LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004753.D
Acq On : 27 Sep 2018 05:05
Operator : JC/MD
Sample : J5020-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-091918-01

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	4.397	522	532	545	rVB2	123224	361790	2.68%	0.349%
2	5.500	697	713	721	rBV2	202923	577580	4.28%	0.557%
3	5.665	732	740	765	rVB	276105	895615	6.64%	0.864%
4	6.067	796	806	815	rBV2	202750	520251	3.86%	0.502%
5	6.348	845	852	861	rVV5	56916	164944	1.22%	0.159%
6	6.860	926	936	944	rBV	387754	947672	7.03%	0.914%
7	7.457	1022	1034	1047	rBV3	187465	552473	4.10%	0.533%
8	8.213	1154	1158	1164	rVB	166836	281979	2.09%	0.272%
9	8.713	1235	1240	1249	rBV	872121	1407057	10.43%	1.357%
10	9.219	1319	1323	1335	rVB	128335	227305	1.69%	0.219%
11	10.115	1460	1470	1476	rBV	803820	1178305	8.73%	1.136%
12	10.207	1479	1485	1489	rVB3	61611	142673	1.06%	0.138%
13	11.018	1613	1618	1630	rBV	1151562	1544968	11.45%	1.490%
14	11.140	1633	1638	1643	rBV	847072	1054051	7.81%	1.016%
15	11.359	1665	1674	1685	rBV	4426423	5620181	41.66%	5.420%
16	11.670	1719	1725	1734	rBV	491465	636440	4.72%	0.614%
17	11.920	1761	1766	1768	rBV	212468	286764	2.13%	0.277%
18	11.944	1768	1770	1777	rVB	375435	457102	3.39%	0.441%
19	12.078	1787	1792	1799	rBV	1076499	1340871	9.94%	1.293%
20	12.231	1813	1817	1822	rVB	235102	297131	2.20%	0.287%
21	12.304	1823	1829	1835	rBV	5704979	7375566	54.68%	7.113%
22	12.371	1835	1840	1850	rVB2	1292721	2143281	15.89%	2.067%
23	12.462	1850	1855	1860	rBV	678179	820702	6.08%	0.791%
24	12.523	1860	1865	1871	rBV3	169101	270327	2.00%	0.261%
25	12.590	1871	1876	1883	rBV	1223074	1602202	11.88%	1.545%
26	12.670	1884	1889	1892	rBV	7226840	8241694	61.10%	7.948%
27	12.700	1892	1894	1899	rVV	1449907	1767736	13.10%	1.705%
28	12.755	1899	1903	1911	rVB2	5053374	7189581	53.30%	6.933%
29	12.901	1922	1927	1932	rVB2	301913	441931	3.28%	0.426%
30	12.981	1932	1940	1943	rBV	4363504	5111849	37.89%	4.930%
31	13.017	1943	1946	1952	rVB	3408768	4121739	30.55%	3.975%
32	13.084	1952	1957	1963	rBV4	255591	577492	4.28%	0.557%
33	13.194	1972	1975	1977	rBV2	239437	304869	2.26%	0.294%
34	13.224	1977	1980	1990	rVB	4184108	5350035	39.66%	5.159%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004753.D
Acq On : 27 Sep 2018 05:05
Operator : JC/MD
Sample : J5020-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-091918-01

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	13.316	1990	1995	1996	rBV2	267047	369832	2.74%	0.357%
36	13.353	1996	2001	2006	rVB2	9620863	13489747	100.00%	13.009%
37	13.401	2006	2009	2012	rBV2	284928	362465	2.69%	0.350%
38	13.481	2018	2022	2028	rVB	525295	670850	4.97%	0.647%
39	13.566	2030	2036	2038	rBV2	312773	445417	3.30%	0.430%
40	13.602	2038	2042	2045	rVV	878432	1245429	9.23%	1.201%
41	13.645	2045	2049	2054	rVV2	915268	1715350	12.72%	1.654%
42	13.724	2054	2062	2068	rVB2	881143	1985391	14.72%	1.915%
43	13.852	2079	2083	2088	rVB2	149717	193543	1.43%	0.187%
44	13.913	2088	2093	2097	rVB	216839	270404	2.00%	0.261%
45	13.987	2097	2105	2109	rBV2	471370	688869	5.11%	0.664%
46	14.029	2109	2112	2116	rVB	366487	415688	3.08%	0.401%
47	14.133	2124	2129	2133	rBV	598518	745390	5.53%	0.719%
48	14.273	2148	2152	2158	rBV2	655919	1300481	9.64%	1.254%
49	14.377	2165	2169	2175	rBV	337079	531504	3.94%	0.513%
50	14.432	2175	2178	2182	rVB	401444	461113	3.42%	0.445%
51	14.541	2190	2196	2200	rBV2	451052	585694	4.34%	0.565%
52	14.657	2209	2215	2217	rBV	165207	231771	1.72%	0.224%
53	14.700	2217	2222	2232	rVB	4534013	5799382	42.99%	5.593%
54	14.840	2240	2245	2254	rBV	5360781	6578610	48.77%	6.344%
55	15.444	2334	2344	2347	rBV	94385	154905	1.15%	0.149%
56	15.547	2355	2361	2366	rBV	271134	435977	3.23%	0.420%
57	15.687	2375	2384	2388	rBV	386753	652592	4.84%	0.629%
58	15.724	2388	2390	2397	rVB	223681	307635	2.28%	0.297%
59	15.919	2411	2422	2433	rVB	92067	245927	1.82%	0.237%

Sum of corrected areas: 103698122

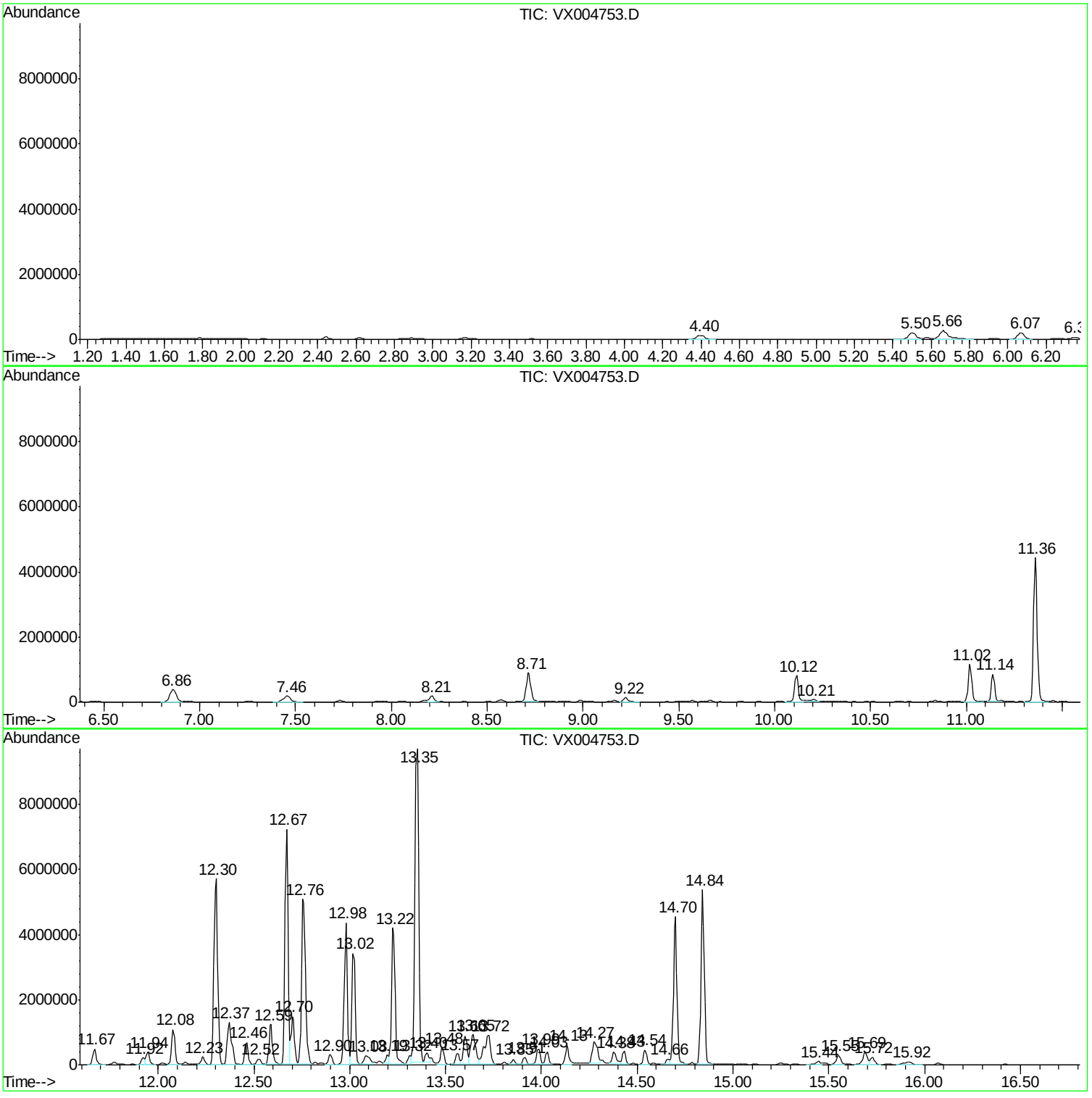
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004753.D
Acq On : 27 Sep 2018 05:05
Operator : JC/MD
Sample : J5020-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-091918-01

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 : VX004753.D
Acq On : 27 Sep 2018 05:05
Operator : JC/MD
Sample : J5020-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-091918-01

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

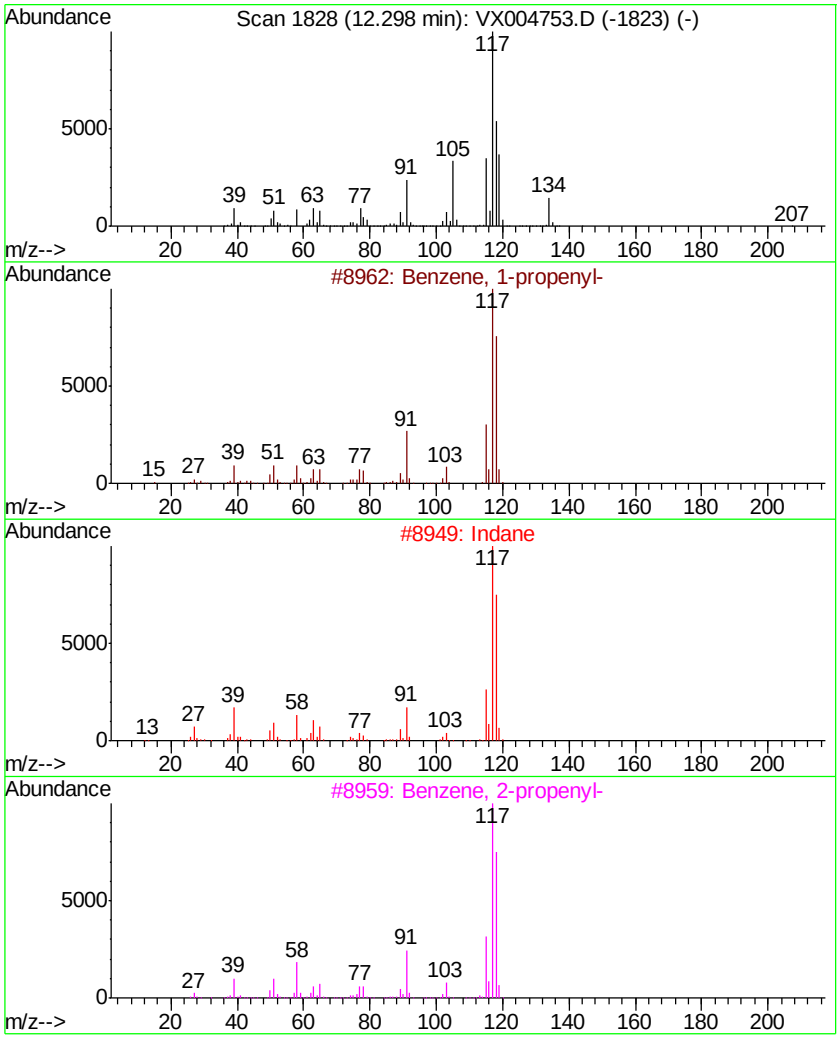
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

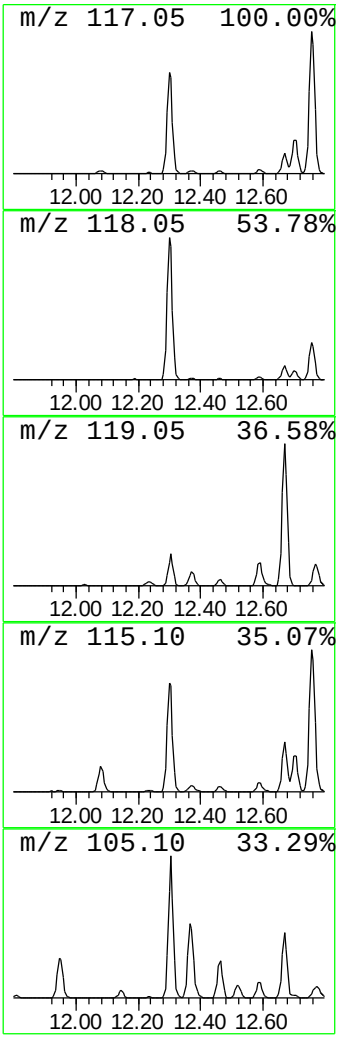
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	275.03 ug/l	7375570	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	Indane	118	C9H10	000496-11-7	60
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004753.D
Acq On : 27 Sep 2018 05:05
Operator : JC/MD
Sample : J5020-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-091918-01

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

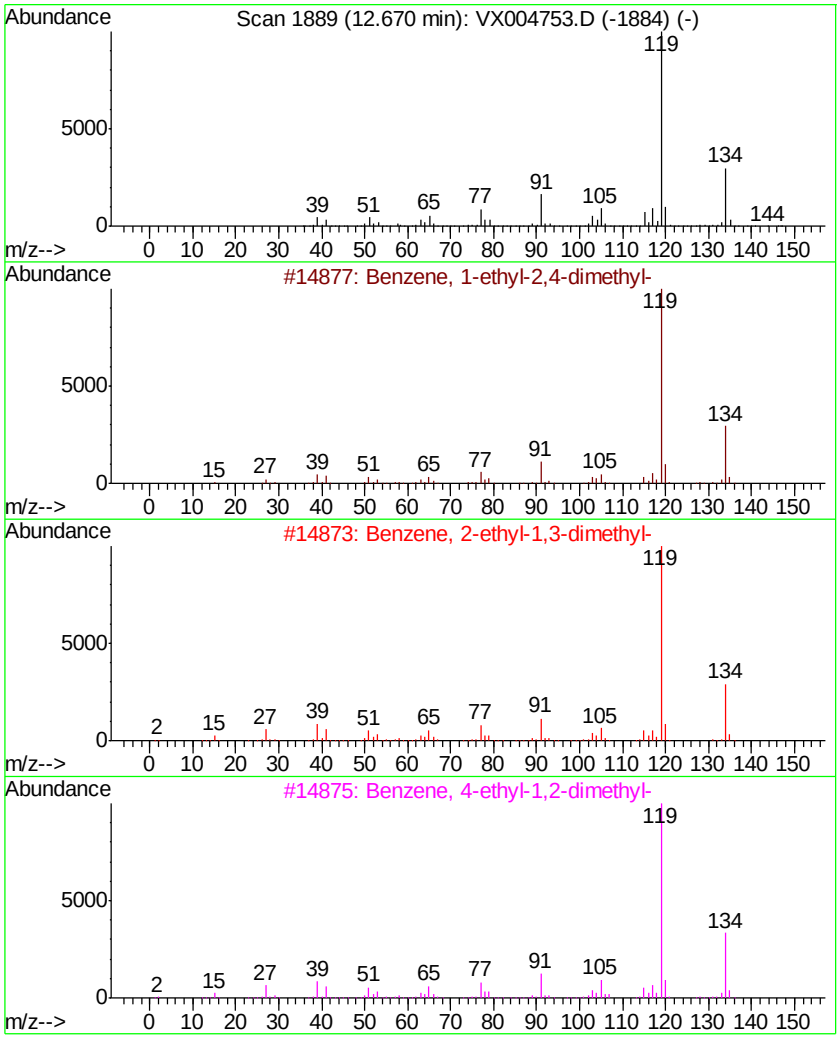
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

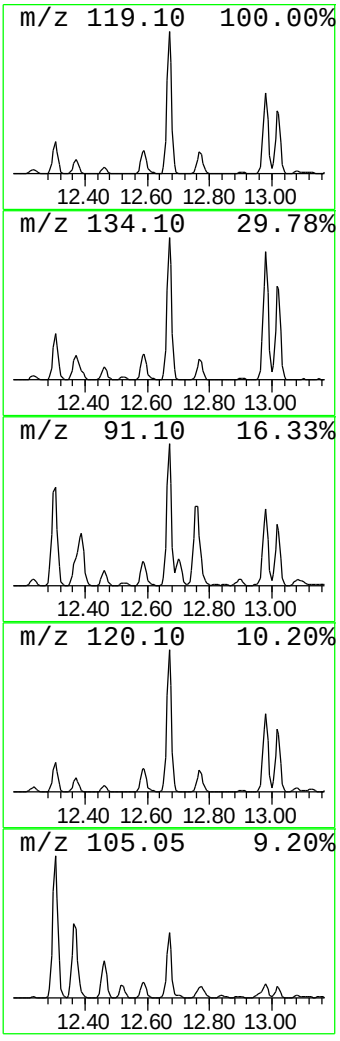
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	307.33 ug/l	8241690	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-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004753.D
Acq On : 27 Sep 2018 05:05
Operator : JC/MD
Sample : J5020-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-091918-01

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

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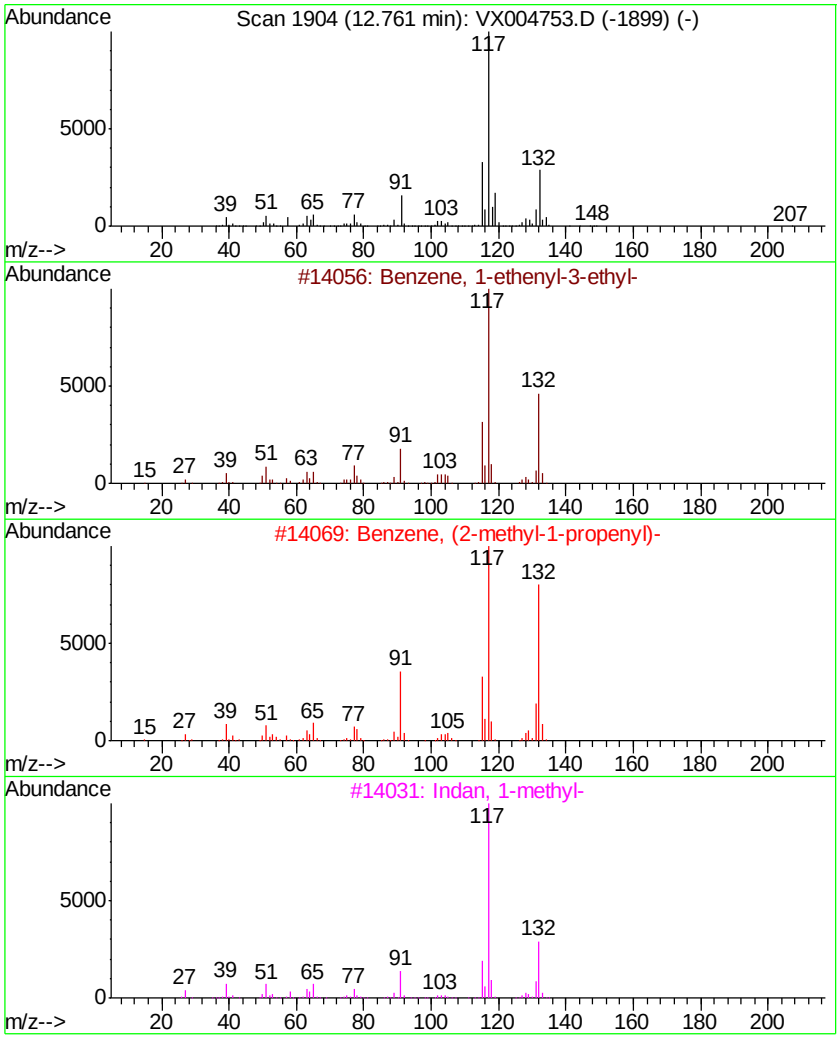
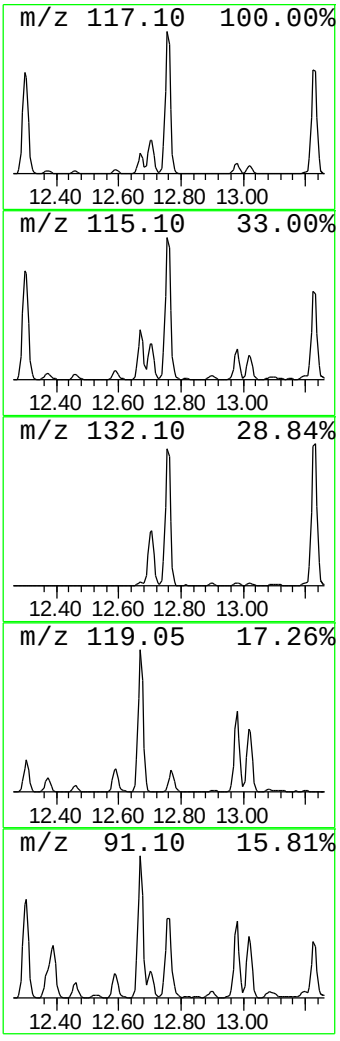
Peak Number 3 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	268.09 ug/l	7189580	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004753.D
Acq On : 27 Sep 2018 05:05
Operator : JC/MD
Sample : J5020-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-091918-01

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

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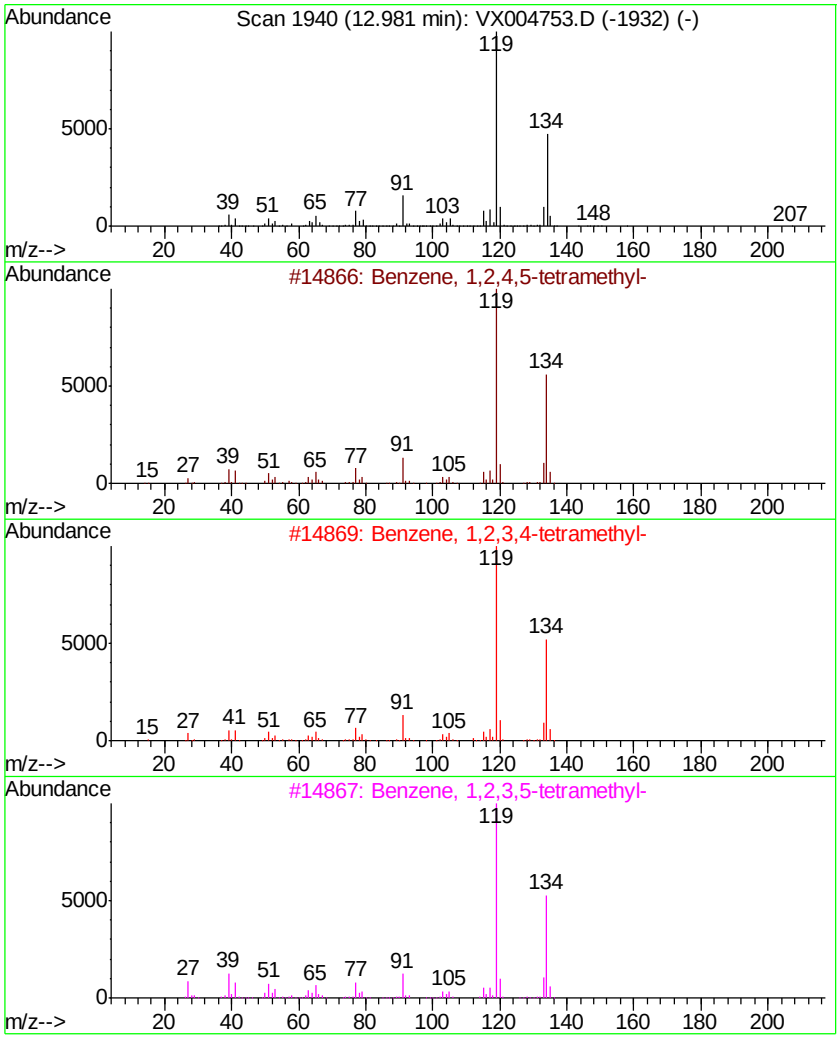
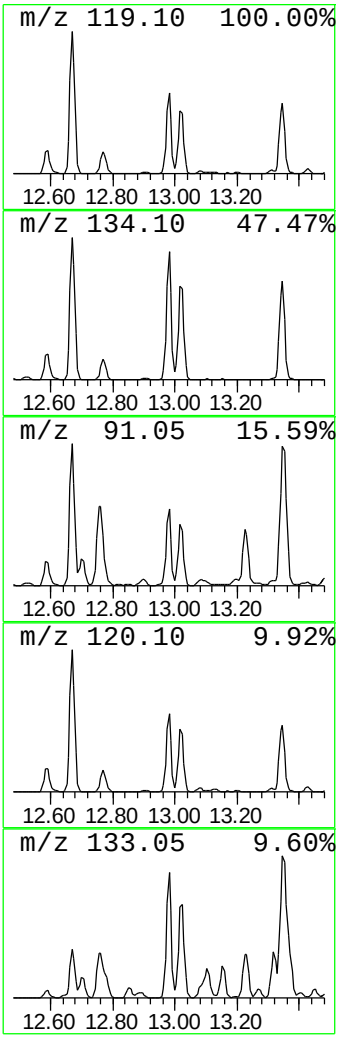
Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	190.62 ug/l	5111850	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	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004753.D
Acq On : 27 Sep 2018 05:05
Operator : JC/MD
Sample : J5020-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-091918-01

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

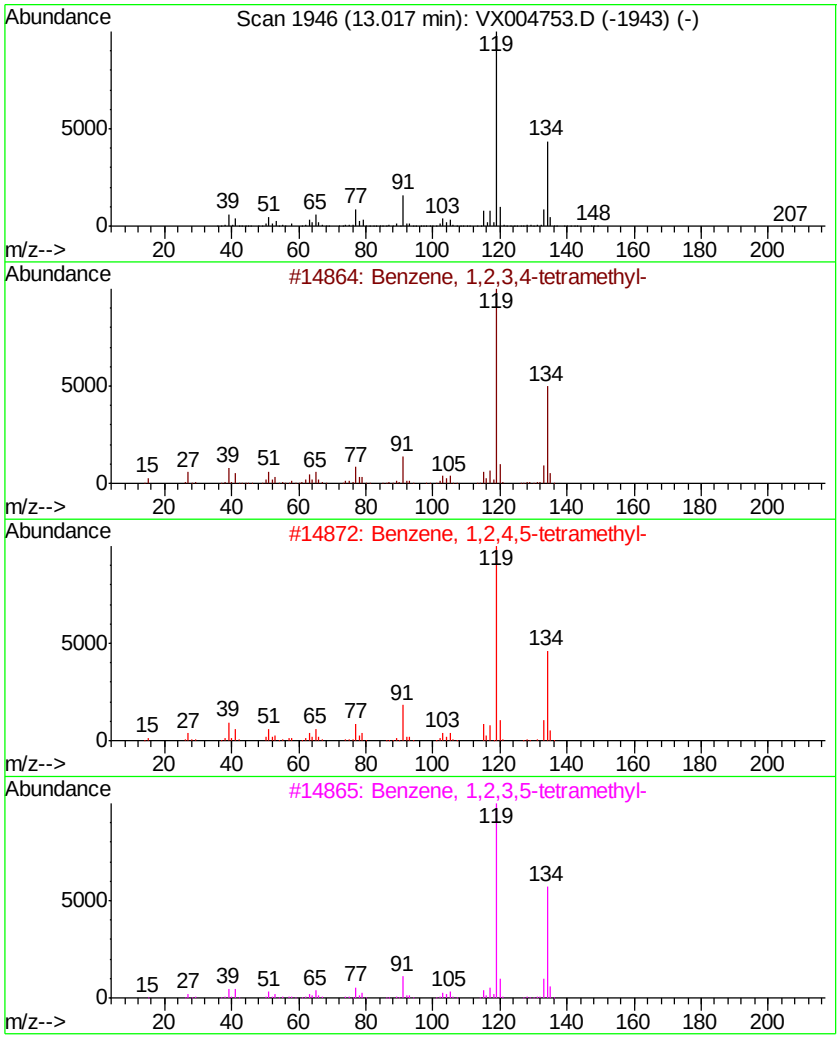
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

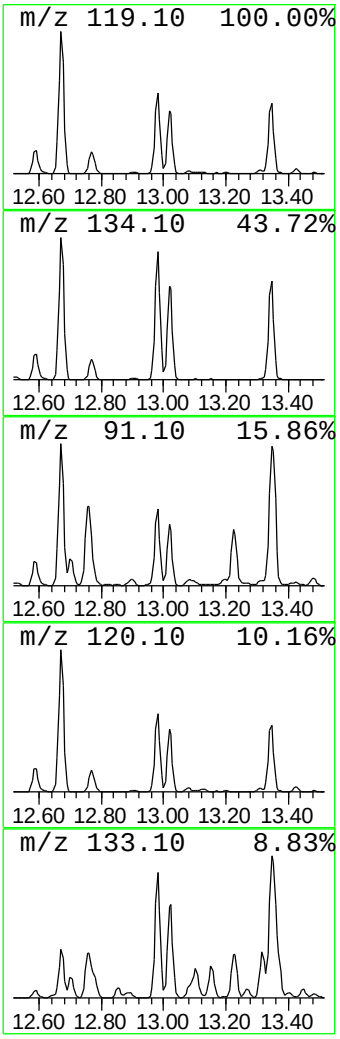
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	153.70 ug/l	4121740	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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004753.D
Acq On : 27 Sep 2018 05:05
Operator : JC/MD
Sample : J5020-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-091918-01

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

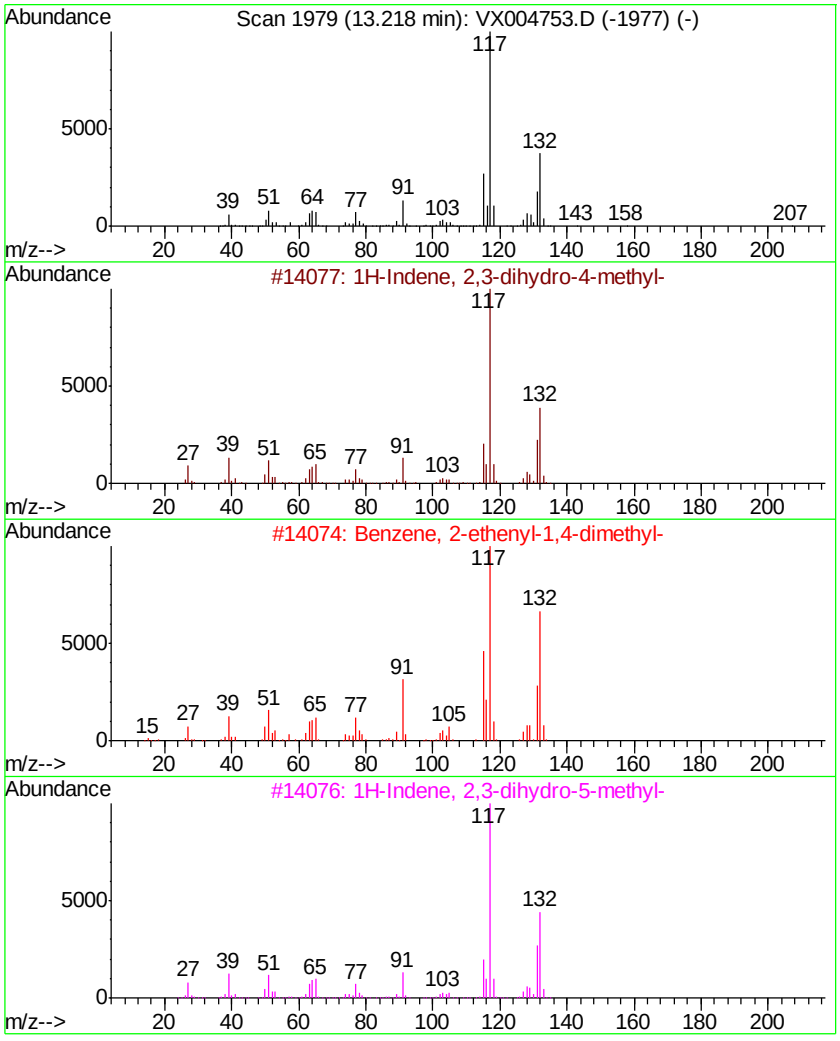
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

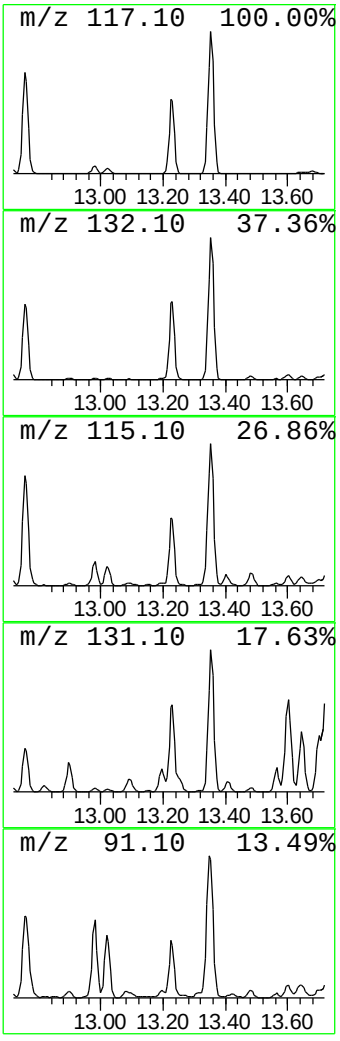
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	199.50 ug/l	5350040	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	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004753.D
Acq On : 27 Sep 2018 05:05
Operator : JC/MD
Sample : J5020-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-091918-01

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

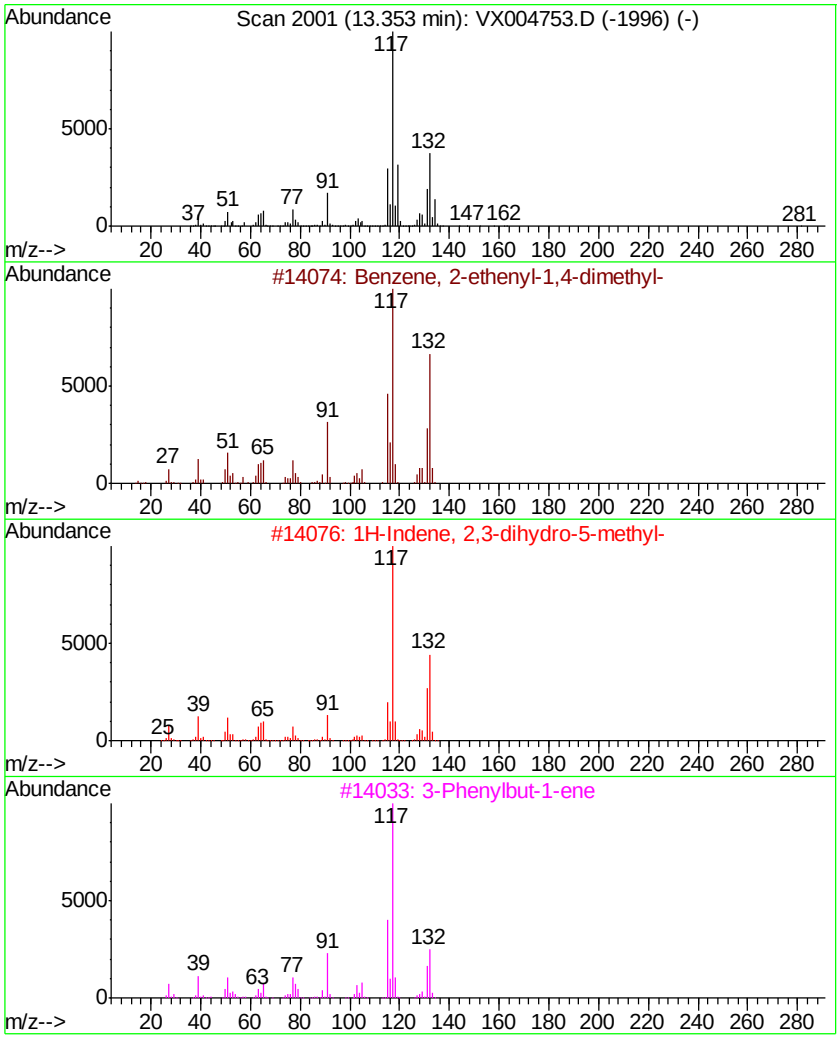
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

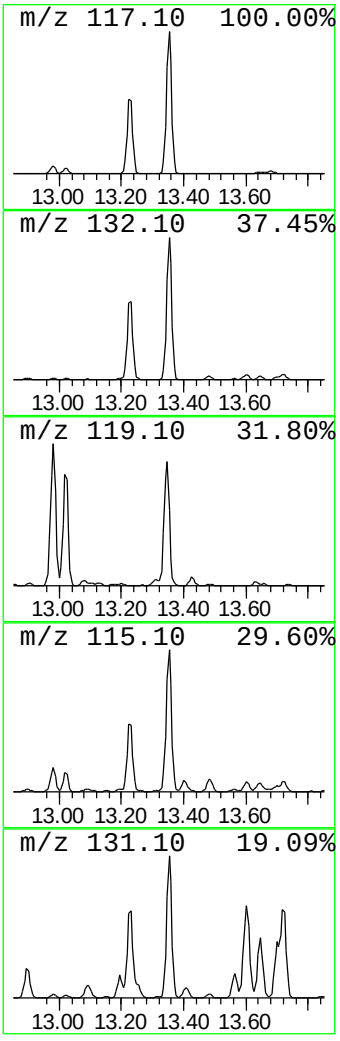
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	503.02 ug/l	13489700	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	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
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, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004753.D
Acq On : 27 Sep 2018 05:05
Operator : JC/MD
Sample : J5020-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-091918-01

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

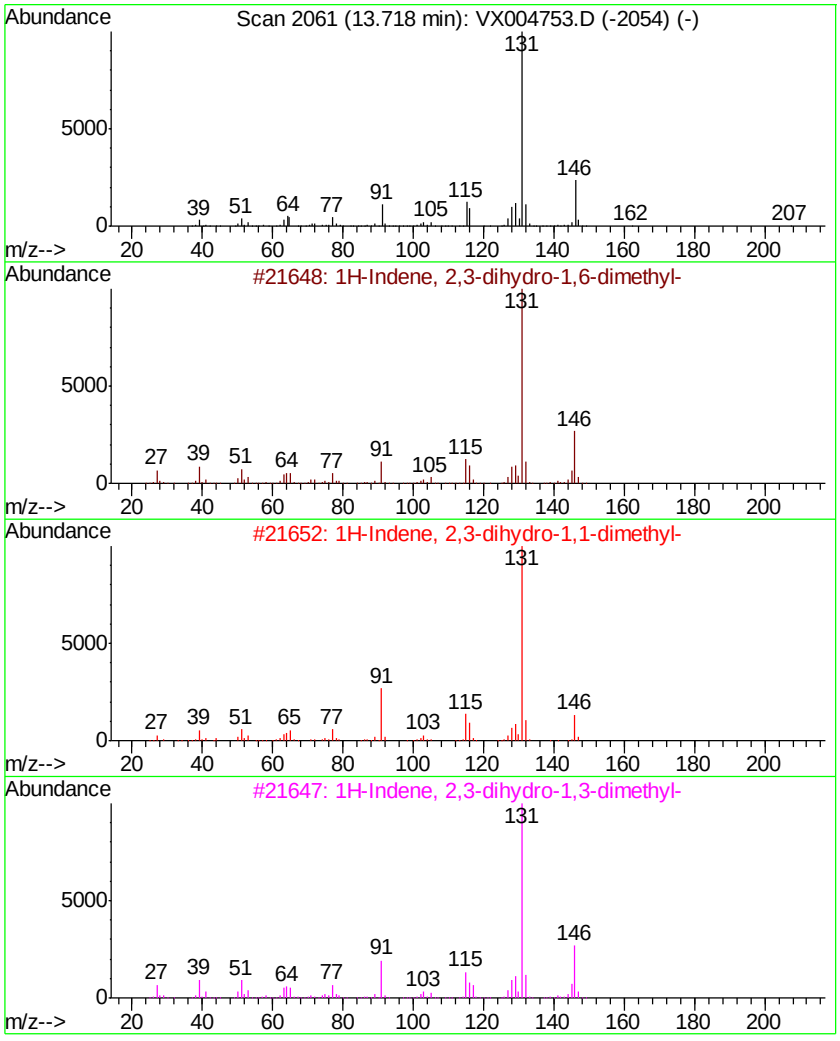
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

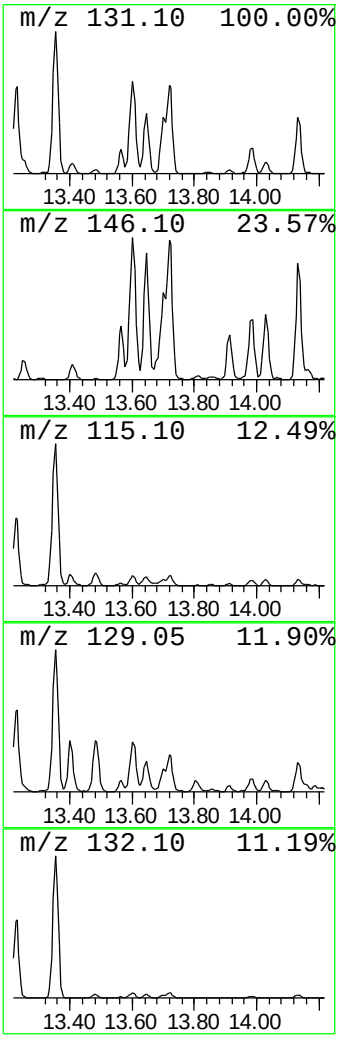
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	74.03 ug/l	1985390	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	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004753.D
Acq On : 27 Sep 2018 05:05
Operator : JC/MD
Sample : J5020-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-091918-01

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

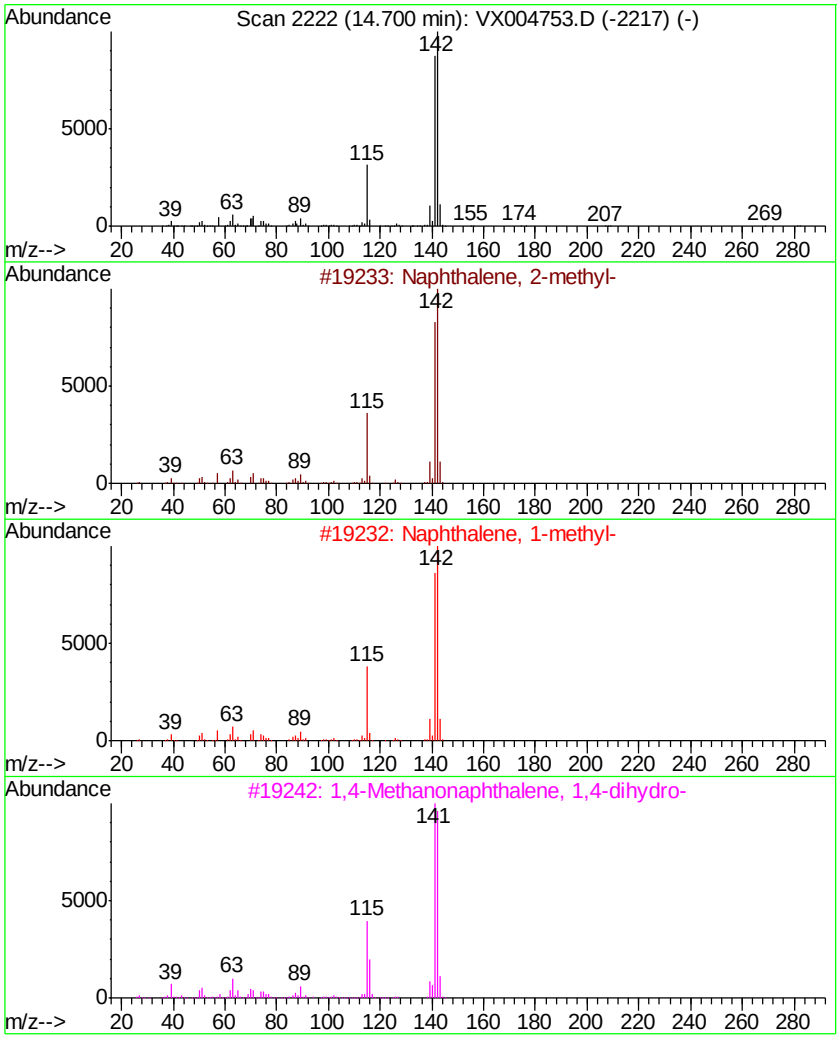
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

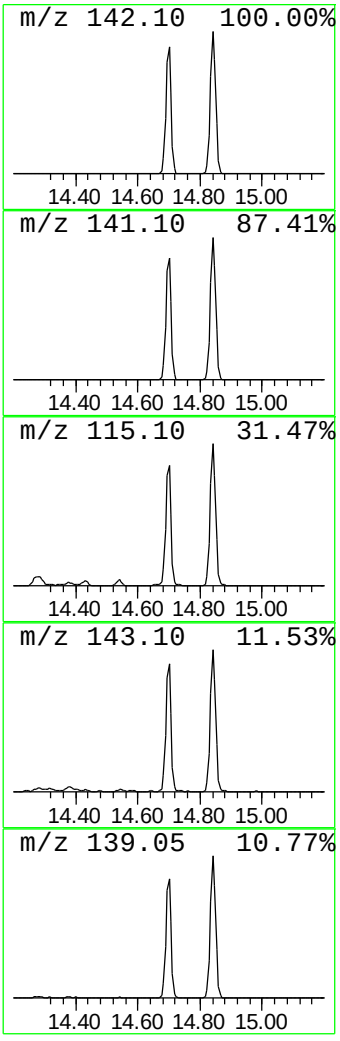
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	216.25 ug/l	5799380	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	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004753.D
Acq On : 27 Sep 2018 05:05
Operator : JC/MD
Sample : J5020-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-091918-01

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	275.0	ug/l	7375570	4	12.08	1340870	50.0
Benzene, 1-ethyl-...	12.67	307.3	ug/l	8241690	4	12.08	1340870	50.0
Benzene, 1-etheny...	12.76	268.1	ug/l	7189580	4	12.08	1340870	50.0
Benzene, 1,2,4,5-...	12.98	190.6	ug/l	5111850	4	12.08	1340870	50.0
Benzene, 1,2,3,4-...	13.02	153.7	ug/l	4121740	4	12.08	1340870	50.0
1H-Indene, 2,3-di...	13.22	199.5	ug/l	5350040	4	12.08	1340870	50.0
Benzene, 2-etheny...	13.35	503.0	ug/l	13489700	4	12.08	1340870	50.0
1H-Indene, 2,3-di...	13.72	74.0	ug/l	1985390	4	12.08	1340870	50.0
Naphthalene, 1-me...	14.70	216.3	ug/l	5799380	4	12.08	1340870	50.0