LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039937.D
Acq On : 21 Aug 2020 18:50
Operator : SY/MD
Sample : L3776-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y14

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	16	rVB	22758	22291	5.14%	0.613%
2	1.604	73	82	91	rBV	44986	51474	11.87%	1.414%
3	1.922	173	181	193	rVB	42544	54608	12.60%	1.501%
4	2.578	375	385	398	rBV	64567	104483	24.10%	2.871%
5	2.662	398	411	431	rVB	16851	41904	9.67%	1.151%
6	2.848	443	469	529	rBV2	57832	407248	93.95%	11.191%
7	4.517	974	988	1007	rVB4	4228	11167	2.58%	0.307%
8	4.652	1015	1030	1054	rBV	60288	163613	37.74%	4.496%
9	4.825	1068	1084	1106	rVB	48110	111064	25.62%	3.052%
10	5.083	1149	1164	1181	rBV2	68483	148480	34.25%	4.080%
11	5.742	1348	1369	1387	rBV2	124787	328236	75.72%	9.020%
12	6.263	1516	1531	1547	rBV	106089	193554	44.65%	5.319%
13	6.703	1654	1668	1687	rBV	90233	172880	39.88%	4.751%
14	7.423	1880	1892	1901	rVB8	5016	9468	2.18%	0.260%
15	7.575	1928	1939	1955	rBV	45876	76859	17.73%	2.112%
16	7.906	2028	2042	2056	rBV	149576	254605	58.73%	6.996%
17	8.185	2119	2129	2142	rBV2	29778	50626	11.68%	1.391%
18	8.639	2258	2270	2293	rBV	248539	433484	100.00%	11.912%
19	8.922	2346	2358	2374	rBV7	3410	7968	1.84%	0.219%
20	9.420	2498	2513	2529	rBV	150372	246628	56.89%	6.777%
21	9.780	2618	2625	2633	rVB5	3783	5051	1.17%	0.139%
22	10.526	2848	2857	2866	rBV4	3020	4657	1.07%	0.128%
23	10.755	2914	2928	2942	rBV	70708	114931	26.51%	3.158%
24	11.468	3141	3150	3162	rVB2	11588	17838	4.12%	0.490%
25	11.809	3243	3256	3269	rBV	147015	229292	52.90%	6.301%
26	12.050	3320	3331	3347	rBV2	56447	93043	21.46%	2.557%
27	12.189	3360	3374	3386	rBV	169167	266309	61.43%	7.318%
28	13.201	3679	3689	3699	rBV4	12142	17323	4.00%	0.476%

Sum of corrected areas: 3639084

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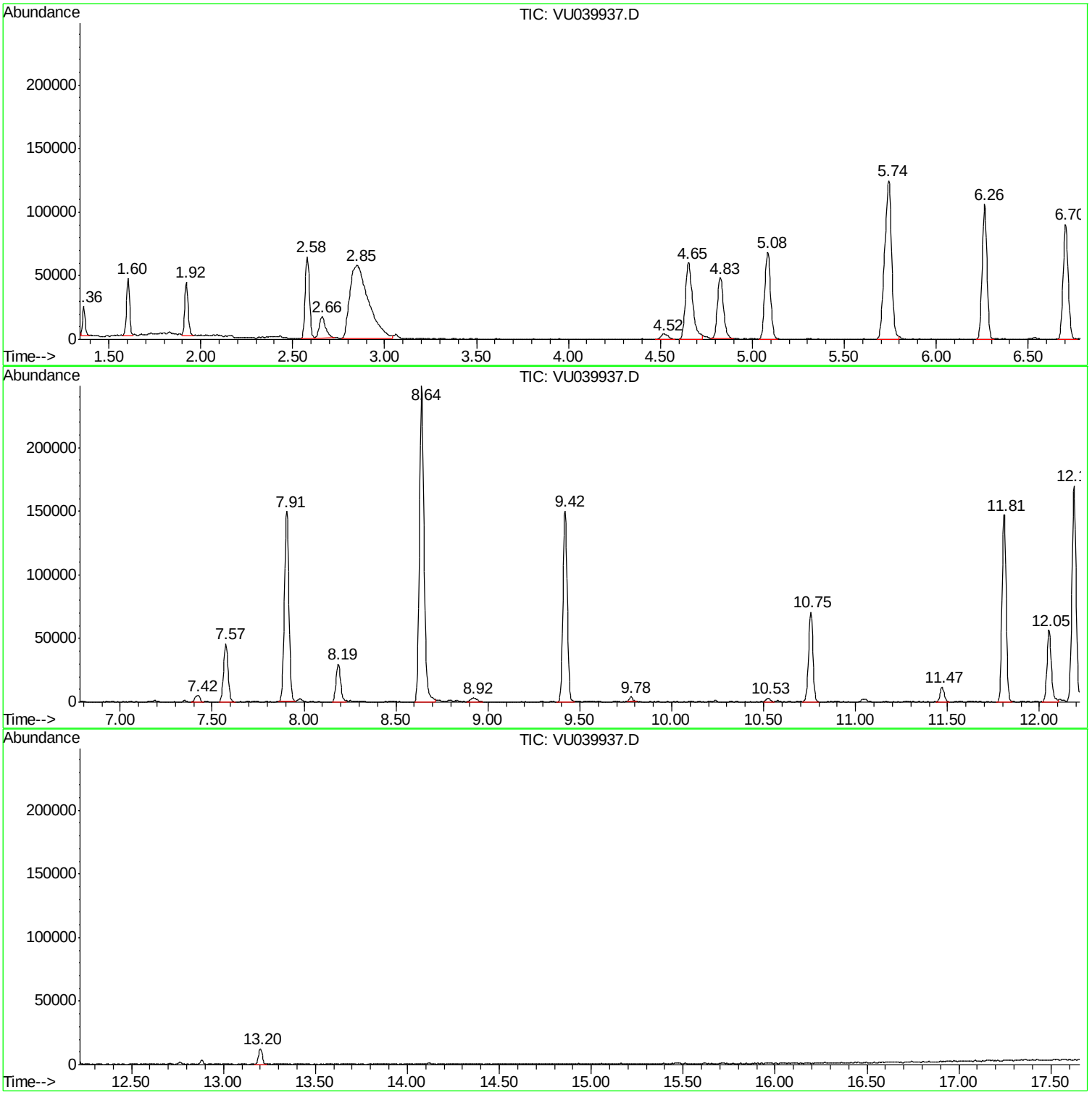
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

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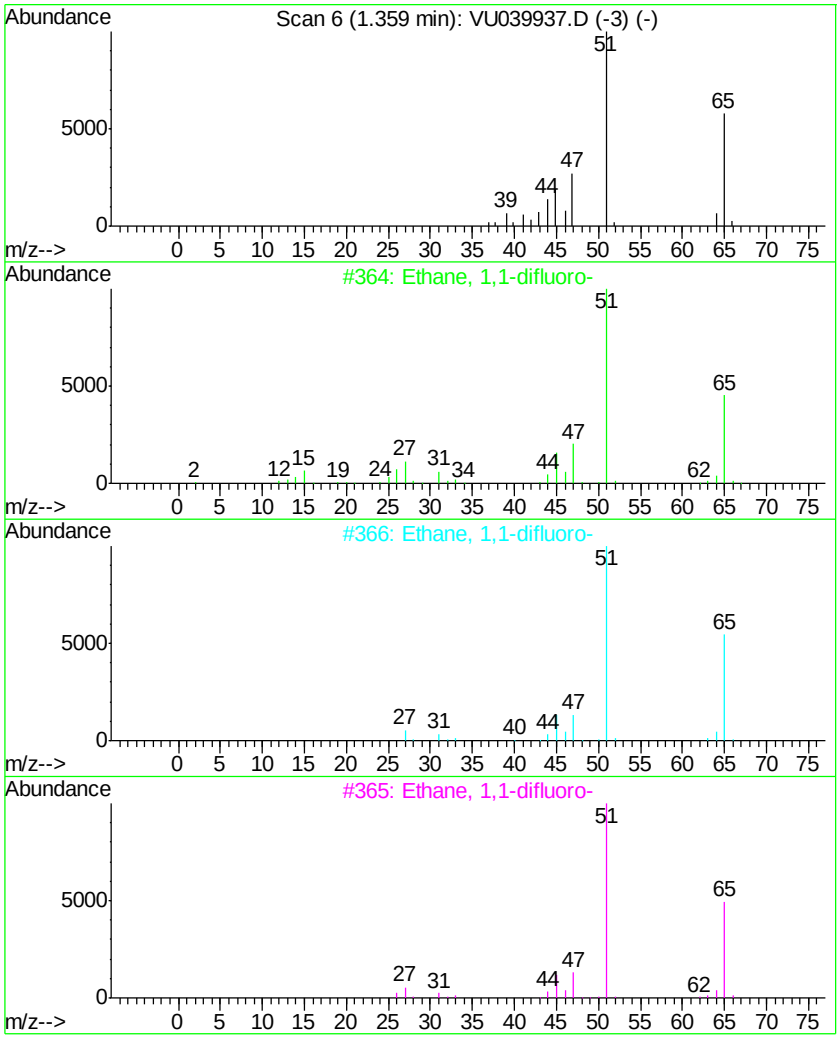
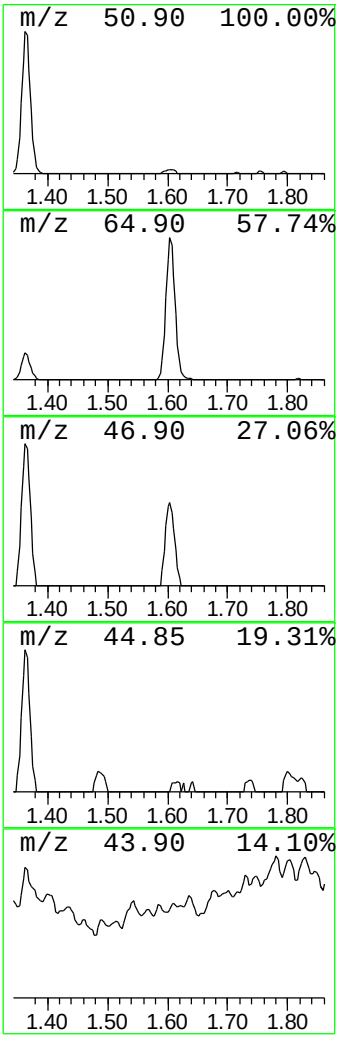
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	0.58 ug/L	22291	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	83
2	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	74
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	64
4	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4
5	Propiolonitrile	51	C3HN	001070-71-9	3





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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y14

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

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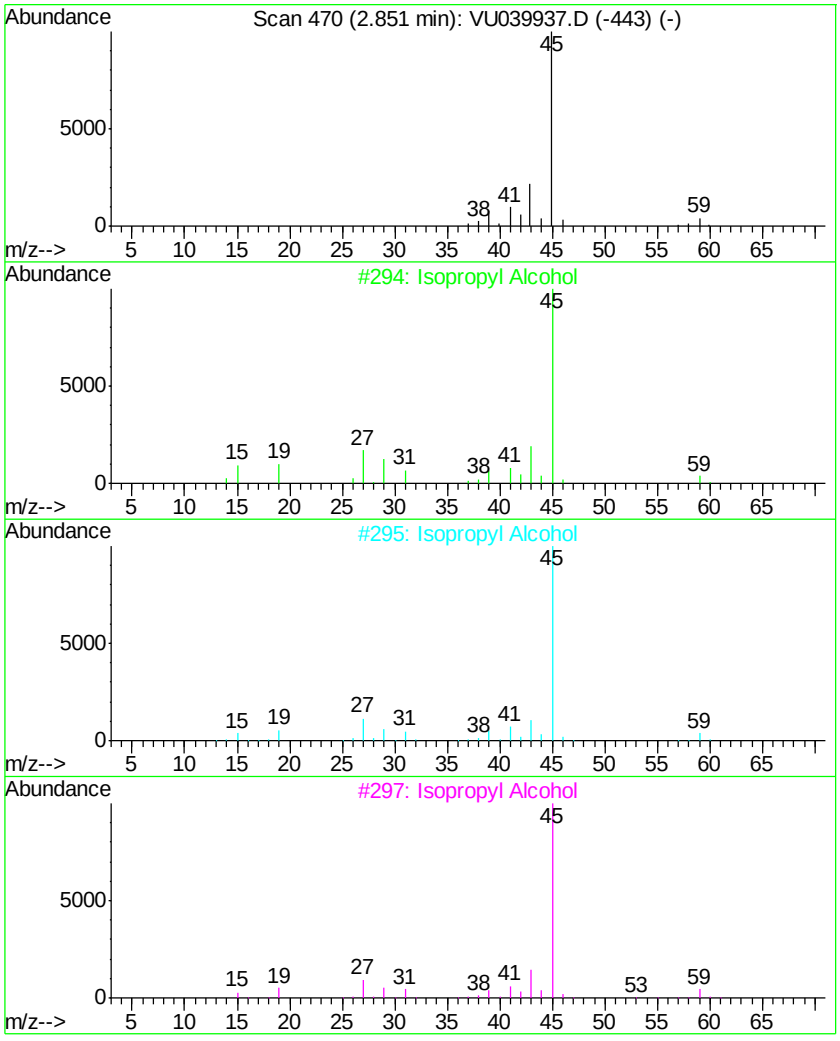
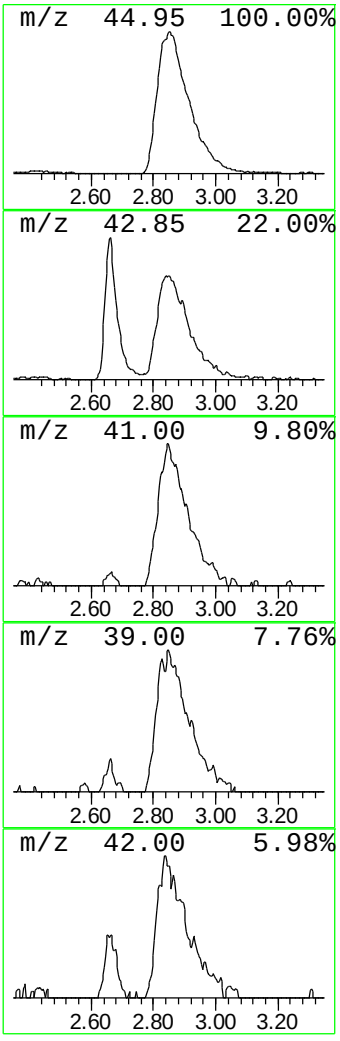
Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	10.52 ug/L	407248	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y14

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

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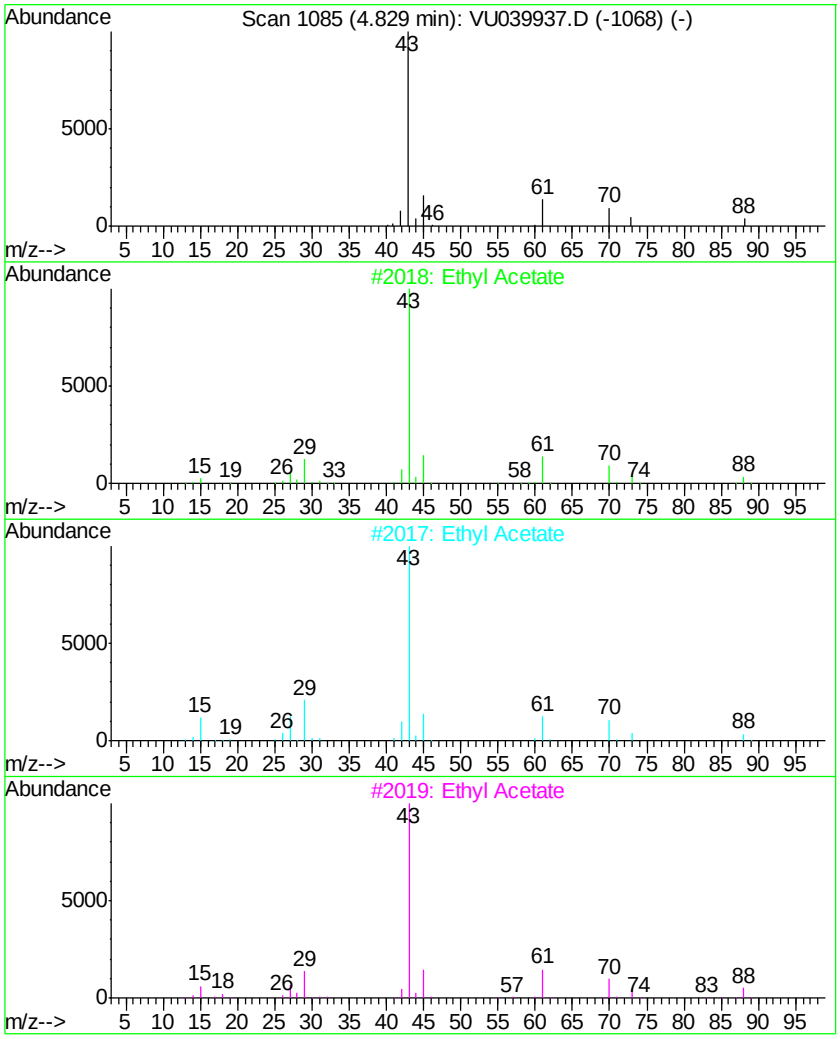
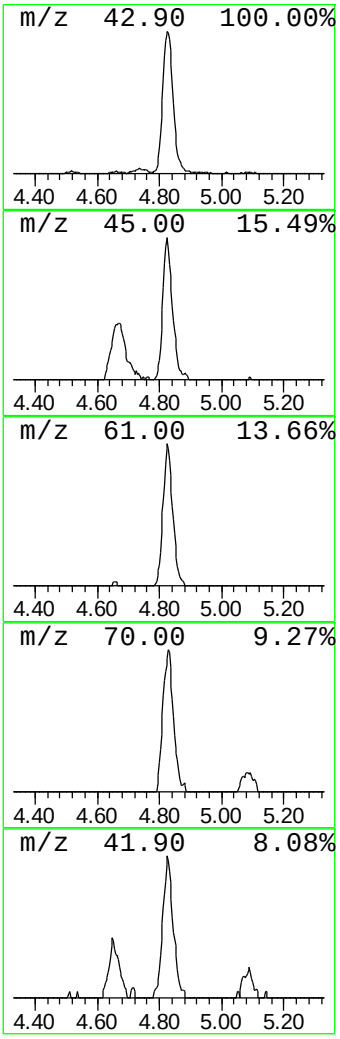
Peak Number 3 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	2.87 ug/L	111064	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	83
4	Ethyl Acetate	88	C4H8O2	000141-78-6	45
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	38





Library Search Compound Report

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Instrument : MSVOA_U
ClientSampleId : F4Y14

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

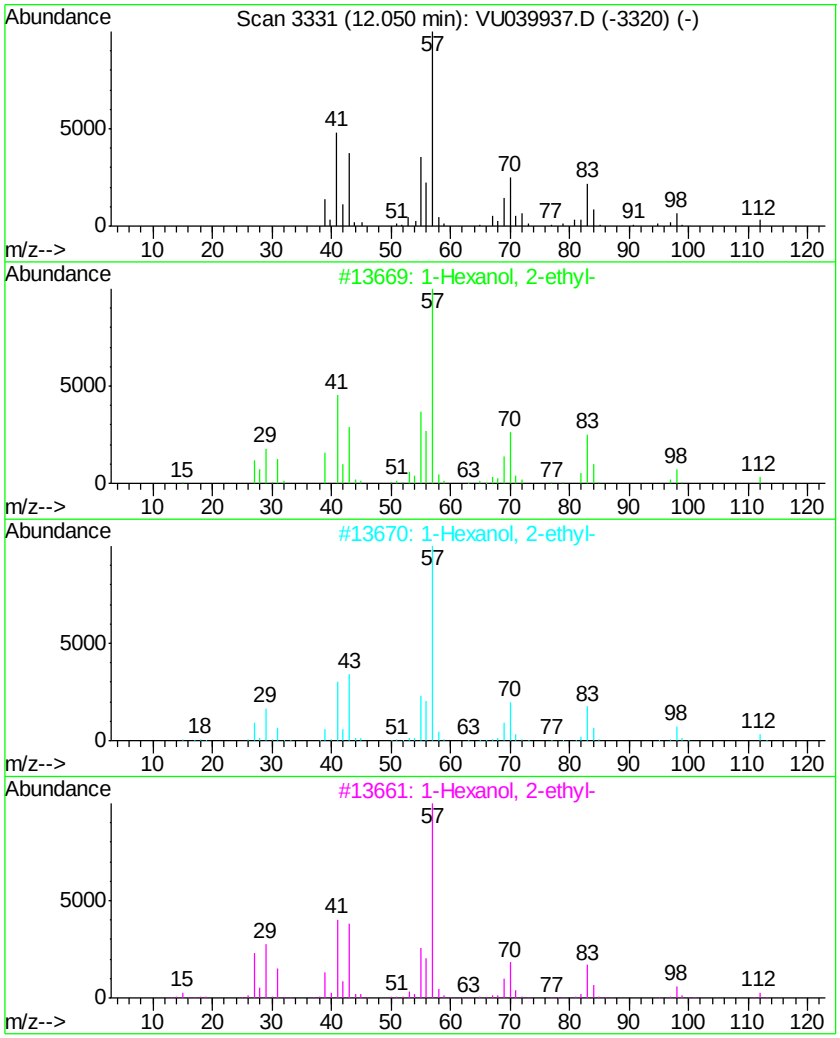
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

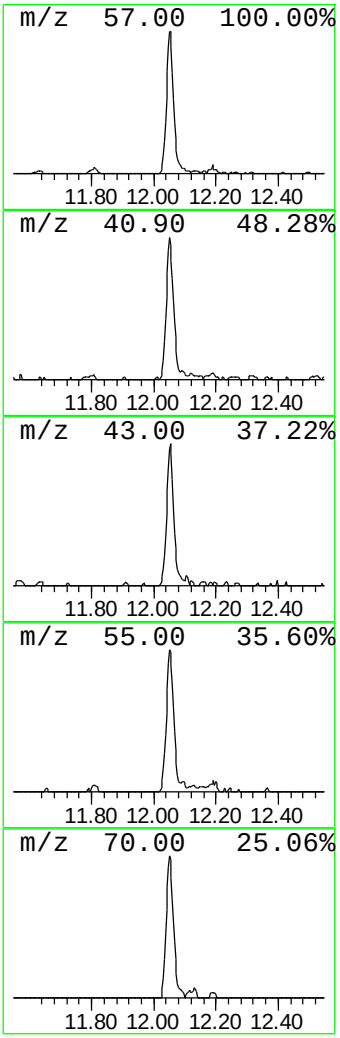
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.03 ug/L	93043	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	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59





Tentatively Identified Compound (LSC) summary

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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	0.6	ug/L	22291	1	6.26	193554	5.0
Isopropyl Alcohol	2.85	10.5	ug/L	407248	1	6.26	193554	5.0
Ethyl Acetate	4.83	2.9	ug/L	111064	1	6.26	193554	5.0
1-Hexanol, 2-ethyl-	12.05	2.0	ug/L	93043	3	11.81	229292	5.0