LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050820\
Data File : VU038092.D
Acq On : 08 May 2020 18:36
Operator : JC/MD
Sample : L2528-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL0

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	16	rBV	92915	93129	5.92%	0.689%
2	1.610	75	84	94	rBV	202448	219883	13.98%	1.628%
3	1.929	174	183	194	rBV	162660	209034	13.29%	1.547%
4	2.591	376	389	401	rBV	275886	443485	28.20%	3.283%
5	2.652	401	408	422	rVB2	21086	36655	2.33%	0.271%
6	2.784	437	449	468	rBV	58406	110484	7.03%	0.818%
7	3.218	570	584	599	rBV2	27568	61803	3.93%	0.457%
8	4.665	1016	1034	1073	rBV3	315901	865097	55.01%	6.404%
9	4.842	1077	1089	1118	rVB2	74001	167374	10.64%	1.239%
10	5.099	1153	1169	1194	rBV2	278107	669981	42.60%	4.960%
11	5.761	1352	1375	1403	rBV2	513008	1322031	84.07%	9.786%
12	6.279	1522	1536	1556	rBV	439727	839664	53.39%	6.216%
13	6.571	1610	1627	1649	rBV	547947	1031763	65.61%	7.638%
14	6.719	1656	1673	1692	rBV	322147	622934	39.61%	4.611%
15	7.067	1767	1781	1798	rBV	50121	86318	5.49%	0.639%
16	7.591	1931	1944	1961	rBV	161635	279435	17.77%	2.069%
17	7.922	2031	2047	2079	rBV	622969	1126148	71.61%	8.336%
18	8.202	2120	2134	2147	rBV	99682	165414	10.52%	1.224%
19	8.575	2239	2250	2262	rBV2	32988	56868	3.62%	0.421%
20	8.655	2262	2275	2316	rBV	811914	1572598	100.00%	11.641%
21	9.436	2503	2518	2540	rBV	629339	1070019	68.04%	7.921%
22	10.771	2921	2933	2950	rVB	229118	364581	23.18%	2.699%
23	11.825	3247	3261	3278	rBV	643183	1033560	65.72%	7.651%
24	12.205	3366	3379	3393	rBV	599314	953943	60.66%	7.062%
25	17.378	4978	4988	5000	rVB4	60522	106803	6.79%	0.791%

Sum of corrected areas: 13509004

LSC Report - Integrated Chromatogram

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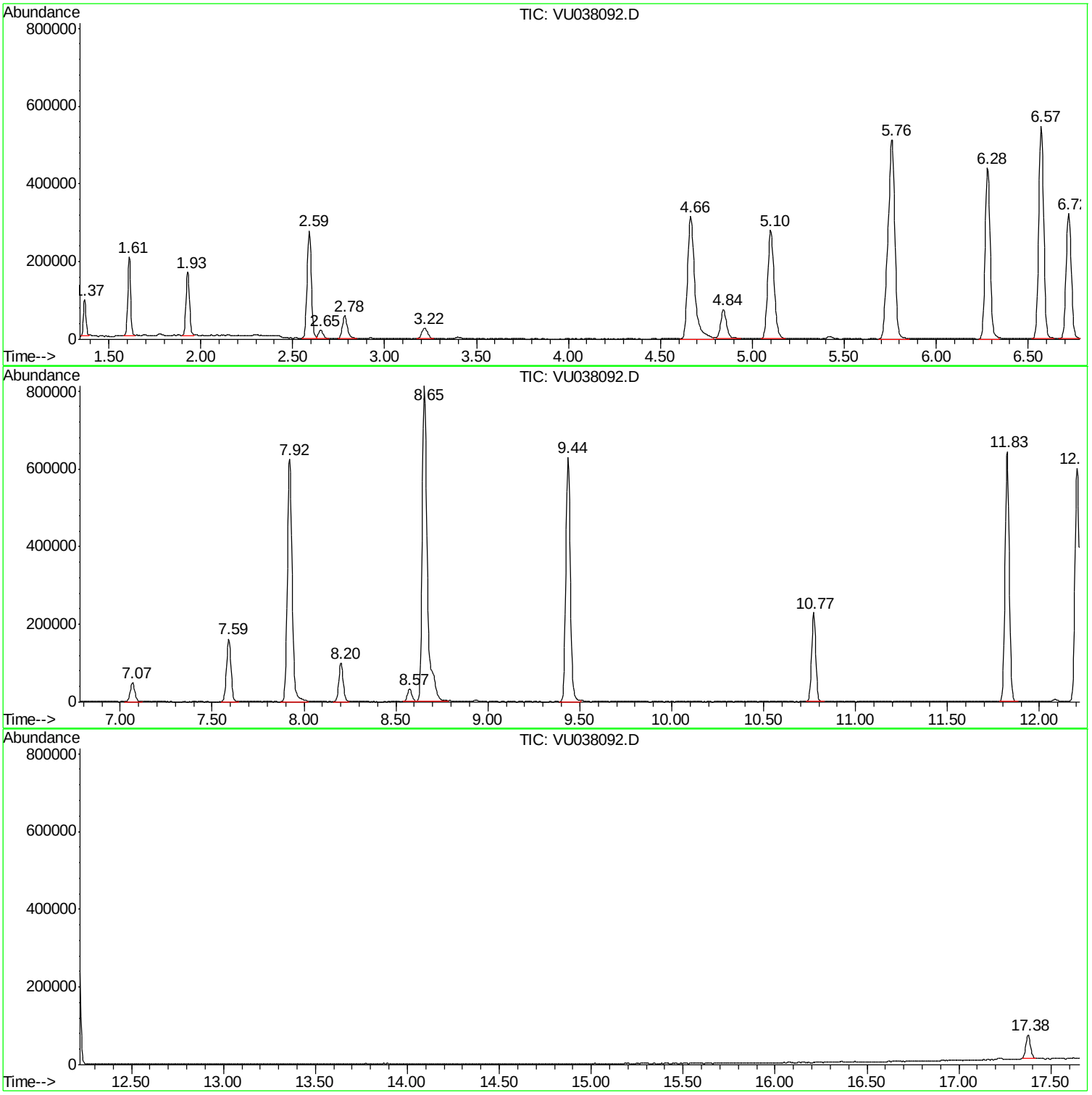
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL0

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



Library Search Compound Report

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Acq On : 08 May 2020 18:36
Operator : JC/MD
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Misc : 25.0mL/MSVOA U/WATER
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Instrument : MSVOA_U
ClientSampleId : BFSL0

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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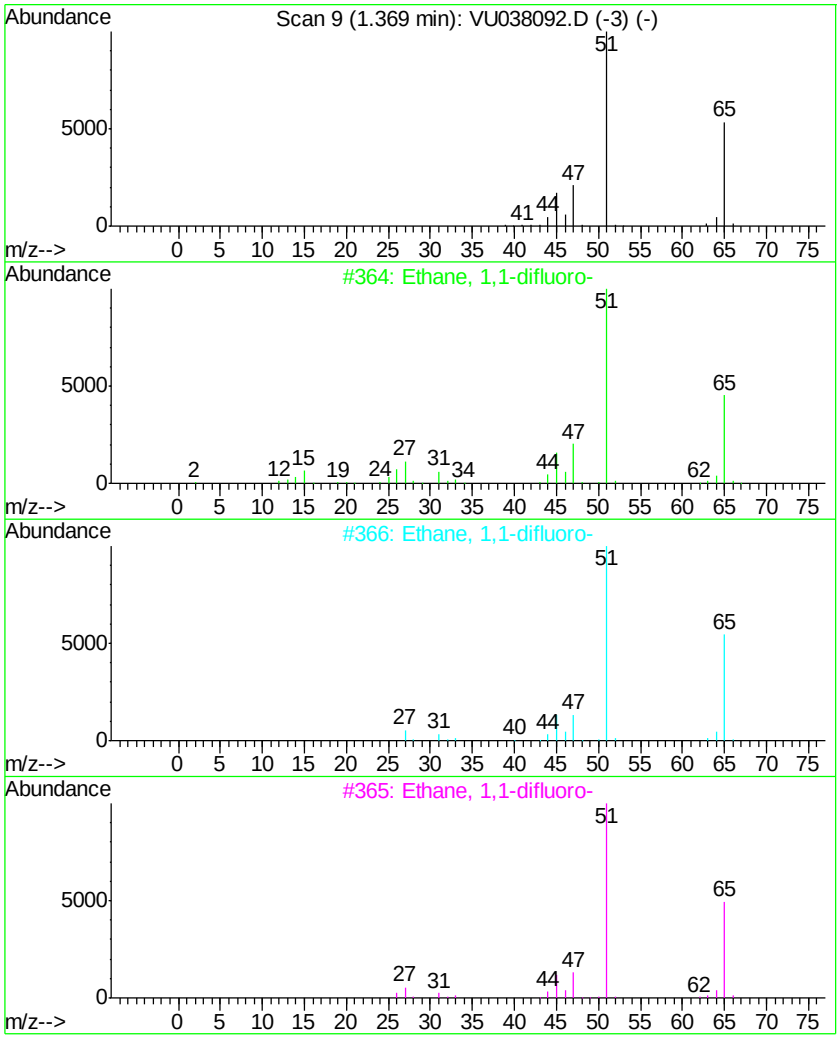
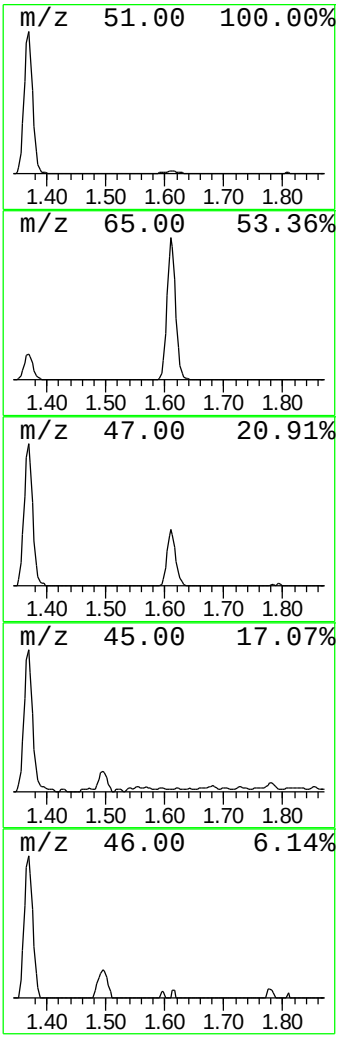
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.55 ug/L	93129	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	90
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





Library Search Compound Report

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Data File : VU038092.D
Acq On : 08 May 2020 18:36
Operator : JC/MD
Sample : L2528-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL0

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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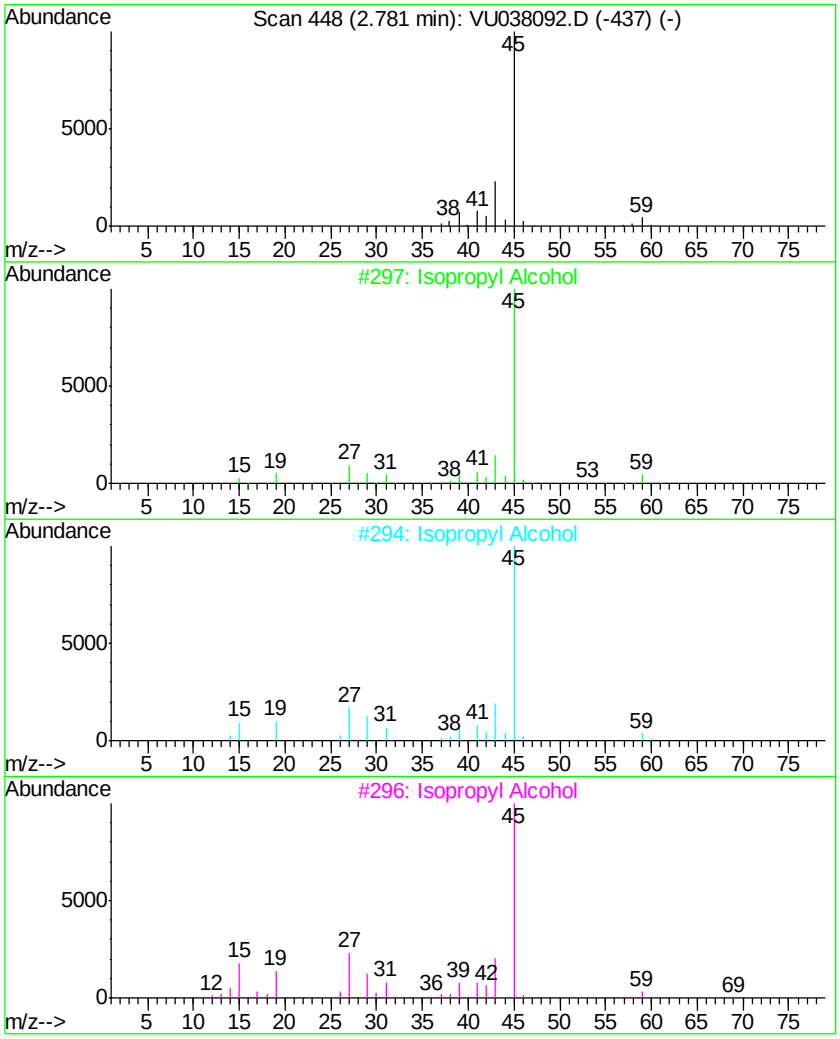
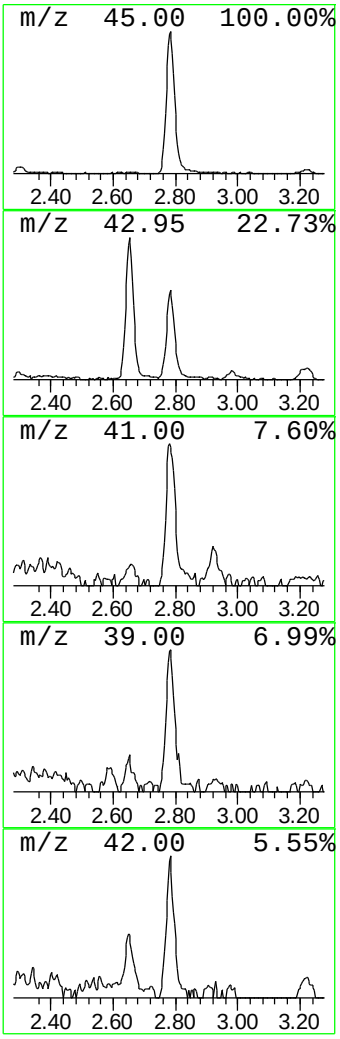
Peak Number 2 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	0.66 ug/L	110484	1,4-Difluorobenzene	6.28

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	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050820\
Data File : VU038092.D
Acq On : 08 May 2020 18:36
Operator : JC/MD
Sample : L2528-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL0

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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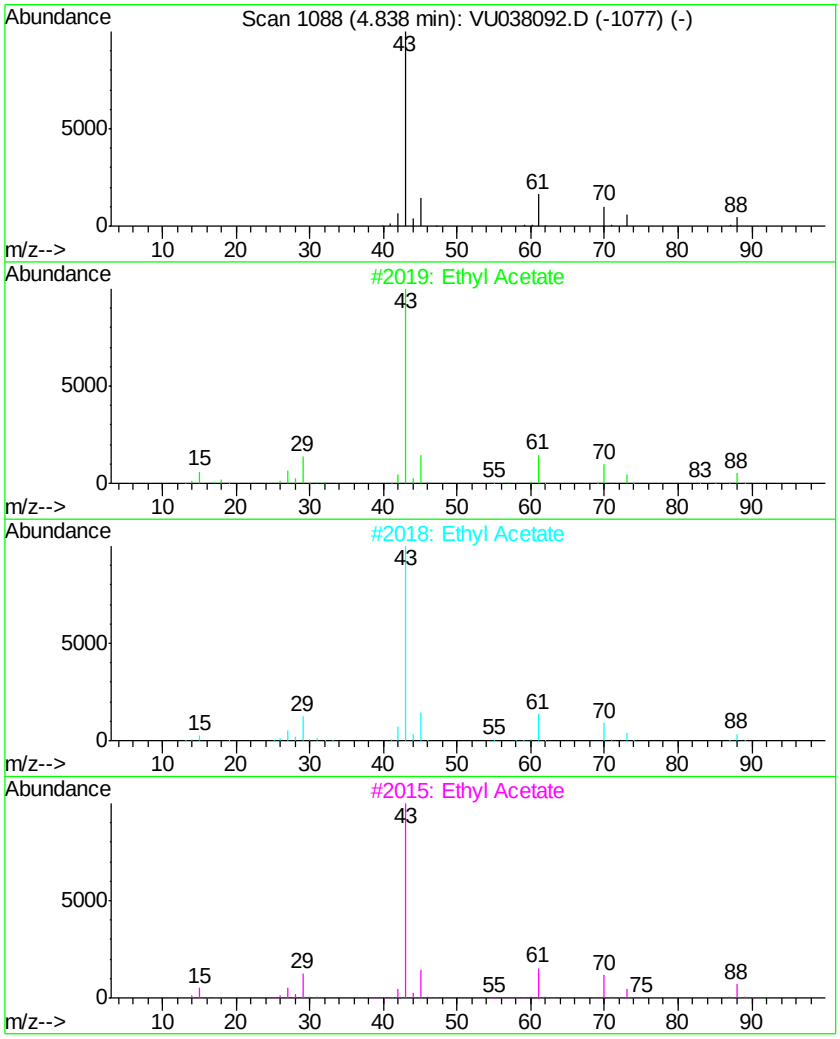
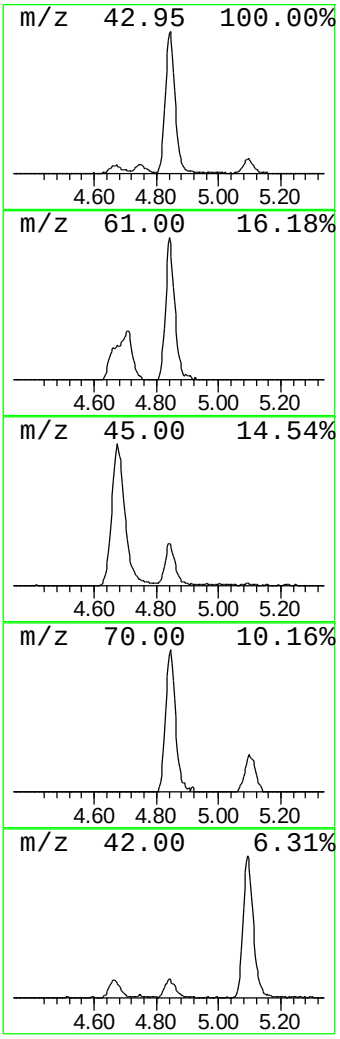
Peak Number 3 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	1.00 ug/L	167374	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	83
4	Ethyl Acetate	88	C4H8O2	000141-78-6	64
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	36





Library Search Compound Report

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Operator : JC/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL0

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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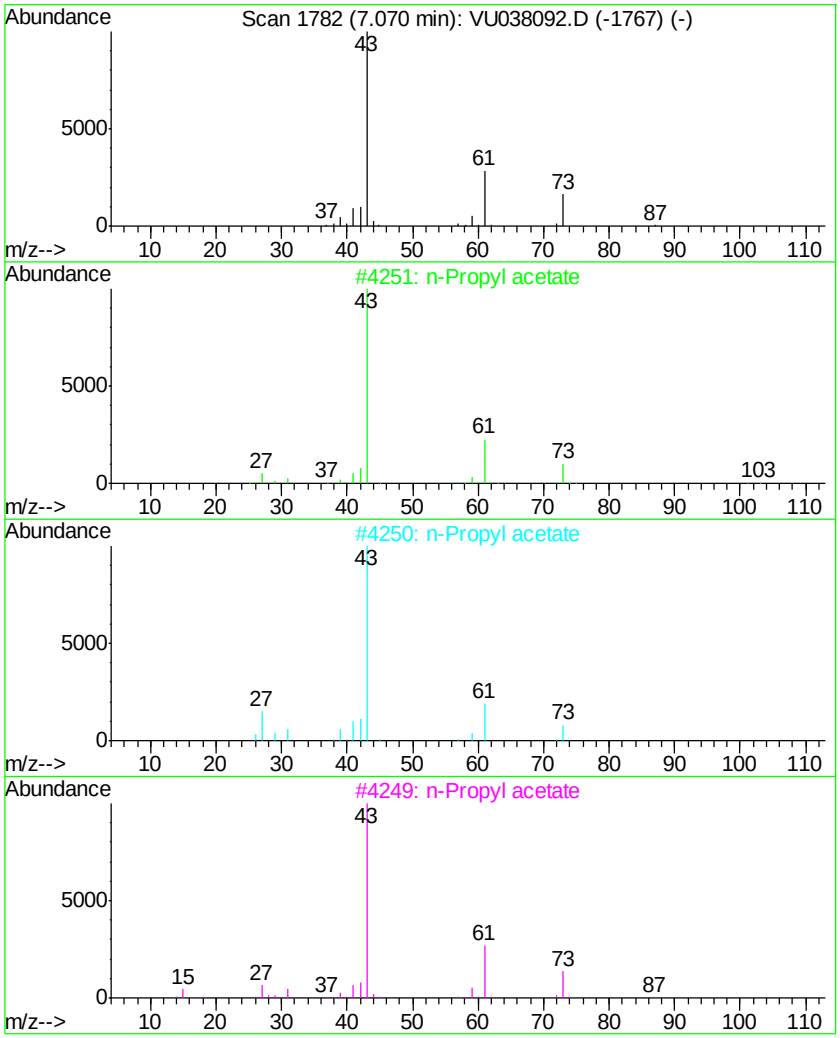
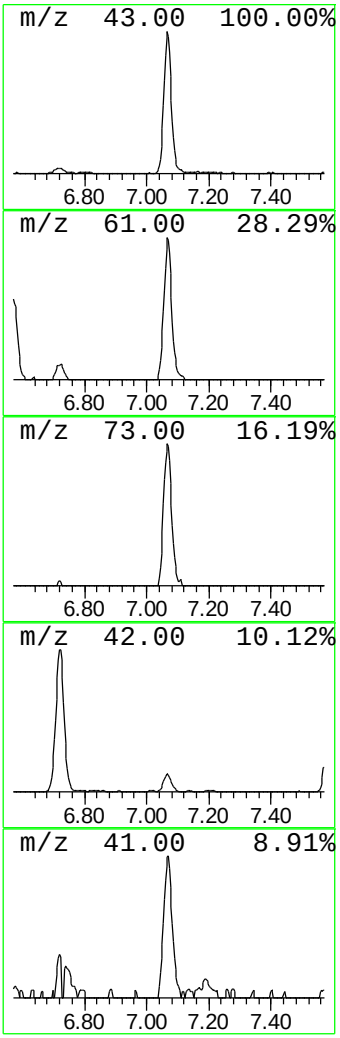
Peak Number 4 n-Propyl acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	0.51 ug/L	86318	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	36
5	Isopropyl acetate	102	C5H10O2	000108-21-4	9





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Acq On : 08 May 2020 18:36
Operator : JC/MD
Sample : L2528-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL0

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

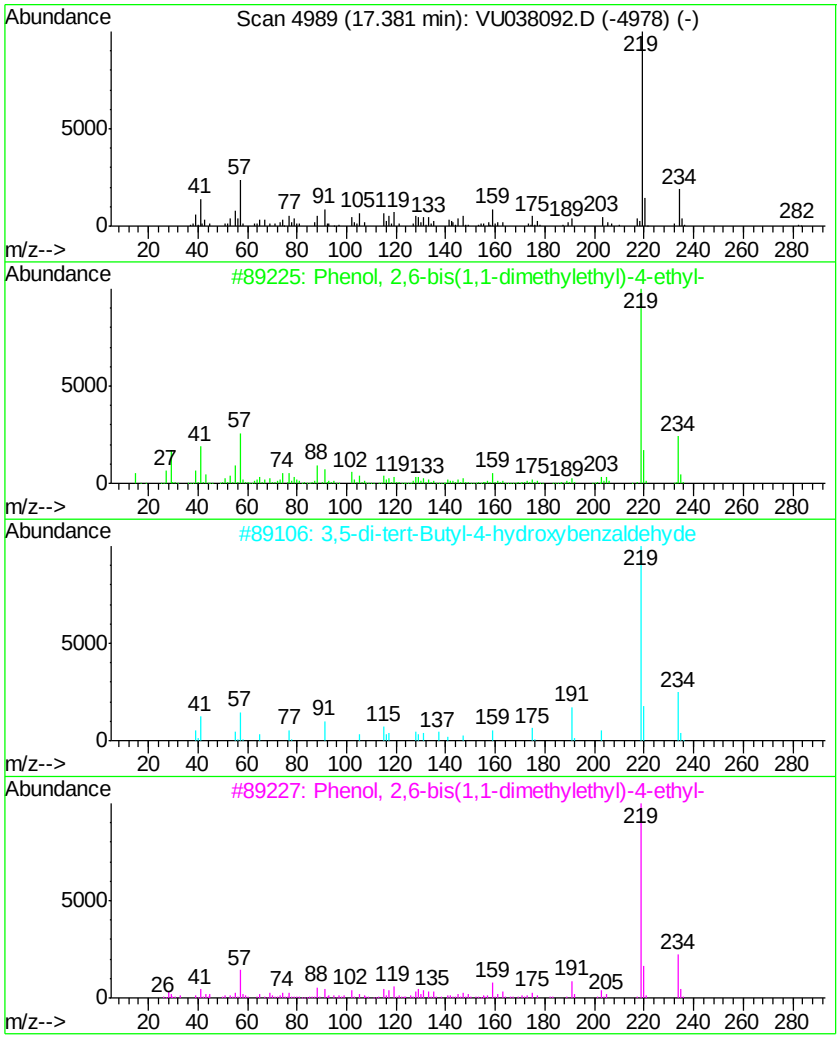
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

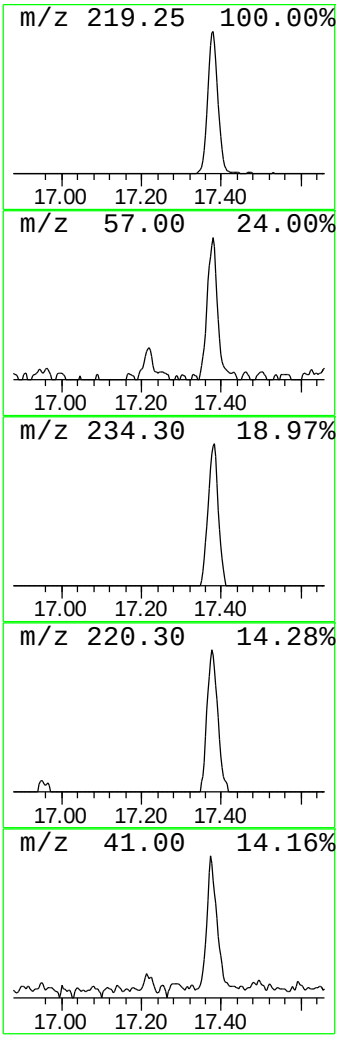
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	0.52 ug/L	106803	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	94
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	91
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	90
5	6-(1'-Hydroxyethyl)-7-methoxy-2,...	234	C14H18O3	1000360-28-8	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	0.6	ug/L	93129	1	6.28	839664	5.0
Isopropyl Alcohol	2.78	0.7	ug/L	110484	1	6.28	839664	5.0
Ethyl Acetate	4.84	1.0	ug/L	167374	1	6.28	839664	5.0
n-Propyl acetate	7.07	0.5	ug/L	86318	1	6.28	839664	5.0
Phenol, 2,6-bis(1...	17.38	0.5	ug/L	106803	3	11.83	1033560	5.0