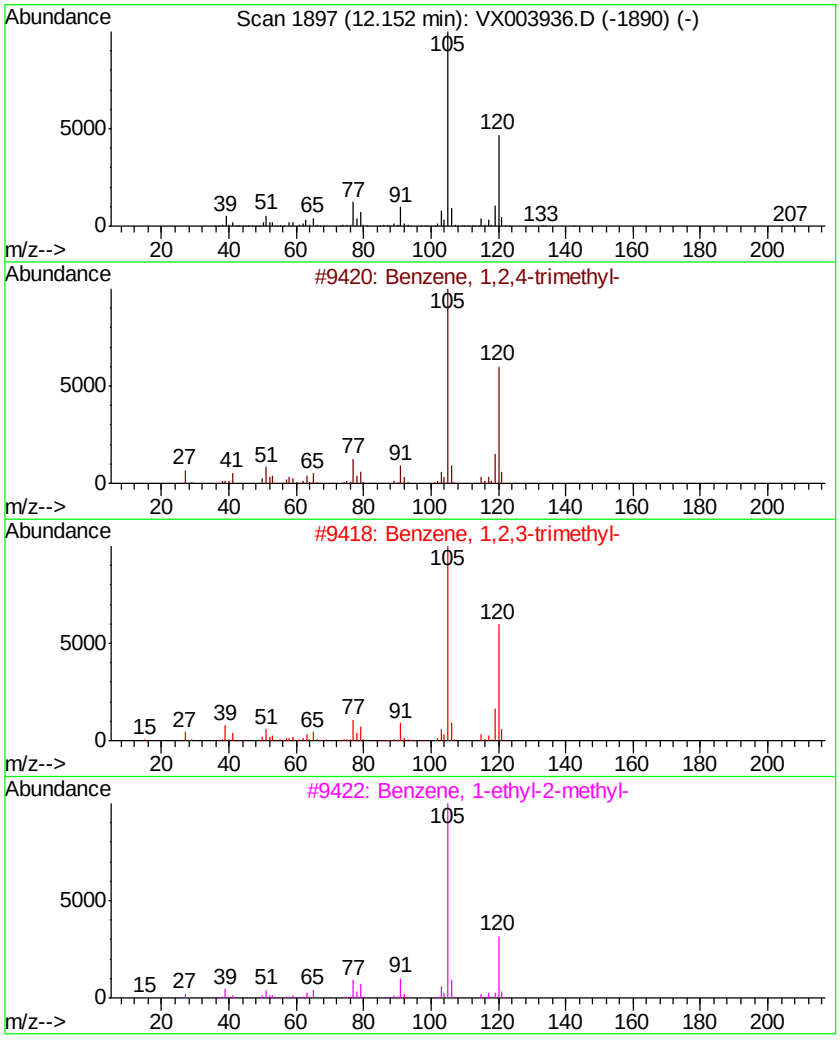
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

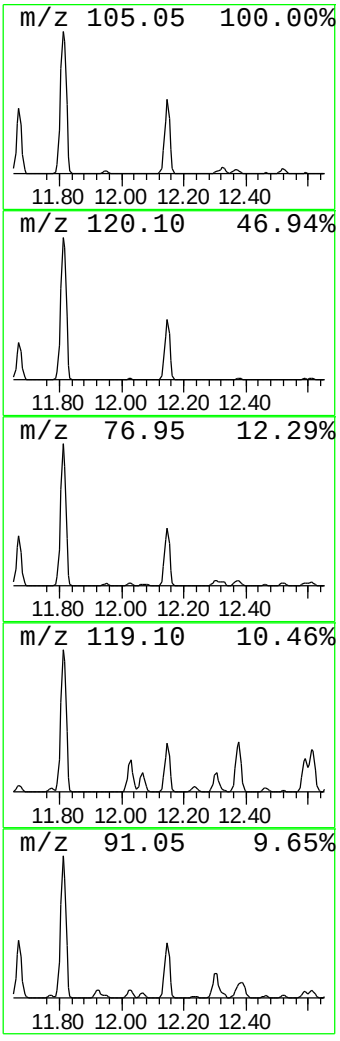
****

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	297.42 ug/l	12703800	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003936.D
Acq On : 08 Aug 2018 20:51
Operator : JC/MD
Sample : J4387-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0555

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

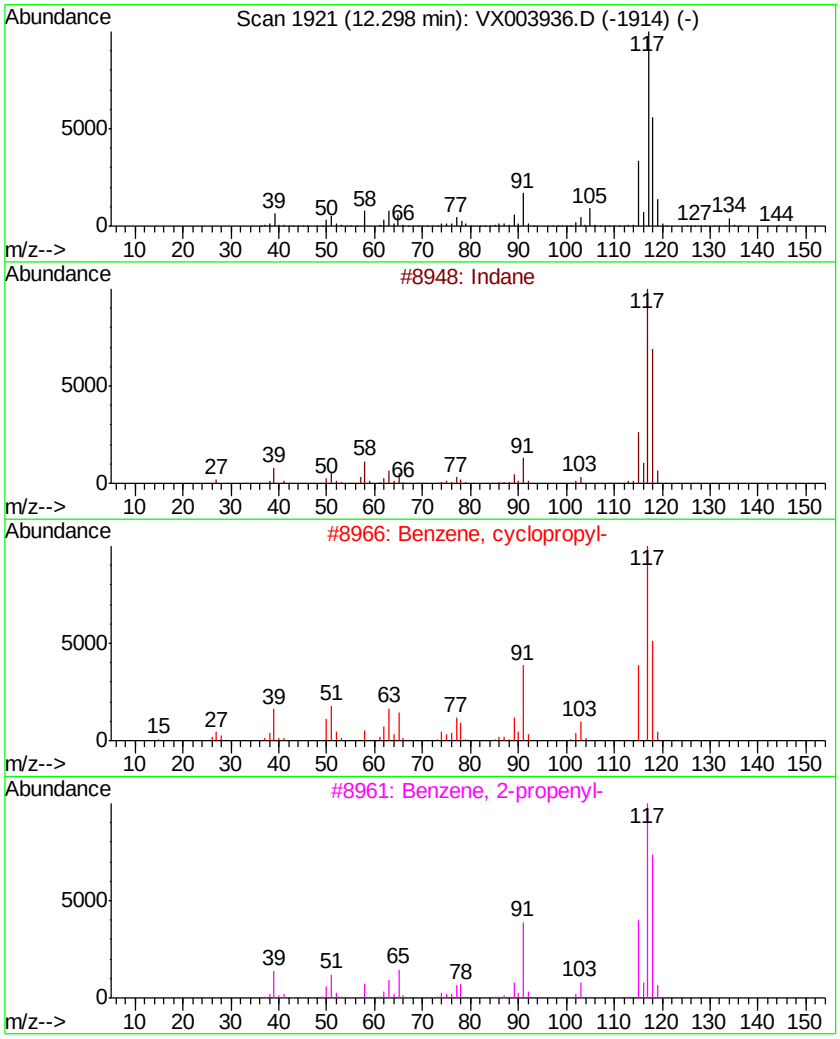
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

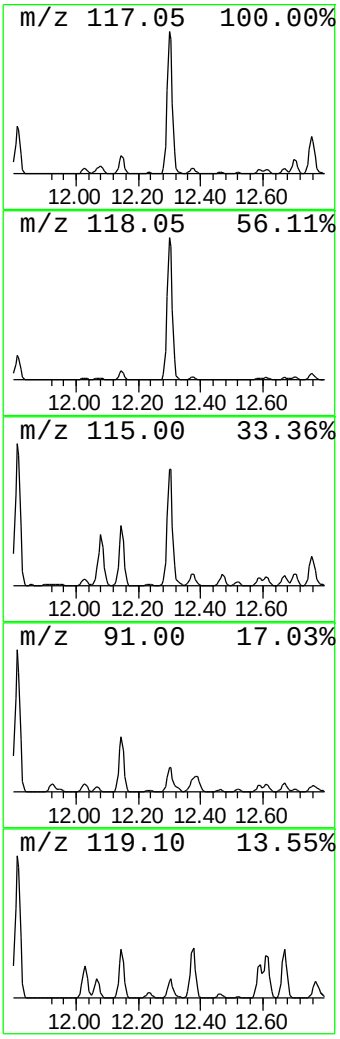
****

Peak Number 6 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	118.36 ug/l	5055530	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	68
4	1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	64
5	Deltacyclene	118	C9H10	007785-10-6	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003936.D
Acq On : 08 Aug 2018 20:51
Operator : JC/MD
Sample : J4387-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0555

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

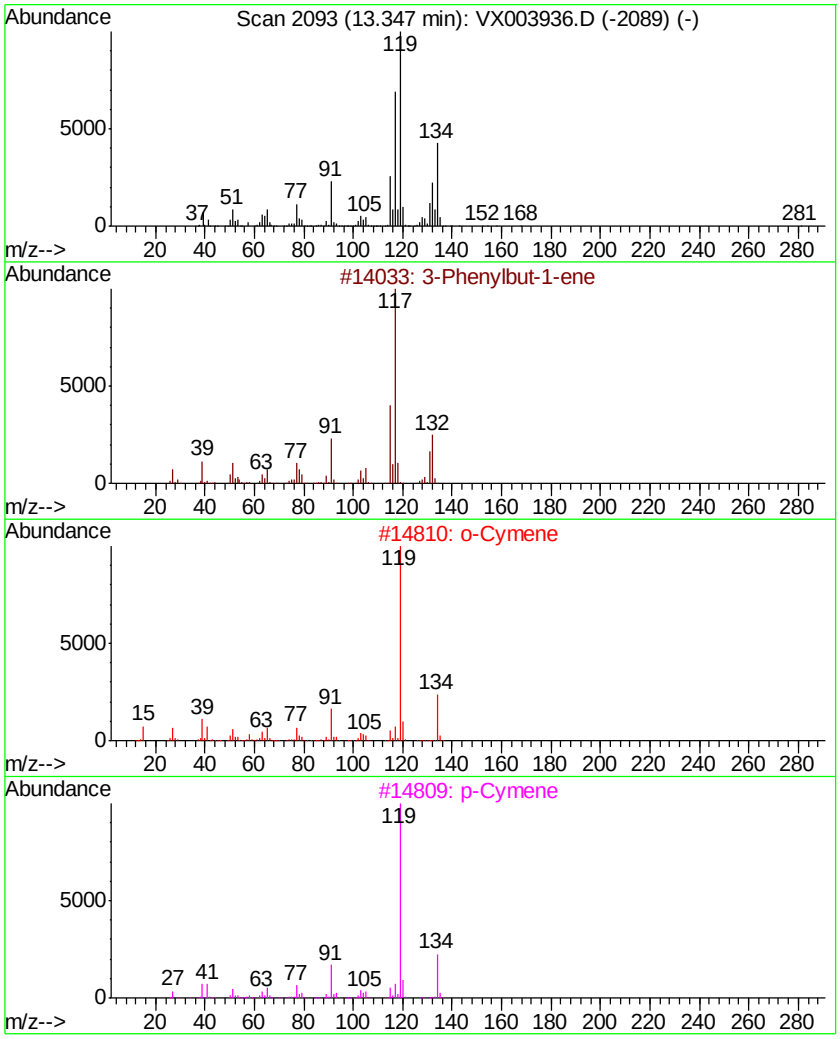
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

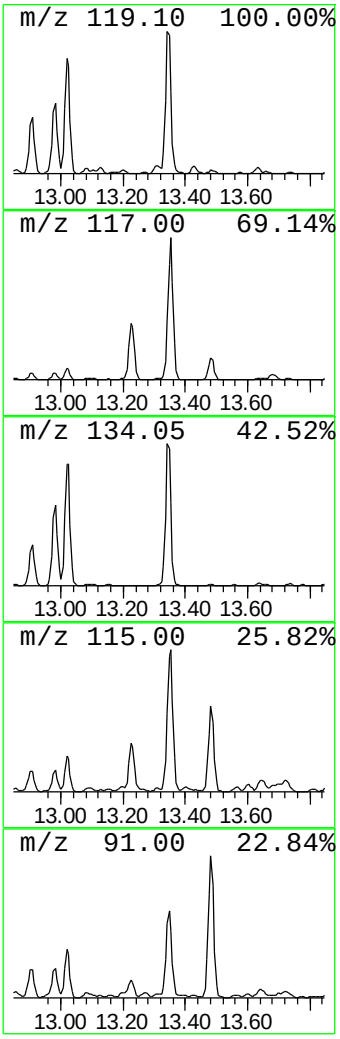
****

Peak Number 7 3-Phenylbut-1-ene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	68.46 ug/l	2924090	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
2	o-Cymene	134	C10H14	000527-84-4	60
3	p-Cymene	134	C10H14	000099-87-6	60
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60





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Operator : JC/MD
Sample : J4387-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0555

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

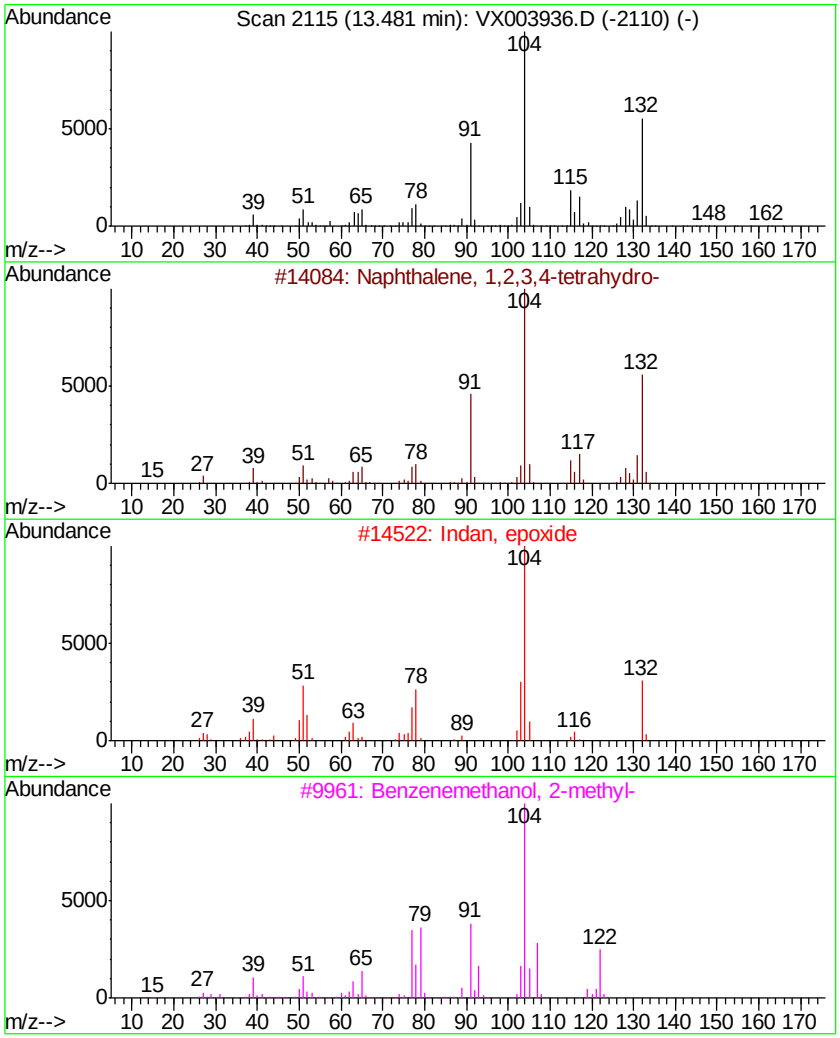
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

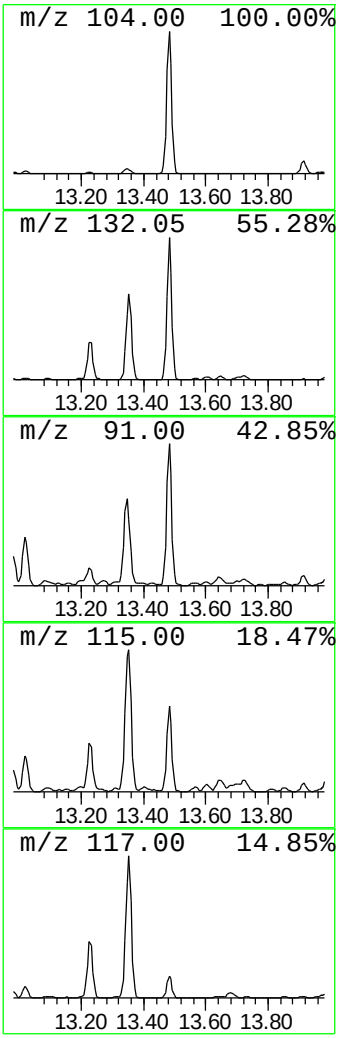
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	47.84 ug/l	2043500	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	Indan, epoxide	132	C9H8O	000768-22-9	58
3	Benzenemethanol, 2-methyl-	122	C8H10O	000089-95-2	38
4	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	38
5	2-Propenoic acid, 2-phenylethyl ...	176	C11H12O2	003530-36-7	35





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
Data File : VX003936.D
Acq On : 08 Aug 2018 20:51
Operator : JC/MD
Sample : J4387-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0555

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

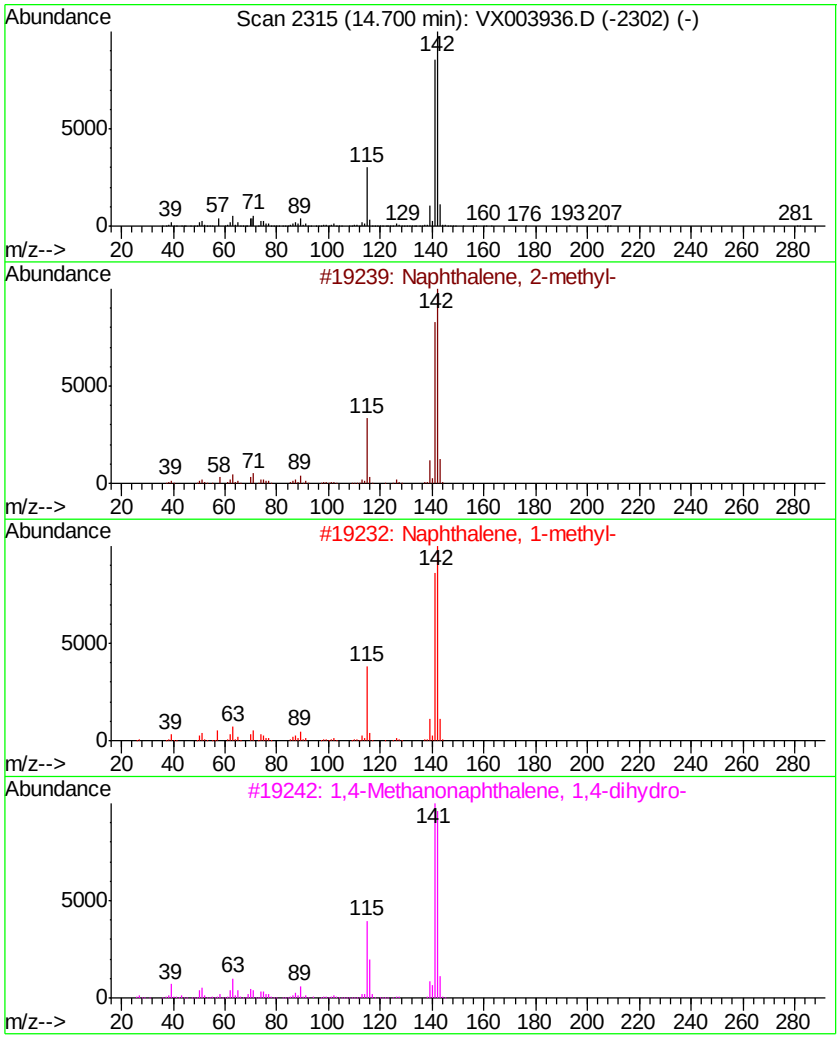
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

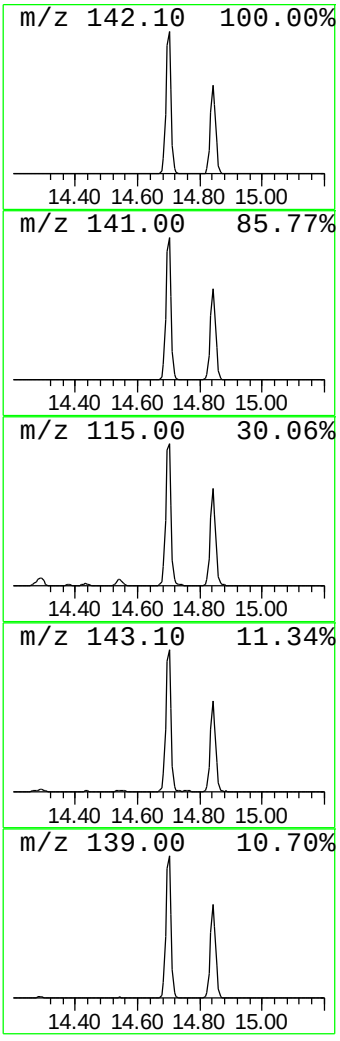
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	88.39 ug/l	3775530	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	3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003936.D
Acq On : 08 Aug 2018 20:51
Operator : JC/MD
Sample : J4387-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0555

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, met...	4.40	51.6	ug/l	16529700	1	5.67	16022800	50.0
Isopropylcyclobutane	6.45	50.0	ug/l	1855170	2	6.87	1855170	50.0
Benzene, 1-ethyl-...	11.44	611.6	ug/l	26124800	4	12.08	2135700	50.0
Benzene, 1-ethyl-...	11.67	241.1	ug/l	10298500	4	12.08	2135700	50.0
Benzene, 1,2,4-tr...	12.15	297.4	ug/l	12703800	4	12.08	2135700	50.0
Indane	12.30	118.4	ug/l	5055530	4	12.08	2135700	50.0
3-Phenylbut-1-ene	13.35	68.5	ug/l	2924090	4	12.08	2135700	50.0
Naphthalene, 1,2,...	13.48	47.8	ug/l	2043500	4	12.08	2135700	50.0
Naphthalene, 1-me...	14.70	88.4	ug/l	3775530	4	12.08	2135700	50.0