LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038070.D
Acq On : 08 May 2020 04:12
Operator : JC/MD
Sample : L2528-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL7

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\SOMUTR050720WMA.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	1.369	3	9	21	rVB	91655	90631	5.77%	0.695%
2	1.610	75	84	96	rBV	210891	231846	14.76%	1.777%
3	1.929	175	183	195	rVB	165549	211302	13.45%	1.620%
4	2.591	376	389	400	rBV	284555	462851	29.47%	3.548%
5	2.652	400	408	418	rVB	16381	27406	1.74%	0.210%
6	2.781	437	448	471	rBV	57264	109470	6.97%	0.839%
7	3.218	568	584	603	rVB	24716	57553	3.66%	0.441%
8	3.395	623	639	654	rBV4	13462	31953	2.03%	0.245%
9	4.565	987	1003	1017	rBV4	11253	28135	1.79%	0.216%
10	4.665	1017	1034	1067	rBV3	310457	827483	52.69%	6.343%
11	4.842	1074	1089	1107	rBV	193514	408968	26.04%	3.135%
12	5.099	1152	1169	1194	rBV2	274688	654644	41.68%	5.018%
13	5.421	1256	1269	1286	rVB3	18059	39715	2.53%	0.304%
14	5.758	1351	1374	1400	rBV2	524847	1340727	85.36%	10.277%
15	6.279	1521	1536	1570	rBV	450393	861902	54.88%	6.607%
16	6.562	1611	1624	1635	rBV9	7673	18239	1.16%	0.140%
17	6.720	1659	1673	1693	rBV	324479	636967	40.56%	4.883%
18	7.067	1764	1781	1799	rBV	128874	228776	14.57%	1.754%
19	7.591	1931	1944	1966	rBV	161273	284069	18.09%	2.177%
20	7.922	2028	2047	2077	rBV	625120	1146947	73.03%	8.792%
21	8.202	2122	2134	2151	rBV	98003	163626	10.42%	1.254%
22	8.655	2261	2275	2308	rBV	804458	1570593	100.00%	12.039%
23	9.436	2503	2518	2550	rBV	634255	1098485	69.94%	8.420%
24	10.771	2919	2933	2950	rBV	234191	371468	23.65%	2.847%
25	11.825	3248	3261	3281	rBV	651987	1053793	67.10%	8.078%
26	12.205	3365	3379	3397	rBV	602371	969538	61.73%	7.432%
27	17.375	4978	4987	4999	rVB	67926	118745	7.56%	0.910%

Sum of corrected areas: 13045832

LSC Report - Integrated Chromatogram

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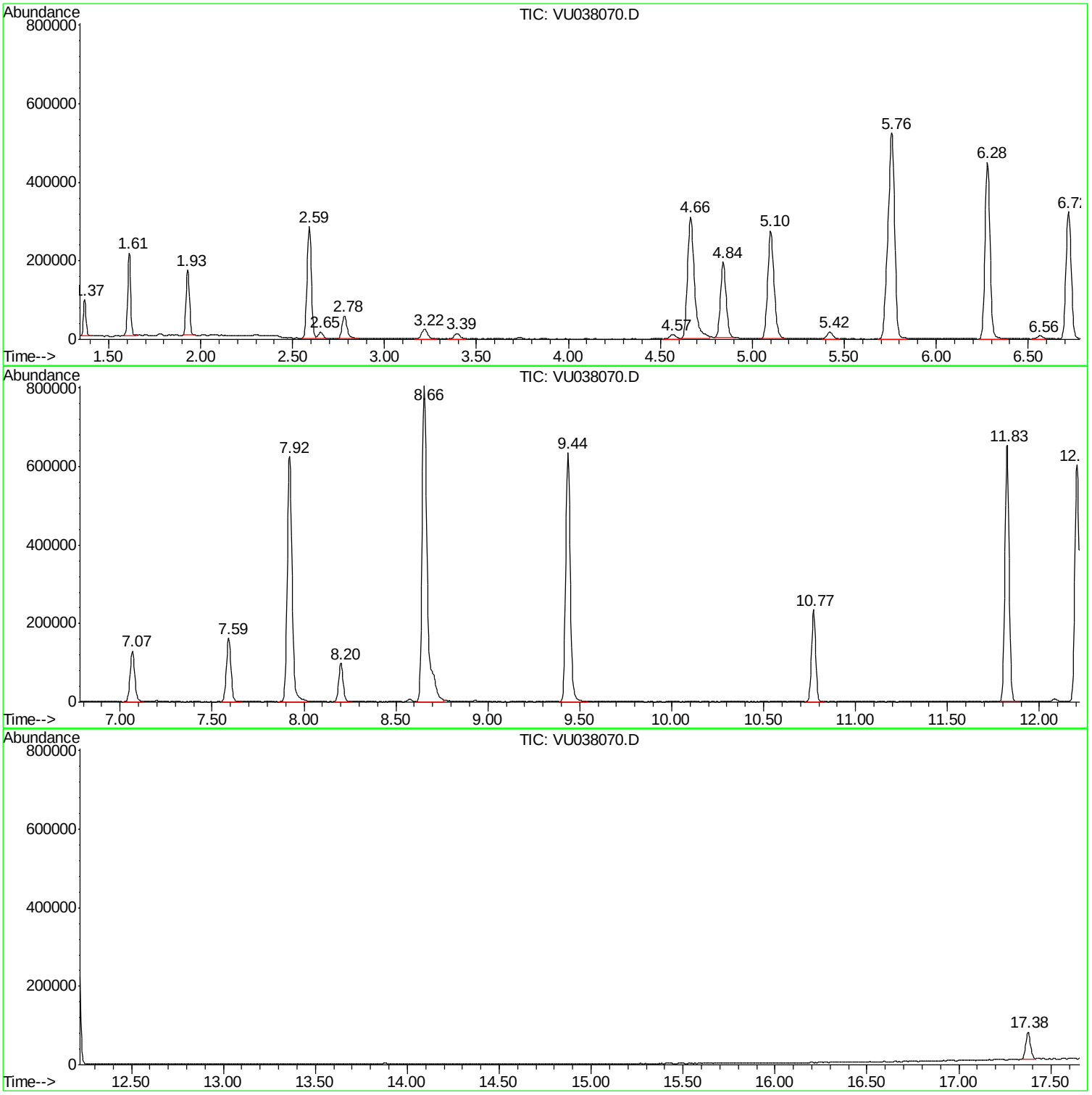
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Acq On : 08 May 2020 04:12
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Instrument : MSVOA_U
ClientSampleId : BFSL7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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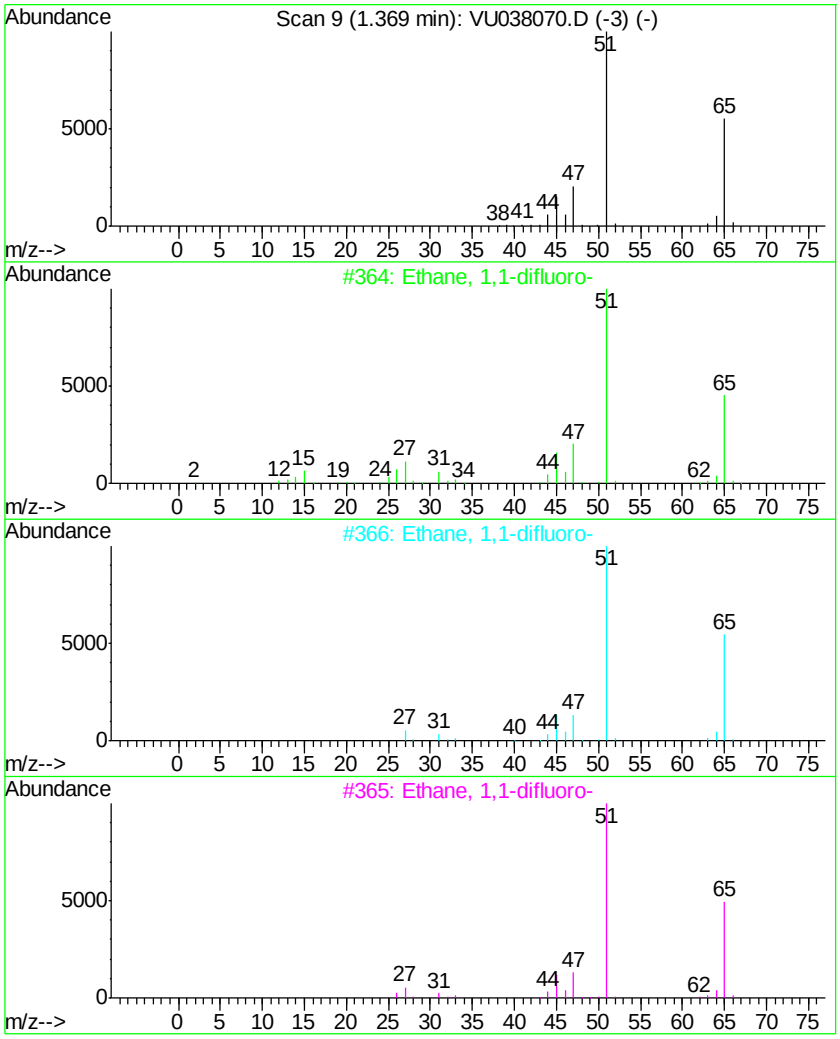
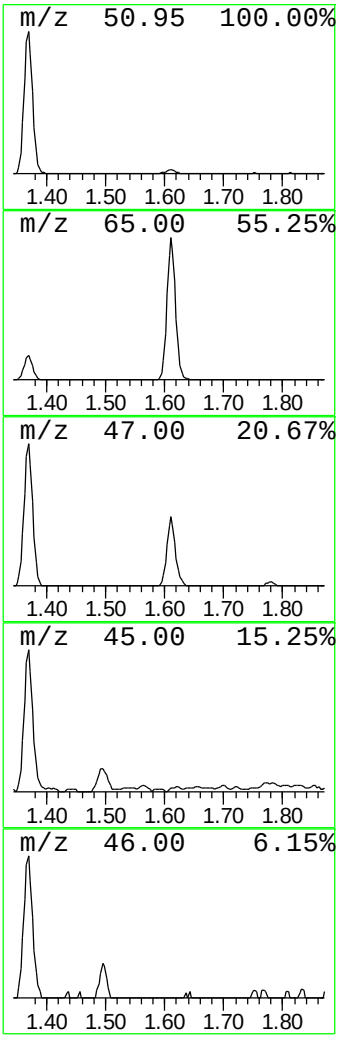
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.53 ug/L	90631	1,4-Difluorobenzene	6.28

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	91
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
4	Propiolonitrile	51	C3HN	001070-71-9	3
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2





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Data File : VU038070.D
Acq On : 08 May 2020 04:12
Operator : JC/MD
Sample : L2528-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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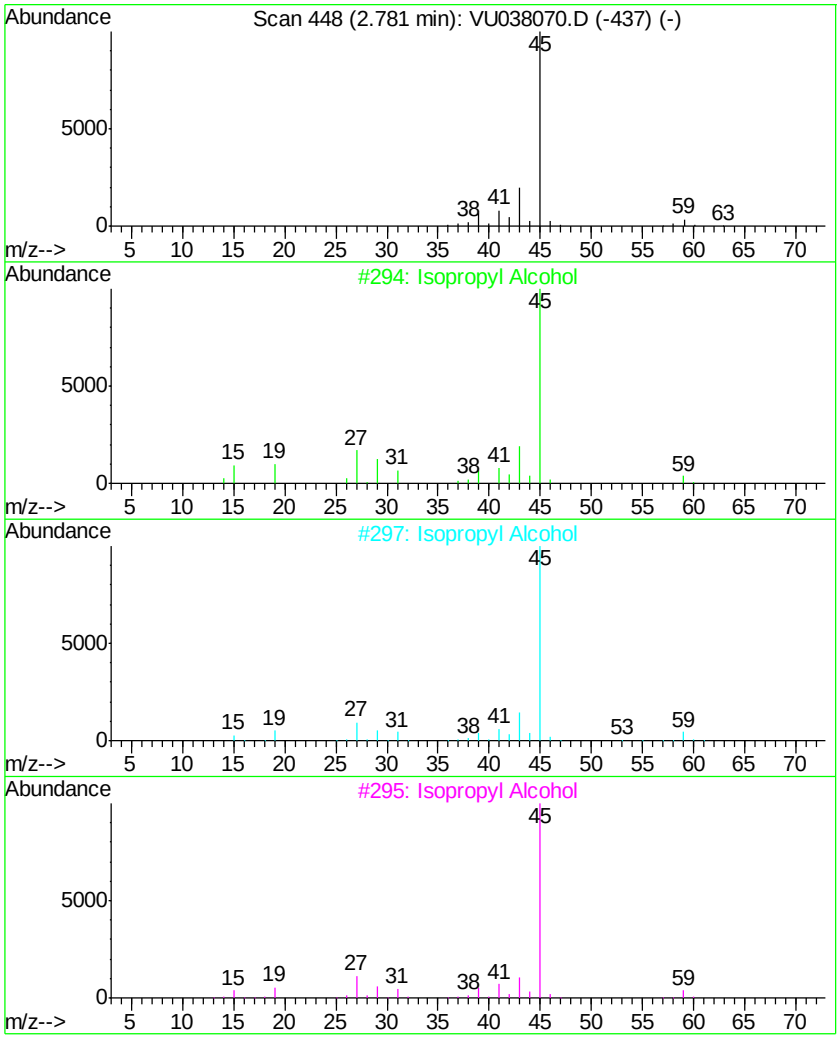
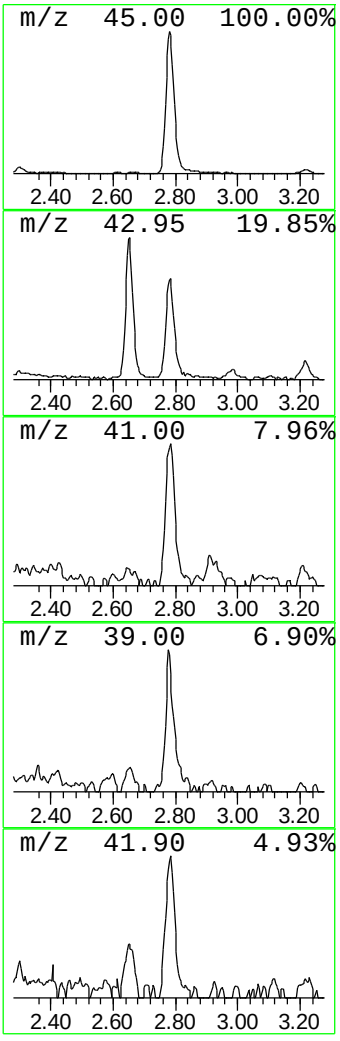
Peak Number 2 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	0.64 ug/L	109470	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	4-Penten-2-ol	86	C5H10O	000625-31-0	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038070.D
Acq On : 08 May 2020 04:12
Operator : JC/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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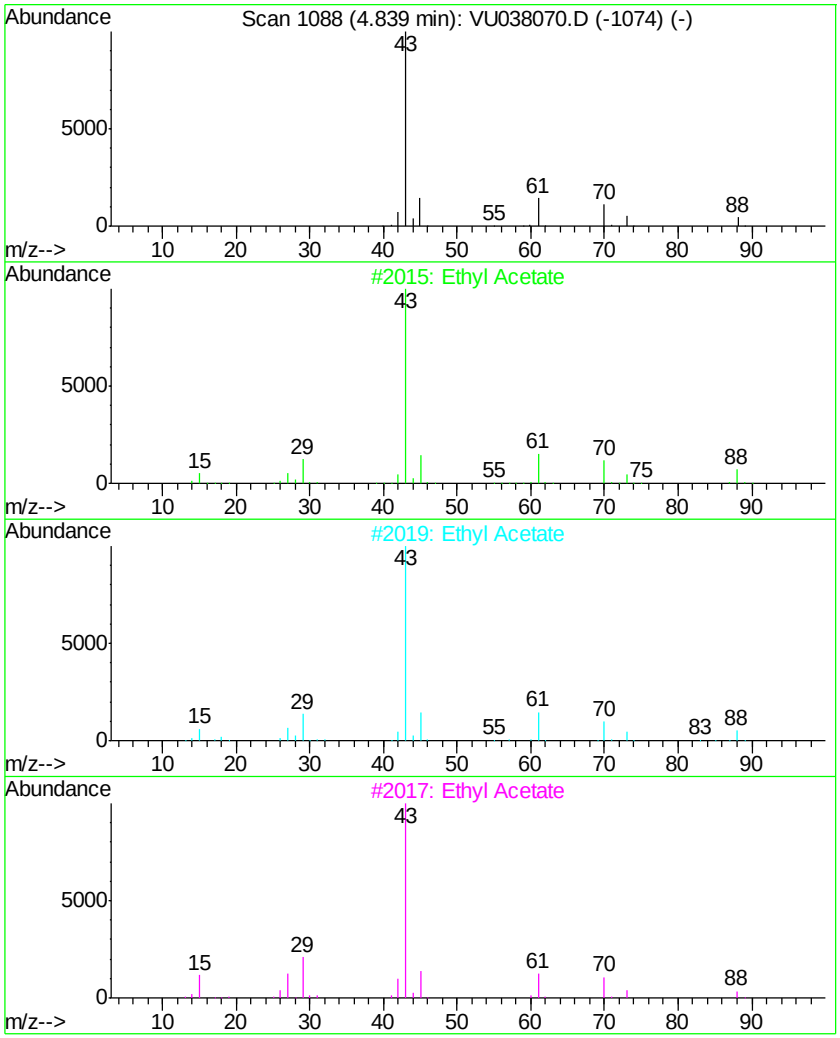
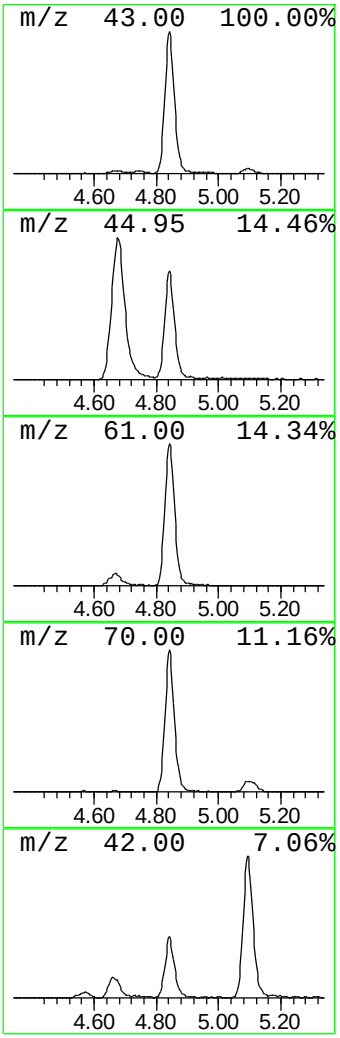
Peak Number 3 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	2.37 ug/L	408968	1,4-Difluorobenzene	6.28

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	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	86
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9





Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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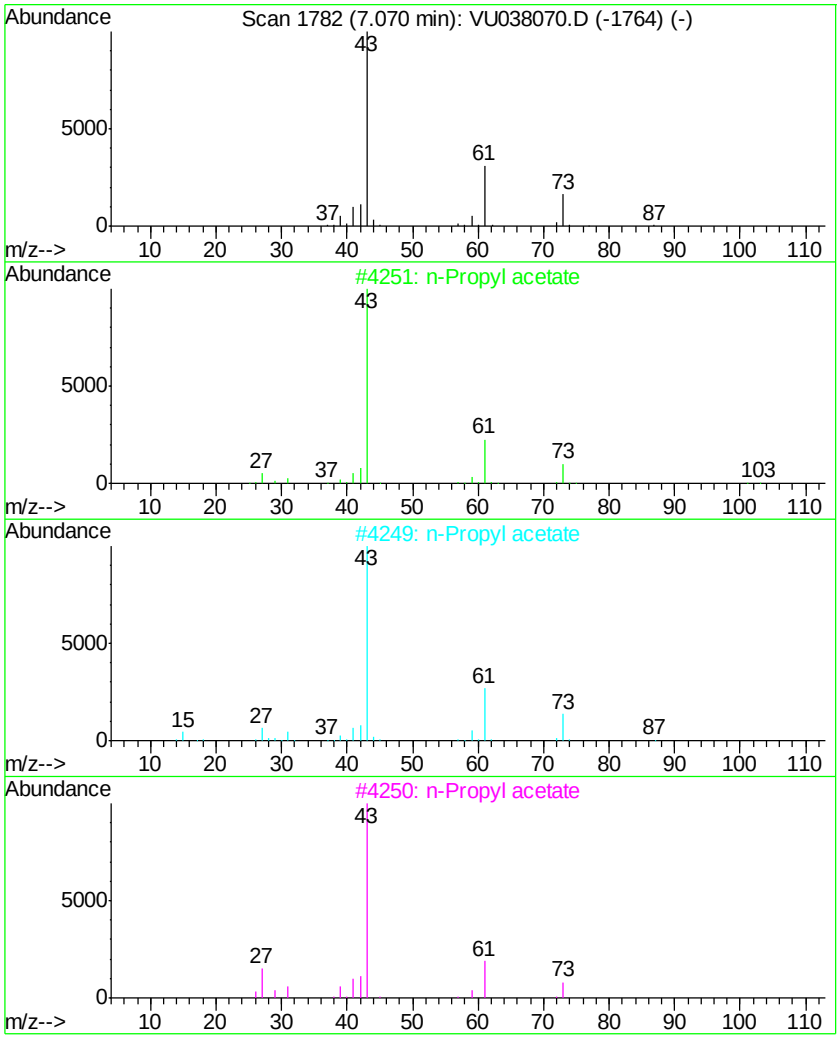
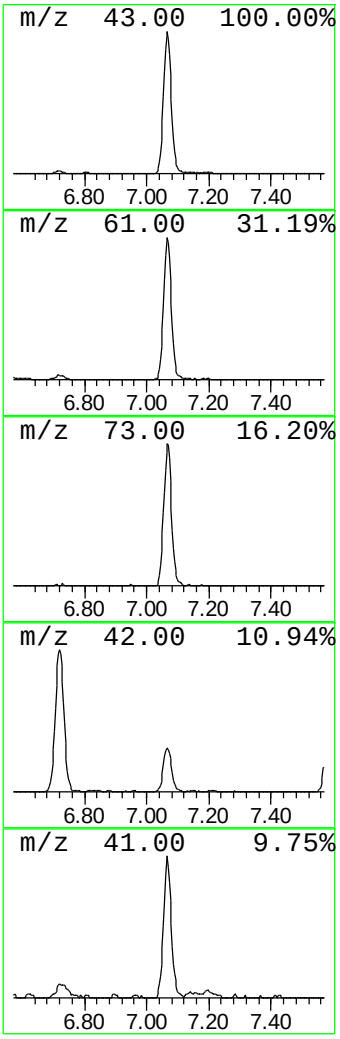
Peak Number 4 n-Propyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	1.33 ug/L	228776	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	78
3	n-Propyl acetate	102	C5H10O2	000109-60-4	78
4	Isopropyl acetate	102	C5H10O2	000108-21-4	9
5	Isobutyl acetate	116	C6H12O2	000110-19-0	9





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Operator : JC/MD
Sample : L2528-10
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

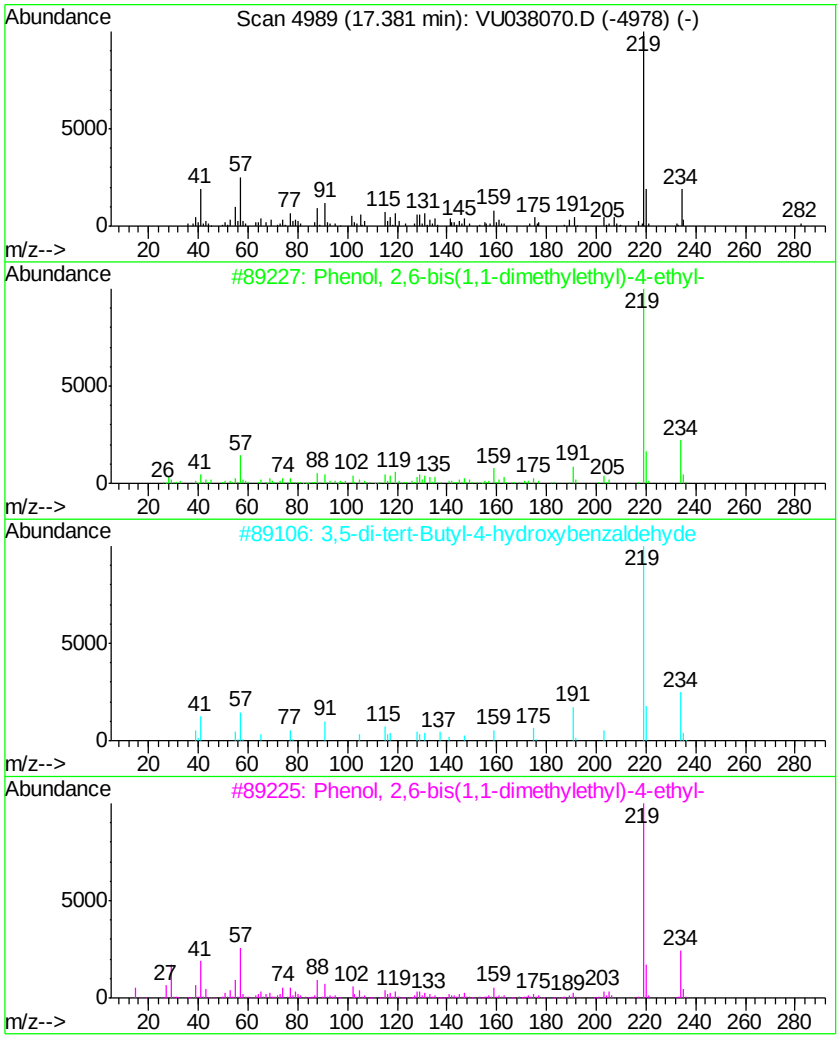
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

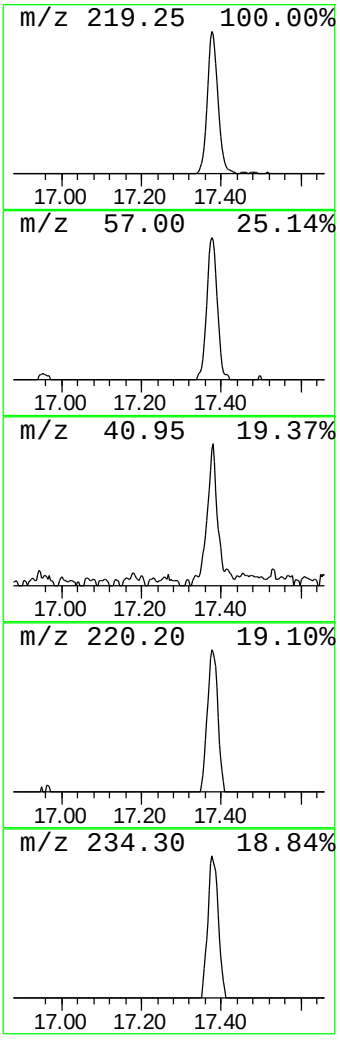
****

Peak Number 6 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	0.56 ug/L	118745	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	93
2	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	90
4	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	86
5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	80





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.37	0.5	ug/L	90631	1	6.28	861902	5.0
Isopropyl Alcohol	2.78	0.6	ug/L	109470	1	6.28	861902	5.0
Ethyl Acetate	4.84	2.4	ug/L	408968	1	6.28	861902	5.0
n-Propyl acetate	7.07	1.3	ug/L	228776	1	6.28	861902	5.0
Phenol, 2,6-bis(1...	17.38	0.6	ug/L	118745	3	11.83	1053790	5.0