LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015893.D
Acq On : 23 Apr 2020 16:16
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

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\82X042220W.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	1.064	24	29	58	rBV	18161964	50947868	65.07%	10.052%
2	3.161	363	373	384	rBV3	946838	2443946	3.12%	0.482%
3	4.374	565	572	585	rVB	294885	828903	1.06%	0.164%
4	5.472	741	752	758	rBV2	464199	1341192	1.71%	0.265%
5	5.557	758	766	772	rVV2	542235	1749410	2.23%	0.345%
6	5.630	772	778	783	rVV	807770	2269829	2.90%	0.448%
7	5.703	783	790	807	rVB	1182513	3783627	4.83%	0.747%
8	5.905	812	823	835	rVV4	449857	1523648	1.95%	0.301%
9	6.039	836	845	852	rVV	477378	1263806	1.61%	0.249%
10	6.118	852	858	866	rVV	339285	895591	1.14%	0.177%
11	6.234	869	877	883	rVV2	729916	2235594	2.86%	0.441%
12	6.325	884	892	902	rVV2	2565284	7910811	10.10%	1.561%
13	6.429	902	909	922	rVB2	651164	1829004	2.34%	0.361%
14	6.831	966	975	986	rBV2	1242543	3662325	4.68%	0.723%
15	7.240	1032	1042	1049	rBV	672543	1496299	1.91%	0.295%
16	7.435	1060	1074	1087	rBV3	1788016	5219772	6.67%	1.030%
17	7.618	1099	1104	1109	rBV	512537	980030	1.25%	0.193%
18	8.038	1163	1173	1184	rVB	2104111	4659419	5.95%	0.919%
19	8.160	1184	1193	1202	rBV2	2370260	5964922	7.62%	1.177%
20	8.239	1202	1206	1217	rVV3	678993	1508668	1.93%	0.298%
21	8.361	1220	1226	1233	rVB3	385950	802272	1.02%	0.158%
22	8.557	1253	1258	1266	rVB3	929041	1759750	2.25%	0.347%
23	8.654	1266	1274	1277	rBV3	1056708	2125087	2.71%	0.419%
24	8.697	1277	1281	1289	rVB	2791513	4487810	5.73%	0.885%
25	9.026	1330	1335	1340	rVB	552542	874592	1.12%	0.173%
26	9.148	1347	1355	1360	rBV2	848978	1509923	1.93%	0.298%
27	9.209	1360	1365	1369	rBV	1623933	2413766	3.08%	0.476%
28	9.550	1416	1421	1426	rVB4	507416	1069551	1.37%	0.211%
29	10.099	1506	1511	1515	rVB	2842124	3550773	4.53%	0.701%
30	10.172	1515	1523	1526	rBV	586212	1045839	1.34%	0.206%
31	11.007	1654	1660	1667	rBV	31288684	42323479	54.05%	8.351%
32	11.123	1675	1679	1684	rBV	2505264	3010388	3.84%	0.594%
33	11.349	1710	1716	1725	rVB	31884252	43424866	55.46%	8.568%
34	11.654	1761	1766	1774	rVB	2369774	2993757	3.82%	0.591%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015893.D
Acq On : 23 Apr 2020 16:16
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

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\82X042220W.M
Title : SW846 8260

35	11.903	1802	1807	1809	rBV	2476607	3115598	3.98%	0.615%
36	11.934	1809	1812	1818	rVB	3220274	3994039	5.10%	0.788%
37	12.062	1828	1833	1838	rBV	3294164	4248928	5.43%	0.838%
38	12.220	1854	1859	1864	rVB	2251816	2746384	3.51%	0.542%
39	12.288	1864	1870	1875	rBV	60294883	78301188	100.00%	15.450%
40	12.355	1875	1881	1888	rVB2	3920715	6156329	7.86%	1.215%
41	12.446	1891	1896	1901	rVB	3141123	3715390	4.74%	0.733%
42	12.653	1925	1930	1933	rBV	16408181	19961124	25.49%	3.939%
43	12.690	1933	1936	1940	rVV	6400993	7750896	9.90%	1.529%
44	12.745	1940	1945	1952	rVB2	18435710	26912023	34.37%	5.310%
45	12.879	1962	1967	1972	rVB	670029	950011	1.21%	0.187%
46	12.964	1972	1981	1986	rBV	18696659	22841434	29.17%	4.507%
47	13.068	1993	1998	2006	rBV2	1508141	2252742	2.88%	0.444%
48	13.153	2006	2012	2014	rVV2	560865	905534	1.16%	0.179%
49	13.178	2014	2016	2018	rVV2	1150211	1417418	1.81%	0.280%
50	13.208	2018	2021	2030	rVV	13810525	17483617	22.33%	3.450%
51	13.336	2037	2042	2047	rVV2	31541417	41695427	53.25%	8.227%
52	13.385	2047	2050	2059	rVV3	2132362	3504982	4.48%	0.692%
53	13.464	2059	2063	2069	rVB	2895655	3561576	4.55%	0.703%
54	13.543	2071	2076	2079	rBV2	1162293	1667353	2.13%	0.329%
55	13.586	2079	2083	2086	rVV	3122058	4461241	5.70%	0.880%
56	13.623	2086	2089	2094	rVV3	4463838	6546377	8.36%	1.292%
57	13.702	2094	2102	2109	rVB2	3699010	7686949	9.82%	1.517%
58	13.964	2138	2145	2149	rBV2	1410409	1998843	2.55%	0.394%
59	14.013	2149	2153	2157	rVB	1286617	1512350	1.93%	0.298%
60	14.117	2165	2170	2176	rBV	2440462	2853073	3.64%	0.563%
61	14.257	2189	2193	2198	rBV	1936171	2937752	3.75%	0.580%
62	14.360	2206	2210	2216	rBV2	1676842	2384653	3.05%	0.471%
63	14.415	2216	2219	2223	rVB	1438591	1655389	2.11%	0.327%
64	14.677	2258	2262	2267	rVB	2627375	3125337	3.99%	0.617%
65	14.824	2280	2286	2296	rBV	3493464	4569090	5.84%	0.902%

Sum of corrected areas: 506819564

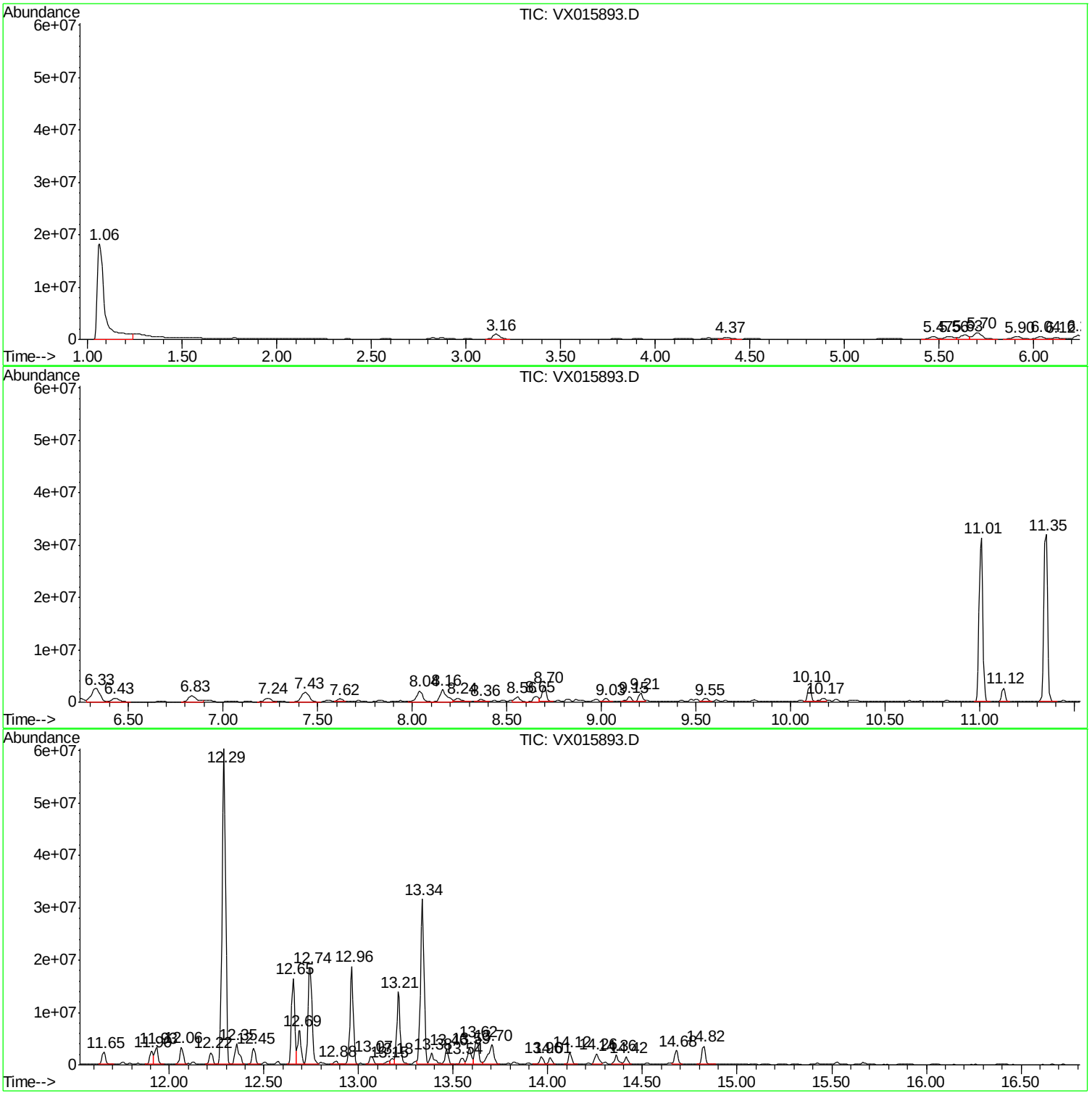
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015893.D
Acq On : 23 Apr 2020 16:16
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015893.D
Acq On : 23 Apr 2020 16:16
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

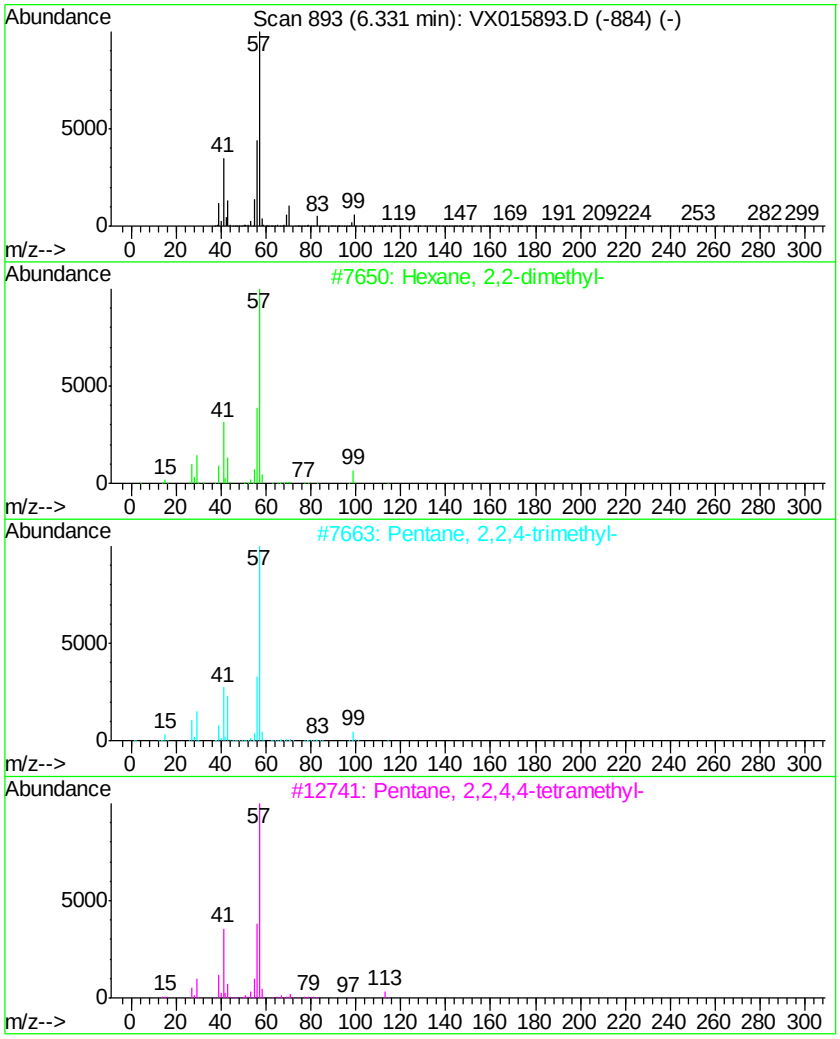
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

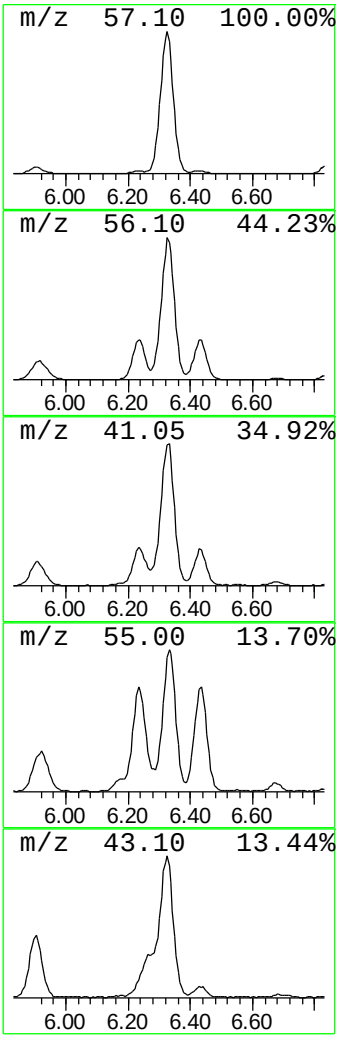
****

Peak Number 2 Hexane, 2,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	108.00 ug/l	7910810	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
3	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	53
4	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	50
5	Butane, 2-azido-2,3,3-trimethyl-	141	C7H15N3	051677-41-9	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015893.D
Acq On : 23 Apr 2020 16:16
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

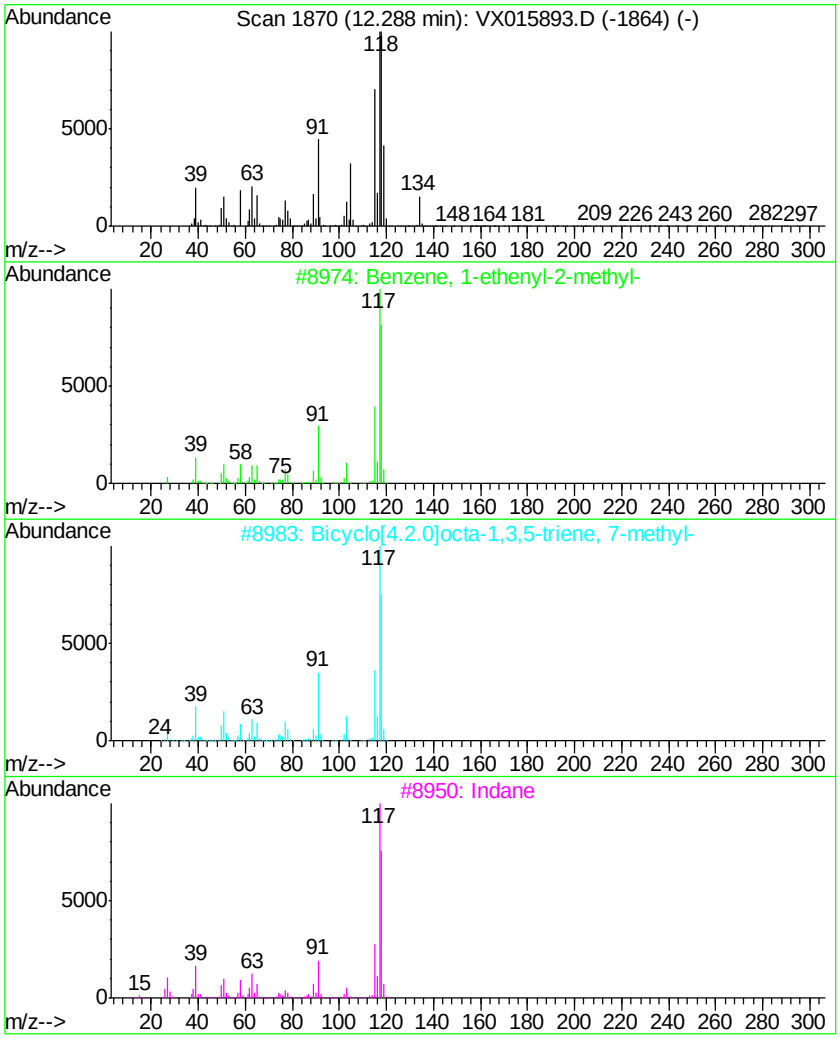
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

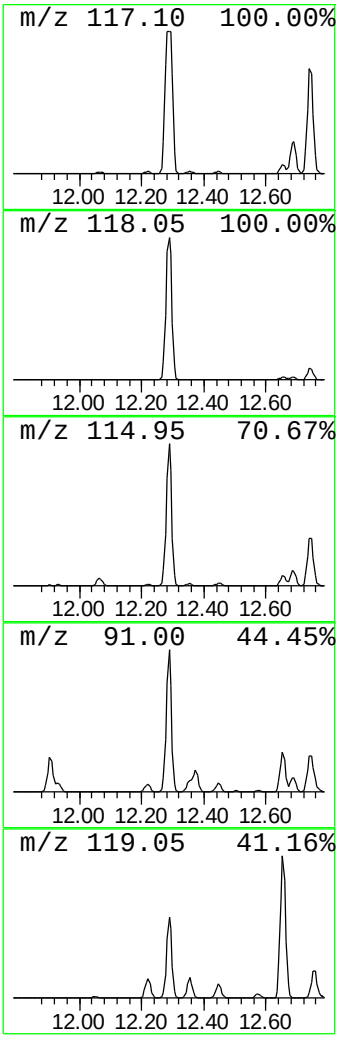
****

Peak Number 3 Benzene, 1-ethenyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	921.42 ug/l	78301200	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	90
3	Indane	118	C9H10	000496-11-7	83
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015893.D
Acq On : 23 Apr 2020 16:16
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

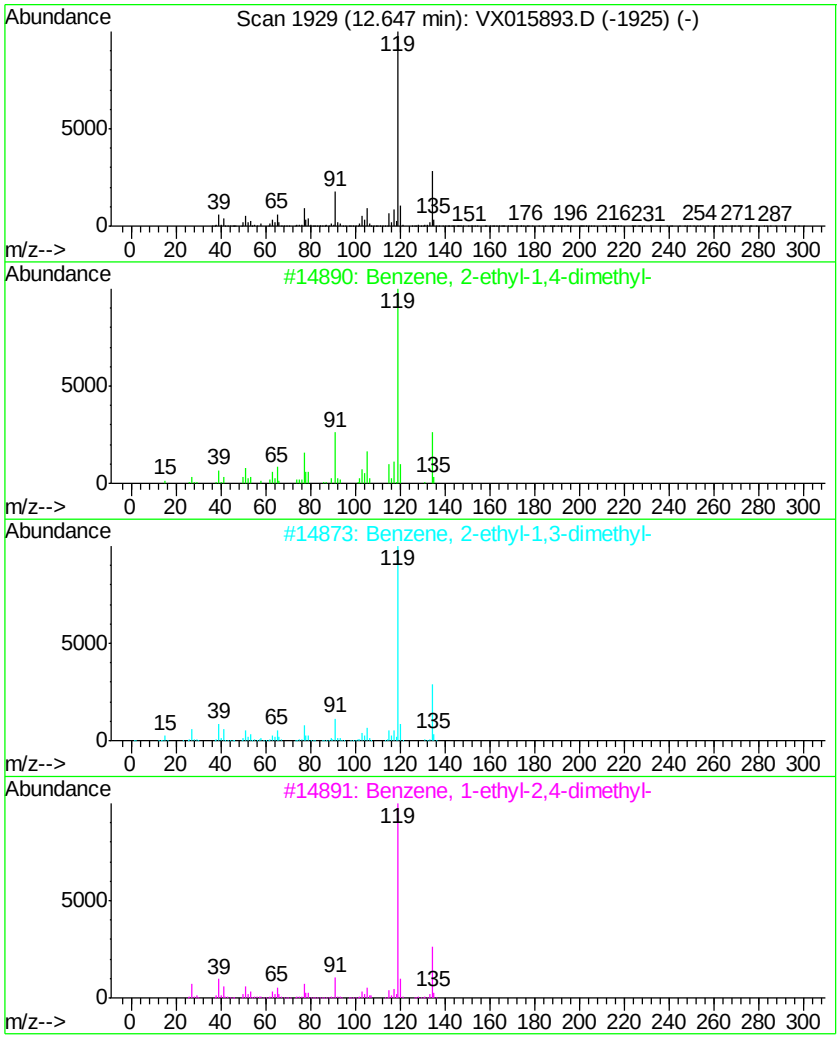
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

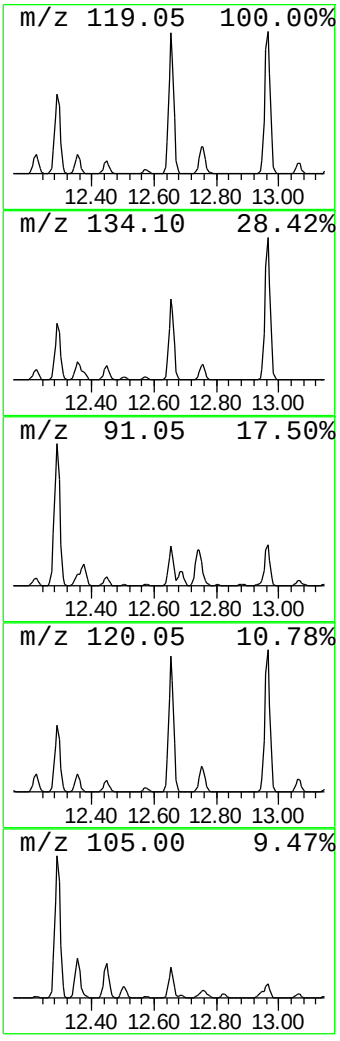
****

Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	234.90 ug/l	19961100	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	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\VX042320\
Data File : VX015893.D
Acq On : 23 Apr 2020 16:16
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

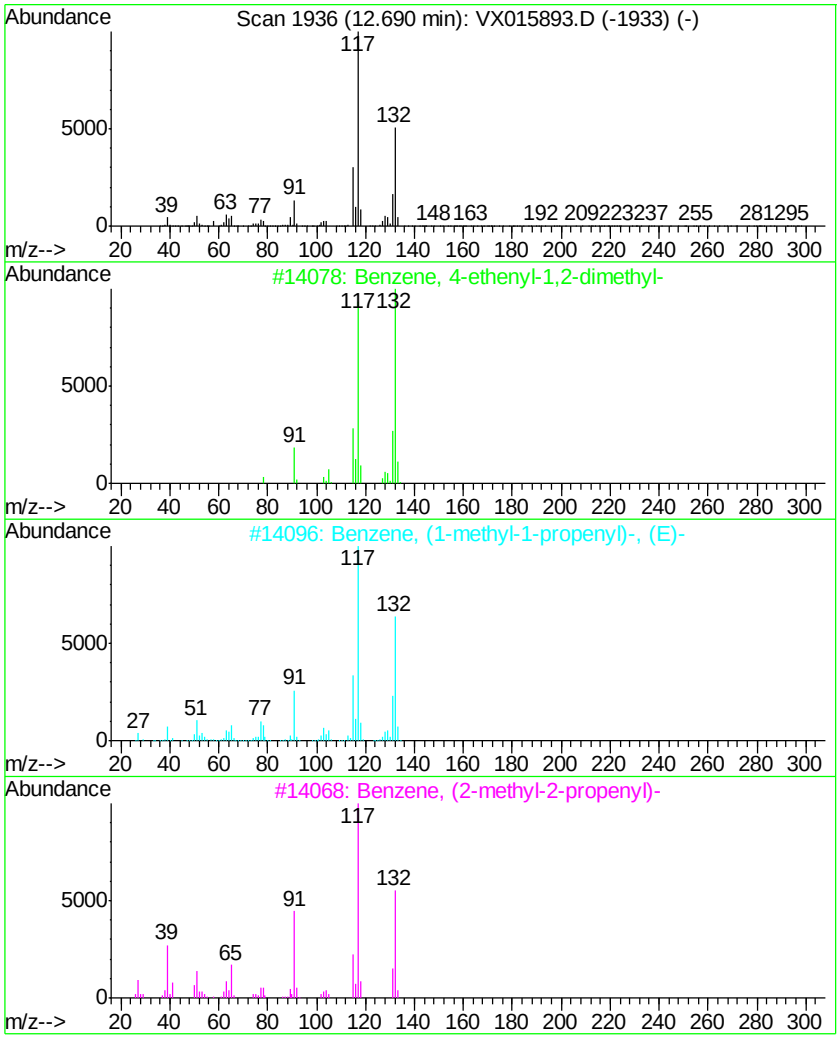
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

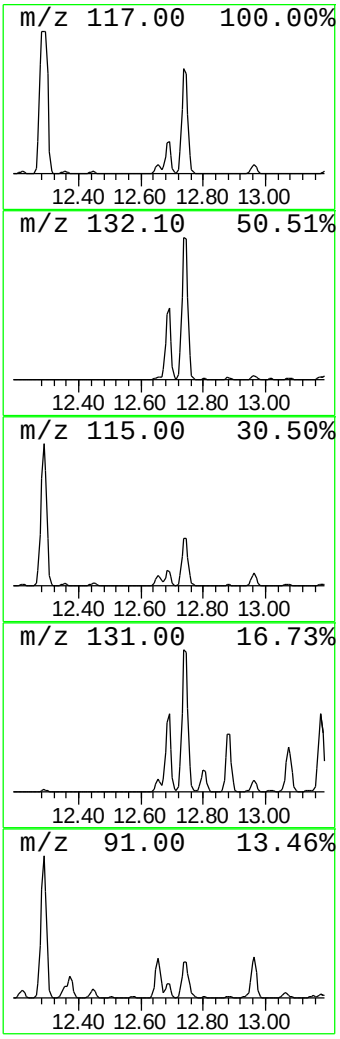
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	91.21 ug/l	7750900	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	96
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015893.D
Acq On : 23 Apr 2020 16:16
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

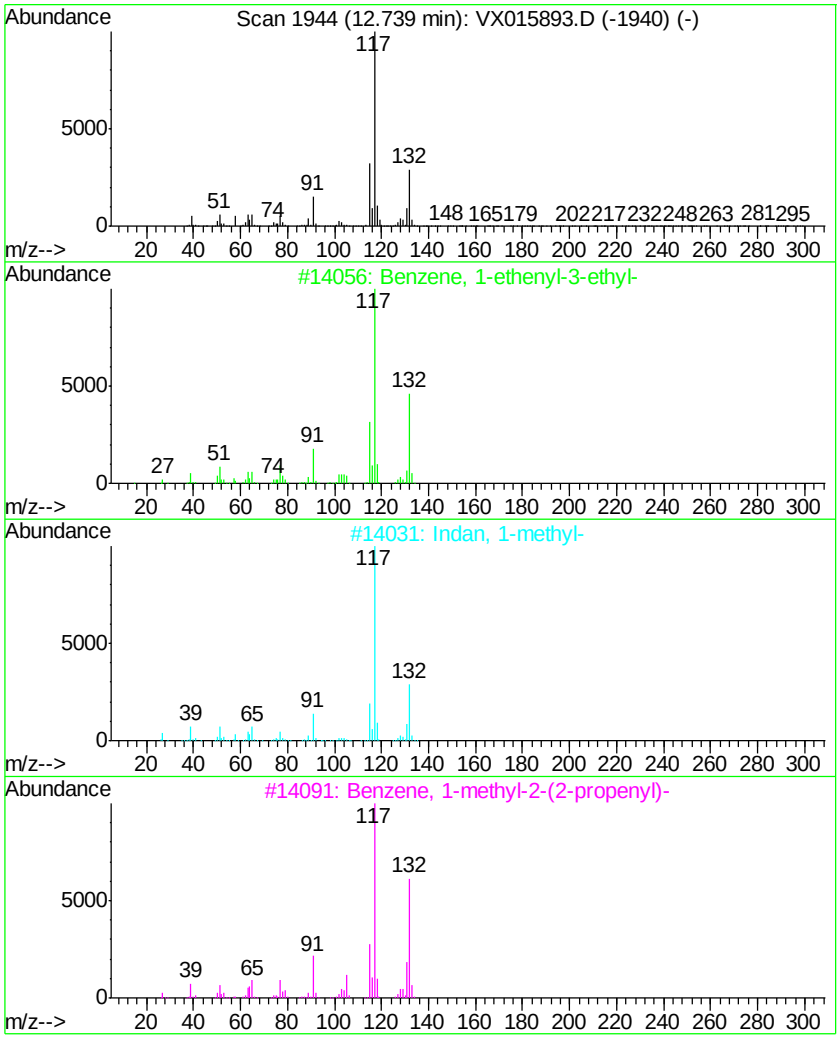
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

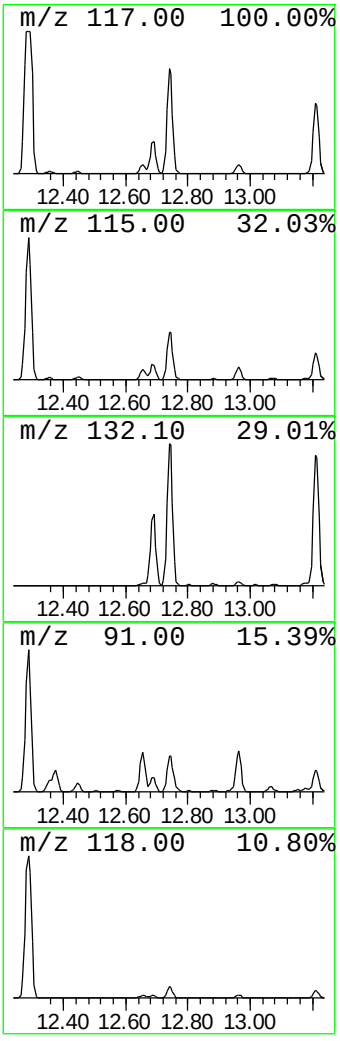
****

Peak Number 6 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	316.69 ug/l	26912000	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015893.D
Acq On : 23 Apr 2020 16:16
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

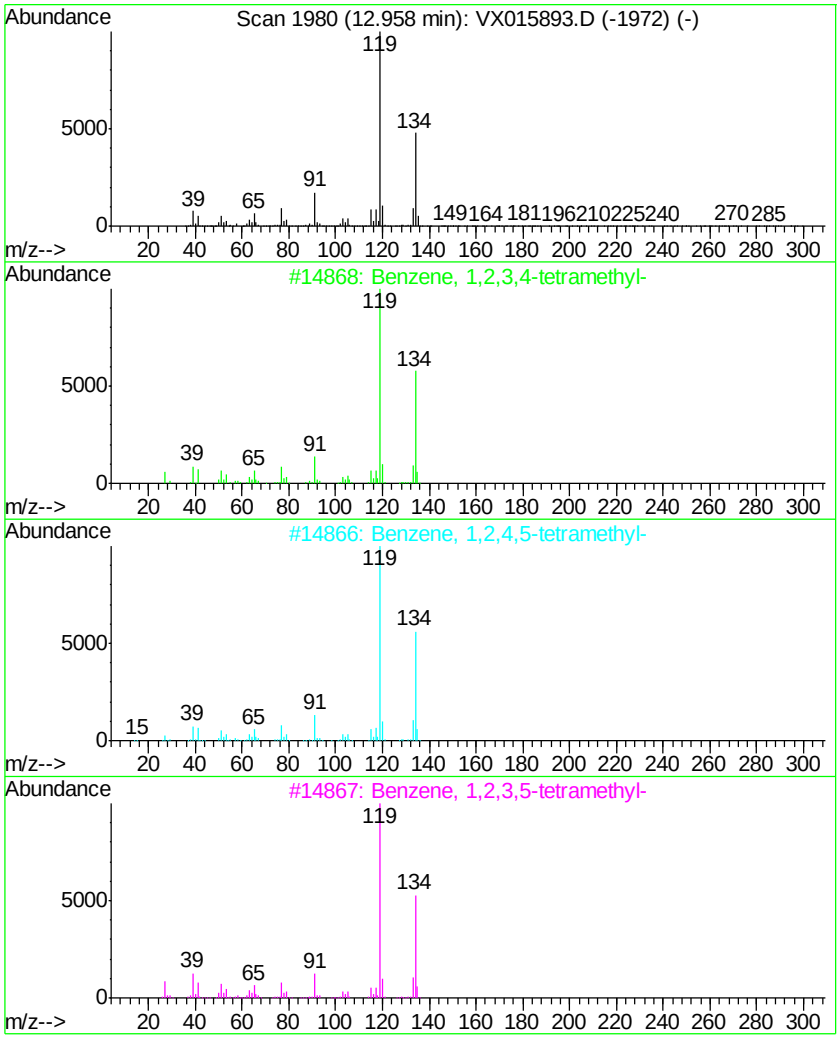
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

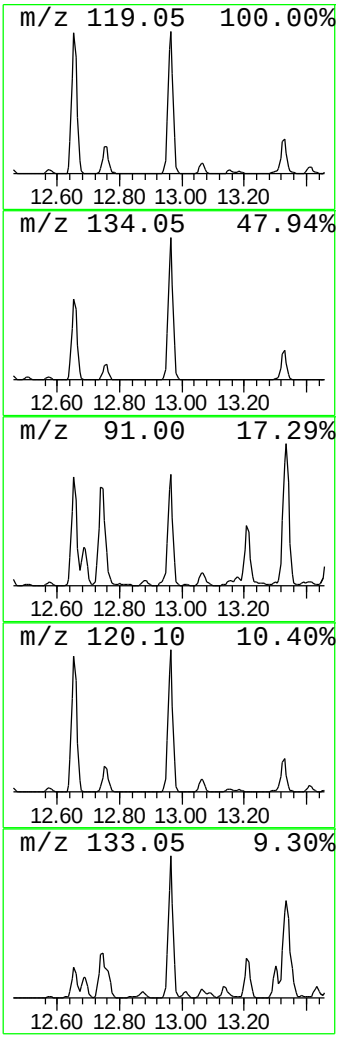
****

Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	268.79 ug/l	22841400	1,4-Dichlorobenzene-d4	12.06

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	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015893.D
Acq On : 23 Apr 2020 16:16
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

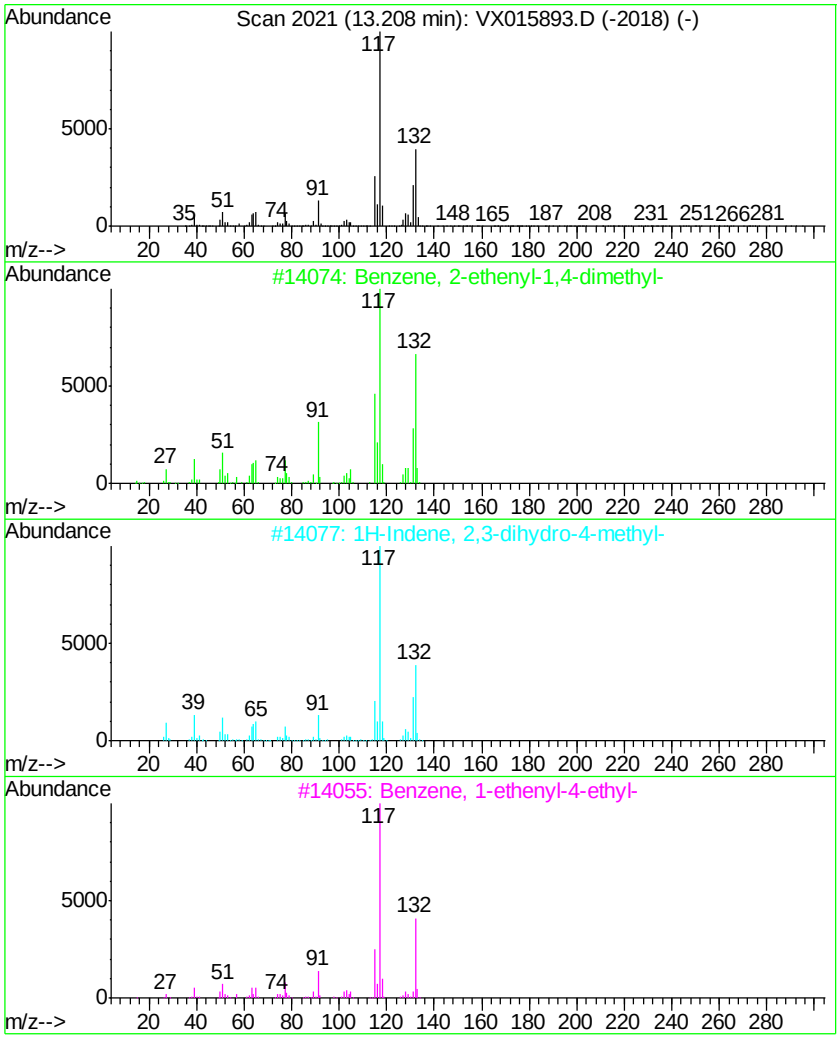
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

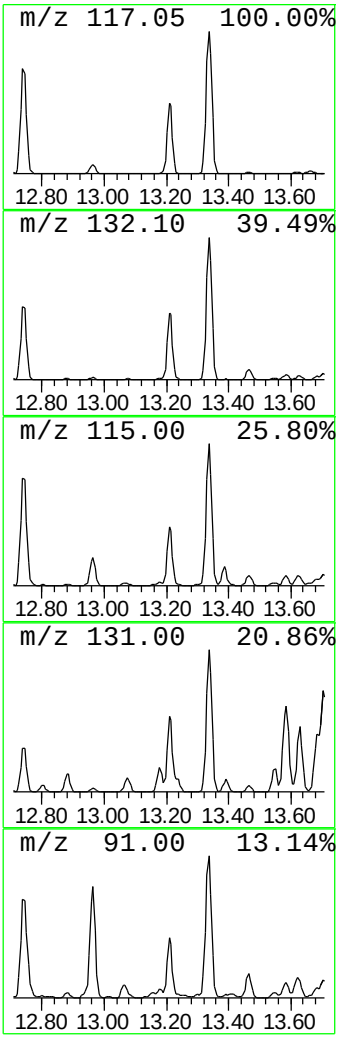
****

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	205.74 ug/l	17483600	1,4-Dichlorobenzene-d4	12.06

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-4-methyl-	132	C10H12	000824-22-6	94
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015893.D
Acq On : 23 Apr 2020 16:16
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

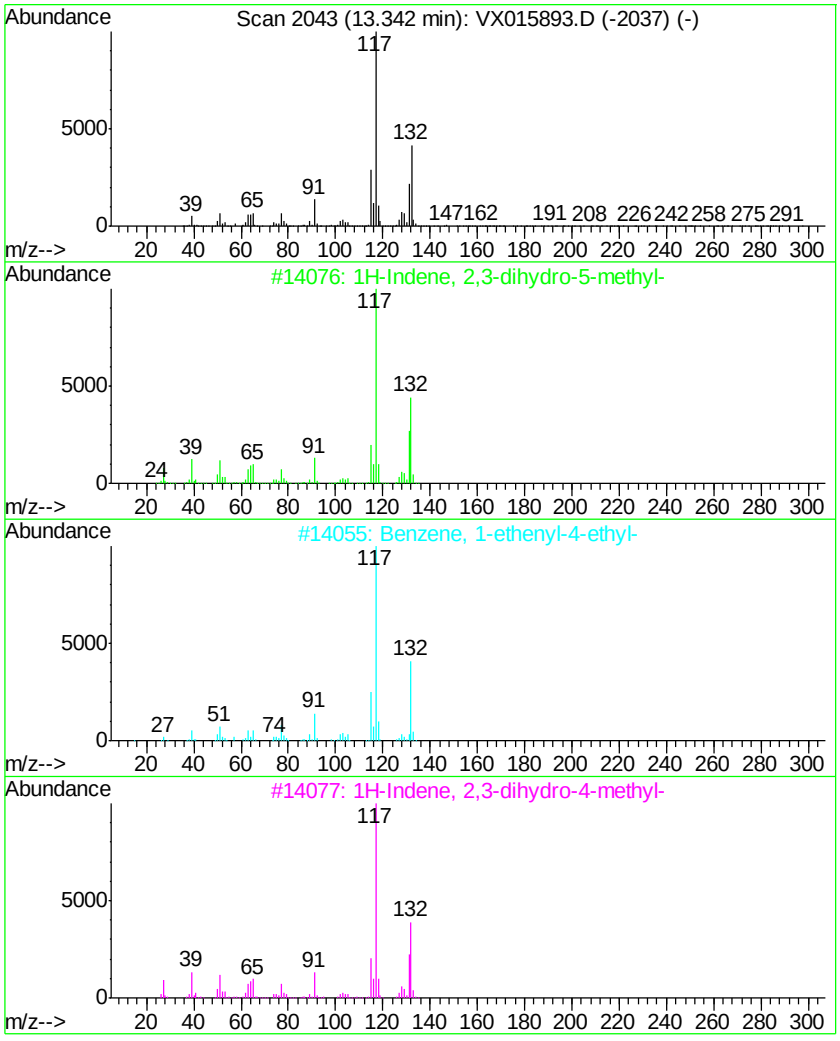
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

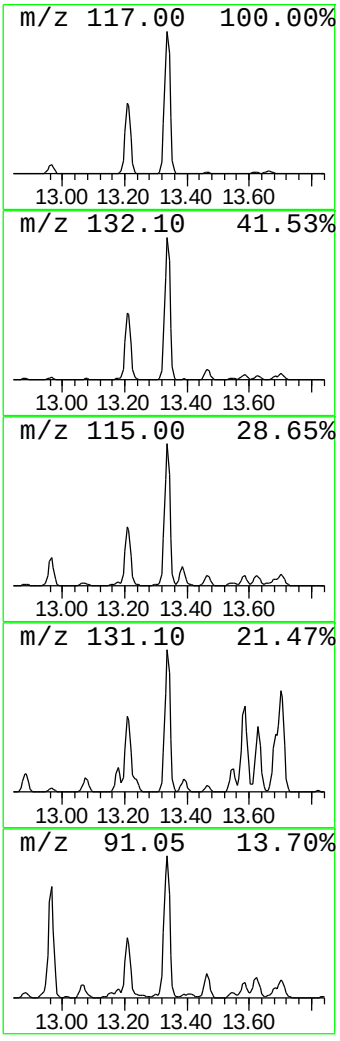
****

Peak Number 9 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	490.66 ug/l	41695400	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015893.D
Acq On : 23 Apr 2020 16:16
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

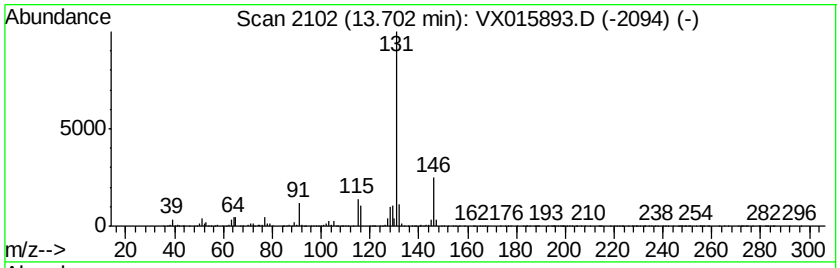
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

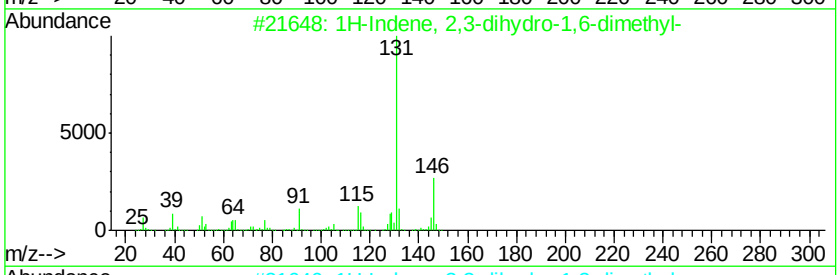
****

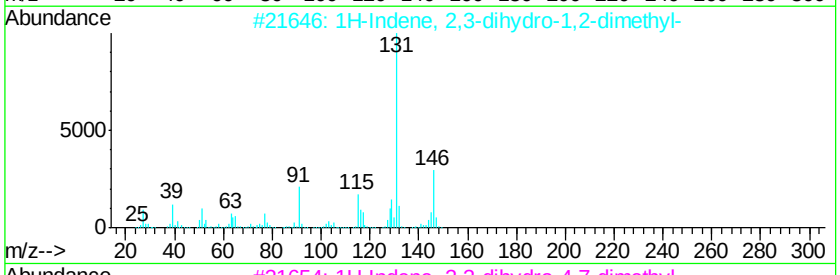
Peak Number 10 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 10

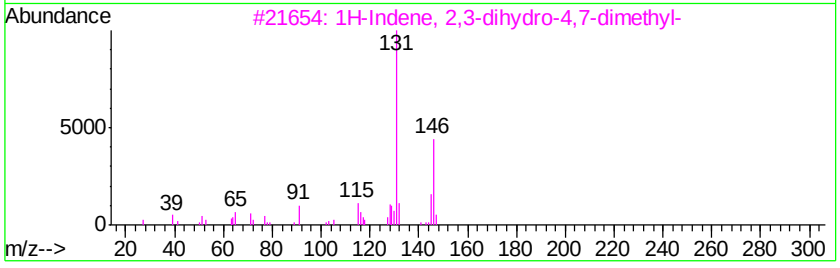
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	90.46 ug/l	7686950	1,4-Dichlorobenzene-d4	12.06

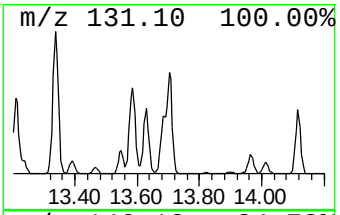
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91

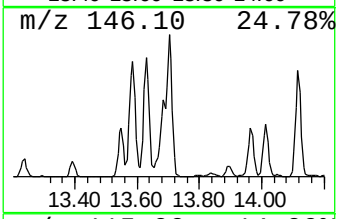


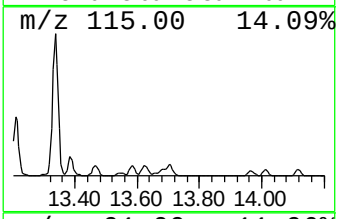


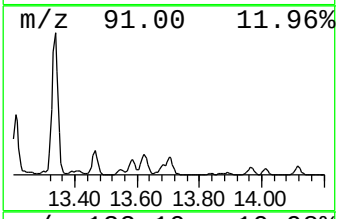


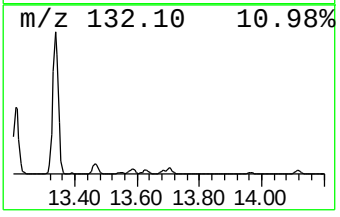












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015893.D
Acq On : 23 Apr 2020 16:16
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.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
Hexane, 2,2-dimet...	6.33	108.0	ug/l	7910810	2	6.83	3662330	50.0
Benzene, 1-etheny...	12.29	921.4	ug/l	78301200	4	12.06	4248930	50.0
Benzene, 2-ethyl-...	12.65	234.9	ug/l	19961100	4	12.06	4248930	50.0
Benzene, 4-etheny...	12.69	91.2	ug/l	7750900	4	12.06	4248930	50.0
Benzene, 1-etheny...	12.74	316.7	ug/l	26912000	4	12.06	4248930	50.0
Benzene, 1,2,3,4-...	12.96	268.8	ug/l	22841400	4	12.06	4248930	50.0
Benzene, 2-etheny...	13.21	205.7	ug/l	17483600	4	12.06	4248930	50.0
1H-Indene, 2,3-di...	13.34	490.7	ug/l	41695400	4	12.06	4248930	50.0
1H-Indene, 2,3-di...	13.70	90.5	ug/l	7686950	4	12.06	4248930	50.0