LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015892.D
Acq On : 23 Apr 2020 15:53
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 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	82	rBV	18209931	57938789	100.00%	30.848%
2	3.161	363	373	385	rBV3	497254	1281615	2.21%	0.682%
3	4.380	565	573	582	rVB	222094	628191	1.08%	0.334%
4	5.466	741	751	759	rBV	443533	1295621	2.24%	0.690%
5	5.636	771	779	785	rVV	831985	2548600	4.40%	1.357%
6	5.703	785	790	805	rVB	544633	1584158	2.73%	0.843%
7	5.904	813	823	835	rBV2	271643	822684	1.42%	0.438%
8	6.033	835	844	852	rVV	485120	1263135	2.18%	0.673%
9	6.240	869	878	882	rVV	234992	691557	1.19%	0.368%
10	6.325	883	892	903	rVV	1574999	4922302	8.50%	2.621%
11	6.837	965	976	984	rBV	1238986	3137633	5.42%	1.671%
12	7.435	1065	1074	1085	rVB3	524918	1500679	2.59%	0.799%
13	8.038	1164	1173	1184	rVB	830964	1773139	3.06%	0.944%
14	8.160	1184	1193	1201	rBV	979248	2072760	3.58%	1.104%
15	8.697	1276	1281	1289	rVB	2691214	4283528	7.39%	2.281%
16	9.209	1360	1365	1375	rVB	542705	913321	1.58%	0.486%
17	10.099	1506	1511	1516	rBV	2768964	3636158	6.28%	1.936%
18	11.001	1654	1659	1665	rBV	4182887	5342415	9.22%	2.844%
19	11.123	1674	1679	1684	rBV	2646874	3206867	5.53%	1.707%
20	11.343	1710	1715	1724	rVB	7105306	8945234	15.44%	4.763%
21	11.653	1757	1766	1774	rBV	940726	1201539	2.07%	0.640%
22	11.903	1802	1807	1810	rBV	776015	1180651	2.04%	0.629%
23	11.934	1810	1812	1817	rVB	738966	763504	1.32%	0.407%
24	12.062	1828	1833	1840	rBV	3501406	4348463	7.51%	2.315%
25	12.287	1864	1870	1876	rBV	11162770	14133144	24.39%	7.525%
26	12.355	1876	1881	1883	rBV	1247306	1693524	2.92%	0.902%
27	12.446	1891	1896	1902	rBV	527197	655988	1.13%	0.349%
28	12.653	1920	1930	1933	rBV	8208597	9439914	16.29%	5.026%
29	12.684	1933	1935	1940	rVB	1800917	2072828	3.58%	1.104%
30	12.739	1940	1944	1951	rVB2	5153237	6760733	11.67%	3.600%
31	12.879	1960	1967	1973	rVB2	445938	709293	1.22%	0.378%
32	12.964	1973	1981	1985	rBV	4587112	5865945	10.12%	3.123%
33	13.068	1993	1998	2003	rBV2	751740	1218410	2.10%	0.649%
34	13.208	2018	2021	2025	rBV	1958789	2223126	3.84%	1.184%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015892.D
Acq On : 23 Apr 2020 15:53
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 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	13.336	2037	2042	2047	rVV2	6555802	9117564	15.74%	4.854%
36	13.409	2052	2054	2059	rVV	506956	594004	1.03%	0.316%
37	13.464	2059	2063	2071	rVB	626230	829383	1.43%	0.442%
38	13.549	2071	2077	2079	rBV	476638	667605	1.15%	0.355%
39	13.586	2079	2083	2086	rVV	1130218	1612950	2.78%	0.859%
40	13.623	2086	2089	2093	rVV2	1731093	2470464	4.26%	1.315%
41	13.684	2093	2099	2100	rVV2	1082456	1640154	2.83%	0.873%
42	13.702	2100	2102	2110	rVB2	1879775	2598829	4.49%	1.384%
43	13.818	2114	2121	2131	rBV	1231828	1745218	3.01%	0.929%
44	13.964	2138	2145	2149	rBV2	591784	932129	1.61%	0.496%
45	14.013	2149	2153	2156	rVV	478408	634209	1.09%	0.338%
46	14.116	2165	2170	2174	rBV	697224	827620	1.43%	0.441%
47	14.257	2188	2193	2198	rBV	809967	1250815	2.16%	0.666%
48	14.415	2215	2219	2223	rVB	515427	634707	1.10%	0.338%
49	14.677	2255	2262	2267	rBV	1026978	1338233	2.31%	0.713%
50	14.824	2281	2286	2290	rBV	663196	868990	1.50%	0.463%

Sum of corrected areas: 187818322

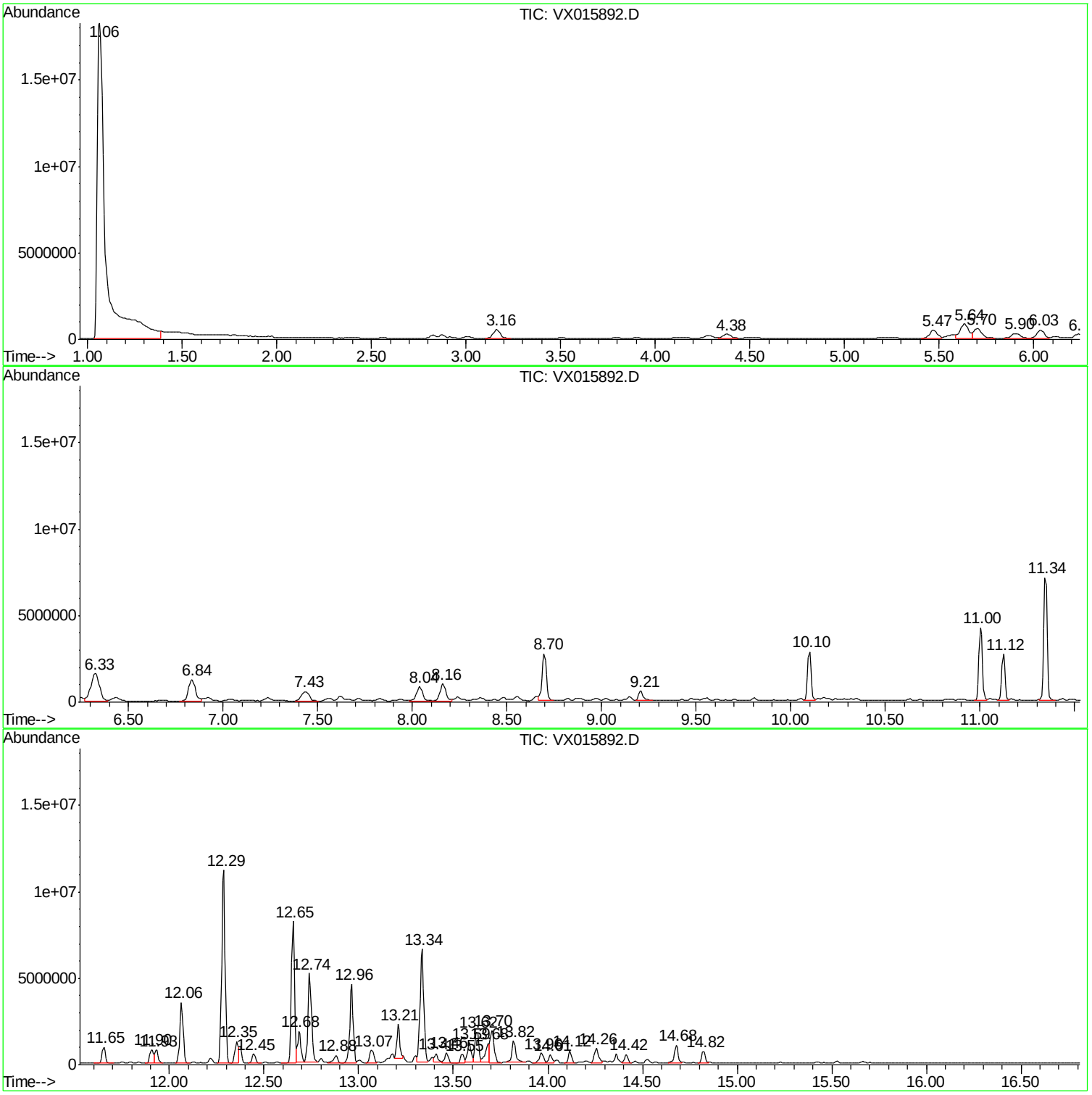
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015892.D
Acq On : 23 Apr 2020 15:53
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 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\VX042320\
Data File : VX015892.D
Acq On : 23 Apr 2020 15:53
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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

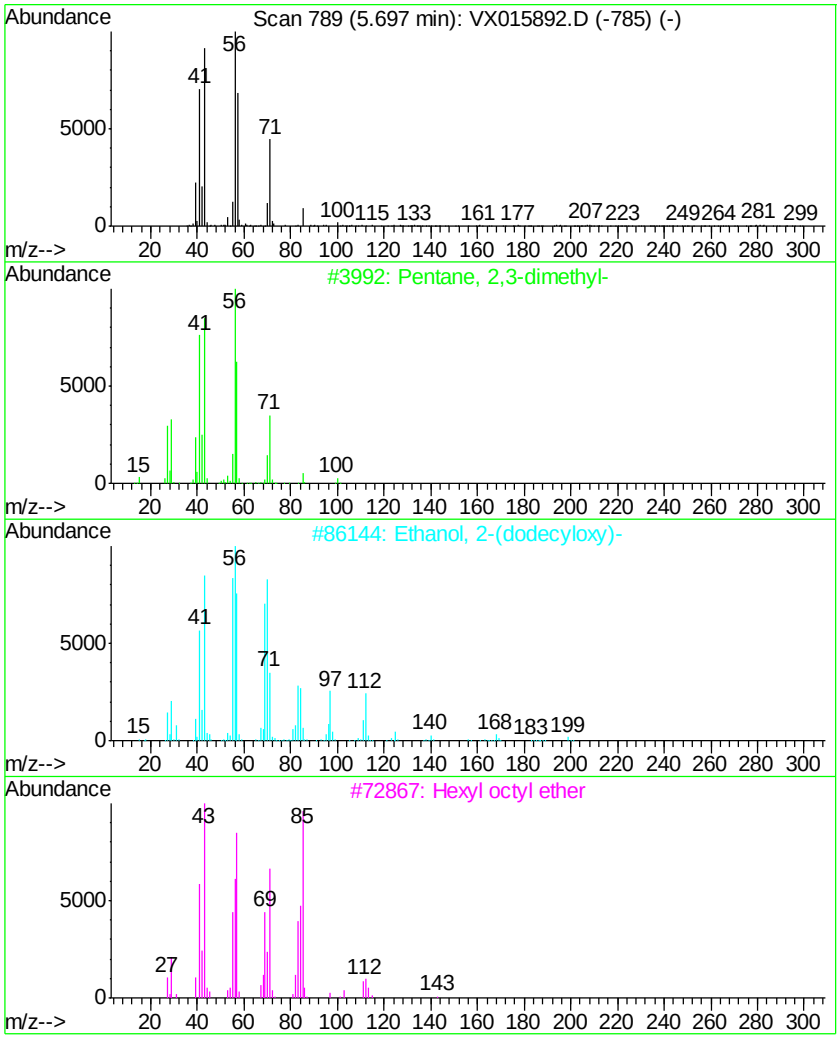
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

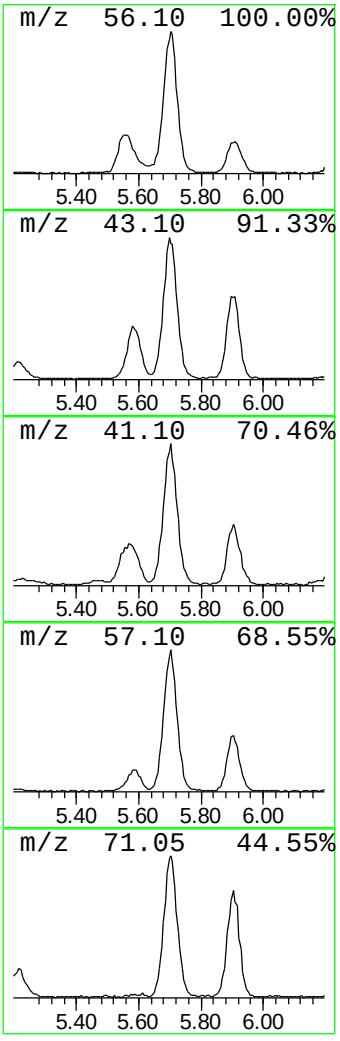
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	31.08 ug/l	1584160	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	64
3	Hexyl octyl ether	214	C14H30O	017071-54-4	59
4	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	47
5	1,4-Dioxaspiro[2.4]heptan-5-one,...	142	C7H10O3	126091-79-0	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015892.D
Acq On : 23 Apr 2020 15:53
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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

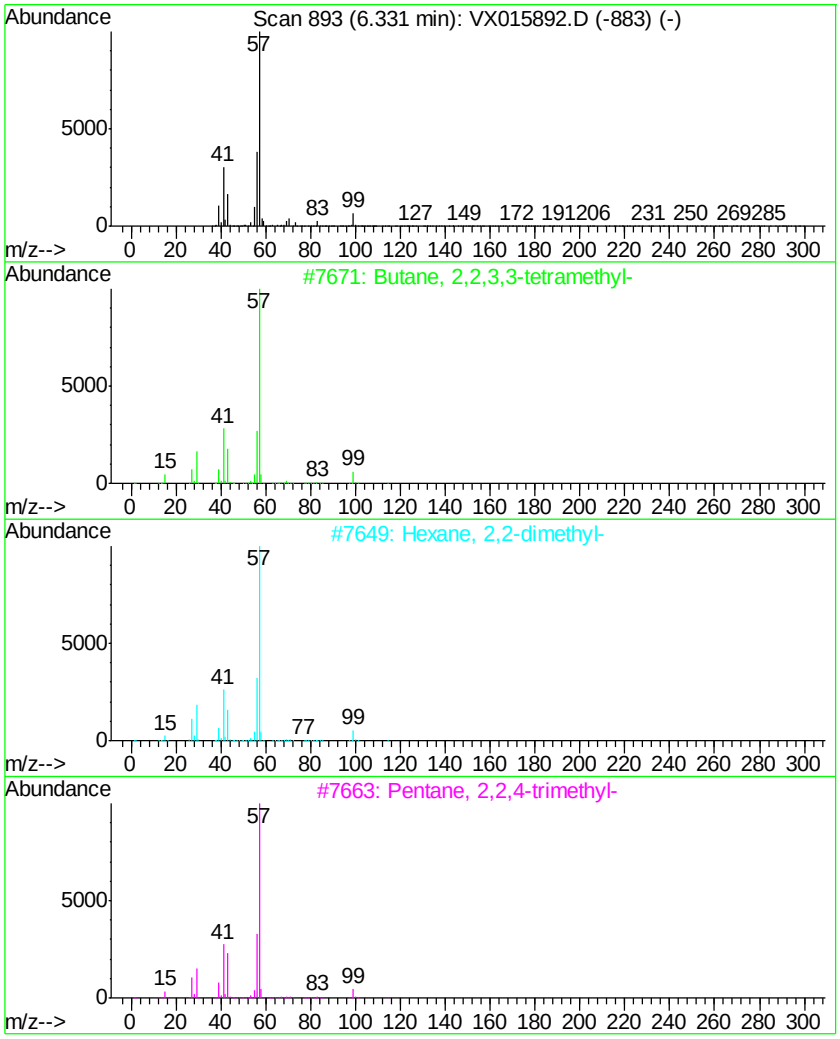
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

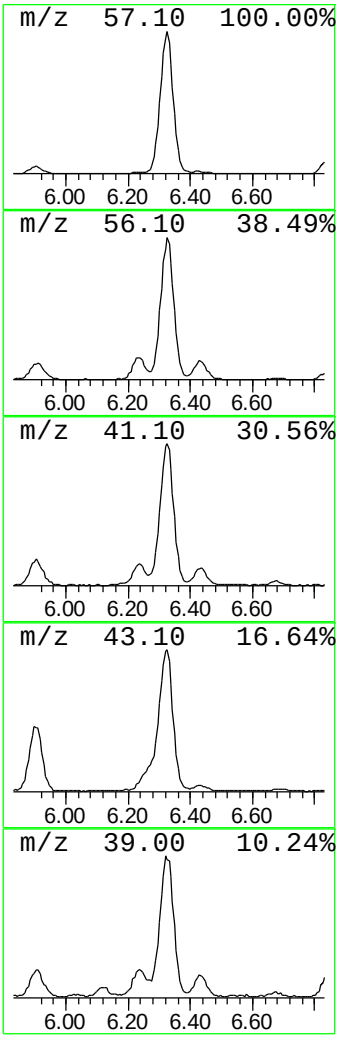
****

Peak Number 3 Butane, 2,2,3,3-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	78.44 ug/l	4922300	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	64
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015892.D
Acq On : 23 Apr 2020 15:53
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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

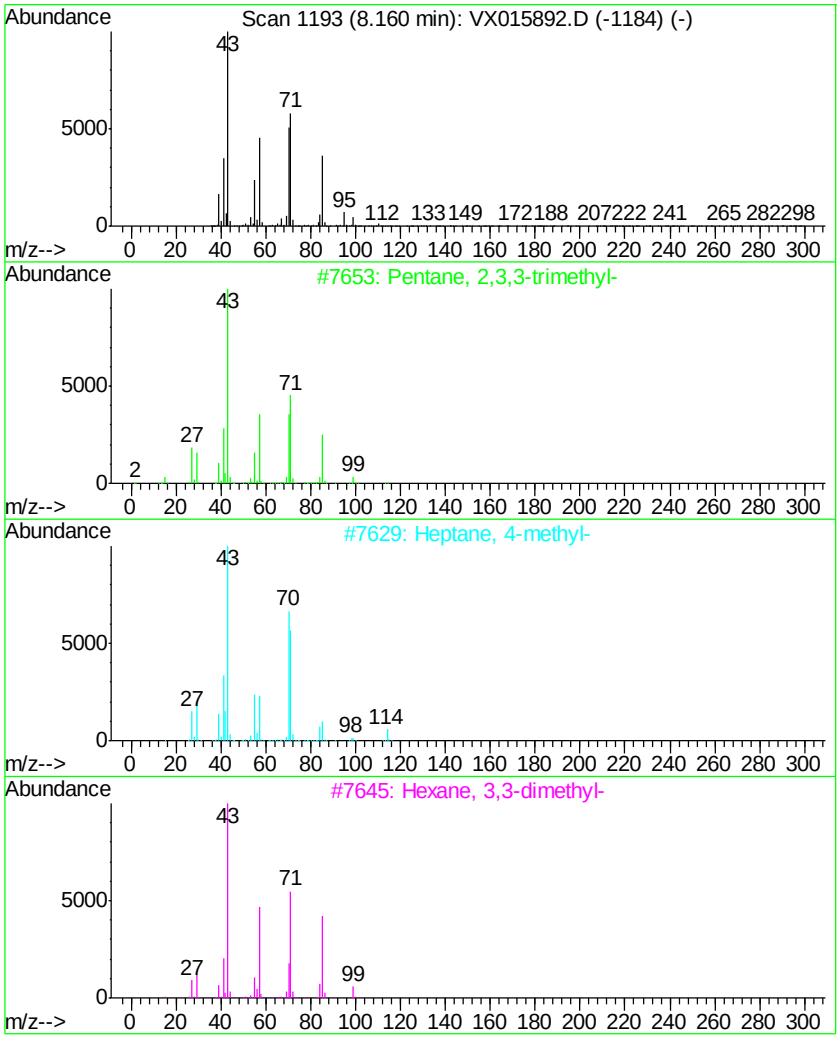
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

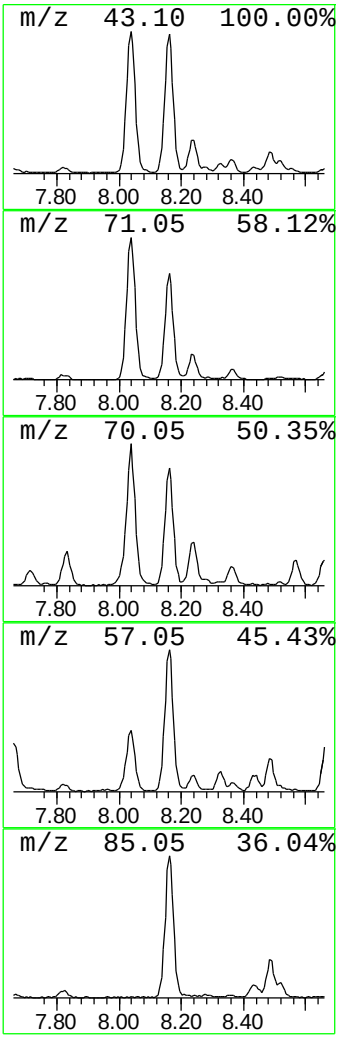
****

Peak Number 4 Pentane, 2,3,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	33.03 ug/l	2072760	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	83
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	59
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015892.D
Acq On : 23 Apr 2020 15:53
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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

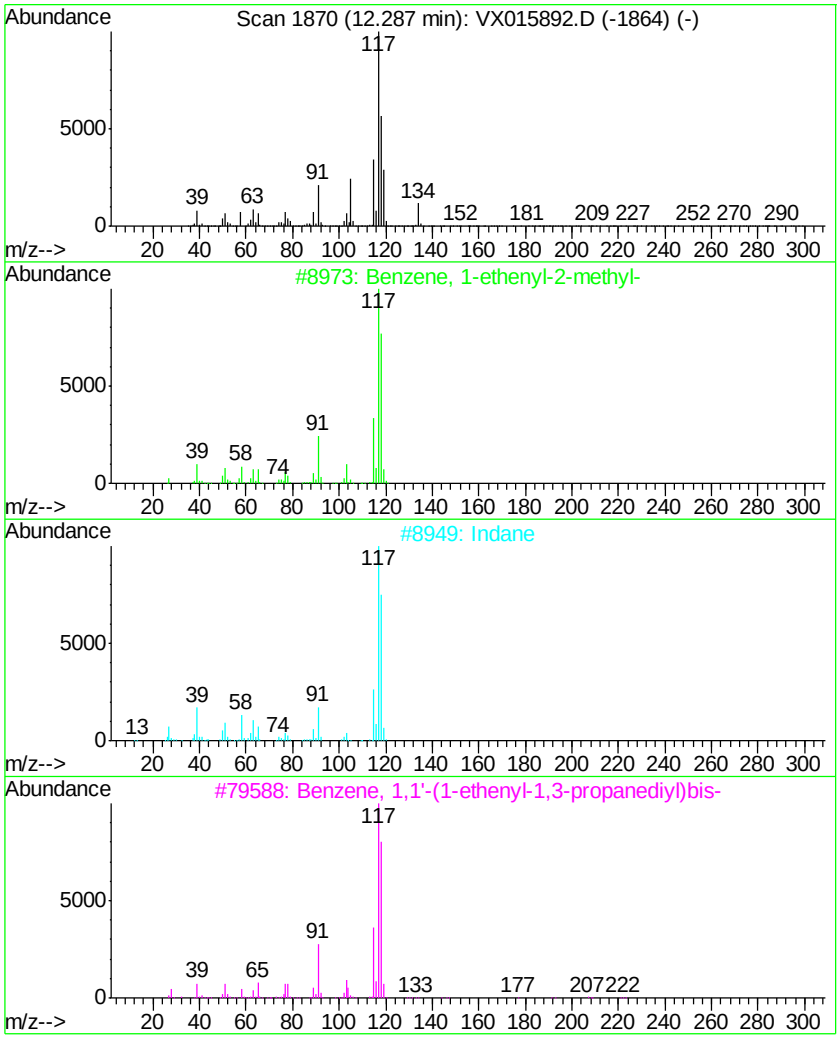
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

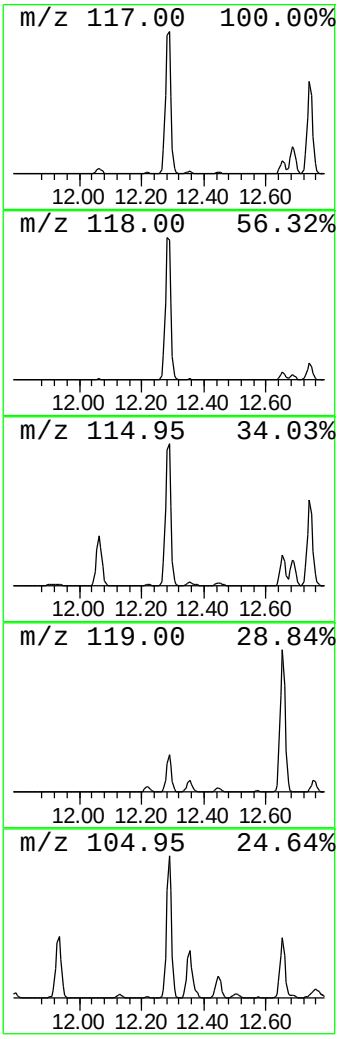
****

Peak Number 5 Benzene, 1-ethenyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	162.51 ug/l	14133100	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	64
3	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015892.D
Acq On : 23 Apr 2020 15:53
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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

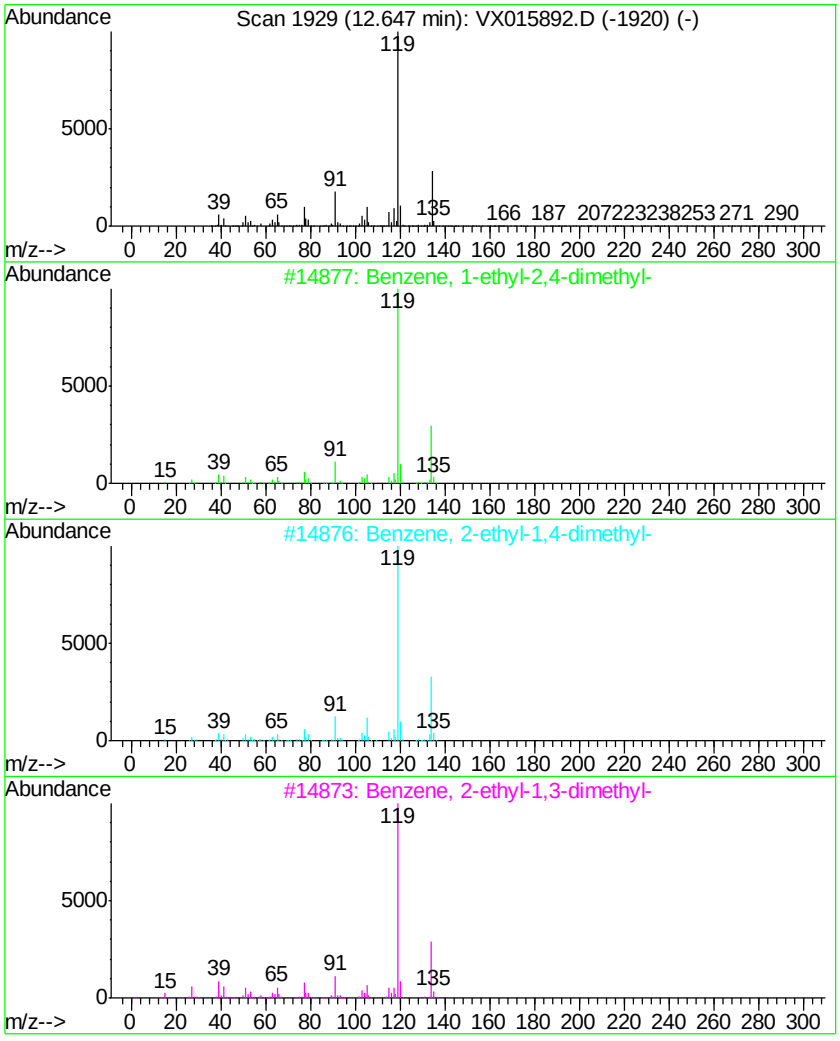
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

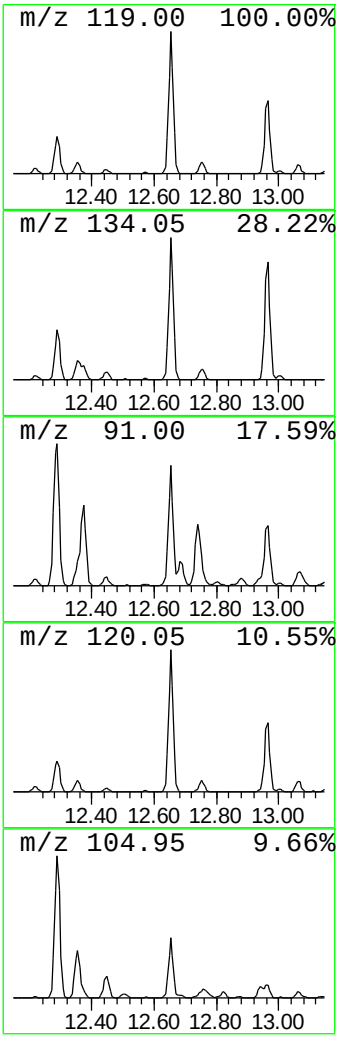
****

Peak Number 6 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	108.54 ug/l	9439910	1,4-Dichlorobenzene-d4	12.06

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	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015892.D
Acq On : 23 Apr 2020 15:53
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

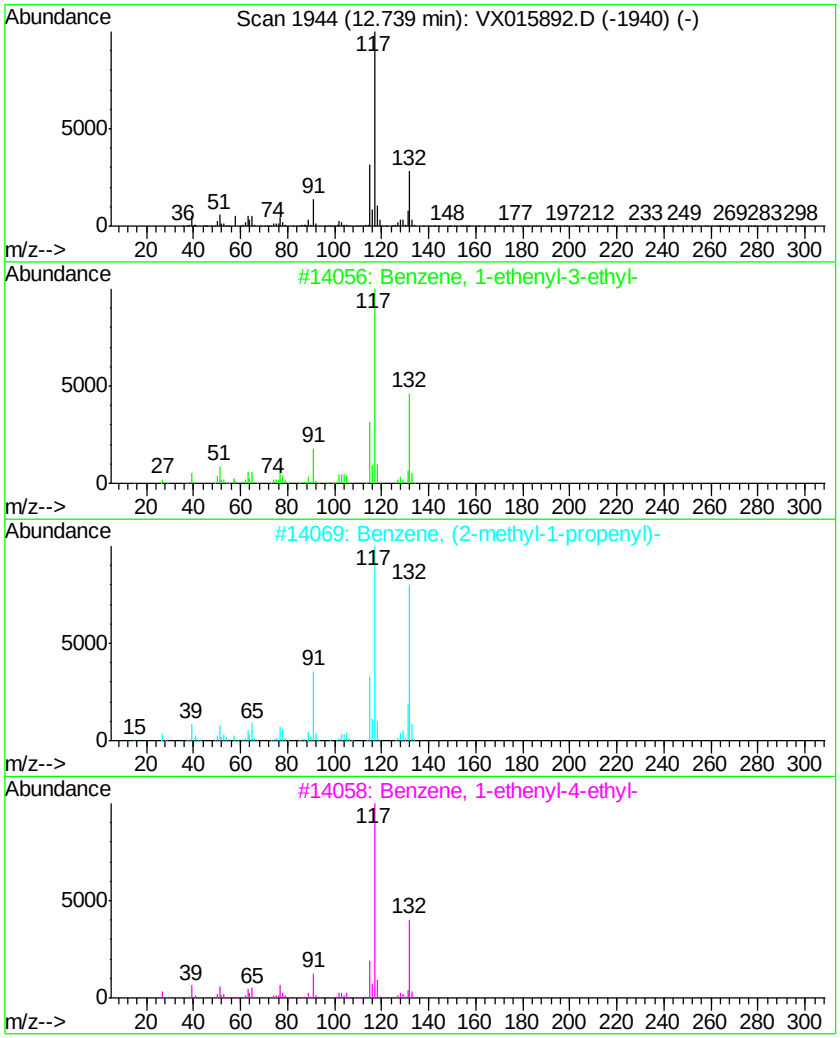
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

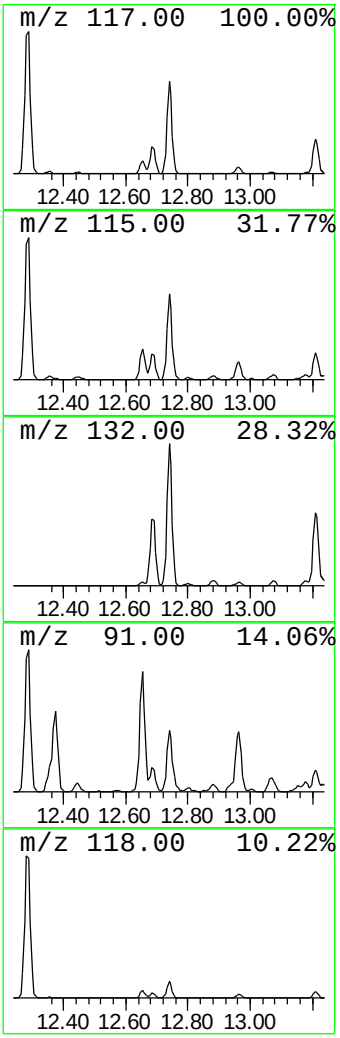
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	77.74 ug/l	6760730	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	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015892.D
Acq On : 23 Apr 2020 15:53
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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

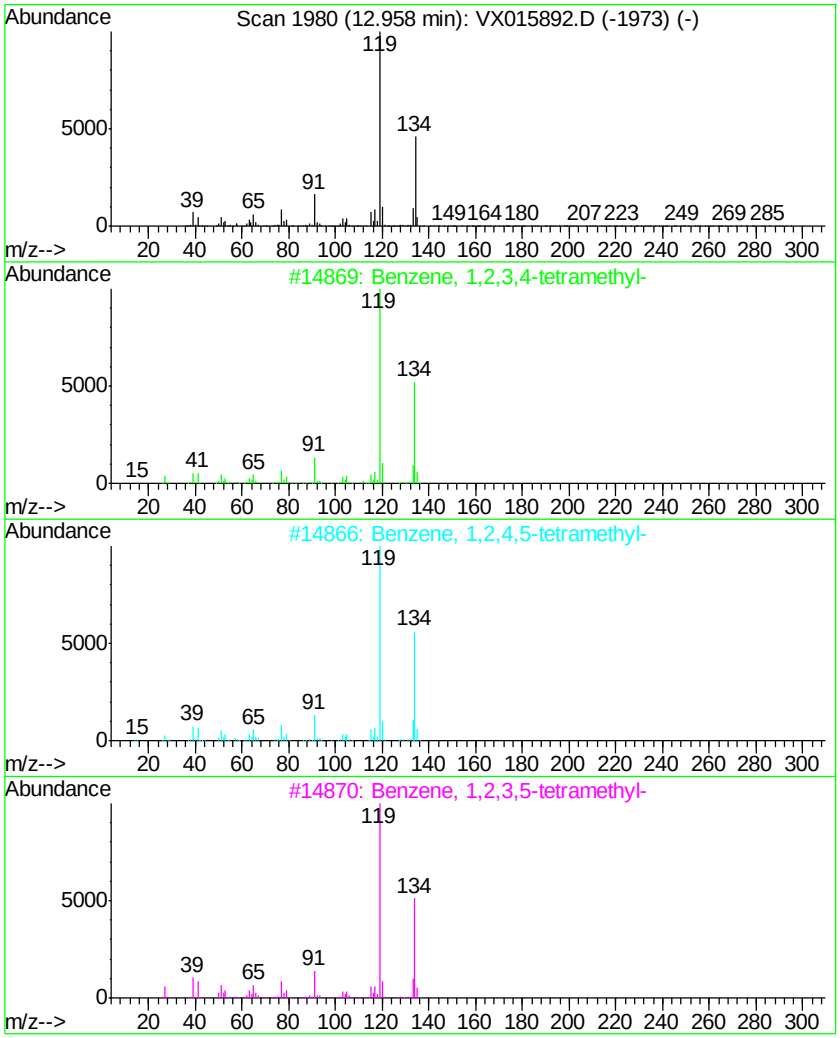
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

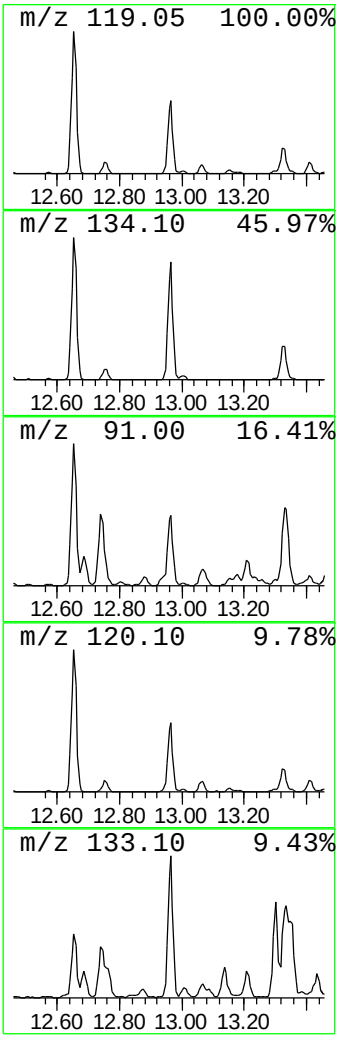
****

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	67.45 ug/l	5865950	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	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015892.D
Acq On : 23 Apr 2020 15:53
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

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

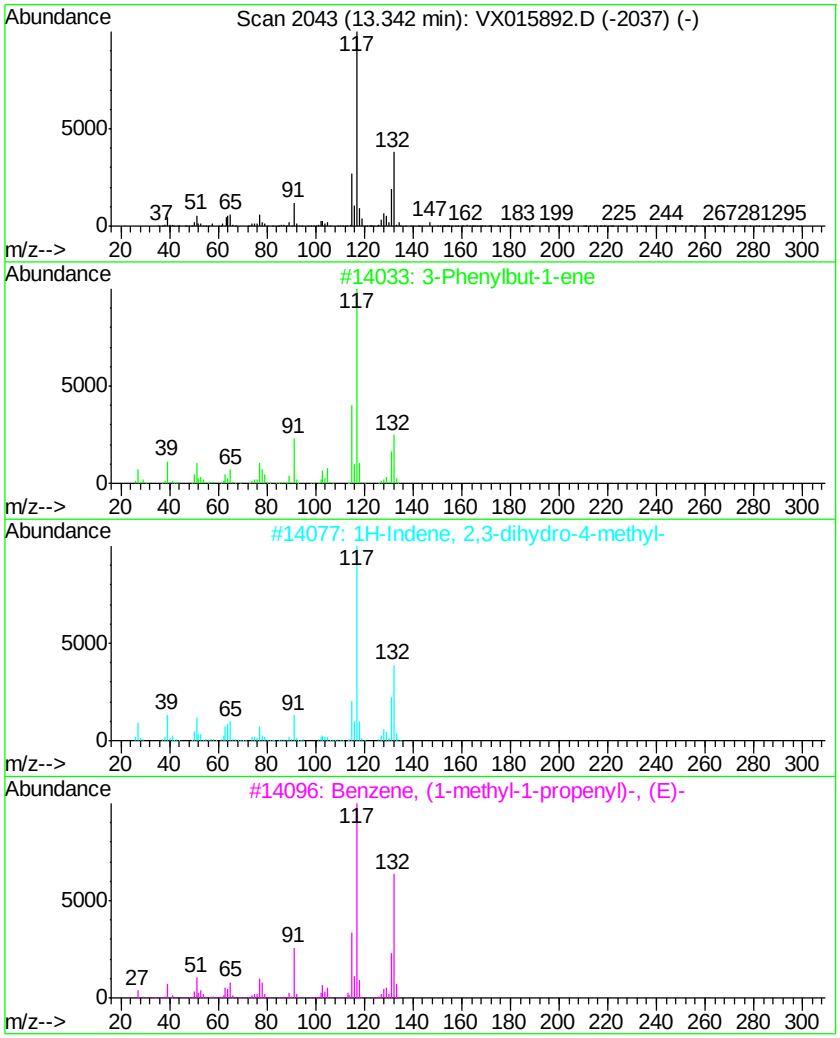
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

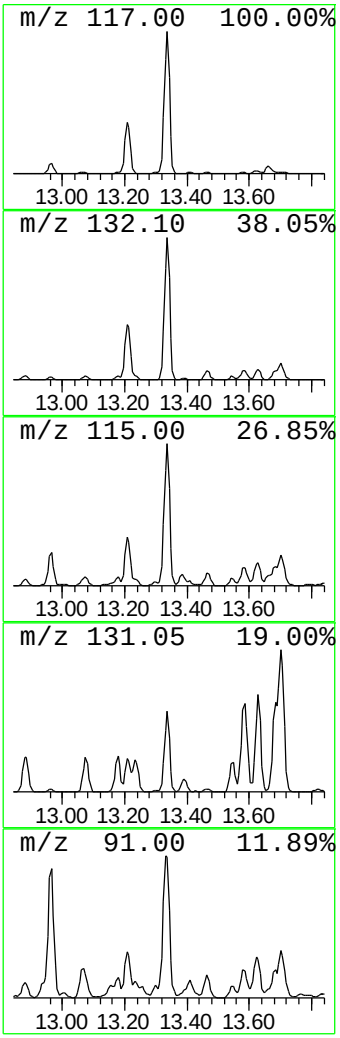
****

Peak Number 9 3-Phenylbut-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	104.84 ug/l	9117560	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	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015892.D
Acq On : 23 Apr 2020 15:53
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421-FD

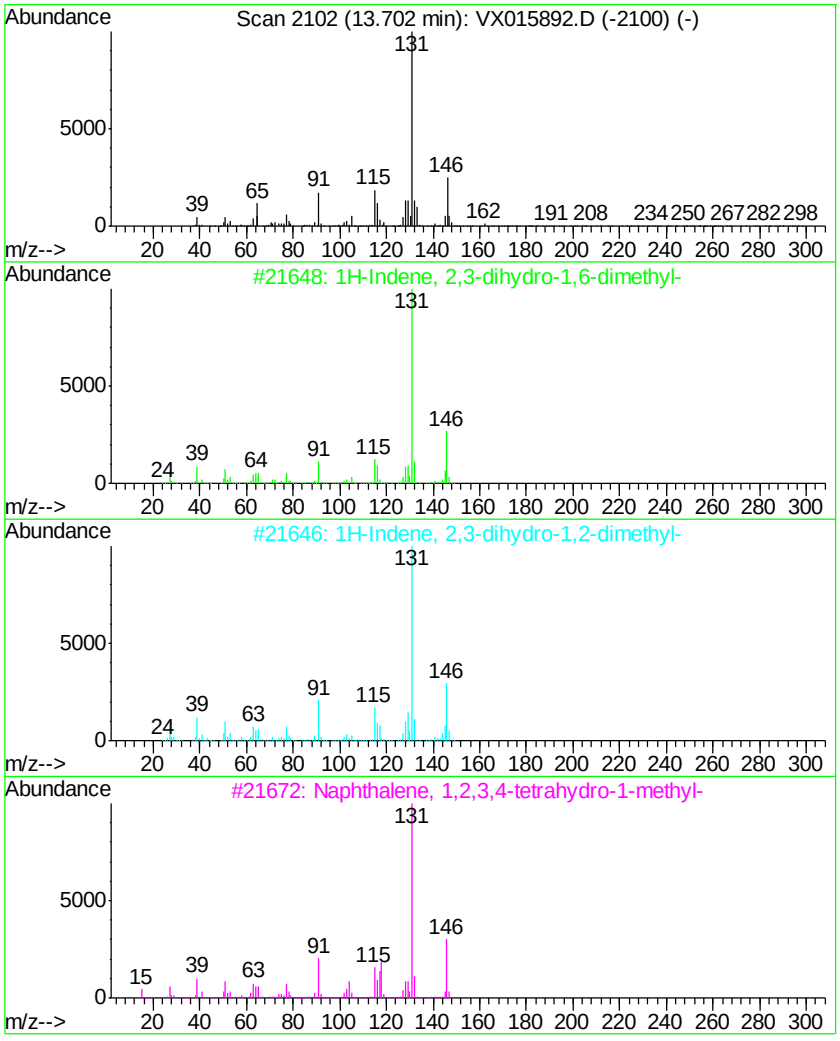
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

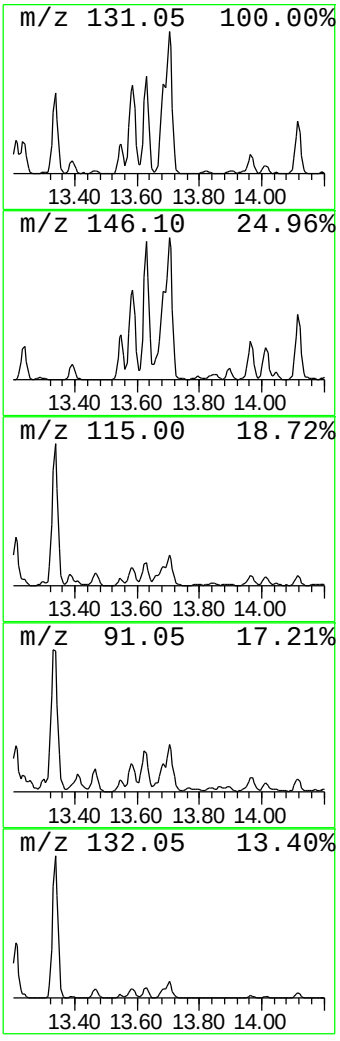
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	29.88 ug/l	2598830	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	93
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015892.D
Acq On : 23 Apr 2020 15:53
Operator : JC/SP
Sample : L2380-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 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, 2,3-dime...	5.70	31.1	ug/l	1584160	1	5.64	2548600	50.0
Butane, 2,2,3,3-t...	6.33	78.4	ug/l	4922300	2	6.84	3137630	50.0
Pentane, 2,3,3-tr...	8.16	33.0	ug/l	2072760	2	6.84	3137630	50.0
Benzene, 1-etheny...	12.29	162.5	ug/l	14133100	4	12.06	4348460	50.0
Benzene, 1-ethyl-...	12.65	108.5	ug/l	9439910	4	12.06	4348460	50.0
Benzene, 1-etheny...	12.74	77.7	ug/l	6760730	4	12.06	4348460	50.0
Benzene, 1,2,3,4-...	12.96	67.5	ug/l	5865950	4	12.06	4348460	50.0
3-Phenylbut-1-ene	13.34	104.8	ug/l	9117560	4	12.06	4348460	50.0
1H-Indene, 2,3-di...	13.70	29.9	ug/l	2598830	4	12.06	4348460	50.0