LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015863.D
Acq On : 23 Apr 2020 00:56
Operator : JC/SP
Sample : L2380-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001IW091-200421

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	53	rBV2	18491854	56737453	100.00%	20.728%
2	2.826	309	318	323	rBV	309400	678634	1.20%	0.248%
3	3.167	363	374	387	rVB3	1536310	3907501	6.89%	1.428%
4	4.289	545	558	566	rBV2	434053	1324718	2.33%	0.484%
5	5.209	699	709	728	rVB6	124342	579718	1.02%	0.212%
6	5.471	742	752	760	rBV	512357	1459254	2.57%	0.533%
7	5.636	771	779	783	rBV	722592	1924733	3.39%	0.703%
8	5.703	783	790	808	rVB	2134571	6683317	11.78%	2.442%
9	5.910	813	824	836	rBV4	463035	1511140	2.66%	0.552%
10	6.038	836	845	855	rBV	519216	1335068	2.35%	0.488%
11	6.240	869	878	882	rBV	582570	1647805	2.90%	0.602%
12	6.325	882	892	903	rVV	5018879	15973920	28.15%	5.836%
13	6.435	903	910	923	rVB2	673726	1903538	3.35%	0.695%
14	6.837	966	976	986	rBV	1379594	3802434	6.70%	1.389%
15	6.922	986	990	1000	rVB4	320938	784359	1.38%	0.287%
16	7.239	1032	1042	1049	rBV	510208	1118430	1.97%	0.409%
17	7.428	1063	1073	1084	rBV3	1190242	3298353	5.81%	1.205%
18	7.556	1087	1094	1099	rBV	556690	1135028	2.00%	0.415%
19	7.617	1099	1104	1109	rBV	773117	1516400	2.67%	0.554%
20	7.831	1131	1139	1147	rVB2	466878	960032	1.69%	0.351%
21	8.038	1163	1173	1185	rVB	3543460	7494649	13.21%	2.738%
22	8.160	1185	1193	1201	rBV	3545907	7380438	13.01%	2.696%
23	8.239	1201	1206	1219	rVB2	817220	1824031	3.21%	0.666%
24	8.361	1220	1226	1234	rBV3	428330	903256	1.59%	0.330%
25	8.556	1253	1258	1267	rVB3	560427	1296894	2.29%	0.474%
26	8.654	1267	1274	1277	rBV3	982557	1913930	3.37%	0.699%
27	8.697	1277	1281	1291	rVB	2965663	4958517	8.74%	1.812%
28	8.885	1305	1312	1318	rVV5	403229	986280	1.74%	0.360%
29	9.026	1330	1335	1340	rVB	425960	654276	1.15%	0.239%
30	9.148	1346	1355	1360	rBV2	792747	1482963	2.61%	0.542%
31	9.209	1360	1365	1369	rBV	1167185	1790913	3.16%	0.654%
32	9.550	1416	1421	1426	rVV3	447162	941637	1.66%	0.344%
33	10.099	1507	1511	1515	rVB	2989851	3835062	6.76%	1.401%
34	10.172	1520	1523	1531	rVB4	451101	924870	1.63%	0.338%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015863.D
Acq On : 23 Apr 2020 00:56
Operator : JC/SP
Sample : L2380-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001IW091-200421

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	10.824	1622	1630	1637	rBV2	365636	765993	1.35%	0.280%
36	11.001	1652	1659	1664	rBV	8313010	11142247	19.64%	4.071%
37	11.123	1674	1679	1684	rBV	2838239	3616152	6.37%	1.321%
38	11.342	1711	1715	1724	rVB	1593802	2238421	3.95%	0.818%
39	11.653	1761	1766	1775	rVB	1639110	2089121	3.68%	0.763%
40	11.757	1775	1783	1786	rBV	579109	863712	1.52%	0.316%
41	11.794	1786	1789	1792	rVV	519612	650506	1.15%	0.238%
42	11.903	1801	1807	1809	rBV	914012	1194177	2.10%	0.436%
43	11.934	1809	1812	1817	rVB	1143462	1442169	2.54%	0.527%
44	12.062	1828	1833	1839	rBV	3608146	4481314	7.90%	1.637%
45	12.220	1854	1859	1864	rVB	1968516	2383995	4.20%	0.871%
46	12.287	1864	1870	1875	rVV	38138716	48895173	86.18%	17.863%
47	12.354	1877	1881	1888	rVV	1833403	2264707	3.99%	0.827%
48	12.446	1891	1896	1902	rVV2	783879	996479	1.76%	0.364%
49	12.653	1921	1930	1932	rBV	481407	664258	1.17%	0.243%
50	12.684	1932	1935	1940	rVV	2699587	3297306	5.81%	1.205%
51	12.738	1940	1944	1951	rVB	8346612	10838673	19.10%	3.960%
52	12.879	1960	1967	1973	rVB2	425246	696314	1.23%	0.254%
53	12.964	1973	1981	1985	rBV	1829068	2557386	4.51%	0.934%
54	13.068	1994	1998	2004	rVB2	521472	836714	1.47%	0.306%
55	13.153	2006	2012	2015	rBV	829185	1166412	2.06%	0.426%
56	13.336	2037	2042	2046	rBV	11186479	13433164	23.68%	4.908%
57	13.385	2046	2050	2054	rVB2	932795	1122850	1.98%	0.410%
58	13.464	2059	2063	2071	rVB	929244	1157313	2.04%	0.423%
59	13.580	2079	2082	2086	rBV2	466264	603002	1.06%	0.220%
60	13.629	2086	2090	2093	rVV2	1430012	1893599	3.34%	0.692%
61	13.683	2093	2099	2100	rVV2	974618	1408972	2.48%	0.515%
62	13.702	2100	2102	2108	rVB	1670664	1870406	3.30%	0.683%
63	13.964	2139	2145	2149	rBV2	532643	699536	1.23%	0.256%
64	14.013	2149	2153	2157	rVV	604556	706269	1.24%	0.258%
65	14.256	2188	2193	2198	rBV	949977	1377829	2.43%	0.503%
66	14.360	2206	2210	2215	rBV	809754	978526	1.72%	0.357%
67	14.415	2215	2219	2224	rVB2	552116	721727	1.27%	0.264%

Sum of corrected areas: 273723973

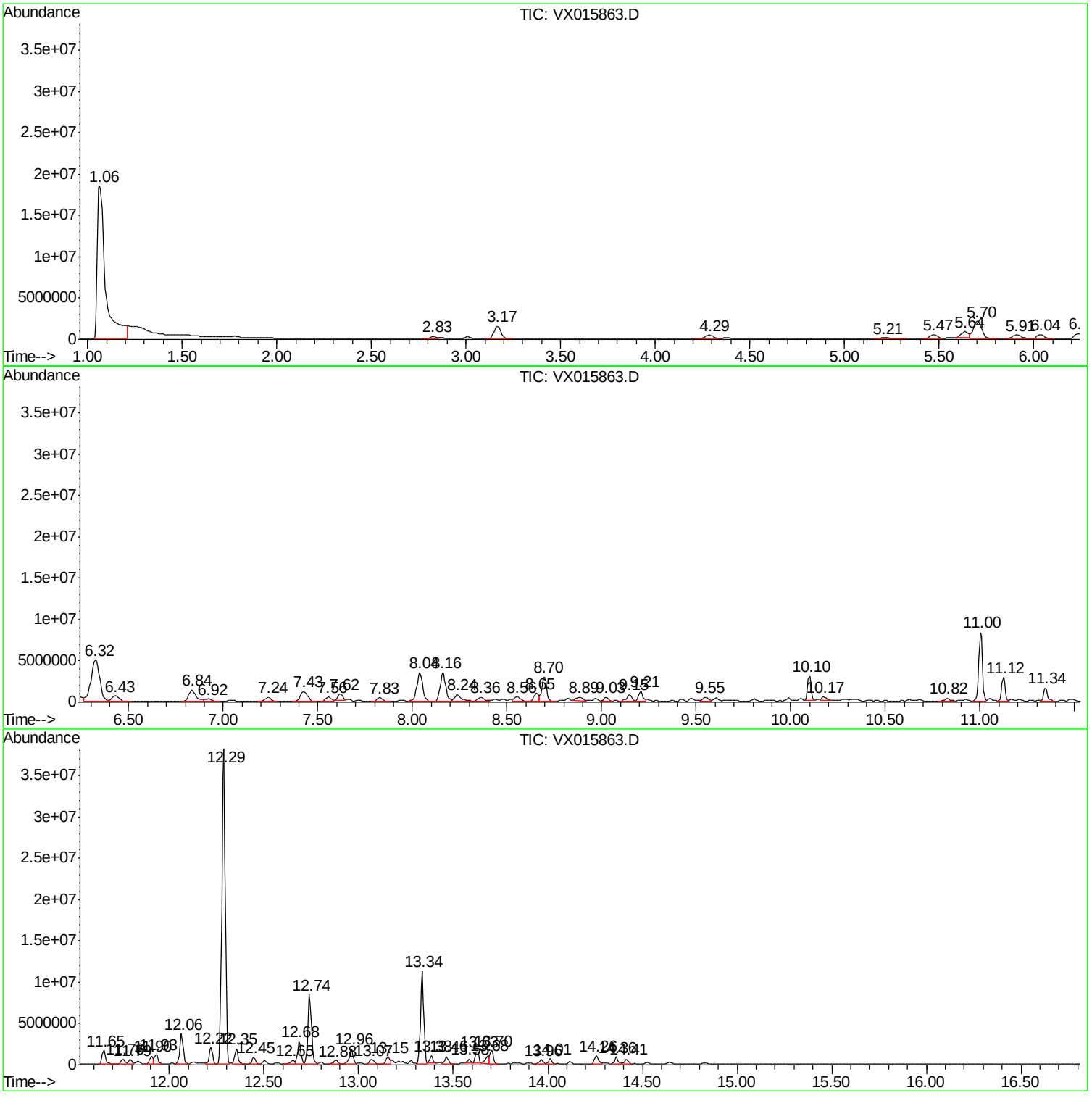
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015863.D
Acq On : 23 Apr 2020 00:56
Operator : JC/SP
Sample : L2380-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY001IW091-200421

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 : VX015863.D
Acq On : 23 Apr 2020 00:56
Operator : JC/SP
Sample : L2380-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001IW091-200421

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

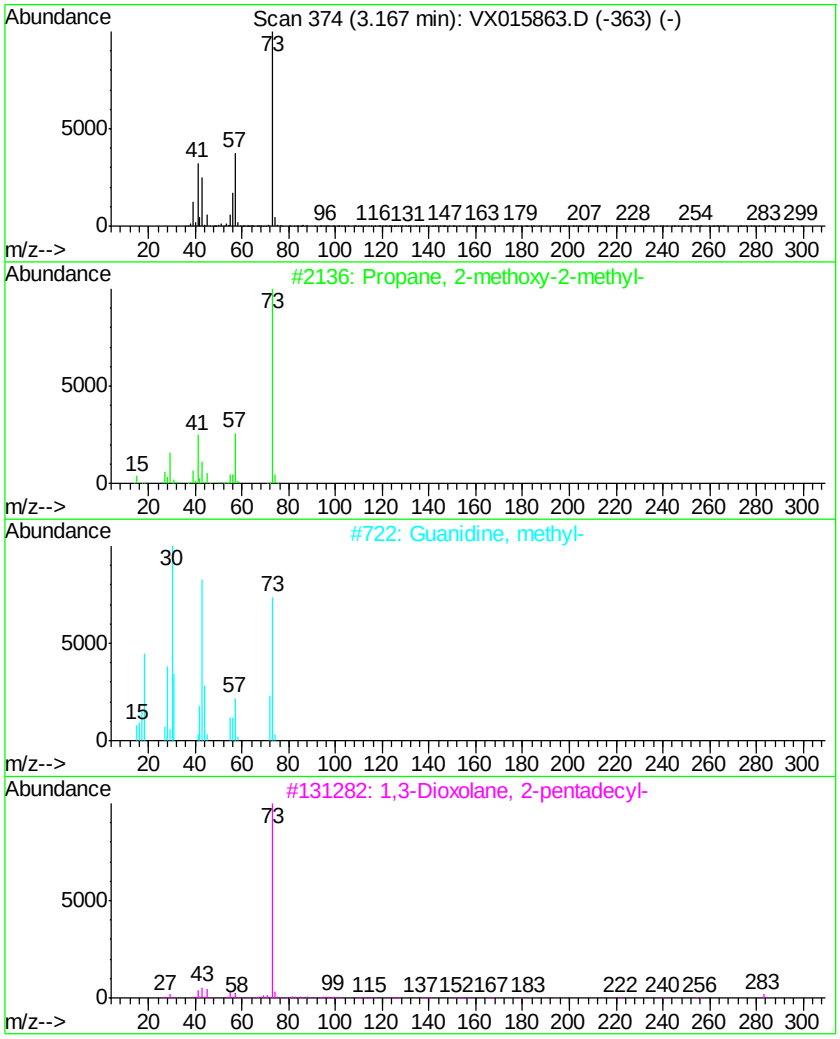
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

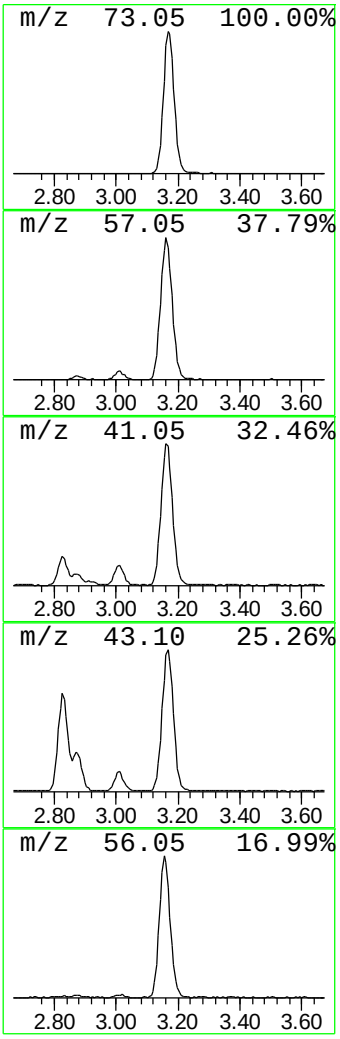
****

Peak Number 2 Propane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	101.51 ug/l	3907500	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	64
2	Guanidine, methyl-	73	C2H7N3	000471-29-4	9
3	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
4	Valeric acid hydrazide	116	C5H12N2O	038291-82-6	9
5	Azetidine	57	C3H7N	000503-29-7	7





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015863.D
Acq On : 23 Apr 2020 00:56
Operator : JC/SP
Sample : L2380-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001IW091-200421

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

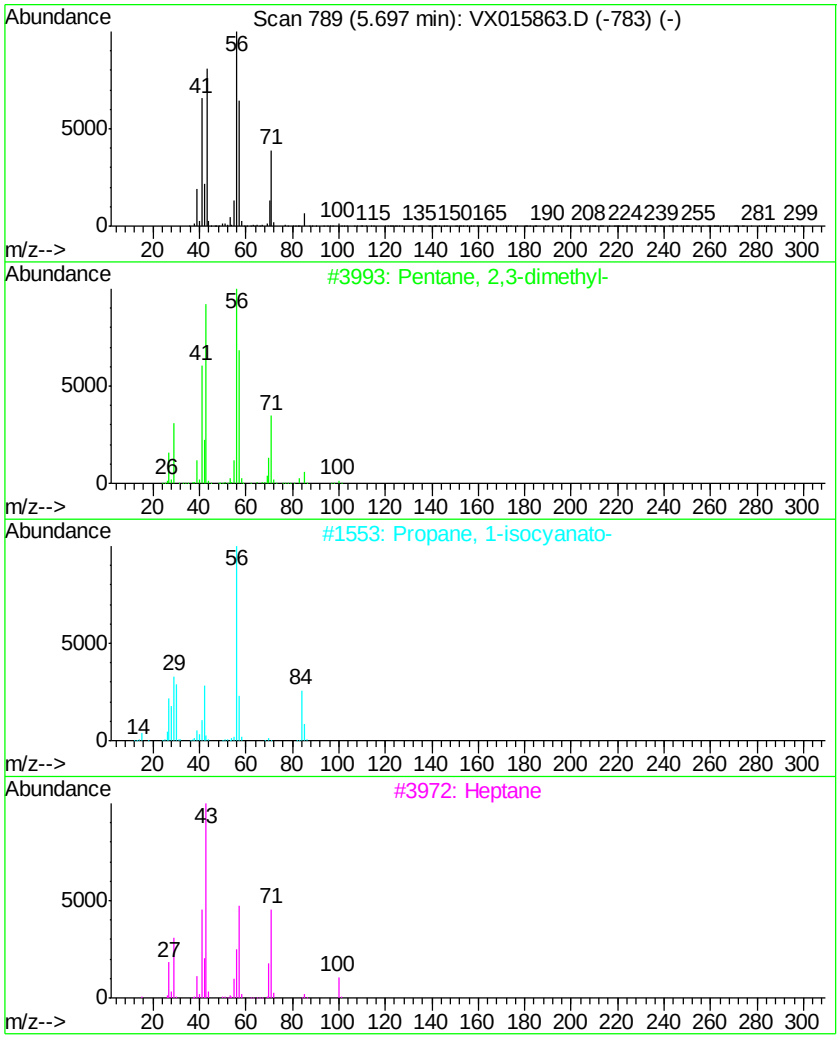
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

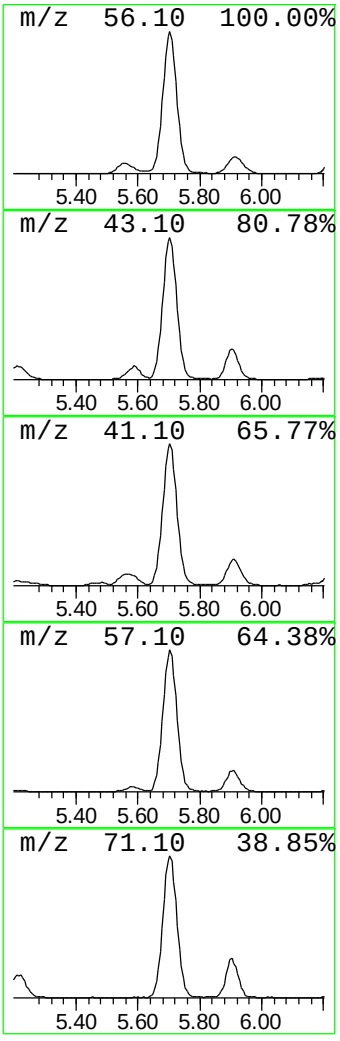
****

Peak Number 3 Pentane, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	173.62 ug/l	6683320	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	Heptane	100	C7H16	000142-82-5	37
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	36
5	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015863.D
Acq On : 23 Apr 2020 00:56
Operator : JC/SP
Sample : L2380-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001IW091-200421

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

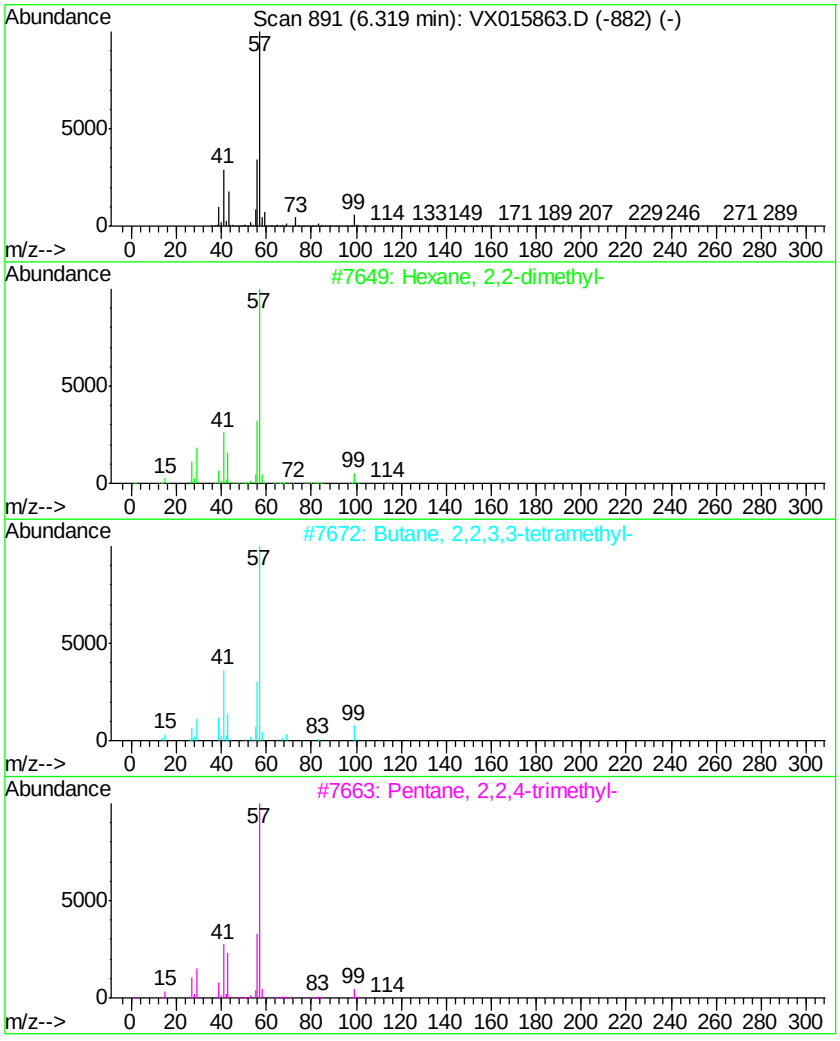
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

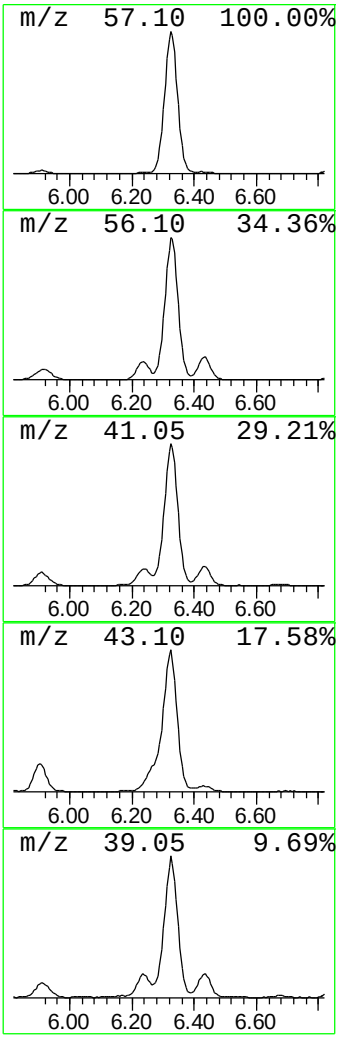
****

Peak Number 4 Hexane, 2,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	210.05 ug/l	15973900	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
4	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	53
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015863.D
Acq On : 23 Apr 2020 00:56
Operator : JC/SP
Sample : L2380-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001IW091-200421

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

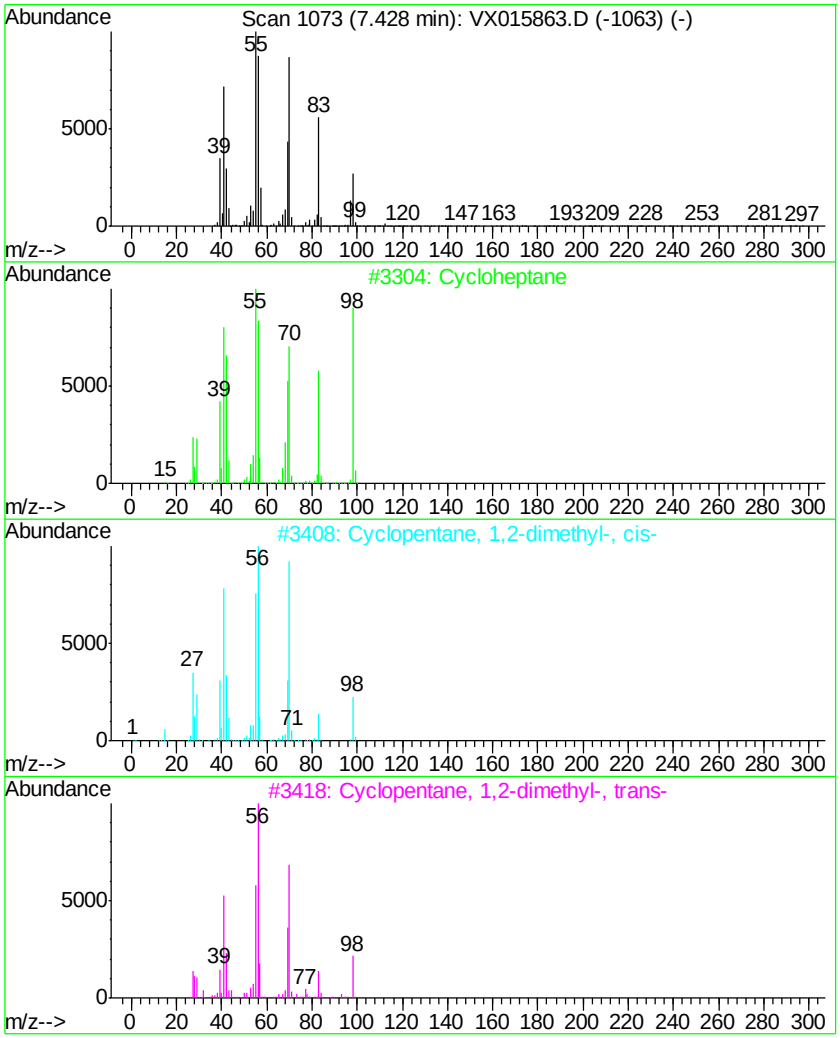
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

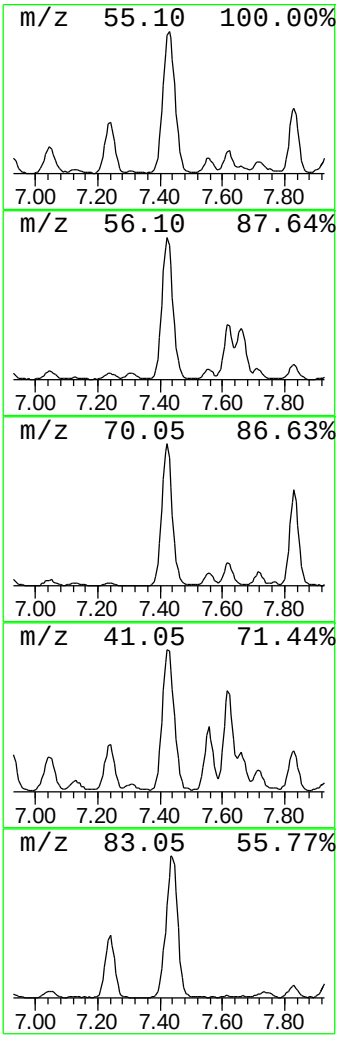
****

Peak Number 5 Cycloheptane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	43.37 ug/l	3298350	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane	98	C7H14	000291-64-5	80
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	74
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	72
4	Cyclobutanone, 3-ethyl-	98	C6H10O	056335-73-0	64
5	1-Heptene	98	C7H14	000592-76-7	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015863.D
Acq On : 23 Apr 2020 00:56
Operator : JC/SP
Sample : L2380-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001IW091-200421

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

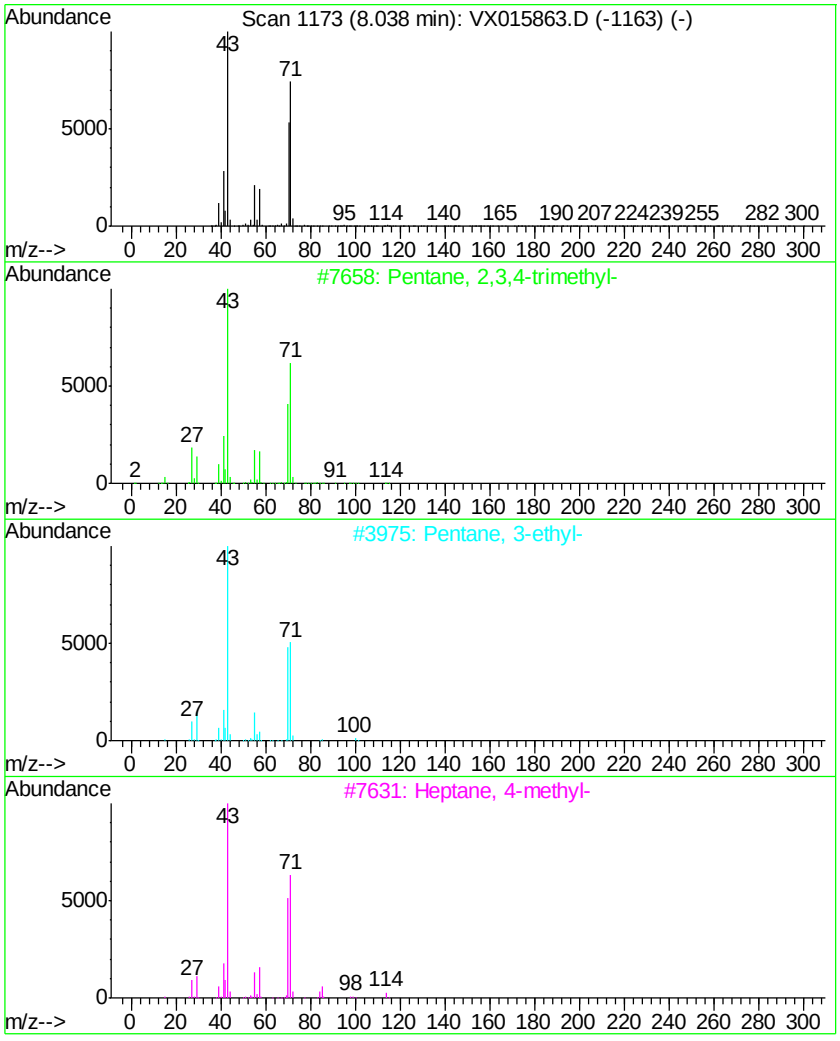
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

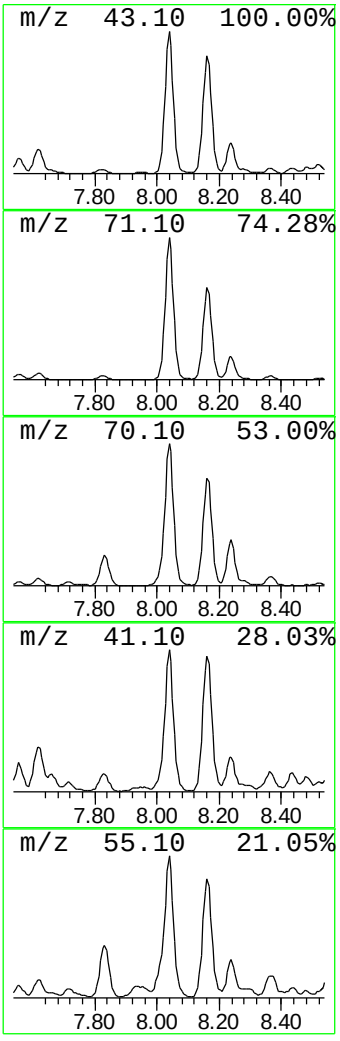
****

Peak Number 6 Pentane, 2,3,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	98.55 ug/l	7494650	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	Pentane, 3-ethyl-	100	C7H16	000617-78-7	74
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	74
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	72
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015863.D
Acq On : 23 Apr 2020 00:56
Operator : JC/SP
Sample : L2380-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001IW091-200421

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

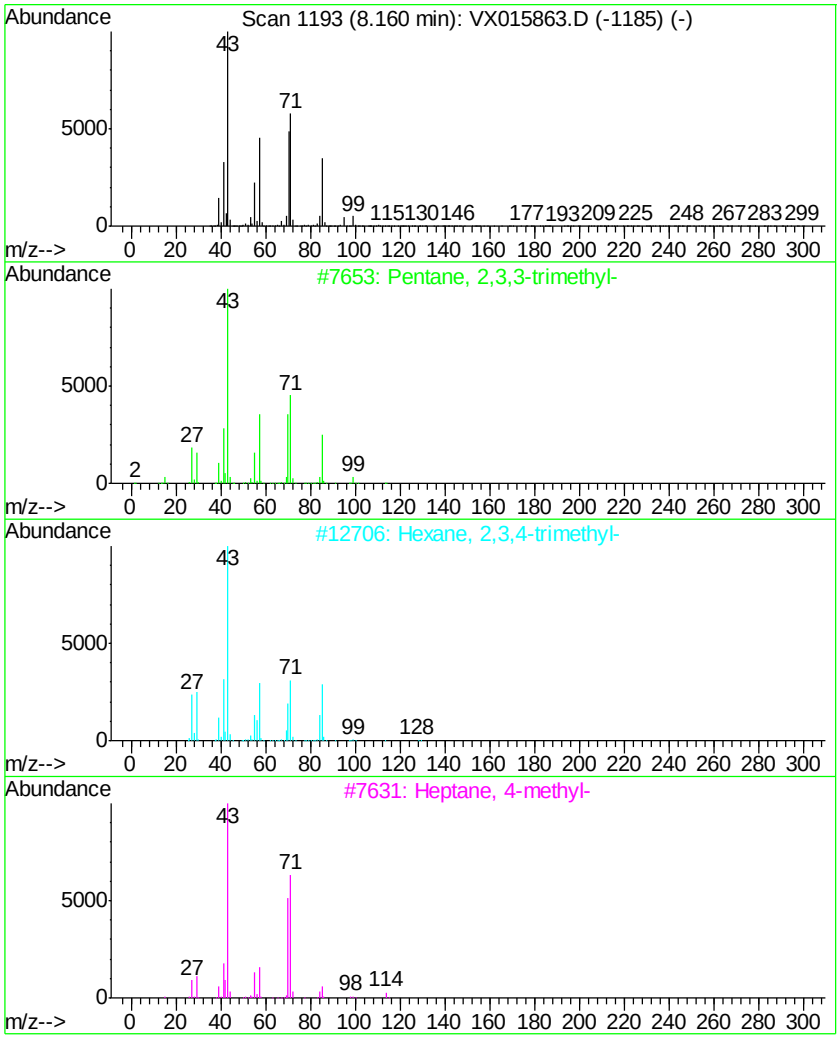
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

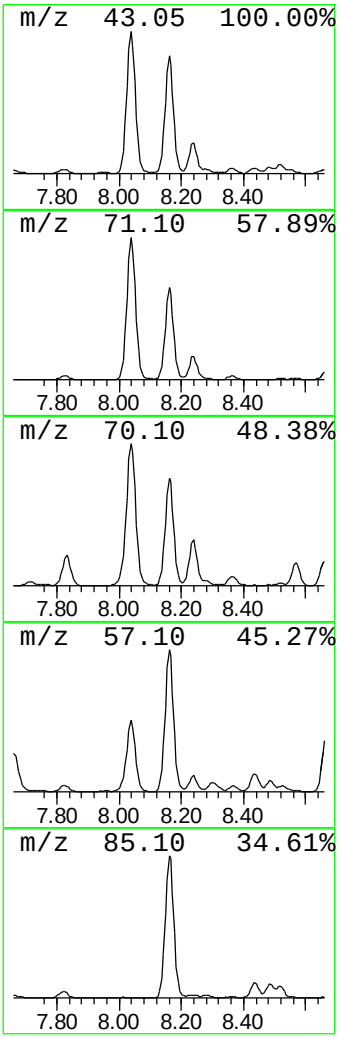
****

Peak Number 7 Pentane, 2,3,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	97.05 ug/l	7380440	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	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015863.D
Acq On : 23 Apr 2020 00:56
Operator : JC/SP
Sample : L2380-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001IW091-200421

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

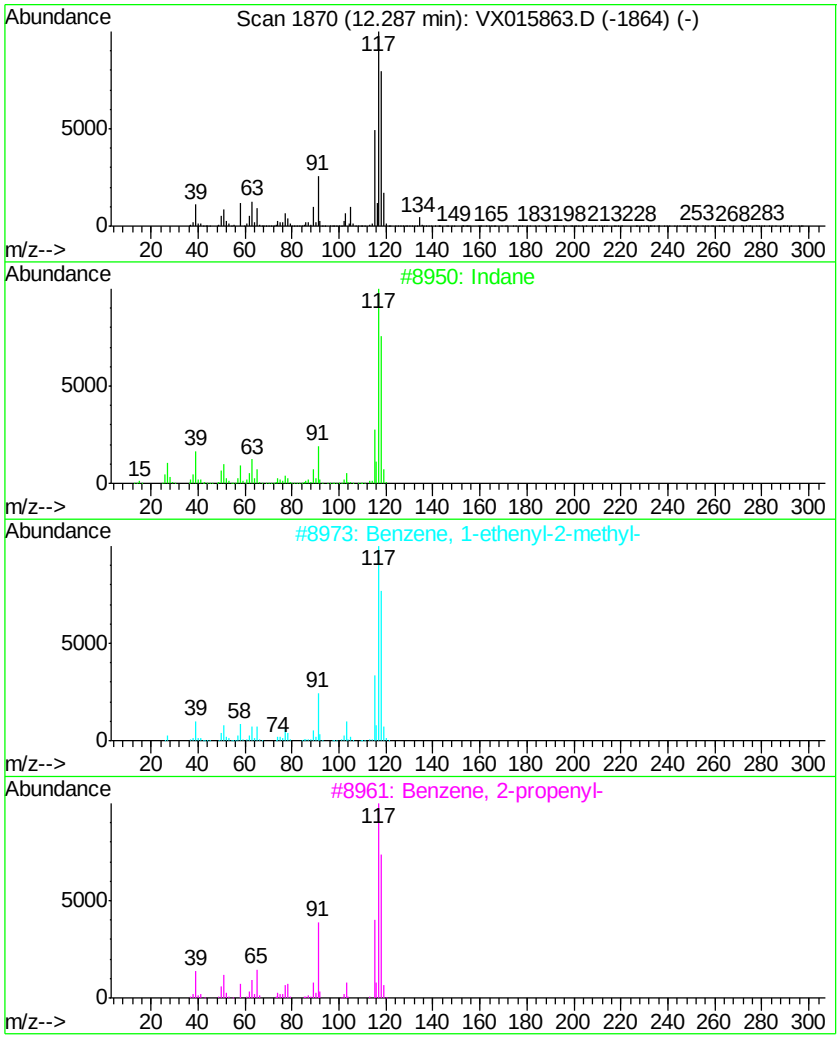
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

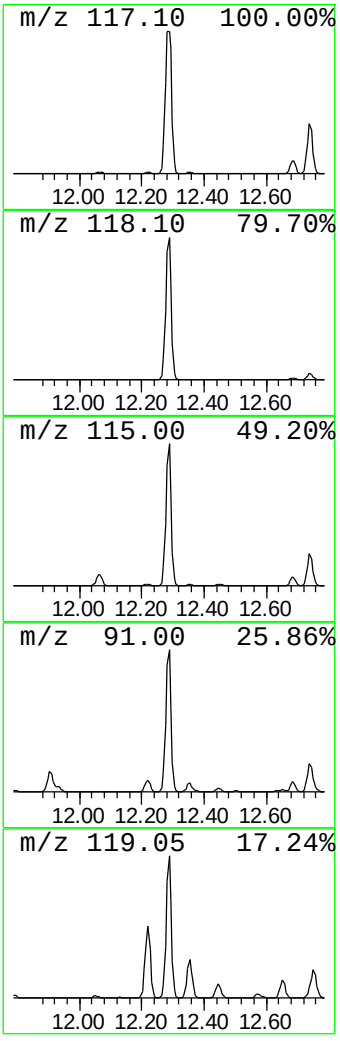
****

Peak Number 8 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	545.55 ug/l	48895200	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015863.D
Acq On : 23 Apr 2020 00:56
Operator : JC/SP
Sample : L2380-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001IW091-200421

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

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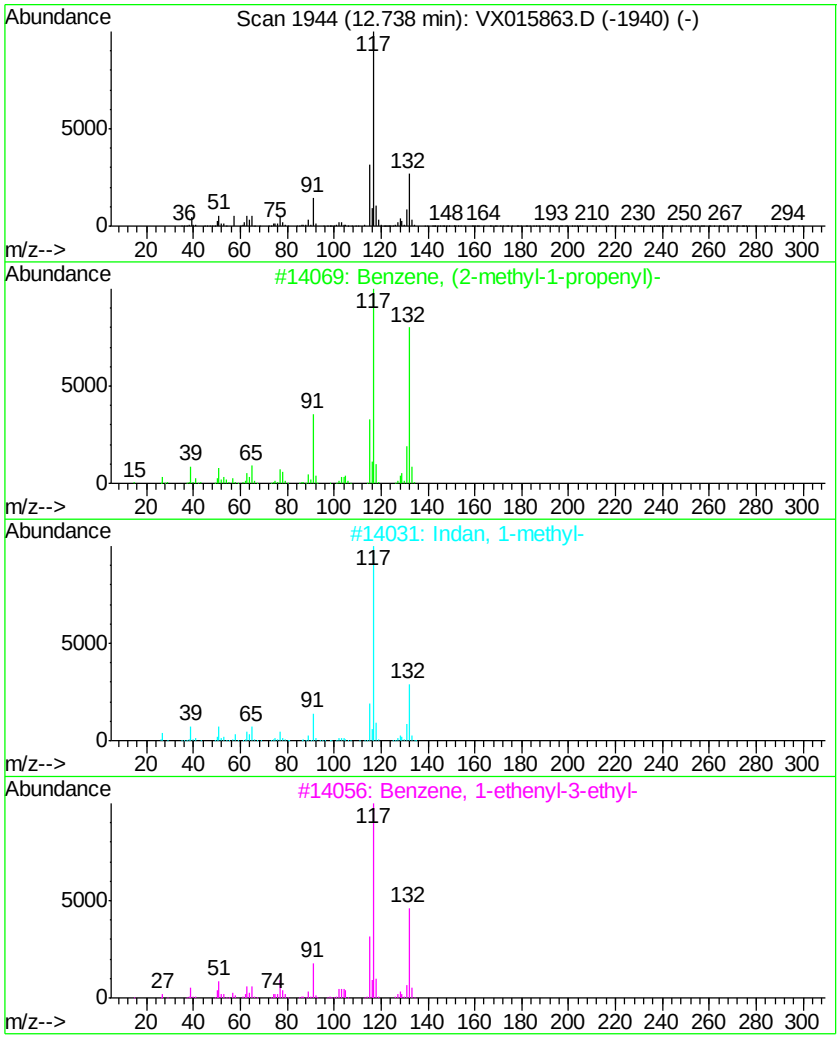
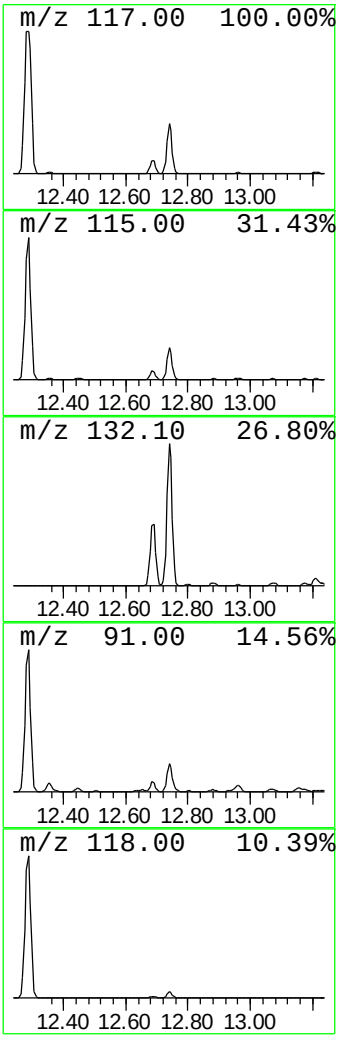
Peak Number 9 Benzene, (2-methyl-1-propen... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	120.93 ug/l	10838700	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	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015863.D
Acq On : 23 Apr 2020 00:56
Operator : JC/SP
Sample : L2380-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001IW091-200421

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

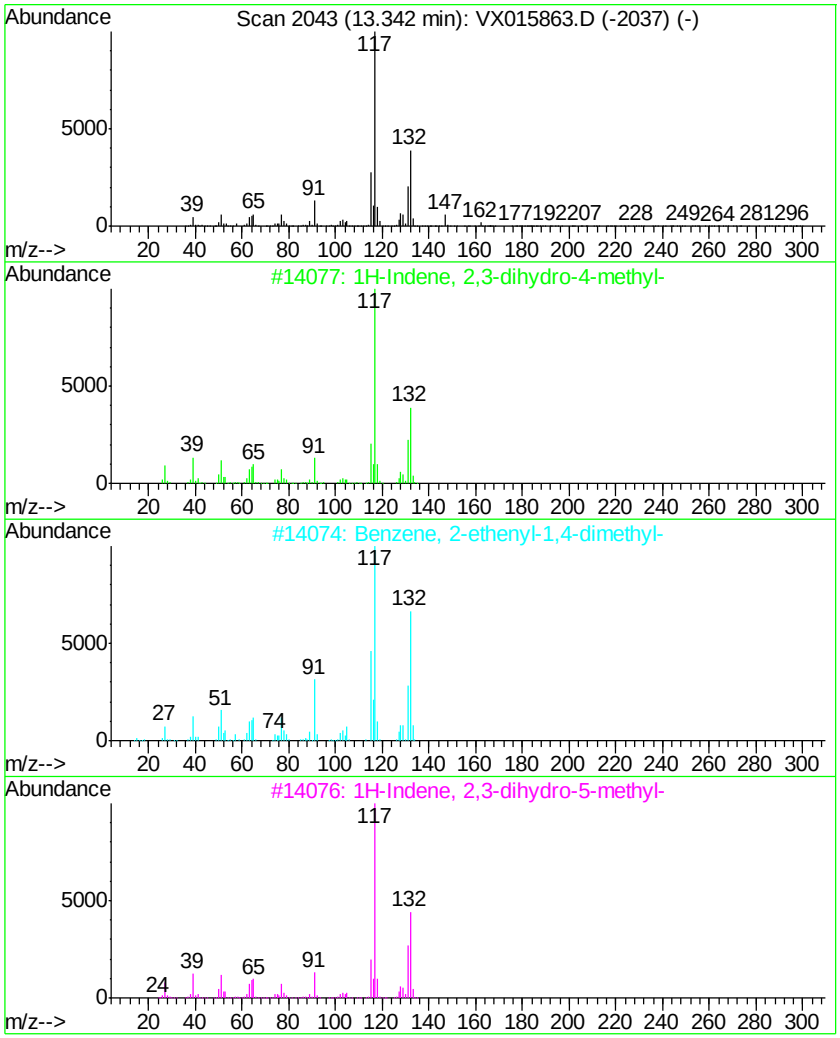
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

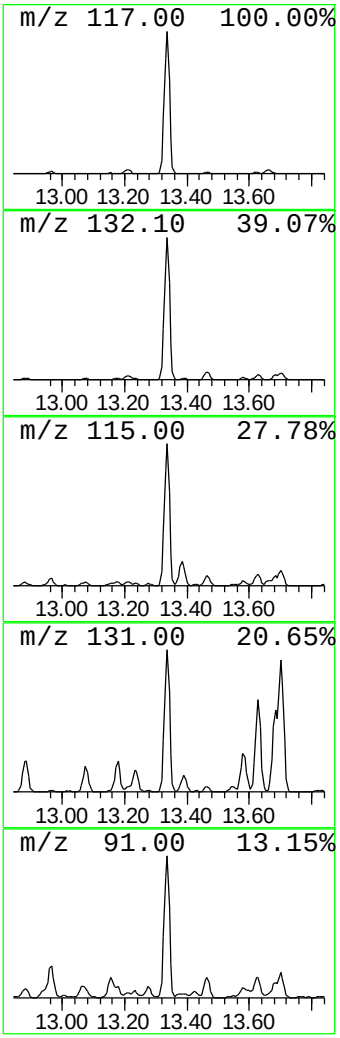
****

Peak Number 10 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	149.88 ug/l	13433200	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	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015863.D
Acq On : 23 Apr 2020 00:56
Operator : JC/SP
Sample : L2380-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001IW091-200421

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
Propane, 2-methox...	3.17	101.5	ug/l	3907500	1	5.64	1924730	50.0
Pentane, 2,3-dime...	5.70	173.6	ug/l	6683320	1	5.64	1924730	50.0
Hexane, 2,2-dimet...	6.32	210.1	ug/l	15973900	2	6.84	3802430	50.0
Cycloheptane	7.43	43.4	ug/l	3298350	2	6.84	3802430	50.0
Pentane, 2,3,4-tr...	8.04	98.5	ug/l	7494650	2	6.84	3802430	50.0
Pentane, 2,3,3-tr...	8.16	97.0	ug/l	7380440	2	6.84	3802430	50.0
Indane	12.29	545.5	ug/l	48895200	4	12.06	4481310	50.0
Benzene, (2-methy...	12.74	120.9	ug/l	10838700	4	12.06	4481310	50.0
1H-Indene, 2,3-di...	13.34	149.9	ug/l	13433200	4	12.06	4481310	50.0