LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004755.D
Acq On : 27 Sep 2018 05:58
Operator : JC/MD
Sample : J5020-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-2-9.0-091918

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\82X092618W.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	1.281	16	21	33	rBV	44477	155010	1.11%	0.143%
2	4.397	521	532	546	rVB3	129105	369771	2.65%	0.342%
3	5.500	700	713	721	rBV2	196396	585094	4.19%	0.541%
4	5.665	732	740	773	rVB	258058	923359	6.62%	0.853%
5	6.067	796	806	815	rBV	205582	532929	3.82%	0.493%
6	6.354	845	853	862	rVV2	57273	167762	1.20%	0.155%
7	6.860	924	936	944	rBV	407257	1001319	7.18%	0.925%
8	7.457	1021	1034	1047	rBV5	193725	575053	4.12%	0.531%
9	8.213	1154	1158	1164	rVB	174607	293838	2.11%	0.272%
10	8.573	1211	1217	1227	rVB3	80008	146354	1.05%	0.135%
11	8.719	1235	1241	1250	rBV	929262	1501741	10.76%	1.388%
12	9.225	1319	1324	1335	rVB	137089	233651	1.67%	0.216%
13	10.115	1460	1470	1476	rBV	846835	1252330	8.97%	1.157%
14	10.207	1479	1485	1490	rVB3	63531	148632	1.07%	0.137%
15	11.018	1612	1618	1630	rBV	1214891	1613643	11.56%	1.491%
16	11.139	1633	1638	1643	rBV	904717	1135369	8.14%	1.049%
17	11.359	1665	1674	1686	rBV	4579625	5868978	42.06%	5.424%
18	11.670	1717	1725	1734	rBV	518049	673250	4.82%	0.622%
19	11.920	1760	1766	1768	rBV	232562	309605	2.22%	0.286%
20	11.944	1768	1770	1779	rVB	395064	481653	3.45%	0.445%
21	12.078	1787	1792	1799	rBV	1178459	1453484	10.42%	1.343%
22	12.231	1813	1817	1823	rVB	249950	306837	2.20%	0.284%
23	12.304	1823	1829	1835	rBV	5838138	7630225	54.68%	7.052%
24	12.371	1835	1840	1850	rVB2	1340428	2248981	16.12%	2.078%
25	12.462	1850	1855	1860	rVB	707878	852558	6.11%	0.788%
26	12.523	1860	1865	1871	rBV2	178130	295547	2.12%	0.273%
27	12.590	1871	1876	1883	rBV	1281941	1676302	12.01%	1.549%
28	12.670	1883	1889	1892	rBV	7472416	8584537	61.51%	7.933%
29	12.700	1892	1894	1899	rVV	1561940	1844623	13.22%	1.705%
30	12.761	1899	1904	1911	rVB2	5176764	7496010	53.71%	6.927%
31	12.895	1922	1926	1932	rVB2	307614	462993	3.32%	0.428%
32	12.981	1932	1940	1943	rBV	4404774	5322841	38.14%	4.919%
33	13.017	1943	1946	1952	rVB	3493196	4275776	30.64%	3.951%
34	13.084	1952	1957	1963	rBV3	259552	605664	4.34%	0.560%

LSC Area Percent Report

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Data File : VX004755.D
Acq On : 27 Sep 2018 05:58
Operator : JC/MD
Sample : J5020-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-2-9.0-091918

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\82X092618W.M
Title : SW846 8260

35	13.194	1972	1975	1977	rBV2	255676	316444	2.27%	0.292%
36	13.224	1977	1980	1990	rVB	4532879	5568639	39.90%	5.146%
37	13.316	1990	1995	1996	rBV2	281585	387051	2.77%	0.358%
38	13.352	1996	2001	2006	rVB2	10249267	13955466	100.00%	12.897%
39	13.401	2006	2009	2012	rBV2	301756	380752	2.73%	0.352%
40	13.480	2018	2022	2028	rVB	539810	691429	4.95%	0.639%
41	13.560	2030	2035	2038	rVV2	327595	462360	3.31%	0.427%
42	13.602	2038	2042	2045	rVV	923182	1287221	9.22%	1.190%
43	13.645	2045	2049	2054	rVV2	949929	1789595	12.82%	1.654%
44	13.724	2054	2062	2068	rVB2	931845	2075874	14.87%	1.918%
45	13.852	2079	2083	2088	rVB2	157149	202556	1.45%	0.187%
46	13.913	2088	2093	2098	rVB	228882	282475	2.02%	0.261%
47	13.986	2098	2105	2109	rBV2	498093	714548	5.12%	0.660%
48	14.029	2109	2112	2116	rVB	377353	431331	3.09%	0.399%
49	14.133	2124	2129	2133	rBV	631781	776379	5.56%	0.717%
50	14.273	2148	2152	2158	rBV2	671787	1351617	9.69%	1.249%
51	14.377	2164	2169	2175	rBV	354981	560110	4.01%	0.518%
52	14.432	2175	2178	2182	rVB	406426	474174	3.40%	0.438%
53	14.541	2191	2196	2200	rBV2	478435	604597	4.33%	0.559%
54	14.657	2209	2215	2217	rBV	177735	245799	1.76%	0.227%
55	14.700	2217	2222	2232	rVB	4699055	5992751	42.94%	5.538%
56	14.840	2240	2245	2254	rBV	5477160	6738617	48.29%	6.228%
57	15.444	2332	2344	2347	rBV	100782	171678	1.23%	0.159%
58	15.553	2355	2362	2366	rBV	288895	460936	3.30%	0.426%
59	15.687	2375	2384	2388	rBV	401537	675317	4.84%	0.624%
60	15.724	2388	2390	2398	rVB	232225	327180	2.34%	0.302%
61	15.919	2412	2422	2432	rVB	94815	256111	1.84%	0.237%

Sum of corrected areas: 108206726

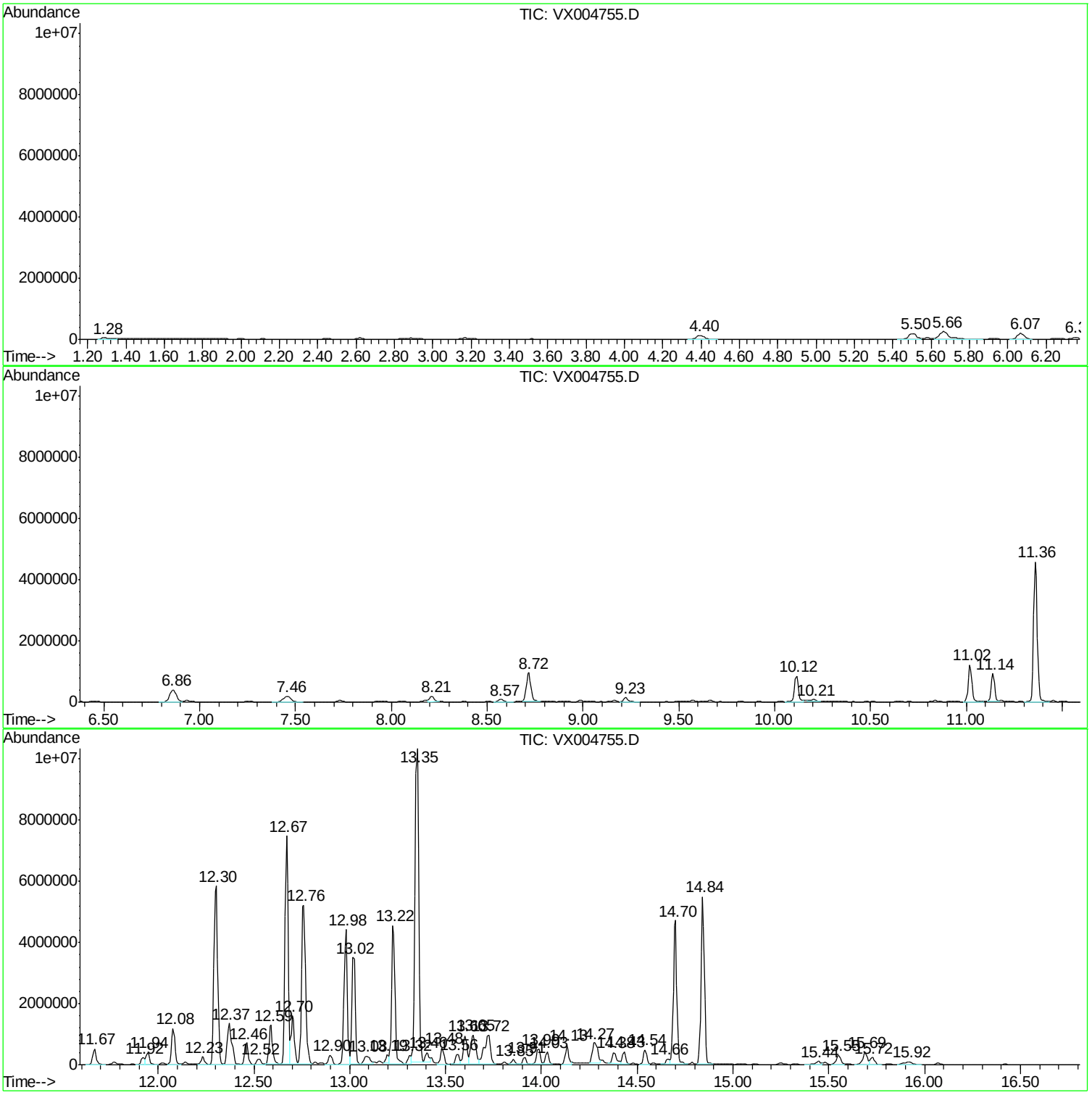
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004755.D
Acq On : 27 Sep 2018 05:58
Operator : JC/MD
Sample : J5020-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-2-9.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004755.D
Acq On : 27 Sep 2018 05:58
Operator : JC/MD
Sample : J5020-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-2-9.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

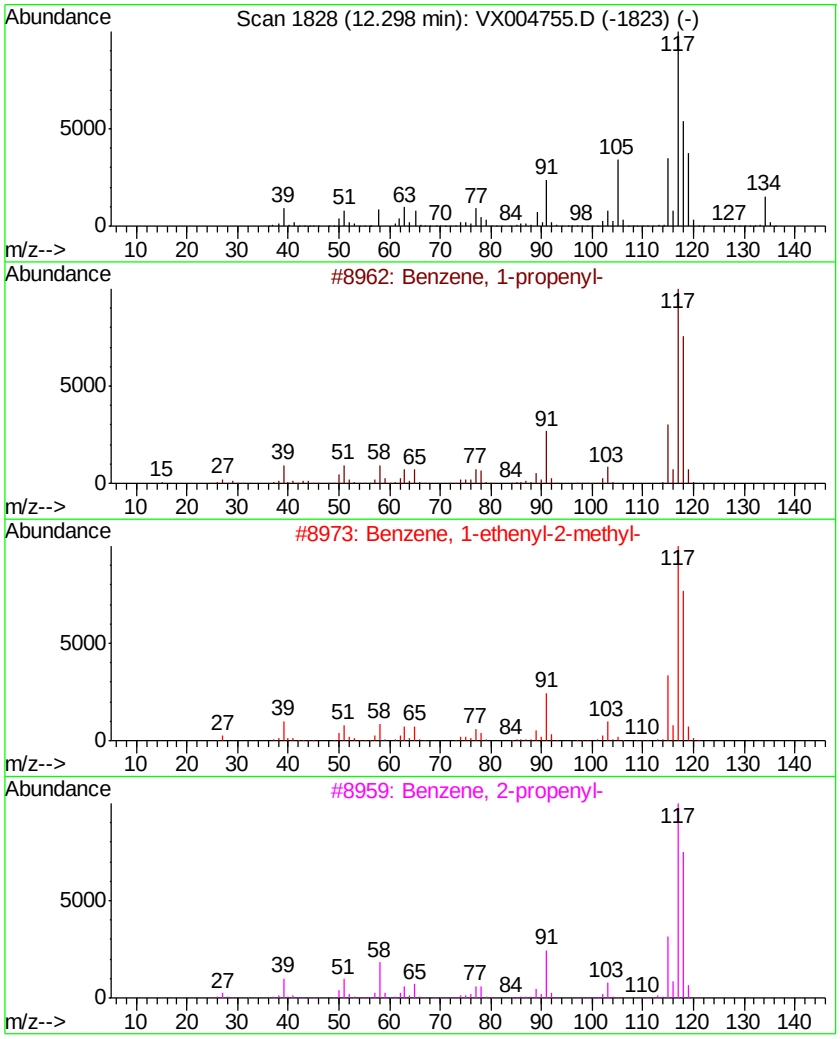
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

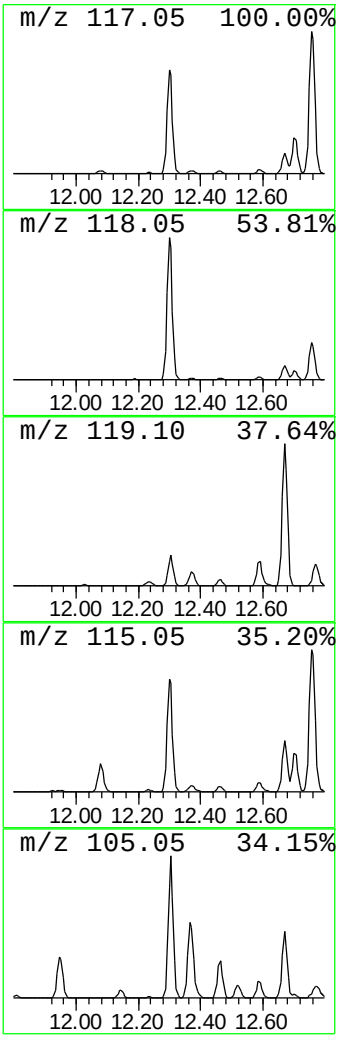
****

Peak Number 1 Benzene, 1-propenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	262.48 ug/l	7630230	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004755.D
Acq On : 27 Sep 2018 05:58
Operator : JC/MD
Sample : J5020-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-2-9.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

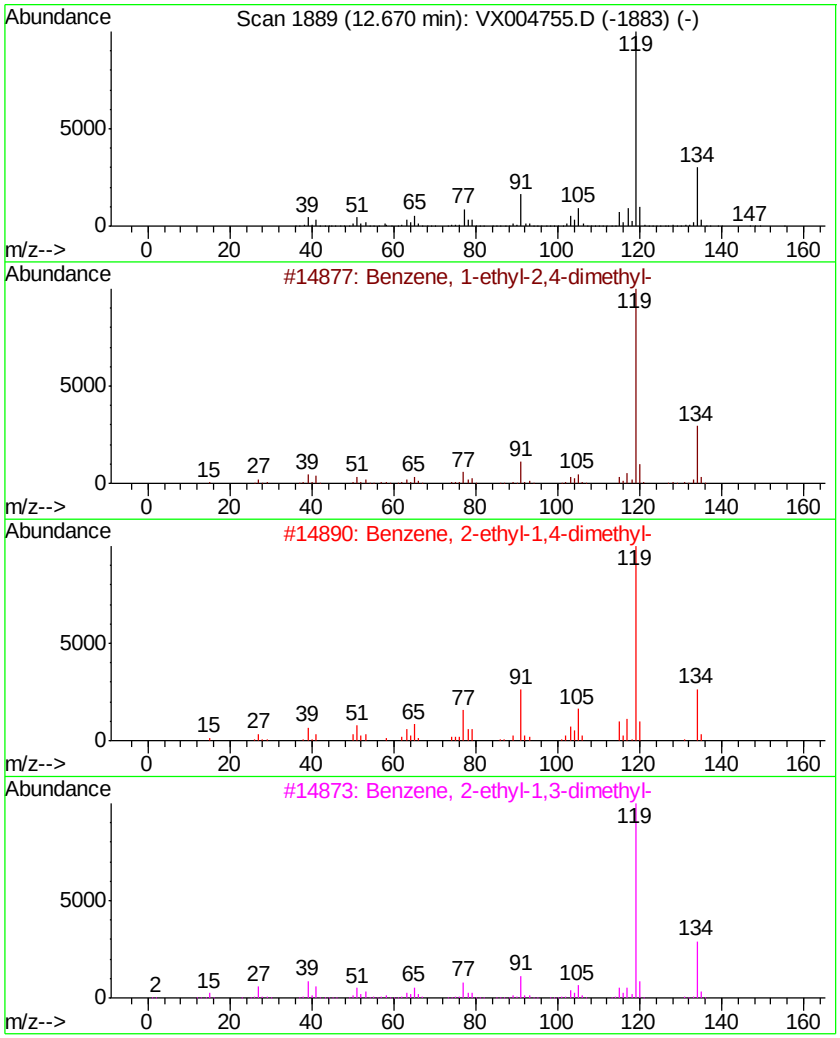
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

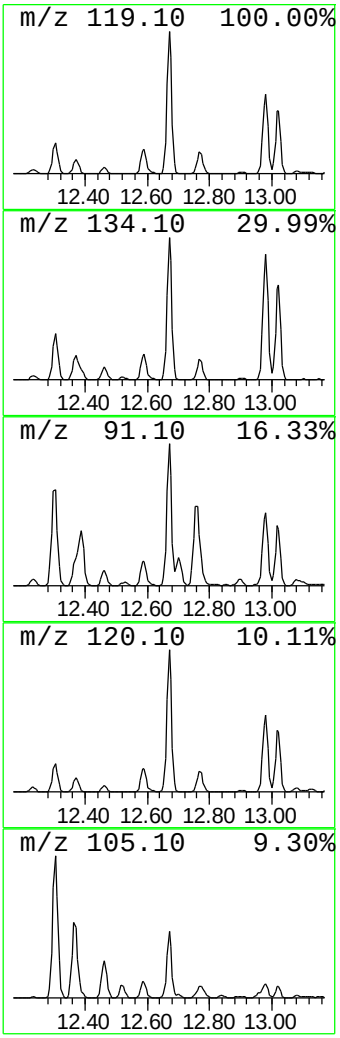
****

Peak Number 2 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	295.31 ug/l	8584540	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004755.D
Acq On : 27 Sep 2018 05:58
Operator : JC/MD
Sample : J5020-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-2-9.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

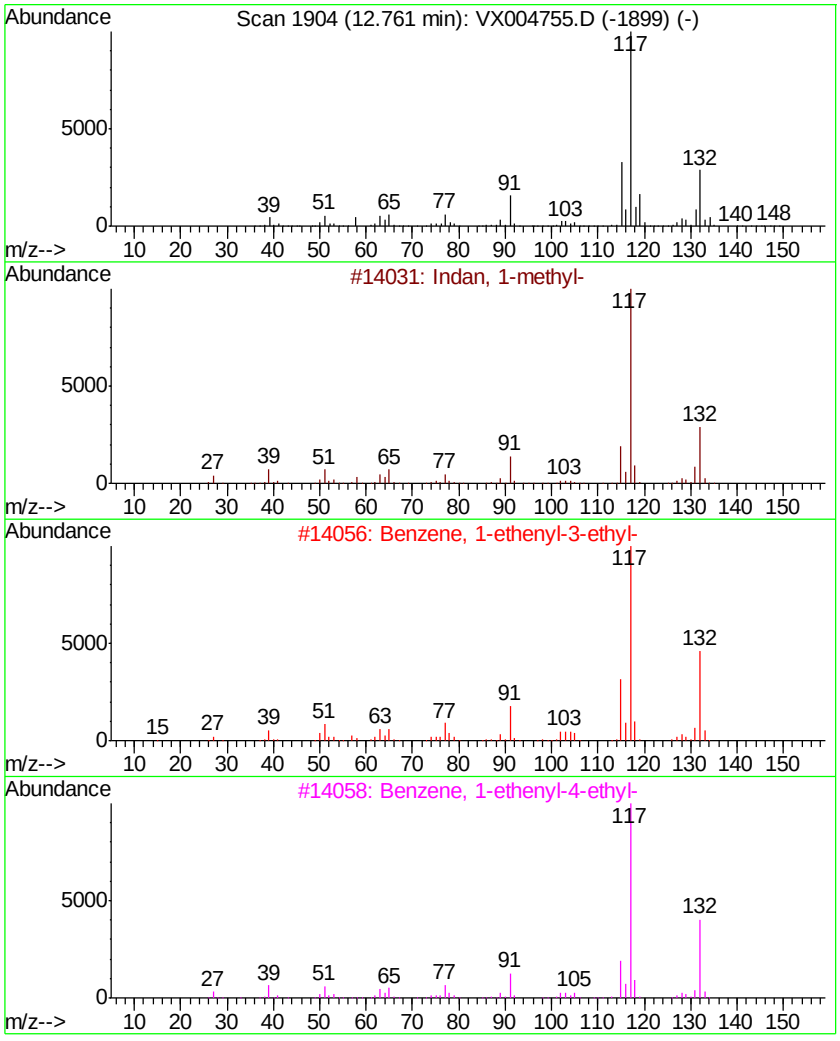
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

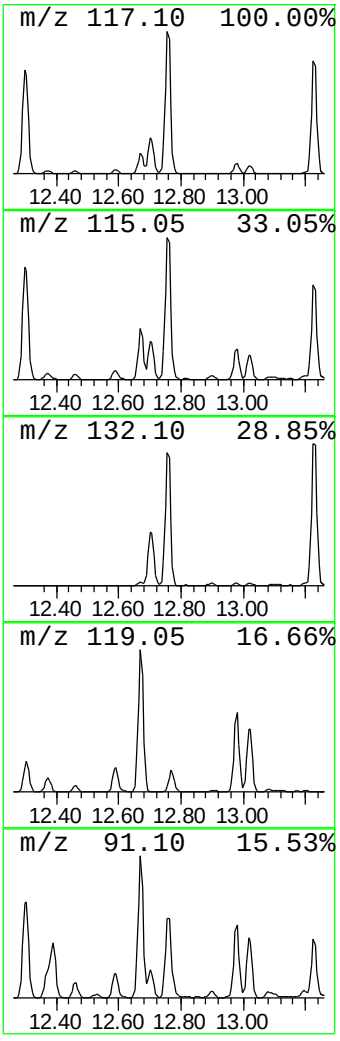
****

Peak Number 3 Indan, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	257.86 ug/l	7496010	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, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004755.D
Acq On : 27 Sep 2018 05:58
Operator : JC/MD
Sample : J5020-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-2-9.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

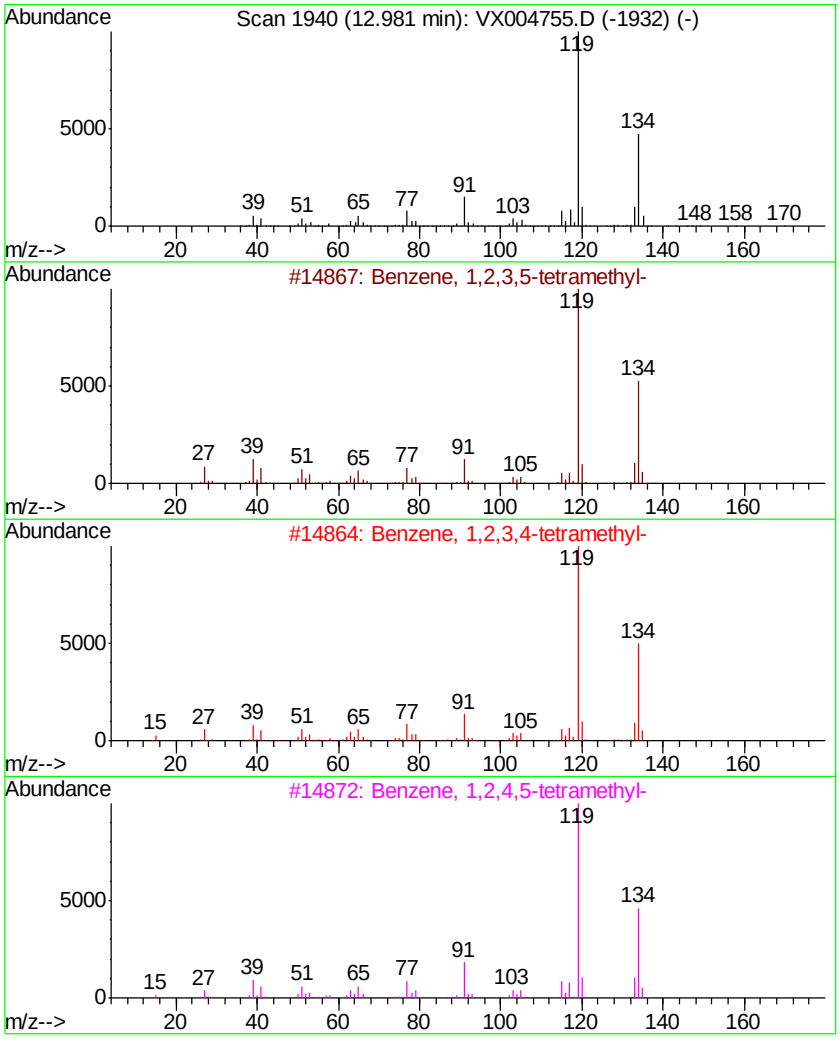
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

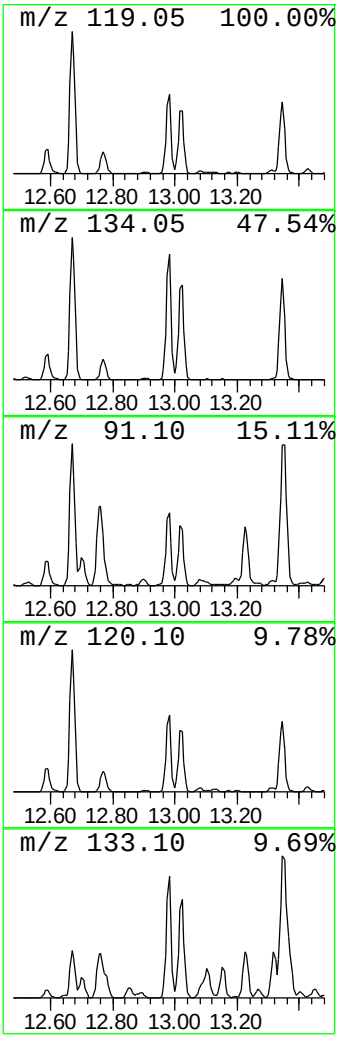
****

Peak Number 4 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	183.11 ug/l	5322840	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004755.D
Acq On : 27 Sep 2018 05:58
Operator : JC/MD
Sample : J5020-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-2-9.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

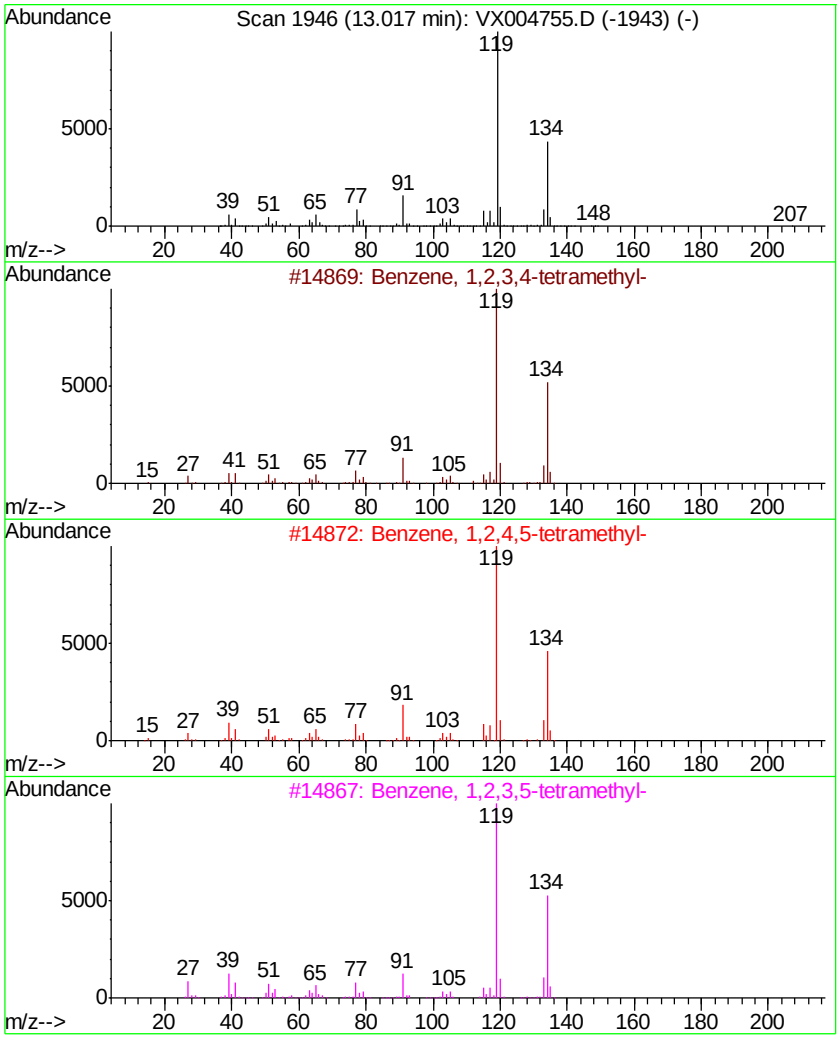
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

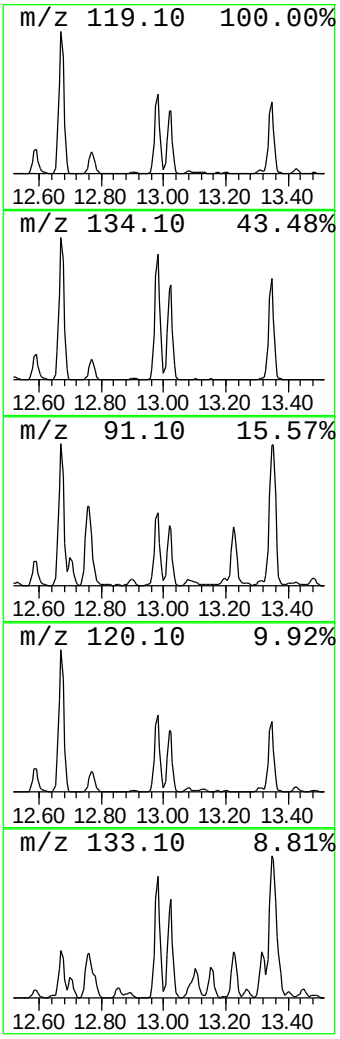
****

Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	147.09 ug/l	4275780	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Data File : VX004755.D
Acq On : 27 Sep 2018 05:58
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ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-2-9.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

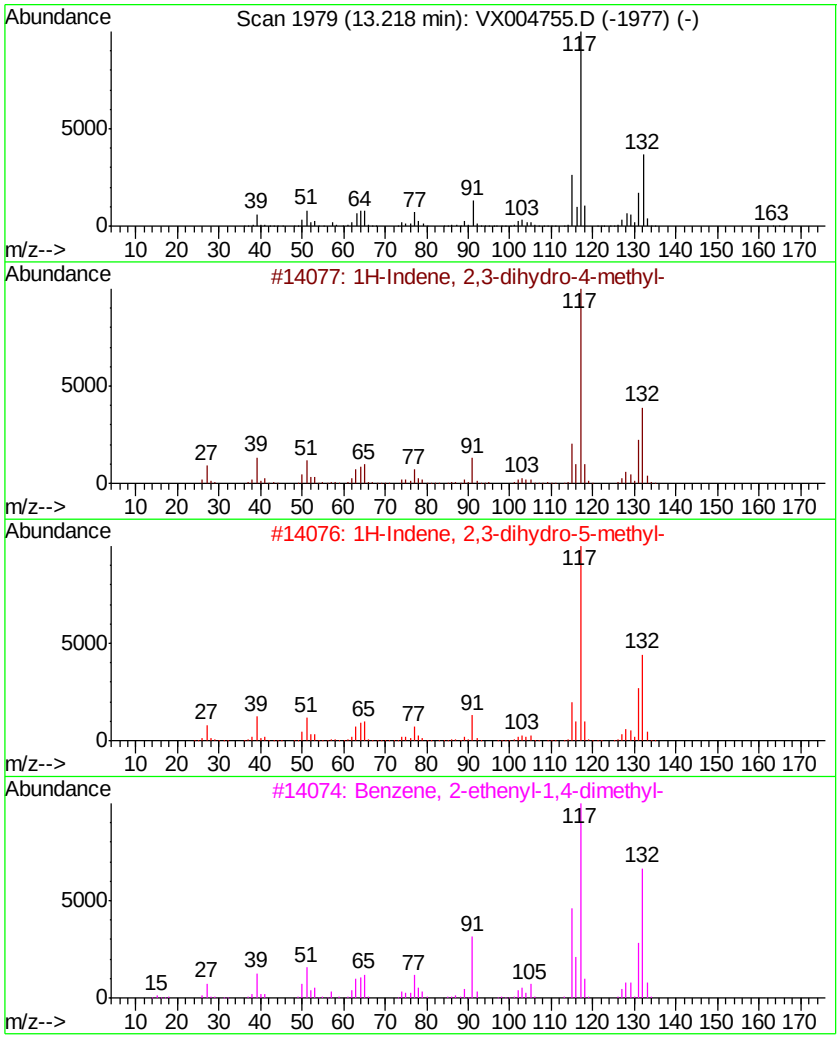
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

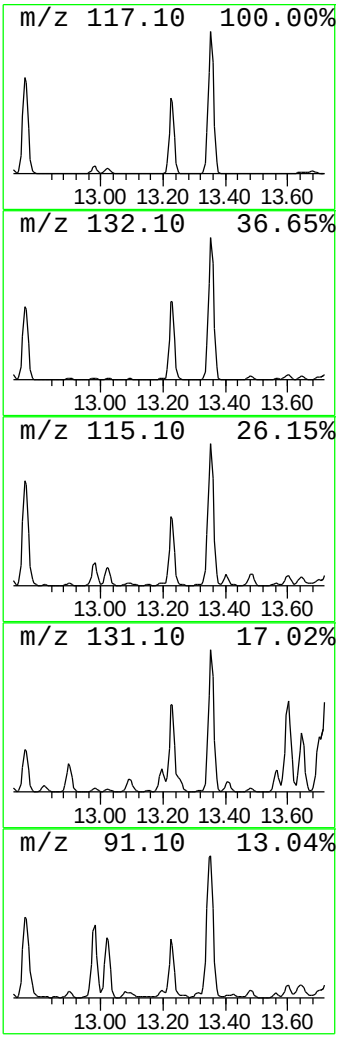
****

Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	191.56 ug/l	5568640	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004755.D
Acq On : 27 Sep 2018 05:58
Operator : JC/MD
Sample : J5020-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-2-9.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

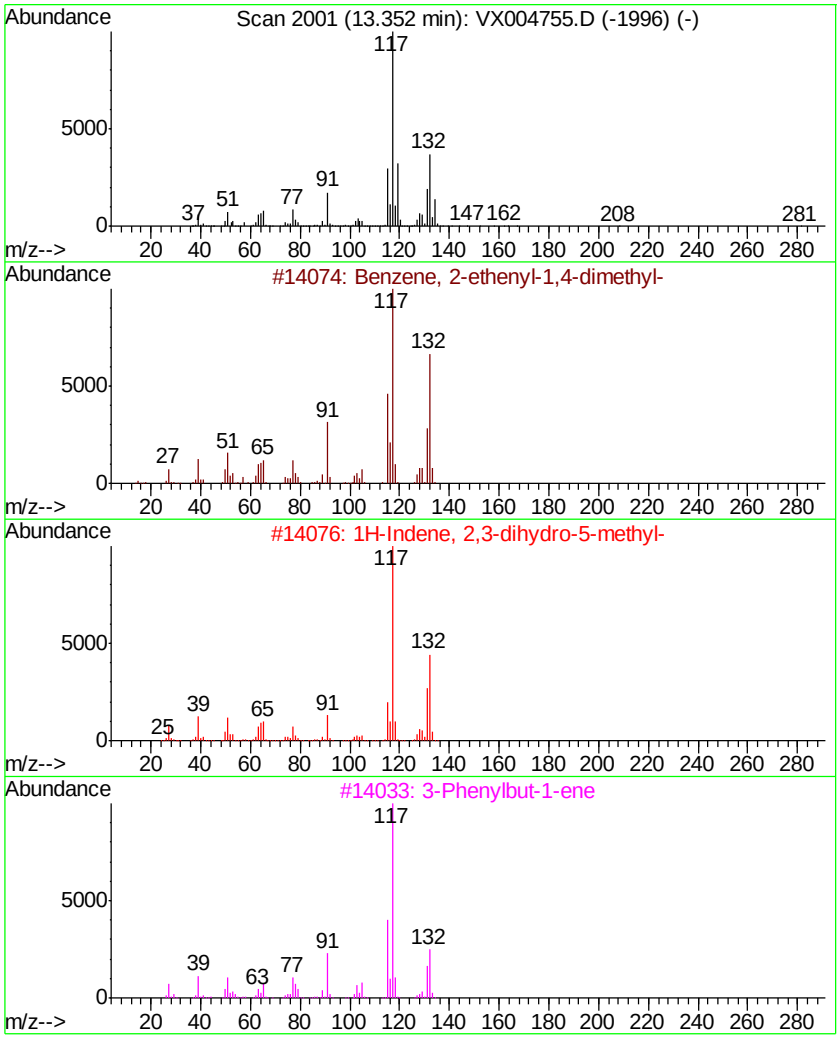
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

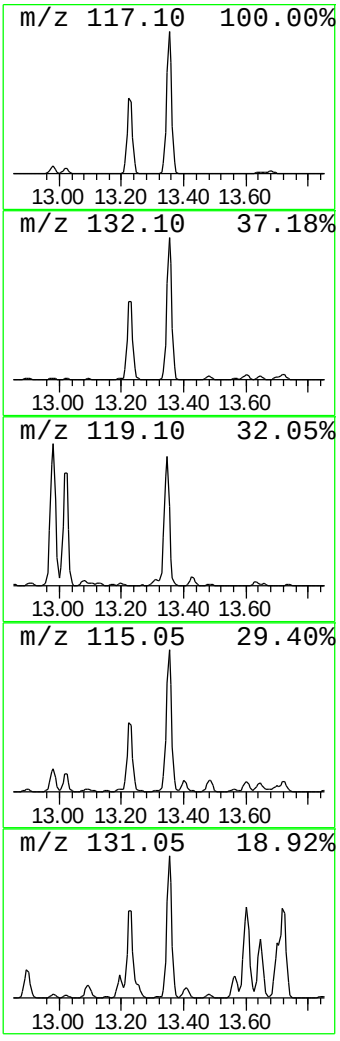
****

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	480.07 ug/l	13955500	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	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004755.D
Acq On : 27 Sep 2018 05:58
Operator : JC/MD
Sample : J5020-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-2-9.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

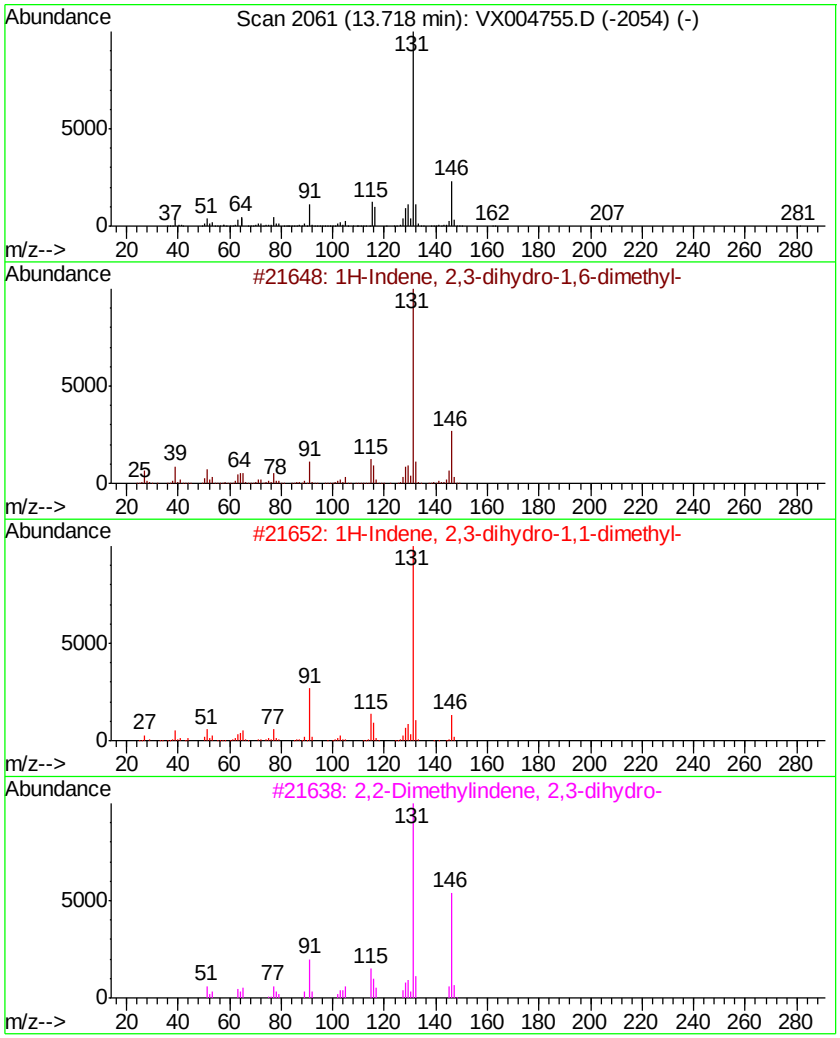
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

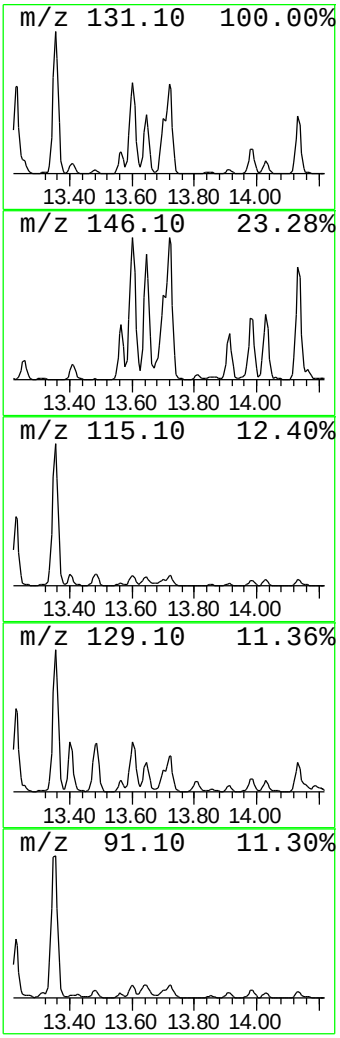
****

Peak Number 8 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	71.41 ug/l	2075870	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004755.D
Acq On : 27 Sep 2018 05:58
Operator : JC/MD
Sample : J5020-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-2-9.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

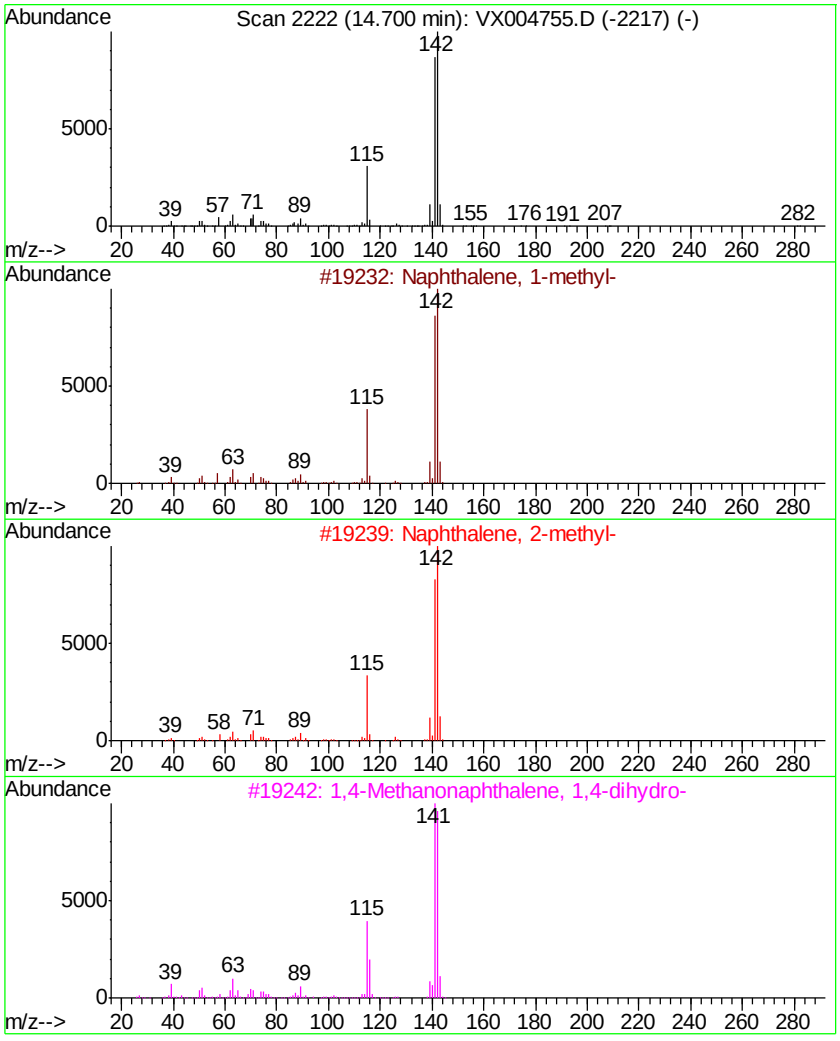
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

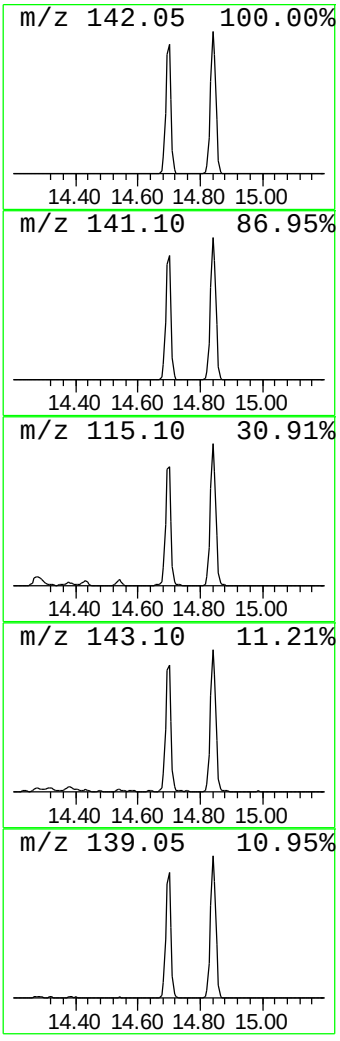
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	206.15 ug/l	5992750	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	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\VX092618\
Data File : VX004755.D
Acq On : 27 Sep 2018 05:58
Operator : JC/MD
Sample : J5020-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-2-9.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.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
Benzene, 1-propenyl-	12.30	262.5	ug/l	7630230	4	12.08	1453480	50.0
Benzene, 1-ethyl-...	12.67	295.3	ug/l	8584540	4	12.08	1453480	50.0
Indan, 1-methyl-	12.76	257.9	ug/l	7496010	4	12.08	1453480	50.0
Benzene, 1,2,3,5-...	12.98	183.1	ug/l	5322840	4	12.08	1453480	50.0
Benzene, 1,2,3,4-...	13.02	147.1	ug/l	4275780	4	12.08	1453480	50.0
1H-Indene, 2,3-di...	13.22	191.6	ug/l	5568640	4	12.08	1453480	50.0
Benzene, 2-etheny...	13.35	480.1	ug/l	13955500	4	12.08	1453480	50.0
1H-Indene, 2,3-di...	13.72	71.4	ug/l	2075870	4	12.08	1453480	50.0
Naphthalene, 1-me...	14.70	206.2	ug/l	5992750	4	12.08	1453480	50.0