LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015869.D
Acq On : 23 Apr 2020 03:12
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 45 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	52	rBV2	18410625	54364952	79.08%	12.269%
2	3.161	363	373	385	rBV3	1135638	2899600	4.22%	0.654%
3	4.283	547	557	565	rBV	251319	743360	1.08%	0.168%
4	4.380	565	573	583	rVB	368191	1036046	1.51%	0.234%
5	5.472	741	752	759	rBV2	529125	1560508	2.27%	0.352%
6	5.557	759	766	772	rVV2	551090	1762822	2.56%	0.398%
7	5.636	772	779	784	rVV	931472	2764508	4.02%	0.624%
8	5.703	784	790	806	rVB	1236009	3818118	5.55%	0.862%
9	5.911	813	824	835	rBV4	518414	1678966	2.44%	0.379%
10	6.039	835	845	851	rVV	535846	1377605	2.00%	0.311%
11	6.118	851	858	867	rVV	482306	1300924	1.89%	0.294%
12	6.240	869	878	883	rVV2	775835	2356490	3.43%	0.532%
13	6.325	884	892	902	rVV2	2666118	8226870	11.97%	1.857%
14	6.429	902	909	923	rVB3	693148	1941489	2.82%	0.438%
15	6.837	966	976	984	rBV	1439640	3824878	5.56%	0.863%
16	6.917	986	989	999	rVV4	386557	920096	1.34%	0.208%
17	7.038	999	1009	1017	rVV3	252478	742246	1.08%	0.168%
18	7.234	1033	1041	1049	rBV	639136	1427240	2.08%	0.322%
19	7.435	1064	1074	1087	rBV4	1996405	5740187	8.35%	1.295%
20	7.618	1099	1104	1109	rBV	510199	967600	1.41%	0.218%
21	7.825	1131	1138	1146	rVB2	344619	730217	1.06%	0.165%
22	8.038	1163	1173	1185	rVB	2106910	4483441	6.52%	1.012%
23	8.160	1185	1193	1202	rBV2	2286787	5903704	8.59%	1.332%
24	8.239	1202	1206	1216	rVB3	598998	1191911	1.73%	0.269%
25	8.361	1221	1226	1233	rVB4	345295	707486	1.03%	0.160%
26	8.556	1253	1258	1266	rVB3	840172	1652784	2.40%	0.373%
27	8.654	1266	1274	1277	rBV3	1023089	2054068	2.99%	0.464%
28	8.697	1277	1281	1289	rVB	3040500	4977595	7.24%	1.123%
29	8.867	1305	1309	1319	rVV5	312099	749628	1.09%	0.169%
30	8.971	1321	1326	1331	rVV2	468614	835135	1.21%	0.188%
31	9.020	1331	1334	1340	rVB	492946	754158	1.10%	0.170%
32	9.148	1347	1355	1360	rBV2	783502	1378664	2.01%	0.311%
33	9.209	1360	1365	1370	rBV	1489565	2313558	3.37%	0.522%
34	9.550	1416	1421	1426	rVB5	477032	1003345	1.46%	0.226%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015869.D
Acq On : 23 Apr 2020 03:12
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 45 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	10.099	1506	1511	1515	rVB	3095006	3901277	5.68%	0.880%
36	10.172	1519	1523	1530	rVB2	496104	813087	1.18%	0.184%
37	10.239	1530	1534	1537	rBV	614665	743555	1.08%	0.168%
38	11.007	1654	1660	1666	rBV	28414214	38526325	56.04%	8.695%
39	11.123	1675	1679	1684	rBV	2806262	3367154	4.90%	0.760%
40	11.349	1711	1716	1724	rVB	27496549	37951214	55.21%	8.565%
41	11.653	1761	1766	1774	rVB	2046046	2578267	3.75%	0.582%
42	11.903	1802	1807	1809	rBV	1933113	2421430	3.52%	0.546%
43	11.928	1809	1811	1818	rVB	2490795	3093163	4.50%	0.698%
44	12.062	1828	1833	1838	rBV	3677444	4633002	6.74%	1.046%
45	12.220	1854	1859	1864	rVB	1785757	2165582	3.15%	0.489%
46	12.288	1864	1870	1875	rBV	52936779	68742443	100.00%	15.514%
47	12.355	1876	1881	1891	rVV2	2922150	4604807	6.70%	1.039%
48	12.446	1891	1896	1901	rVB	2487690	2933616	4.27%	0.662%
49	12.653	1925	1930	1933	rBV	12282125	14386990	20.93%	3.247%
50	12.684	1933	1935	1940	rVV	5192829	5920485	8.61%	1.336%
51	12.739	1940	1944	1952	rVB2	14893938	21099390	30.69%	4.762%
52	12.879	1962	1967	1973	rVB	520493	726055	1.06%	0.164%
53	12.964	1973	1981	1986	rBV	13905418	16867686	24.54%	3.807%
54	13.062	1993	1997	2004	rBV2	1114161	1679733	2.44%	0.379%
55	13.208	2018	2021	2030	rVB	10125388	12291781	17.88%	2.774%
56	13.336	2037	2042	2047	rVB2	23963926	30770386	44.76%	6.944%
57	13.385	2047	2050	2059	rVB3	1503908	2275337	3.31%	0.514%
58	13.464	2059	2063	2070	rVB	2203826	2673757	3.89%	0.603%
59	13.543	2071	2076	2079	rBV2	849157	1191171	1.73%	0.269%
60	13.586	2079	2083	2086	rVV	2123927	3044593	4.43%	0.687%
61	13.623	2086	2089	2094	rVV3	3139192	4622191	6.72%	1.043%
62	13.684	2094	2099	2100	rVV2	1460455	1998313	2.91%	0.451%
63	13.702	2100	2102	2108	rVB2	2641422	3464034	5.04%	0.782%
64	13.818	2118	2121	2130	rVB2	440773	740422	1.08%	0.167%
65	13.964	2138	2145	2149	rBV2	1025230	1442832	2.10%	0.326%
66	14.013	2149	2153	2157	rVB	951237	1084417	1.58%	0.245%
67	14.116	2165	2170	2176	rBV	1690583	2071377	3.01%	0.467%
68	14.257	2189	2193	2198	rBV	1397046	2096116	3.05%	0.473%
69	14.360	2206	2210	2216	rBV	1292189	1738402	2.53%	0.392%
70	14.415	2216	2219	2223	rVB	1046899	1216516	1.77%	0.275%
71	14.677	2259	2262	2267	rVB	1679830	1911758	2.78%	0.431%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
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Acq On : 23 Apr 2020 03:12
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 45 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

72	14.824	2280	2286	2297	rBV	2352986	3118821	4.54%	0.704%

Sum of corrected areas: 443097684

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015869.D
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Operator : JC/SP
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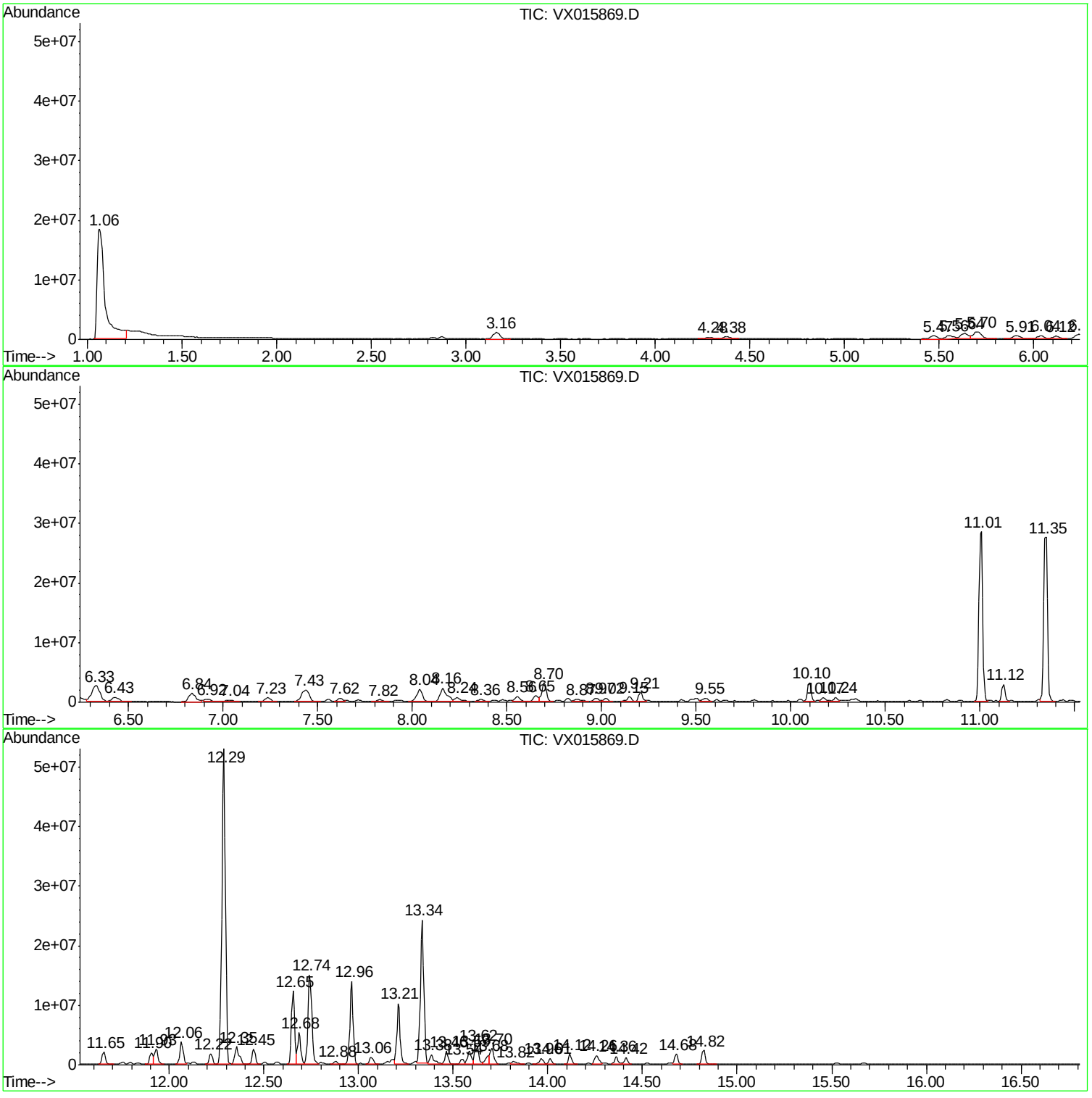
ALS Vial : 45 Sample Multiplier: 1

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015869.D
Acq On : 23 Apr 2020 03:12
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

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

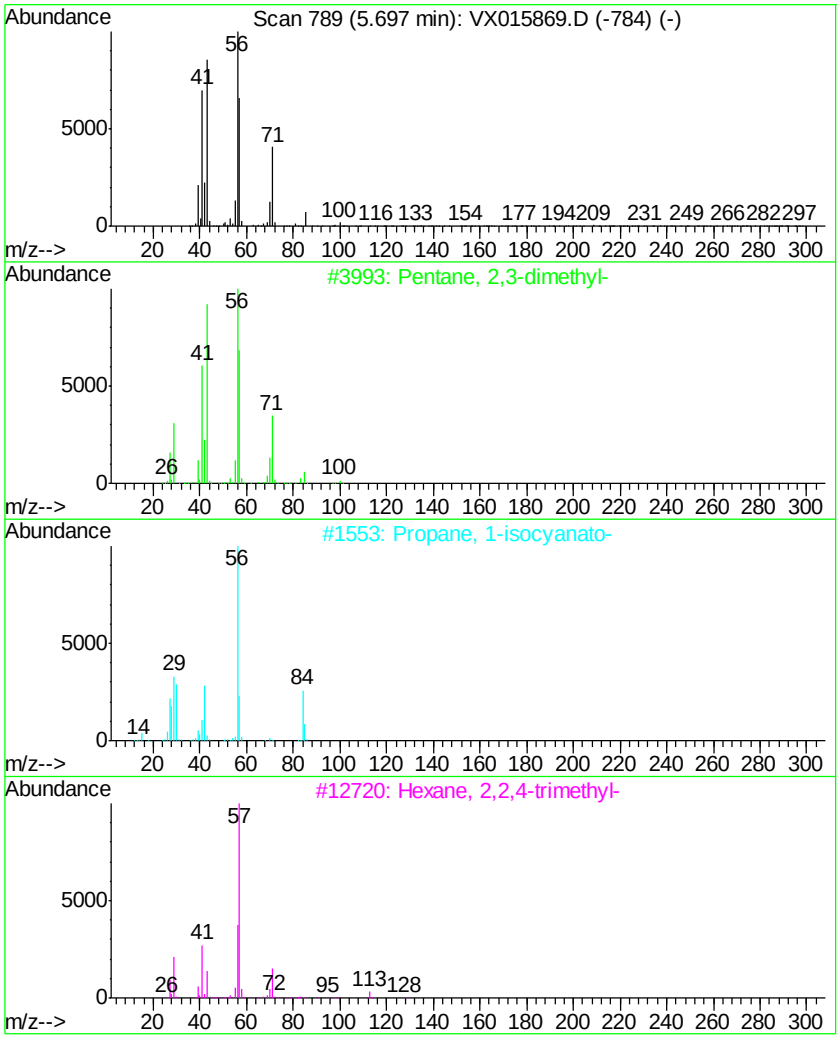
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

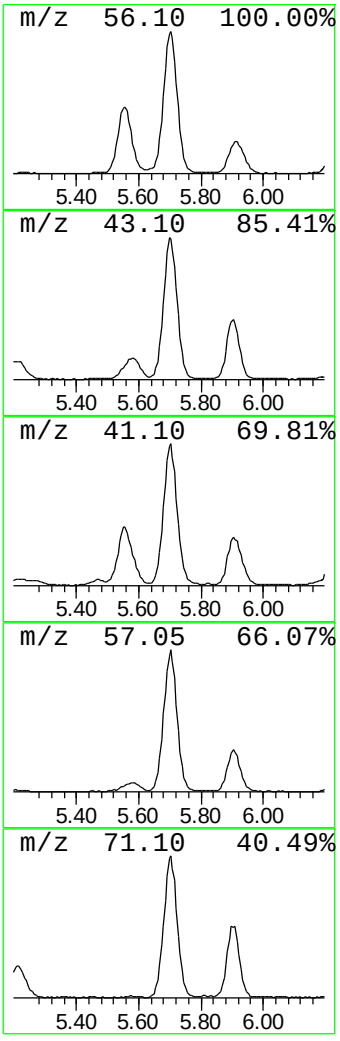
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	69.06 ug/l	3818120	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	47
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	38
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	37





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015869.D
Acq On : 23 Apr 2020 03:12
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

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

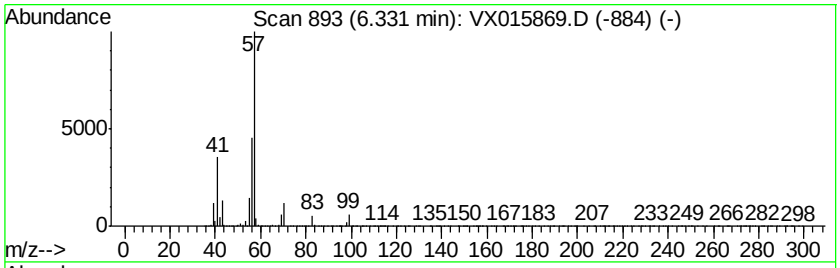
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

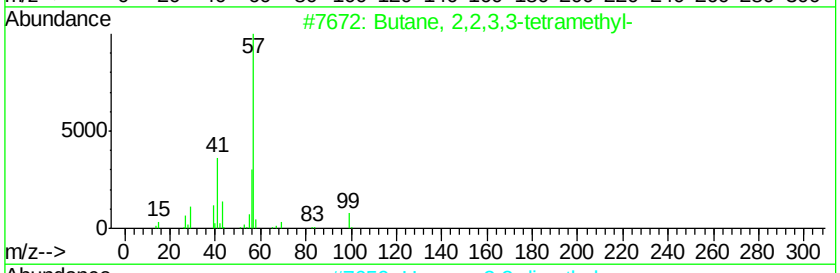
****

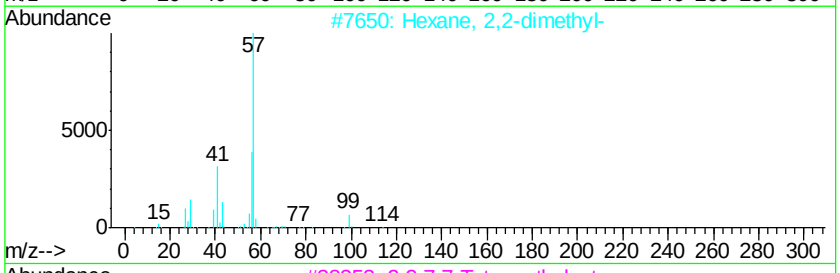
Peak Number 3 Butane, 2,2,3,3-tetramethyl- Concentration Rank 8

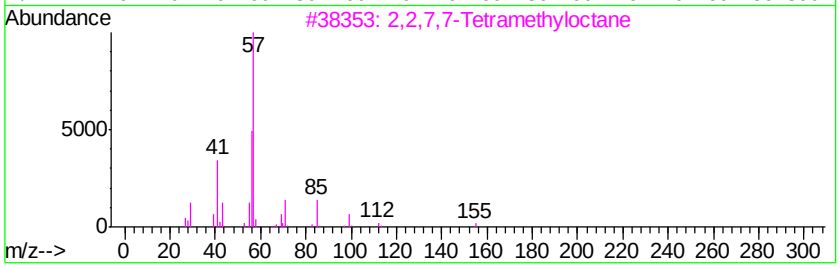
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	107.54 ug/l	8226870	1,4-Difluorobenzene	6.84

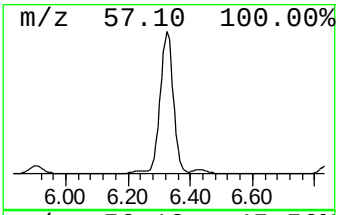
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	50
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	50
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50

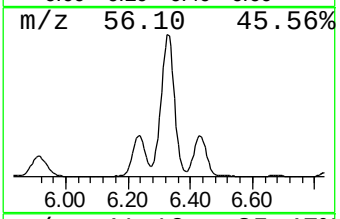


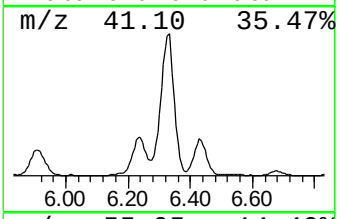


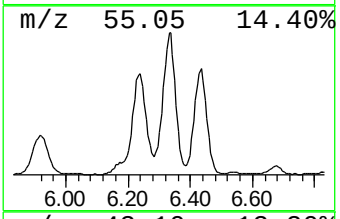


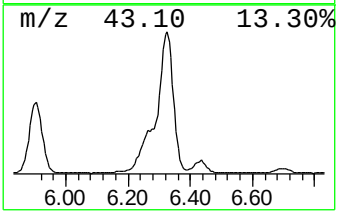












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
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ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

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

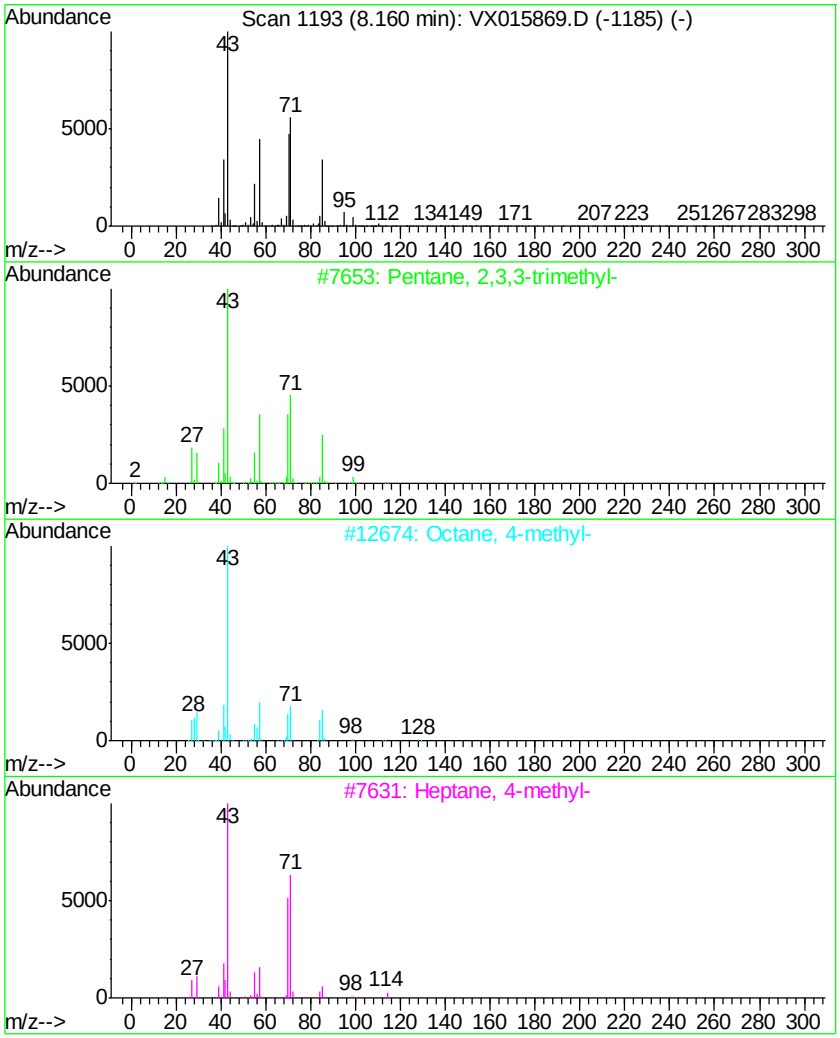
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

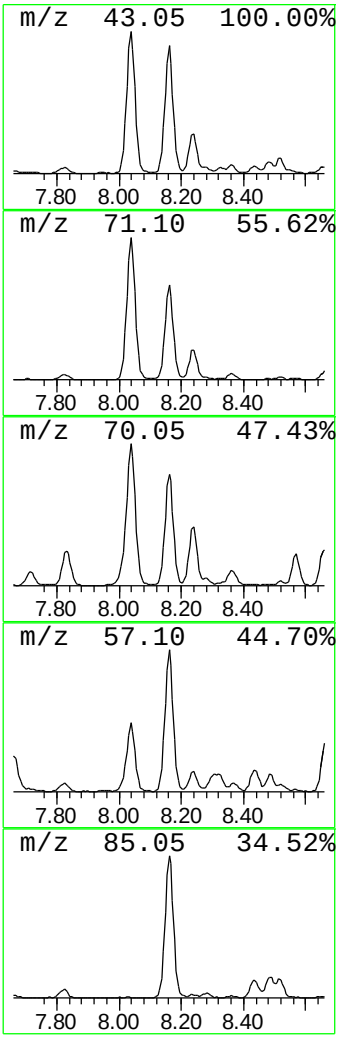
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	77.18 ug/l	5903700	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	Octane, 4-methyl-	128	C9H20	002216-34-4	72
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015869.D
Acq On : 23 Apr 2020 03:12
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

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

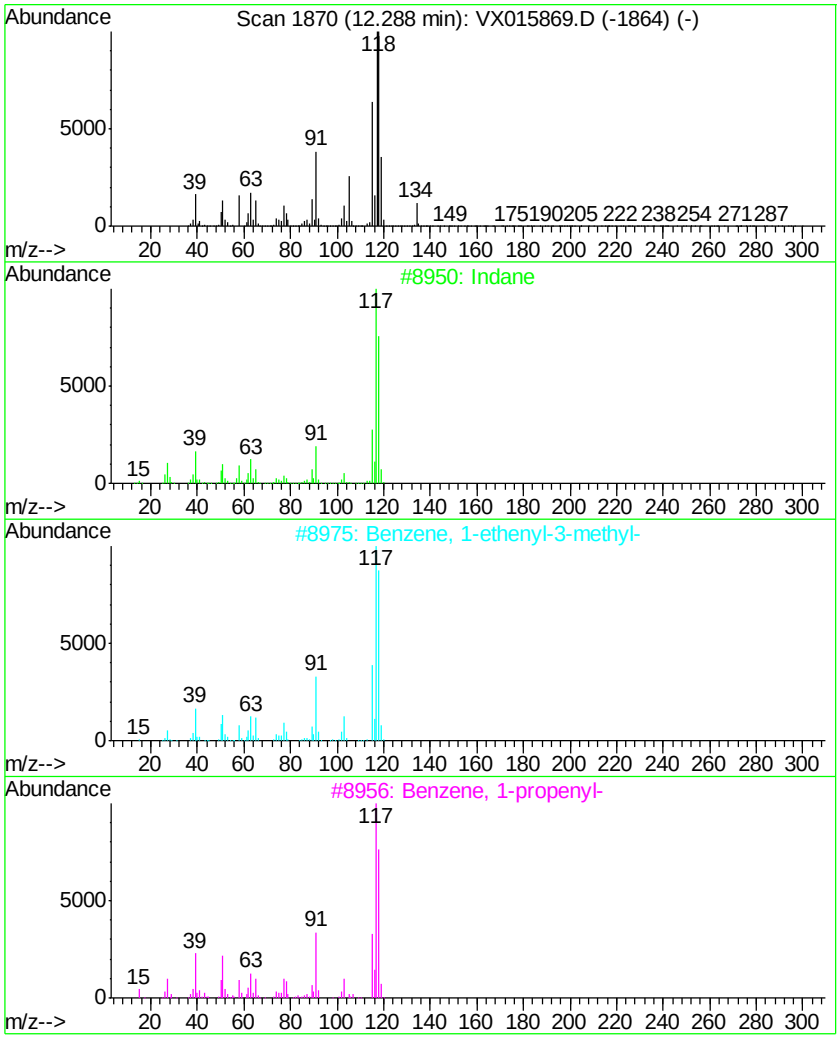
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

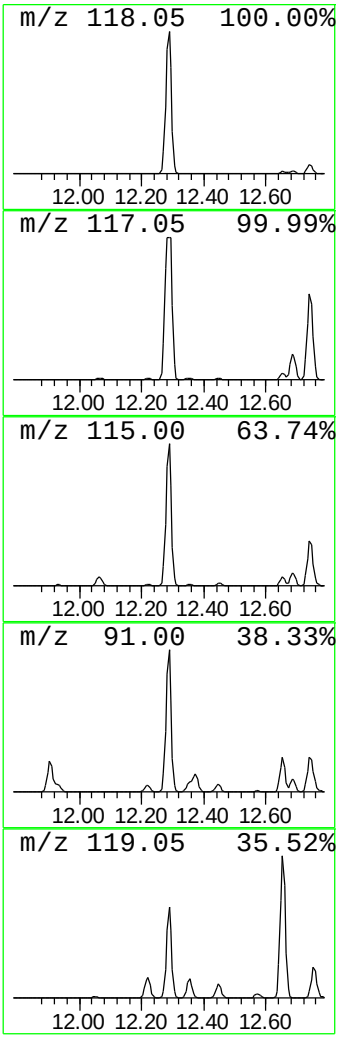
****

Peak Number 5 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	741.88 ug/l	68742400	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	92
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	91
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	86
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	83
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015869.D
Acq On : 23 Apr 2020 03:12
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

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

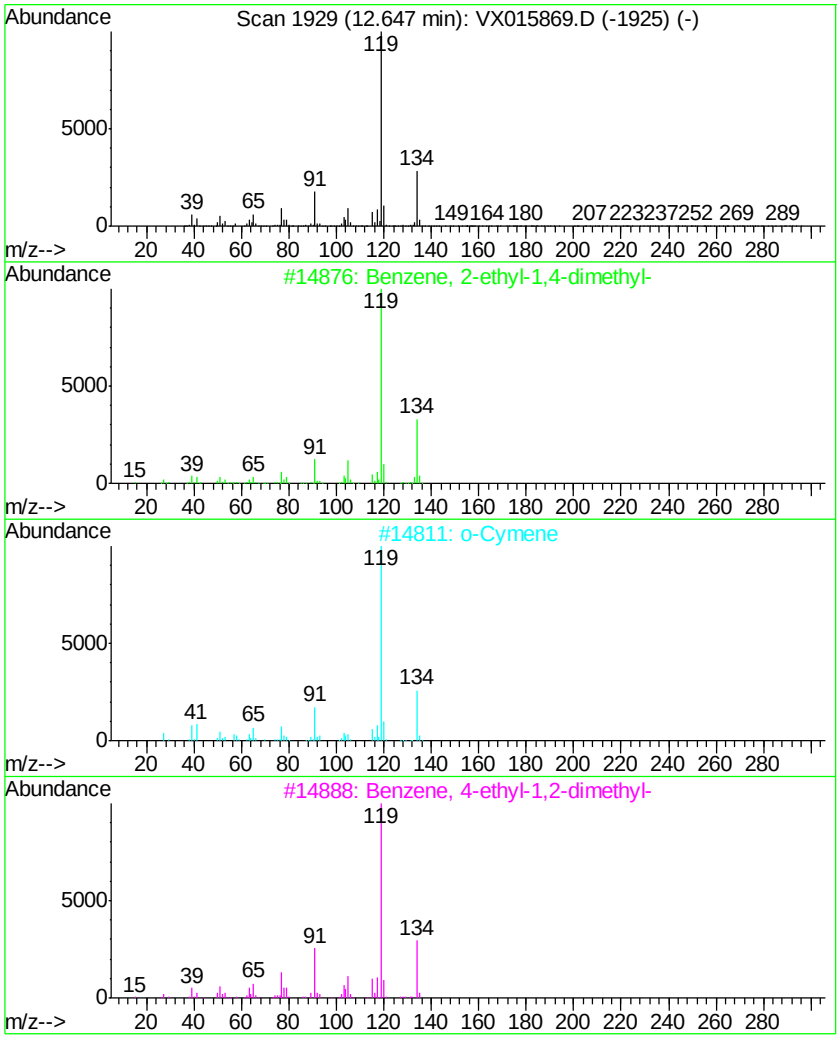
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

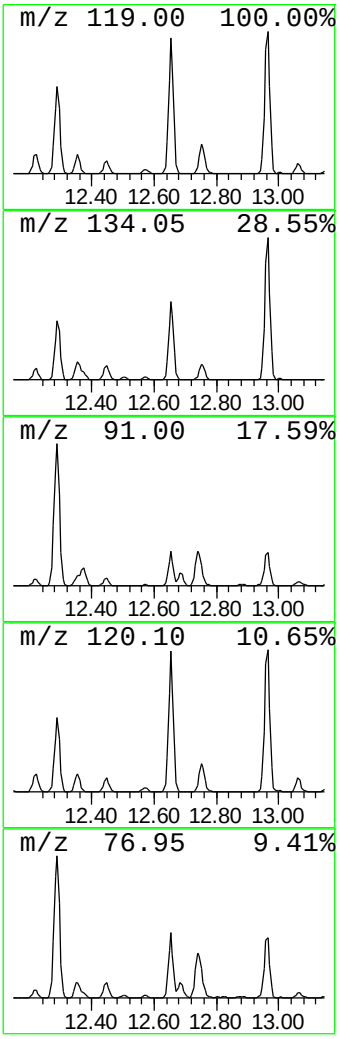
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	155.27 ug/l	14387000	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	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015869.D
Acq On : 23 Apr 2020 03:12
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

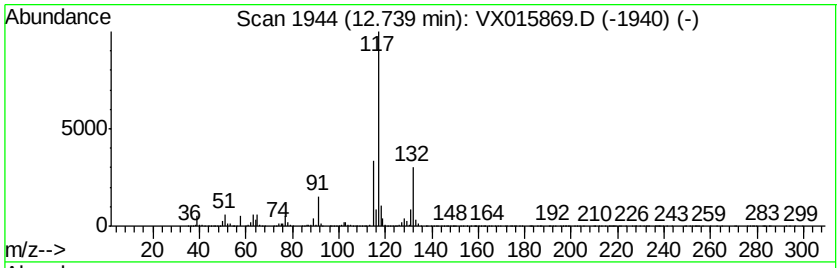
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

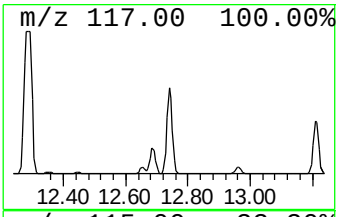
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

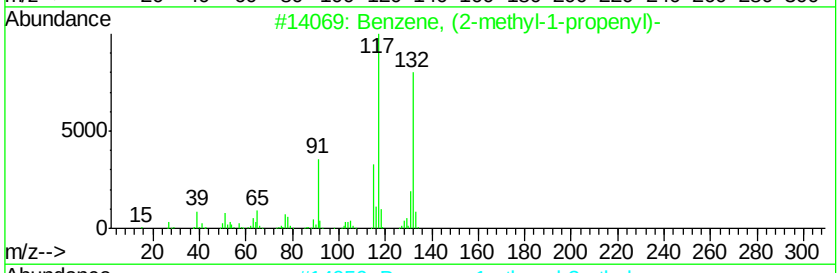
****
Peak Number 7 Benzene, (2-methyl-1-propen... Concentration Rank 4

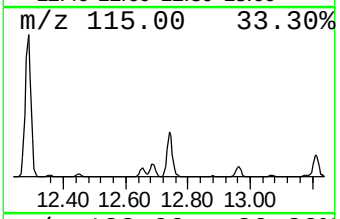
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	227.71 ug/l	21099400	1,4-Dichlorobenzene-d4	12.06

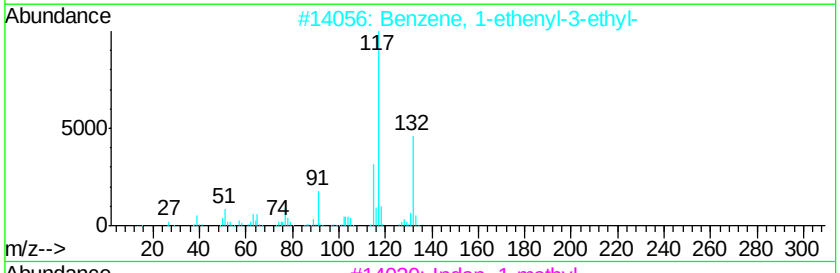
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87

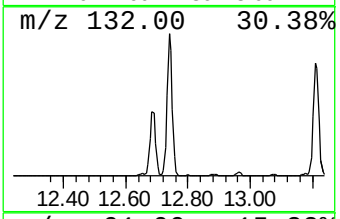


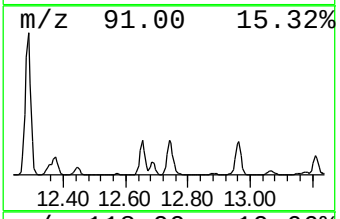


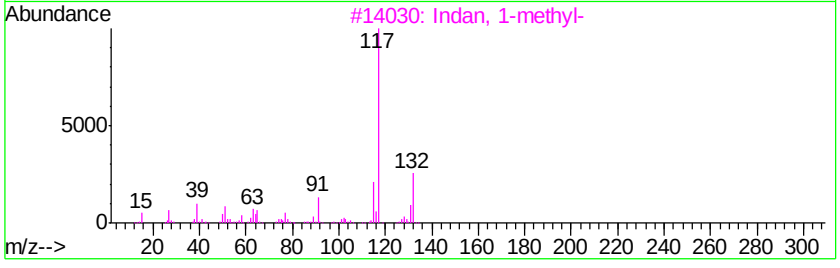


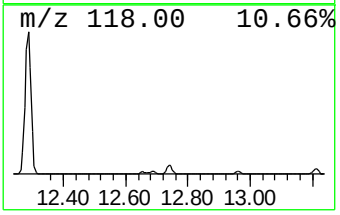












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015869.D
Acq On : 23 Apr 2020 03:12
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

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

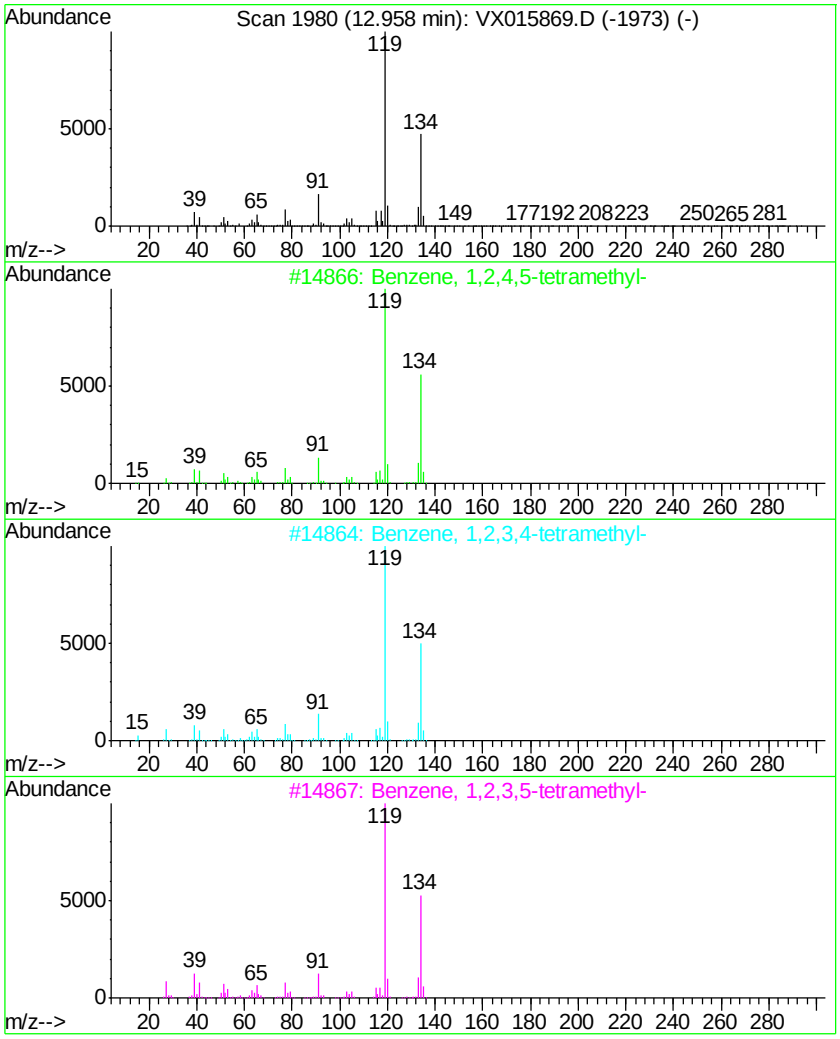
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

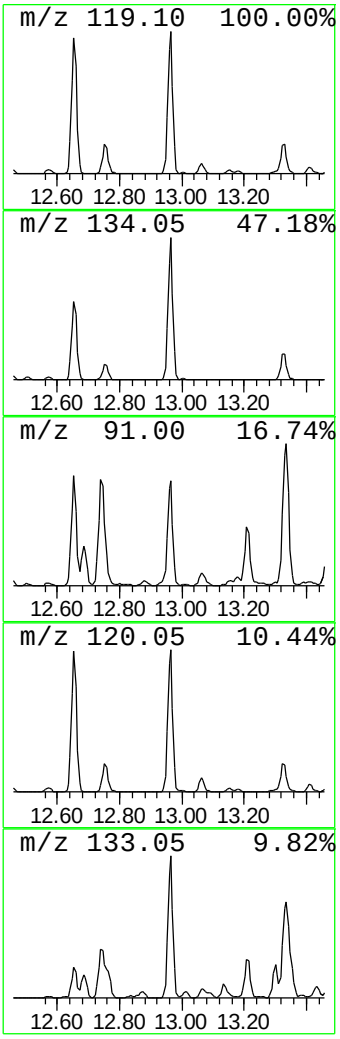
****

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	182.04 ug/l	16867700	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	97
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	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 : VX015869.D
Acq On : 23 Apr 2020 03:12
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW019-200421

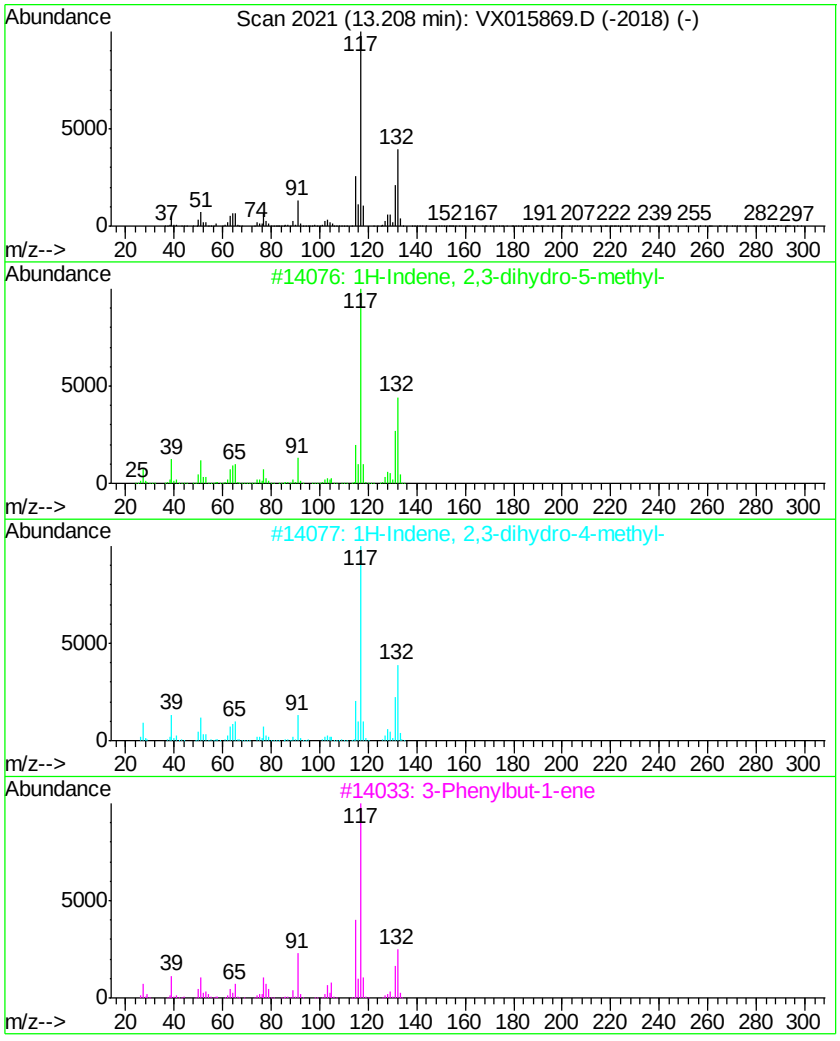
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

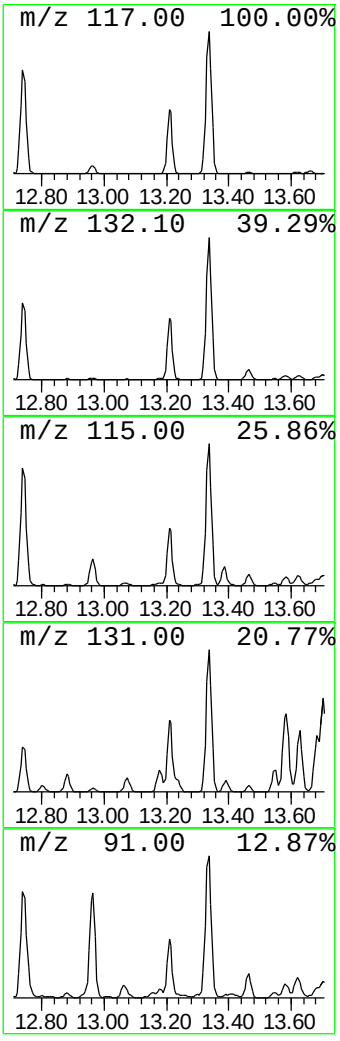
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	132.66 ug/l	12291800	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	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015869.D
Acq On : 23 Apr 2020 03:12
Operator : JC/SP
Sample : L2380-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 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
Pentane, 2,3-dime...	5.70	69.1	ug/l	3818120	1	5.64	2764510	50.0
Butane, 2,2,3,3-t...	6.33	107.5	ug/l	8226870	2	6.84	3824880	50.0
Pentane, 2,3,3-tr...	8.16	77.2	ug/l	5903700	2	6.84	3824880	50.0
Indane	12.29	741.9	ug/l	68742400	4	12.06	4633000	50.0
Benzene, 2-ethyl-...	12.65	155.3	ug/l	14387000	4	12.06	4633000	50.0
Benzene, (2-methy...	12.74	227.7	ug/l	21099400	4	12.06	4633000	50.0
Benzene, 1,2,4,5-...	12.96	182.0	ug/l	16867700	4	12.06	4633000	50.0
1H-Indene, 2,3-di...	13.21	132.7	ug/l	12291800	4	12.06	4633000	50.0