LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
Data File : VX008639.D
Acq On : 04 Apr 2019 16:30
Operator : JC/SP
Sample : K2263-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-7

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\82X040319W.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	1.300	20	24	33	rVB	48237	53033	3.19%	0.192%
2	1.404	35	41	47	rBV2	242523	331367	19.96%	1.202%
3	1.459	47	50	58	rVB	28337	30168	1.82%	0.109%
4	1.532	58	62	66	rBV	36587	36662	2.21%	0.133%
5	1.690	83	88	97	rVB	28679	40321	2.43%	0.146%
6	1.788	98	104	117	rVB	524359	786553	47.39%	2.853%
7	1.946	125	130	134	rBV	98287	140309	8.45%	0.509%
8	1.995	134	138	150	rVB	383090	573500	34.55%	2.080%
9	2.117	152	158	164	rBV	74465	109593	6.60%	0.398%
10	2.215	164	174	180	rVB	43703	72796	4.39%	0.264%
11	2.392	194	203	207	rBV	19512	38725	2.33%	0.140%
12	2.440	207	211	222	rVB	23089	41355	2.49%	0.150%
13	2.782	255	267	272	rBV5	28505	90382	5.45%	0.328%
14	2.843	272	277	280	rVV	46819	103461	6.23%	0.375%
15	2.891	280	285	288	rVV	131887	287321	17.31%	1.042%
16	2.934	288	292	305	rVB2	181969	415907	25.06%	1.509%
17	3.172	320	331	342	rBV	117022	276873	16.68%	1.004%
18	3.410	361	370	379	rBV2	30346	70660	4.26%	0.256%
19	3.525	380	389	405	rVB2	95398	220535	13.29%	0.800%
20	3.672	405	413	419	rBV	22468	54747	3.30%	0.199%
21	3.751	419	426	435	rVB2	26948	70991	4.28%	0.258%
22	4.001	458	467	469	rBV2	17684	41673	2.51%	0.151%
23	4.403	522	533	548	rVB	443577	1289122	77.66%	4.677%
24	5.501	697	713	718	rBV	127884	382178	23.02%	1.386%
25	5.580	718	726	734	rVV	500503	1576933	95.00%	5.721%
26	5.659	734	739	770	rVV	227406	751739	45.29%	2.727%
27	5.934	770	784	796	rVV4	53054	181223	10.92%	0.657%
28	6.062	796	805	815	rVV	158882	418319	25.20%	1.518%
29	6.141	815	818	826	rVV2	12456	29480	1.78%	0.107%
30	6.263	826	838	847	rVV3	43311	168813	10.17%	0.612%
31	6.354	847	853	861	rVV3	56066	164057	9.88%	0.595%
32	6.458	861	870	880	rVB3	59839	170541	10.27%	0.619%
33	6.708	902	911	920	rBV2	30216	85698	5.16%	0.311%
34	6.860	927	936	956	rVB	366543	876855	52.83%	3.181%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
Data File : VX008639.D
Acq On : 04 Apr 2019 16:30
Operator : JC/SP
Sample : K2263-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-7

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\82X040319W.M
Title : SW846 8260

35	7.464	1024	1035	1044	rBV	409692	944760	56.92%	3.427%
36	7.732	1072	1079	1091	rVB3	41127	84260	5.08%	0.306%
37	7.958	1104	1116	1123	rBV5	21646	79489	4.79%	0.288%
38	8.500	1199	1205	1210	rBV2	25883	44636	2.69%	0.162%
39	8.567	1210	1216	1224	rVB	73927	123212	7.42%	0.447%
40	8.665	1224	1232	1234	rBV3	31234	70903	4.27%	0.257%
41	8.714	1234	1240	1247	rVV	770616	1229008	74.04%	4.458%
42	8.781	1247	1251	1256	rVV	33285	59203	3.57%	0.215%
43	8.835	1256	1260	1264	rVV3	18550	34630	2.09%	0.126%
44	8.903	1264	1271	1278	rVV	80101	141055	8.50%	0.512%
45	9.037	1288	1293	1299	rVB	24284	41271	2.49%	0.150%
46	9.165	1306	1314	1320	rBV2	16377	28415	1.71%	0.103%
47	9.500	1363	1369	1375	rBV	126578	200631	12.09%	0.728%
48	9.573	1375	1381	1385	rVV4	15367	32581	1.96%	0.118%
49	9.622	1385	1389	1393	rVV2	24330	35960	2.17%	0.130%
50	10.073	1457	1463	1466	rBV	139300	252522	15.21%	0.916%
51	10.110	1466	1469	1474	rVV	711522	953361	57.44%	3.458%
52	10.158	1474	1477	1480	rVV2	73149	95619	5.76%	0.347%
53	10.201	1480	1484	1488	rVB	209985	267765	16.13%	0.971%
54	10.250	1488	1492	1497	rVB	343261	442268	26.64%	1.604%
55	10.360	1504	1510	1515	rVB	479948	673753	40.59%	2.444%
56	10.695	1560	1565	1578	rVB	1253067	1659879	100.00%	6.022%
57	10.841	1580	1589	1597	rBV3	141558	305697	18.42%	1.109%
58	10.939	1602	1605	1611	rVB4	14241	28887	1.74%	0.105%
59	11.018	1612	1618	1623	rBV	65024	86023	5.18%	0.312%
60	11.134	1630	1637	1642	rBV	601939	785022	47.29%	2.848%
61	11.225	1646	1652	1657	rVB2	118523	203584	12.26%	0.739%
62	11.323	1662	1668	1671	rVV	147703	210633	12.69%	0.764%
63	11.359	1671	1674	1677	rVV	114748	149799	9.02%	0.543%
64	11.390	1677	1679	1682	rVV	32895	38158	2.30%	0.138%
65	11.433	1682	1686	1687	rVV	335913	371476	22.38%	1.348%
66	11.451	1687	1689	1693	rVV	349460	414123	24.95%	1.502%
67	11.506	1693	1698	1705	rVB	389280	501386	30.21%	1.819%
68	11.664	1719	1724	1733	rBV	692765	872255	52.55%	3.164%
69	11.750	1733	1738	1742	rBV	94501	122718	7.39%	0.445%
70	11.804	1742	1747	1751	rVV	374140	454117	27.36%	1.647%
71	11.847	1751	1754	1759	rVB	87051	106086	6.39%	0.385%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
Data File : VX008639.D
Acq On : 04 Apr 2019 16:30
Operator : JC/SP
Sample : K2263-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-7

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\82X040319W.M
Title : SW846 8260

72	11.939	1762	1769	1777	rBV4	226548	399668	24.08%	1.450%
73	12.024	1779	1783	1787	rBV2	32226	41624	2.51%	0.151%
74	12.073	1787	1791	1798	rVB	643433	864503	52.08%	3.136%
75	12.140	1798	1802	1809	rBV	857069	1125461	67.80%	4.083%
76	12.201	1809	1812	1815	rVB	63572	67913	4.09%	0.246%
77	12.298	1821	1828	1835	rBV3	291319	559423	33.70%	2.029%
78	12.371	1835	1840	1848	rVB2	219850	339620	20.46%	1.232%
79	12.457	1850	1854	1859	rBV2	28036	36681	2.21%	0.133%
80	12.518	1859	1864	1869	rVB	96284	128450	7.74%	0.466%
81	12.585	1869	1875	1877	rBV	41254	59919	3.61%	0.217%
82	12.609	1877	1879	1884	rVV2	47836	57770	3.48%	0.210%
83	12.664	1884	1888	1891	rVV	230175	264643	15.94%	0.960%
84	12.695	1891	1893	1899	rVV3	43014	62244	3.75%	0.226%
85	12.756	1899	1903	1910	rVB2	136989	213362	12.85%	0.774%
86	12.816	1910	1913	1921	rVB6	18362	30933	1.86%	0.112%
87	12.902	1921	1927	1932	rVB2	85687	131341	7.91%	0.476%
88	12.975	1932	1939	1942	rBV	95467	132459	7.98%	0.481%
89	13.018	1942	1946	1951	rVB	134110	169740	10.23%	0.616%
90	13.079	1951	1956	1957	rBV3	21048	29000	1.75%	0.105%
91	13.225	1976	1980	1983	rVV	50546	61961	3.73%	0.225%
92	13.347	1995	2000	2005	rVB2	191409	250805	15.11%	0.910%
93	13.481	2017	2022	2030	rVB	33261	51107	3.08%	0.185%
94	13.639	2044	2048	2053	rVV3	36021	70119	4.22%	0.254%
95	13.694	2054	2057	2059	rVV2	21177	29599	1.78%	0.107%
96	13.719	2059	2061	2067	rVB2	25651	38448	2.32%	0.139%
97	13.835	2073	2080	2088	rVB	64187	91428	5.51%	0.332%
98	14.267	2146	2151	2161	rBV2	16756	35743	2.15%	0.130%
99	14.694	2217	2221	2230	rVB	44418	61814	3.72%	0.224%
100	14.840	2240	2245	2254	rVB2	20364	33055	1.99%	0.120%

Sum of corrected areas: 27565868

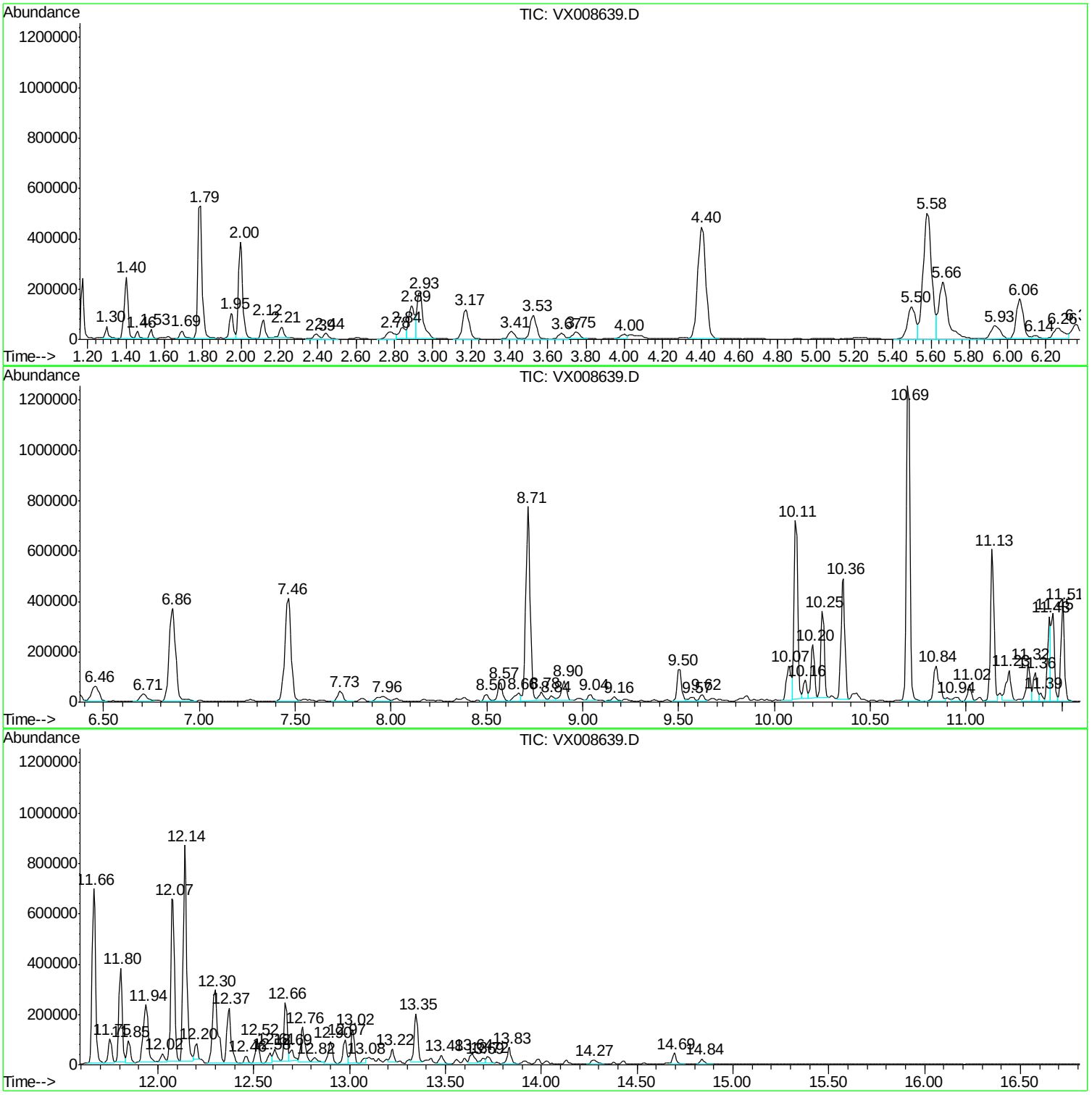
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008639.D
Acq On : 04 Apr 2019 16:30
Operator : JC/SP
Sample : K2263-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.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\VX040419\
Data File : VX008639.D
Acq On : 04 Apr 2019 16:30
Operator : JC/SP
Sample : K2263-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260

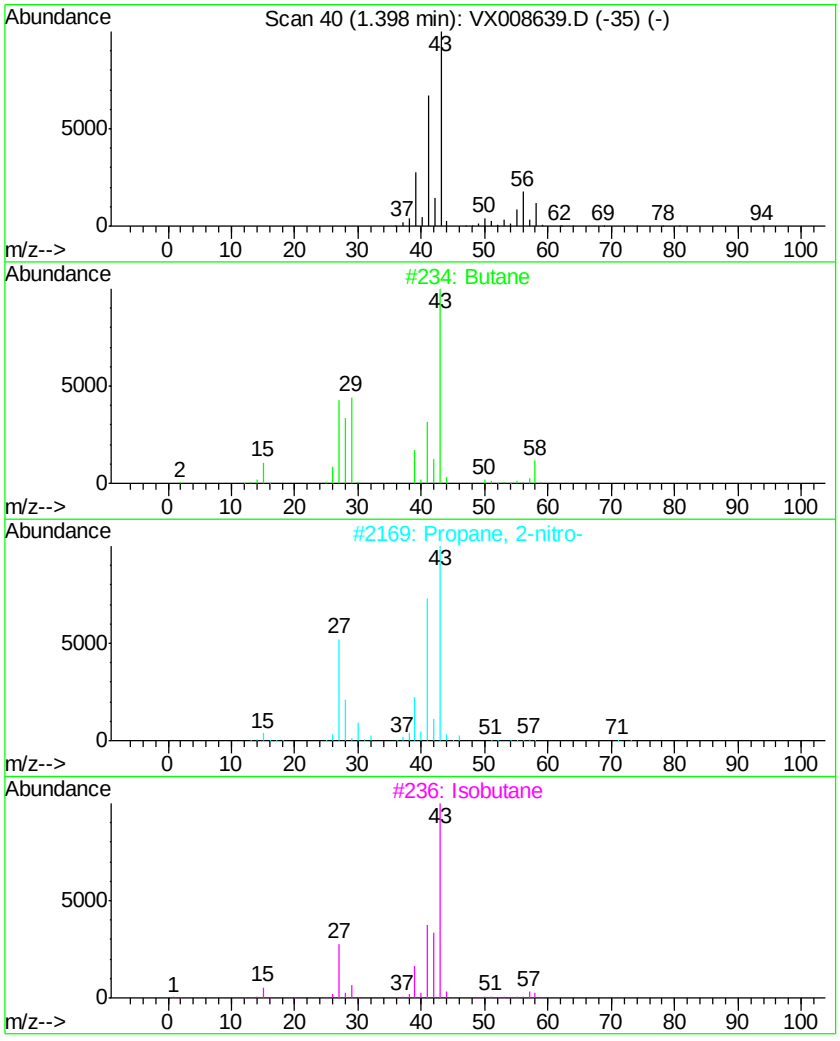
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

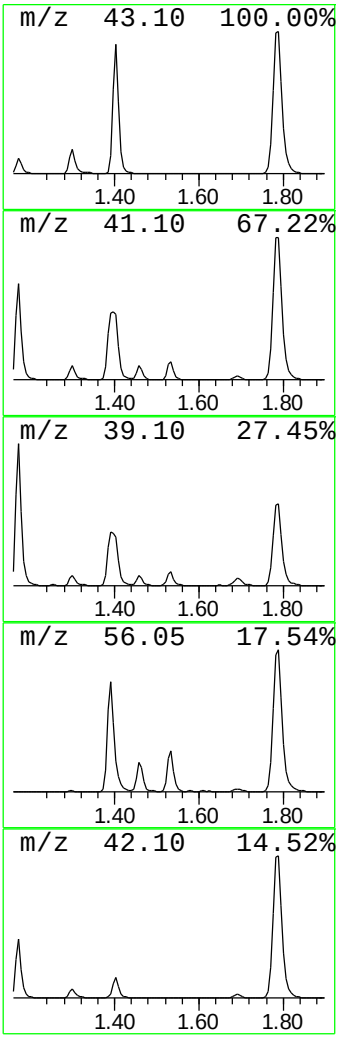
****

Peak Number 1 Butane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.40	22.04 ug/l	331367	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	64
2	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9
3	Isobutane	58	C4H10	000075-28-5	9
4	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
5	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008639.D
Acq On : 04 Apr 2019 16:30
Operator : JC/SP
Sample : K2263-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260

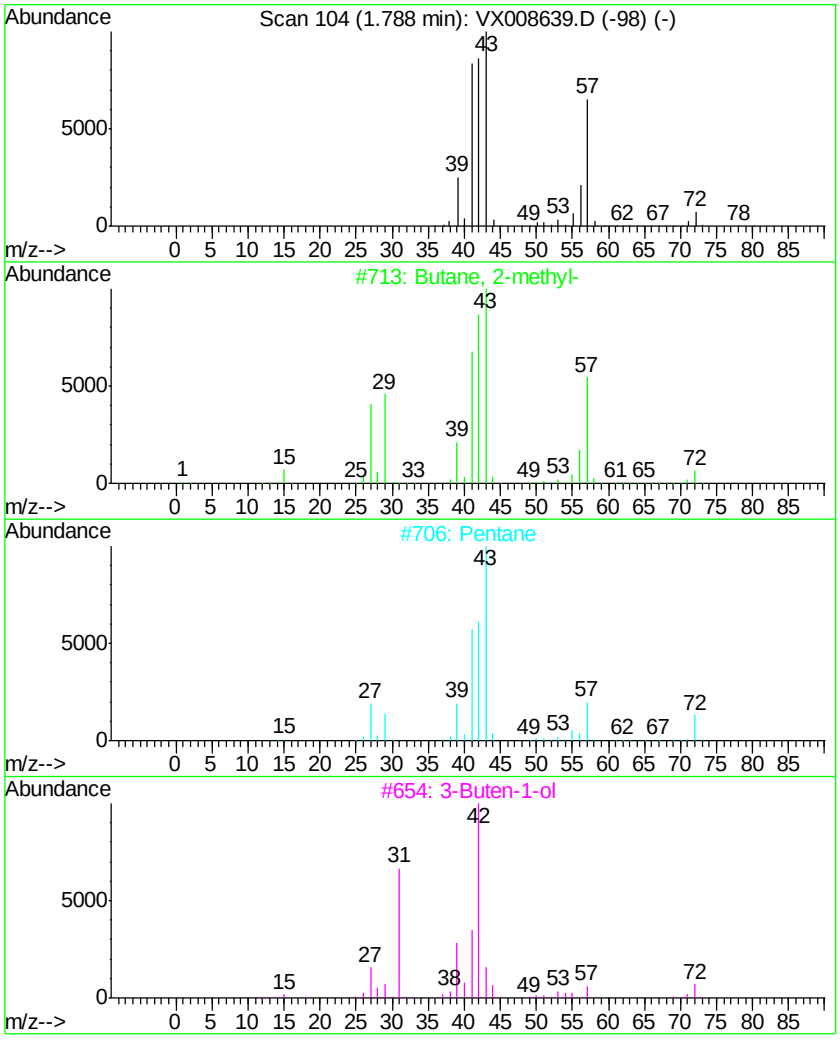
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

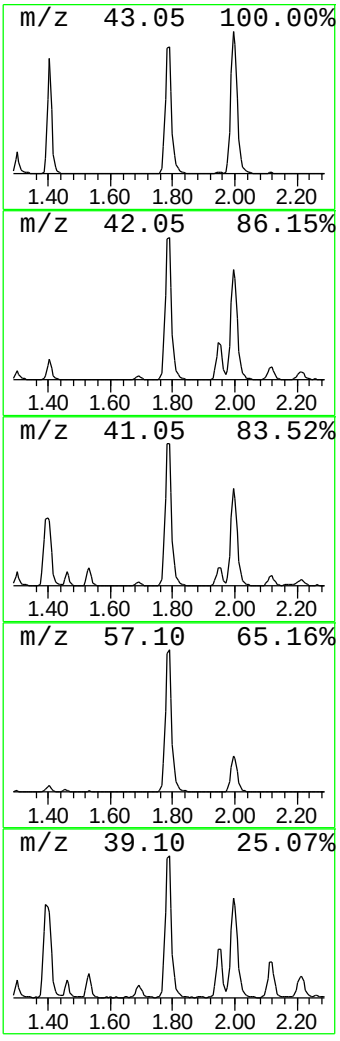
****

Peak Number 2 Butane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	52.32 ug/l	786553	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Pentane	72	C5H12	000109-66-0	33
3	3-Buten-1-ol	72	C4H8O	000627-27-0	28
4	1-Butene	56	C4H8	000106-98-9	9
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008639.D
Acq On : 04 Apr 2019 16:30
Operator : JC/SP
Sample : K2263-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260

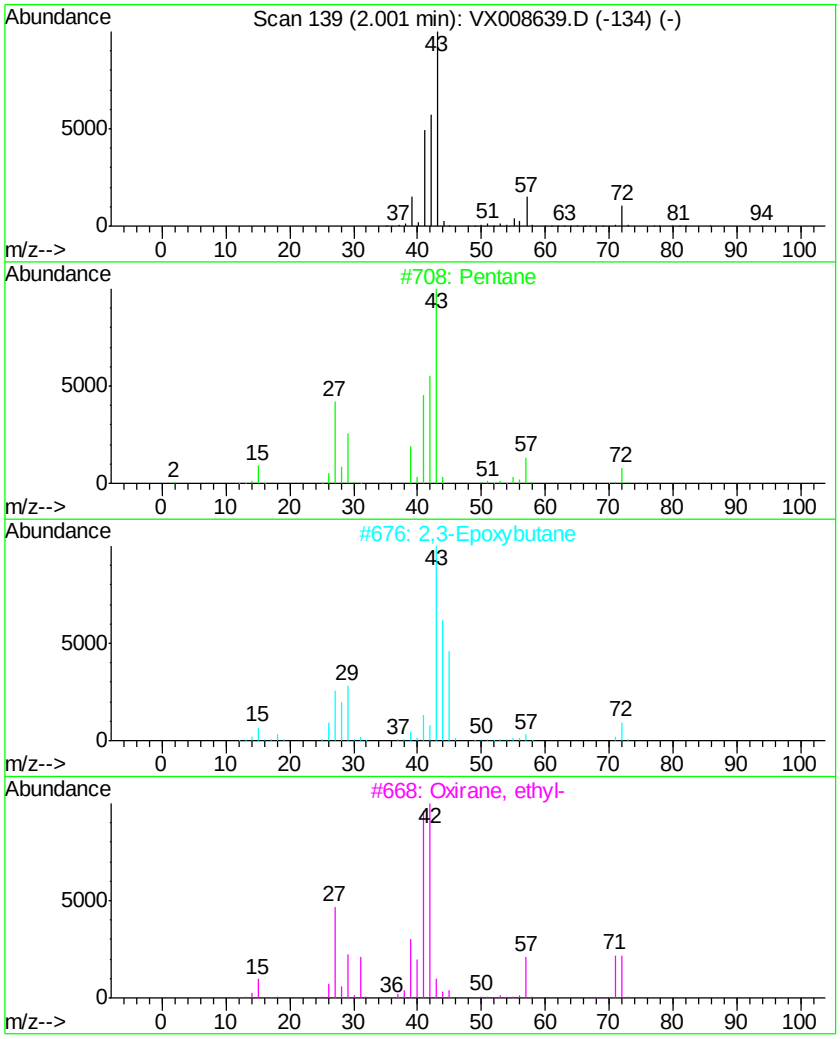
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

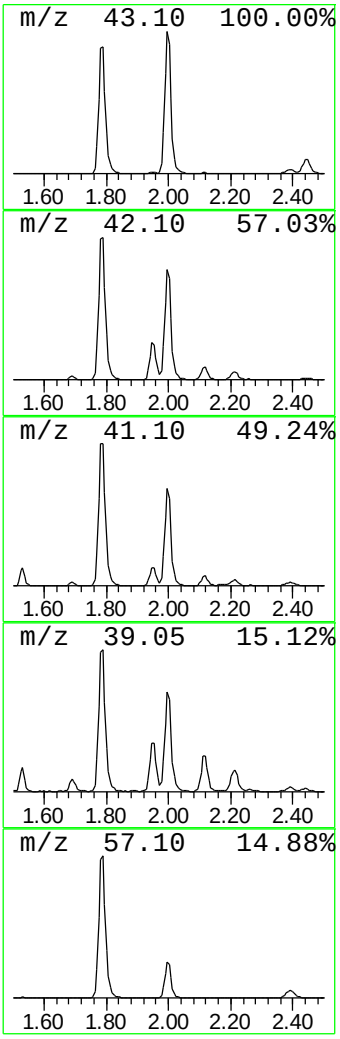
****

Peak Number 3 Pentane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	38.14 ug/l	573500	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	2,3-Epoxybutane	72	C4H8O	003266-23-7	7
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	7
4	Propanal, 2-methyl-	72	C4H8O	000078-84-2	5
5	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	5





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008639.D
Acq On : 04 Apr 2019 16:30
Operator : JC/SP
Sample : K2263-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260

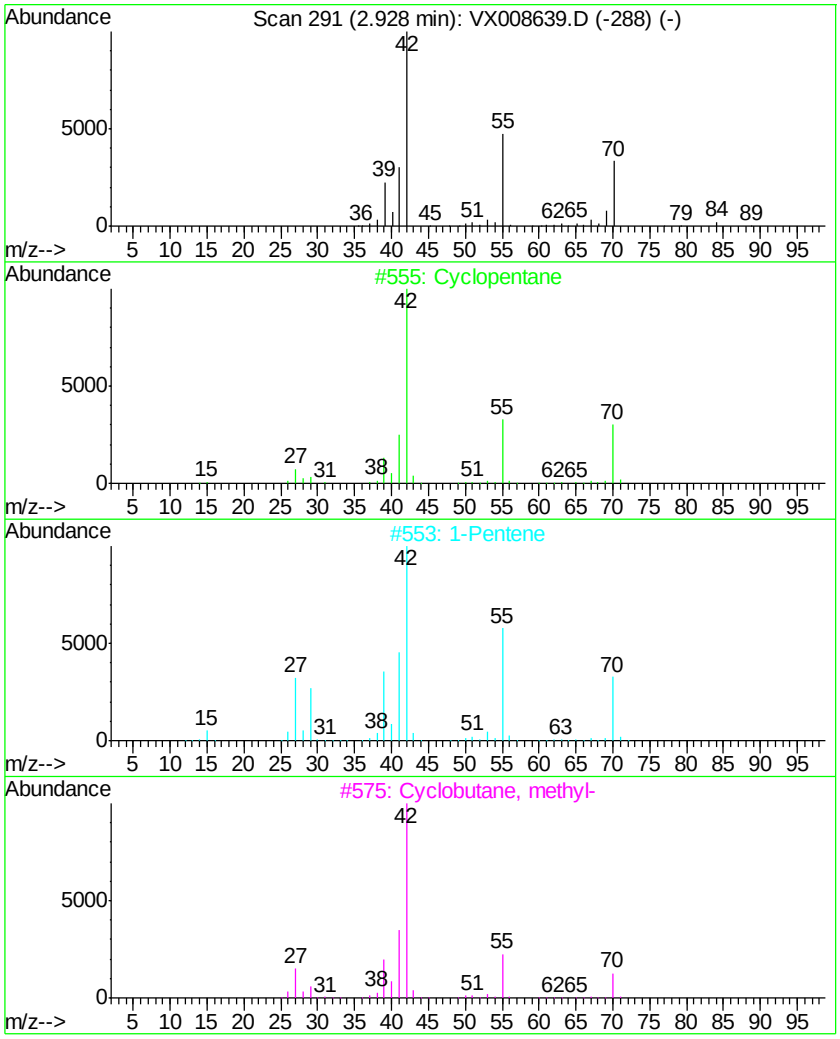
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

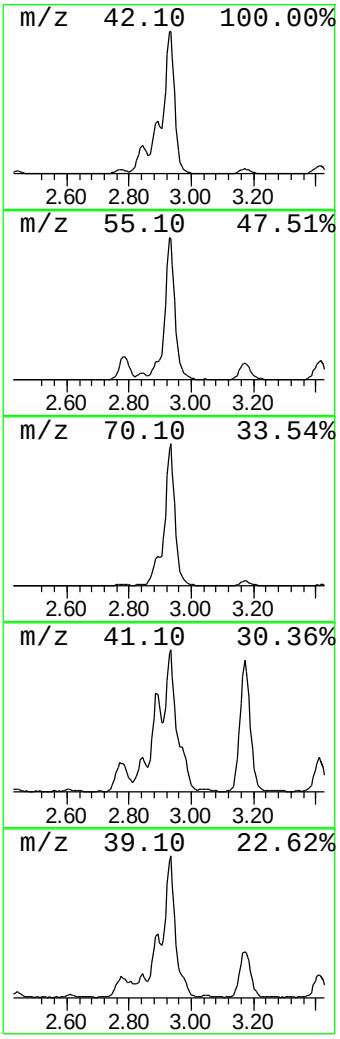
****

Peak Number 4 Cyclopentane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	27.66 ug/l	415907	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	80
2	1-Pentene	70	C5H10	000109-67-1	64
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	64
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	9
5	Cyclobutanone	70	C4H6O	001191-95-3	7





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008639.D
Acq On : 04 Apr 2019 16:30
Operator : JC/SP
Sample : K2263-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260

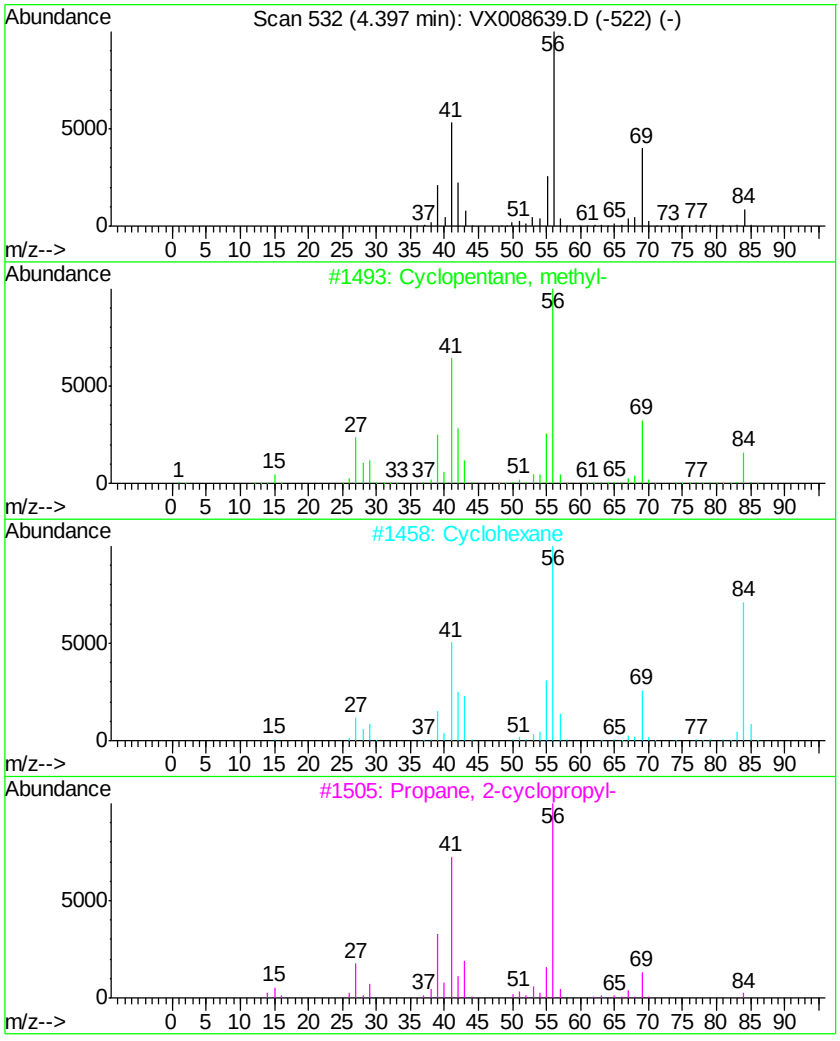
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

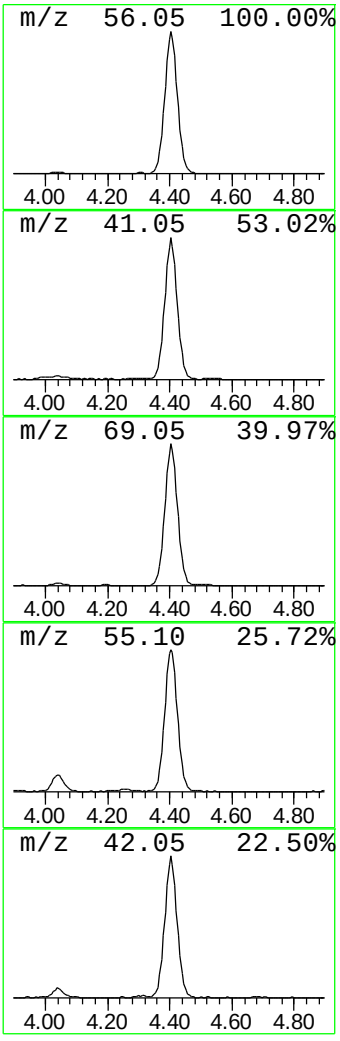
****

Peak Number 5 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	85.74 ug/l	1289120	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	78
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	72
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008639.D
Acq On : 04 Apr 2019 16:30
Operator : JC/SP
Sample : K2263-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260

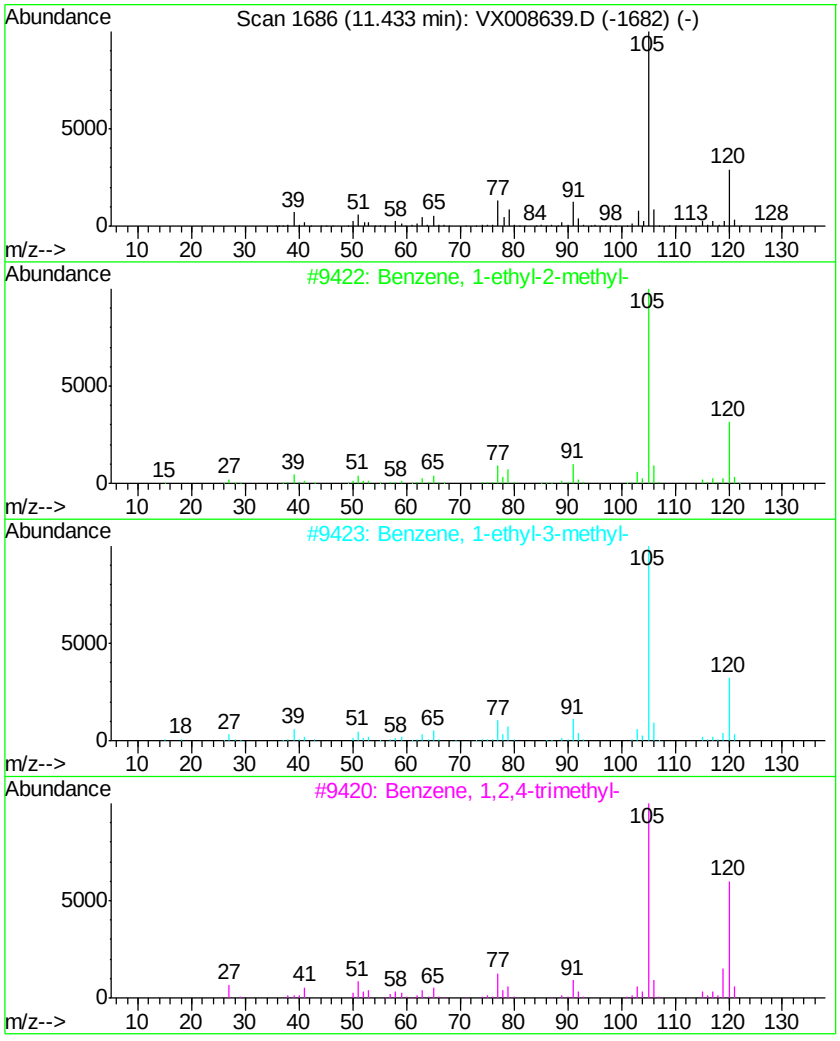
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

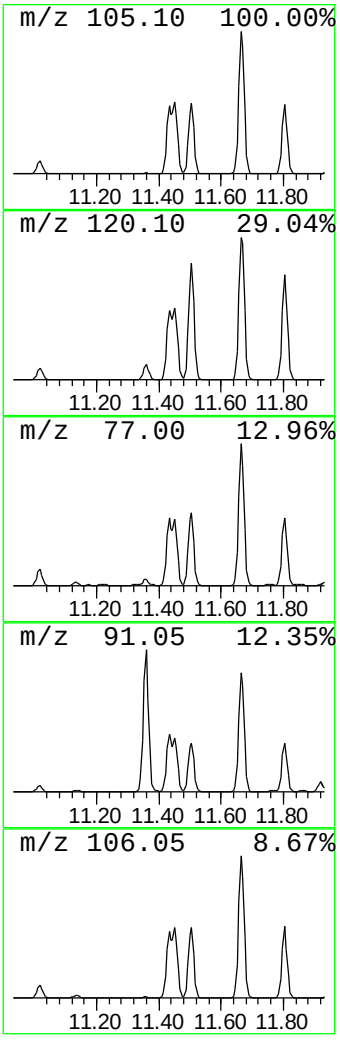
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	21.48 ug/l	371476	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008639.D
Acq On : 04 Apr 2019 16:30
Operator : JC/SP
Sample : K2263-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260

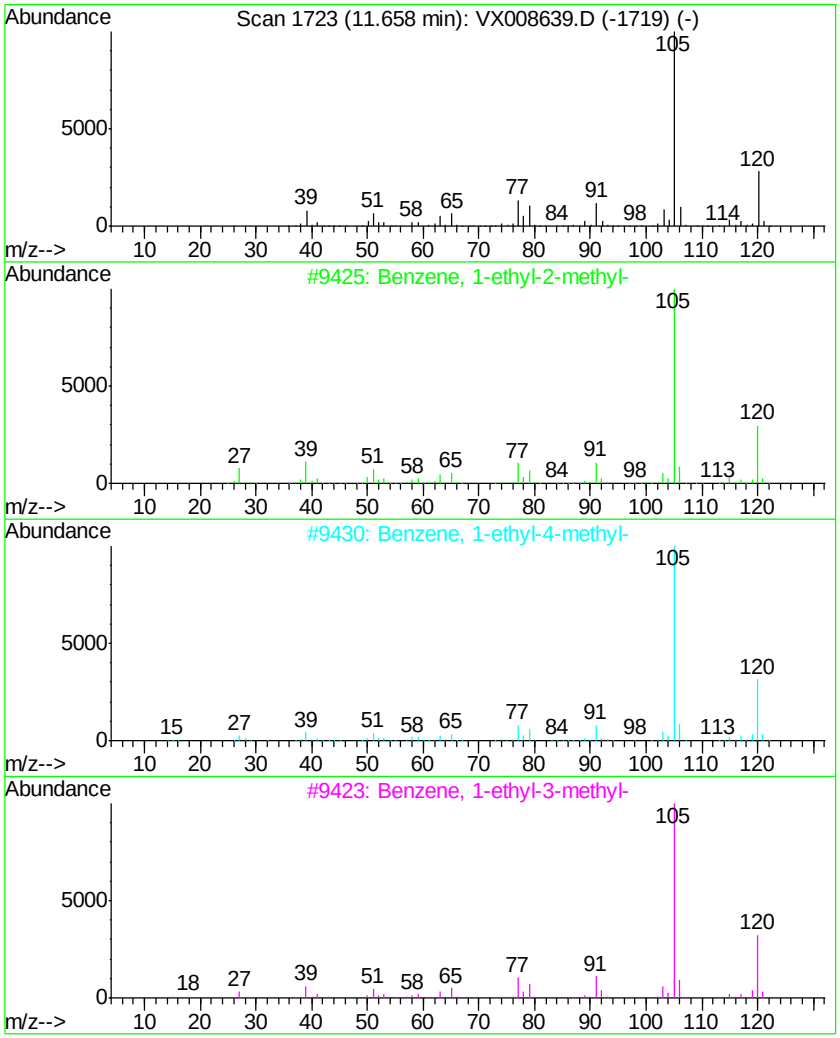
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

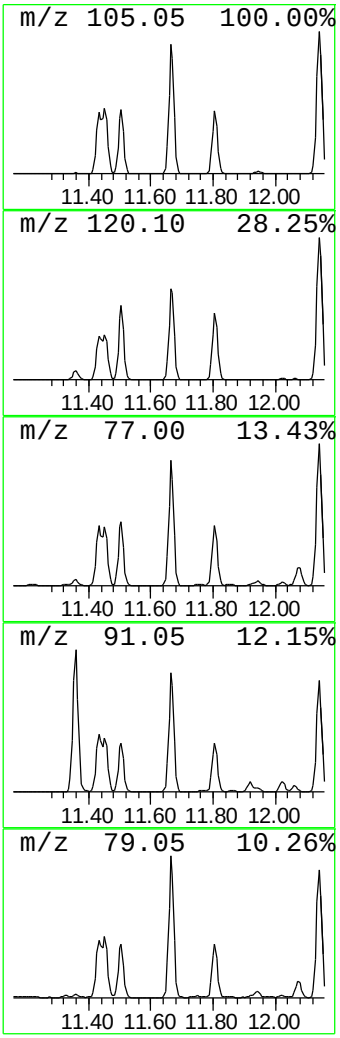
****

Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	50.45 ug/l	872255	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008639.D
Acq On : 04 Apr 2019 16:30
Operator : JC/SP
Sample : K2263-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260

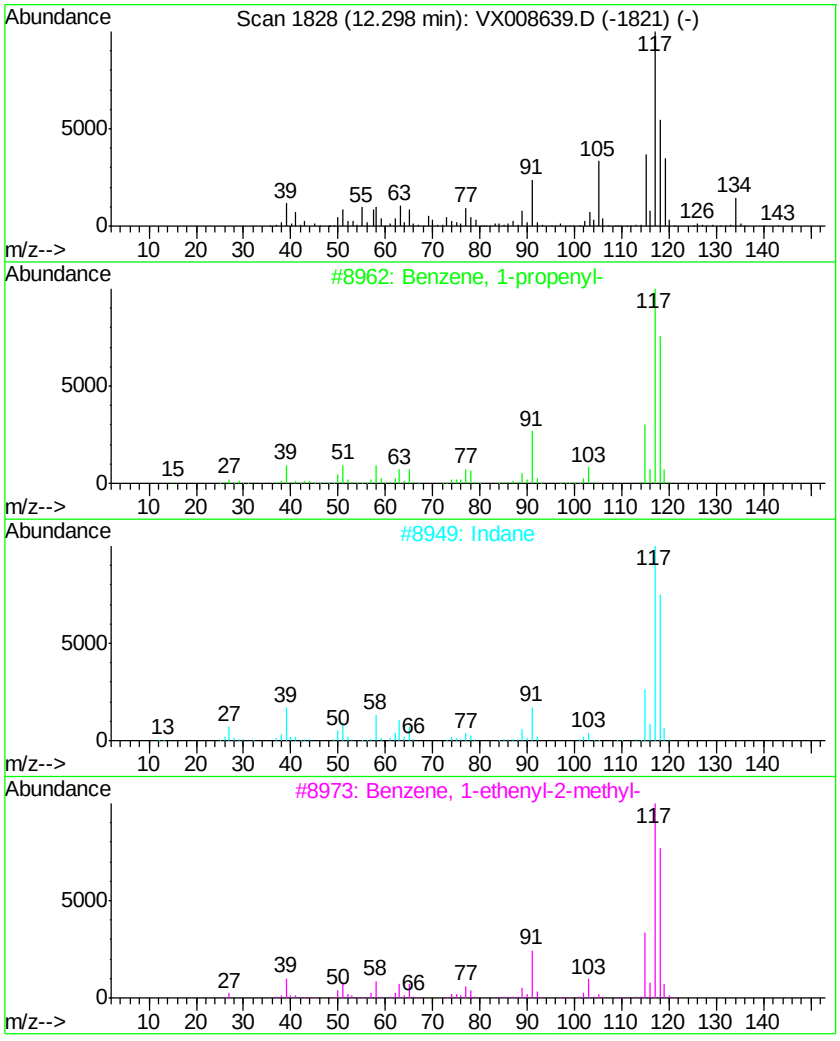
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

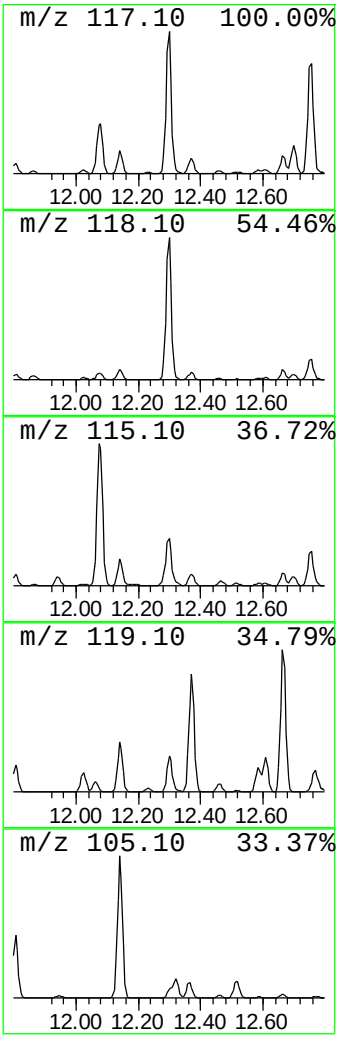
****

Peak Number 10 Benzene, 1-propenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	32.36 ug/l	559423	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
2	Indane	118	C9H10	000496-11-7	83
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008639.D
Acq On : 04 Apr 2019 16:30
Operator : JC/SP
Sample : K2263-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.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
Butane	1.40	22.0	ug/l	331367	1	5.67	751739	50.0
Butane, 2-methyl-	1.79	52.3	ug/l	786553	1	5.67	751739	50.0
Pentane	2.00	38.1	ug/l	573500	1	5.67	751739	50.0
Cyclopentane	2.93	27.7	ug/l	415907	1	5.67	751739	50.0
Cyclopentane, met...	4.40	85.7	ug/l	1289120	1	5.67	751739	50.0
Benzene, 1-ethyl-...	11.43	21.5	ug/l	371476	4	12.08	864503	50.0
Benzene, 1-ethyl-...	11.66	50.5	ug/l	872255	4	12.08	864503	50.0
Benzene, 1-propenyl-	12.30	32.4	ug/l	559423	4	12.08	864503	50.0