LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039933.D
Acq On : 21 Aug 2020 17:14
Operator : SY/MD
Sample : L3776-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y08

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\SOMUTR081920WMA.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	1.363	3	7	17	rVB	33372	31824	7.70%	0.937%
2	1.604	72	82	91	rBV	43943	50395	12.20%	1.484%
3	1.922	173	181	196	rVB	41889	54357	13.16%	1.601%
4	2.578	374	385	399	rBV	62328	103197	24.98%	3.039%
5	2.659	399	410	431	rVB2	15415	38653	9.36%	1.138%
6	2.848	440	469	472	rBV	38447	119520	28.93%	3.520%
7	3.382	624	635	646	rBV3	6214	13802	3.34%	0.406%
8	3.890	777	793	811	rBV2	57160	133773	32.38%	3.940%
9	4.022	819	834	845	rVB5	1909	4493	1.09%	0.132%
10	4.520	974	989	1007	rVB3	31907	78716	19.05%	2.318%
11	4.655	1014	1031	1051	rBV	63240	168420	40.76%	4.960%
12	4.826	1071	1084	1103	rVB2	19666	46222	11.19%	1.361%
13	5.083	1146	1164	1182	rBV2	70247	154589	37.42%	4.553%
14	5.598	1312	1324	1341	rVB3	12835	27519	6.66%	0.810%
15	5.739	1347	1368	1385	rBV2	123543	325263	78.73%	9.580%
16	6.263	1515	1531	1549	rBV	93910	176805	42.79%	5.207%
17	6.511	1596	1608	1623	rBV2	17659	34829	8.43%	1.026%
18	6.704	1653	1668	1685	rBV	81380	157564	38.14%	4.641%
19	7.575	1924	1939	1955	rBV	44284	75290	18.22%	2.217%
20	7.906	2025	2042	2056	rBV	146807	250239	60.57%	7.370%
21	7.980	2056	2065	2072	rVB3	3301	5432	1.31%	0.160%
22	8.186	2117	2129	2142	rBV2	29726	49604	12.01%	1.461%
23	8.639	2255	2270	2300	rBV	239558	413162	100.00%	12.168%
24	8.935	2350	2362	2371	rBV4	3480	7075	1.71%	0.208%
25	9.421	2500	2513	2531	rBV	149864	244605	59.20%	7.204%
26	10.755	2916	2928	2939	rBV	64604	104163	25.21%	3.068%
27	11.469	3138	3150	3162	rBV2	16538	26993	6.53%	0.795%
28	11.806	3243	3255	3270	rBV	142846	224737	54.39%	6.619%
29	12.054	3321	3332	3342	rBV3	14297	21540	5.21%	0.634%
30	12.189	3361	3374	3389	rVB	159149	252589	61.14%	7.439%

Sum of corrected areas: 3395370

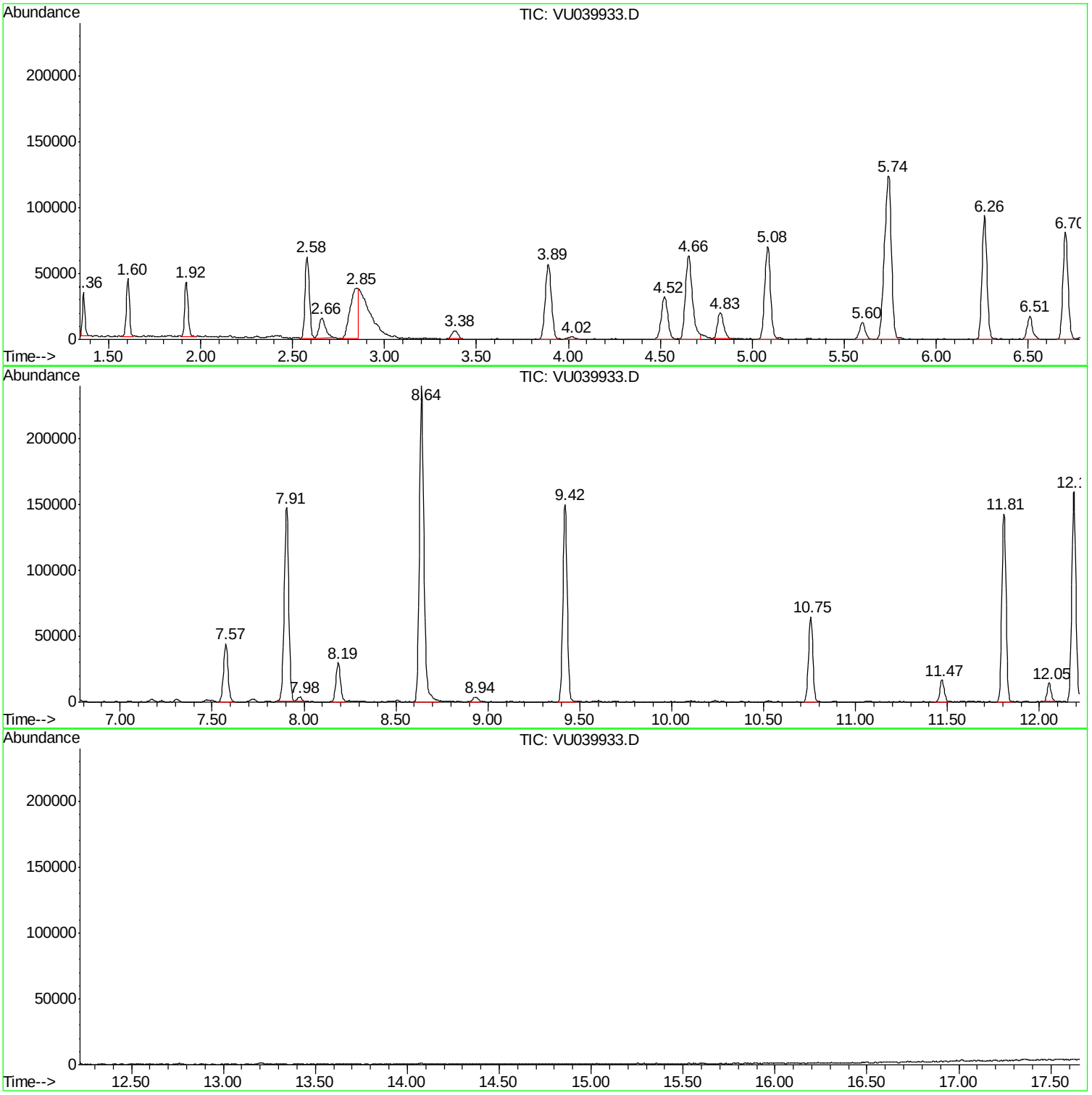
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039933.D
Acq On : 21 Aug 2020 17:14
Operator : SY/MD
Sample : L3776-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4Y08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.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\VU082120\
Data File : VU039933.D
Acq On : 21 Aug 2020 17:14
Operator : SY/MD
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

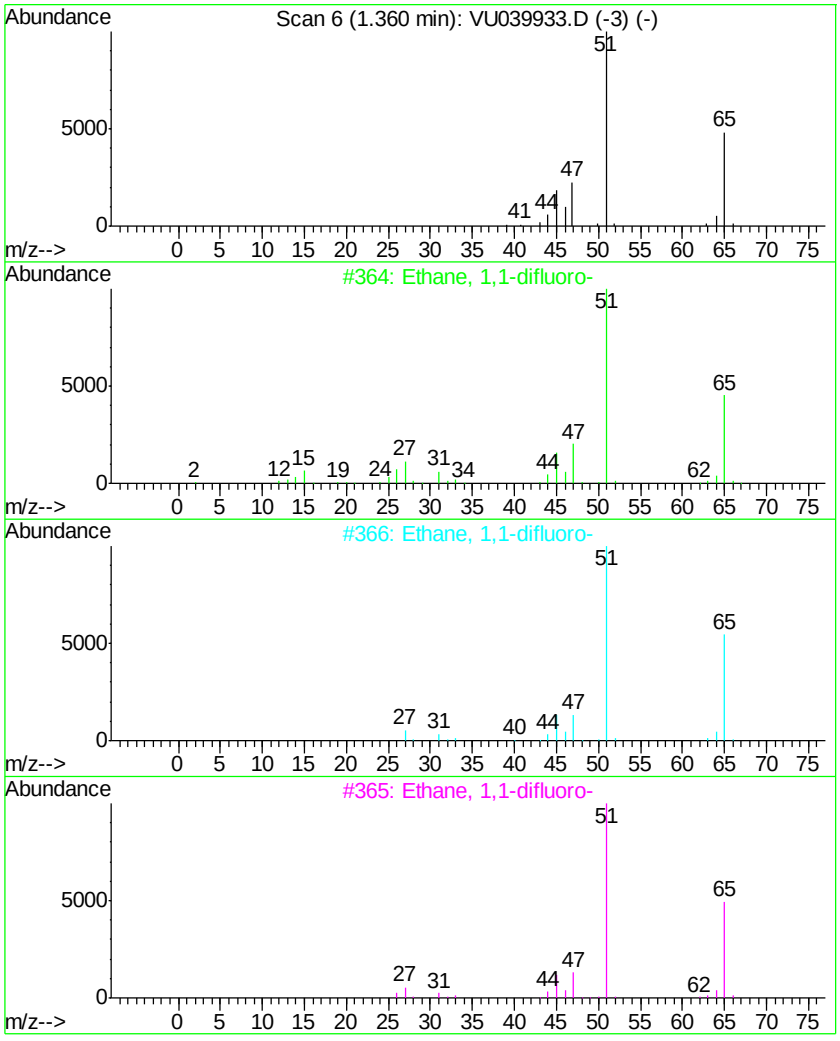
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

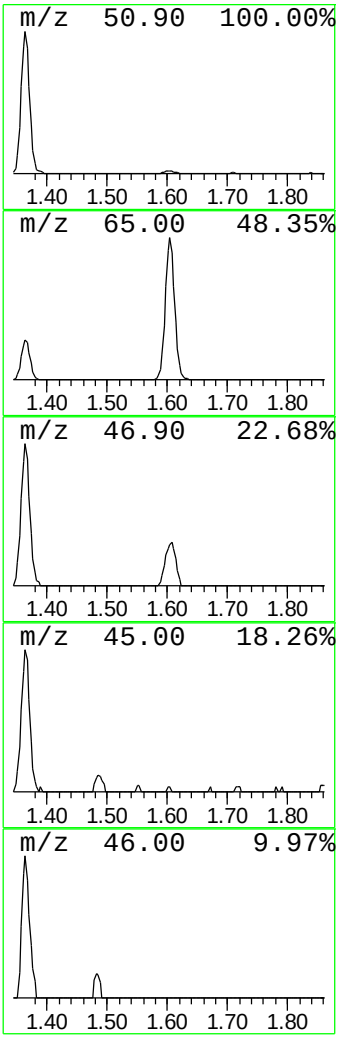
****

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	0.90 ug/L	31824	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	83
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	83
4	Propiolonitrile	51	C3HN	001070-71-9	3
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039933.D
Acq On : 21 Aug 2020 17:14
Operator : SY/MD
Sample : L3776-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

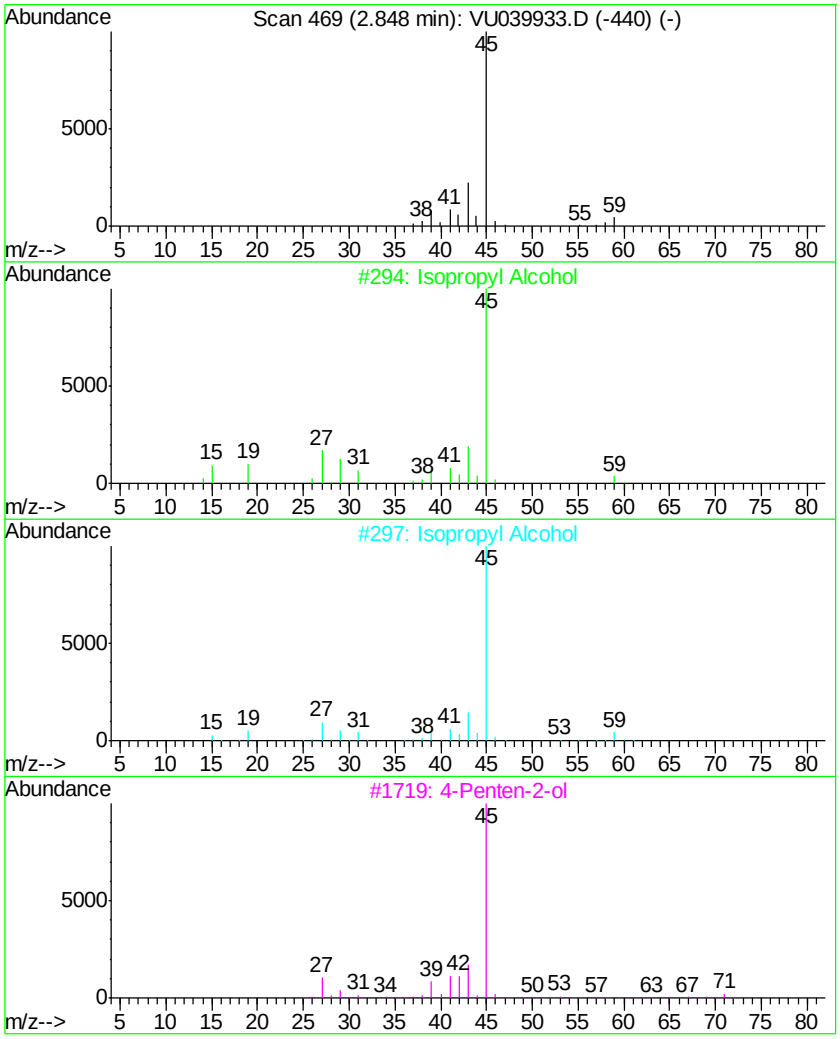
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

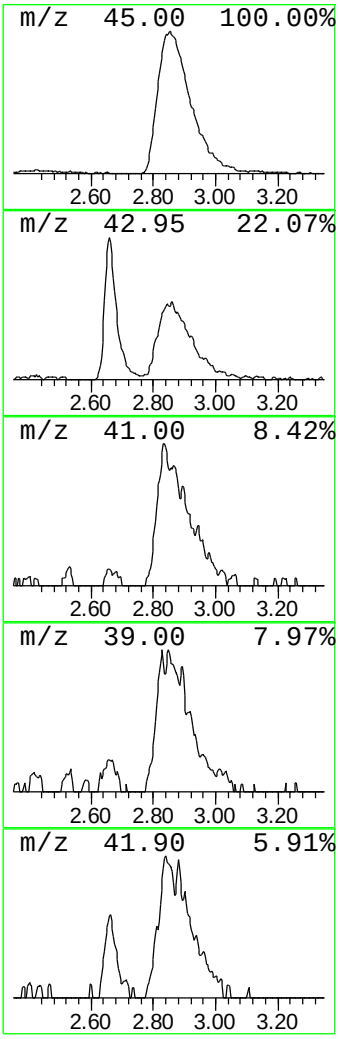
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	3.38 ug/L	119520	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	43
3	4-Penten-2-ol	86	C5H10O	000625-31-0	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Ethylamine	45	C2H7N	000075-04-7	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039933.D
Acq On : 21 Aug 2020 17:14
Operator : SY/MD
Sample : L3776-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

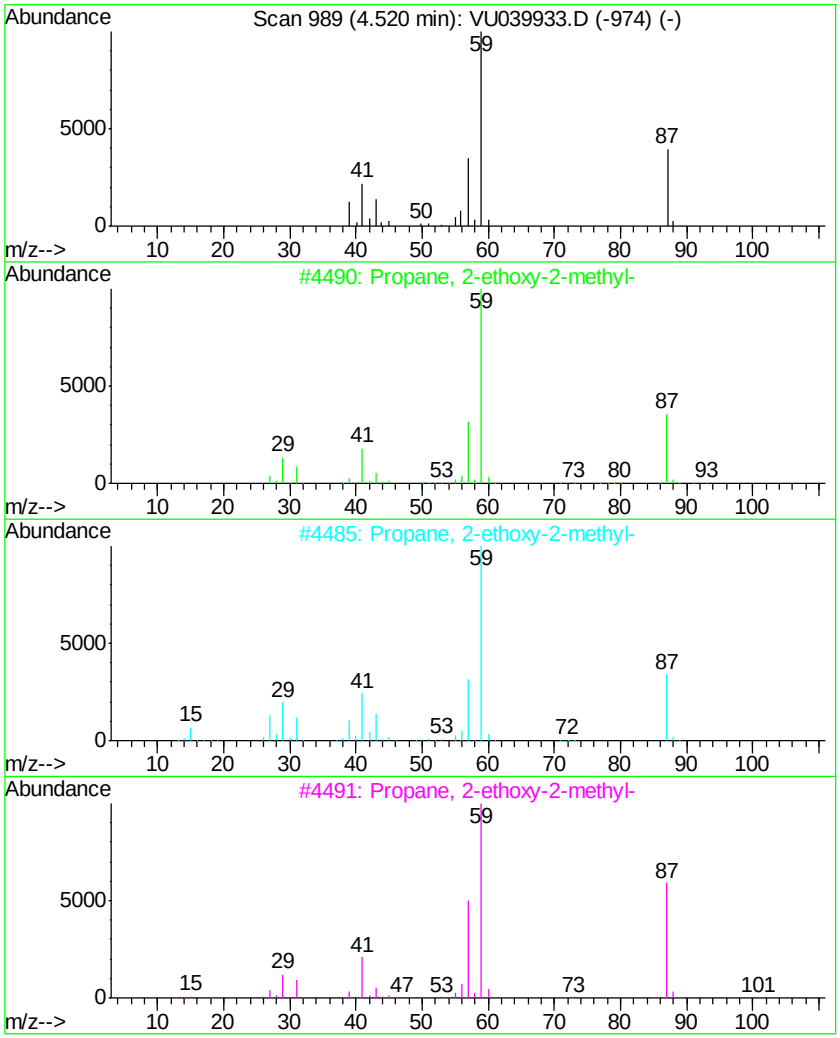
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

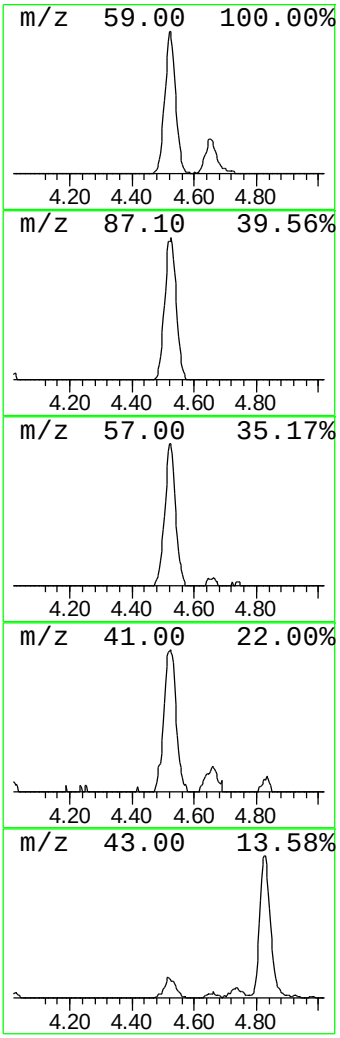
****

Peak Number 3 Propane, 2-ethoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	2.23 ug/L	78716	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	83
2	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	83
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	64
4	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	40
5	3-Pentanol	88	C5H12O	000584-02-1	33





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039933.D
Acq On : 21 Aug 2020 17:14
Operator : SY/MD
Sample : L3776-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

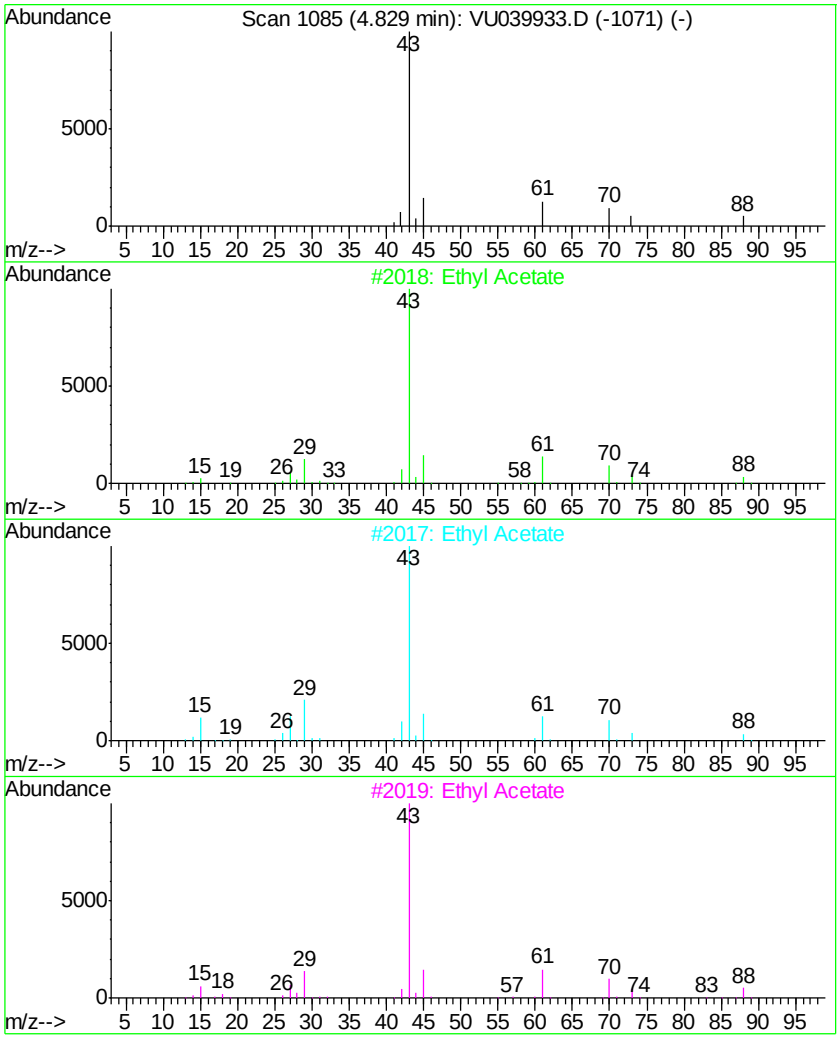
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

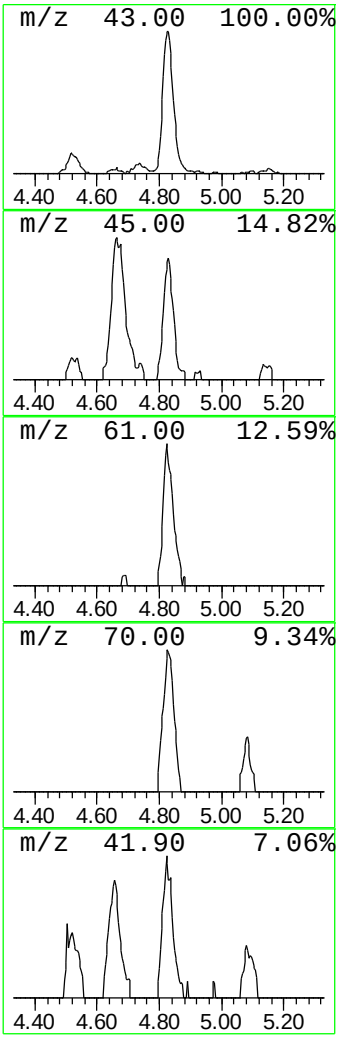
****

Peak Number 4 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	1.31 ug/L	46222	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	90
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039933.D
Acq On : 21 Aug 2020 17:14
Operator : SY/MD
Sample : L3776-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

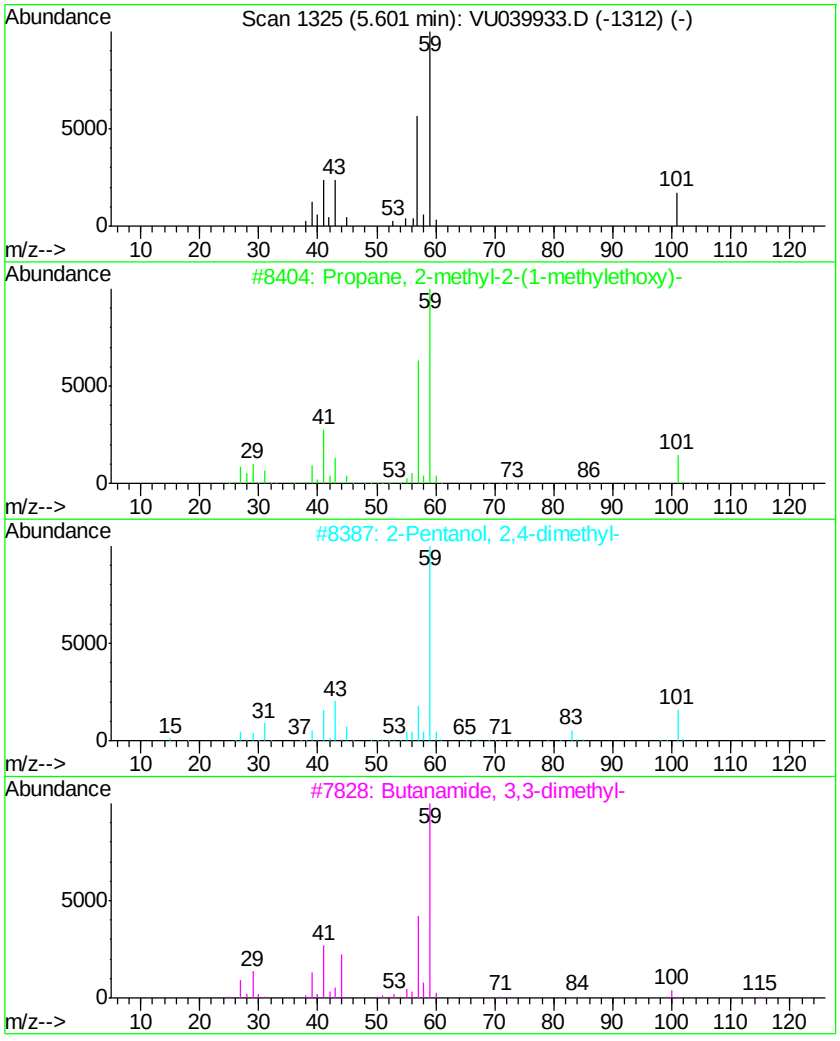
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

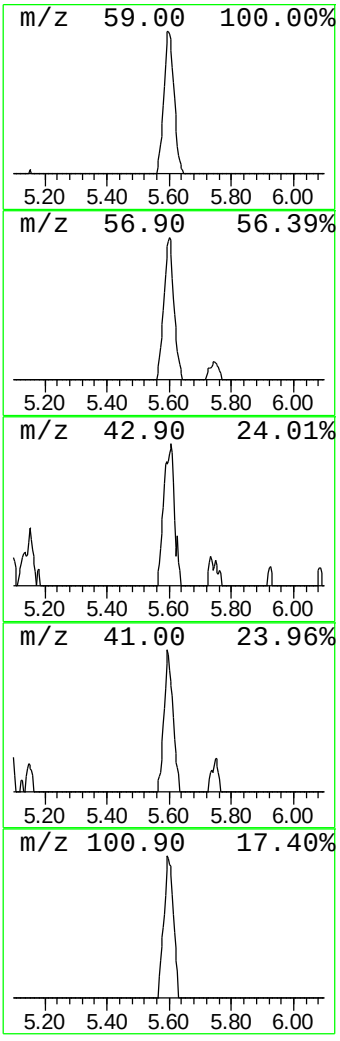
****

Peak Number 5 Propane, 2-methyl-2-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	0.78 ug/L	27519	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	83
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	74
3	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	50
4	3-Octanol	130	C8H18O	000589-98-0	43
5	3-Hexanol	102	C6H14O	000623-37-0	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039933.D
Acq On : 21 Aug 2020 17:14
Operator : SY/MD
Sample : L3776-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

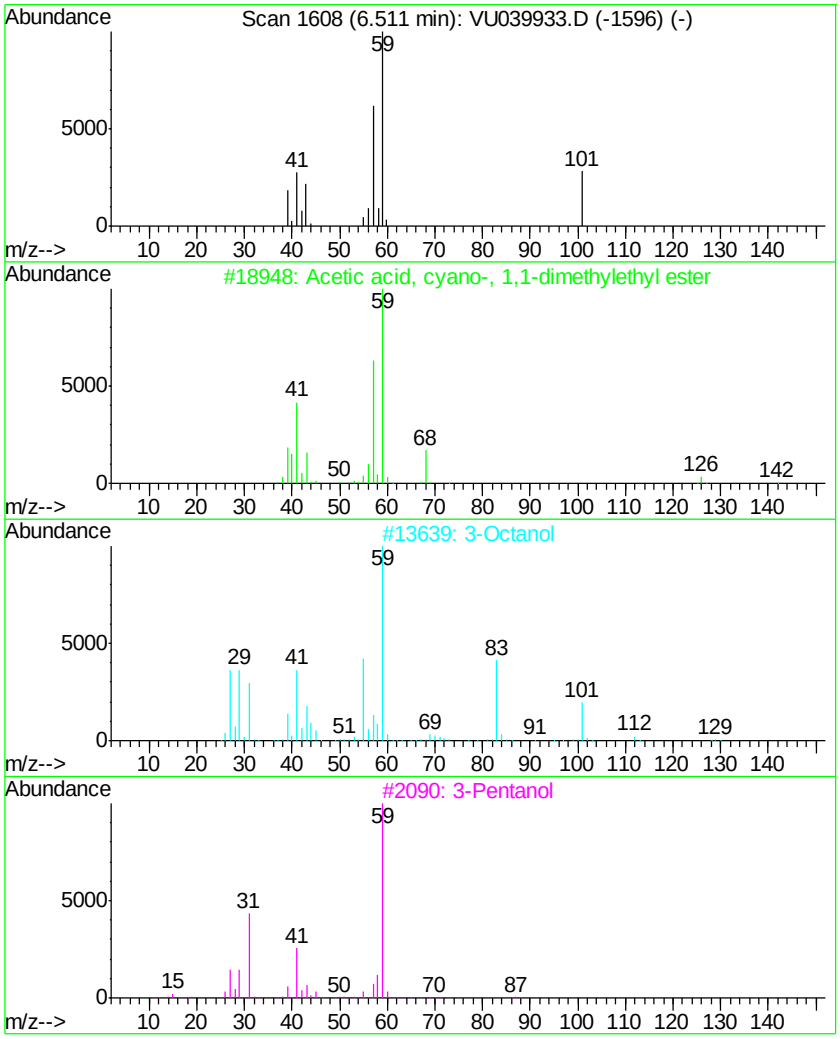
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

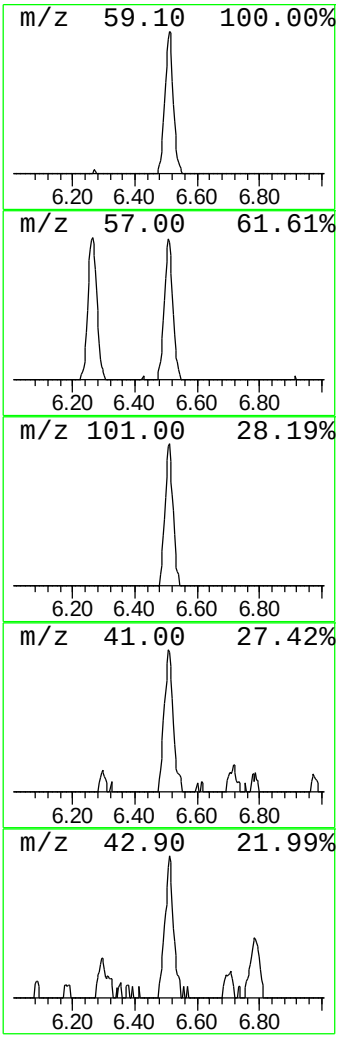
****

Peak Number 6 Acetic acid, cyano-, 1,1-di... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	0.98 ug/L	34829	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	50
2	3-Octanol	130	C8H18O	000589-98-0	43
3	3-Pentanol	88	C5H12O	000584-02-1	38
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	38
5	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082120\
Data File : VU039933.D
Acq On : 21 Aug 2020 17:14
Operator : SY/MD
Sample : L3776-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

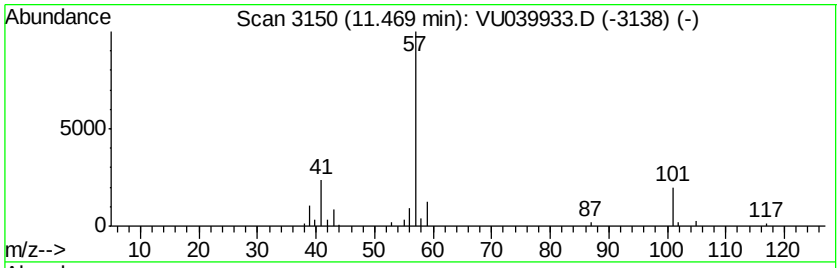
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

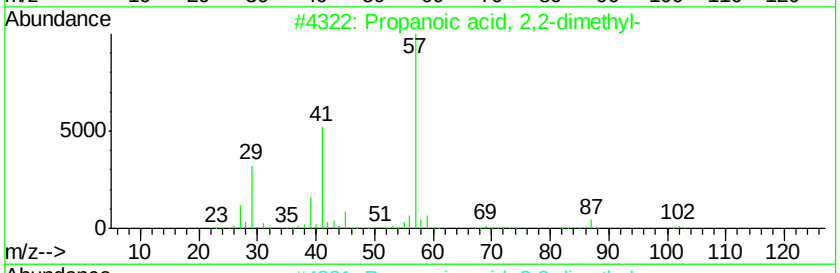
****

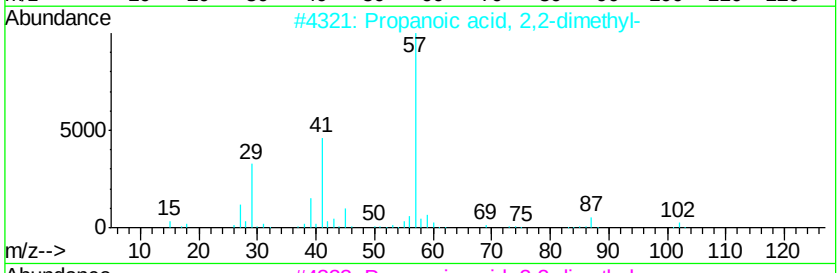
Peak Number 8 unknown-01 Concentration Rank 8

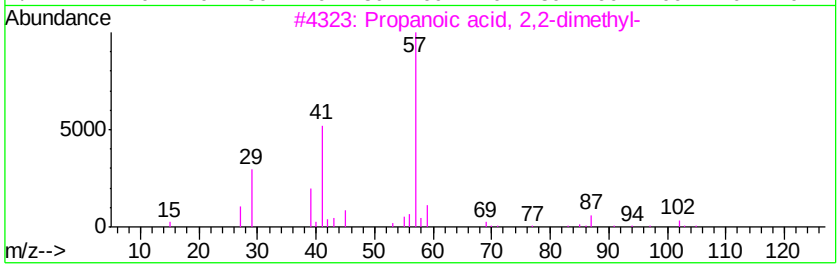
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	0.60 ug/L	26993	1,4-Dichlorobenzene-d4	11.81

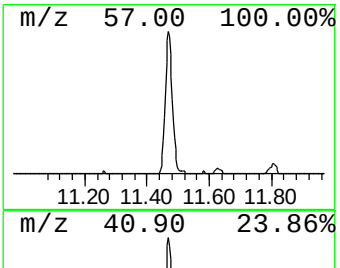
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	47
2	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	47
3	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	38
4	Sulfurous acid, dibutyl ester	194	C8H18O3S	000626-85-7	37
5	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	28

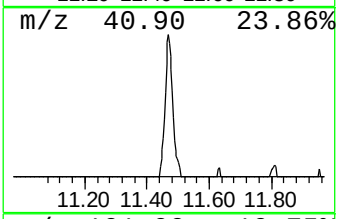


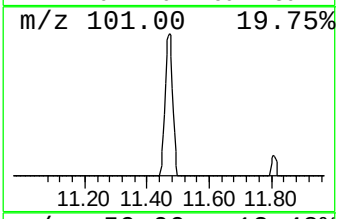


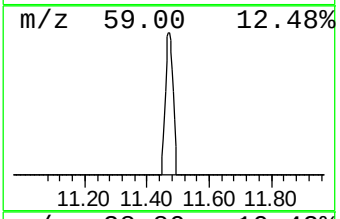


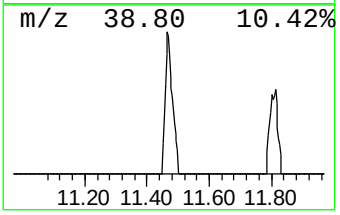












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082120\
Data File : VU039933.D
Acq On : 21 Aug 2020 17:14
Operator : SY/MD
Sample : L3776-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.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
Ethane, 1,1-diflu...	1.36	0.9	ug/L	31824	1	6.26	176805	5.0
Isopropyl Alcohol	2.85	3.4	ug/L	119520	1	6.26	176805	5.0
Propane, 2-ethoxy...	4.52	2.2	ug/L	78716	1	6.26	176805	5.0
Ethyl Acetate	4.83	1.3	ug/L	46222	1	6.26	176805	5.0
Propane, 2-methyl...	5.60	0.8	ug/L	27519	1	6.26	176805	5.0
Acetic acid, cyan...	6.51	1.0	ug/L	34829	1	6.26	176805	5.0
unknown-01	11.47	0.6	ug/L	26993	3	11.81	224737	5.0