LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015871.D
Acq On : 23 Apr 2020 03:58
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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	59	rBV2	18536527	58235748	100.00%	28.863%
2	3.161	364	373	390	rVB2	509891	1354007	2.33%	0.671%
3	4.374	565	572	582	rVB	235785	661581	1.14%	0.328%
4	5.472	742	752	760	rBV	492953	1439460	2.47%	0.713%
5	5.630	771	778	785	rVV	916969	2771662	4.76%	1.374%
6	5.703	785	790	804	rVB2	463872	1360114	2.34%	0.674%
7	5.905	812	823	835	rBV3	227709	723136	1.24%	0.358%
8	6.033	835	844	852	rVV	542446	1415737	2.43%	0.702%
9	6.234	869	877	882	rVV2	222329	652022	1.12%	0.323%
10	6.325	882	892	903	rVV3	1261906	4125798	7.08%	2.045%
11	6.831	966	975	984	rBV	1388776	3452480	5.93%	1.711%
12	7.435	1064	1074	1084	rBV4	525194	1500684	2.58%	0.744%
13	8.038	1164	1173	1185	rVB	671558	1456136	2.50%	0.722%
14	8.160	1185	1193	1202	rBV2	823418	1882574	3.23%	0.933%
15	8.697	1276	1281	1290	rVB	3059184	4740528	8.14%	2.350%
16	9.209	1360	1365	1376	rVB	602490	976805	1.68%	0.484%
17	10.099	1506	1511	1516	rBV	3124745	4079578	7.01%	2.022%
18	10.239	1530	1534	1538	rBV	454289	593140	1.02%	0.294%
19	11.001	1654	1659	1665	rBV	4776598	6297563	10.81%	3.121%
20	11.123	1674	1679	1684	rBV	2847839	3517074	6.04%	1.743%
21	11.343	1710	1715	1725	rVB	8334391	10417481	17.89%	5.163%
22	11.654	1761	1766	1775	rVB	1113912	1369858	2.35%	0.679%
23	11.904	1802	1807	1809	rBV	927044	1142915	1.96%	0.566%
24	11.928	1809	1811	1817	rVB	833038	1063179	1.83%	0.527%
25	12.062	1828	1833	1840	rBV	3834492	4646026	7.98%	2.303%
26	12.288	1864	1870	1875	rVV	12074990	15539872	26.68%	7.702%
27	12.355	1876	1881	1891	rVB2	1381929	2755363	4.73%	1.366%
28	12.446	1891	1896	1901	rBV2	585906	756804	1.30%	0.375%
29	12.653	1922	1930	1933	rBV	8832650	10226974	17.56%	5.069%
30	12.684	1933	1935	1940	rVB	1897476	2225266	3.82%	1.103%
31	12.739	1940	1944	1951	rVB2	5442208	7290406	12.52%	3.613%
32	12.879	1960	1967	1972	rVB2	499922	787292	1.35%	0.390%
33	12.964	1972	1981	1985	rBV	4897914	6383894	10.96%	3.164%
34	13.068	1993	1998	2004	rBV2	897190	1403569	2.41%	0.696%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015871.D
Acq On : 23 Apr 2020 03:58
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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	13.208	2018	2021	2024	rBV	2185970	2377709	4.08%	1.178%
36	13.336	2037	2042	2047	rVV2	7232904	9984334	17.14%	4.949%
37	13.409	2052	2054	2059	rVV	581927	686491	1.18%	0.340%
38	13.464	2059	2063	2070	rVB	705508	914277	1.57%	0.453%
39	13.550	2072	2077	2079	rBV	553219	736855	1.27%	0.365%
40	13.586	2079	2083	2086	rVV	1308263	1863307	3.20%	0.924%
41	13.623	2086	2089	2093	rVV2	2043713	2875969	4.94%	1.425%
42	13.684	2093	2099	2100	rVV2	1256354	1977898	3.40%	0.980%
43	13.702	2100	2102	2111	rVV2	2094414	2900558	4.98%	1.438%
44	13.818	2114	2121	2130	rVV	1409857	2199124	3.78%	1.090%
45	13.964	2138	2145	2149	rBV2	674065	1055577	1.81%	0.523%
46	14.013	2149	2153	2156	rVV	523517	701958	1.21%	0.348%
47	14.117	2165	2170	2174	rBV	787357	940019	1.61%	0.466%
48	14.257	2188	2193	2198	rBV	947137	1452038	2.49%	0.720%
49	14.360	2207	2210	2215	rBV	541802	664881	1.14%	0.330%
50	14.415	2215	2219	2223	rVB	597314	724797	1.24%	0.359%
51	14.677	2255	2262	2266	rBV	1135280	1420236	2.44%	0.704%
52	14.824	2280	2286	2290	rBV	806398	1043669	1.79%	0.517%

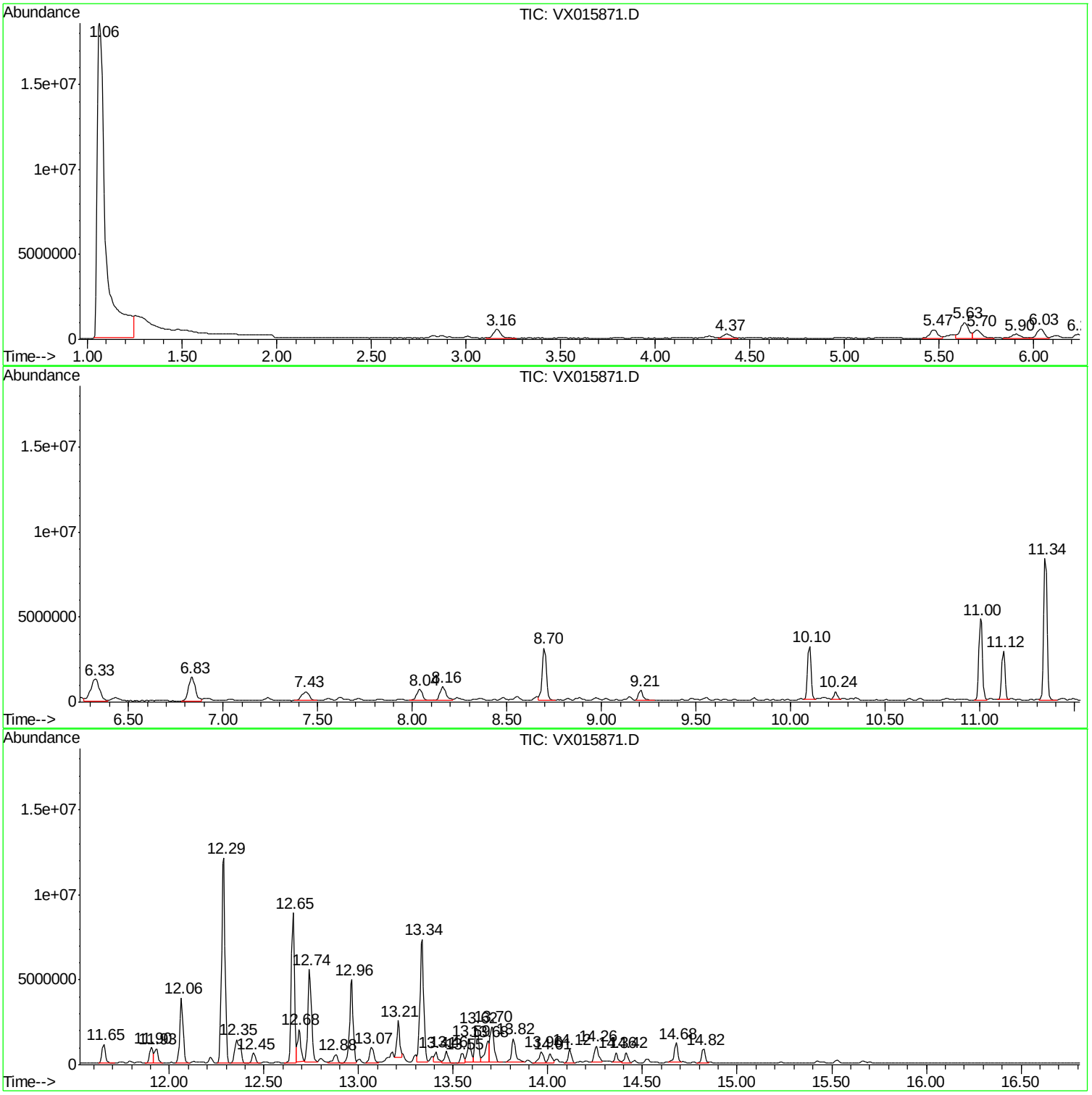
Sum of corrected areas: 201764423

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015871.D
Acq On : 23 Apr 2020 03:58
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421-FD

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 : VX015871.D
Acq On : 23 Apr 2020 03:58
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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

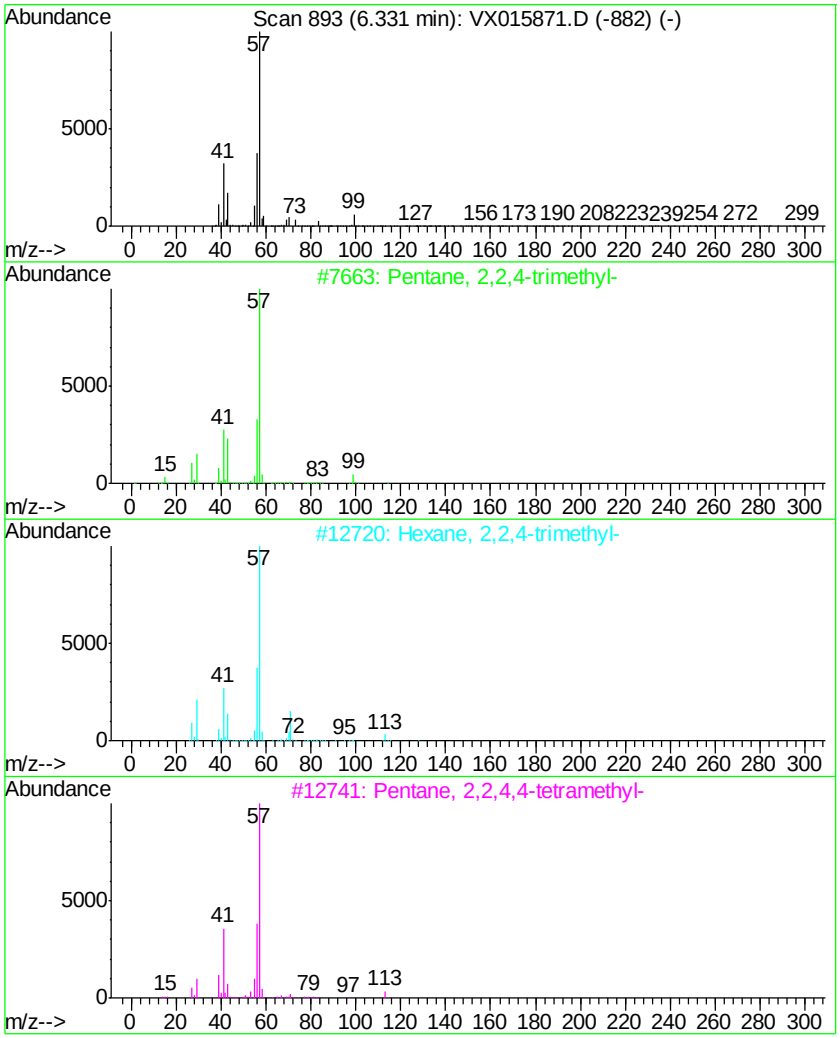
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

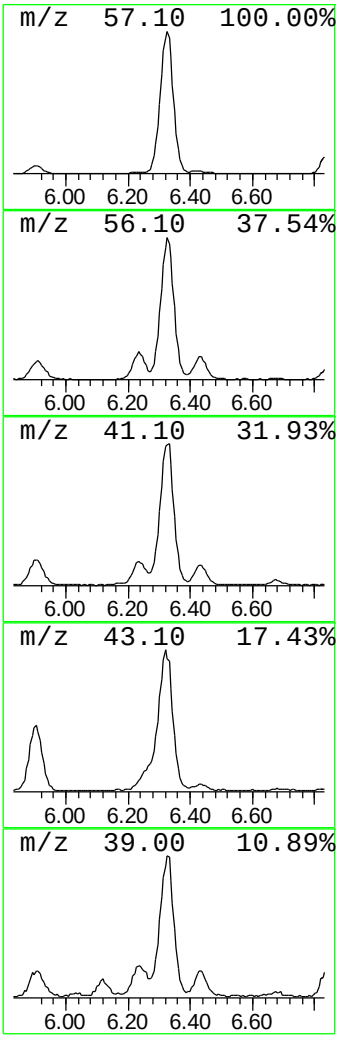
****

Peak Number 2 Pentane, 2,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	59.75 ug/l	4125800	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
3	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	50
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	45
5	Carbonic acid, bis(2-methylpropy...	174	C9H18O3	000539-92-4	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015871.D
Acq On : 23 Apr 2020 03:58
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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

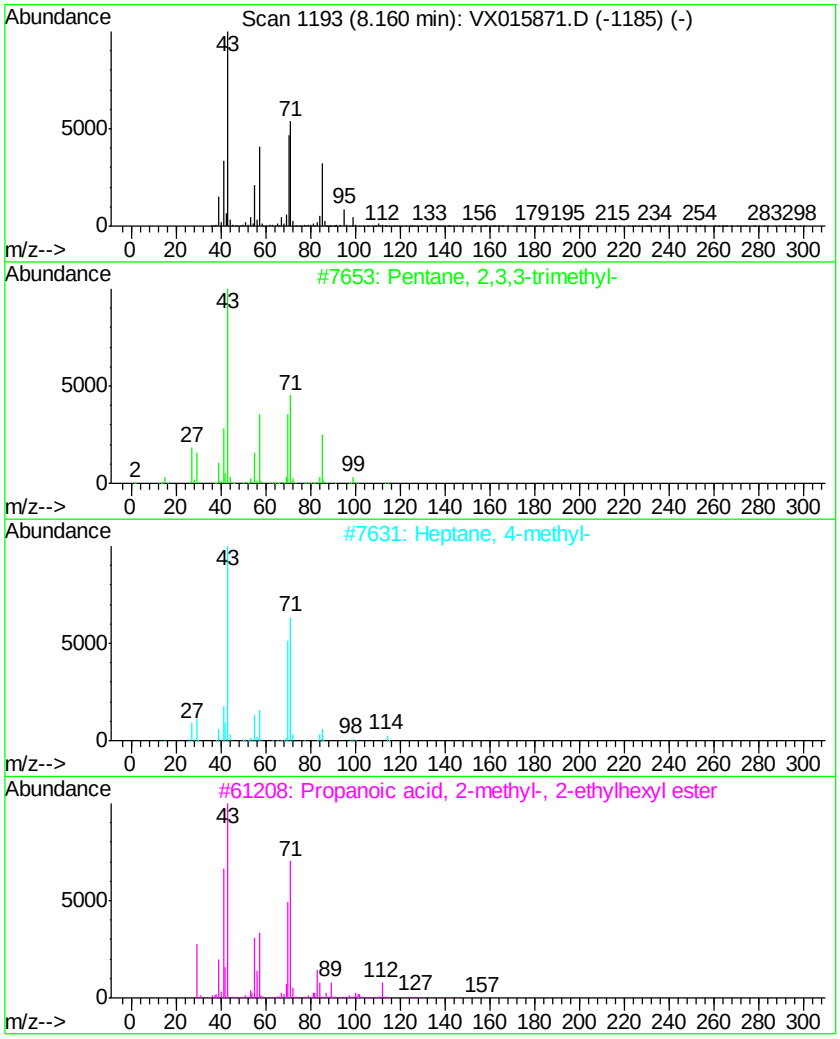
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

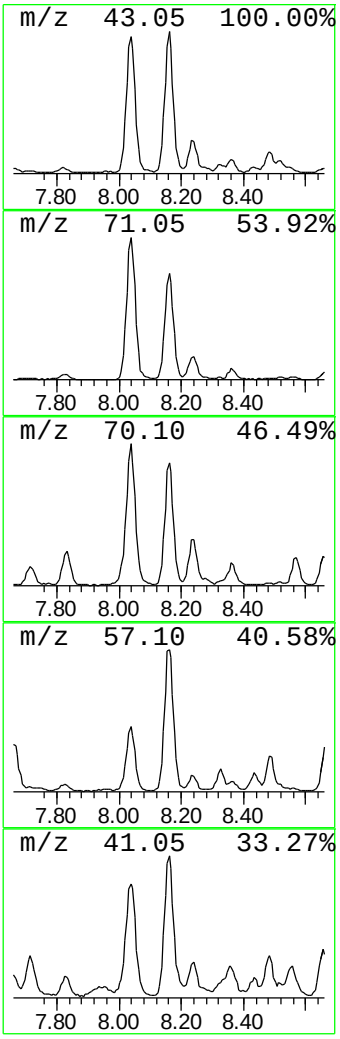
****

Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	27.26 ug/l	1882570	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	86
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	59
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
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 : VX015871.D
Acq On : 23 Apr 2020 03:58
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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

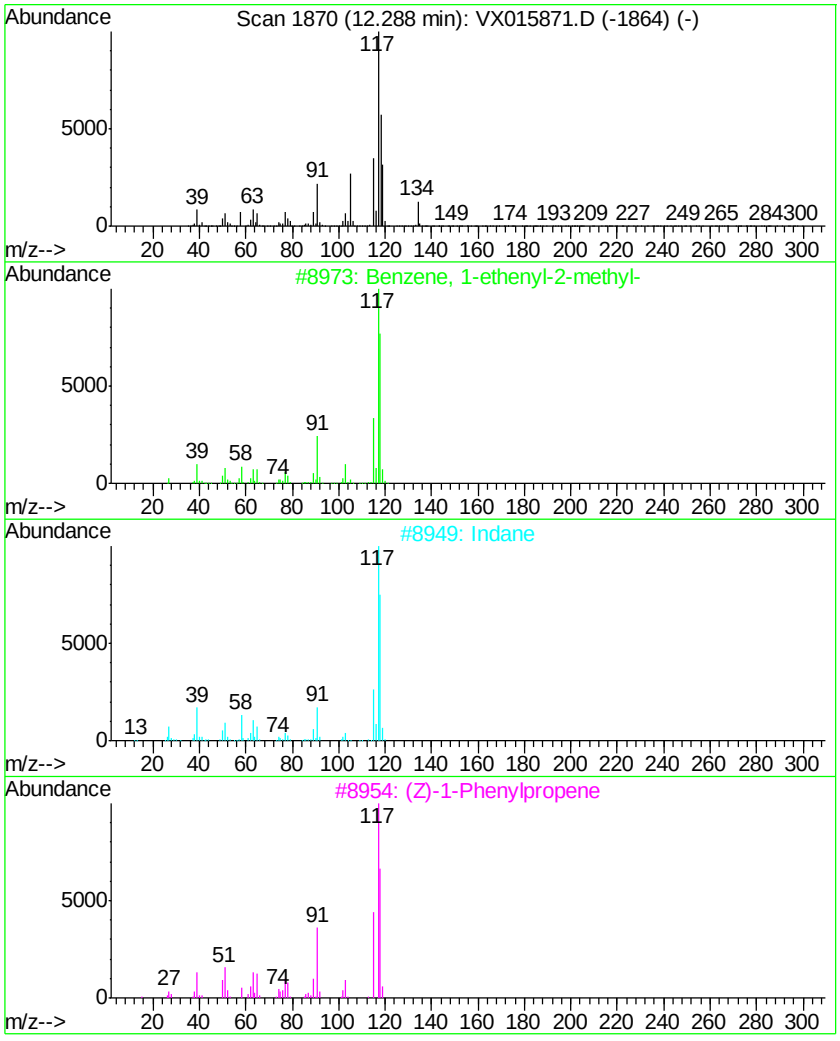
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

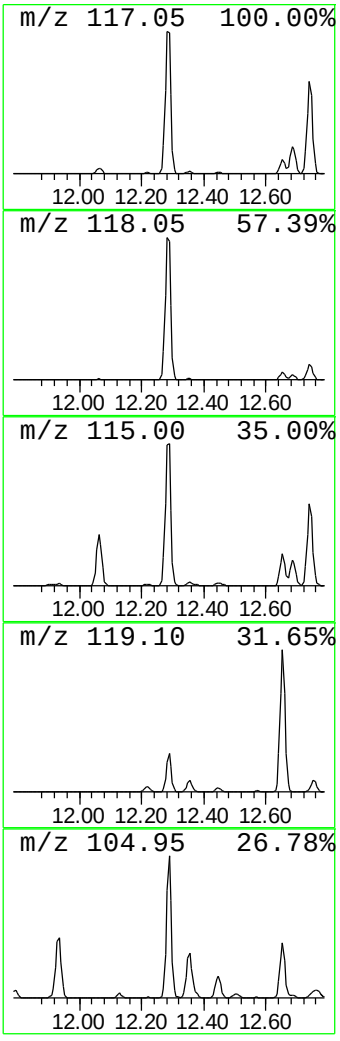
****

Peak Number 4 Benzene, 1-ethenyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	167.24 ug/l	15539900	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	Indane	118	C9H10	000496-11-7	70
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015871.D
Acq On : 23 Apr 2020 03:58
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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

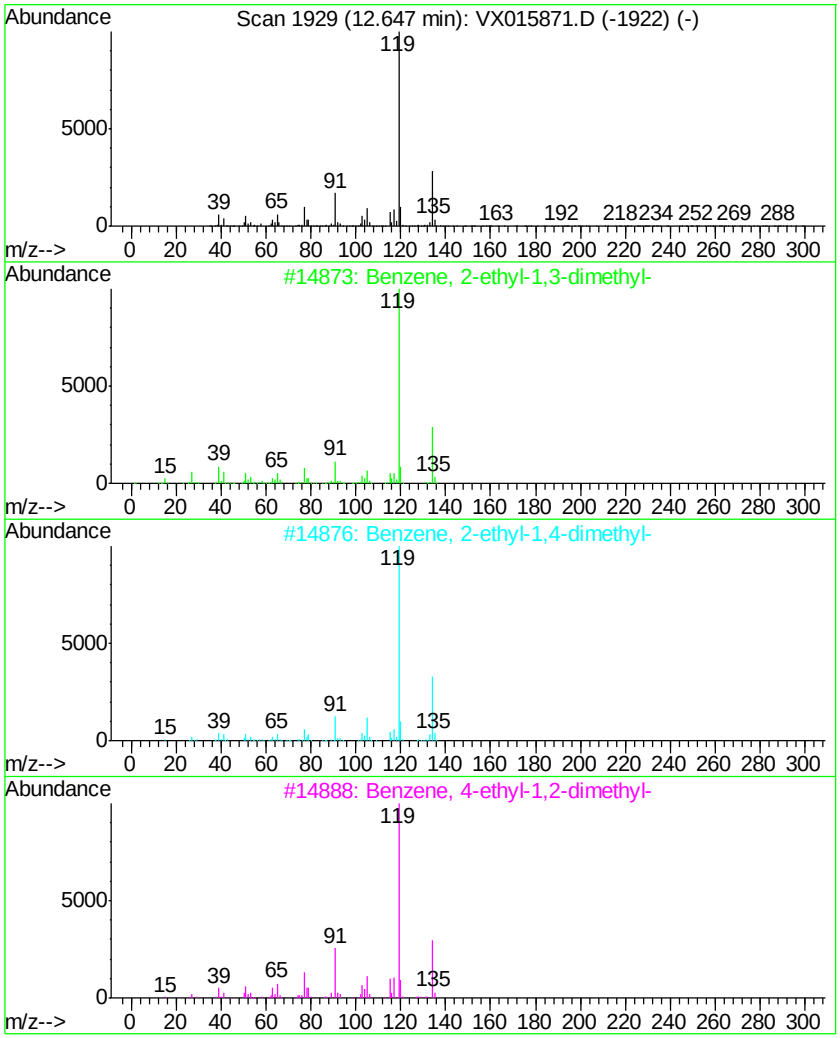
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

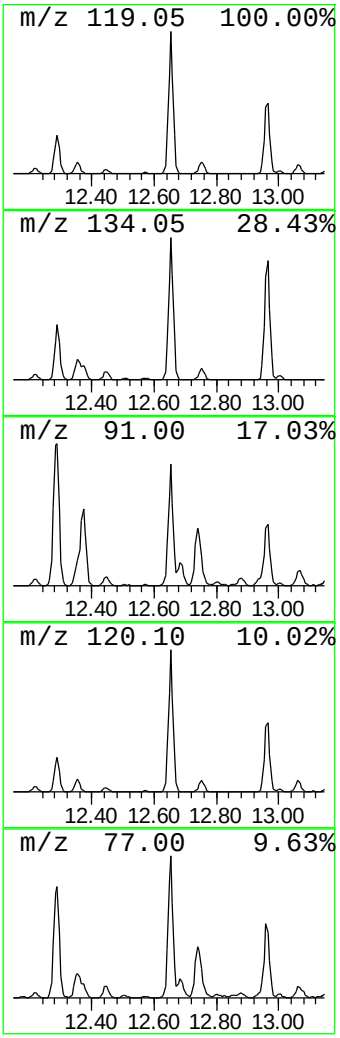
****

Peak Number 5 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	110.06 ug/l	10227000	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015871.D
Acq On : 23 Apr 2020 03:58
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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

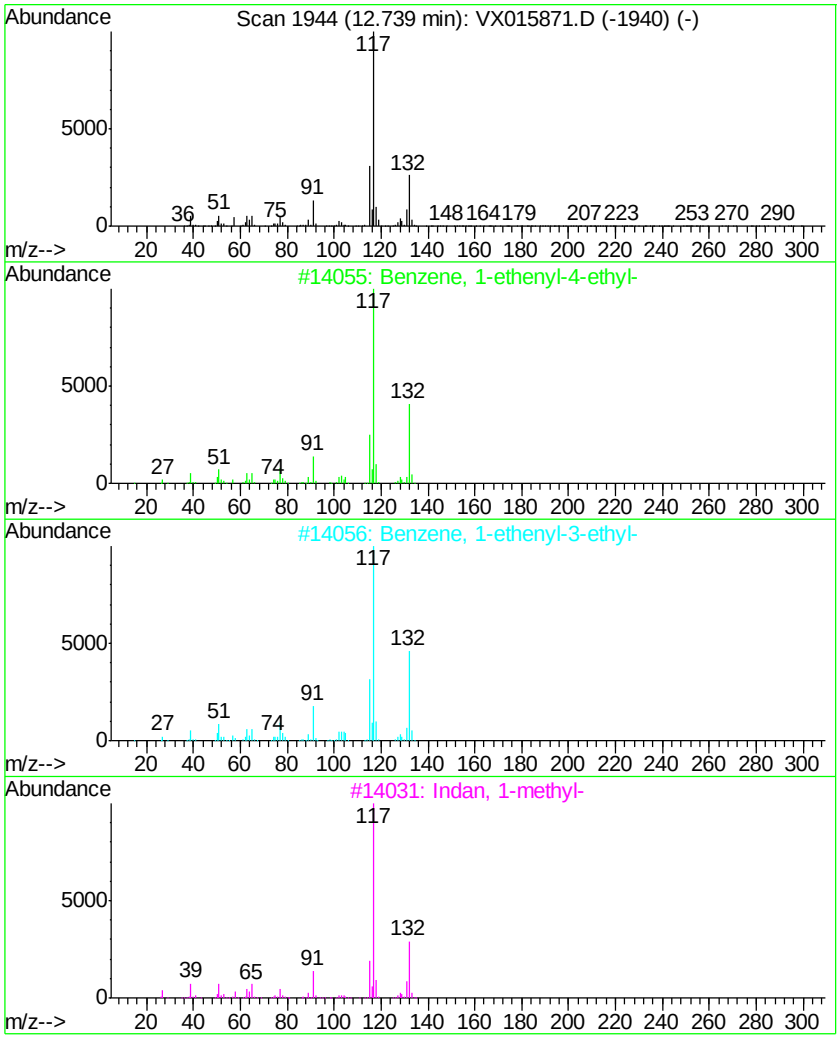
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

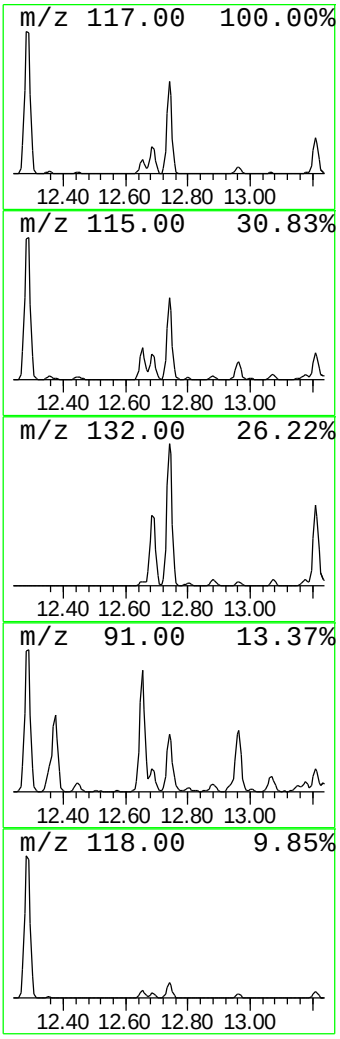
****

Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	78.46 ug/l	7290410	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015871.D
Acq On : 23 Apr 2020 03:58
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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

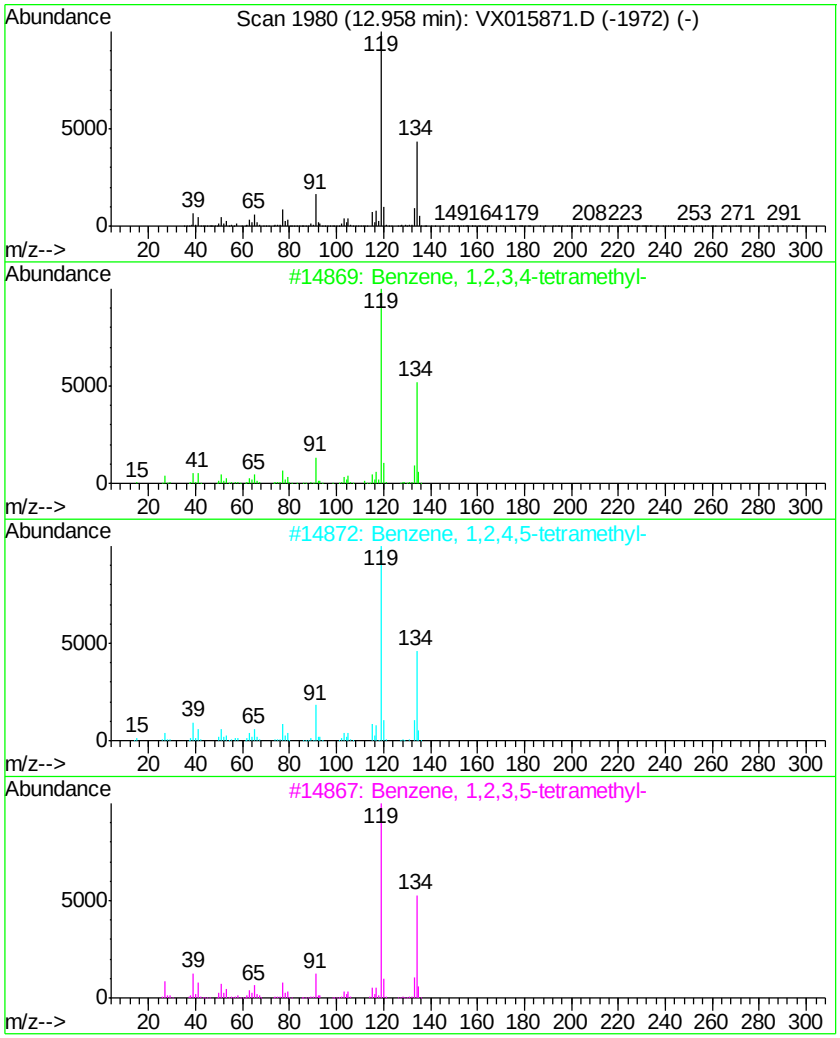
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

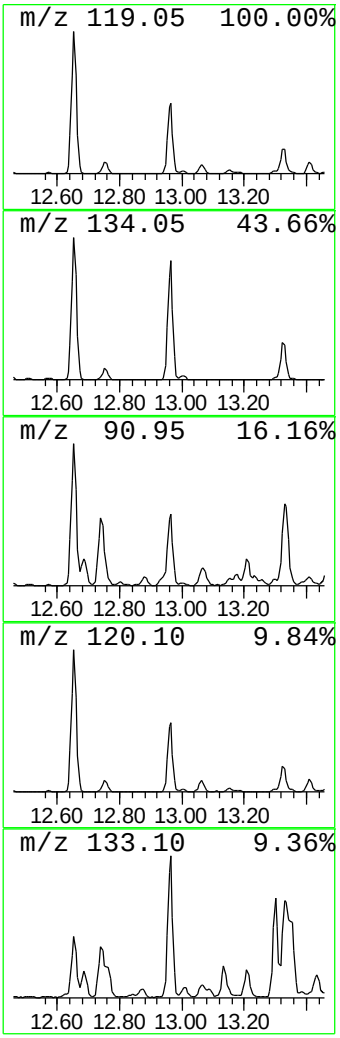
****

Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	68.70 ug/l	6383890	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	95
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015871.D
Acq On : 23 Apr 2020 03:58
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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

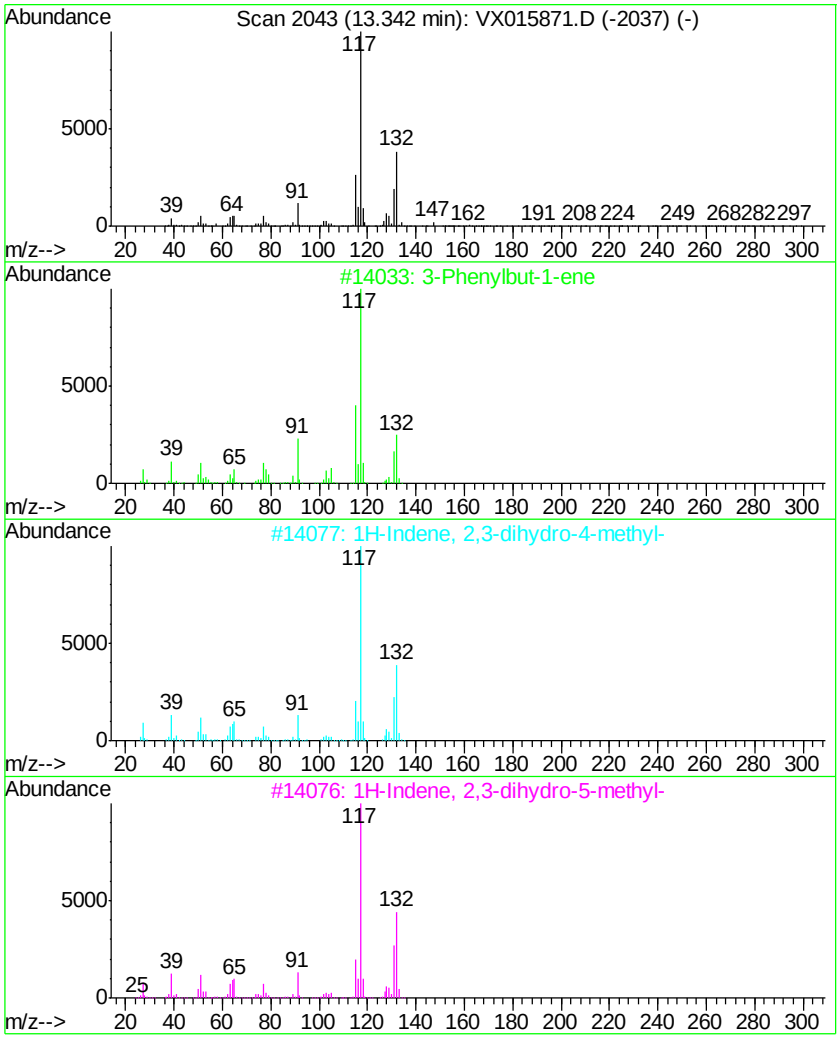
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

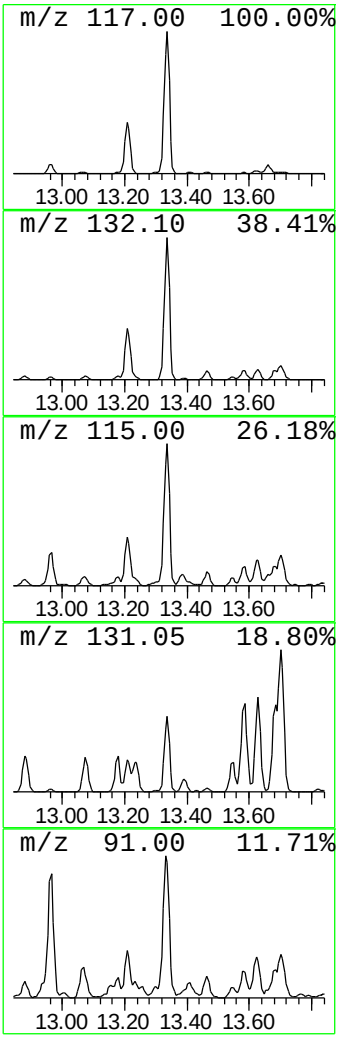
****

Peak Number 8 3-Phenylbut-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	107.45 ug/l	9984330	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
5	Indan, 1-methyl-	132	C10H12	000767-58-8	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015871.D
Acq On : 23 Apr 2020 03:58
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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

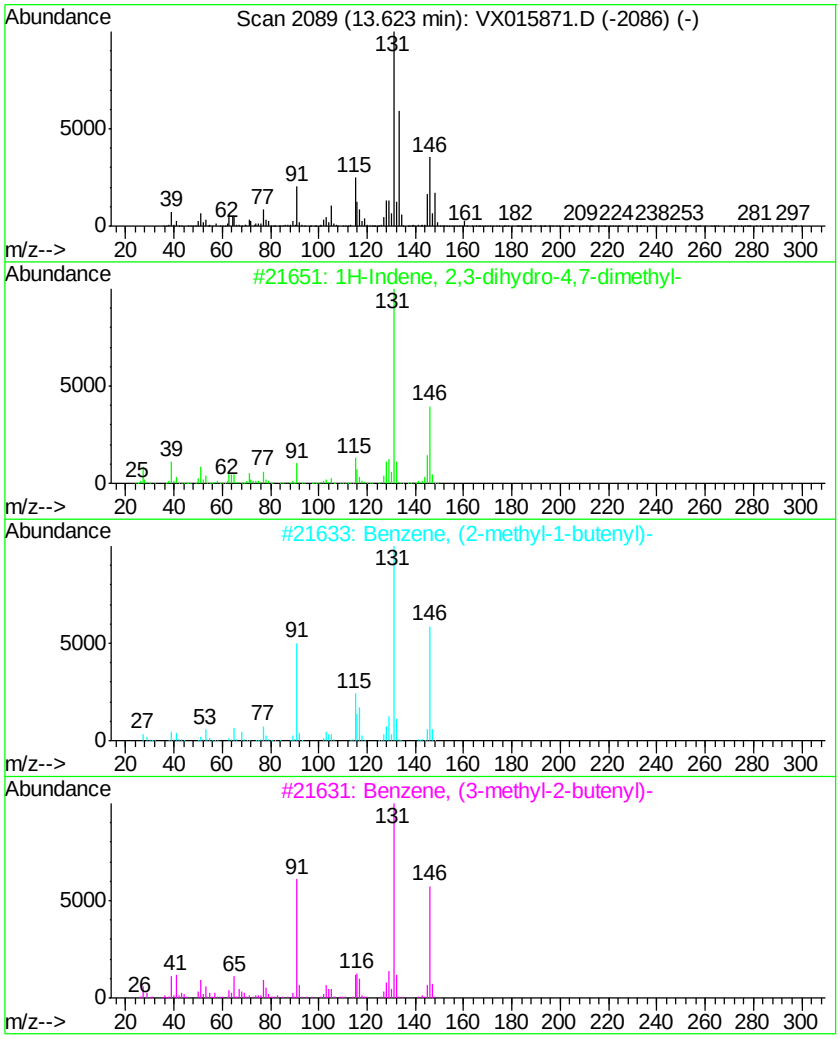
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

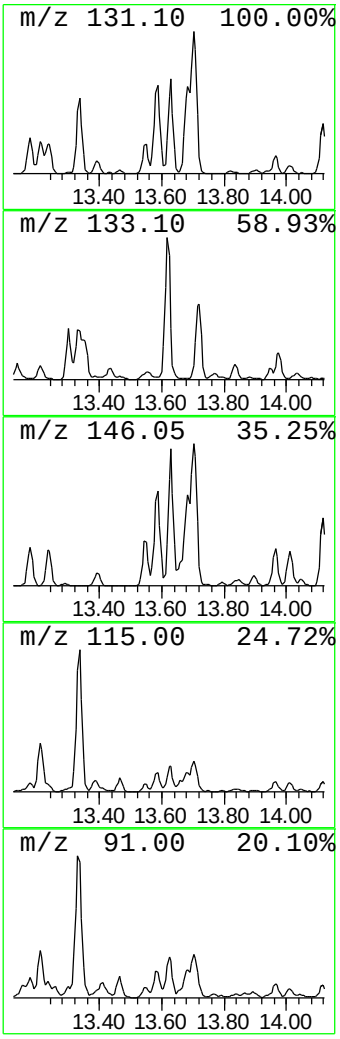
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	30.95 ug/l	2875970	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	92
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015871.D
Acq On : 23 Apr 2020 03:58
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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

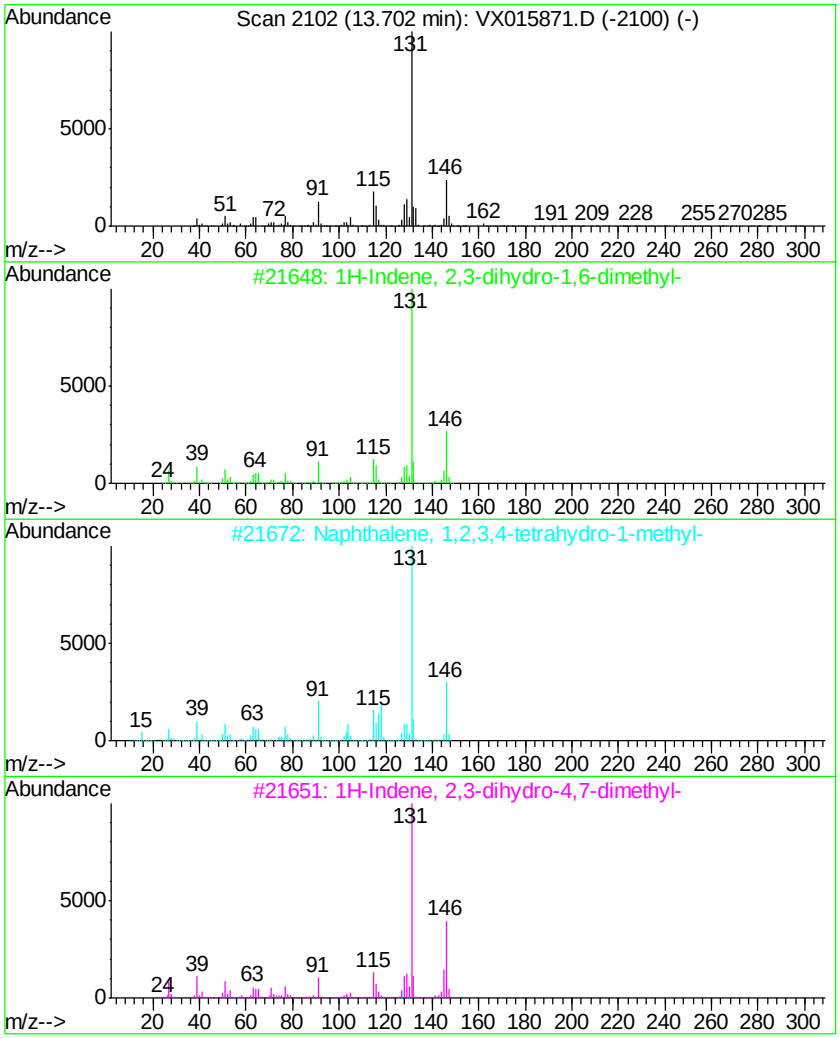
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

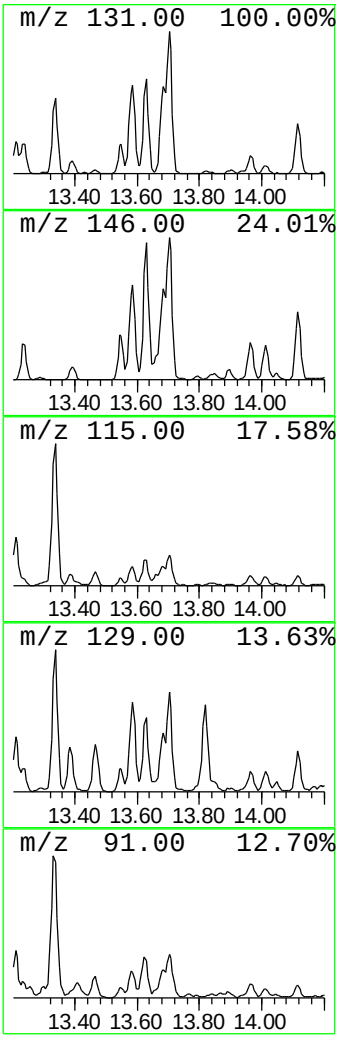
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	31.22 ug/l	2900560	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	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015871.D
Acq On : 23 Apr 2020 03:58
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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
Pentane, 2,2,4-tr...	6.33	59.8	ug/l	4125800	2	6.84	3452480	50.0
Pentane, 2,3,3-tr...	8.16	27.3	ug/l	1882570	2	6.84	3452480	50.0
Benzene, 1-etheny...	12.29	167.2	ug/l	15539900	4	12.06	4646030	50.0
Benzene, 2-ethyl-...	12.65	110.1	ug/l	10227000	4	12.06	4646030	50.0
Benzene, 1-etheny...	12.74	78.5	ug/l	7290410	4	12.06	4646030	50.0
Benzene, 1,2,3,4-...	12.96	68.7	ug/l	6383890	4	12.06	4646030	50.0
3-Phenylbut-1-ene	13.34	107.5	ug/l	9984330	4	12.06	4646030	50.0
1H-Indene, 2,3-di...	13.62	30.9	ug/l	2875970	4	12.06	4646030	50.0
1H-Indene, 2,3-di...	13.70	31.2	ug/l	2900560	4	12.06	4646030	50.0