LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015866.D
Acq On : 23 Apr 2020 02:04
Operator : JC/SP
Sample : L2380-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421

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	54	rBV2	18465417	56044975	100.00%	28.257%
2	3.161	364	373	387	rVB3	620025	1623167	2.90%	0.818%
3	4.289	545	558	565	rBV	211688	628805	1.12%	0.317%
4	4.380	565	573	582	rVB	297914	862704	1.54%	0.435%
5	5.471	741	752	760	rBV2	529522	1513076	2.70%	0.763%
6	5.636	760	779	785	rVV	952556	3801594	6.78%	1.917%
7	5.703	785	790	806	rVB2	730249	2169548	3.87%	1.094%
8	5.904	814	823	834	rBV2	366777	1128130	2.01%	0.569%
9	6.038	836	845	852	rVV	566391	1469752	2.62%	0.741%
10	6.240	869	878	883	rVV	322252	1019378	1.82%	0.514%
11	6.325	883	892	903	rVV	2002248	6302710	11.25%	3.178%
12	6.435	903	910	923	rVB3	250396	720520	1.29%	0.363%
13	6.837	965	976	984	rBV	1467534	3619831	6.46%	1.825%
14	7.434	1063	1074	1084	rBV4	697938	2026036	3.62%	1.021%
15	8.038	1164	1173	1185	rVB	1037941	2209896	3.94%	1.114%
16	8.160	1185	1193	1202	rBV2	1220985	2645003	4.72%	1.334%
17	8.556	1253	1258	1266	rVB2	268766	595090	1.06%	0.300%
18	8.654	1266	1274	1276	rBV3	322953	569419	1.02%	0.287%
19	8.696	1276	1281	1289	rVB	3089851	4978133	8.88%	2.510%
20	9.208	1360	1365	1375	rVB	667158	1093249	1.95%	0.551%
21	10.099	1506	1511	1516	rBV	3163385	4170460	7.44%	2.103%
22	11.001	1654	1659	1665	rBV	4736659	6343909	11.32%	3.199%
23	11.123	1674	1679	1684	rBV	2935445	3592842	6.41%	1.811%
24	11.342	1710	1715	1725	rVB	7841503	10296008	18.37%	5.191%
25	11.653	1762	1766	1773	rVB	1019365	1276672	2.28%	0.644%
26	11.903	1802	1807	1809	rBV	805612	1019005	1.82%	0.514%
27	11.934	1809	1812	1817	rVB	781084	995159	1.78%	0.502%
28	12.062	1828	1833	1840	rBV	3853902	4780635	8.53%	2.410%
29	12.287	1864	1870	1876	rBV	11978597	15338521	27.37%	7.733%
30	12.354	1876	1881	1883	rBV	1178003	1648314	2.94%	0.831%
31	12.446	1891	1896	1901	rBV2	544105	655238	1.17%	0.330%
32	12.653	1925	1930	1933	rBV	7695194	8925541	15.93%	4.500%
33	12.683	1933	1935	1940	rVB	1701046	2059626	3.67%	1.038%
34	12.738	1940	1944	1951	rVB	5198438	6814178	12.16%	3.436%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015866.D
Acq On : 23 Apr 2020 02:04
Operator : JC/SP
Sample : L2380-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421

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	12.879	1960	1967	1973	rVB2	422659	668523	1.19%	0.337%
36	12.964	1973	1981	1985	rBV	4464147	5595920	9.98%	2.821%
37	13.068	1993	1998	2004	rBV3	671010	1085510	1.94%	0.547%
38	13.208	2018	2021	2025	rBV	2065423	2326979	4.15%	1.173%
39	13.336	2037	2042	2047	rVV2	6591686	9101512	16.24%	4.589%
40	13.464	2059	2063	2069	rVB	650798	849939	1.52%	0.429%
41	13.549	2072	2077	2079	rBV	426914	573694	1.02%	0.289%
42	13.586	2079	2083	2086	rVV	1057627	1480094	2.64%	0.746%
43	13.622	2086	2089	2093	rVV2	1536825	2220915	3.96%	1.120%
44	13.683	2093	2099	2100	rVV2	1016821	1533476	2.74%	0.773%
45	13.702	2100	2102	2108	rVB2	1665724	2282503	4.07%	1.151%
46	13.817	2114	2121	2130	rBV	1349240	1925311	3.44%	0.971%
47	13.964	2138	2145	2150	rBV2	526978	839776	1.50%	0.423%
48	14.116	2165	2170	2174	rBV	639465	755465	1.35%	0.381%
49	14.256	2188	2193	2199	rBV	738434	1170346	2.09%	0.590%
50	14.415	2215	2219	2223	rVB	473215	560546	1.00%	0.283%
51	14.677	2250	2262	2267	rBV	1015323	1428710	2.55%	0.720%
52	14.823	2281	2286	2290	rBV	777682	1003083	1.79%	0.506%

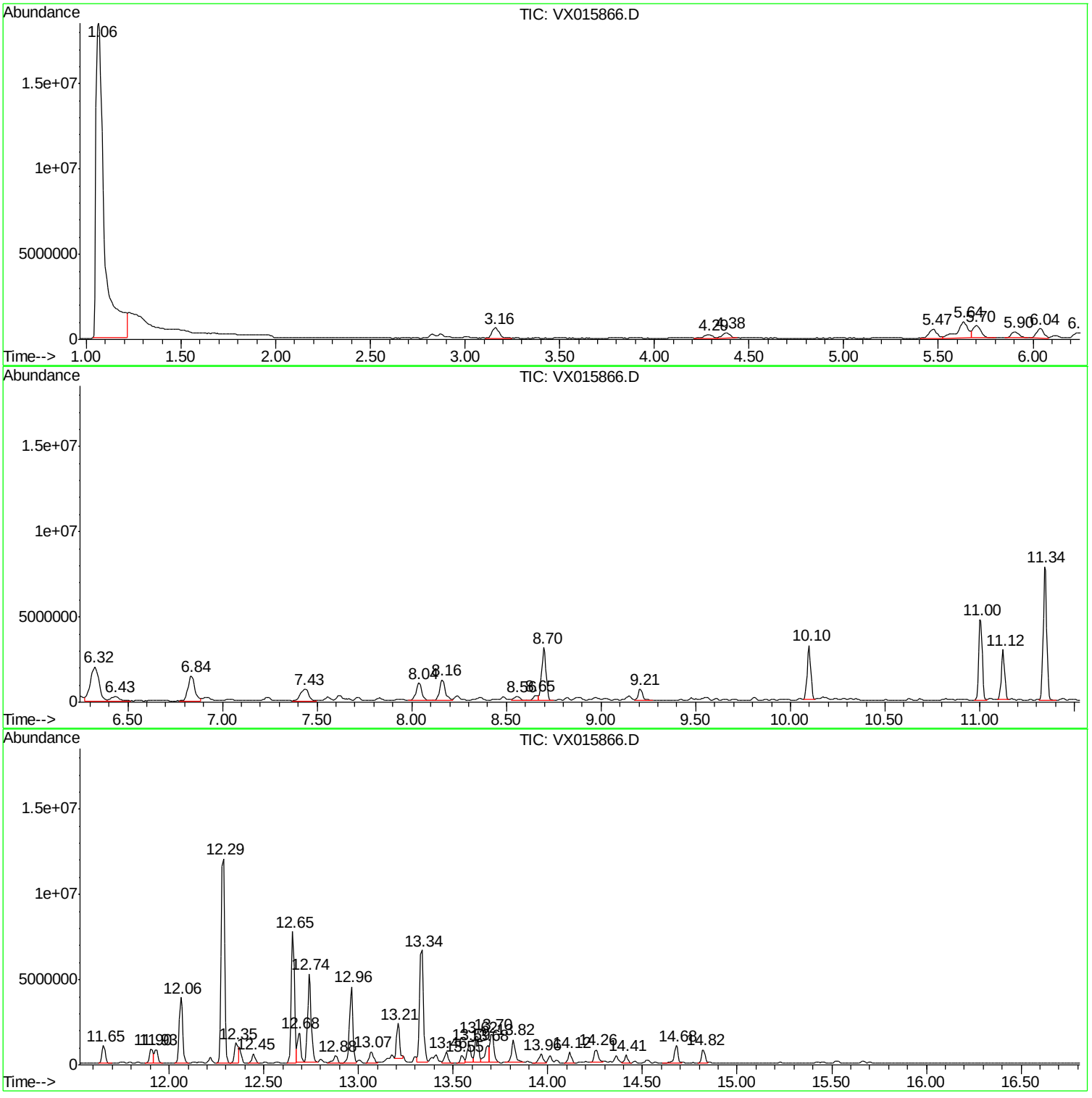
Sum of corrected areas: 198339426

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015866.D
Acq On : 23 Apr 2020 02:04
Operator : JC/SP
Sample : L2380-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015866.D
Acq On : 23 Apr 2020 02:04
Operator : JC/SP
Sample : L2380-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421

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

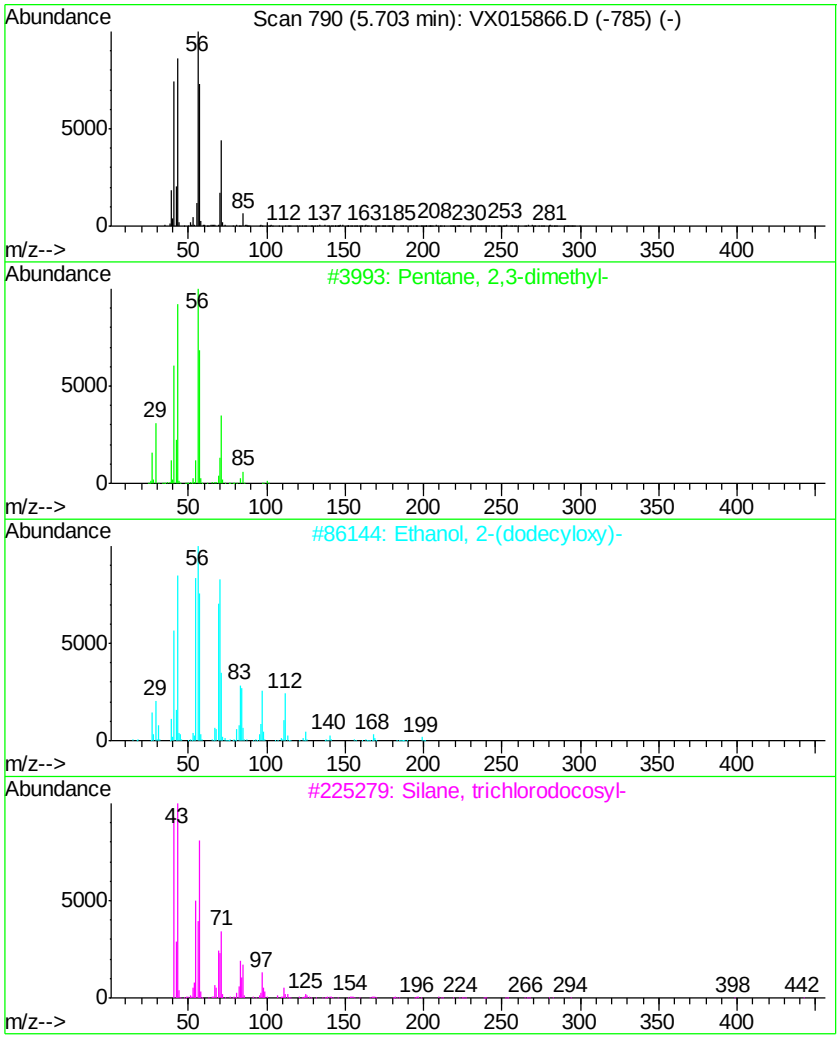
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

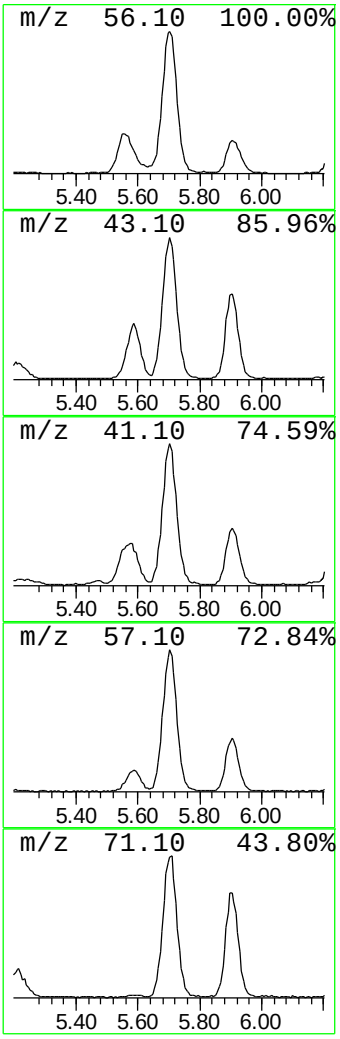
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	28.53 ug/l	2169550	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	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	43
4	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	38
5	Heptane	100	C7H16	000142-82-5	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015866.D
Acq On : 23 Apr 2020 02:04
Operator : JC/SP
Sample : L2380-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421

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

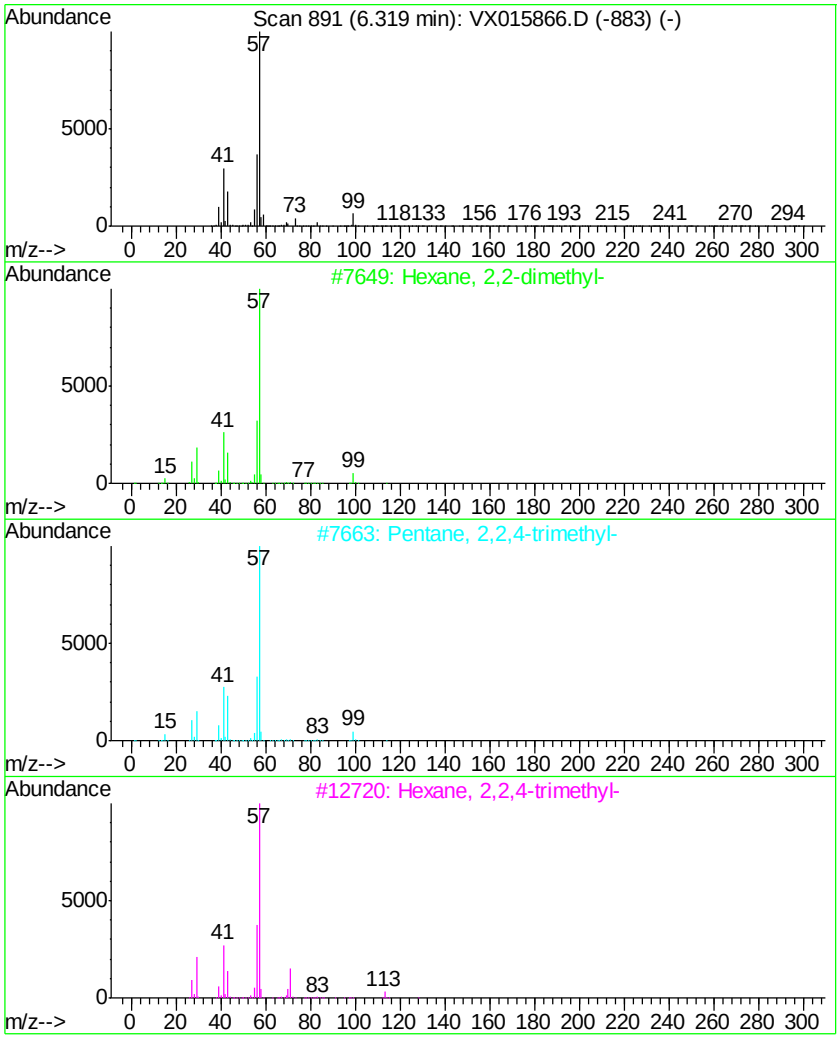
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

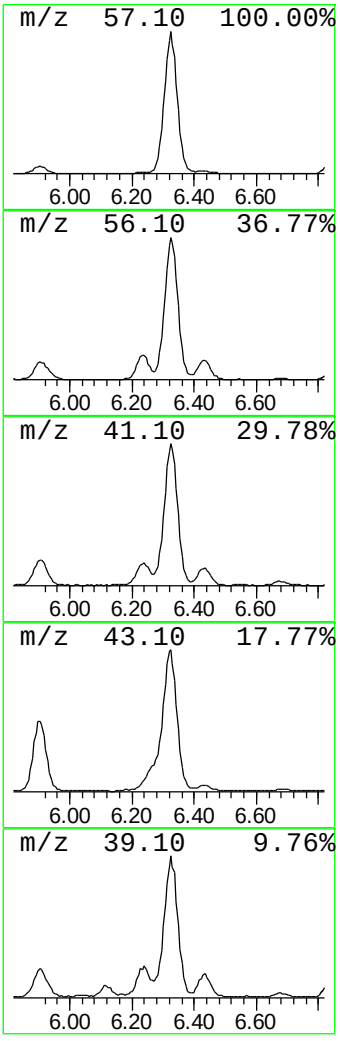
****

Peak Number 3 Hexane, 2,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	87.06 ug/l	6302710	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
5	Carbonic acid, bis(2-methylpropy...	174	C9H18O3	000539-92-4	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015866.D
Acq On : 23 Apr 2020 02:04
Operator : JC/SP
Sample : L2380-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421

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

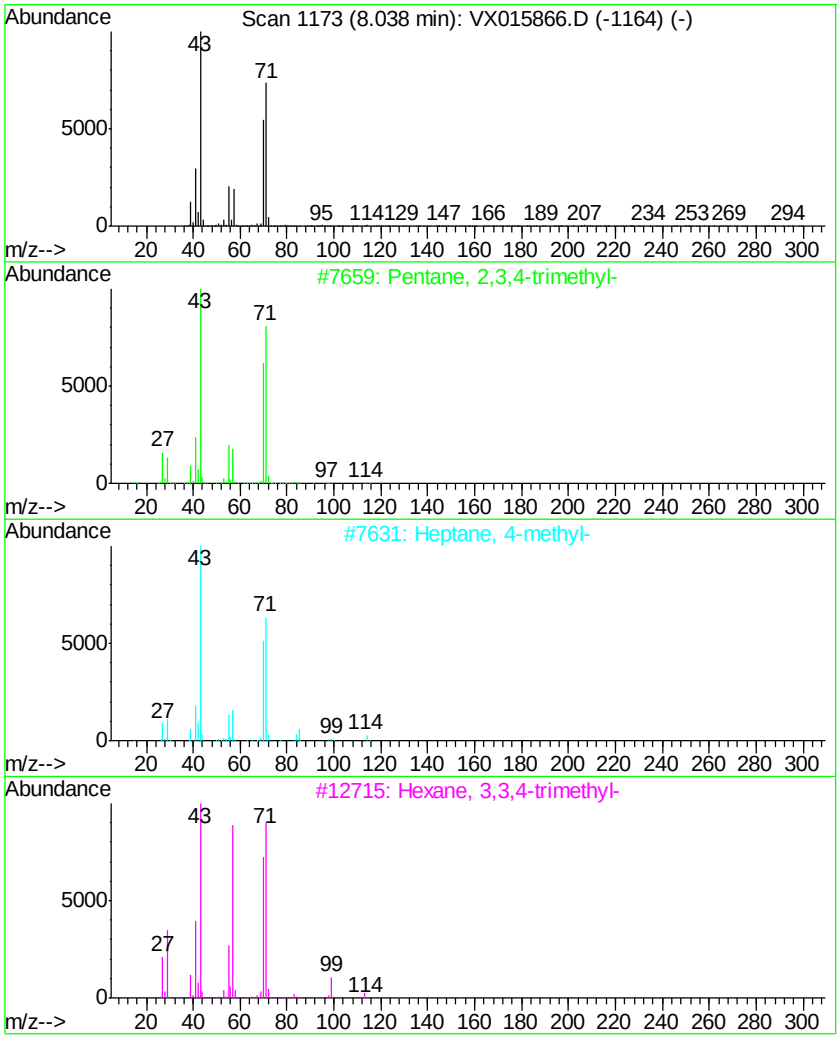
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

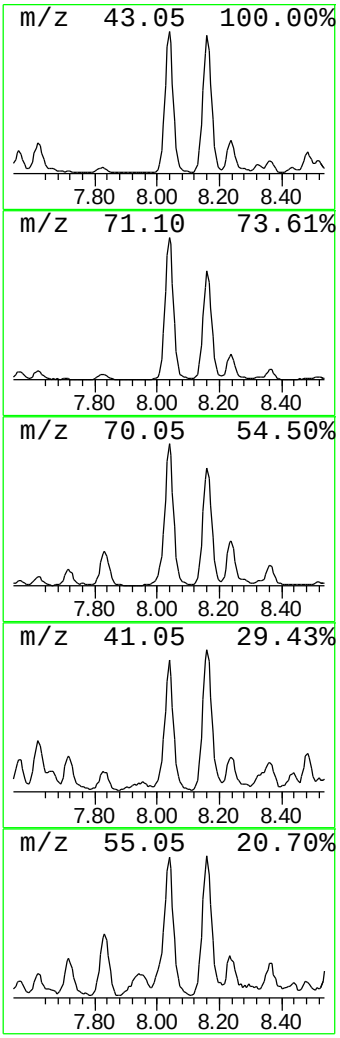
****

Peak Number 4 Pentane, 2,3,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	30.52 ug/l	2209900	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	83
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	64
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015866.D
Acq On : 23 Apr 2020 02:04
Operator : JC/SP
Sample : L2380-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421

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

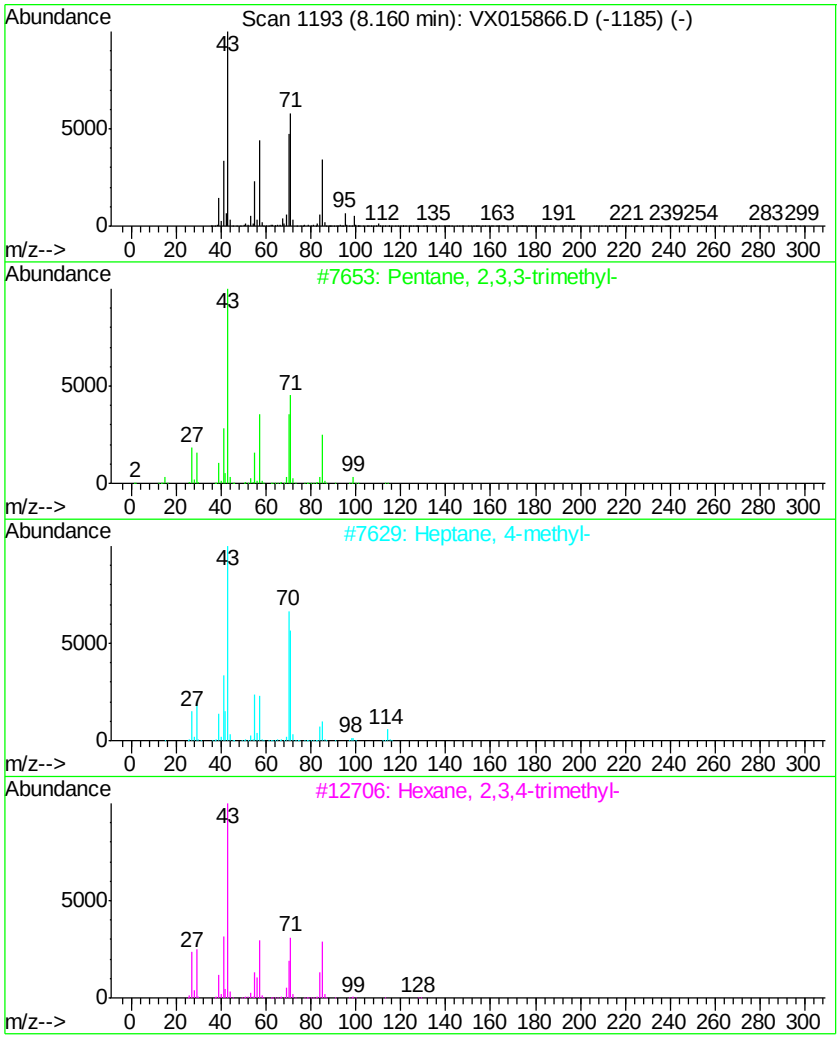
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

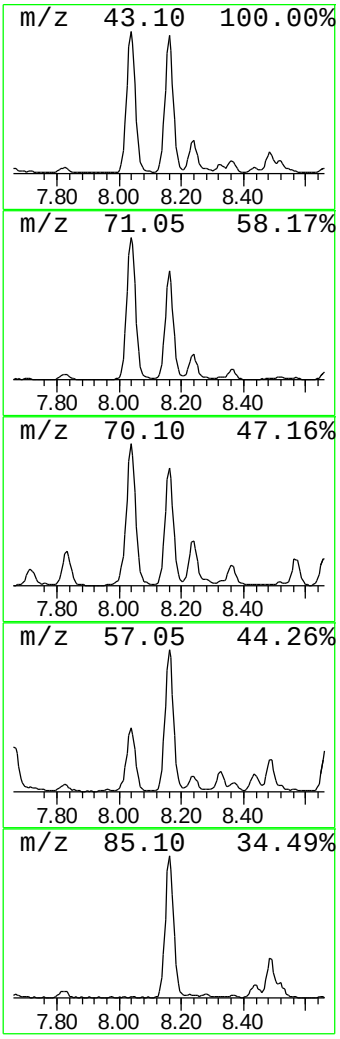
****

Peak Number 5 Pentane, 2,3,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	36.53 ug/l	2645000	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	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015866.D
Acq On : 23 Apr 2020 02:04
Operator : JC/SP
Sample : L2380-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421

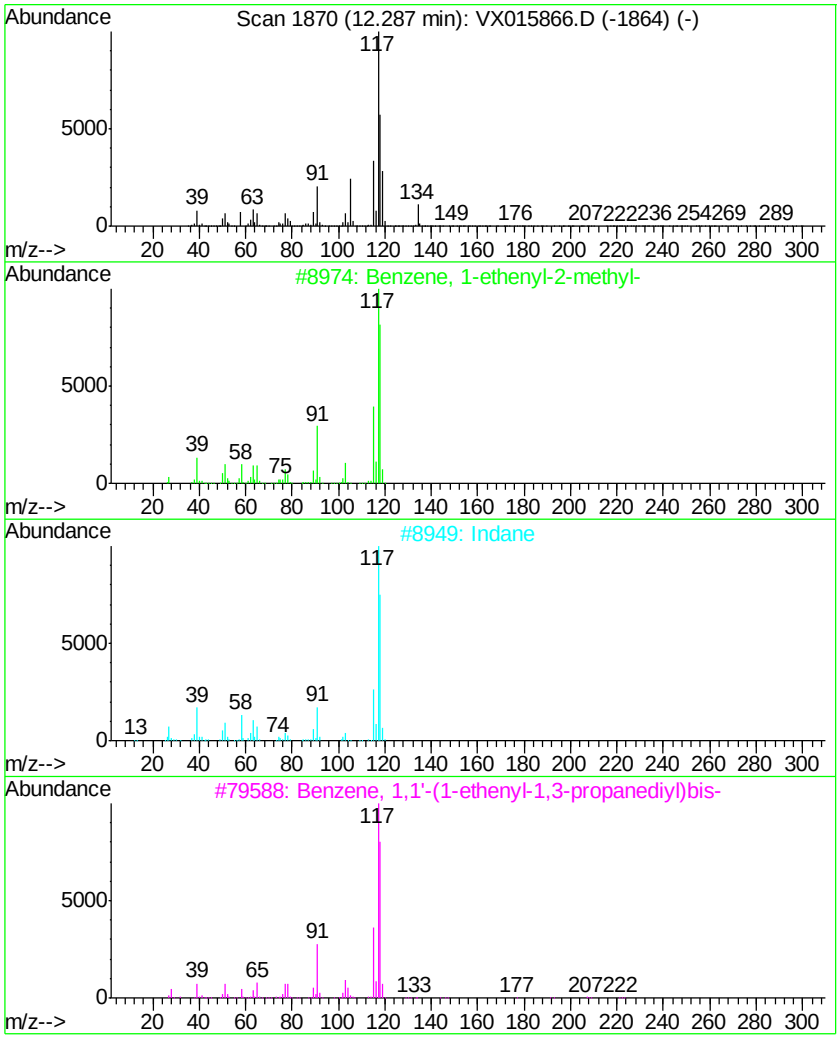
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

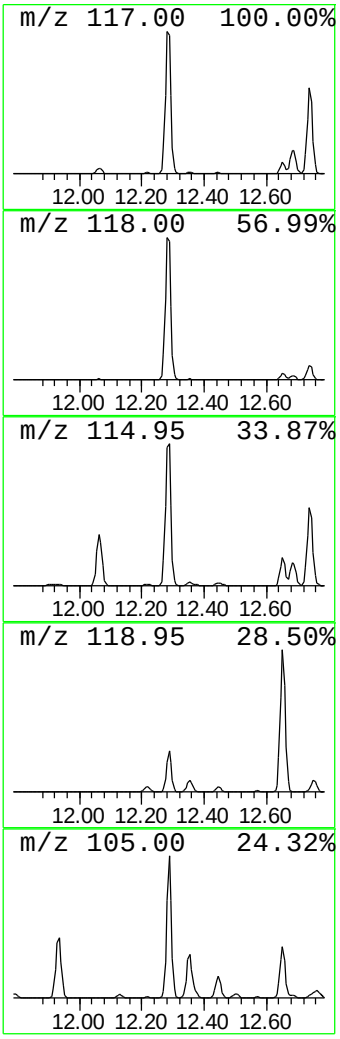
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethenyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	160.42 ug/l	15338500	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	83
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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015866.D
Acq On : 23 Apr 2020 02:04
Operator : JC/SP
Sample : L2380-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421

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

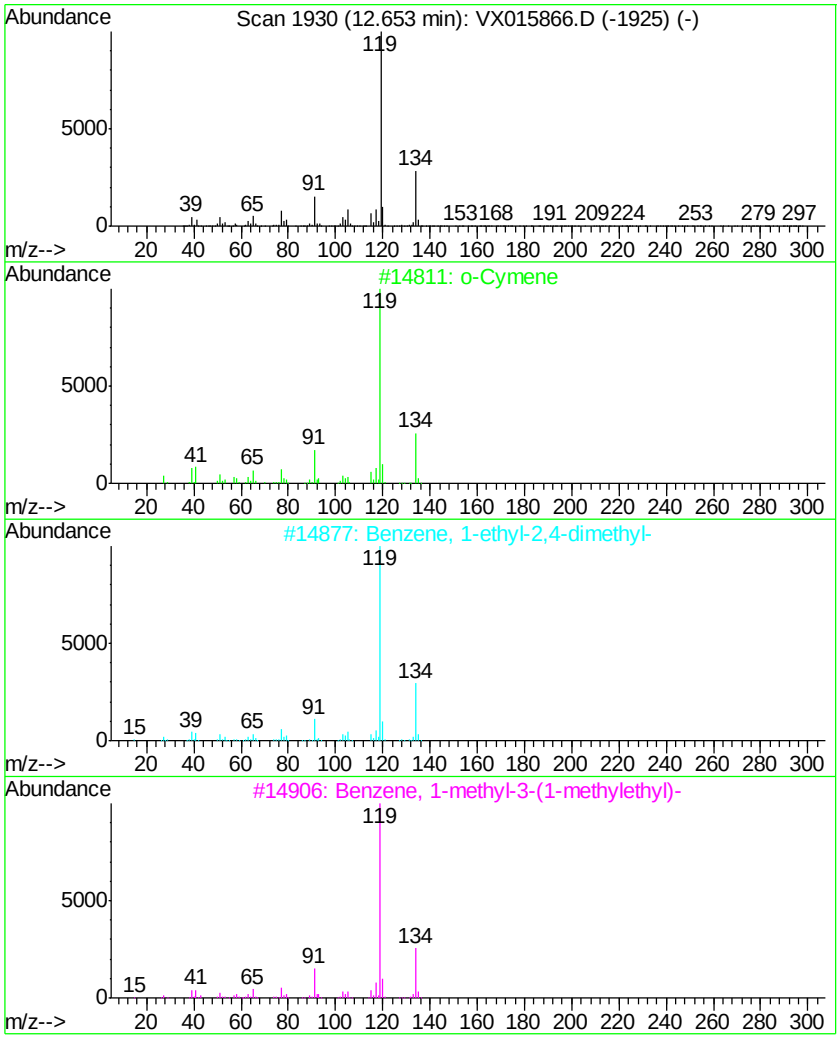
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

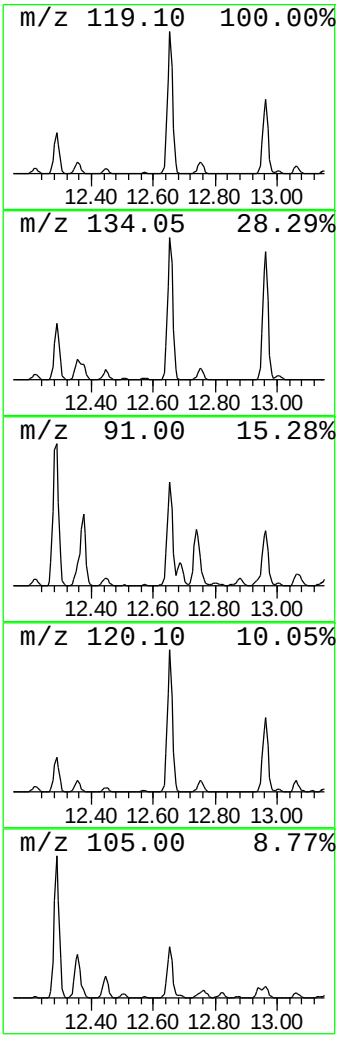
****

Peak Number 7 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	93.35 ug/l	8925540	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015866.D
Acq On : 23 Apr 2020 02:04
Operator : JC/SP
Sample : L2380-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421

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

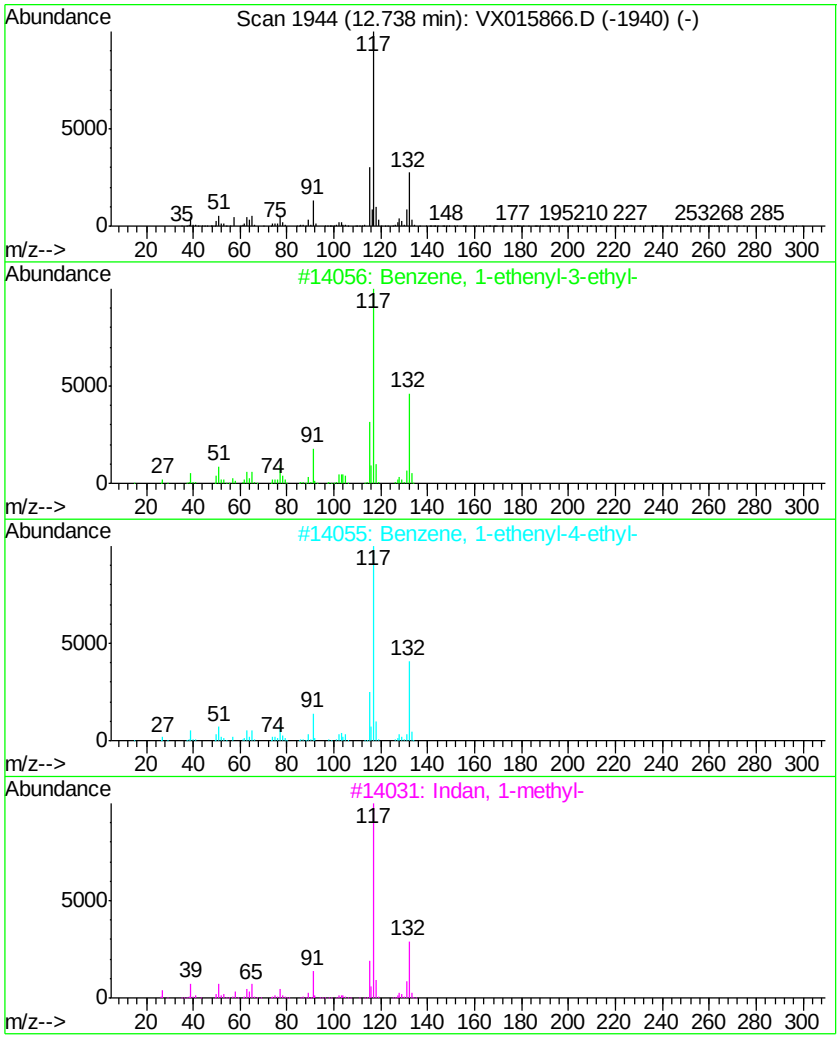
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

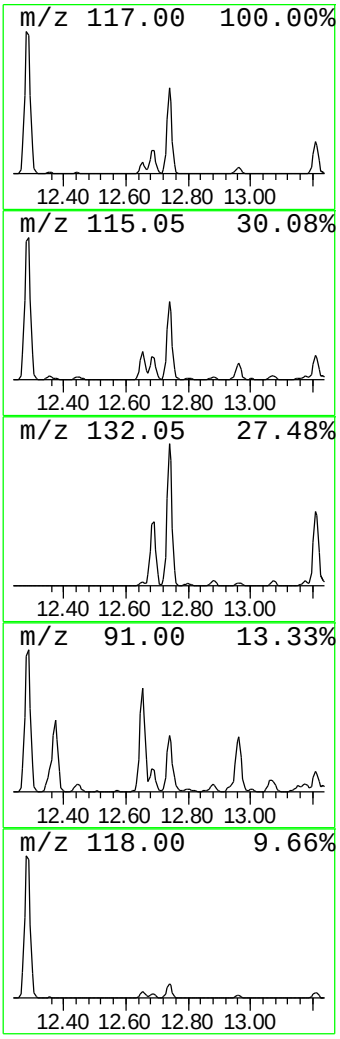
****

Peak Number 8 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	71.27 ug/l	6814180	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, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015866.D
Acq On : 23 Apr 2020 02:04
Operator : JC/SP
Sample : L2380-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421

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

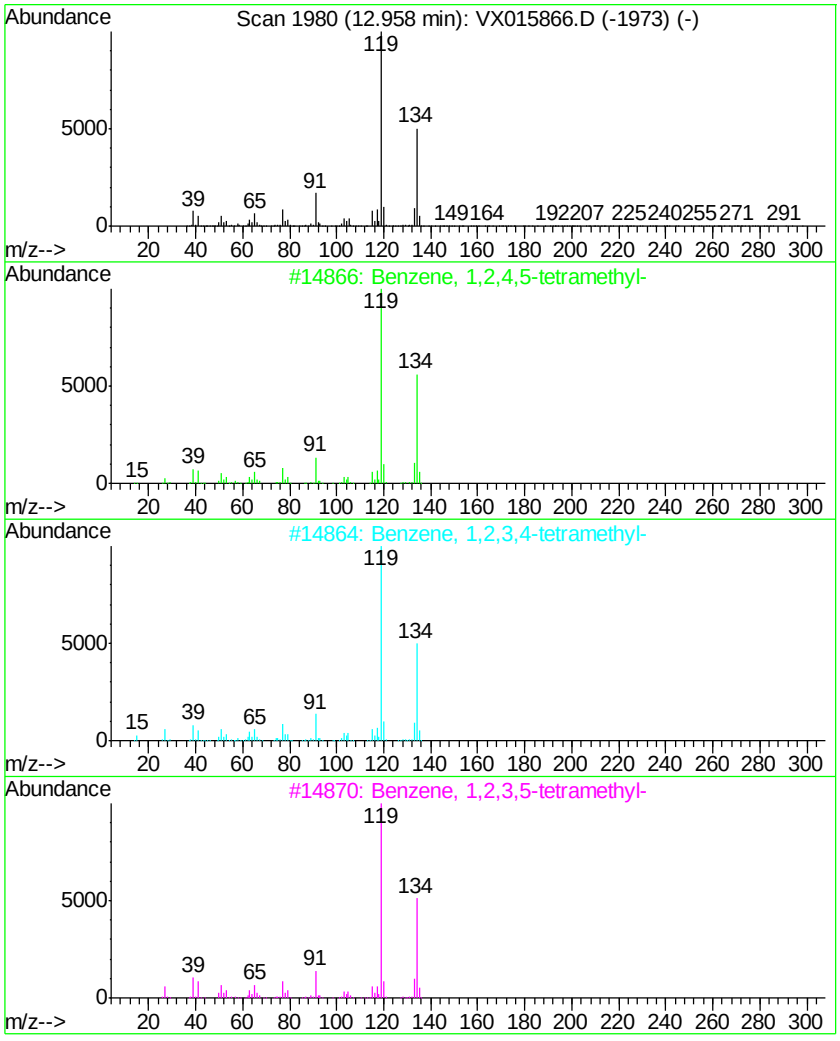
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

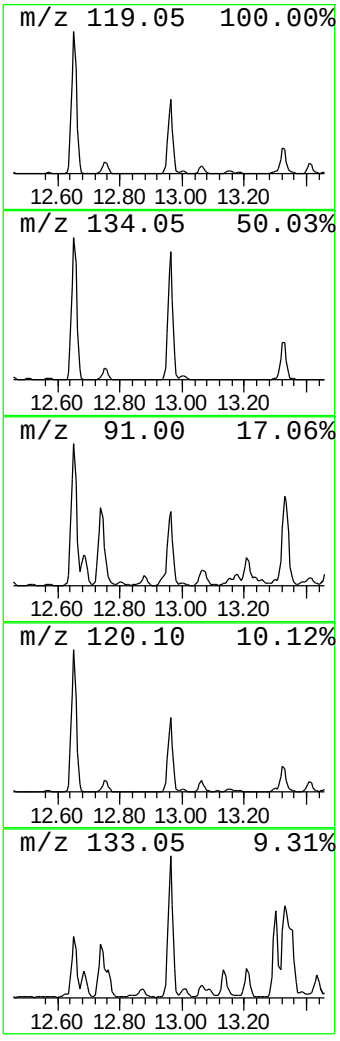
****

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	58.53 ug/l	5595920	1,4-Dichlorobenzene-d4	12.06

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	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\VX042220\
Data File : VX015866.D
Acq On : 23 Apr 2020 02:04
Operator : JC/SP
Sample : L2380-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421

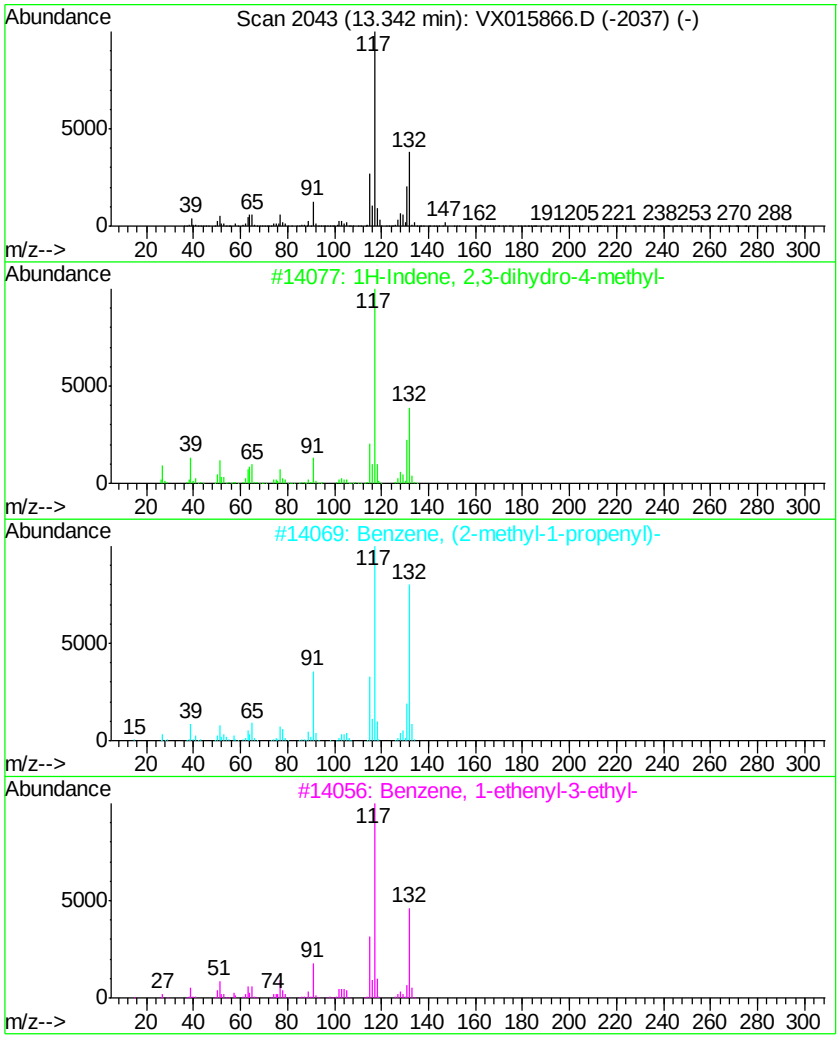
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

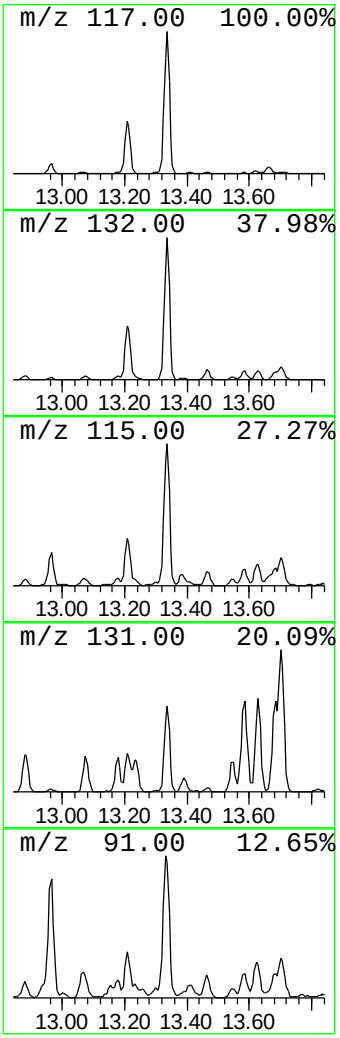
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	95.19 ug/l	9101510	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015866.D
Acq On : 23 Apr 2020 02:04
Operator : JC/SP
Sample : L2380-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW078-200421

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
Pentane, 2,3-dime...	5.70	28.5	ug/l	2169550	1	5.64	3801590	50.0
Hexane, 2,2-dimet...	6.32	87.1	ug/l	6302710	2	6.84	3619830	50.0
Pentane, 2,3,4-tr...	8.04	30.5	ug/l	2209900	2	6.84	3619830	50.0
Pentane, 2,3,3-tr...	8.16	36.5	ug/l	2645000	2	6.84	3619830	50.0
Benzene, 1-etheny...	12.29	160.4	ug/l	15338500	4	12.06	4780640	50.0
o-Cymene	12.65	93.3	ug/l	8925540	4	12.06	4780640	50.0
Benzene, 1-etheny...	12.74	71.3	ug/l	6814180	4	12.06	4780640	50.0
Benzene, 1,2,4,5-...	12.96	58.5	ug/l	5595920	4	12.06	4780640	50.0
1H-Indene, 2,3-di...	13.34	95.2	ug/l	9101510	4	12.06	4780640	50.0