LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039938.D
Acq On : 21 Aug 2020 19:14
Operator : SY/MD
Sample : L3776-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y15

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	26720	26500	6.74%	0.824%
2	1.604	72	82	90	rBV	44942	49457	12.59%	1.538%
3	1.922	173	181	195	rVB	40748	53257	13.55%	1.656%
4	2.578	373	385	399	rBV	63251	103985	26.46%	3.233%
5	2.655	399	409	425	rBV	15188	35895	9.14%	1.116%
6	2.838	443	466	470	rBV2	53683	160304	40.80%	4.984%
7	4.520	979	989	1002	rBV4	4639	10333	2.63%	0.321%
8	4.652	1014	1030	1051	rBV	60483	159248	40.53%	4.951%
9	4.825	1070	1084	1103	rBV2	46760	104017	26.47%	3.234%
10	5.083	1147	1164	1180	rBV	65783	146221	37.21%	4.546%
11	5.742	1347	1369	1396	rVB2	125641	329898	83.96%	10.257%
12	6.263	1518	1531	1547	rBV	103533	192058	48.88%	5.971%
13	6.703	1655	1668	1685	rBV	82838	161312	41.05%	5.015%
14	7.417	1880	1890	1901	rVB4	10045	19058	4.85%	0.593%
15	7.574	1927	1939	1953	rBV	41444	70821	18.02%	2.202%
16	7.906	2028	2042	2056	rBV	142597	239868	61.05%	7.458%
17	8.185	2118	2129	2147	rBV2	27429	48149	12.25%	1.497%
18	8.639	2256	2270	2296	rBV	230734	392932	100.00%	12.217%
19	9.420	2498	2513	2532	rBV	156127	252650	64.30%	7.855%
20	9.774	2611	2623	2631	rVB6	3903	6216	1.58%	0.193%
21	10.523	2847	2856	2868	rBV5	2977	4951	1.26%	0.154%
22	10.754	2915	2928	2942	rBV	63833	102352	26.05%	3.182%
23	11.471	3140	3151	3162	rBV2	11324	17446	4.44%	0.542%
24	11.806	3244	3255	3270	rVB	134143	212327	54.04%	6.602%
25	12.050	3318	3331	3344	rBV2	50520	81538	20.75%	2.535%
26	12.188	3362	3374	3390	rVB	138120	223947	56.99%	6.963%
27	13.201	3678	3689	3697	rBV3	7863	11580	2.95%	0.360%

Sum of corrected areas: 3216320

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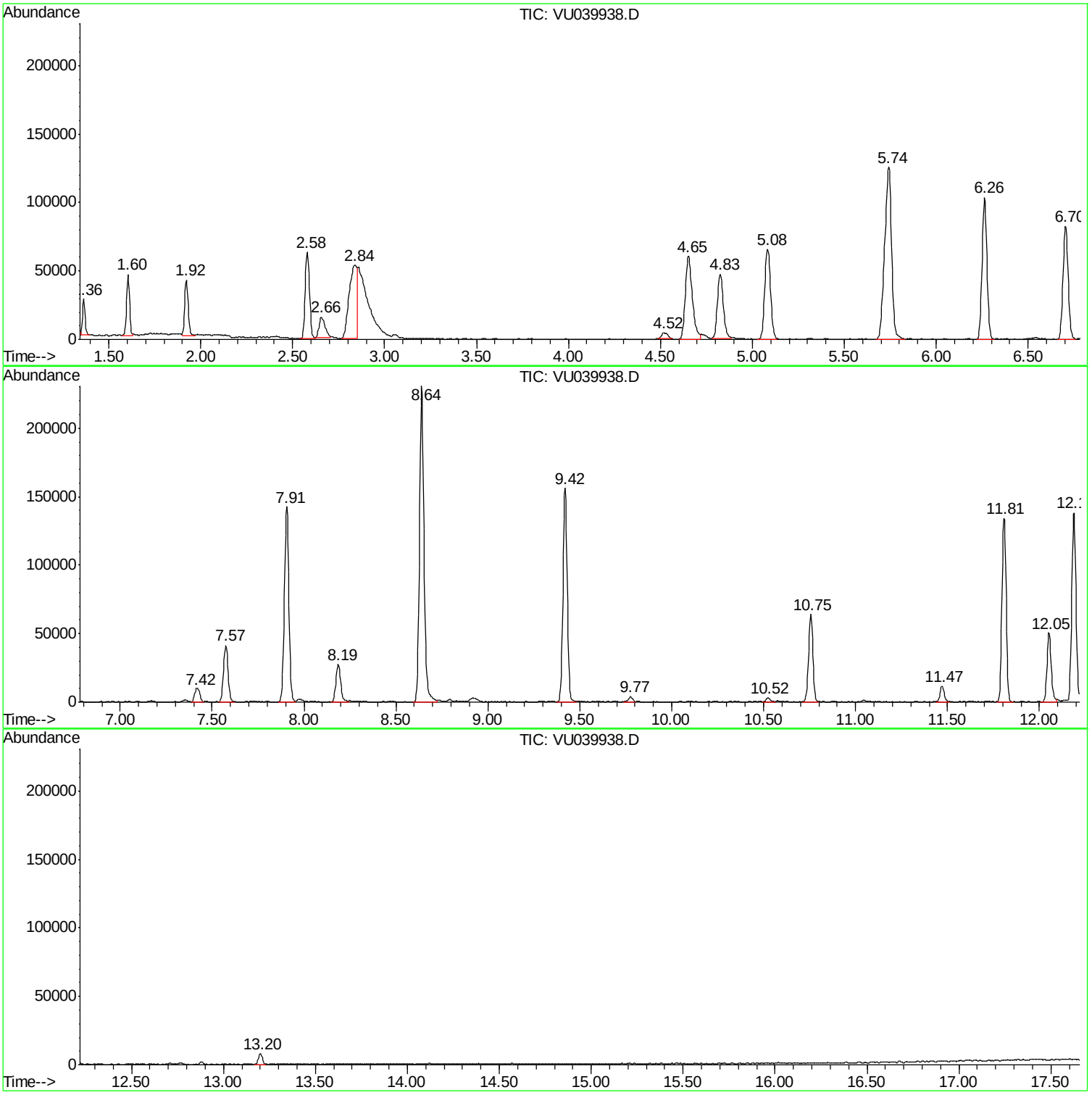
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

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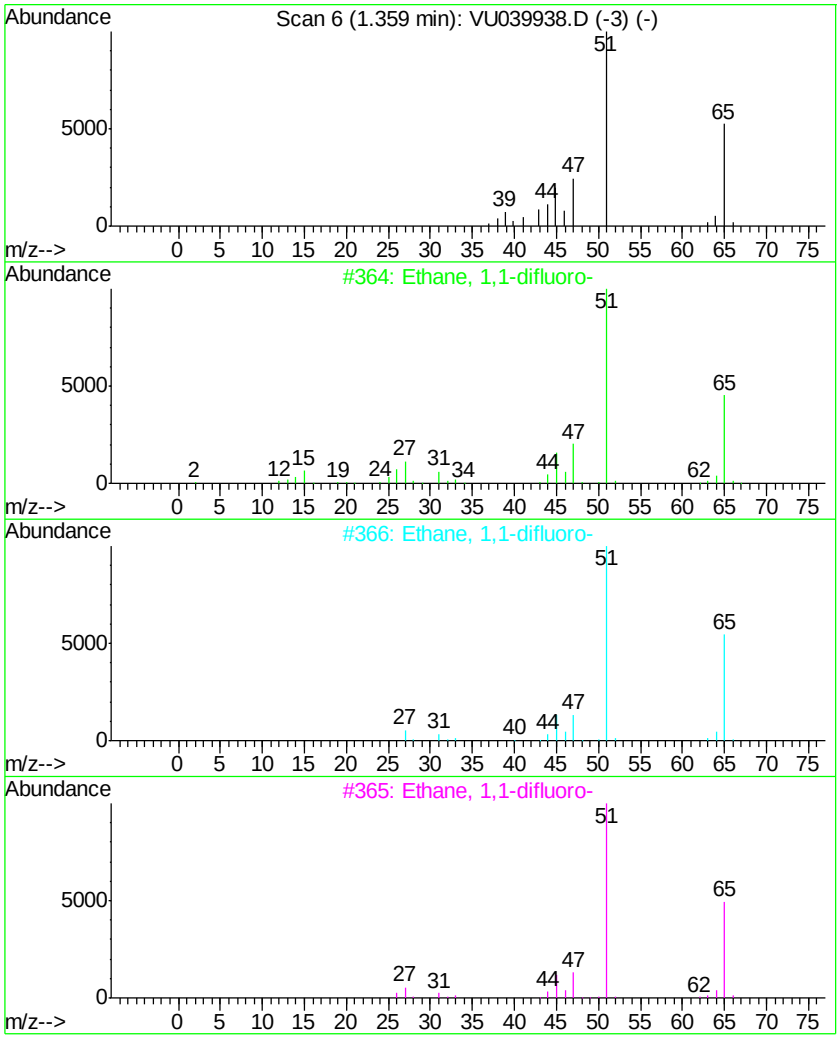
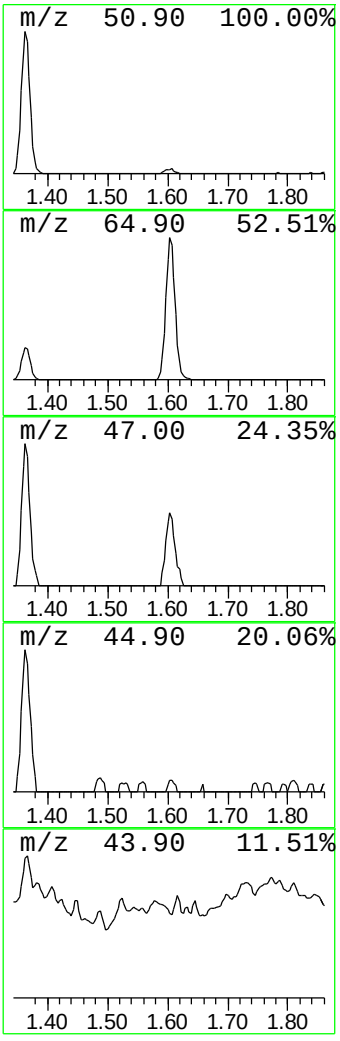
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	0.69 ug/L	26500	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	78
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	78
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 : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y15

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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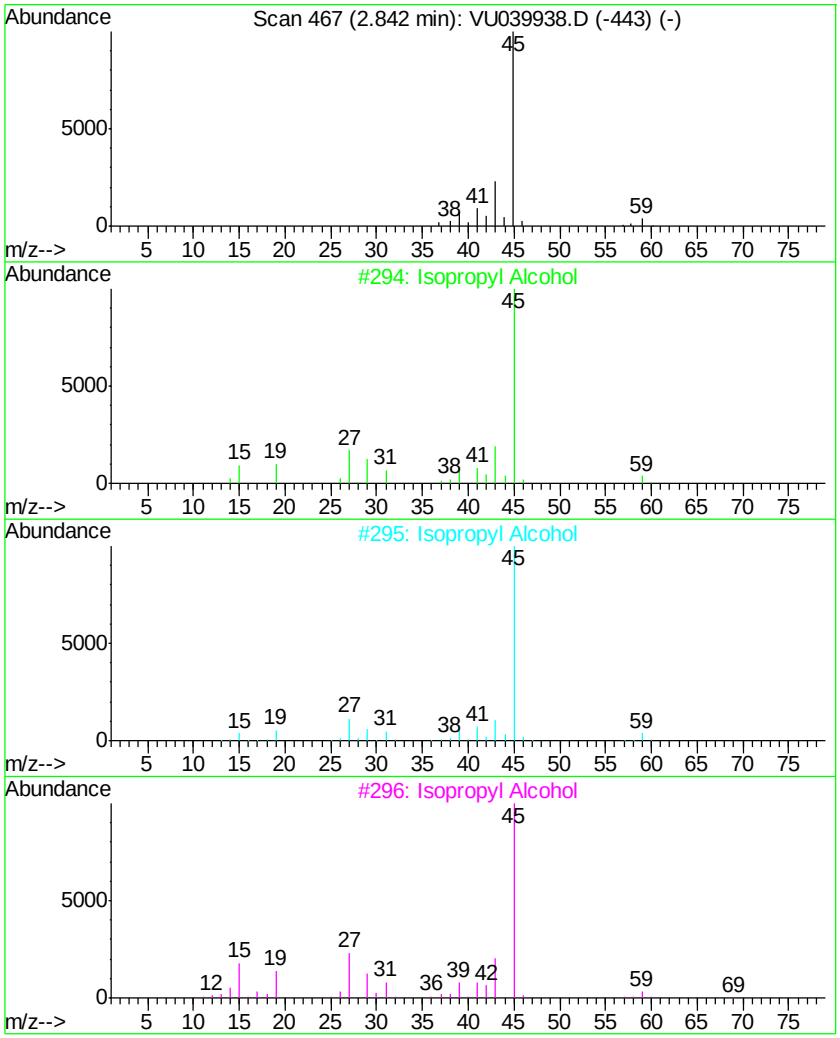
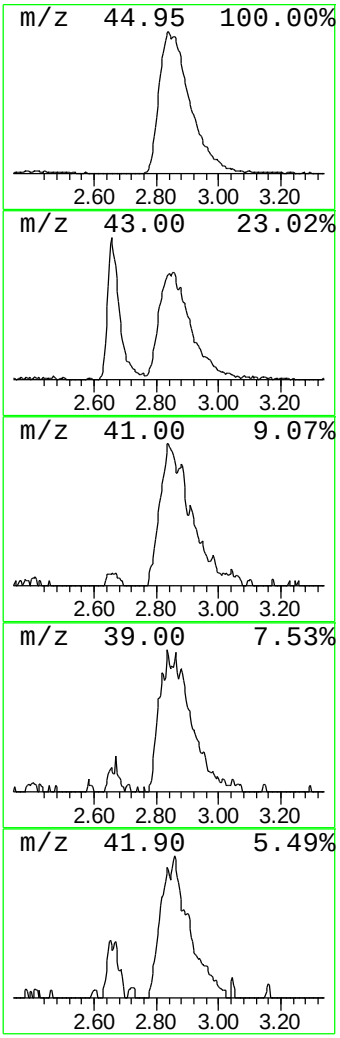
Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	4.17 ug/L	160304	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	83
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	5





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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y15

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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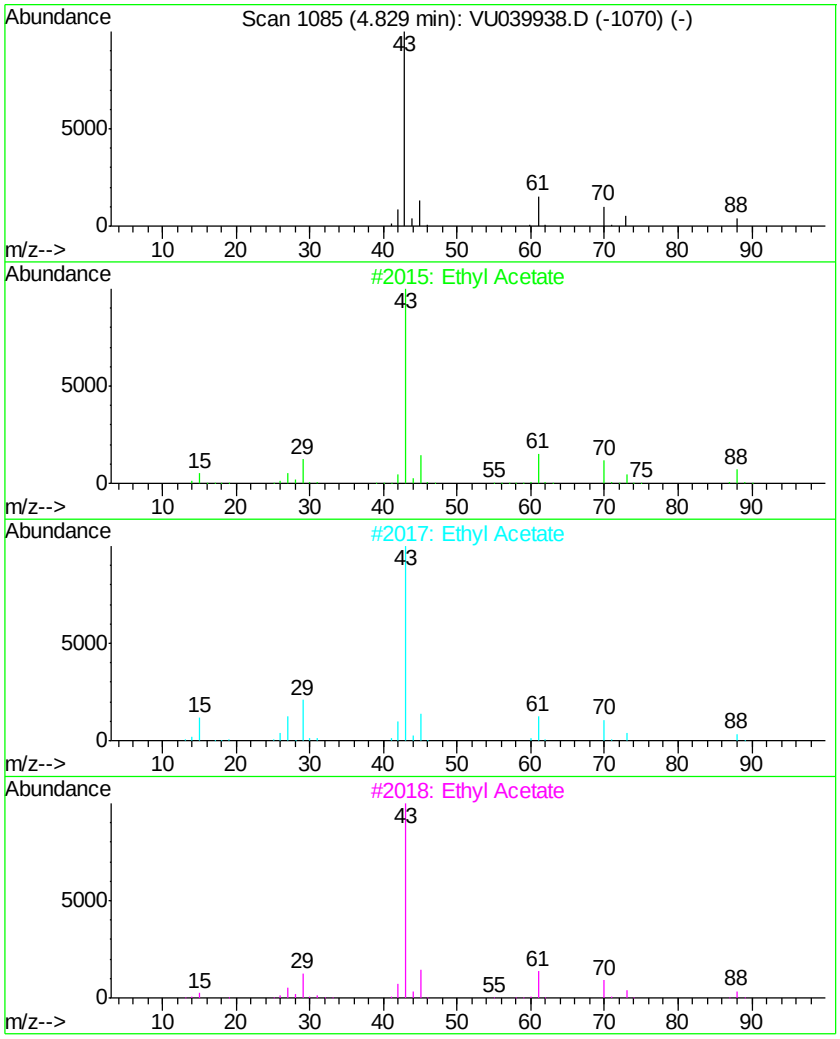
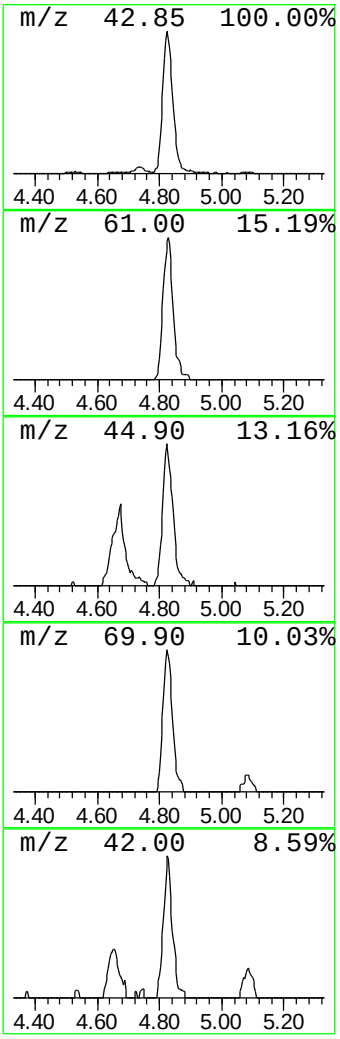
Peak Number 3 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	2.71 ug/L	104017	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	90
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	45





Library Search Compound Report

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Instrument : MSVOA_U
ClientSampleId : F4Y15

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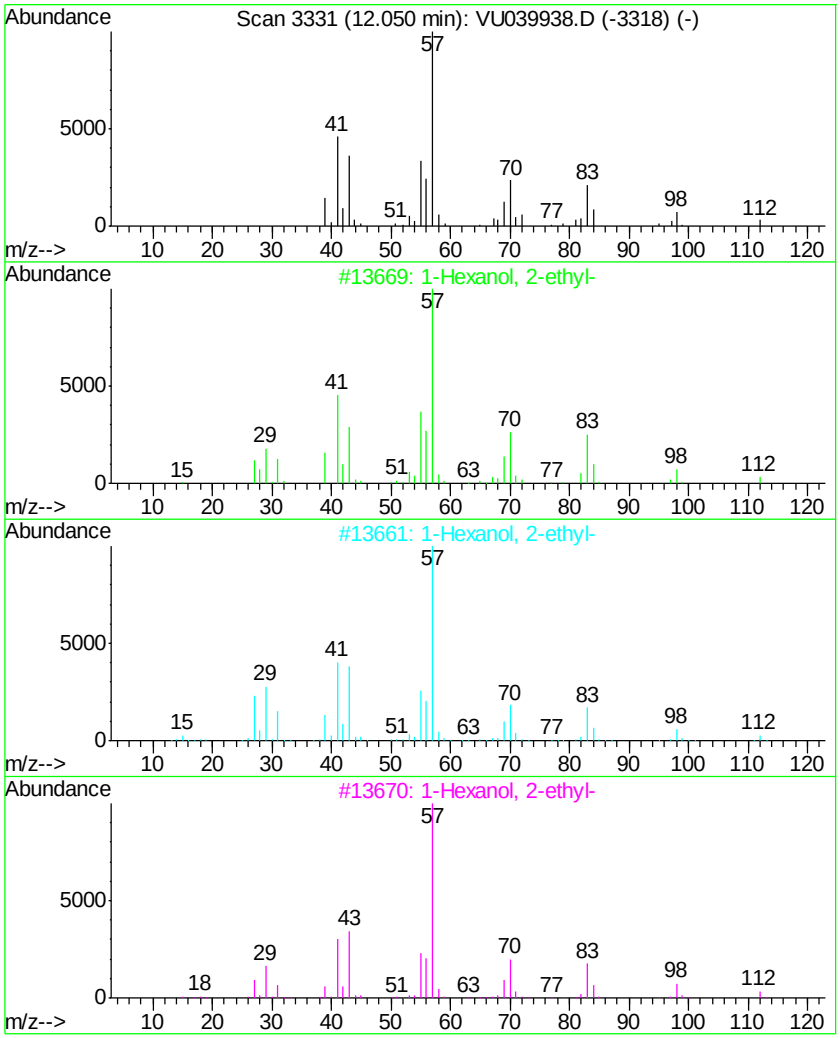
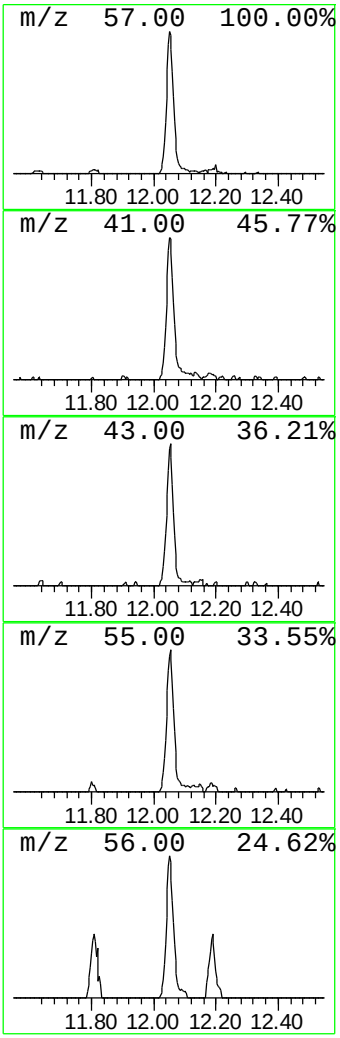
Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	1.92 ug/L	81538	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	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	59
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53





Tentatively Identified Compound (LSC) summary

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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	0.7	ug/L	26500	1	6.26	192058	5.0
Isopropyl Alcohol	2.84	4.2	ug/L	160304	1	6.26	192058	5.0
Ethyl Acetate	4.83	2.7	ug/L	104017	1	6.26	192058	5.0
1-Hexanol, 2-ethyl-	12.05	1.9	ug/L	81538	3	11.81	212327	5.0