LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
Data File : VX003699.D
Acq On : 27 Jul 2018 05:33
Operator : JC/SP
Sample : J4154-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0510

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\82X072418W.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	68	80	94	rBV	331544	377564	3.24%	0.496%
2	1.788	192	197	210	rVB	475512	639630	5.49%	0.841%
3	2.002	226	232	244	rVB	577221	837973	7.20%	1.101%
4	2.398	289	297	313	rVB	88977	186352	1.60%	0.245%
5	2.843	363	370	372	rBV	90872	171556	1.47%	0.225%
6	2.886	372	377	381	rVV	331056	708053	6.08%	0.931%
7	2.928	381	384	401	rVB	221723	434608	3.73%	0.571%
8	3.172	414	424	440	rVB	284568	648705	5.57%	0.853%
9	3.520	471	481	496	rBV	227595	504804	4.33%	0.664%
10	4.398	614	625	639	rVB	295737	868984	7.46%	1.142%
11	5.507	793	807	811	rBV2	73248	200025	1.72%	0.263%
12	5.580	811	819	827	rVV2	199168	658552	5.66%	0.866%
13	5.660	827	832	860	rVB2	96035	348935	3.00%	0.459%
14	5.928	864	876	890	rBV5	47254	157944	1.36%	0.208%
15	6.074	890	900	913	rBV	80959	210014	1.80%	0.276%
16	6.867	1021	1030	1038	rBV	158452	365046	3.13%	0.480%
17	7.464	1115	1128	1139	rBV	188161	437924	3.76%	0.576%
18	8.720	1328	1334	1340	rVB	407272	660800	5.67%	0.869%
19	8.787	1340	1345	1350	rVB	87167	127319	1.09%	0.167%
20	10.116	1554	1563	1569	rBV	303010	405887	3.49%	0.533%
21	10.256	1580	1586	1596	rBV	4226892	5529136	47.48%	7.267%
22	10.366	1596	1604	1616	rVB	8955982	11645104	100.00%	15.306%
23	10.701	1653	1659	1676	rVB	6161801	7795427	66.94%	10.246%
24	11.018	1706	1711	1723	rVB	663740	843687	7.24%	1.109%
25	11.140	1725	1731	1736	rBV	384872	470502	4.04%	0.618%
26	11.360	1762	1767	1774	rBV	947929	1193074	10.25%	1.568%
27	11.439	1774	1780	1787	rVV	3618062	6127699	52.62%	8.054%
28	11.512	1787	1792	1797	rVB	2159743	2688395	23.09%	3.534%
29	11.671	1809	1818	1827	rBV	2912393	3480368	29.89%	4.575%
30	11.811	1836	1841	1846	rVB	8799835	10420224	89.48%	13.696%
31	12.030	1871	1877	1880	rBV	218649	272193	2.34%	0.358%
32	12.079	1880	1885	1890	rVB2	474570	673995	5.79%	0.886%
33	12.146	1890	1896	1901	rBV	4334233	5125123	44.01%	6.736%
34	12.305	1914	1922	1929	rBV2	861812	1411814	12.12%	1.856%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
Data File : VX003699.D
Acq On : 27 Jul 2018 05:33
Operator : JC/SP
Sample : J4154-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0510

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\82X072418W.M
Title : SW846 8260

35	12.372	1929	1933	1943	rVB3	397783	603054	5.18%	0.793%
36	12.463	1943	1948	1953	rBV2	118115	152198	1.31%	0.200%
37	12.518	1953	1957	1963	rBV	284783	344507	2.96%	0.453%
38	12.591	1963	1969	1970	rBV	329626	390555	3.35%	0.513%
39	12.610	1970	1972	1977	rVB	348486	411742	3.54%	0.541%
40	12.671	1977	1982	1985	rBV	404120	459031	3.94%	0.603%
41	12.701	1985	1987	1992	rVB	116510	134569	1.16%	0.177%
42	12.762	1992	1997	2004	rBV2	314111	537250	4.61%	0.706%
43	12.908	2015	2021	2026	rVB2	260846	339587	2.92%	0.446%
44	12.981	2026	2033	2036	rVV	240605	308028	2.65%	0.405%
45	13.018	2036	2039	2045	rVB	434019	530821	4.56%	0.698%
46	13.225	2070	2073	2077	rVB	111264	128064	1.10%	0.168%
47	13.347	2088	2093	2099	rVB2	833284	1089028	9.35%	1.431%
48	13.481	2110	2115	2121	rVB	452668	542478	4.66%	0.713%
49	13.835	2166	2173	2181	rBV	1598168	2062990	17.72%	2.712%
50	14.701	2307	2315	2325	rBV	668905	814351	6.99%	1.070%
51	14.841	2333	2338	2348	rBV	494625	605816	5.20%	0.796%

Sum of corrected areas: 76081485

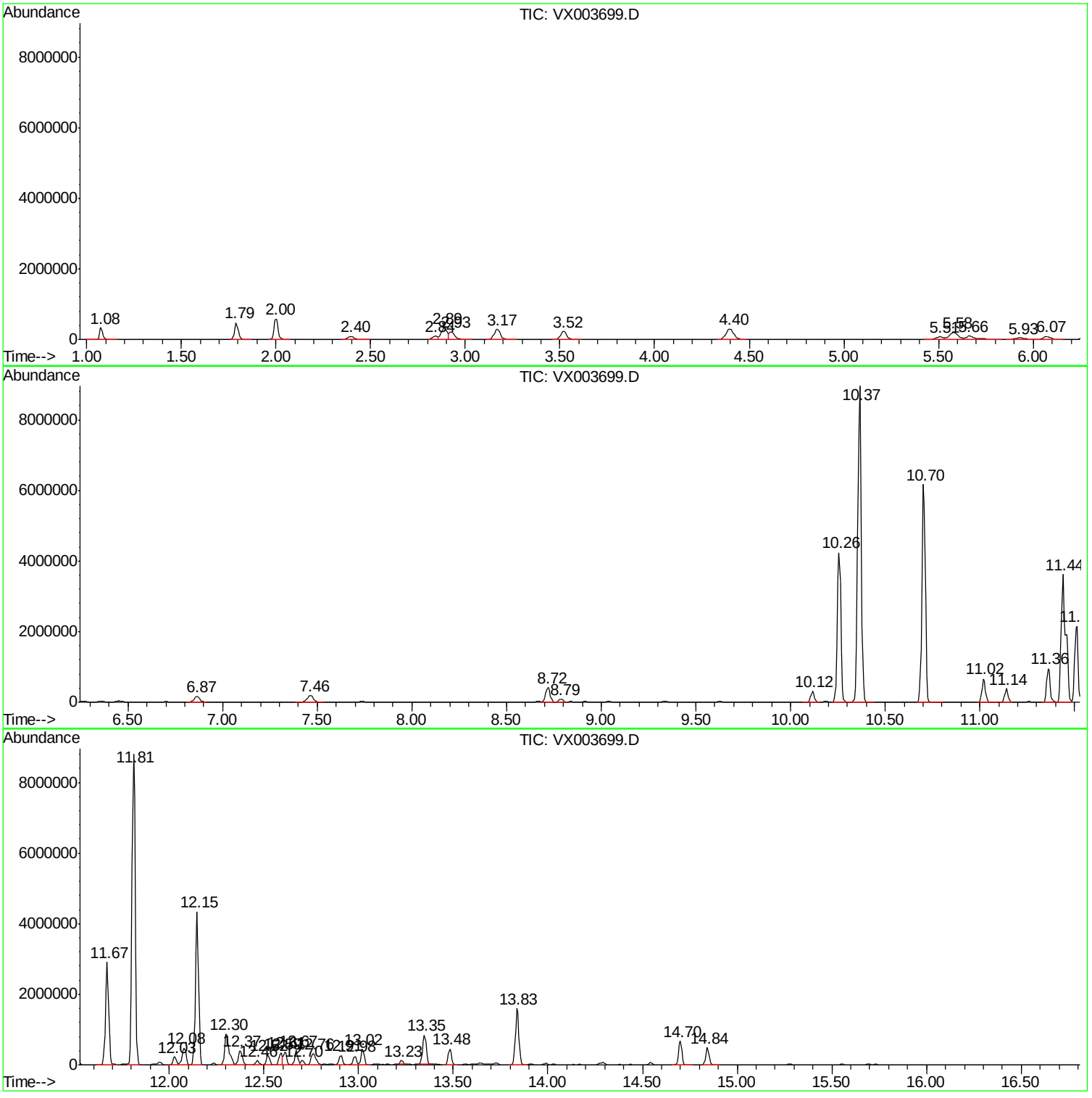
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003699.D
Acq On : 27 Jul 2018 05:33
Operator : JC/SP
Sample : J4154-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0510

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.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\VX072618\
Data File : VX003699.D
Acq On : 27 Jul 2018 05:33
Operator : JC/SP
Sample : J4154-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0510

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260

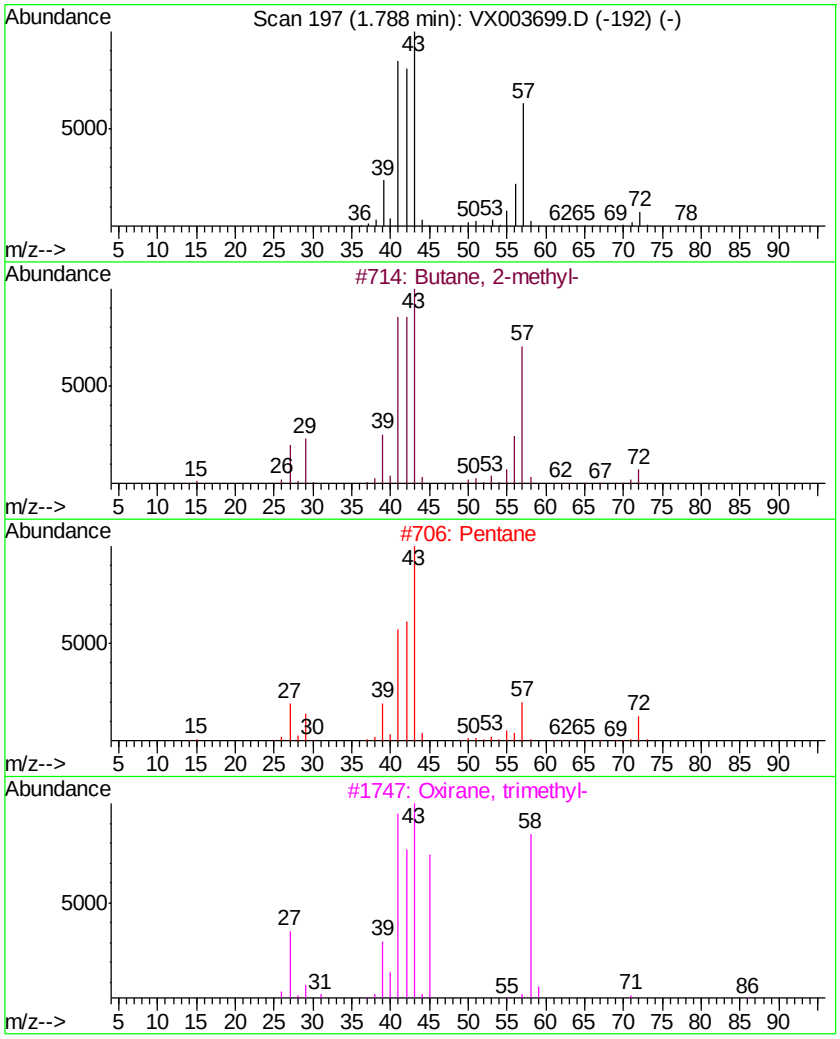
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

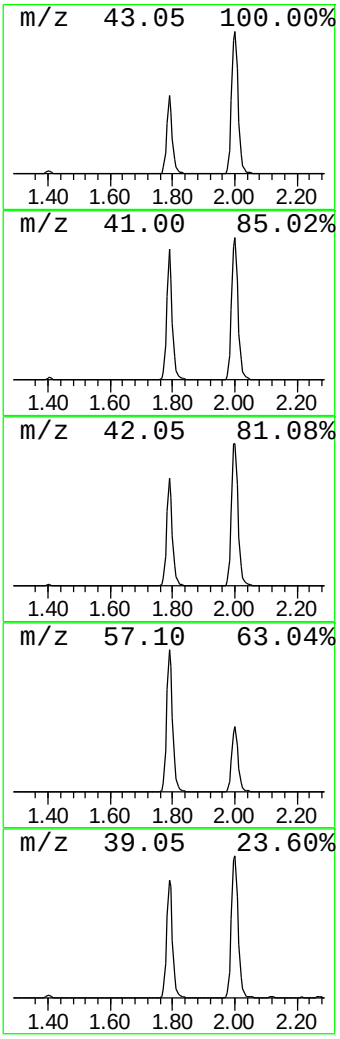
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	91.65 ug/l	639630	Pentafluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	Pentane	72	C5H12	000109-66-0	45
3	Oxirane, trimethyl-	86	C5H10O	005076-19-7	36
4	3-Buten-1-ol	72	C4H8O	000627-27-0	25
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003699.D
Acq On : 27 Jul 2018 05:33
Operator : JC/SP
Sample : J4154-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0510

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260

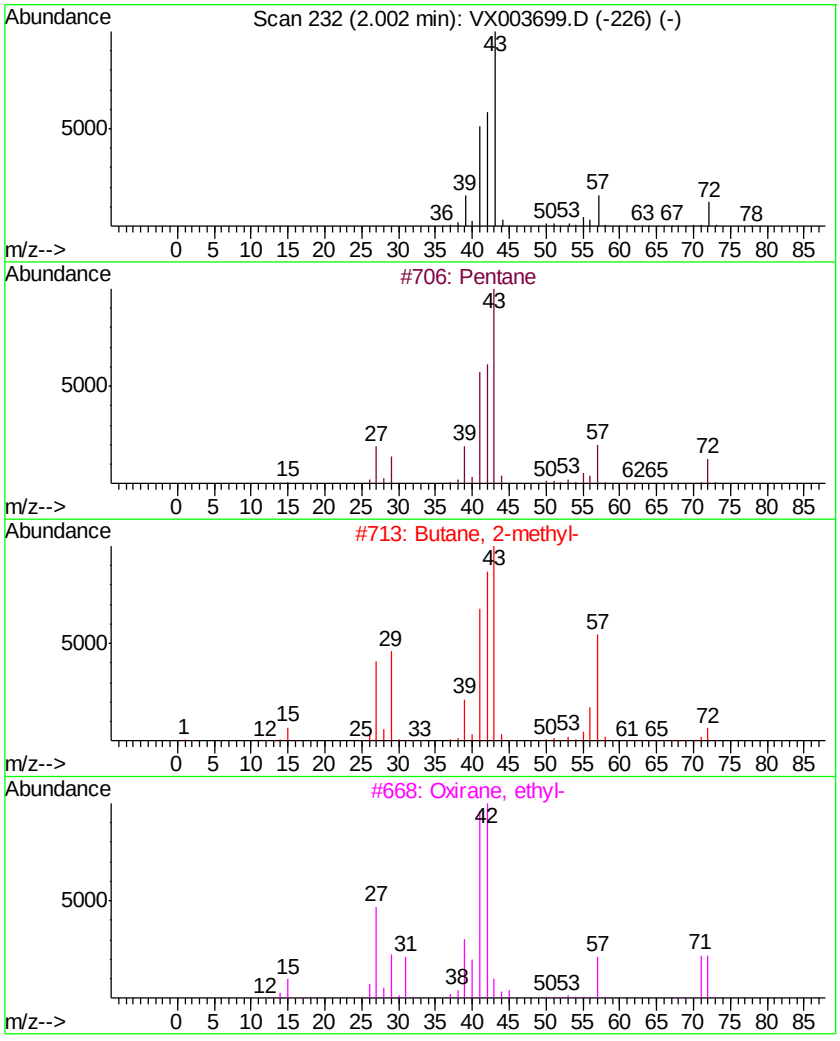
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

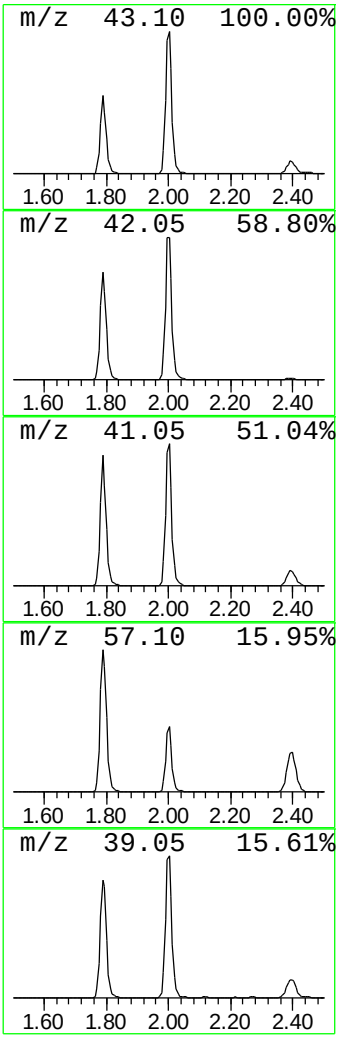
****

Peak Number 2 Pentane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	120.08 ug/l	837973	Pentafluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	38
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	33
4	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	17
5	Butanal, 2,2-dimethyl-	100	C6H12O	002094-75-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003699.D
Acq On : 27 Jul 2018 05:33
Operator : JC/SP
Sample : J4154-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0510

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260

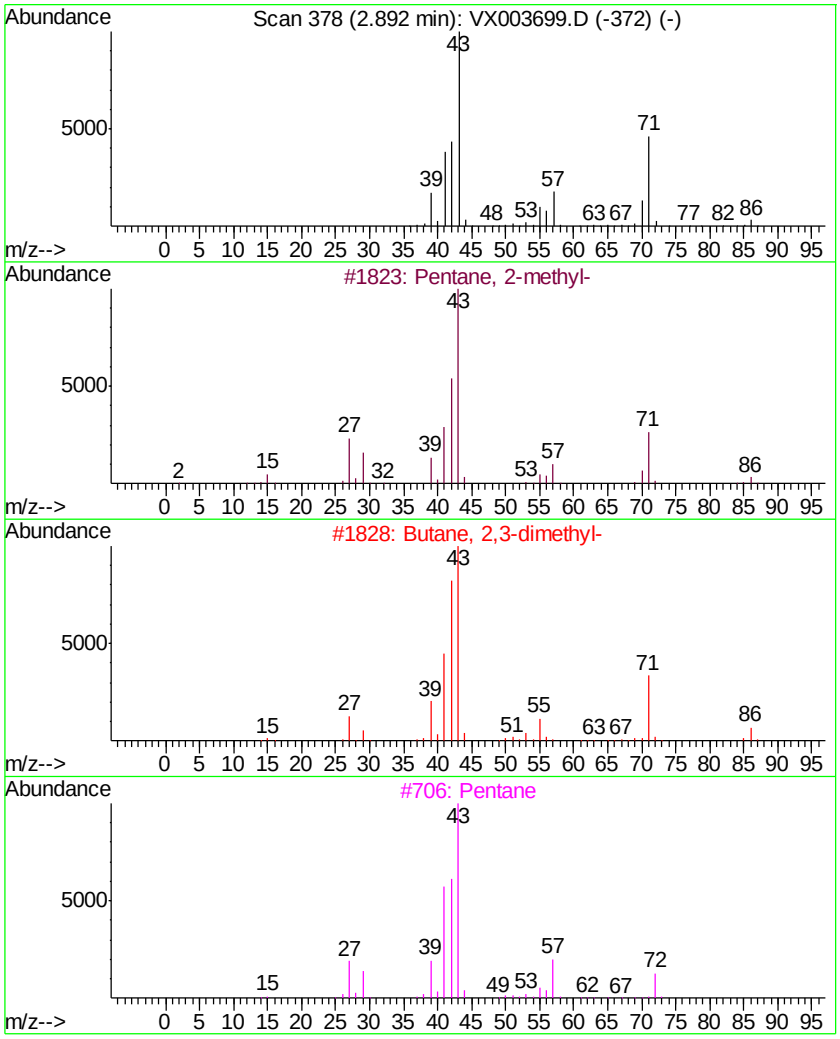
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

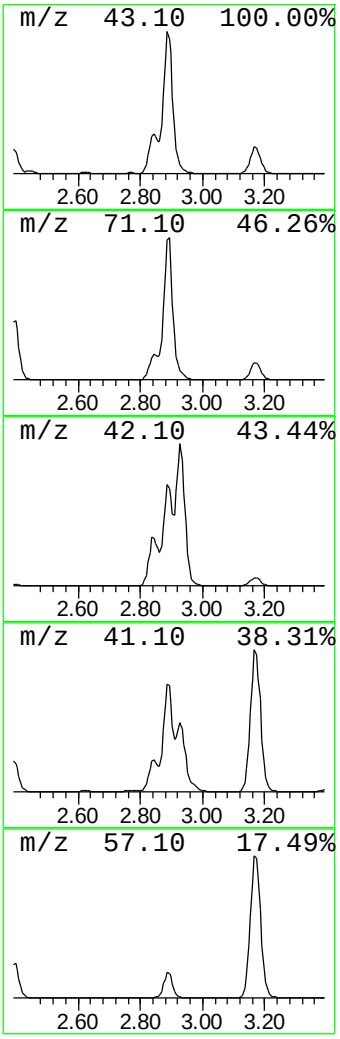
****

Peak Number 3 Pentane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	101.46 ug/l	708053	Pentafluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
3	Pentane	72	C5H12	000109-66-0	46
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	23





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003699.D
Acq On : 27 Jul 2018 05:33
Operator : JC/SP
Sample : J4154-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0510

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260

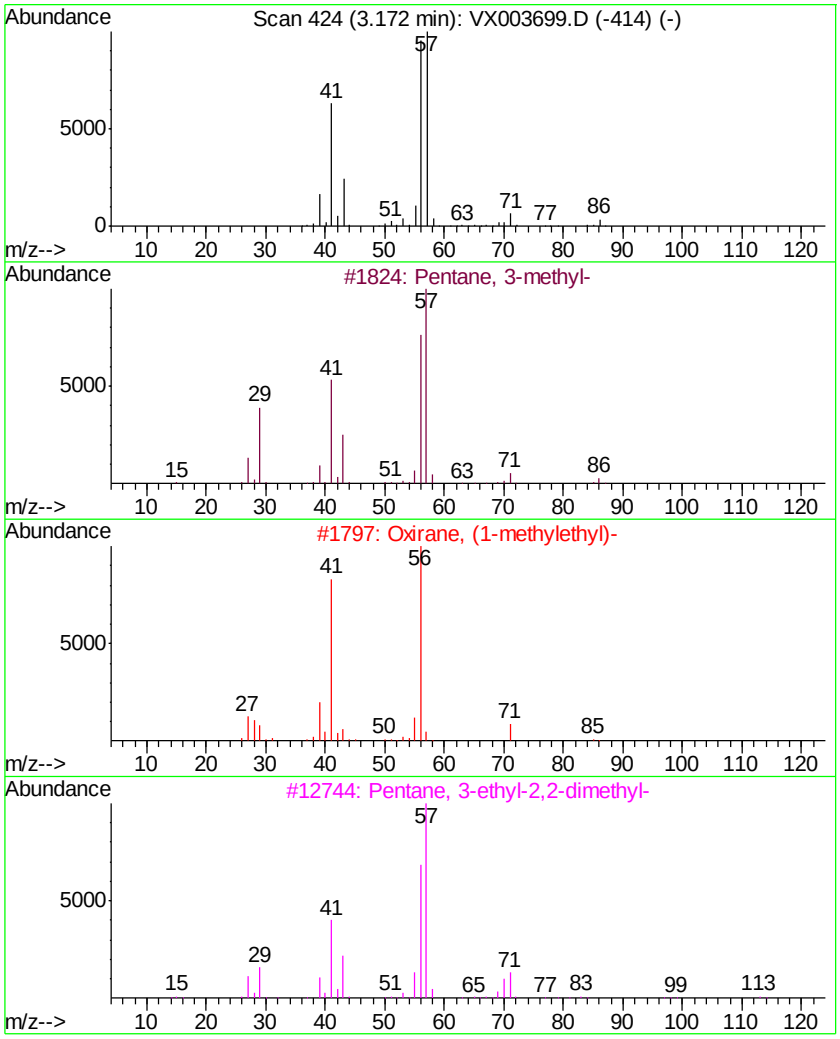
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

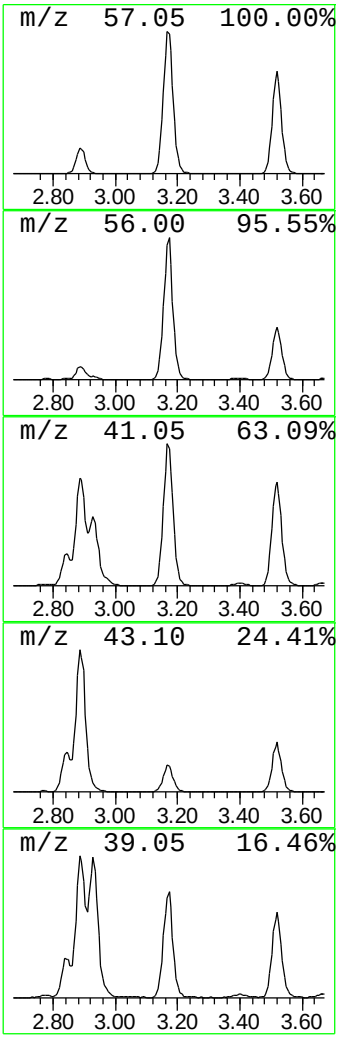
****

Peak Number 4 Pentane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	92.96 ug/l	648705	Pentafluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	64
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	45
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003699.D
Acq On : 27 Jul 2018 05:33
Operator : JC/SP
Sample : J4154-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0510

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260

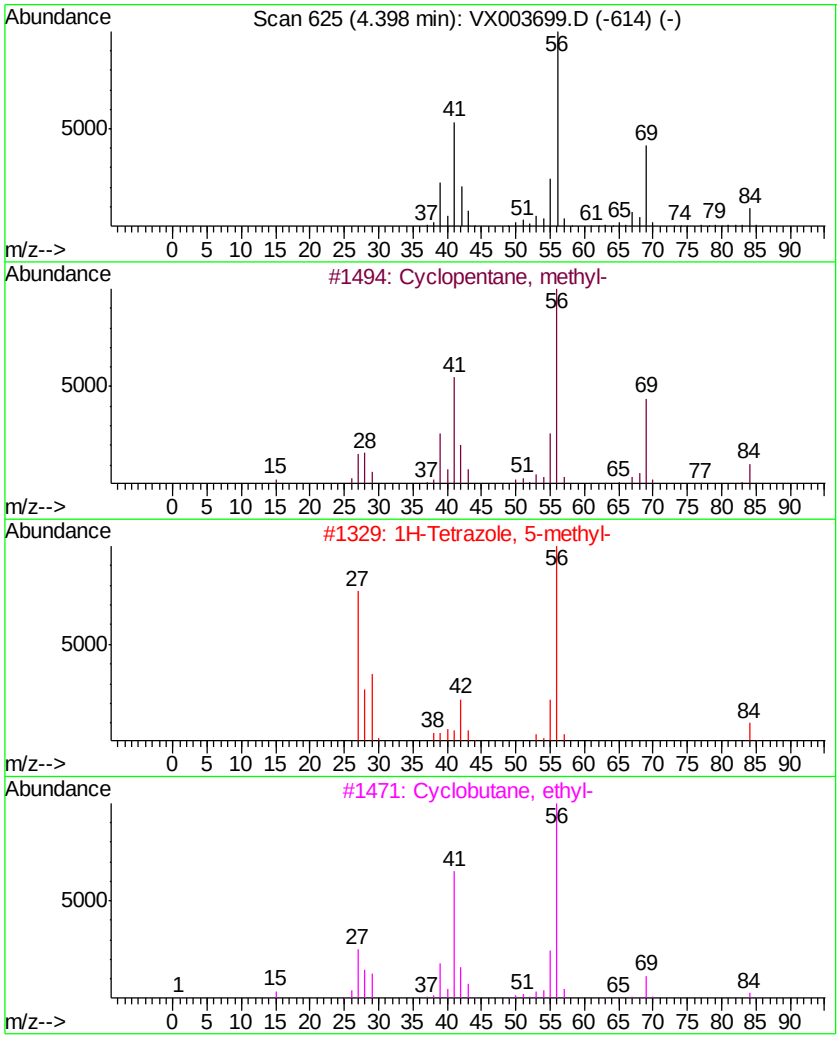
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

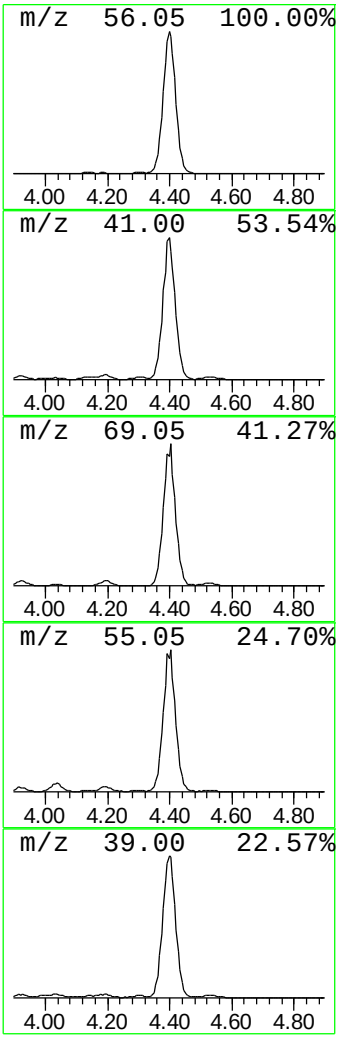
****

Peak Number 5 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	124.52 ug/l	868984	Pentafluorobenzene	5.66

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	72
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
5	Cyclobutane, 1,2-diethyl-, cis-	112	C8H16	061141-50-2	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003699.D
Acq On : 27 Jul 2018 05:33
Operator : JC/SP
Sample : J4154-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0510

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260

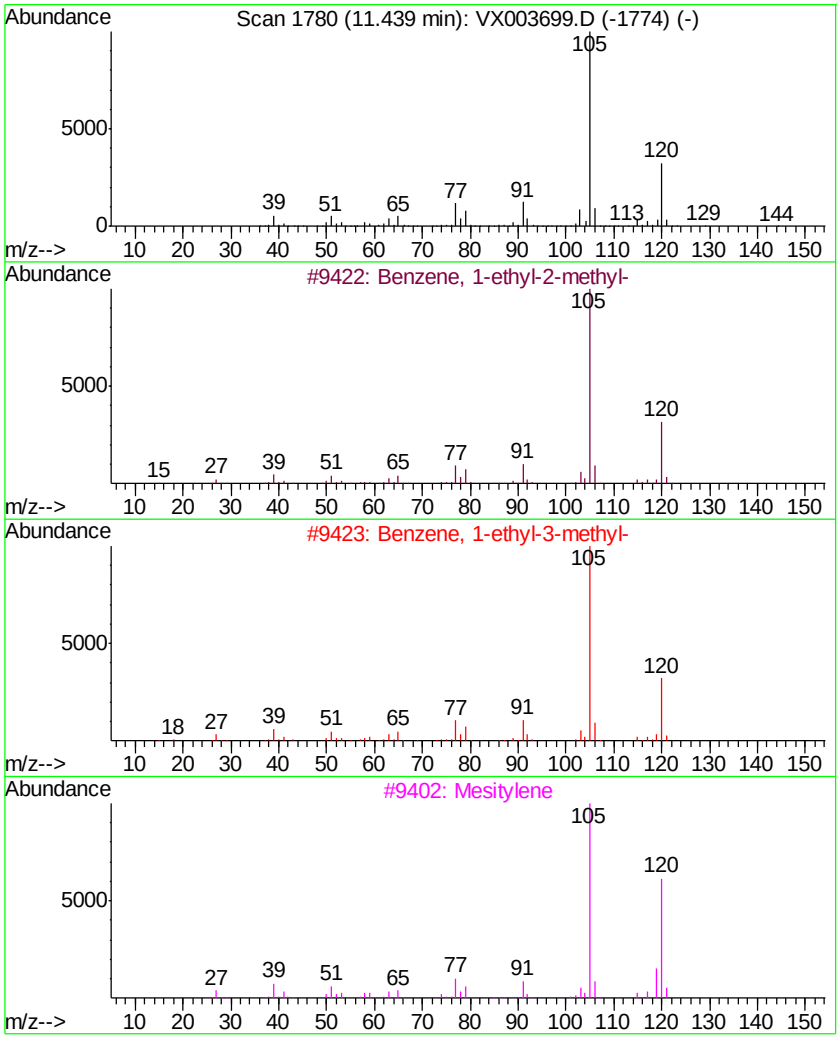
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

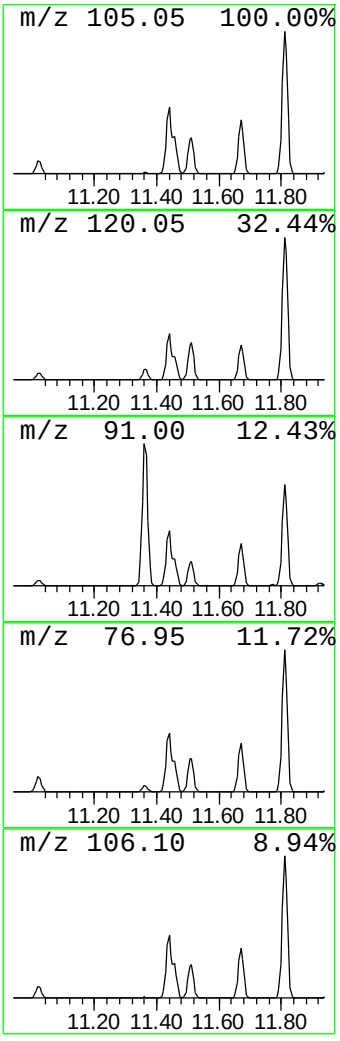
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	454.58 ug/l	6127700	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-3-methyl-	120	C9H12	000620-14-4	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003699.D
Acq On : 27 Jul 2018 05:33
Operator : JC/SP
Sample : J4154-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0510

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260

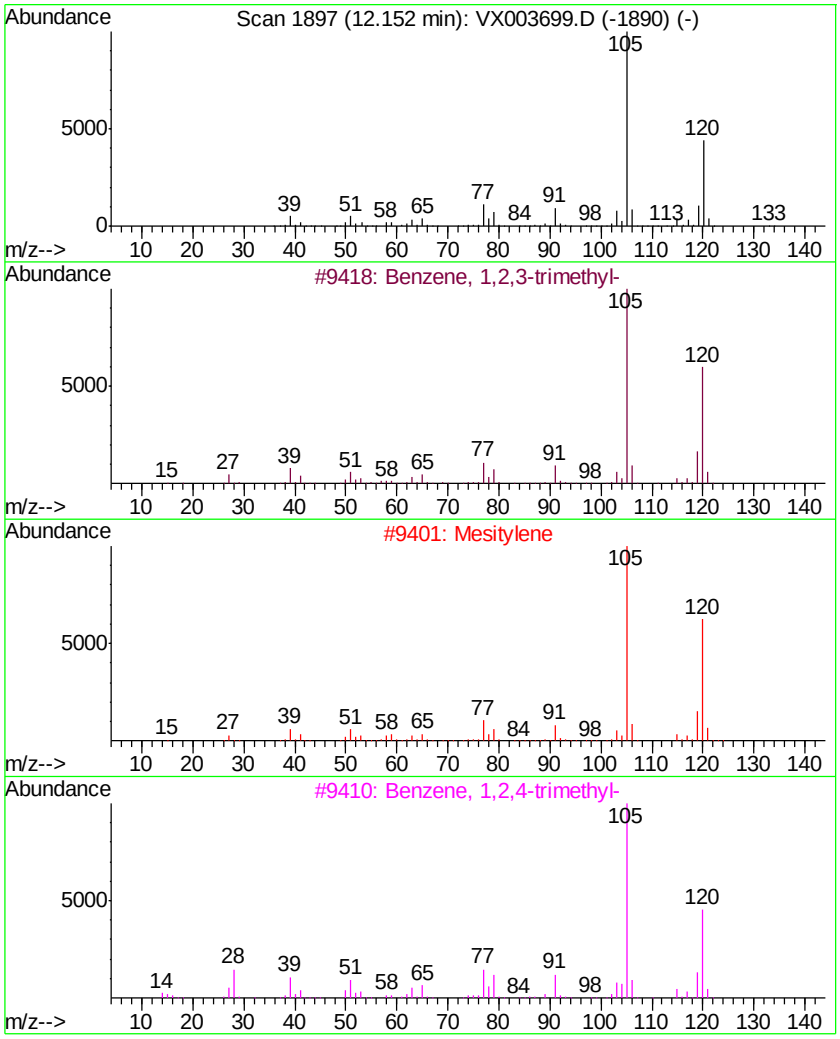
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

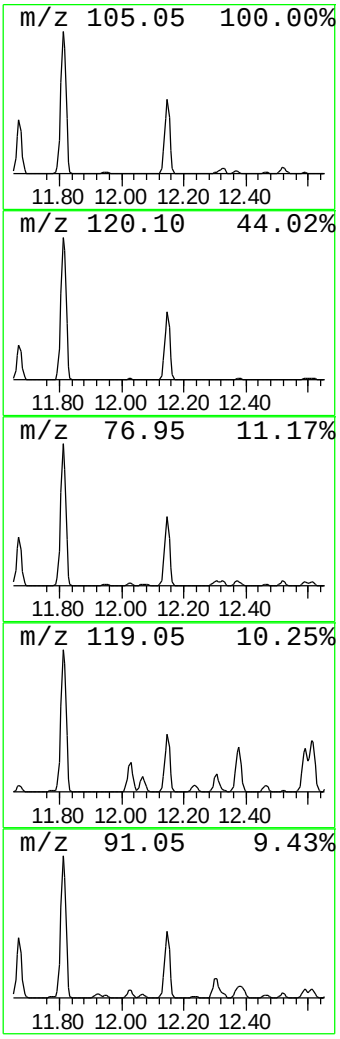
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	380.21 ug/l	5125120	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	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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\VX072618\
Data File : VX003699.D
Acq On : 27 Jul 2018 05:33
Operator : JC/SP
Sample : J4154-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0510

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260

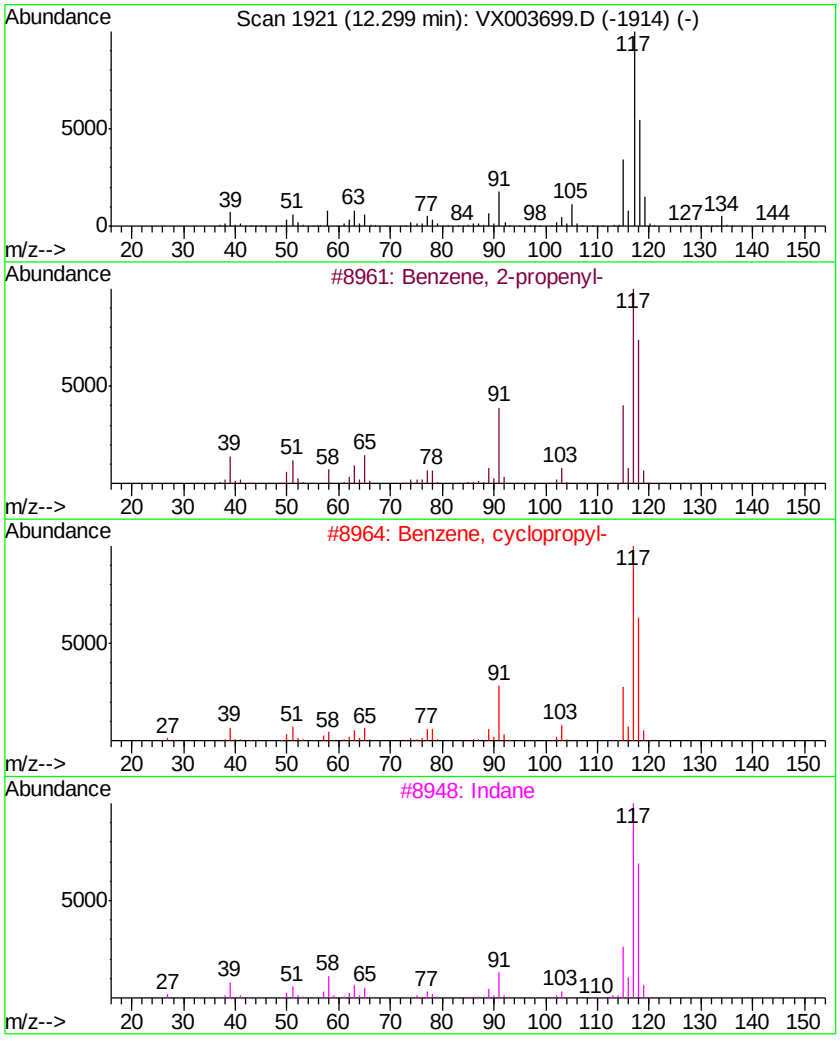
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

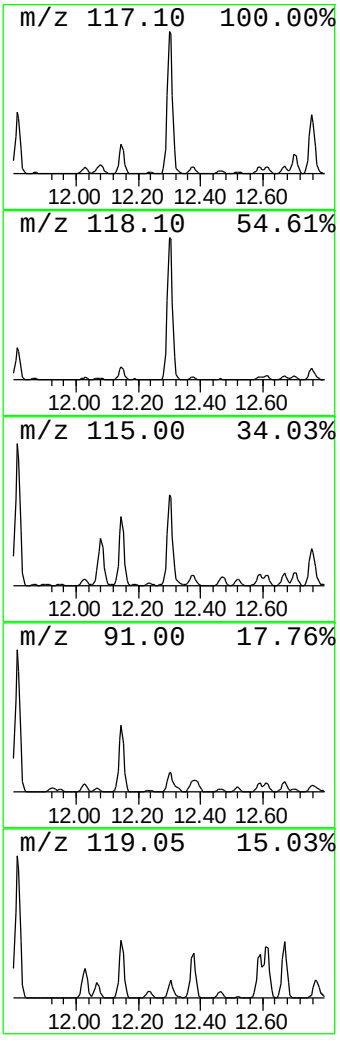
****

Peak Number 9 Benzene, 2-propenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	104.74 ug/l	1411810	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Indane	118	C9H10	000496-11-7	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\VX072618\
Data File : VX003699.D
Acq On : 27 Jul 2018 05:33
Operator : JC/SP
Sample : J4154-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0510

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260

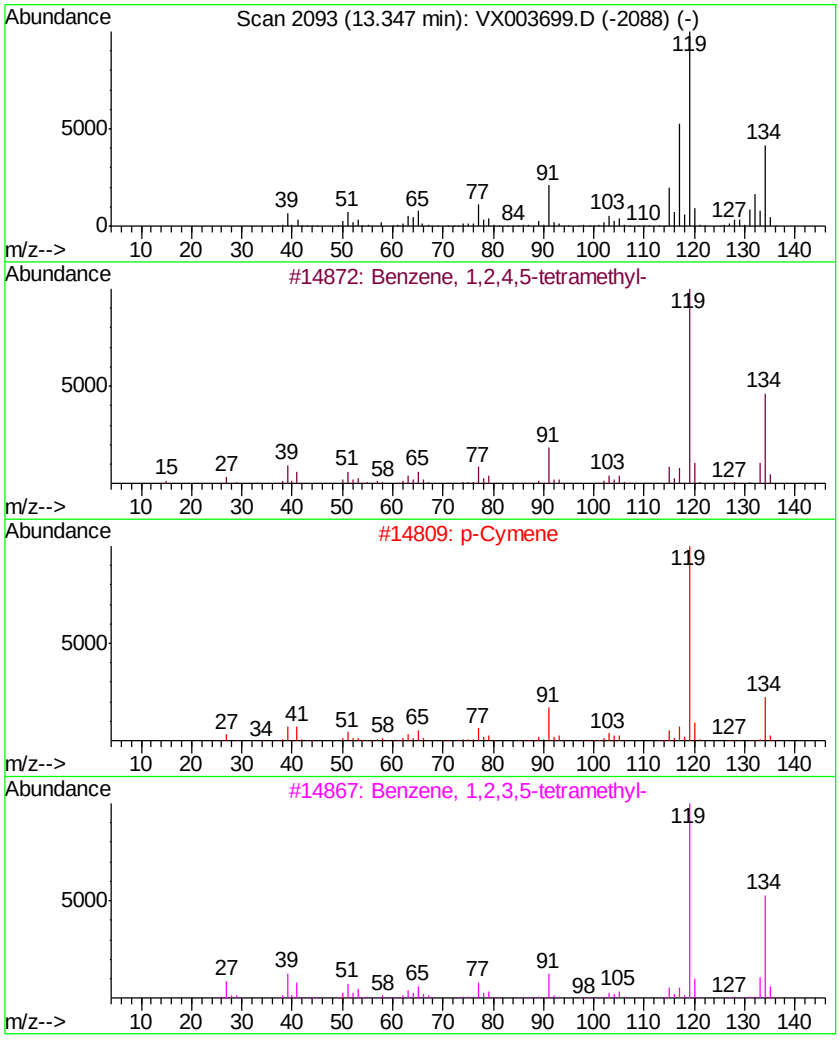
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

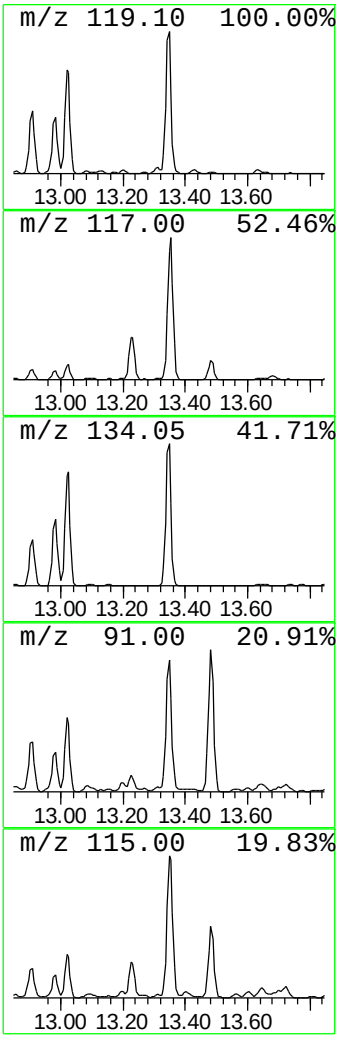
****

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	80.79 ug/l	1089030	1,4-Dichlorobenzene-d4	12.08

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003699.D
Acq On : 27 Jul 2018 05:33
Operator : JC/SP
Sample : J4154-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0510

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.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
Butane, 2-methyl-	1.79	91.7	ug/l	639630	1	5.66	348935	50.0
Pentane	2.00	120.1	ug/l	837973	1	5.66	348935	50.0
Pentane, 2-methyl-	2.89	101.5	ug/l	708053	1	5.66	348935	50.0
Pentane, 3-methyl-	3.17	93.0	ug/l	648705	1	5.66	348935	50.0
Cyclopentane, met...	4.40	124.5	ug/l	868984	1	5.66	348935	50.0
Benzene, 1-ethyl-...	11.44	454.6	ug/l	6127700	4	12.08	673995	50.0
Benzene, 1,2,3-tr...	12.15	380.2	ug/l	5125120	4	12.08	673995	50.0
Benzene, 2-propenyl-	12.30	104.7	ug/l	1411810	4	12.08	673995	50.0
Benzene, 1,2,4,5-...	13.35	80.8	ug/l	1089030	4	12.08	673995	50.0