LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
Data File : VU027472.D
Acq On : 05 Oct 2018 22:39
Operator : MD/SY
Sample : J5268-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : NN-1

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_U\METHOD\82U100118W.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	1.305	35	41	55	rVB	33024	32882	4.22%	0.726%
2	1.402	64	71	78	rBV	29884	30945	3.97%	0.683%
3	1.759	173	182	198	rBV	233067	303487	38.96%	6.703%
4	1.958	235	244	254	rVB4	4551	8492	1.09%	0.188%
5	2.186	304	315	327	rVB	5570	9686	1.24%	0.214%
6	2.321	342	357	377	rVB2	19030	39809	5.11%	0.879%
7	2.443	384	395	413	rBV	32429	59476	7.64%	1.314%
8	2.710	464	478	485	rBV2	18217	38767	4.98%	0.856%
9	2.794	496	504	529	rVB4	15451	34980	4.49%	0.773%
10	3.000	553	568	585	rBV2	20658	43797	5.62%	0.967%
11	4.096	894	909	925	rBV4	7919	20769	2.67%	0.459%
12	4.202	925	942	961	rBV2	8893	28905	3.71%	0.638%
13	4.887	1139	1155	1172	rBV	103491	236728	30.39%	5.228%
14	4.987	1172	1186	1204	rVV	138899	310269	39.83%	6.853%
15	5.312	1273	1287	1309	rBV	128717	270079	34.67%	5.965%
16	5.485	1329	1341	1347	rBV8	5397	11701	1.50%	0.258%
17	5.543	1351	1359	1375	rVB6	7201	19603	2.52%	0.433%
18	5.890	1451	1467	1507	rBV	219048	455410	58.46%	10.058%
19	6.408	1616	1628	1642	rBV8	3266	8140	1.04%	0.180%
20	6.922	1775	1788	1803	rVB8	3245	8503	1.09%	0.188%
21	7.569	1967	1989	2021	rBV	420094	778959	100.00%	17.204%
22	8.186	2168	2181	2183	rBV3	6707	10541	1.35%	0.233%
23	9.090	2450	2462	2485	rBV	328390	562557	72.22%	12.425%
24	10.308	2822	2841	2861	rBV	306760	489362	62.82%	10.808%
25	10.620	2922	2938	2953	rBV2	10552	22538	2.89%	0.498%
26	11.485	3191	3207	3229	rBV	397438	621606	79.80%	13.729%
27	11.771	3280	3296	3311	rBV5	10496	23577	3.03%	0.521%
28	12.356	3468	3478	3490	rBV	23877	35977	4.62%	0.795%
29	13.125	3708	3717	3729	rBV2	7238	10221	1.31%	0.226%

Sum of corrected areas: 4527766

LSC Report - Integrated Chromatogram

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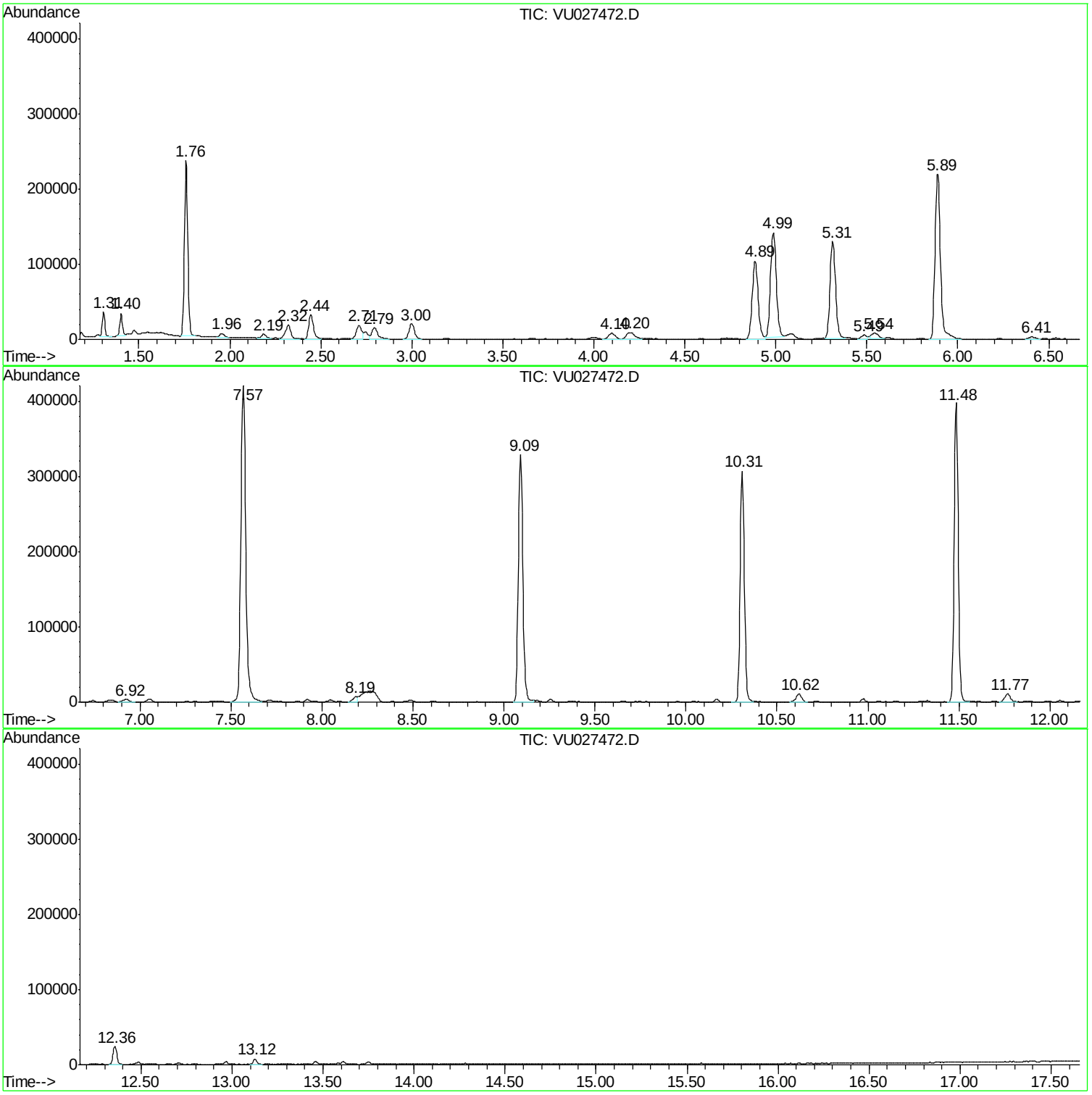
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : NN-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
Data File : VU027472.D
Acq On : 05 Oct 2018 22:39
Operator : MD/SY
Sample : J5268-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : NN-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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

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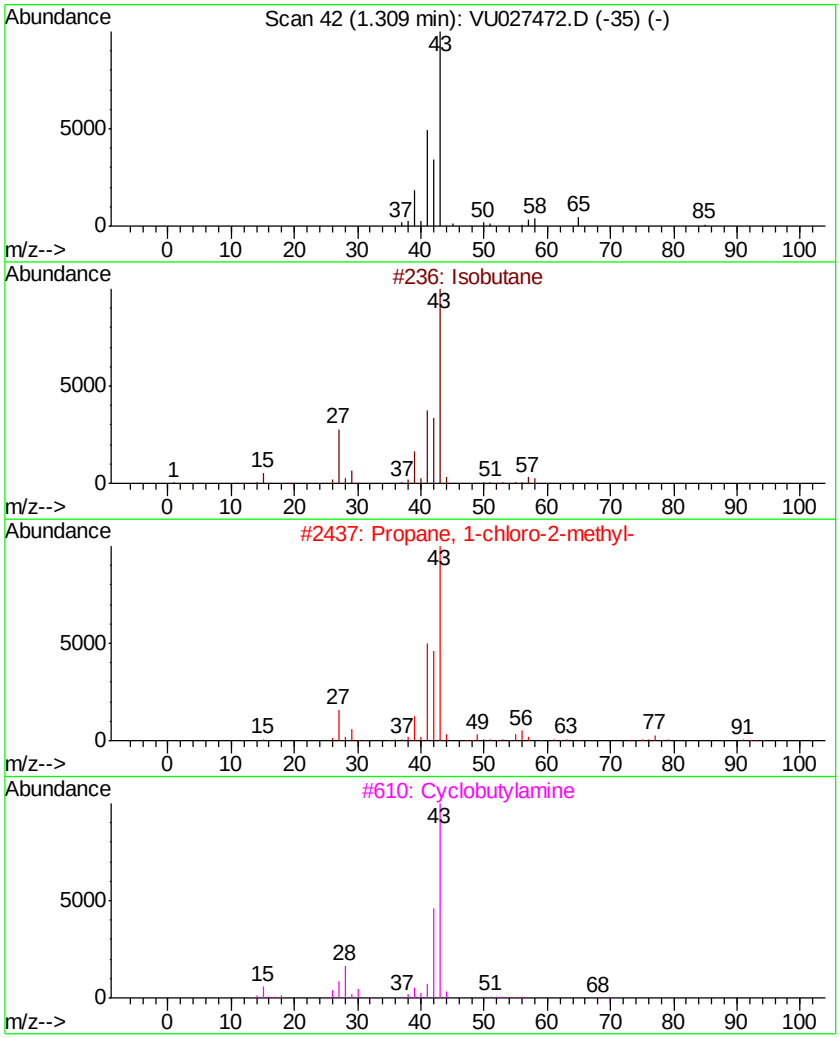
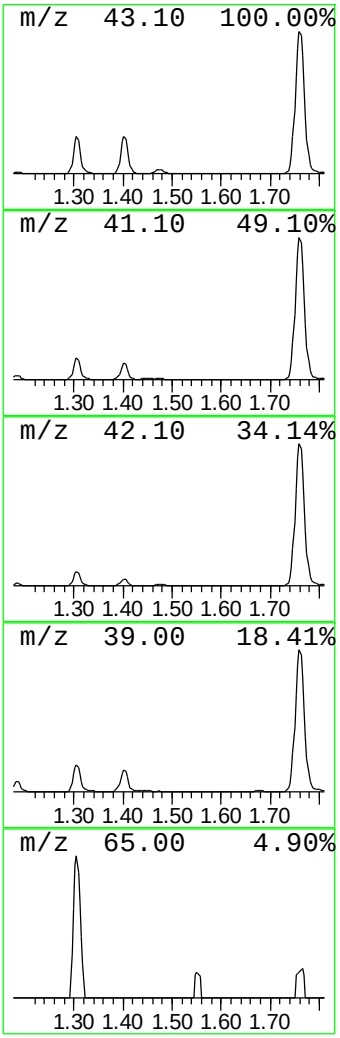
Peak Number 1 Isobutane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.31	5.30 ug/l	32882	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	4
3	Cyclobutylamine	71	C4H9N	002516-34-9	4
4	Oxirane, trimethyl-	86	C5H10O	005076-19-7	4
5	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	4





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Data File : VU027472.D
Acq On : 05 Oct 2018 22:39
Operator : MD/SY
Sample : J5268-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : NN-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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

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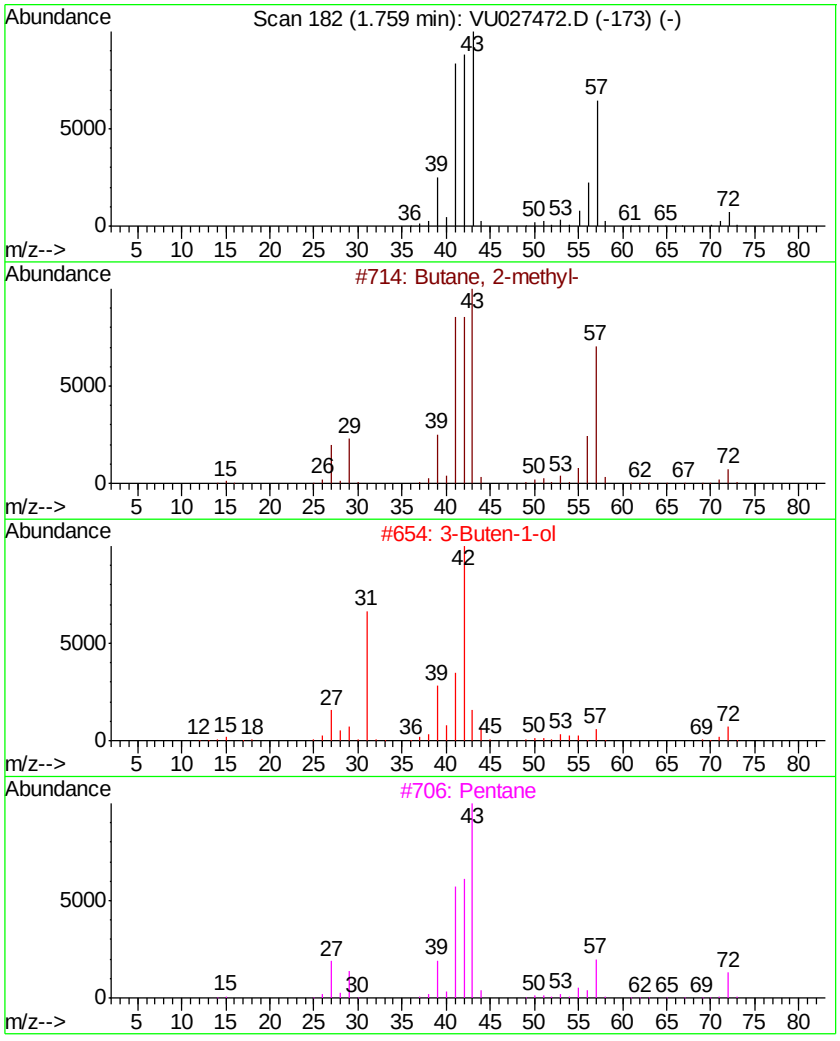
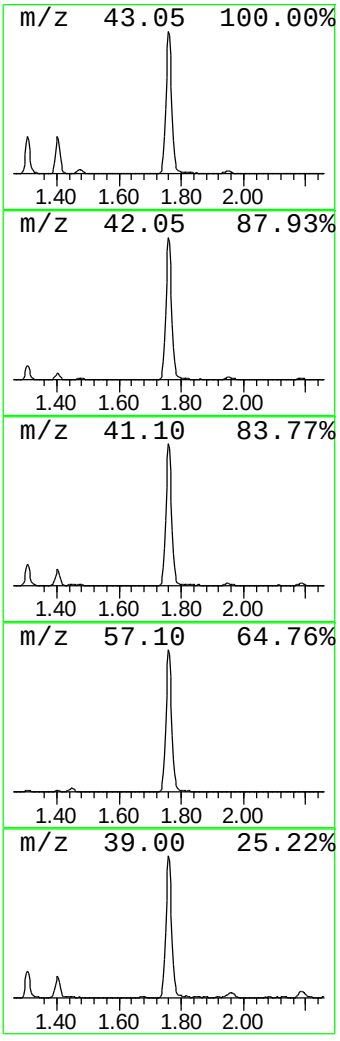
Peak Number 2 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.76	48.91 ug/l	303487	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	39
4	1-Butene	56	C4H8	000106-98-9	10
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	9





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Acq On : 05 Oct 2018 22:39
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Sample : J5268-06
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ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : NN-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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

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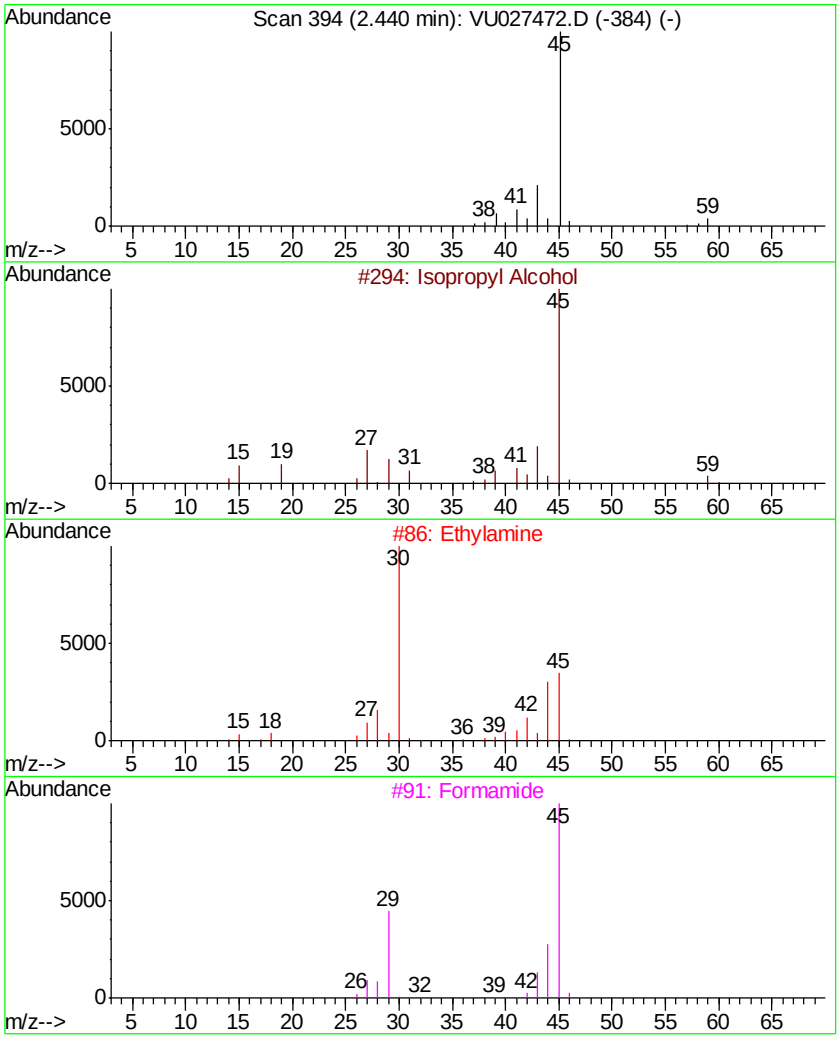
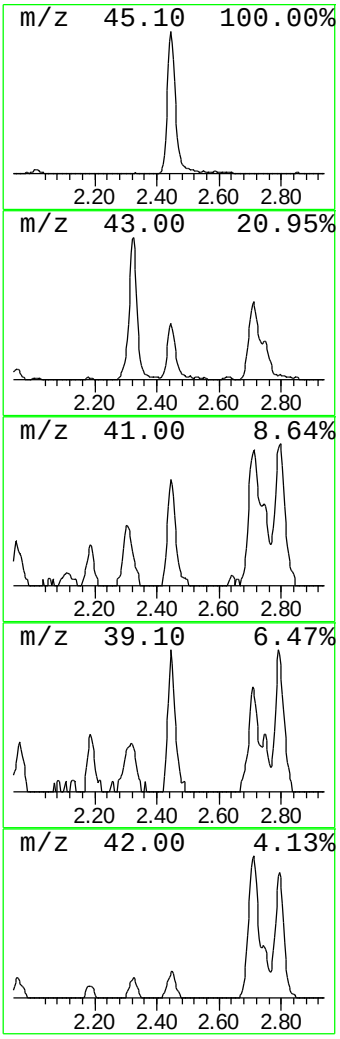
Peak Number 3 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	9.58 ug/l	59476	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2	Ethylamine	45	C2H7N	000075-04-7	5
3	Formamide	45	CH3NO	000075-12-7	5
4	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	4
5	2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	4





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Data File : VU027472.D
Acq On : 05 Oct 2018 22:39
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Sample : J5268-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : NN-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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

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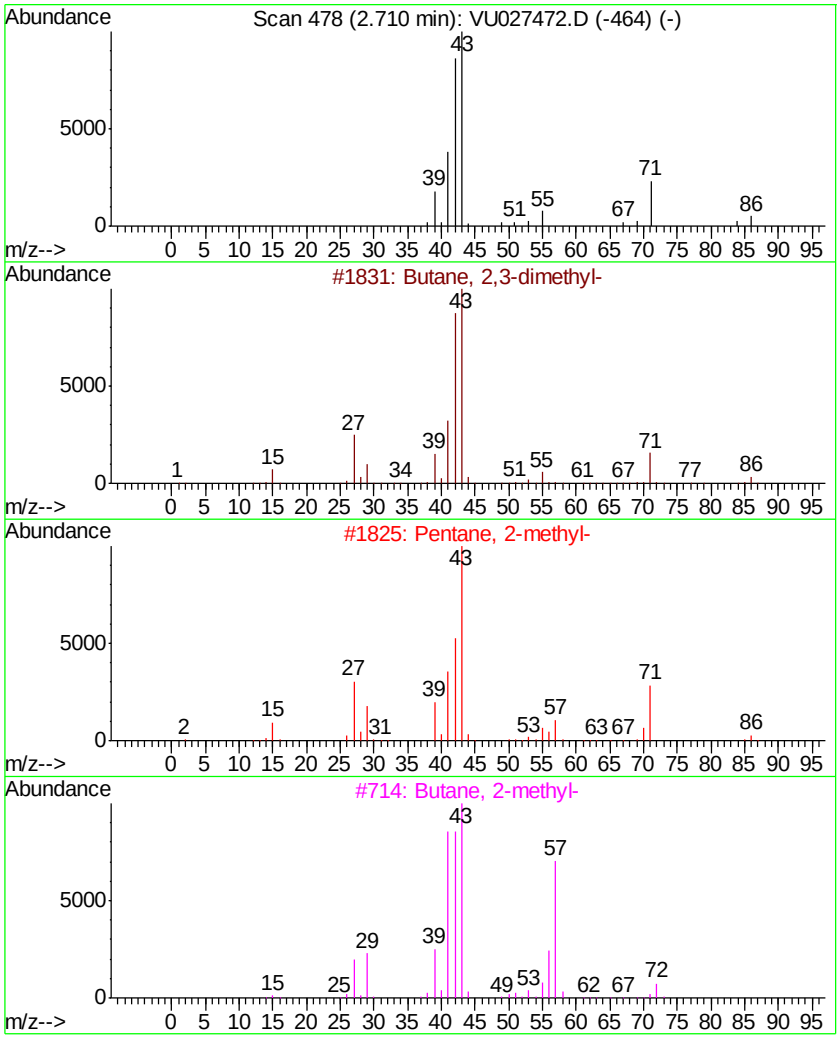
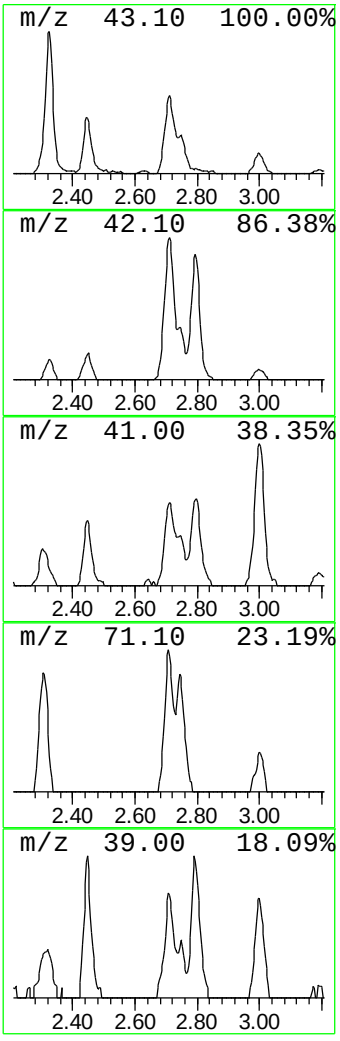
Peak Number 4 Butane, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.71	6.25 ug/l	38767	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	50
3	Butane, 2-methyl-	72	C5H12	000078-78-4	36
4	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	7
5	1,2,3-Trimethyldiaziridine	86	C4H10N2	113604-56-1	5





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Acq On : 05 Oct 2018 22:39
Operator : MD/SY
Sample : J5268-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : NN-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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

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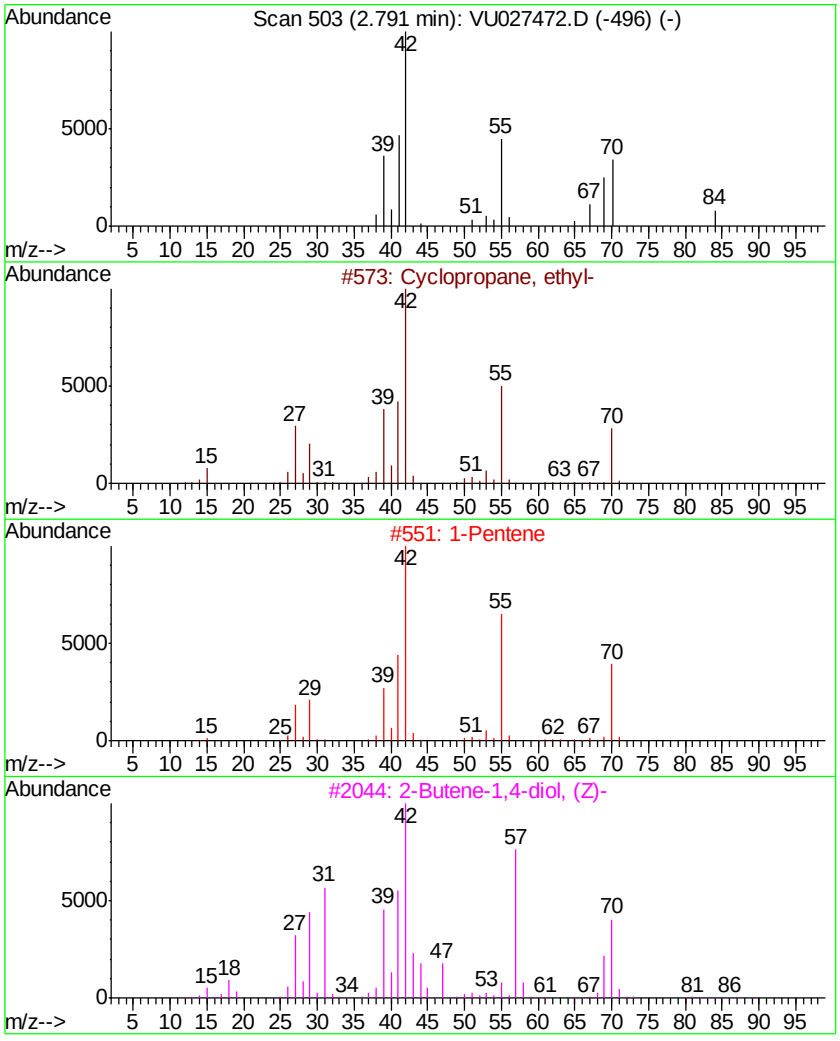
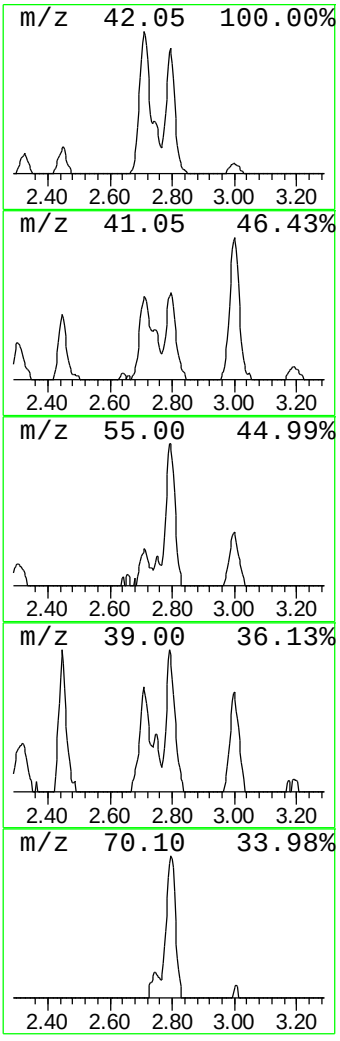
Peak Number 5 Cyclopropane, ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	5.64 ug/l	34980	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	80
2	1-Pentene	70	C5H10	000109-67-1	64
3	2-Butene-1,4-diol, (Z)-	88	C4H8O2	006117-80-2	38
4	Cyclopentane	70	C5H10	000287-92-3	9
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	9





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ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : NN-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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

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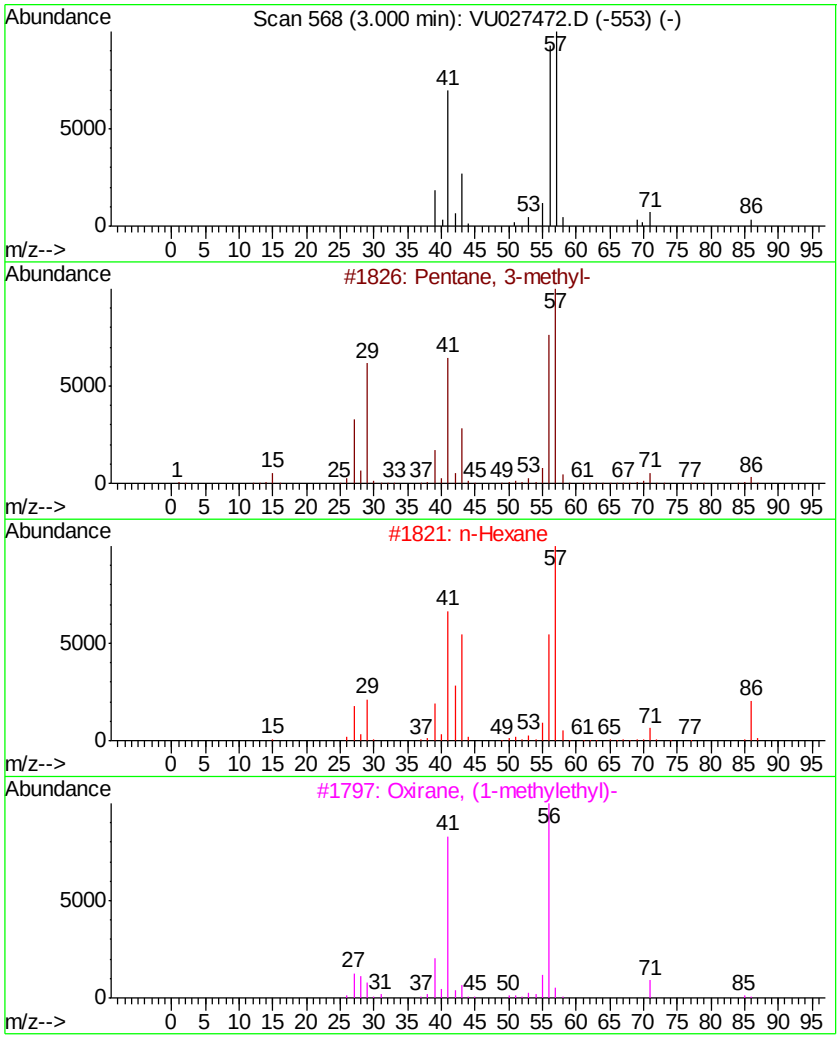
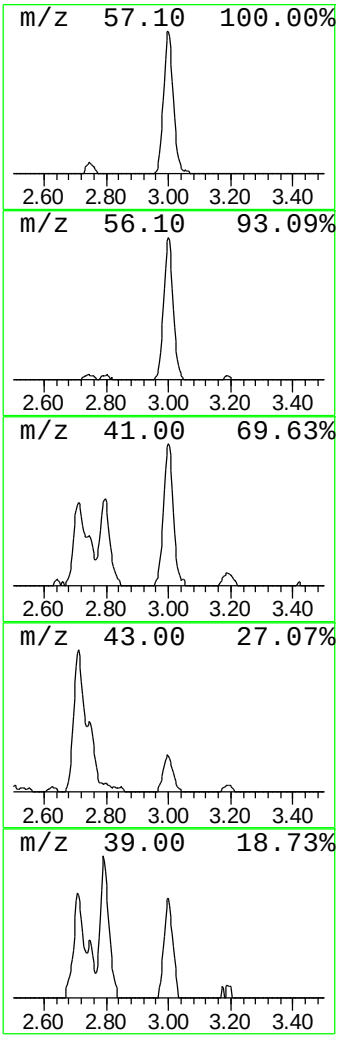
Peak Number 6 Pentane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	7.06 ug/l	43797	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	n-Hexane	86	C6H14	000110-54-3	47
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	40
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	40





Tentatively Identified Compound (LSC) summary

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ALS Vial : 36 Sample Multiplier: 1

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ClientSampleId : NN-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.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
Isobutane	1.31	5.3	ug/l	32882	1	4.99	310269	50.0
Butane, 2-methyl-	1.76	48.9	ug/l	303487	1	4.99	310269	50.0
Isopropyl Alcohol	2.44	9.6	ug/l	59476	1	4.99	310269	50.0
Butane, 2,3-dimet...	2.71	6.3	ug/l	38767	1	4.99	310269	50.0
Cyclopropane, ethyl-	2.79	5.6	ug/l	34980	1	4.99	310269	50.0
Pentane, 3-methyl-	3.00	7.1	ug/l	43797	1	4.99	310269	50.0