LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
Data File : VX004522.D
Acq On : 13 Sep 2018 17:55
Operator : JC/MD
Sample : J4892-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : C-MW-07-091118

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\82X091118W.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	1.788	99	104	115	rVB	197931	276505	21.45%	2.539%
2	1.995	133	138	146	rVB	49361	72248	5.60%	0.663%
3	2.391	198	203	209	rBV3	8282	16062	1.25%	0.147%
4	2.617	233	240	247	rBV	39812	73812	5.73%	0.678%
5	2.843	271	277	280	rBV	23442	48200	3.74%	0.443%
6	2.885	280	284	290	rVB	46418	87337	6.77%	0.802%
7	3.166	321	330	343	rVB	39996	95802	7.43%	0.880%
8	3.397	360	368	376	rVV4	8325	22447	1.74%	0.206%
9	3.513	380	387	401	rVB2	19956	51582	4.00%	0.474%
10	3.745	417	425	430	rBV2	7763	18586	1.44%	0.171%
11	3.812	430	436	445	rVB	10824	25767	2.00%	0.237%
12	3.922	445	454	463	rBV2	8839	22967	1.78%	0.211%
13	4.190	490	498	506	rBV5	8458	21690	1.68%	0.199%
14	4.397	522	532	544	rVB2	33812	102564	7.96%	0.942%
15	4.763	576	592	602	rBV	10173	34936	2.71%	0.321%
16	5.208	654	665	672	rBV6	6001	21635	1.68%	0.199%
17	5.287	672	678	690	rVB6	5897	22275	1.73%	0.205%
18	5.501	700	713	723	rBV2	180982	510552	39.60%	4.688%
19	5.665	730	740	769	rVB	241245	748439	58.06%	6.872%
20	5.927	772	783	795	rVB3	12711	40550	3.15%	0.372%
21	6.068	795	806	819	rBV	188124	479240	37.18%	4.400%
22	6.251	821	836	845	rVV6	7650	33244	2.58%	0.305%
23	6.354	845	853	862	rVV3	14635	43199	3.35%	0.397%
24	6.464	862	871	879	rVB5	10463	29131	2.26%	0.267%
25	6.702	900	910	917	rBV3	6016	15583	1.21%	0.143%
26	6.866	927	937	946	rBV2	332052	794079	61.60%	7.291%
27	7.147	977	983	992	rVB4	5846	13607	1.06%	0.125%
28	7.256	992	1001	1009	rBV3	14928	36309	2.82%	0.333%
29	7.458	1023	1034	1047	rVB4	22194	61863	4.80%	0.568%
30	7.958	1105	1116	1124	rBV5	7182	24963	1.94%	0.229%
31	8.061	1124	1133	1142	rVB4	6804	18114	1.41%	0.166%
32	8.177	1145	1152	1155	rBV4	12446	27610	2.14%	0.254%
33	8.208	1155	1157	1163	rVV	11688	21433	1.66%	0.197%
34	8.573	1210	1217	1227	rVB3	16435	32436	2.52%	0.298%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
Data File : VX004522.D
Acq On : 13 Sep 2018 17:55
Operator : JC/MD
Sample : J4892-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : C-MW-07-091118

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\82X091118W.M
Title : SW846 8260

35	8.714	1234	1240	1252	rVB	834251	1289125	100.00%	11.837%
36	9.226	1319	1324	1330	rVB2	13174	19720	1.53%	0.181%
37	10.116	1460	1470	1485	rBV	688680	937639	72.73%	8.609%
38	10.256	1488	1493	1502	rVV	136271	185088	14.36%	1.699%
39	10.360	1505	1510	1517	rVB	139931	190041	14.74%	1.745%
40	11.018	1613	1618	1626	rBV	80650	107177	8.31%	0.984%
41	11.140	1632	1638	1650	rBV	687015	867262	67.28%	7.963%
42	11.359	1669	1674	1681	rVB	99336	121456	9.42%	1.115%
43	11.433	1681	1686	1694	rVV	301433	586794	45.52%	5.388%
44	11.506	1694	1698	1707	rVB	134482	166484	12.91%	1.529%
45	11.670	1718	1725	1737	rBV	177436	226840	17.60%	2.083%
46	11.811	1743	1748	1755	rVB	54894	68171	5.29%	0.626%
47	12.024	1779	1783	1787	rVV	14608	18802	1.46%	0.173%
48	12.079	1787	1792	1800	rVB	889031	1069731	82.98%	9.822%
49	12.298	1820	1828	1831	rBV	102858	148938	11.55%	1.368%
50	12.371	1836	1840	1848	rVB3	68907	108996	8.46%	1.001%
51	12.463	1850	1855	1860	rBV2	11731	15424	1.20%	0.142%
52	12.518	1860	1864	1869	rVB	34810	41168	3.19%	0.378%
53	12.585	1869	1875	1878	rBV	37010	49707	3.86%	0.456%
54	12.670	1884	1889	1892	rBV	56911	69429	5.39%	0.637%
55	12.701	1892	1894	1899	rVB	13092	15381	1.19%	0.141%
56	12.755	1899	1903	1911	rBV2	63514	89645	6.95%	0.823%
57	12.975	1932	1939	1943	rBV	61919	81045	6.29%	0.744%
58	13.018	1943	1946	1952	rVB	52909	64735	5.02%	0.594%
59	13.225	1977	1980	1990	rVB	31142	39430	3.06%	0.362%
60	13.347	1995	2000	2006	rVB2	82400	116434	9.03%	1.069%
61	13.481	2018	2022	2028	rVB2	12641	17002	1.32%	0.156%
62	13.639	2044	2048	2055	rVV3	10986	17013	1.32%	0.156%
63	13.719	2059	2061	2067	rVB2	10975	16041	1.24%	0.147%
64	13.835	2073	2080	2090	rBV	98067	125012	9.70%	1.148%
65	14.700	2217	2222	2227	rVB	34919	44204	3.43%	0.406%
66	14.840	2240	2245	2250	rVB	25933	32129	2.49%	0.295%

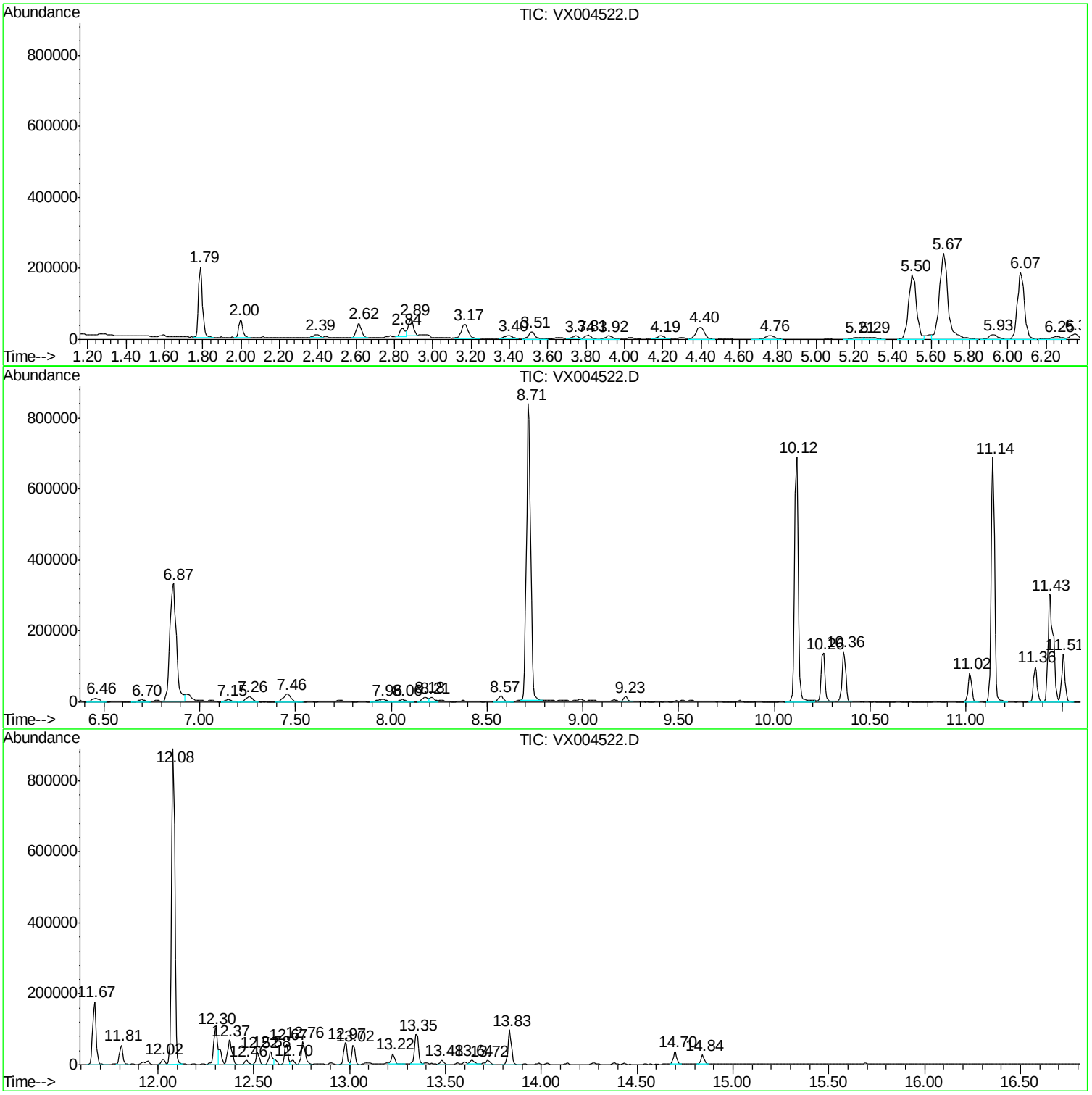
Sum of corrected areas: 10890830

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091318\
Data File : VX004522.D
Acq On : 13 Sep 2018 17:55
Operator : JC/MD
Sample : J4892-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : C-MW-07-091118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.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\VX091318\
Data File : VX004522.D
Acq On : 13 Sep 2018 17:55
Operator : JC/MD
Sample : J4892-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : C-MW-07-091118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

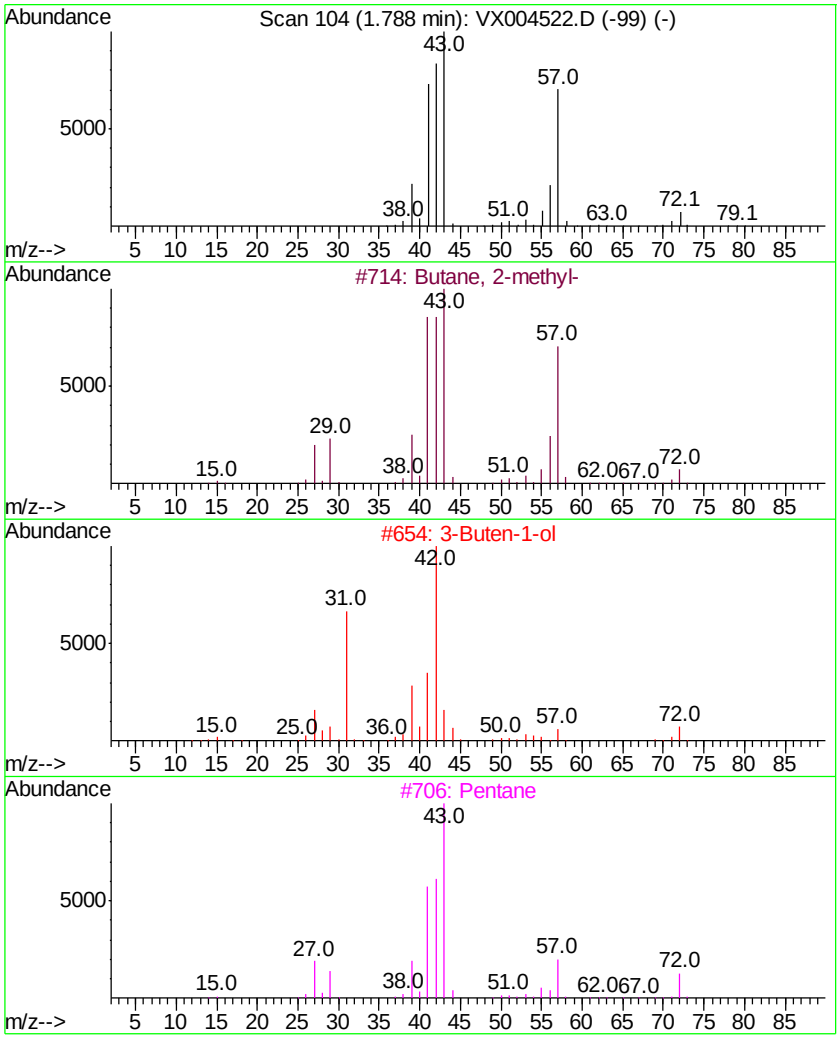
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

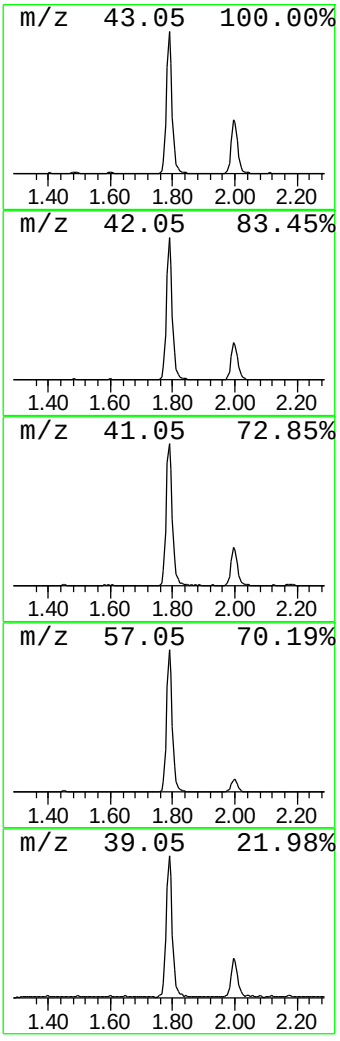
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	18.47 ug/l	276505	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	3-Buten-1-ol	72	C4H8O	000627-27-0	50
3	Pentane	72	C5H12	000109-66-0	39
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	10
5	2-Butene	56	C4H8	000107-01-7	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
Data File : VX004522.D
Acq On : 13 Sep 2018 17:55
Operator : JC/MD
Sample : J4892-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : C-MW-07-091118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

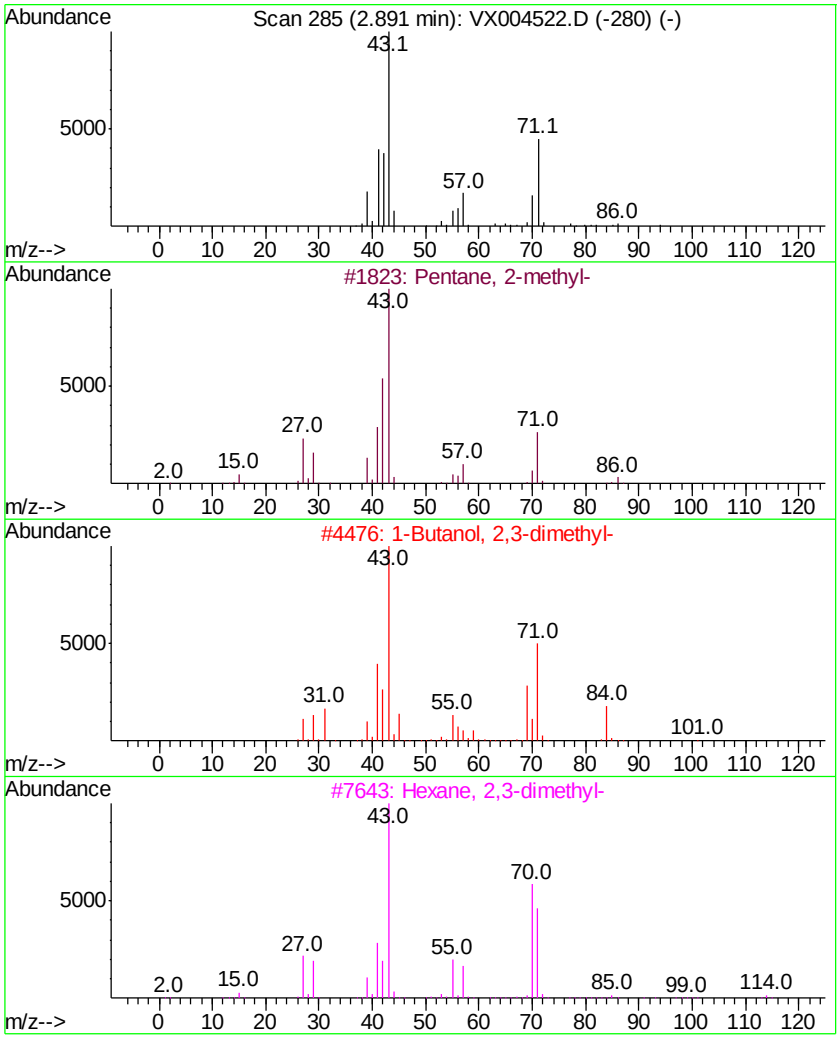
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

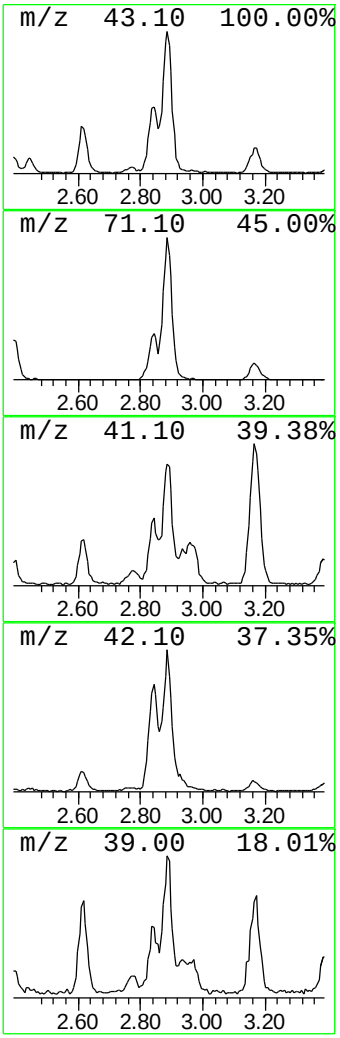
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	5.83 ug/l	87337	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	74
2	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	42
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	28
5	Pentane, 2-nitro-	117	C5H11NO2	004609-89-6	25





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091318\
Data File : VX004522.D
Acq On : 13 Sep 2018 17:55
Operator : JC/MD
Sample : J4892-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : C-MW-07-091118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

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

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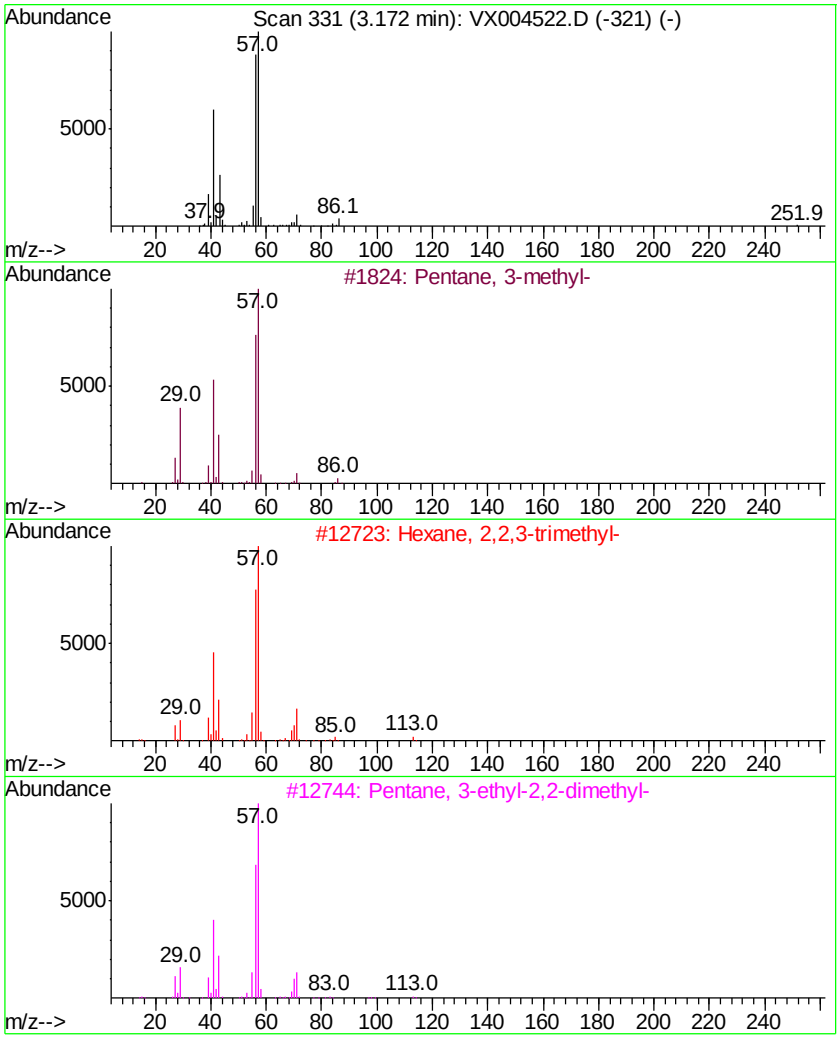
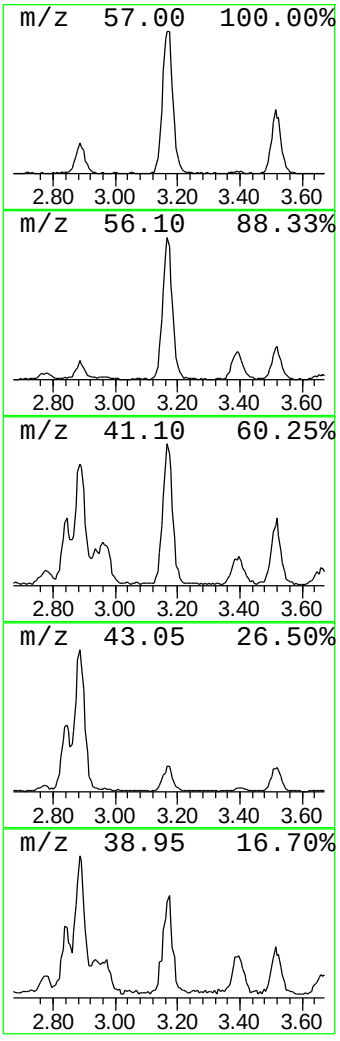
Peak Number 3 Pentane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	6.40 ug/l	95802	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
4	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	56
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
Data File : VX004522.D
Acq On : 13 Sep 2018 17:55
Operator : JC/MD
Sample : J4892-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : C-MW-07-091118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

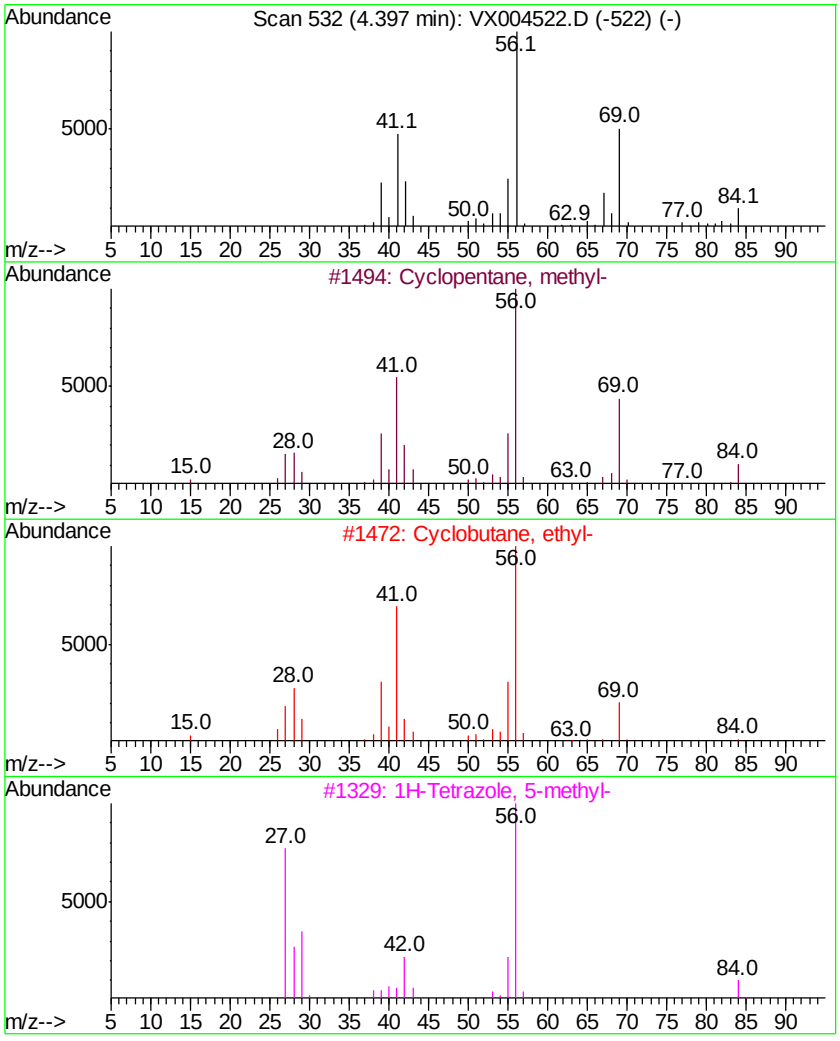
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

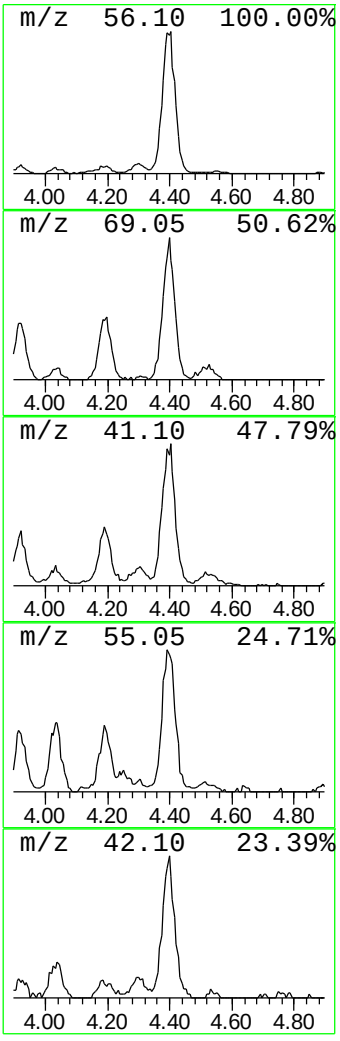
****

Peak Number 4 Cyclopentane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	6.85 ug/l	102564	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	58
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	45
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	42
5	Cyclobutane, butyl-	112	C8H16	013152-44-8	33





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091318\
Data File : VX004522.D
Acq On : 13 Sep 2018 17:55
Operator : JC/MD
Sample : J4892-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : C-MW-07-091118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

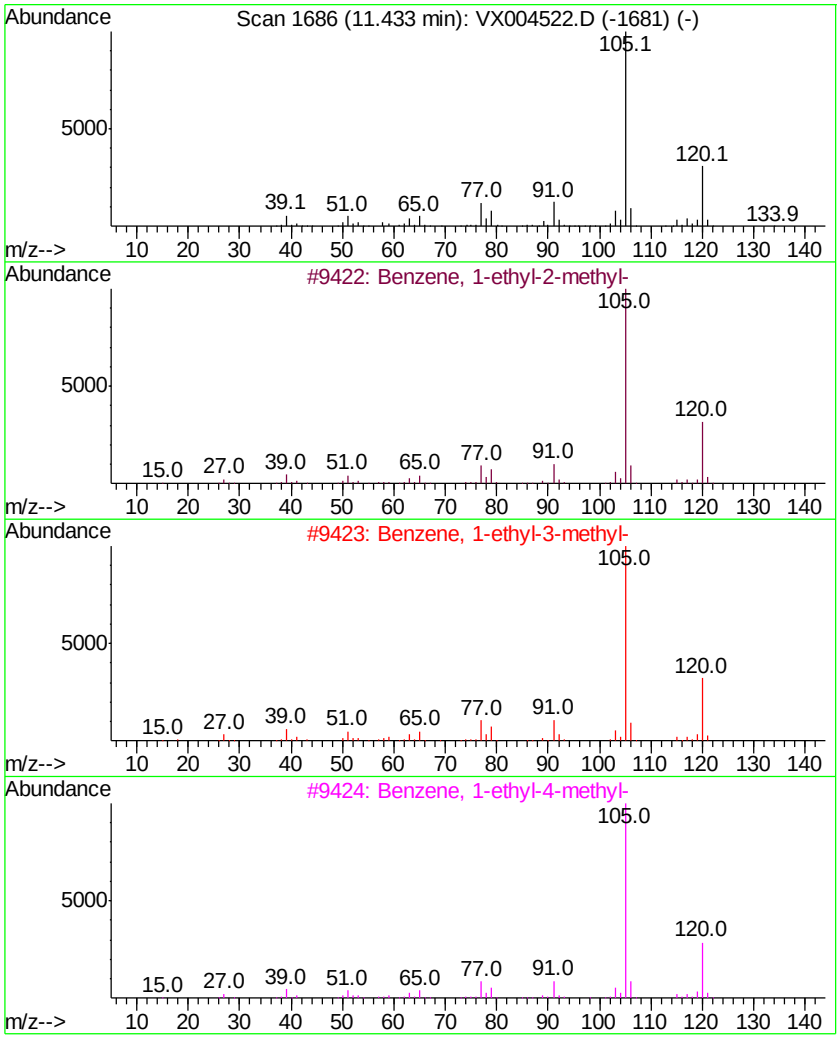
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

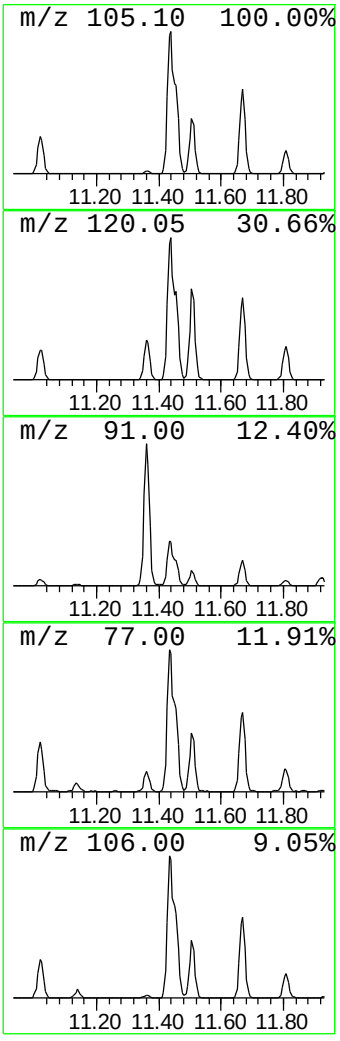
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	27.43 ug/l	586794	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	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Mesitylene	120	C9H12	000108-67-8	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\VX091318\
Data File : VX004522.D
Acq On : 13 Sep 2018 17:55
Operator : JC/MD
Sample : J4892-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : C-MW-07-091118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

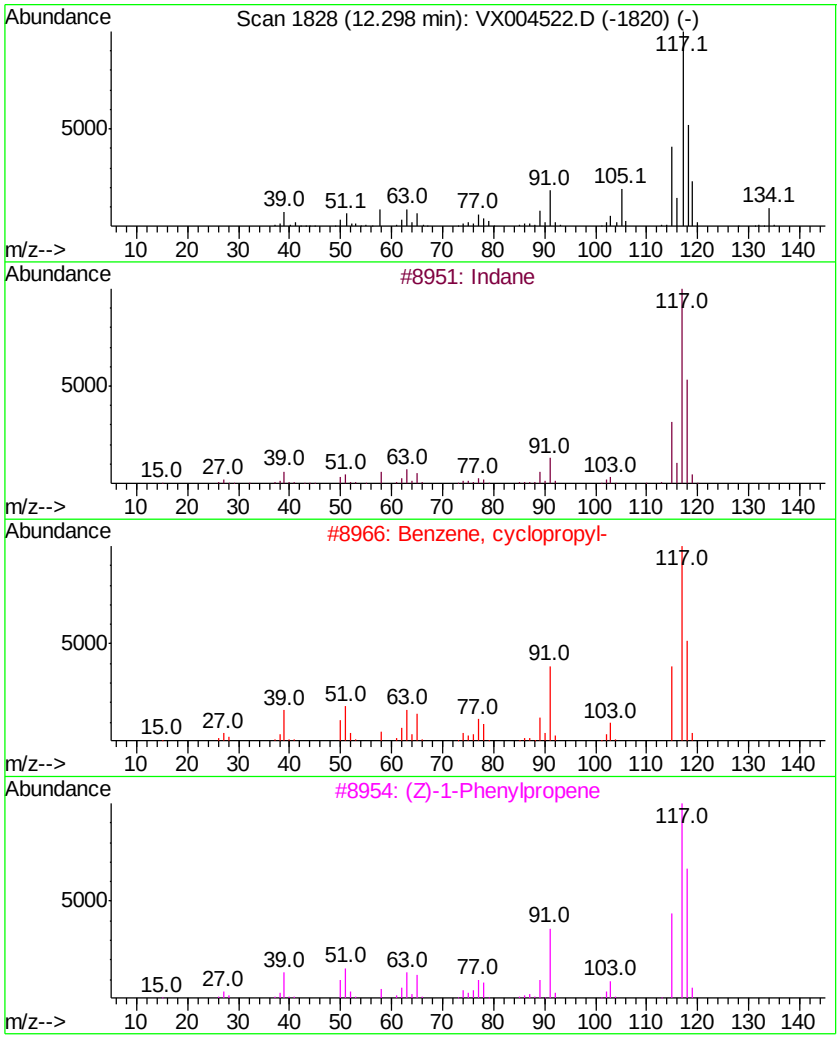
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

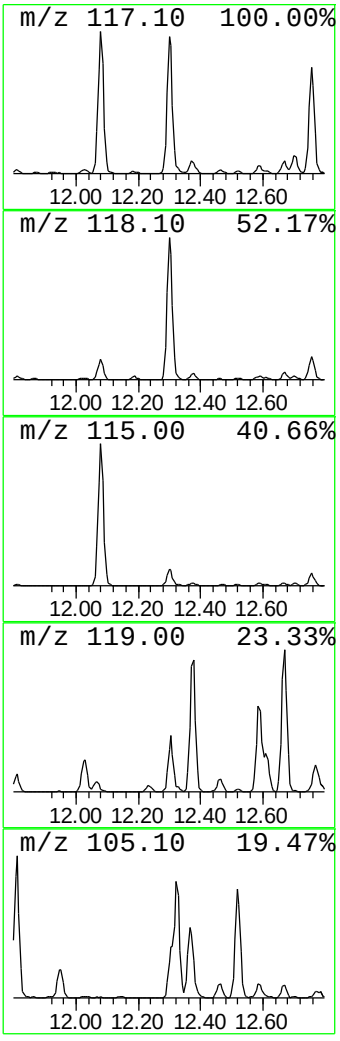
****

Peak Number 7 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	6.96 ug/l	148938	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	92
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	60
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	58
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
Data File : VX004522.D
Acq On : 13 Sep 2018 17:55
Operator : JC/MD
Sample : J4892-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : C-MW-07-091118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

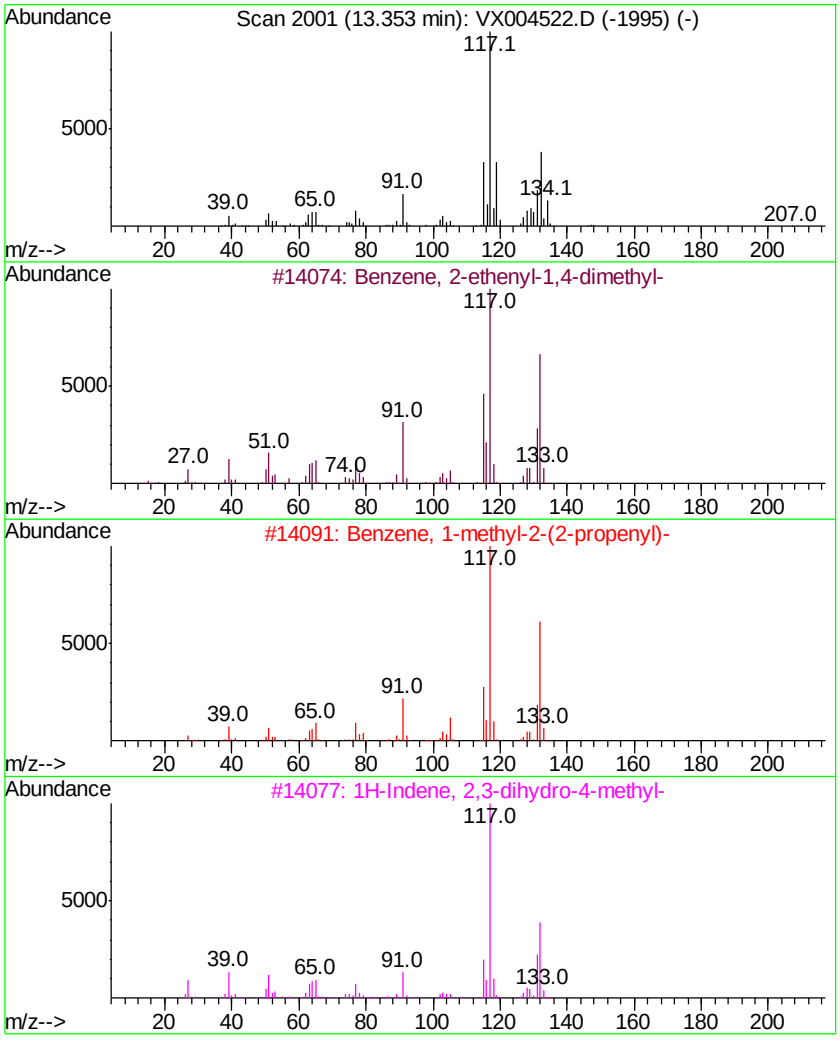
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

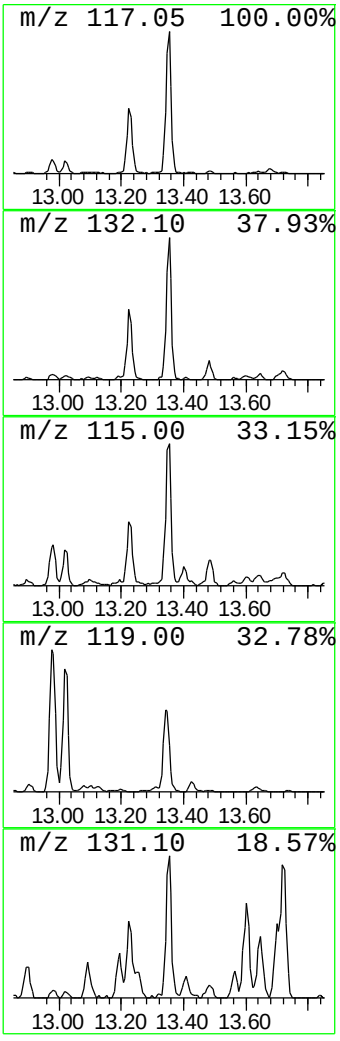
****

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	5.44 ug/l	116434	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091318\
Data File : VX004522.D
Acq On : 13 Sep 2018 17:55
Operator : JC/MD
Sample : J4892-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : C-MW-07-091118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.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	18.5	ug/l	276505	1	5.67	748439	50.0
Pentane, 2-methyl-	2.89	5.8	ug/l	87337	1	5.67	748439	50.0
Pentane, 3-methyl-	3.17	6.4	ug/l	95802	1	5.67	748439	50.0
Cyclopentane, met...	4.40	6.8	ug/l	102564	1	5.67	748439	50.0
Benzene, 1-ethyl-...	11.43	27.4	ug/l	586794	4	12.08	1069730	50.0
Indane	12.30	7.0	ug/l	148938	4	12.08	1069730	50.0
Benzene, 2-etheny...	13.35	5.4	ug/l	116434	4	12.08	1069730	50.0