LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015864.D
Acq On : 23 Apr 2020 01:19
Operator : JC/SP
Sample : L2380-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW077-200421

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	88	rBV	18441935	68137158	100.00%	23.320%
2	2.826	309	318	322	rBV	409028	875325	1.28%	0.300%
3	3.161	362	373	388	rVB3	1015093	2653864	3.89%	0.908%
4	4.283	546	557	565	rBV	330249	980208	1.44%	0.335%
5	4.380	565	573	585	rVV	362573	1036082	1.52%	0.355%
6	5.472	741	752	759	rBV2	517210	1480465	2.17%	0.507%
7	5.563	759	767	771	rVV3	264548	857900	1.26%	0.294%
8	5.636	771	779	784	rVV2	904565	2836826	4.16%	0.971%
9	5.703	784	790	805	rVB	1145841	3492128	5.13%	1.195%
10	5.904	814	823	835	rBV4	302547	960863	1.41%	0.329%
11	6.039	835	845	852	rVV	543003	1422176	2.09%	0.487%
12	6.240	869	878	882	rVV	357162	1080366	1.59%	0.370%
13	6.325	883	892	902	rVV	2994309	9225637	13.54%	3.157%
14	6.429	902	909	920	rVB2	367811	1067652	1.57%	0.365%
15	6.837	964	976	984	rBV	1411541	3565306	5.23%	1.220%
16	7.429	1063	1073	1087	rBV3	711150	2085981	3.06%	0.714%
17	7.557	1087	1094	1099	rBV2	365017	727164	1.07%	0.249%
18	7.618	1099	1104	1109	rVV	505446	1088475	1.60%	0.373%
19	8.038	1163	1173	1185	rVB	1759947	3784241	5.55%	1.295%
20	8.160	1185	1193	1202	rBV2	2244684	4875009	7.15%	1.668%
21	8.239	1202	1206	1218	rVB2	358995	720731	1.06%	0.247%
22	8.654	1267	1274	1276	rBV3	470020	801189	1.18%	0.274%
23	8.697	1276	1281	1290	rVB	3089297	5026486	7.38%	1.720%
24	9.148	1347	1355	1360	rBV2	483906	888455	1.30%	0.304%
25	9.209	1360	1365	1375	rVB	1060949	1749977	2.57%	0.599%
26	10.099	1506	1511	1516	rVB	3069689	4085664	6.00%	1.398%
27	11.001	1654	1659	1664	rBV	4518411	5615968	8.24%	1.922%
28	11.123	1675	1679	1684	rBV	2890460	3542159	5.20%	1.212%
29	11.342	1710	1715	1725	rVB	8239962	10277499	15.08%	3.517%
30	11.653	1758	1766	1775	rBV	1532201	1977117	2.90%	0.677%
31	11.903	1802	1807	1809	rBV	1214937	1491847	2.19%	0.511%
32	11.928	1809	1811	1817	rVB	1197709	1465537	2.15%	0.502%
33	12.062	1828	1833	1840	rBV	3758379	4771122	7.00%	1.633%
34	12.220	1854	1859	1864	rVB	793601	1001523	1.47%	0.343%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015864.D
Acq On : 23 Apr 2020 01:19
Operator : JC/SP
Sample : L2380-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW077-200421

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	12.287	1864	1870	1876	rBV	19766807	25020869	36.72%	8.563%
36	12.354	1876	1881	1891	rVB2	2856219	4278994	6.28%	1.464%
37	12.446	1891	1896	1902	rBV	1129774	1397399	2.05%	0.478%
38	12.513	1902	1907	1912	rVB2	613929	879224	1.29%	0.301%
39	12.653	1923	1930	1933	rBV	6067768	7359526	10.80%	2.519%
40	12.684	1933	1935	1940	rVV	3697692	4321417	6.34%	1.479%
41	12.739	1940	1944	1951	rVV	10792041	14489180	21.26%	4.959%
42	12.800	1951	1954	1960	rVB2	593218	748725	1.10%	0.256%
43	12.879	1960	1967	1972	rVB	1137787	1637098	2.40%	0.560%
44	12.964	1972	1981	1986	rBV	10232492	12883748	18.91%	4.409%
45	13.068	1993	1998	2004	rBV3	1567673	2490447	3.66%	0.852%
46	13.208	2018	2021	2024	rBV	3898745	4357422	6.40%	1.491%
47	13.336	2037	2042	2047	rVV	15331804	19805035	29.07%	6.778%
48	13.385	2047	2050	2056	rVV3	821454	1354444	1.99%	0.464%
49	13.464	2060	2063	2068	rVB	1386093	1676632	2.46%	0.574%
50	13.549	2072	2077	2079	rBV2	749993	1029707	1.51%	0.352%
51	13.586	2079	2083	2086	rVV	2017659	2845860	4.18%	0.974%
52	13.629	2086	2090	2093	rVV2	4538420	6225561	9.14%	2.131%
53	13.702	2093	2102	2111	rVB	5960959	12210968	17.92%	4.179%
54	13.818	2119	2121	2130	rVB3	355530	745140	1.09%	0.255%
55	13.964	2138	2145	2149	rBV2	1474627	1929210	2.83%	0.660%
56	14.013	2149	2153	2156	rBV2	908658	1068664	1.57%	0.366%
57	14.116	2166	2170	2176	rBV	1048416	1265227	1.86%	0.433%
58	14.257	2188	2193	2198	rBV	1801846	2683824	3.94%	0.919%
59	14.360	2206	2210	2215	rVV	1252570	1615914	2.37%	0.553%
60	14.415	2215	2219	2223	rVB	814573	1023711	1.50%	0.350%
61	14.824	2281	2286	2290	rBV	900107	1193241	1.75%	0.408%

Sum of corrected areas: 292185287

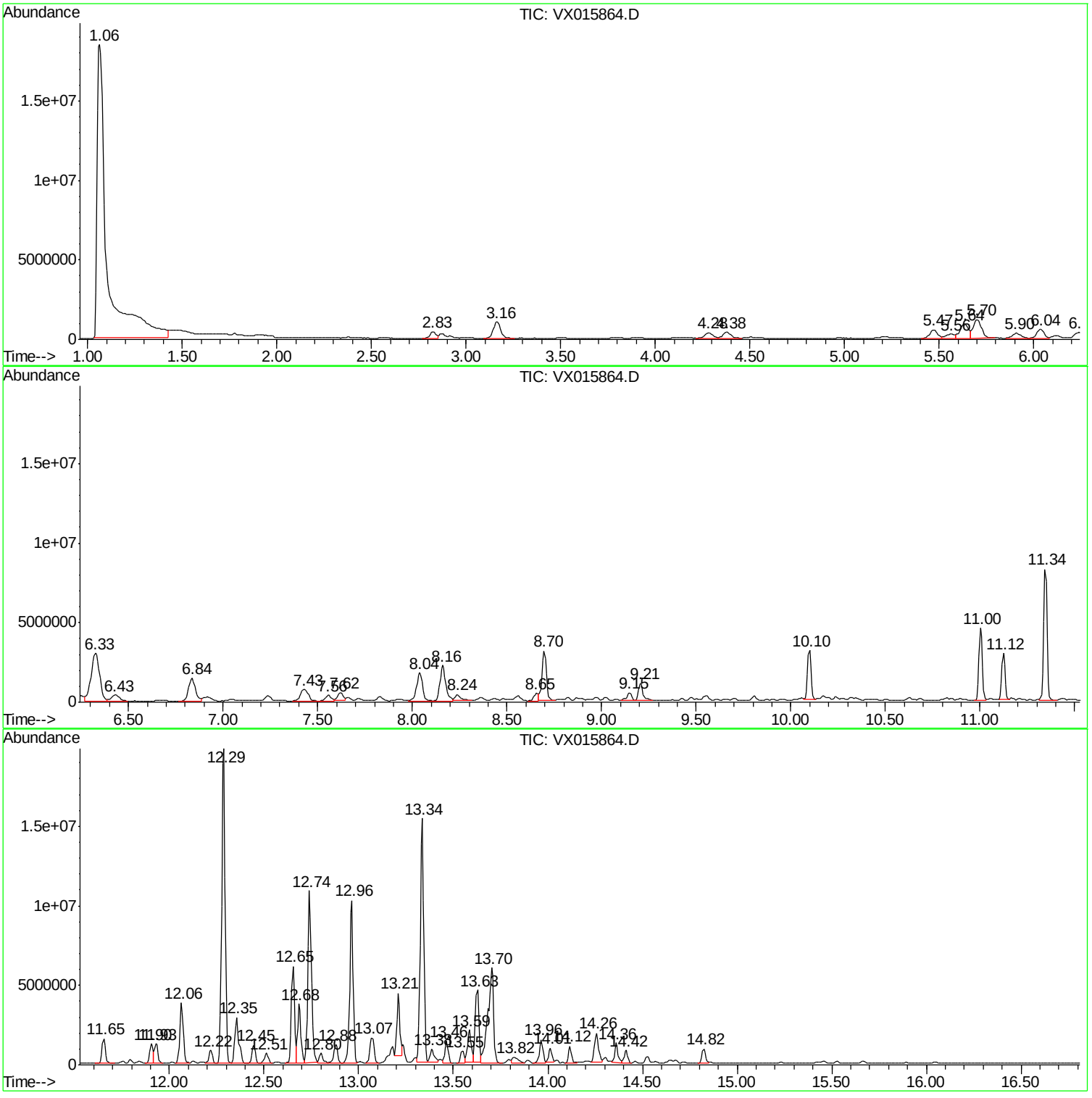
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015864.D
Acq On : 23 Apr 2020 01:19
Operator : JC/SP
Sample : L2380-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW077-200421

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\VX042220\
Data File : VX015864.D
Acq On : 23 Apr 2020 01:19
Operator : JC/SP
Sample : L2380-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW077-200421

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

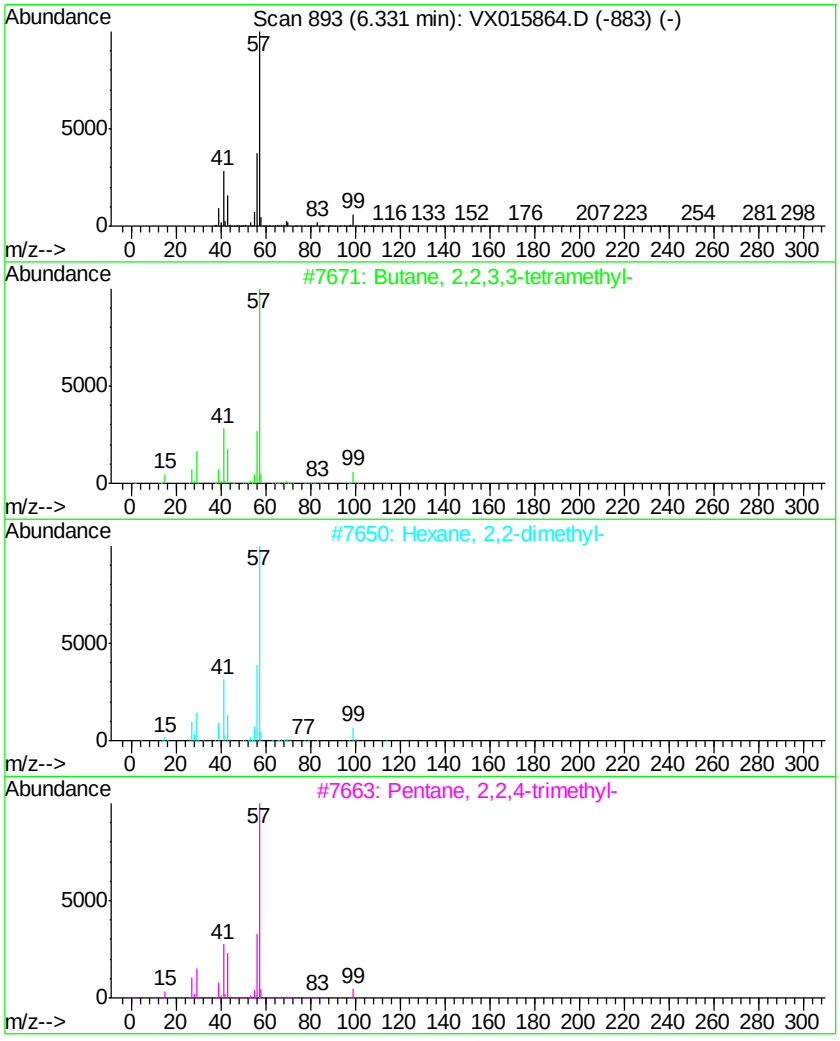
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

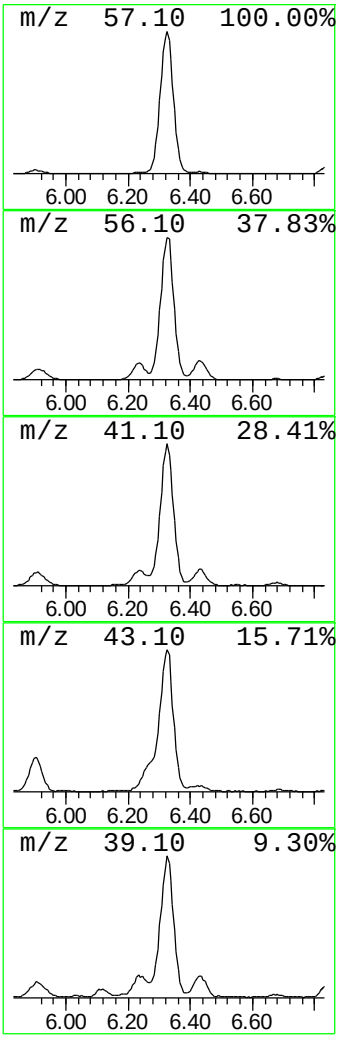
****

Peak Number 2 Butane, 2,2,3,3-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	129.38 ug/l	9225640	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
4	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	64
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015864.D
Acq On : 23 Apr 2020 01:19
Operator : JC/SP
Sample : L2380-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW077-200421

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

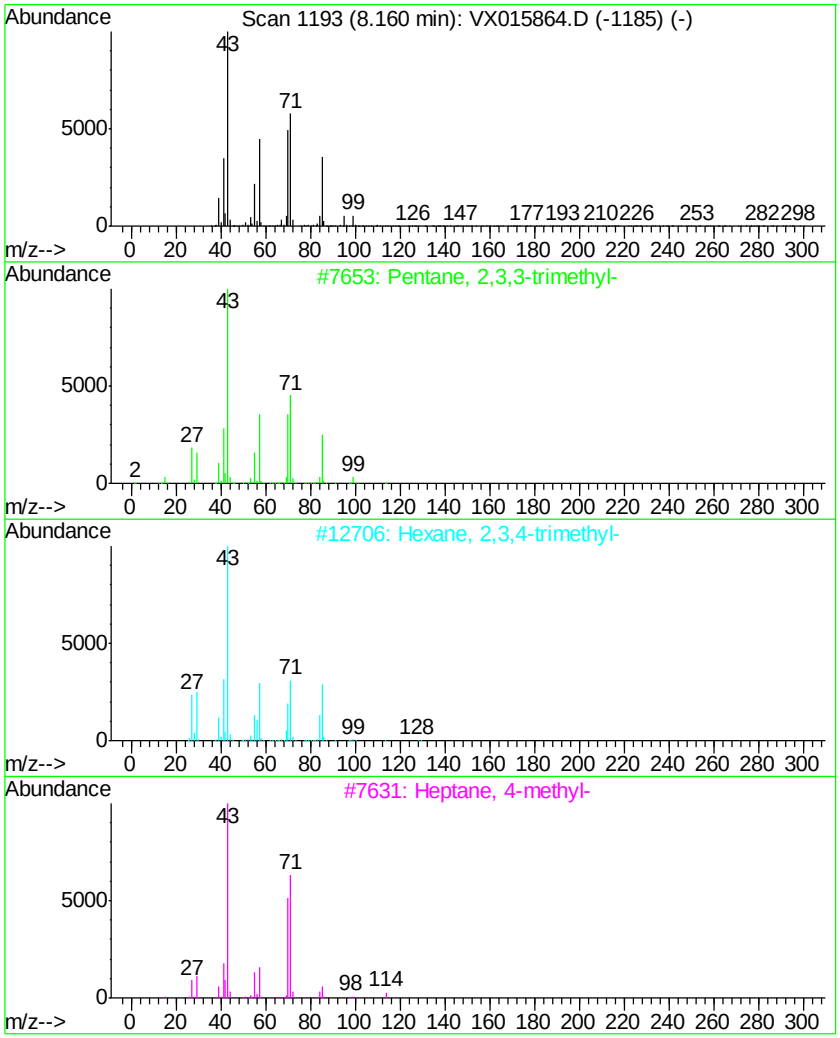
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

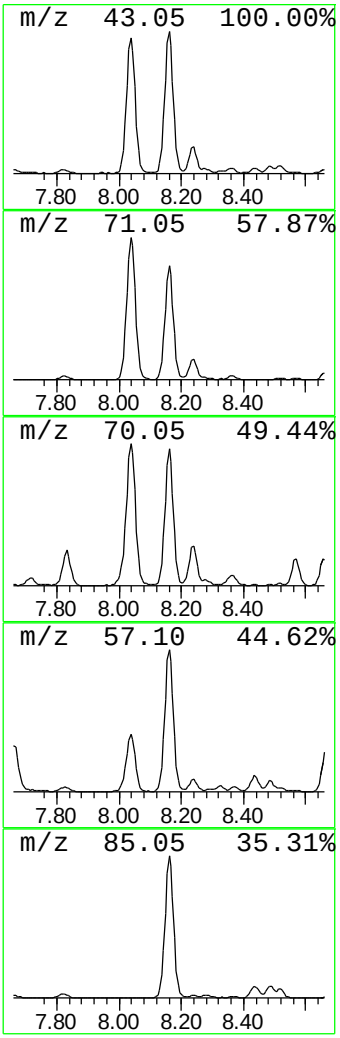
****

Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	68.37 ug/l	4875010	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	59
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015864.D
Acq On : 23 Apr 2020 01:19
Operator : JC/SP
Sample : L2380-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW077-200421

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

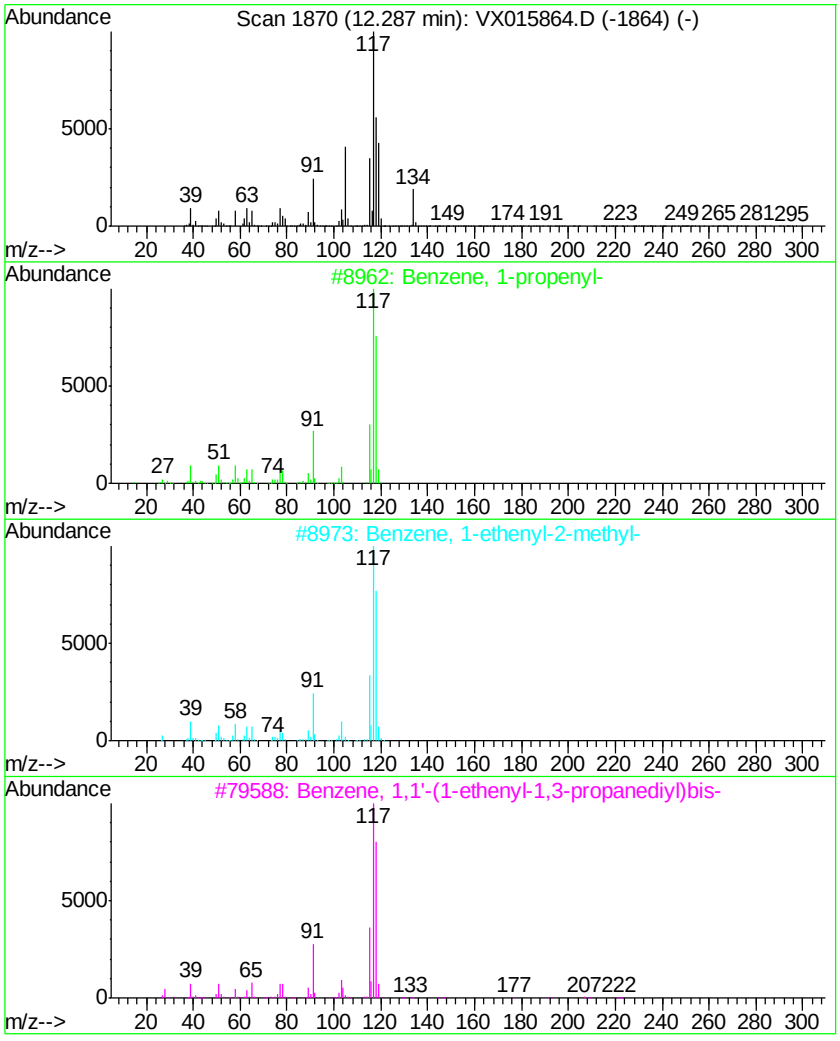
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

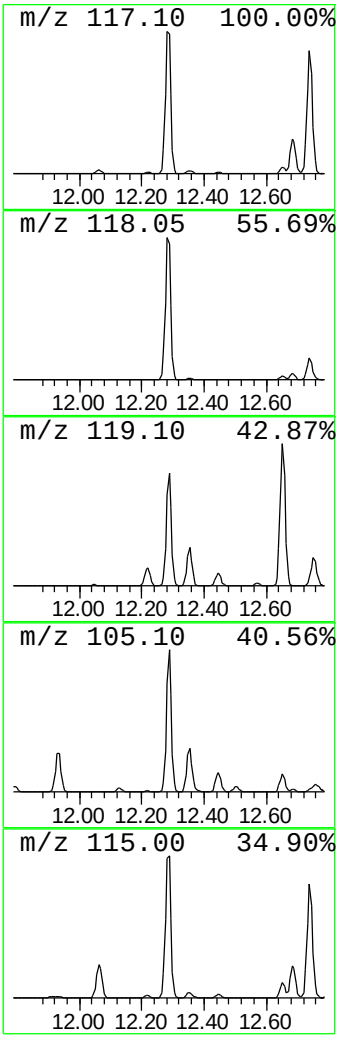
****

Peak Number 4 Benzene, 1-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	262.21 ug/l	25020900	1,4-Dichlorobenzene-d4	12.06

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	90
3	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	62
4	Indane	118	C9H10	000496-11-7	60
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015864.D
Acq On : 23 Apr 2020 01:19
Operator : JC/SP
Sample : L2380-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW077-200421

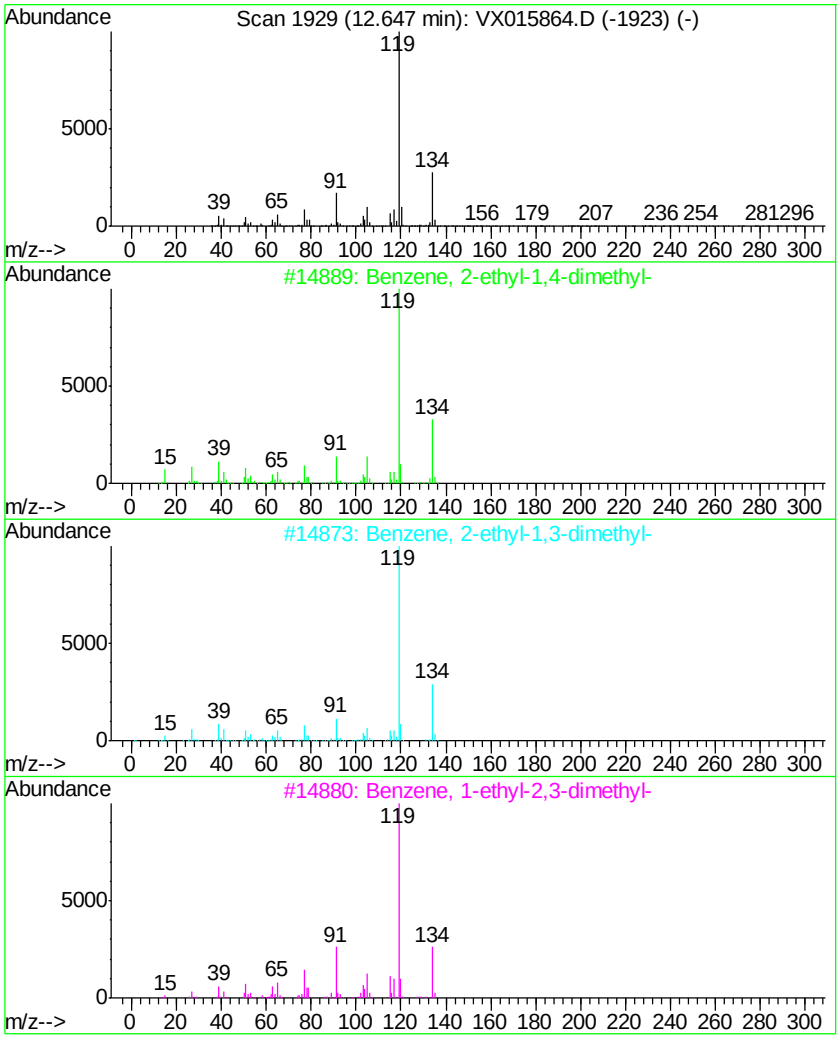
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

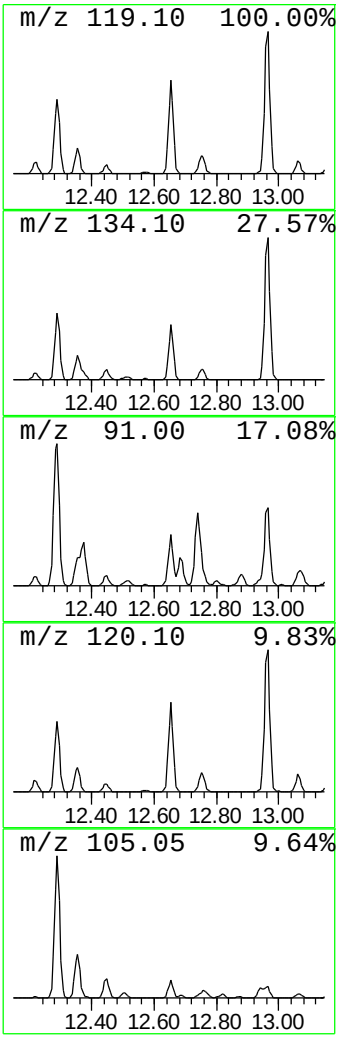
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	77.13 ug/l	7359530	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	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015864.D
Acq On : 23 Apr 2020 01:19
Operator : JC/SP
Sample : L2380-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW077-200421

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

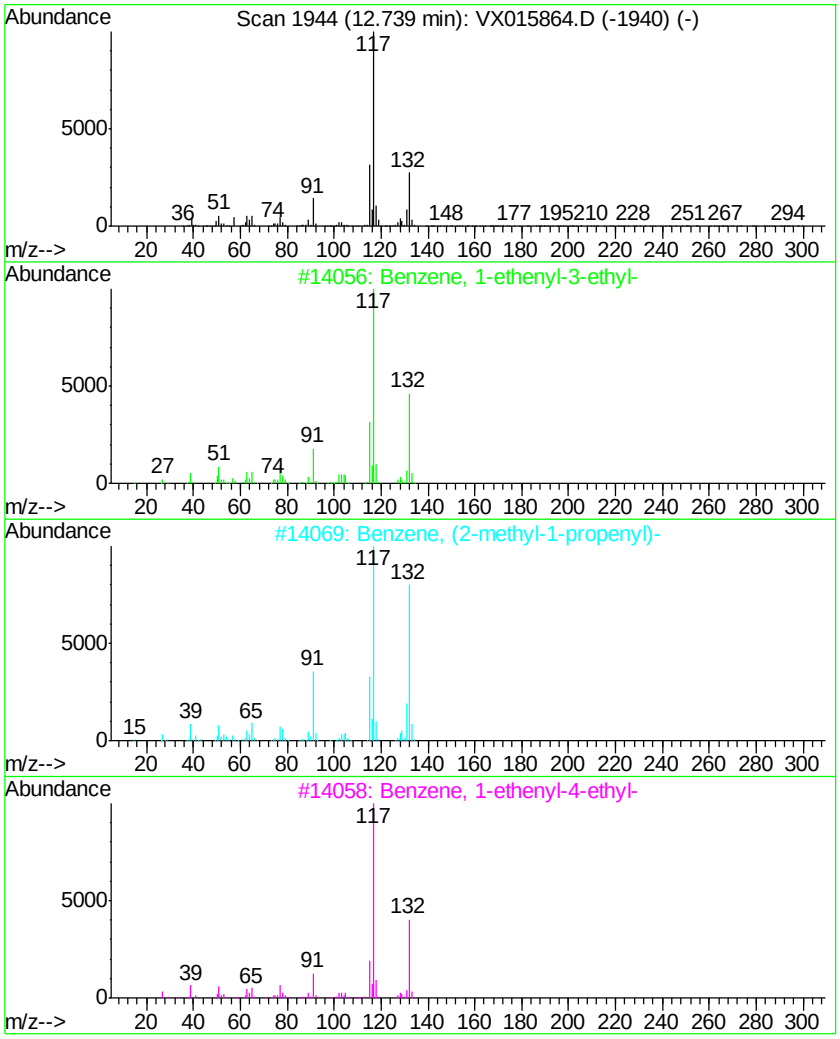
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

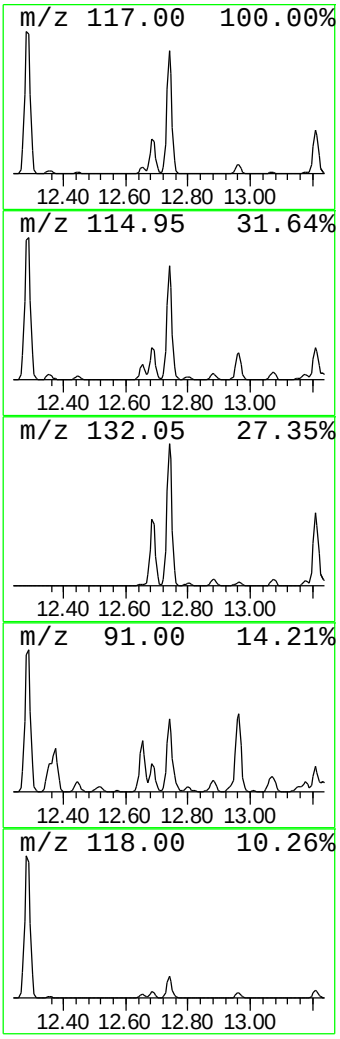
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	151.84 ug/l	14489200	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	91
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	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\VX042220\
Data File : VX015864.D
Acq On : 23 Apr 2020 01:19
Operator : JC/SP
Sample : L2380-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW077-200421

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

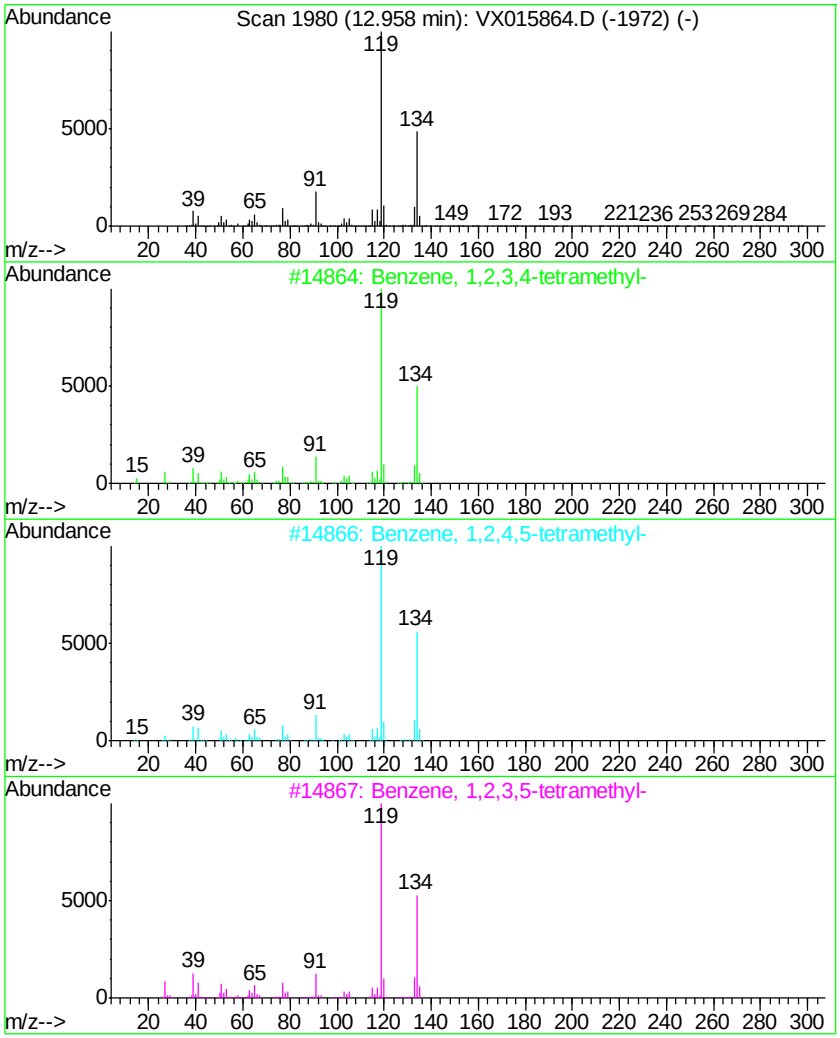
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

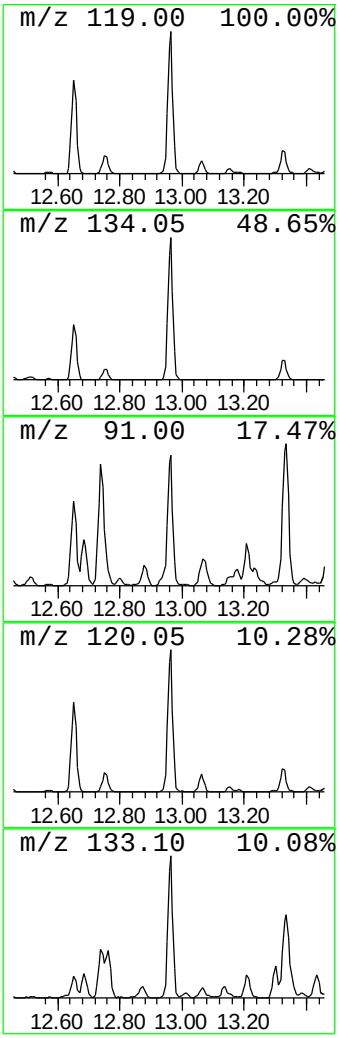
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	135.02 ug/l	12883700	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	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015864.D
Acq On : 23 Apr 2020 01:19
Operator : JC/SP
Sample : L2380-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW077-200421

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

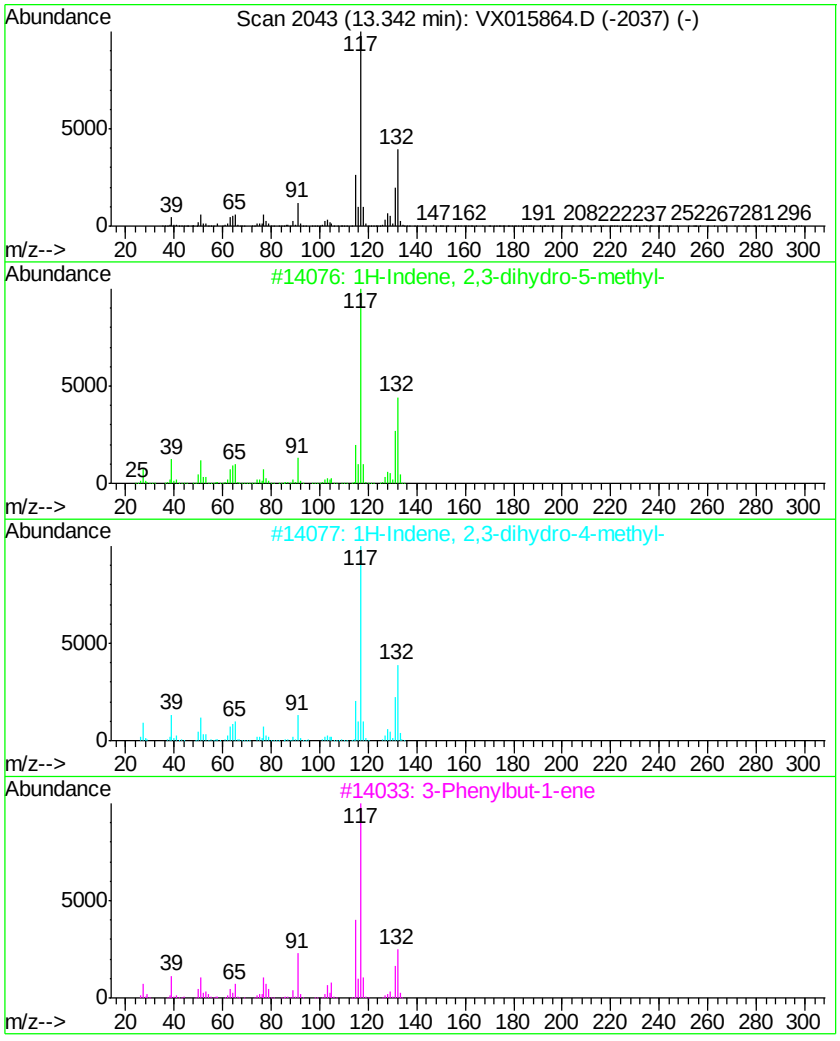
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

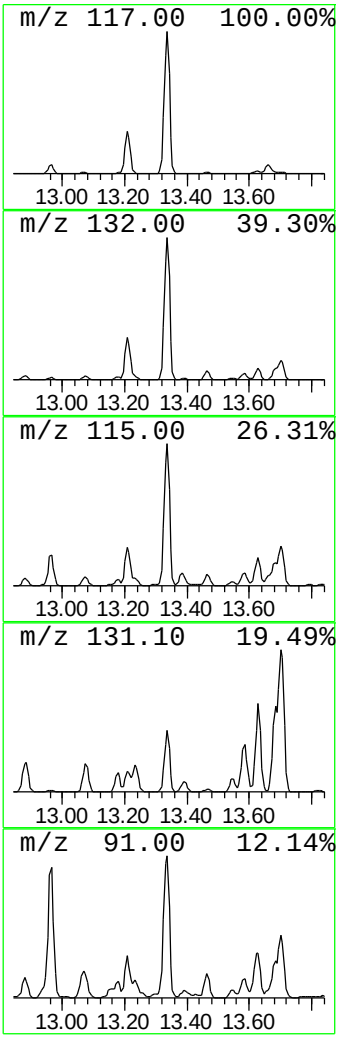
****

Peak Number 8 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	207.55 ug/l	19805000	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	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





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Data File : VX015864.D
Acq On : 23 Apr 2020 01:19
Operator : JC/SP
Sample : L2380-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW077-200421

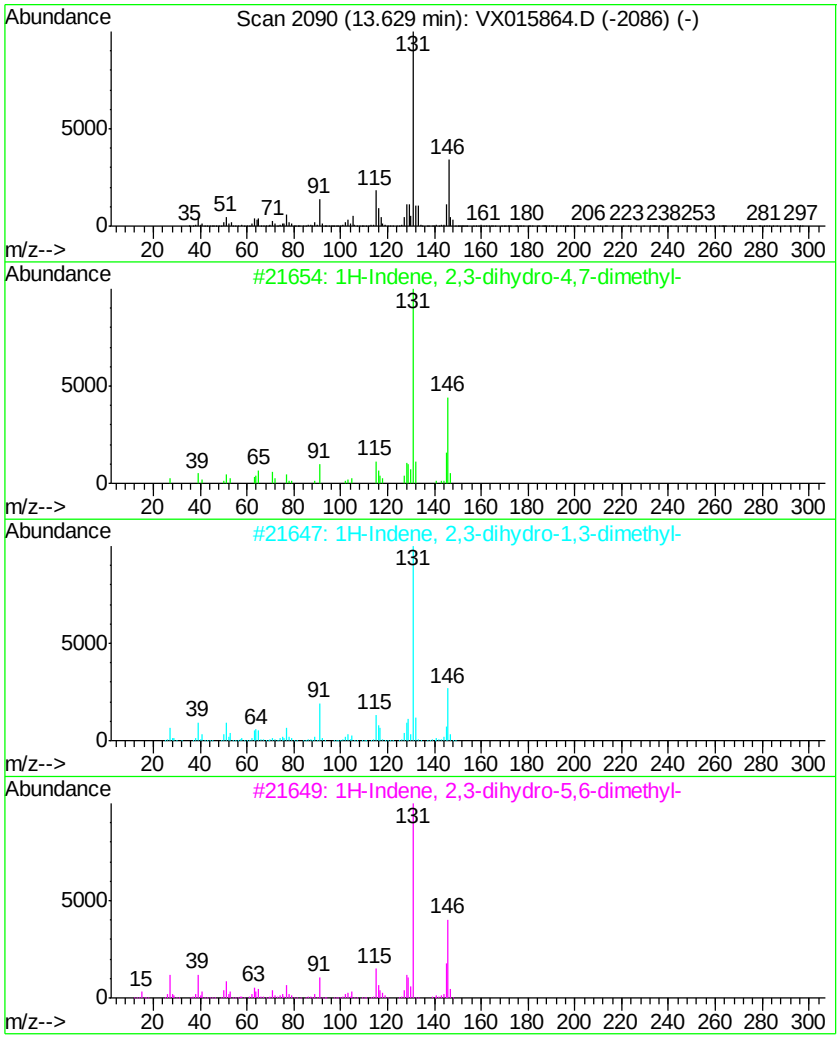
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

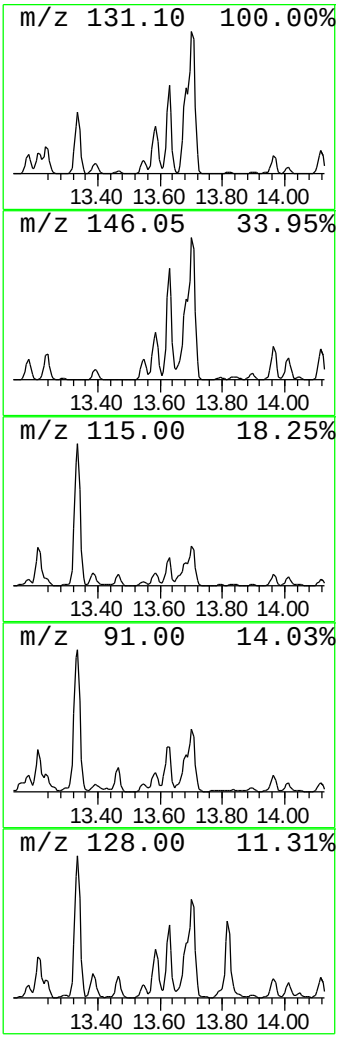
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	65.24 ug/l	6225560	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015864.D
Acq On : 23 Apr 2020 01:19
Operator : JC/SP
Sample : L2380-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW077-200421

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

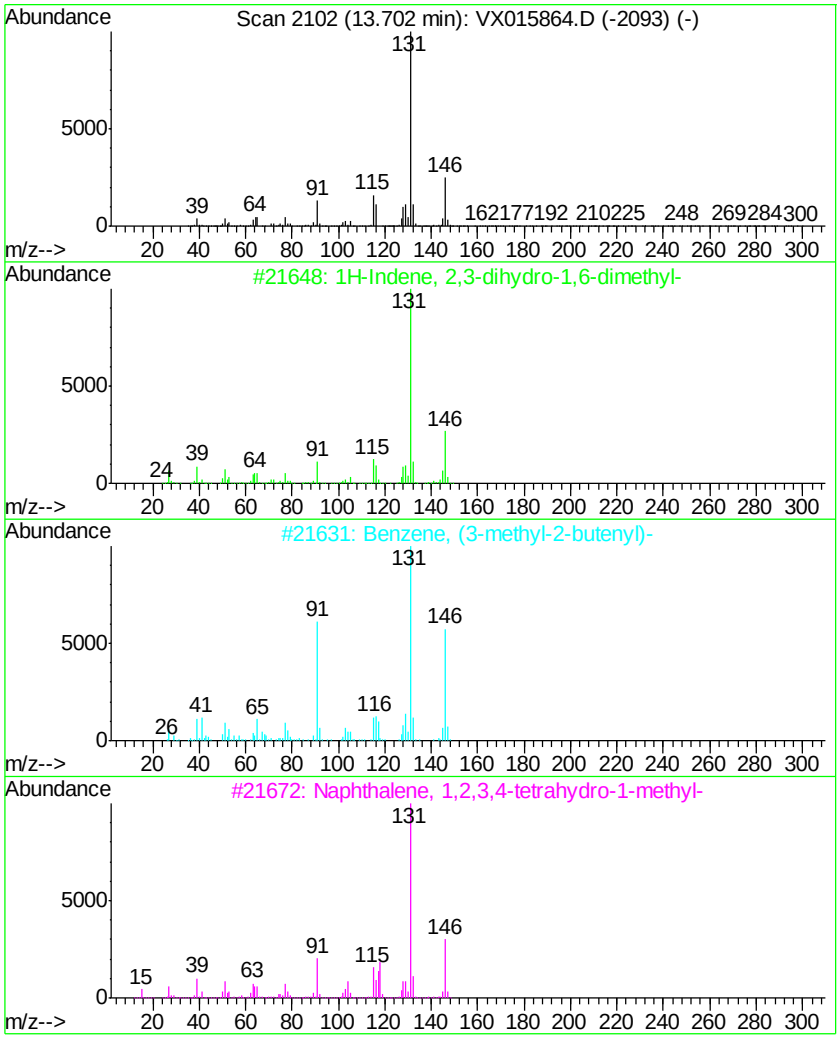
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

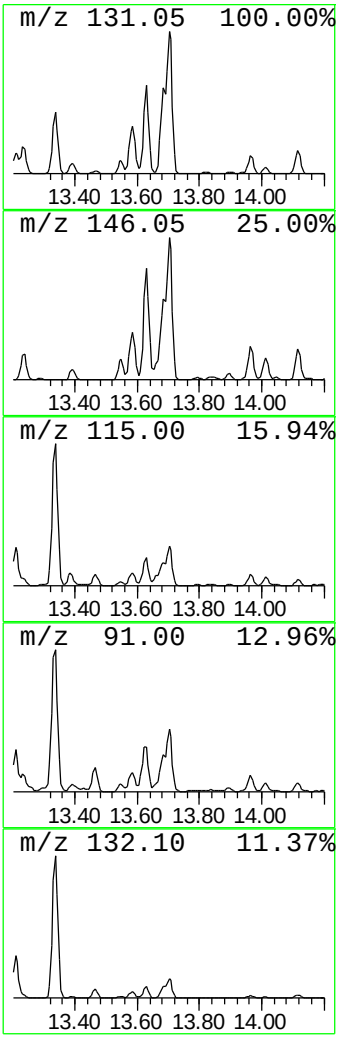
****

Peak Number 10 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	127.97 ug/l	12211000	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	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015864.D
Acq On : 23 Apr 2020 01:19
Operator : JC/SP
Sample : L2380-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW077-200421

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
Butane, 2,2,3,3-t...	6.33	129.4	ug/l	9225640	2	6.84	3565310	50.0
Pentane, 2,3,3-tr...	8.16	68.4	ug/l	4875010	2	6.84	3565310	50.0
Benzene, 1-propenyl-	12.29	262.2	ug/l	25020900	4	12.06	4771120	50.0
Benzene, 2-ethyl-...	12.65	77.1	ug/l	7359530	4	12.06	4771120	50.0
Benzene, 1-etheny...	12.74	151.8	ug/l	14489200	4	12.06	4771120	50.0
Benzene, 1,2,3,4-...	12.96	135.0	ug/l	12883700	4	12.06	4771120	50.0
1H-Indene, 2,3-di...	13.34	207.6	ug/l	19805000	4	12.06	4771120	50.0
1H-Indene, 2,3-di...	13.63	65.2	ug/l	6225560	4	12.06	4771120	50.0
1H-Indene, 2,3-di...	13.70	128.0	ug/l	12211000	4	12.06	4771120	50.0