LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039934.D
Acq On : 21 Aug 2020 17:38
Operator : SY/MD
Sample : L3776-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y10

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	1.362	3	7	19	rVB	19102	18742	4.54%	0.582%
2	1.604	74	82	92	rBV	43987	49016	11.86%	1.522%
3	1.922	172	181	192	rBV	40219	52702	12.76%	1.637%
4	2.578	374	385	398	rBV	66873	106764	25.84%	3.316%
5	2.658	398	410	428	rVV2	20603	49943	12.09%	1.551%
6	2.851	442	470	473	rBV2	51038	166868	40.39%	5.183%
7	3.890	775	793	807	rBV2	13809	33144	8.02%	1.029%
8	4.652	1014	1030	1054	rBV	61555	169704	41.07%	5.271%
9	4.829	1072	1085	1107	rVB2	23207	54479	13.19%	1.692%
10	5.083	1148	1164	1182	rBV	64826	142704	34.54%	4.432%
11	5.742	1347	1369	1389	rBV2	121184	319717	77.38%	9.930%
12	6.263	1518	1531	1547	rBV	101203	186529	45.15%	5.793%
13	6.510	1596	1608	1619	rBV4	6751	13803	3.34%	0.429%
14	6.703	1654	1668	1686	rBV	86417	166203	40.23%	5.162%
15	7.574	1922	1939	1953	rBV	43136	73371	17.76%	2.279%
16	7.719	1974	1984	1997	rBV2	7500	13995	3.39%	0.435%
17	7.906	2029	2042	2056	rVV	148596	248812	60.22%	7.728%
18	7.980	2056	2065	2072	rVB3	2827	4302	1.04%	0.134%
19	8.185	2118	2129	2139	rBV	28513	47722	11.55%	1.482%
20	8.639	2255	2270	2292	rBV	240182	413173	100.00%	12.832%
21	8.931	2349	2361	2373	rBV4	3639	7271	1.76%	0.226%
22	9.420	2500	2513	2529	rBV2	154669	248737	60.20%	7.725%
23	10.754	2917	2928	2941	rVB	67271	106144	25.69%	3.297%
24	11.809	3244	3256	3269	rBV	144328	227812	55.14%	7.075%
25	12.053	3322	3332	3346	rBV2	28006	44714	10.82%	1.389%
26	12.188	3362	3374	3387	rVB	160425	253396	61.33%	7.870%

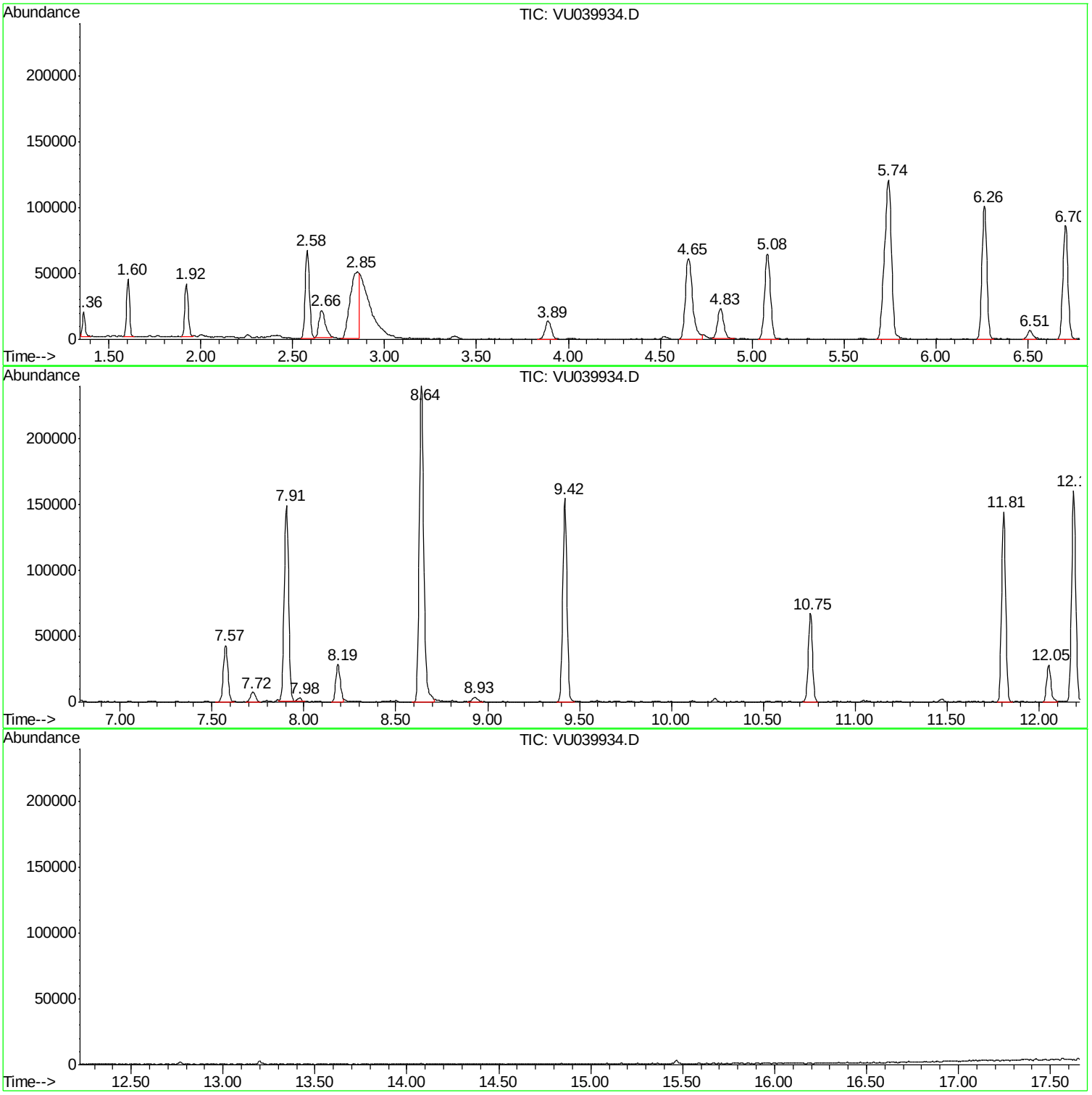
Sum of corrected areas: 3219767

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039934.D
Acq On : 21 Aug 2020 17:38
Operator : SY/MD
Sample : L3776-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y10

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039934.D
Acq On : 21 Aug 2020 17:38
Operator : SY/MD
Sample : L3776-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y10

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

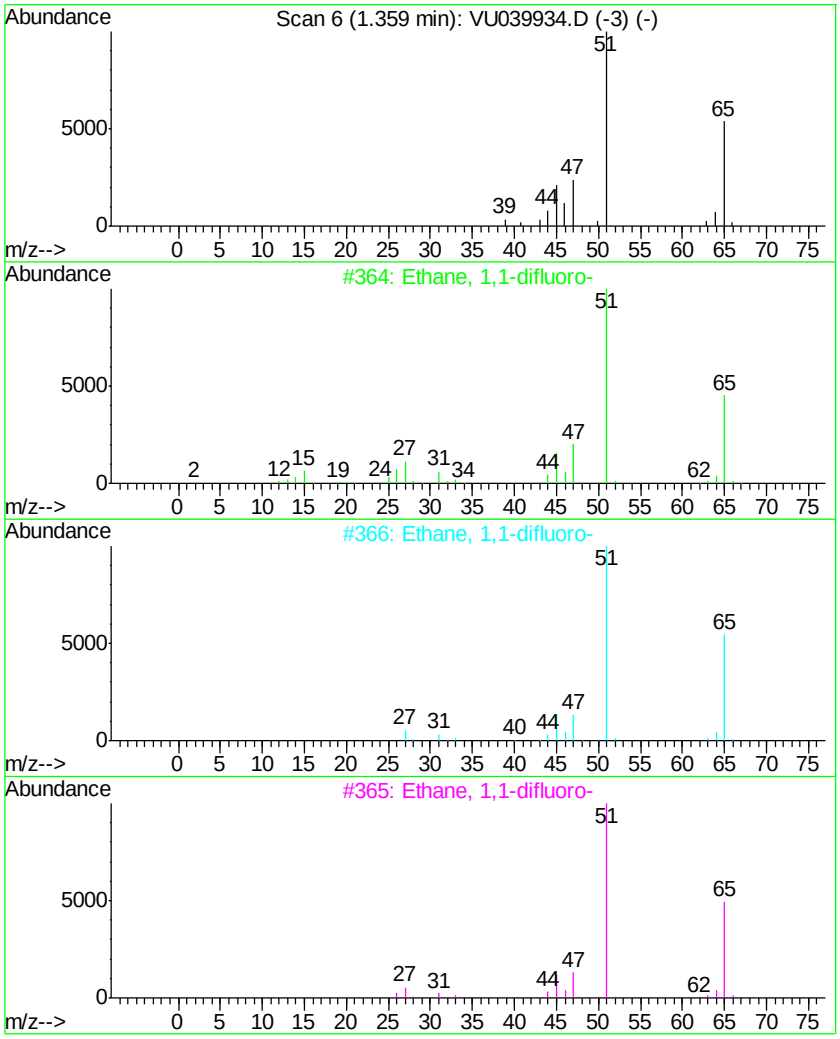
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

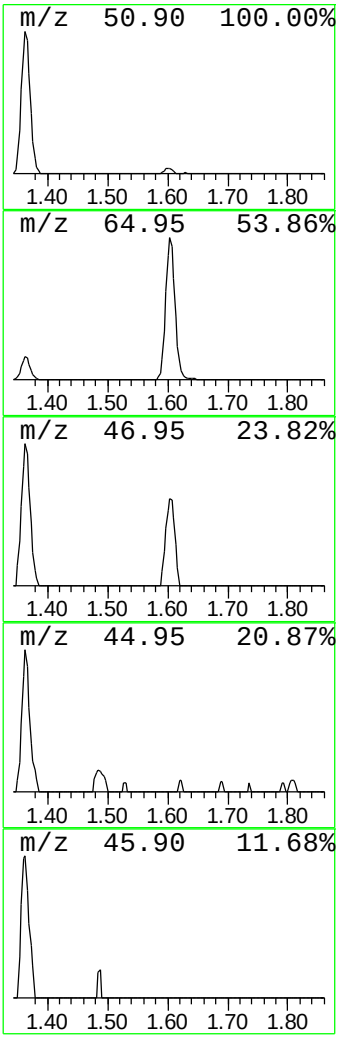
****

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	0.50 ug/L	18742	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	74
4	Propiolonitrile	51	C3HN	001070-71-9	3
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039934.D
Acq On : 21 Aug 2020 17:38
Operator : SY/MD
Sample : L3776-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y10

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

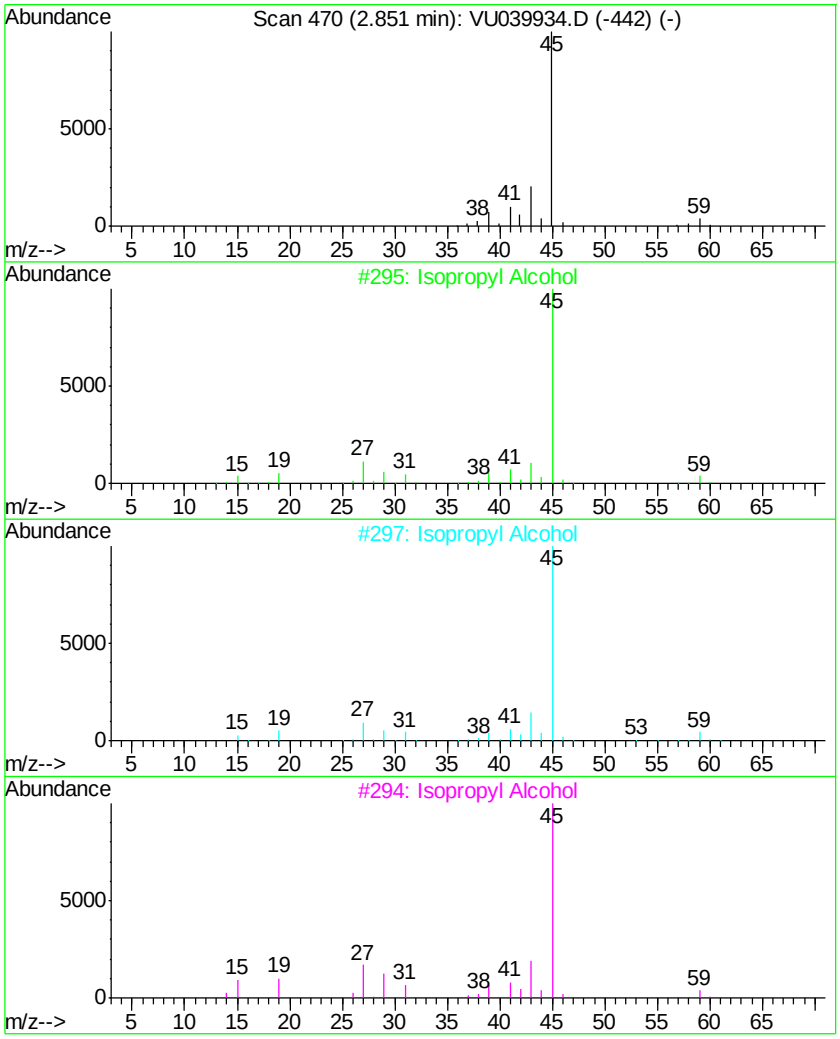
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

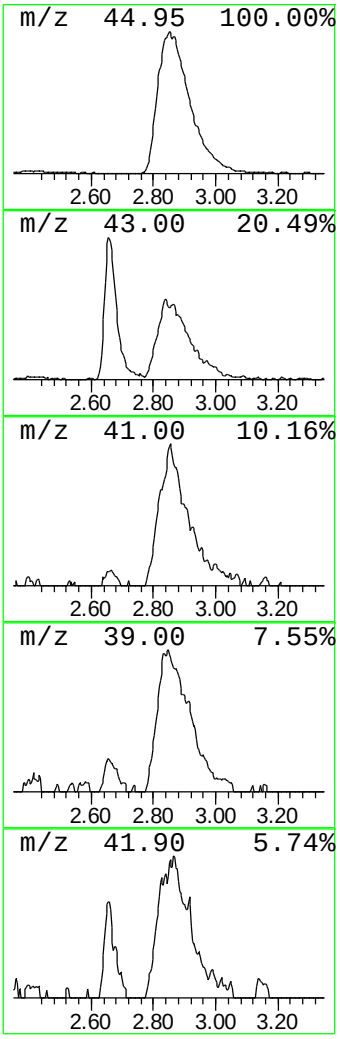
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	4.47 ug/L	166868	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082120\
Data File : VU039934.D
Acq On : 21 Aug 2020 17:38
Operator : SY/MD
Sample : L3776-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y10

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

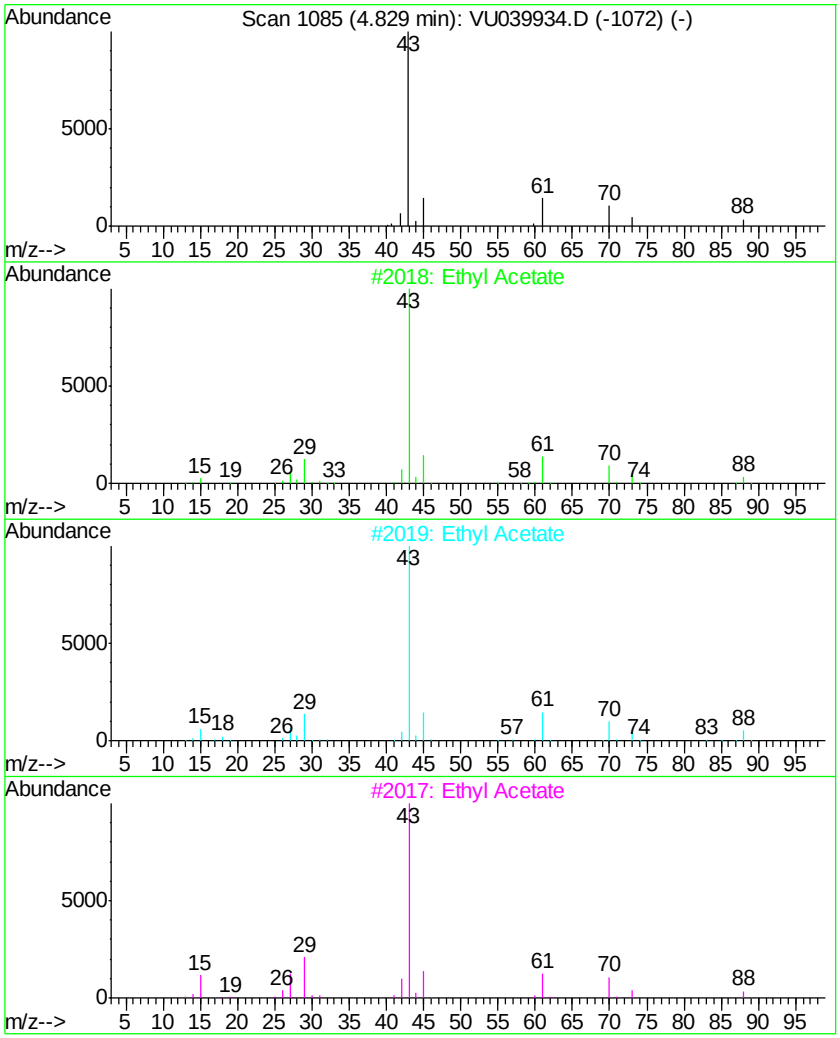
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

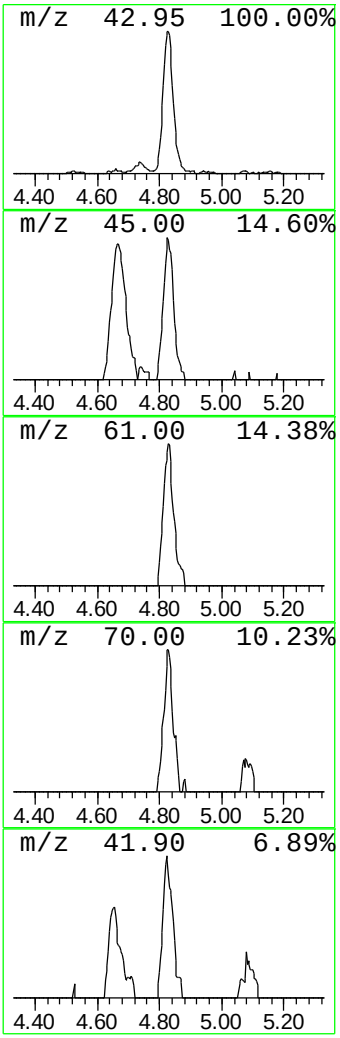
****

Peak Number 3 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	1.46 ug/L	54479	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	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039934.D
Acq On : 21 Aug 2020 17:38
Operator : SY/MD
Sample : L3776-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y10

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

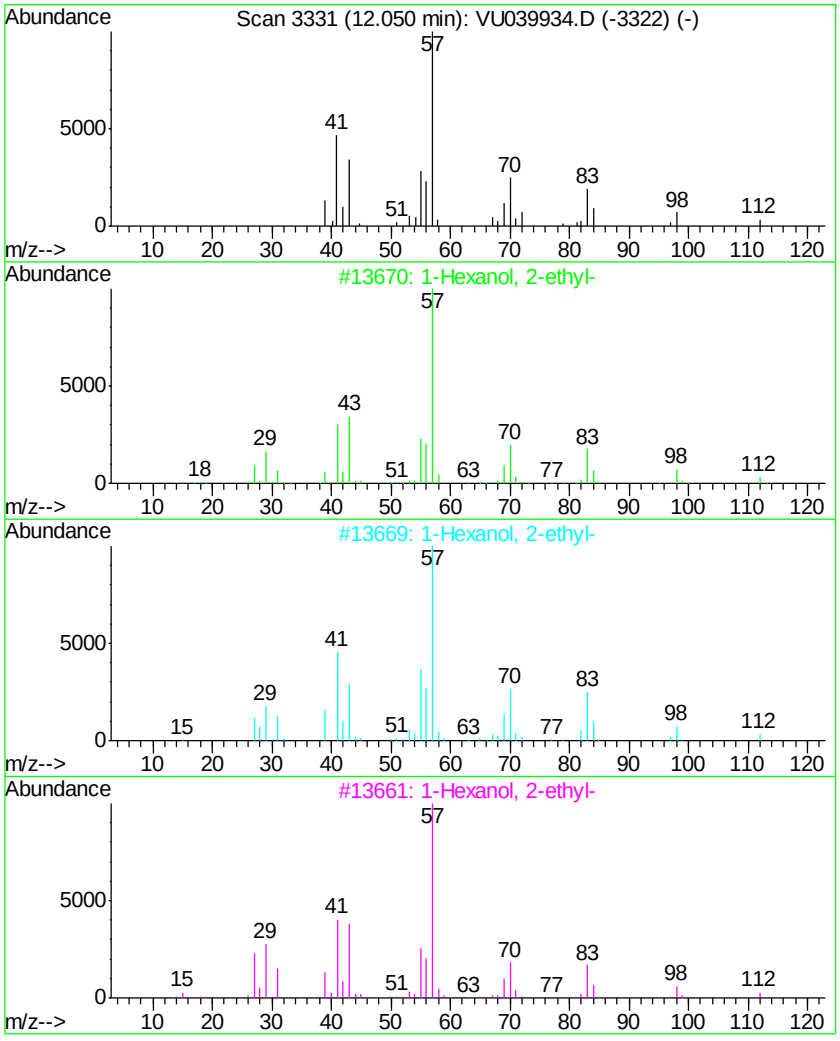
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

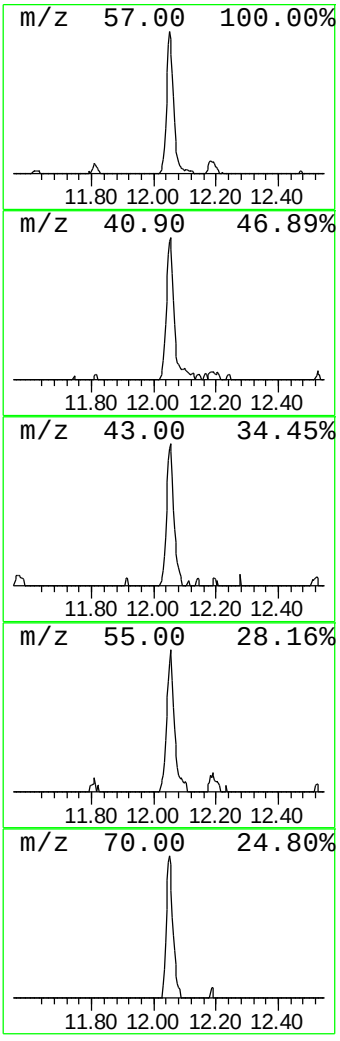
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	0.98 ug/L	44714	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082120\
Data File : VU039934.D
Acq On : 21 Aug 2020 17:38
Operator : SY/MD
Sample : L3776-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y10

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	0.5	ug/L	18742	1	6.26	186529	5.0
Isopropyl Alcohol	2.85	4.5	ug/L	166868	1	6.26	186529	5.0
Ethyl Acetate	4.83	1.5	ug/L	54479	1	6.26	186529	5.0
1-Hexanol, 2-ethyl-	12.05	1.0	ug/L	44714	3	11.81	227812	5.0