LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Data File : VU029468.D
Acq On : 14 Feb 2019 20:19
Operator : JC/SP
Sample : K1438-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXC0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR021219WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.183	18	29	43	rBV	668858	614433	89.44%	9.902%
2	1.302	51	66	75	rBV3	165446	304338	44.30%	4.904%
3	1.399	90	96	103	rVB2	95498	96154	14.00%	1.550%
4	1.682	178	184	195	rVB	76116	87832	12.79%	1.415%
5	2.273	358	368	379	rBV	156216	236954	34.49%	3.819%
6	2.447	413	422	438	rVB	67626	116839	17.01%	1.883%
7	4.193	948	965	998	rBV	92432	253623	36.92%	4.087%
8	4.646	1089	1106	1125	rBV	100241	235111	34.22%	3.789%
9	5.334	1300	1320	1352	rVB2	198055	542949	79.03%	8.750%
10	5.884	1476	1491	1514	rBV2	203784	398178	57.96%	6.417%
11	6.328	1613	1629	1650	rBV	125106	253891	36.96%	4.092%
12	7.228	1897	1909	1927	rBV2	67590	123948	18.04%	1.997%
13	7.395	1949	1961	1975	rBV2	14619	26661	3.88%	0.430%
14	7.562	2000	2013	2029	rBV	269502	474619	69.09%	7.649%
15	7.848	2088	2102	2121	rBV	39583	73071	10.64%	1.178%
16	8.312	2235	2246	2289	rVB	378035	686979	100.00%	11.071%
17	9.086	2473	2487	2505	rBV	286828	482056	70.17%	7.768%
18	9.373	2568	2576	2587	rBV3	15195	25035	3.64%	0.403%
19	10.430	2894	2905	2924	rBV2	114283	183914	26.77%	2.964%
20	10.610	2951	2961	2986	rVB2	6811	17284	2.52%	0.279%
21	11.482	3221	3232	3261	rBV	302416	495920	72.19%	7.992%
22	11.858	3337	3349	3371	rBV	285555	475527	69.22%	7.663%

Sum of corrected areas: 6205316

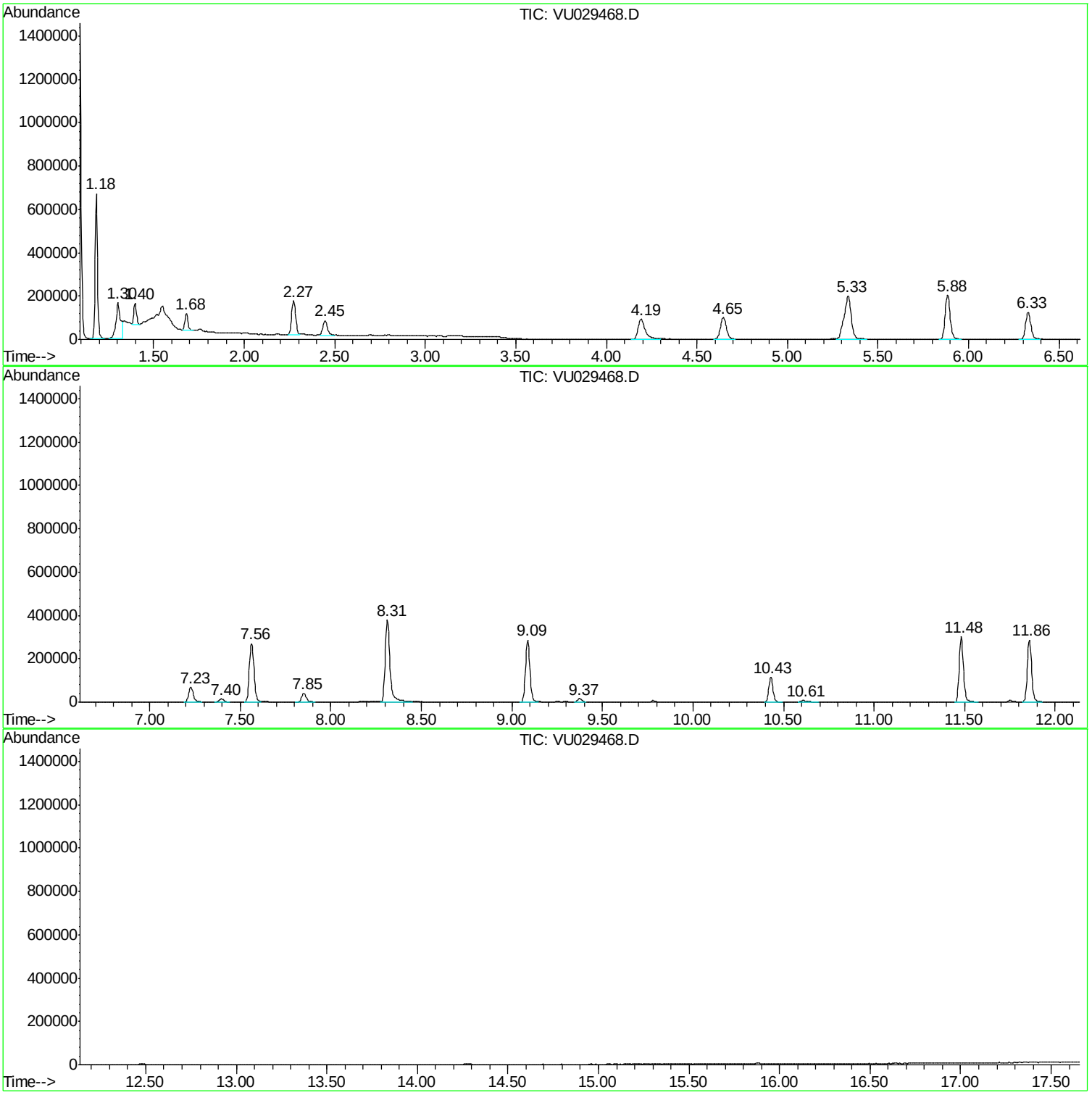
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Data File : VU029468.D
Acq On : 14 Feb 2019 20:19
Operator : JC/SP
Sample : K1438-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Data File : VU029468.D
Acq On : 14 Feb 2019 20:19
Operator : JC/SP
Sample : K1438-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0

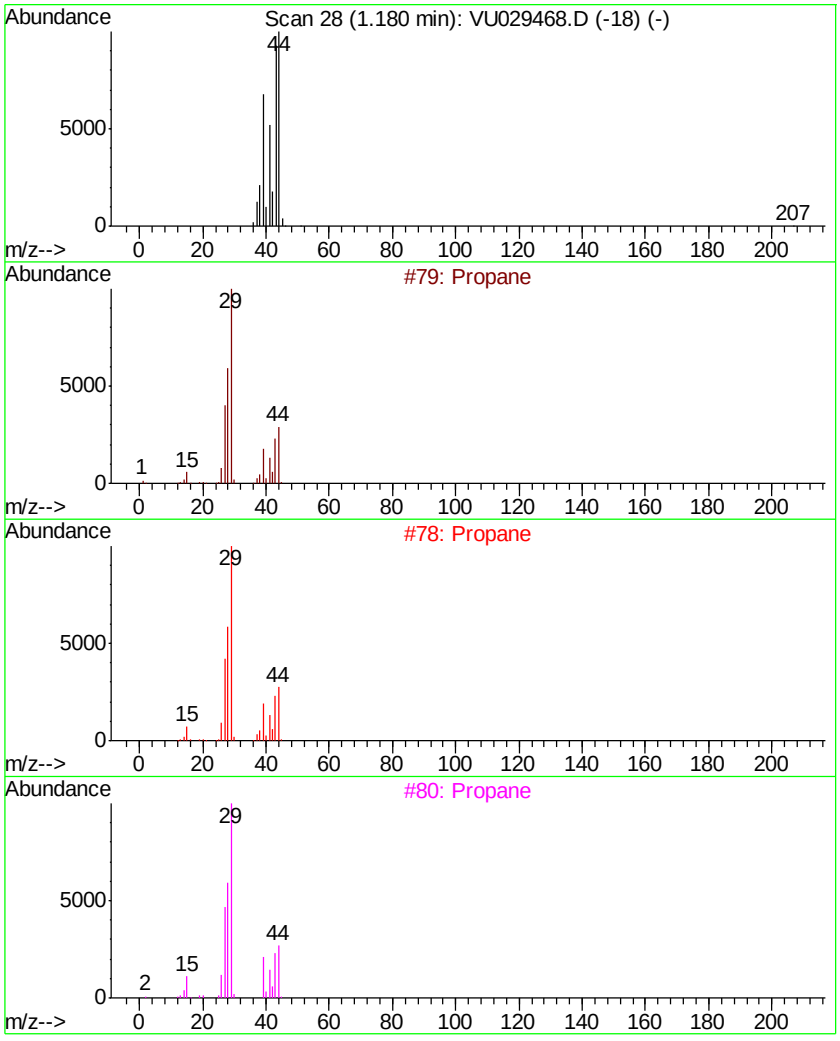
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

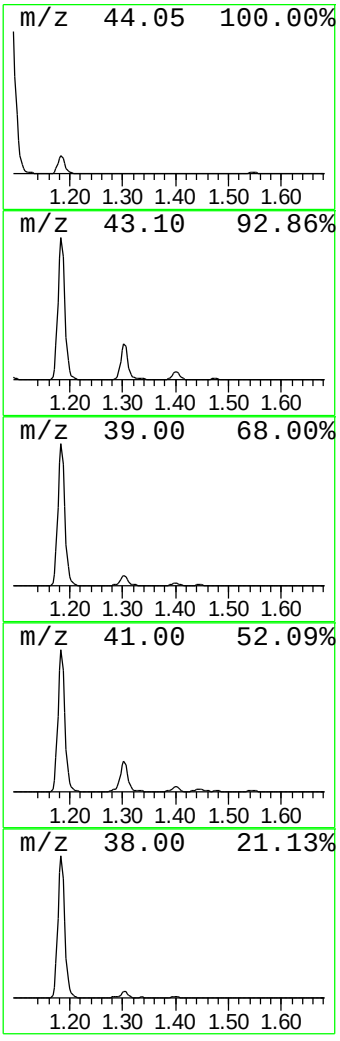
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	7.72 ug/L	614433	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	83
2	Propane	44	C3H8	000074-98-6	83
3	Propane	44	C3H8	000074-98-6	9
4	Propene	42	C3H6	000115-07-1	9
5	Acetaldehyde	44	C2H4O	000075-07-0	5





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Data File : VU029468.D
Acq On : 14 Feb 2019 20:19
Operator : JC/SP
Sample : K1438-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0

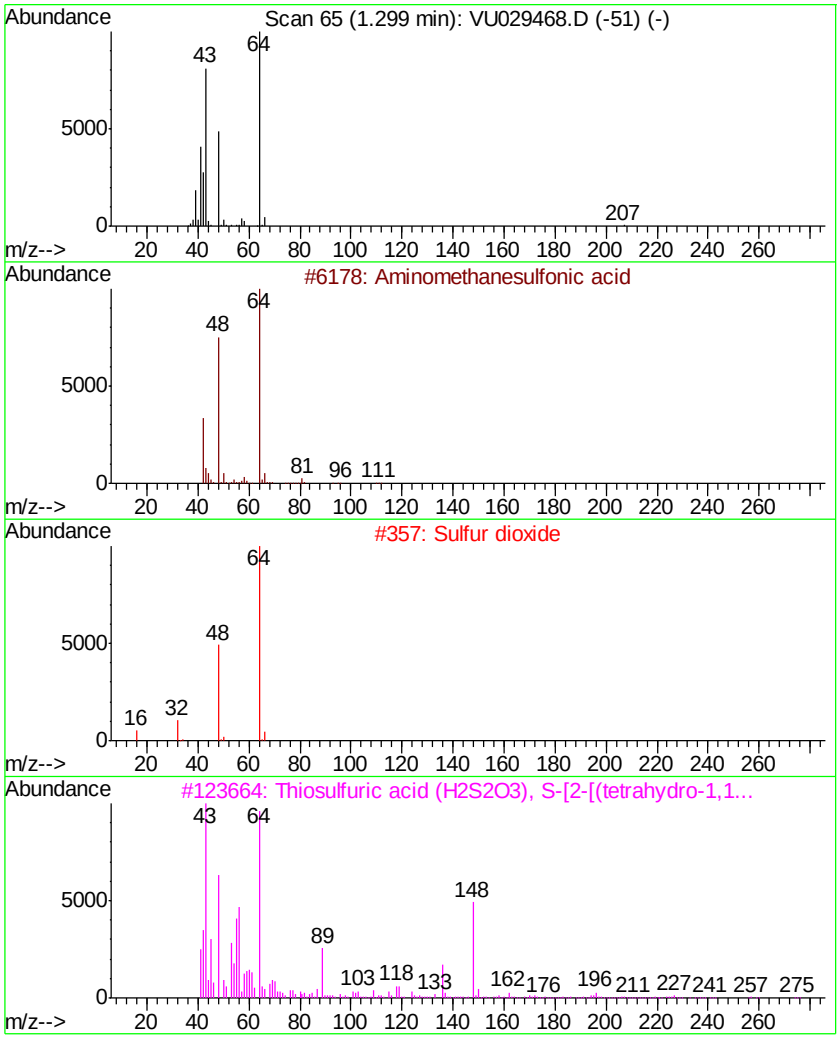
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

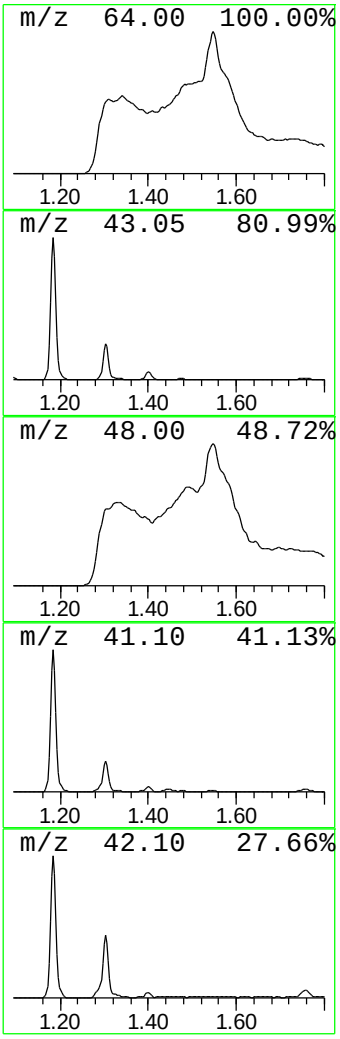
****

Peak Number 2 Aminomethanesulfonic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.30	3.82 ug/L	304338	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
2	Sulfur dioxide	64	O2S	007446-09-5	72
3	Thiosulfuric acid (H2S2O3), S-[2...	275	C6H13NO5S3	037018-35-2	64
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Data File : VU029468.D
Acq On : 14 Feb 2019 20:19
Operator : JC/SP
Sample : K1438-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0

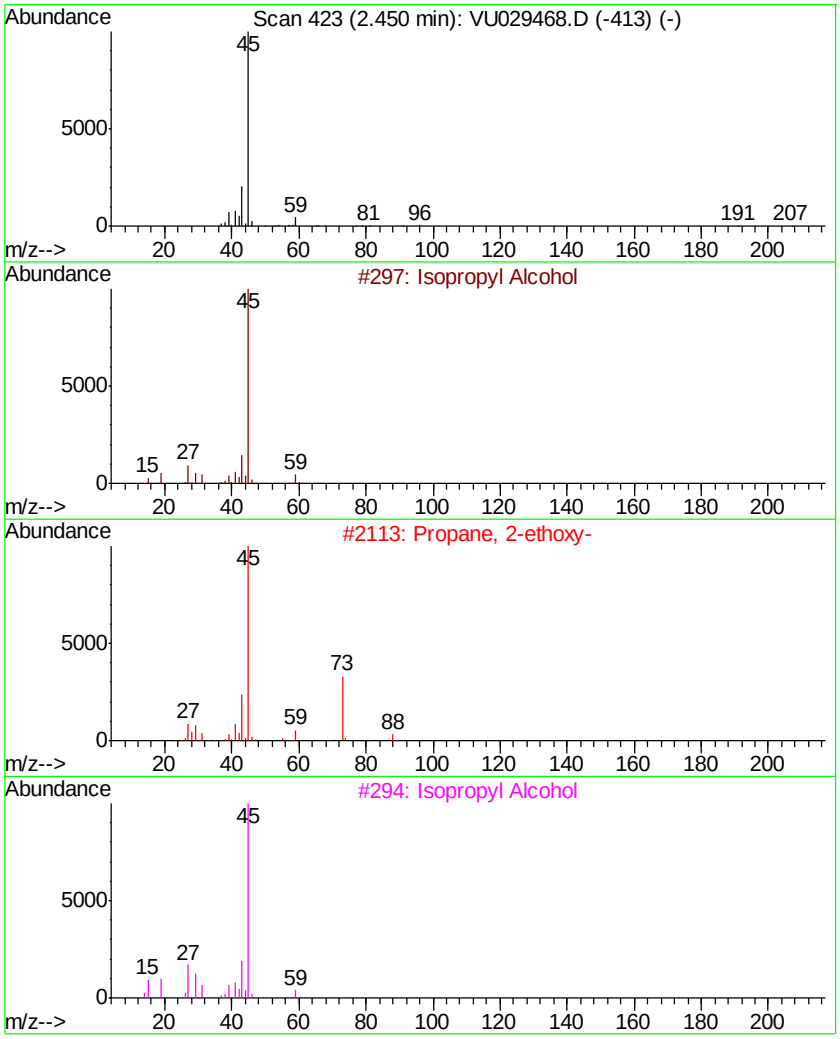
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

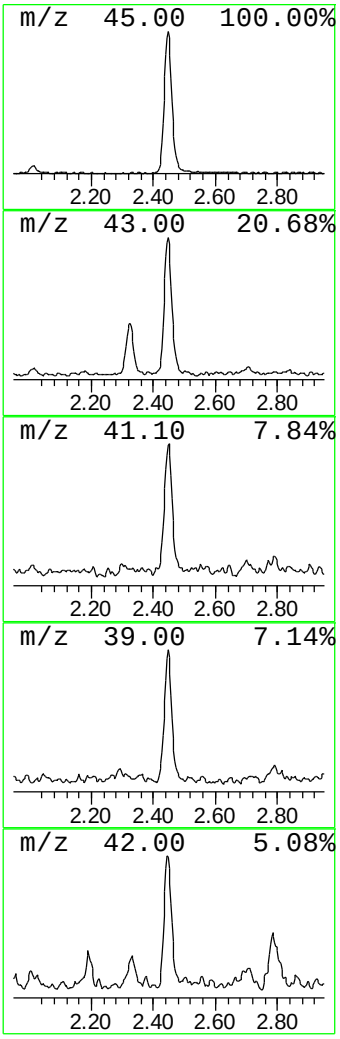
****

Peak Number 3 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	1.47 ug/L	116839	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	43
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9
5	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Data File : VU029468.D
Acq On : 14 Feb 2019 20:19
Operator : JC/SP
Sample : K1438-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXC0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.18	7.7	ug/L	614433	1	5.88	398178	5.0
Aminomethanesulfo...	1.30	3.8	ug/L	304338	1	5.88	398178	5.0
Isopropyl Alcohol	2.45	1.5	ug/L	116839	1	5.88	398178	5.0