LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
Data File : VX003937.D
Acq On : 08 Aug 2018 21:18
Operator : JC/MD
Sample : J4387-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0558

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	73	80	94	rBV	1070128	1446794	3.37%	0.607%
2	1.995	226	231	245	rVB	356975	516408	1.20%	0.217%
3	3.166	415	423	440	rVB	213298	487370	1.13%	0.205%
4	3.519	471	481	493	rBV	213707	486277	1.13%	0.204%
5	4.397	614	625	640	rVB	575498	1679683	3.91%	0.705%
6	5.507	794	807	810	rBV	218487	563834	1.31%	0.237%
7	5.574	811	818	827	rVV	856932	2748517	6.40%	1.153%
8	5.665	827	833	858	rVB	328523	1126563	2.62%	0.473%
9	5.928	863	876	890	rBV4	181130	621505	1.45%	0.261%
10	6.068	890	899	915	rVB	228553	597524	1.39%	0.251%
11	6.257	918	930	939	rBV3	173098	533647	1.24%	0.224%
12	6.354	939	946	954	rVV	176738	485125	1.13%	0.204%
13	6.452	954	962	976	rVB	300959	832493	1.94%	0.349%
14	6.860	1019	1029	1049	rVB	496250	1163080	2.71%	0.488%
15	7.464	1113	1128	1140	rBV	3234886	7292669	16.98%	3.060%
16	7.732	1164	1172	1182	rVB	326713	637828	1.48%	0.268%
17	8.665	1318	1325	1329	rBV2	408392	771308	1.80%	0.324%
18	8.714	1329	1333	1340	rVB	1212906	2060192	4.80%	0.865%
19	8.787	1340	1345	1349	rBV	395318	567815	1.32%	0.238%
20	9.043	1381	1387	1394	rVB	419792	680849	1.58%	0.286%
21	9.622	1478	1482	1487	rVB	432895	604405	1.41%	0.254%
22	10.116	1558	1563	1569	rBV	1042419	1379667	3.21%	0.579%
23	10.256	1580	1586	1595	rBV	16301580	21442460	49.92%	8.998%
24	10.366	1595	1604	1610	rBV	31404120	42956803	100.00%	18.026%
25	10.707	1654	1660	1665	rVB	24994719	33773775	78.62%	14.173%
26	11.018	1706	1711	1717	rBV	2783276	3524900	8.21%	1.479%
27	11.140	1725	1731	1736	rBV	1075809	1336494	3.11%	0.561%
28	11.360	1762	1767	1774	rBV	3368819	4096734	9.54%	1.719%
29	11.439	1774	1780	1787	rVV	11787805	22450248	52.26%	9.421%
30	11.506	1787	1791	1801	rVB	5838728	7380919	17.18%	3.097%
31	11.670	1812	1818	1828	rBV	11152939	13467254	31.35%	5.651%
32	11.811	1836	1841	1846	rVB	20965287	25039570	58.29%	10.508%
33	11.951	1860	1864	1871	rVB	474619	649194	1.51%	0.272%
34	12.030	1872	1877	1880	rVV	810411	1008857	2.35%	0.423%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
Data File : VX003937.D
Acq On : 08 Aug 2018 21:18
Operator : JC/MD
Sample : J4387-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0558

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	12.079	1880	1885	1890	rVB2	1383894	2138195	4.98%	0.897%
36	12.146	1890	1896	1901	rBV	9163873	10933336	25.45%	4.588%
37	12.304	1916	1922	1924	rBV	1832186	2525996	5.88%	1.060%
38	12.372	1929	1933	1943	rVB3	1184825	1786989	4.16%	0.750%
39	12.463	1943	1948	1953	rBV	373277	453670	1.06%	0.190%
40	12.518	1953	1957	1963	rBV	910590	1110958	2.59%	0.466%
41	12.591	1964	1969	1970	rBV	795335	988130	2.30%	0.415%
42	12.609	1970	1972	1977	rVV	934779	1102129	2.57%	0.463%
43	12.670	1977	1982	1985	rVV	917271	1066084	2.48%	0.447%
44	12.762	1992	1997	2004	rBV2	807428	1386663	3.23%	0.582%
45	12.908	2015	2021	2026	rVB2	556014	744672	1.73%	0.312%
46	12.981	2026	2033	2036	rVV	452670	596374	1.39%	0.250%
47	13.018	2036	2039	2045	rVB	848351	1053686	2.45%	0.442%
48	13.347	2089	2093	2099	rVB2	1815009	2326462	5.42%	0.976%
49	13.481	2110	2115	2122	rVB	963222	1166397	2.72%	0.489%
50	13.835	2166	2173	2182	rBV	2298173	2933921	6.83%	1.231%
51	14.700	2307	2315	2319	rBV	705284	903227	2.10%	0.379%
52	14.841	2333	2338	2343	rBV	526170	670474	1.56%	0.281%

Sum of corrected areas: 238298124

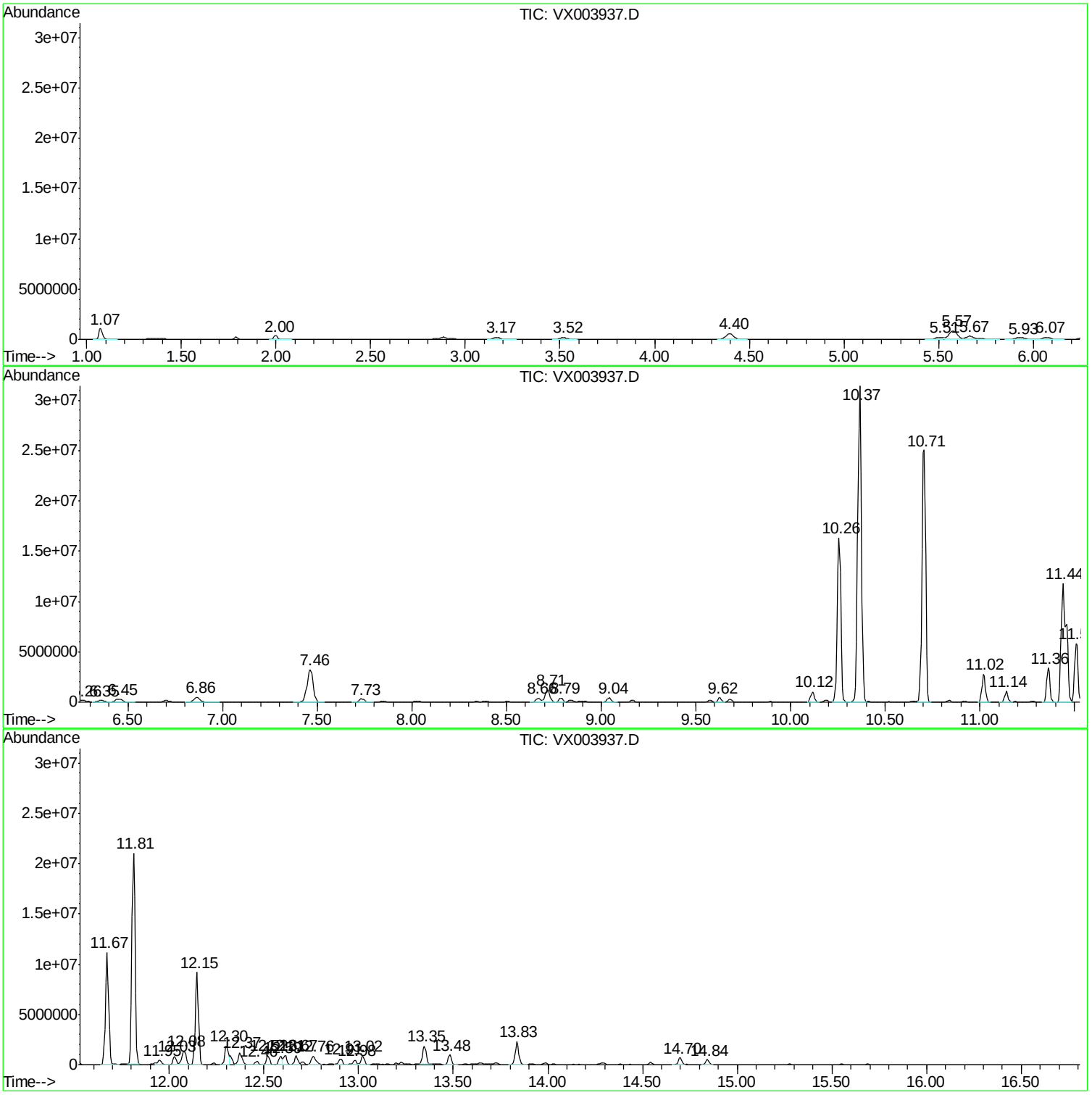
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003937.D
Acq On : 08 Aug 2018 21:18
Operator : JC/MD
Sample : J4387-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0558

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 : VX003937.D
Acq On : 08 Aug 2018 21:18
Operator : JC/MD
Sample : J4387-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0558

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

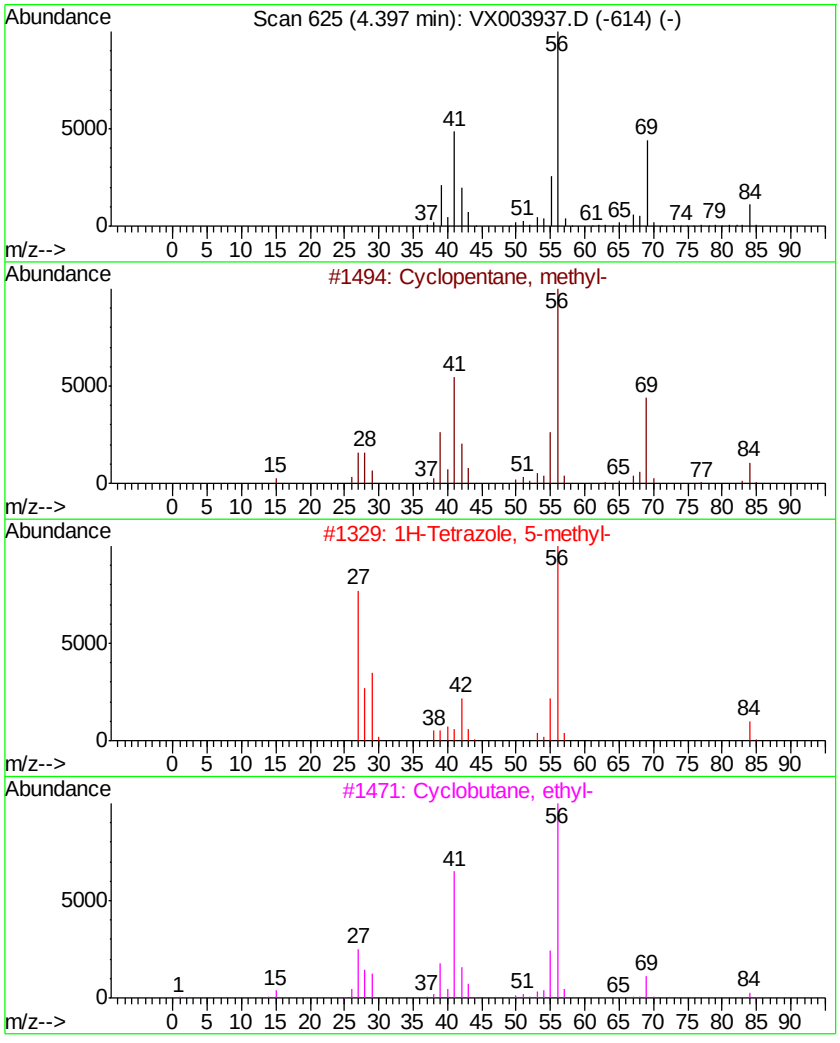
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

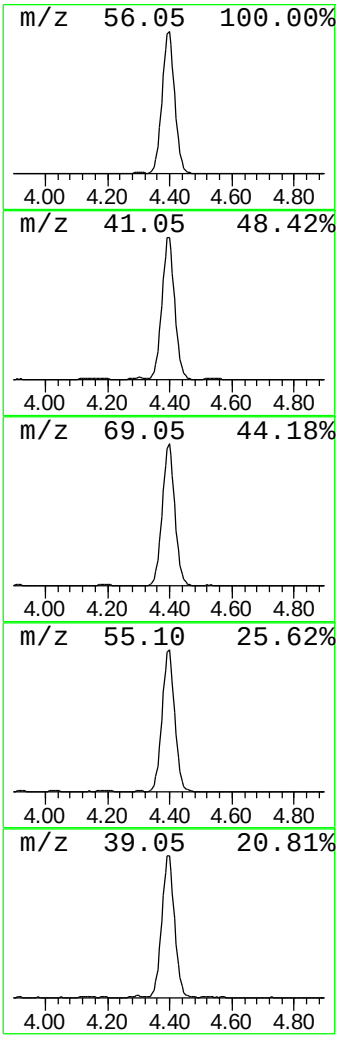
****

Peak Number 2 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	74.55 ug/l	1679680	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	72
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
4	Cyclohexane	84	C6H12	000110-82-7	50
5	Cyclobutane, butyl-	112	C8H16	013152-44-8	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
Data File : VX003937.D
Acq On : 08 Aug 2018 21:18
Operator : JC/MD
Sample : J4387-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0558

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

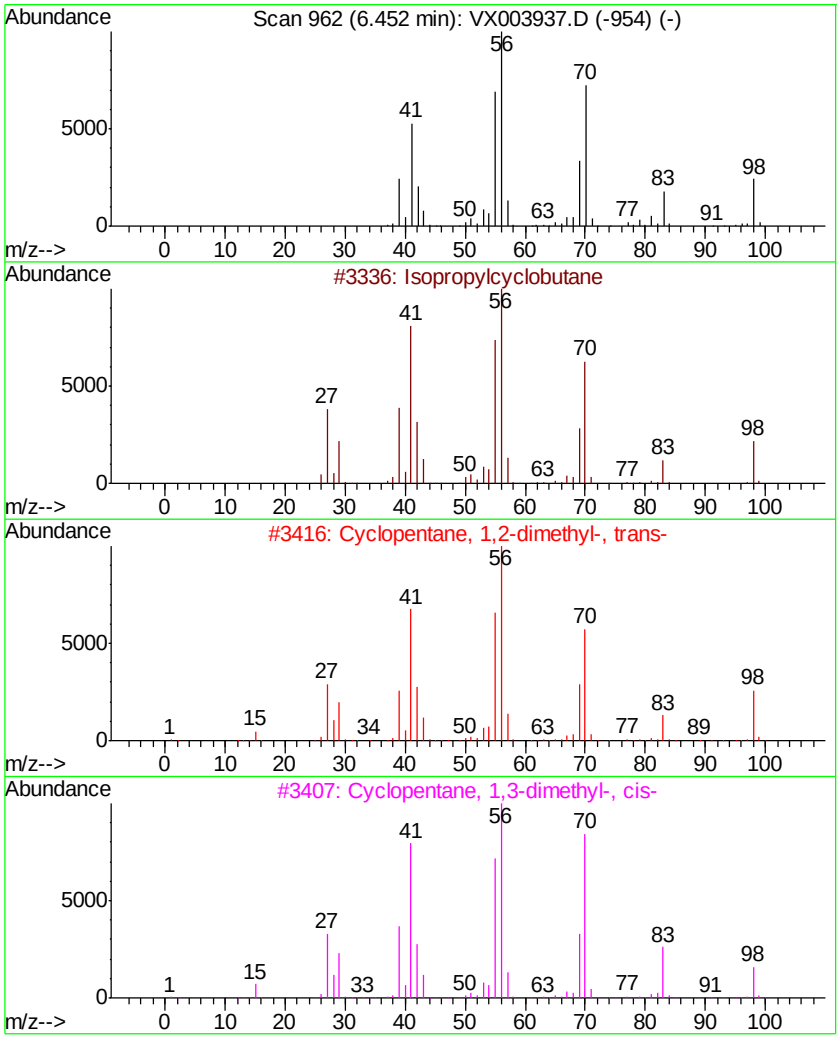
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

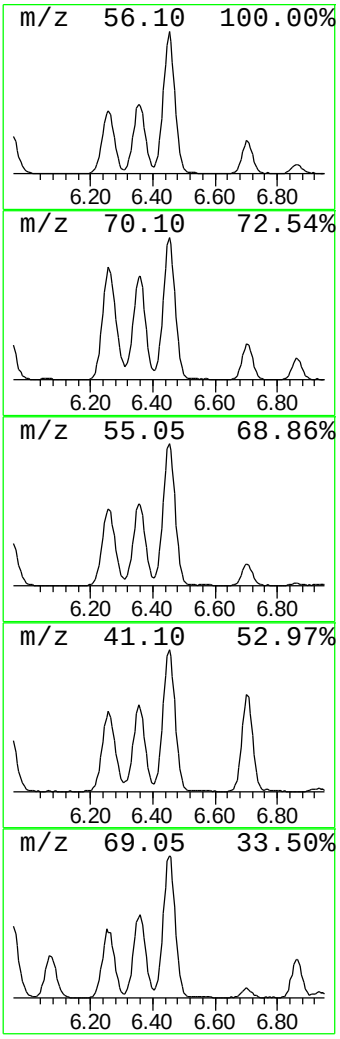
****

Peak Number 3 Isopropylcyclobutane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	35.79 ug/l	832493	1,4-Difluorobenzene	6.86

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, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	80
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	72
5	(Z)-2-Heptene	98	C7H14	006443-92-1	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
Data File : VX003937.D
Acq On : 08 Aug 2018 21:18
Operator : JC/MD
Sample : J4387-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0558

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

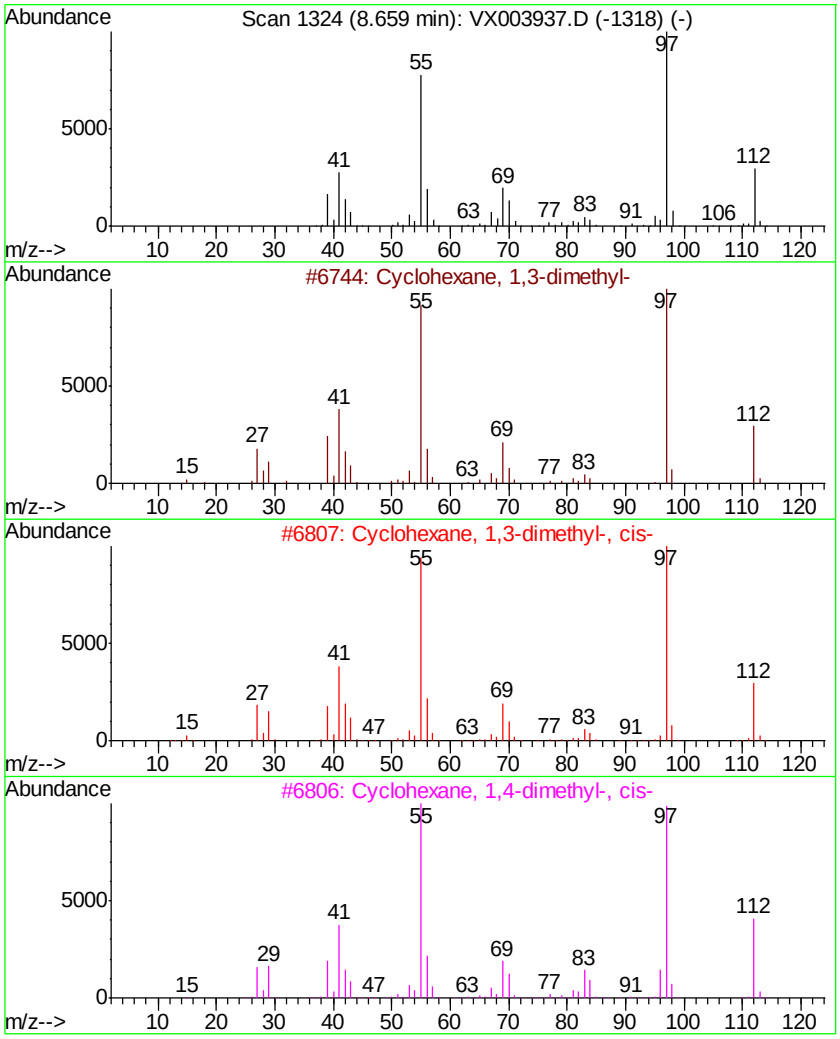
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

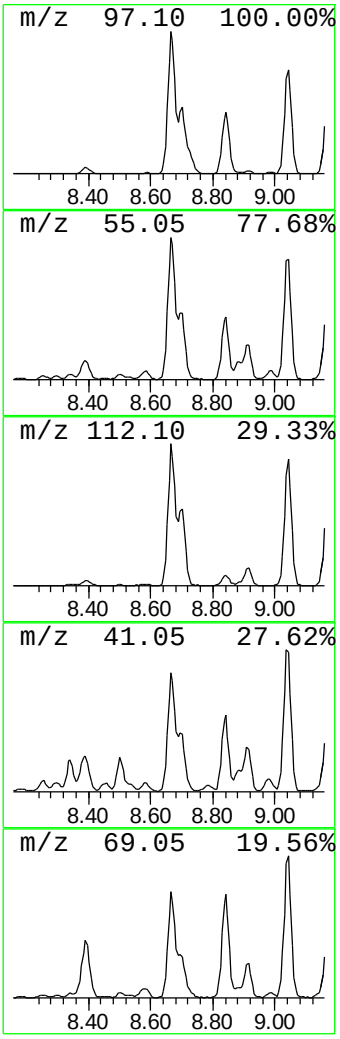
****

Peak Number 4 Cyclohexane, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	27.95 ug/l	771308	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	94
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003937.D
Acq On : 08 Aug 2018 21:18
Operator : JC/MD
Sample : J4387-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0558

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

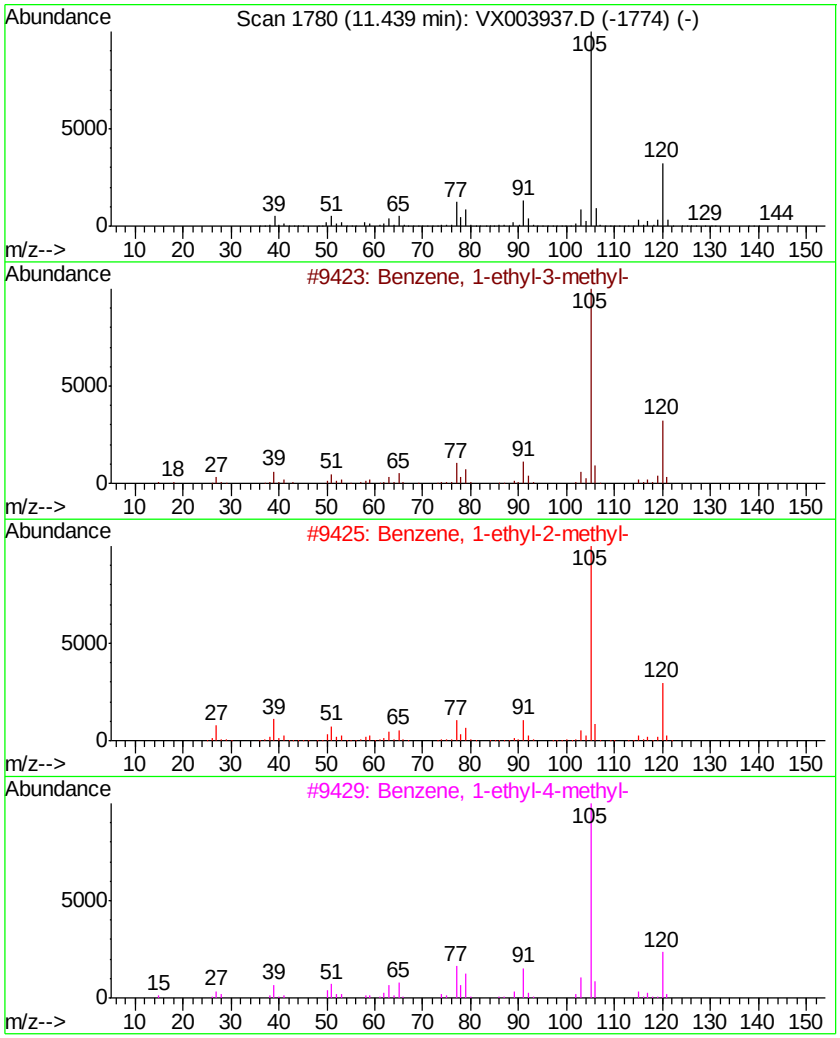
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

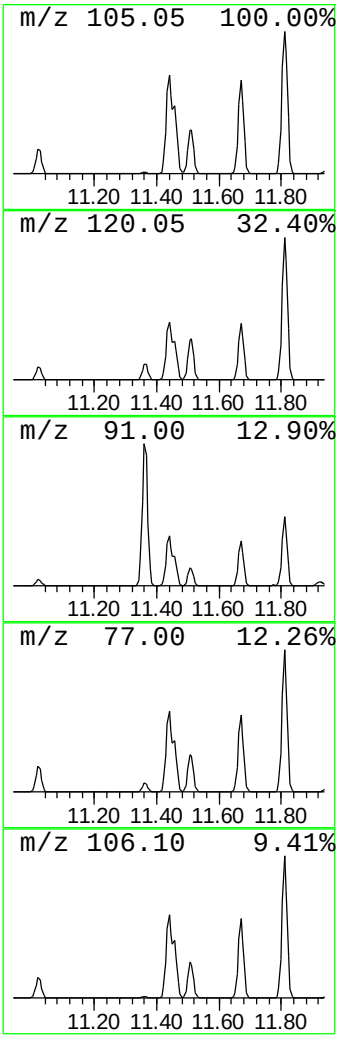
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	524.98 ug/l	22450200	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 : VX003937.D
Acq On : 08 Aug 2018 21:18
Operator : JC/MD
Sample : J4387-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0558

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

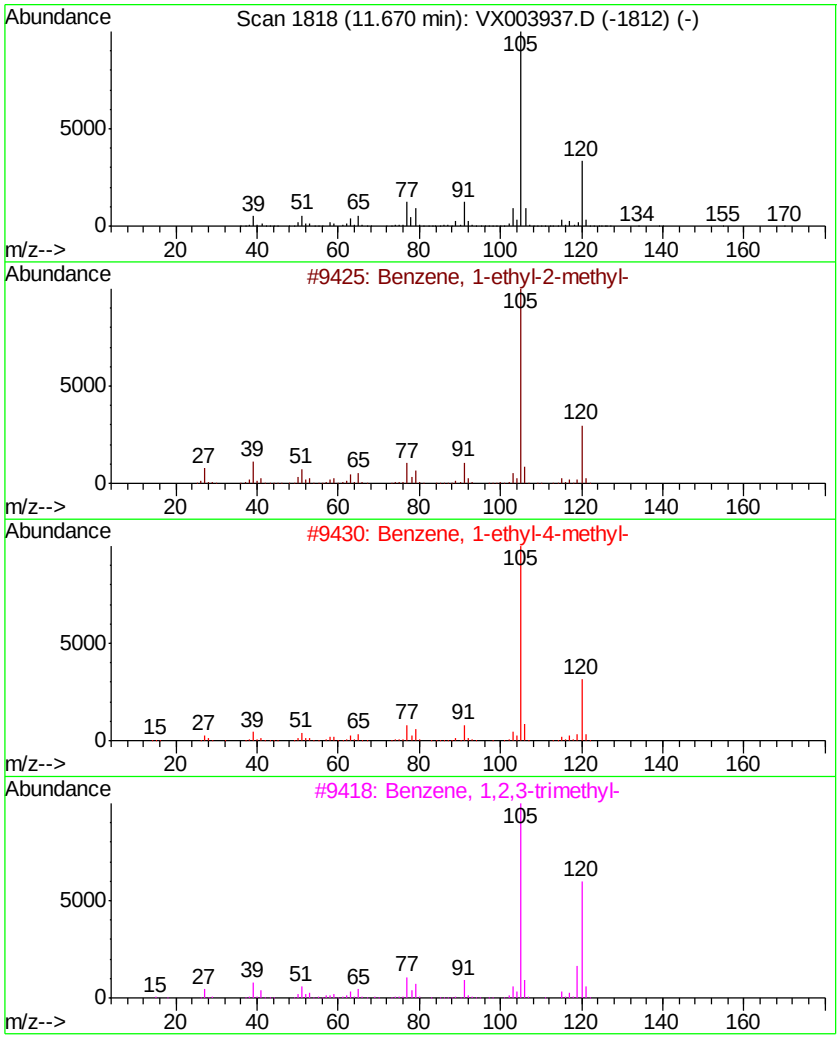
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

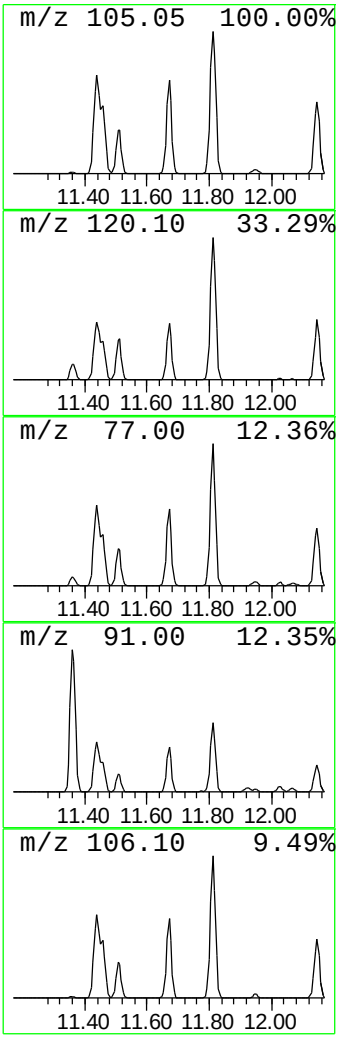
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	314.92 ug/l	13467300	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003937.D
Acq On : 08 Aug 2018 21:18
Operator : JC/MD
Sample : J4387-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0558

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

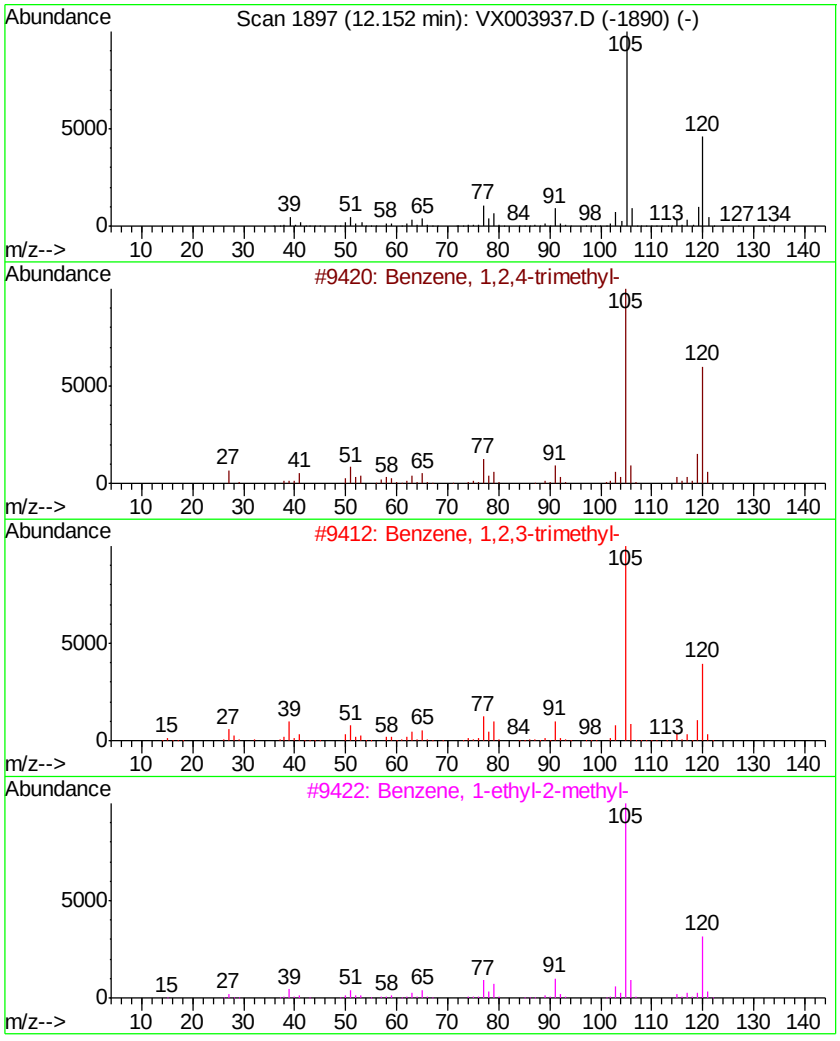
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

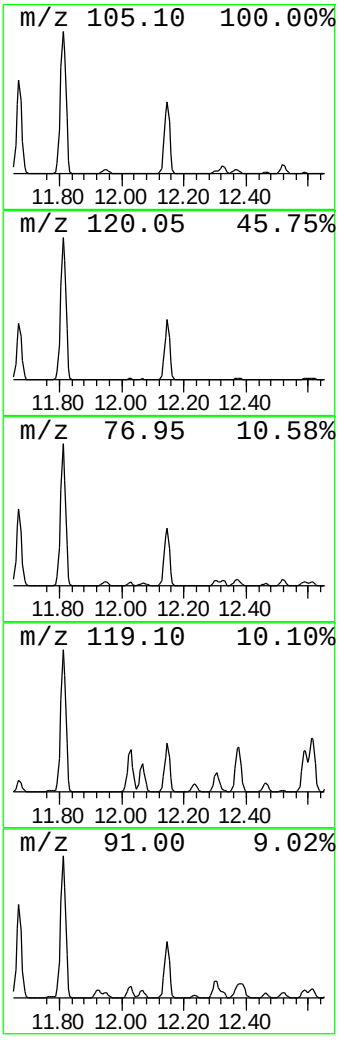
****

Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	255.67 ug/l	10933300	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	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003937.D
Acq On : 08 Aug 2018 21:18
Operator : JC/MD
Sample : J4387-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0558

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

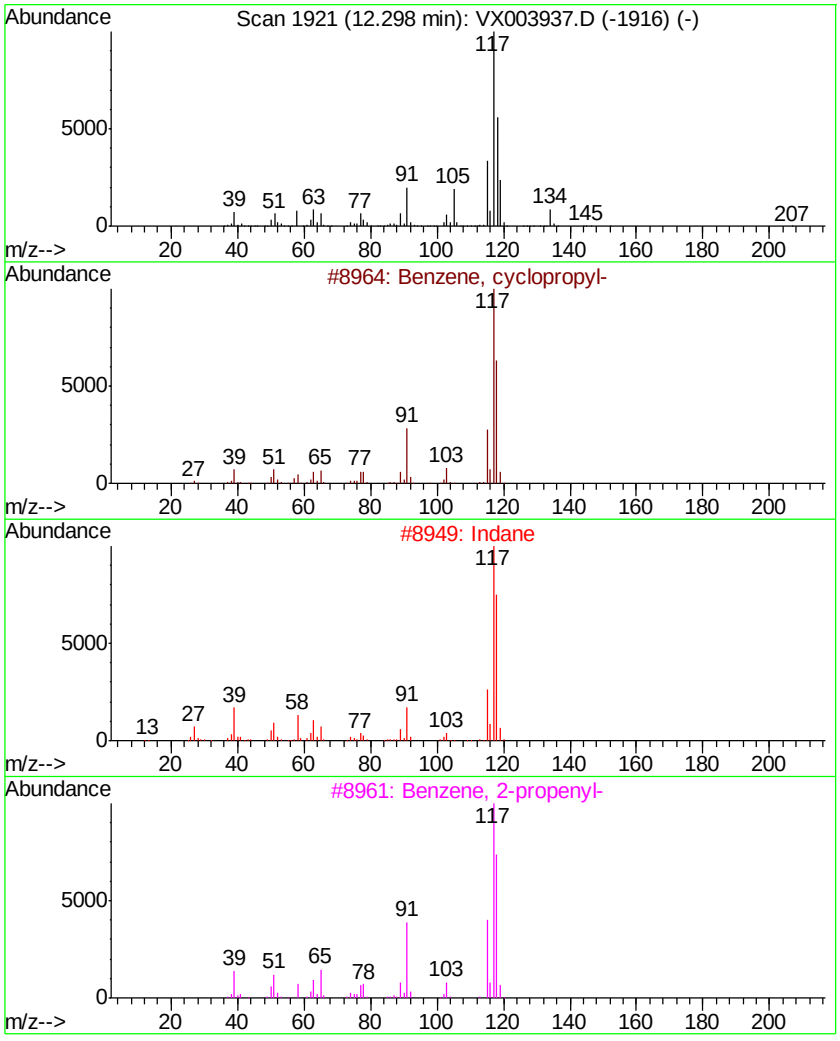
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

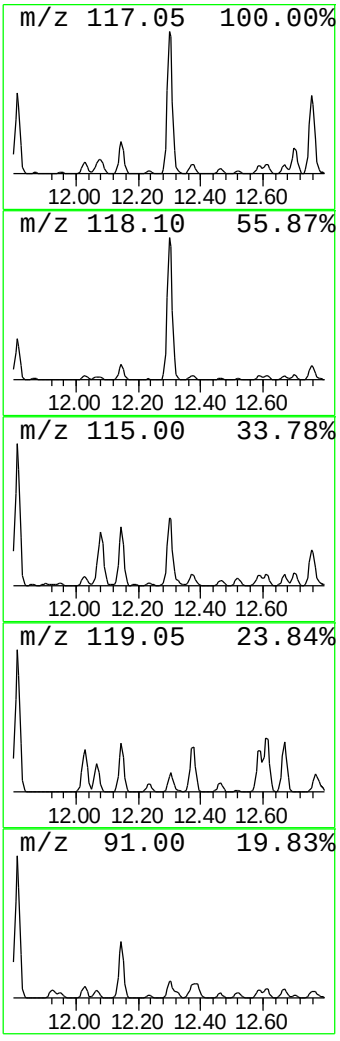
****

Peak Number 8 Benzene, cyclopropyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	59.07 ug/l	2526000	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
2	Indane	118	C9H10	000496-11-7	64
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	52
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003937.D
Acq On : 08 Aug 2018 21:18
Operator : JC/MD
Sample : J4387-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0558

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

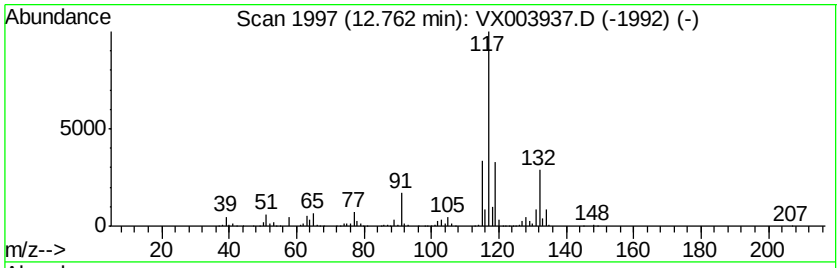
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

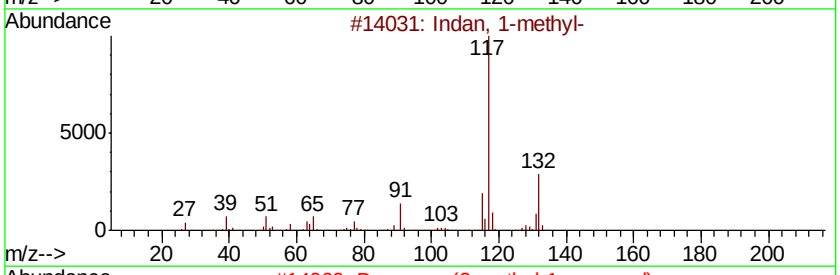
****

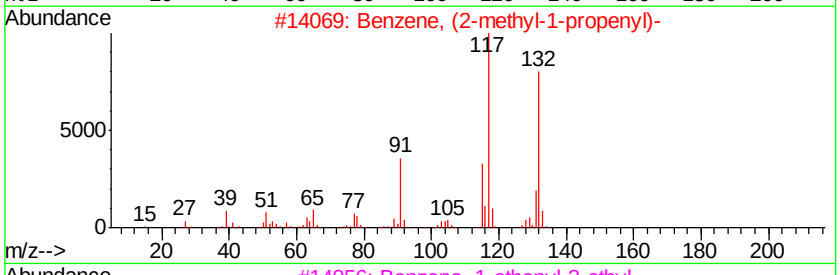
Peak Number 9 Indan, 1-methyl- Concentration Rank 9

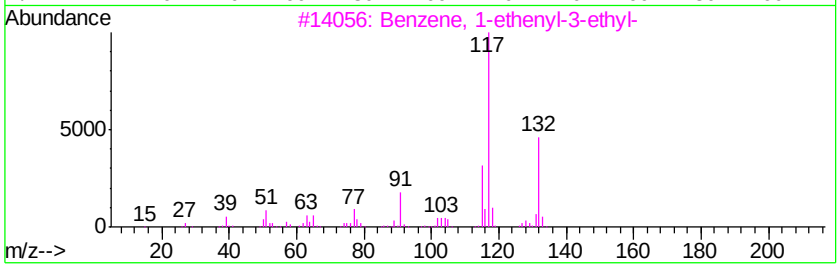
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	32.43 ug/l	1386660	1,4-Dichlorobenzene-d4	12.08

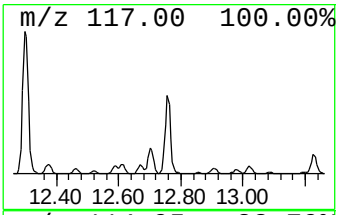
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	94
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76

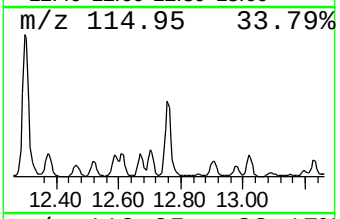


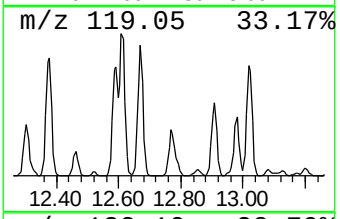


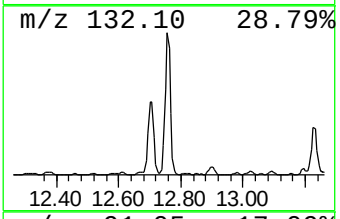


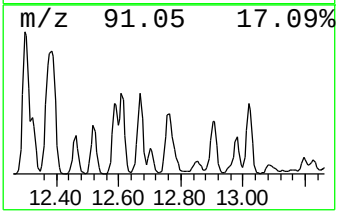












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003937.D
Acq On : 08 Aug 2018 21:18
Operator : JC/MD
Sample : J4387-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0558

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

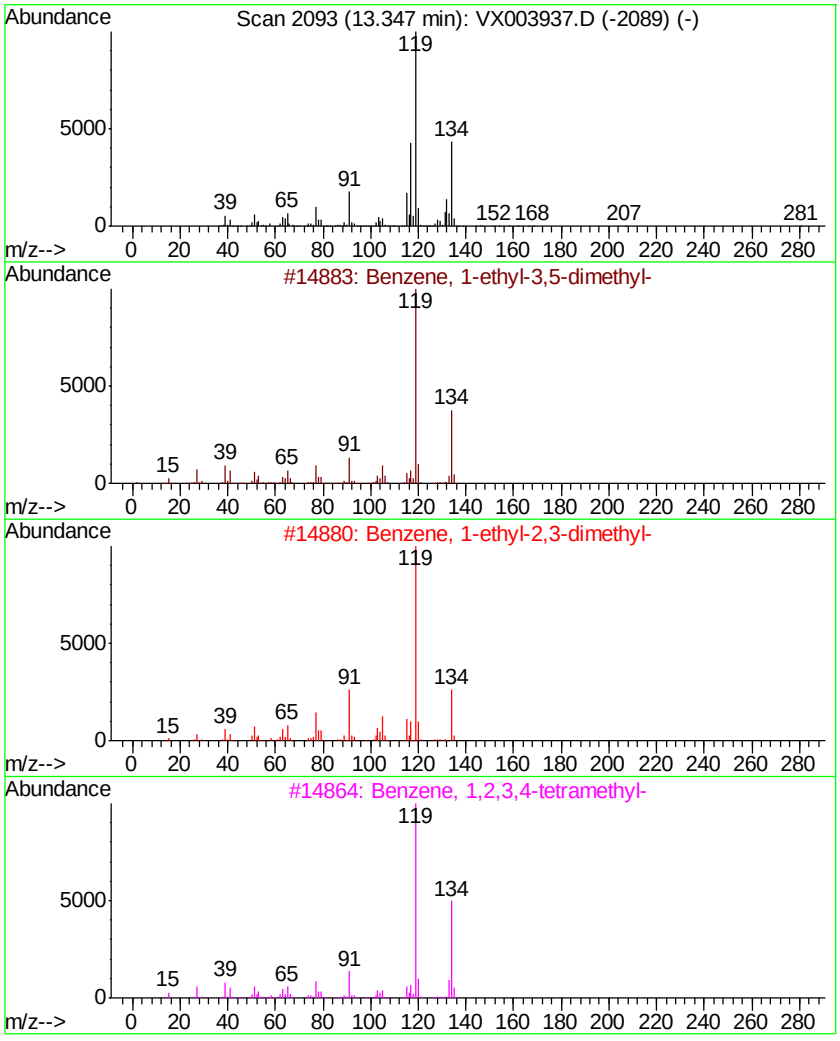
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

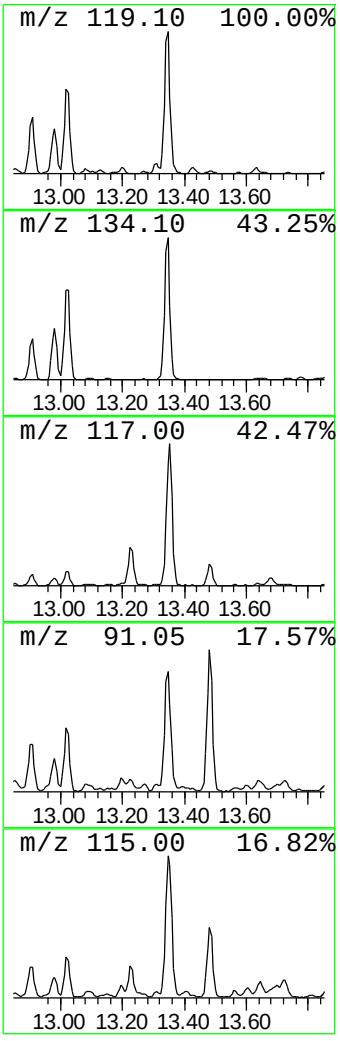
****

Peak Number 10 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	54.40 ug/l	2326460	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
5	o-Cymene	134	C10H14	000527-84-4	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080818\
Data File : VX003937.D
Acq On : 08 Aug 2018 21:18
Operator : JC/MD
Sample : J4387-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0558

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	74.5	ug/l	1679680	1	5.67	1126560	50.0
Isopropylcyclobutane	6.45	35.8	ug/l	832493	2	6.86	1163080	50.0
Cyclohexane, 1,3-...	8.66	27.9	ug/l	771308	3	10.12	1379670	50.0
Benzene, 1-ethyl-...	11.44	525.0	ug/l	22450200	4	12.08	2138200	50.0
Benzene, 1-ethyl-...	11.67	314.9	ug/l	13467300	4	12.08	2138200	50.0
Benzene, 1,2,4-tr...	12.15	255.7	ug/l	10933300	4	12.08	2138200	50.0
Benzene, cyclopro...	12.30	59.1	ug/l	2526000	4	12.08	2138200	50.0
Indan, 1-methyl-	12.76	32.4	ug/l	1386660	4	12.08	2138200	50.0
Benzene, 1-ethyl-...	13.35	54.4	ug/l	2326460	4	12.08	2138200	50.0