LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038057.D
Acq On : 07 May 2020 22:22
Operator : JC/MD
Sample : L2527-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSK7

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	17	rBV	114707	115008	7.59%	0.848%
2	1.610	75	84	94	rBV	222265	242711	16.01%	1.790%
3	1.929	174	183	196	rVB	173419	220641	14.56%	1.627%
4	2.591	375	389	400	rBV	292524	476875	31.46%	3.516%
5	2.652	400	408	419	rVB	13251	24637	1.63%	0.182%
6	2.784	438	449	474	rBV2	51425	97741	6.45%	0.721%
7	3.218	567	584	600	rBV	22821	52176	3.44%	0.385%
8	3.391	624	638	657	rVB3	19457	45148	2.98%	0.333%
9	3.732	731	744	758	rBV4	20573	44887	2.96%	0.331%
10	4.568	988	1004	1018	rBV3	22832	53919	3.56%	0.398%
11	4.665	1018	1034	1072	rVV3	300594	806375	53.21%	5.946%
12	4.842	1075	1089	1126	rVB	235132	520075	34.32%	3.835%
13	5.099	1153	1169	1194	rBV2	282424	677460	44.70%	4.995%
14	5.758	1351	1374	1403	rBV2	536342	1365736	90.11%	10.070%
15	6.279	1523	1536	1565	rBV	465016	886081	58.47%	6.533%
16	6.719	1659	1673	1695	rBV	328942	643385	42.45%	4.744%
17	7.067	1764	1781	1798	rBV	195452	335308	22.12%	2.472%
18	7.591	1932	1944	1959	rBV	167757	289796	19.12%	2.137%
19	7.922	2032	2047	2078	rBV	643171	1173928	77.46%	8.656%
20	8.202	2121	2134	2146	rBV	100562	168331	11.11%	1.241%
21	8.655	2261	2275	2311	rBV	782943	1515575	100.00%	11.175%
22	9.436	2504	2518	2557	rVB	667529	1139750	75.20%	8.404%
23	10.771	2921	2933	2951	rVB	225874	362401	23.91%	2.672%
24	11.825	3248	3261	3278	rBV	674541	1074980	70.93%	7.926%
25	12.079	3332	3340	3358	rBV4	7157	15248	1.01%	0.112%
26	12.205	3366	3379	3397	rBV	586038	968397	63.90%	7.140%
27	17.378	4977	4988	5003	rVB3	134069	246110	16.24%	1.815%

Sum of corrected areas: 13562679

LSC Report - Integrated Chromatogram

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Sample : L2527-20
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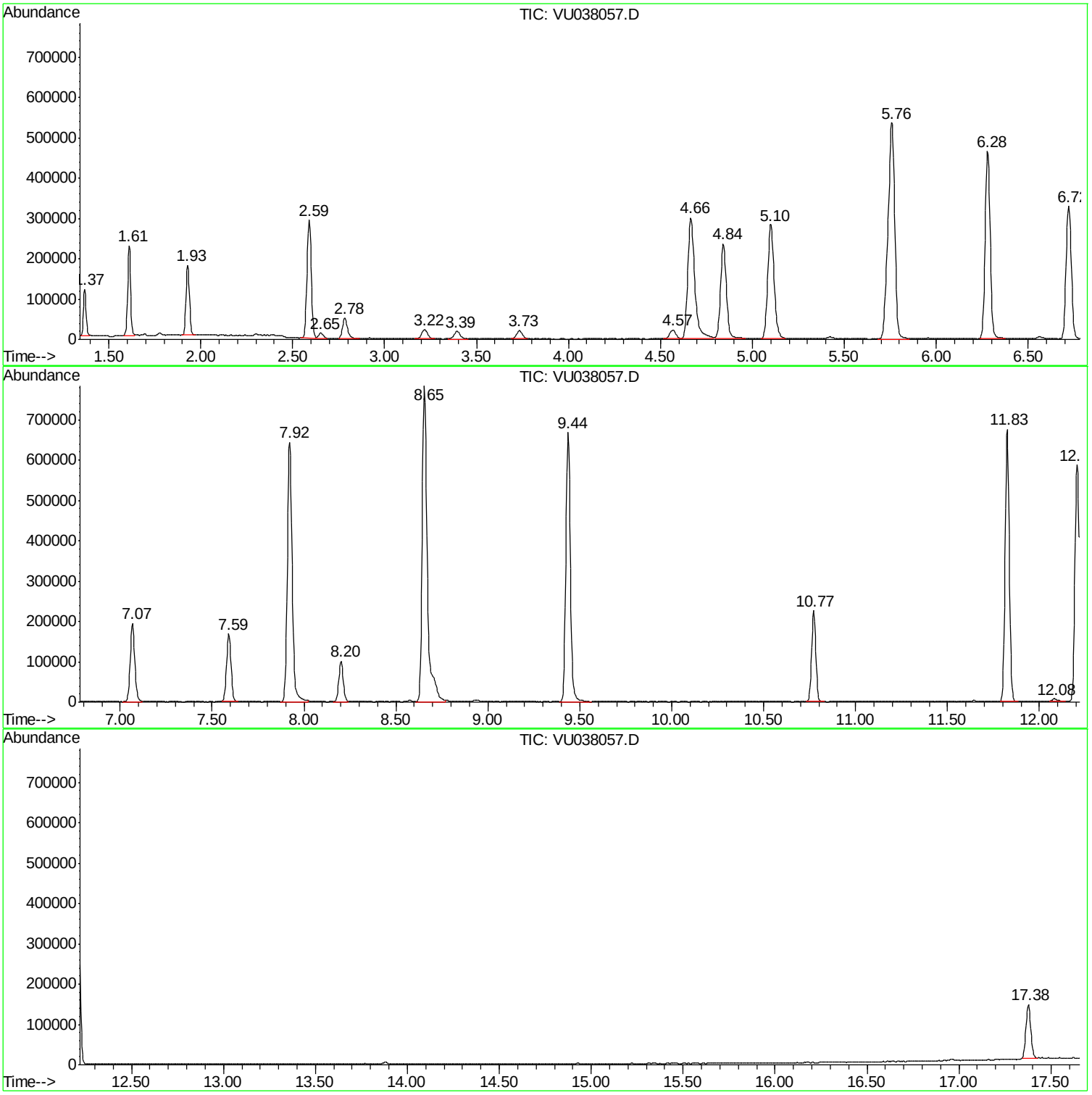
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSK7

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038057.D
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Operator : JC/MD
Sample : L2527-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSK7

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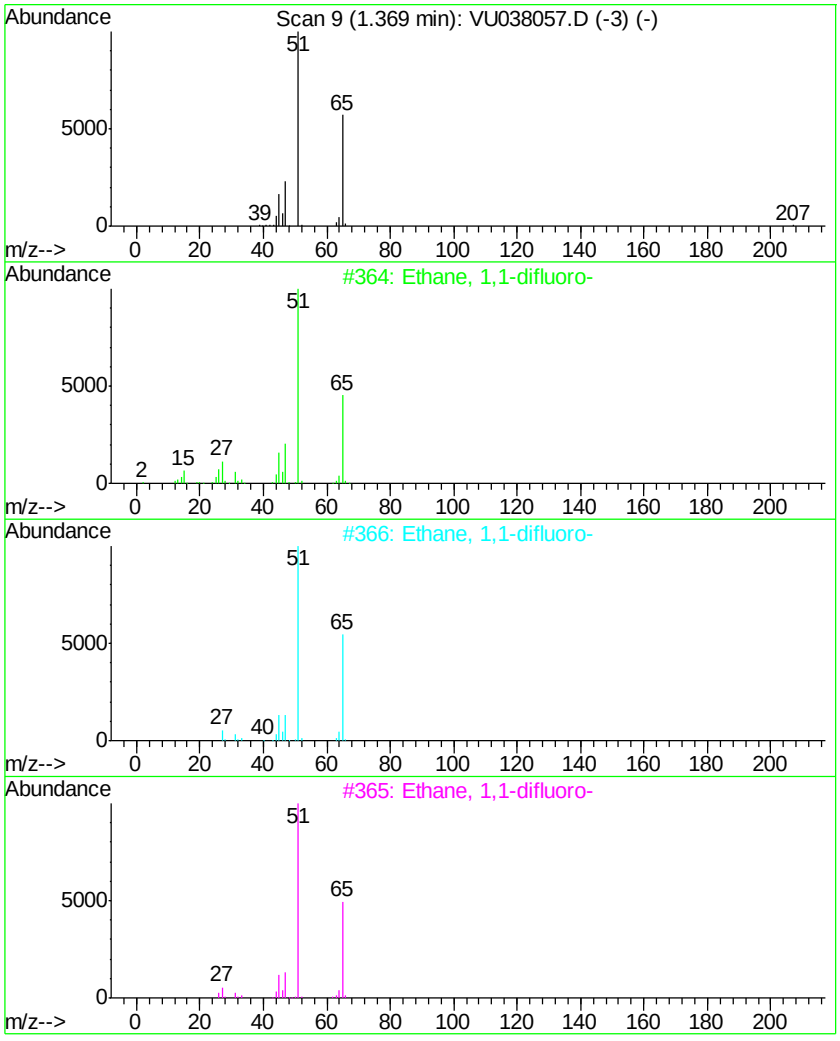
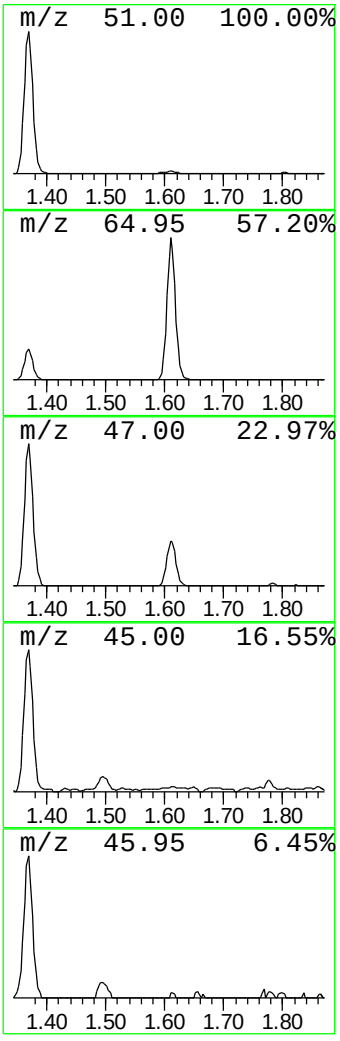
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.65 ug/L	115008	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	2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31NO8	1000129-85-6	9
5	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	9





Library Search Compound Report

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Data File : VU038057.D
Acq On : 07 May 2020 22:22
Operator : JC/MD
Sample : L2527-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSK7

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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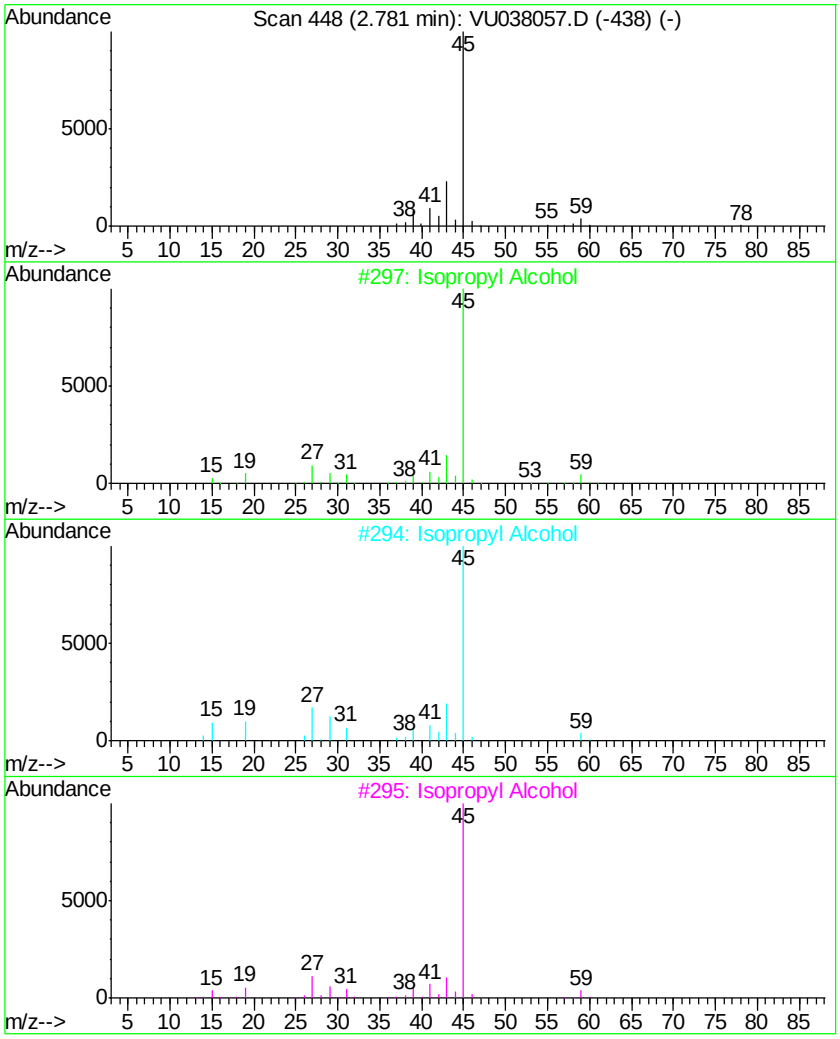
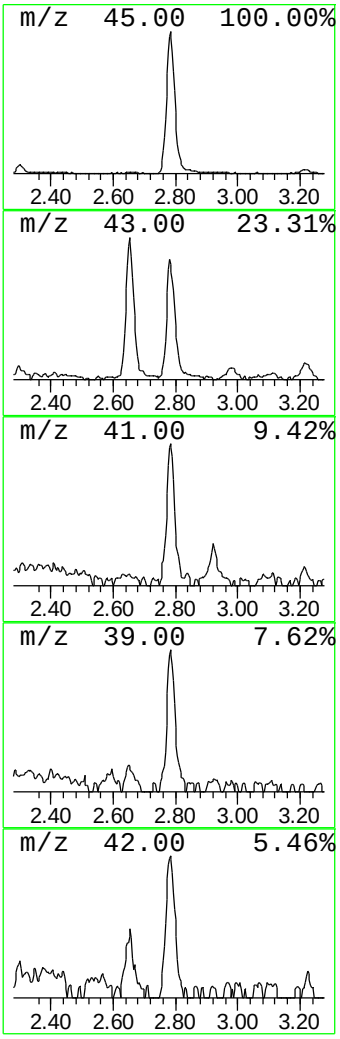
Peak Number 2 Isopropyl Alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	0.55 ug/L	97741	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	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038057.D
Acq On : 07 May 2020 22:22
Operator : JC/MD
Sample : L2527-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSK7

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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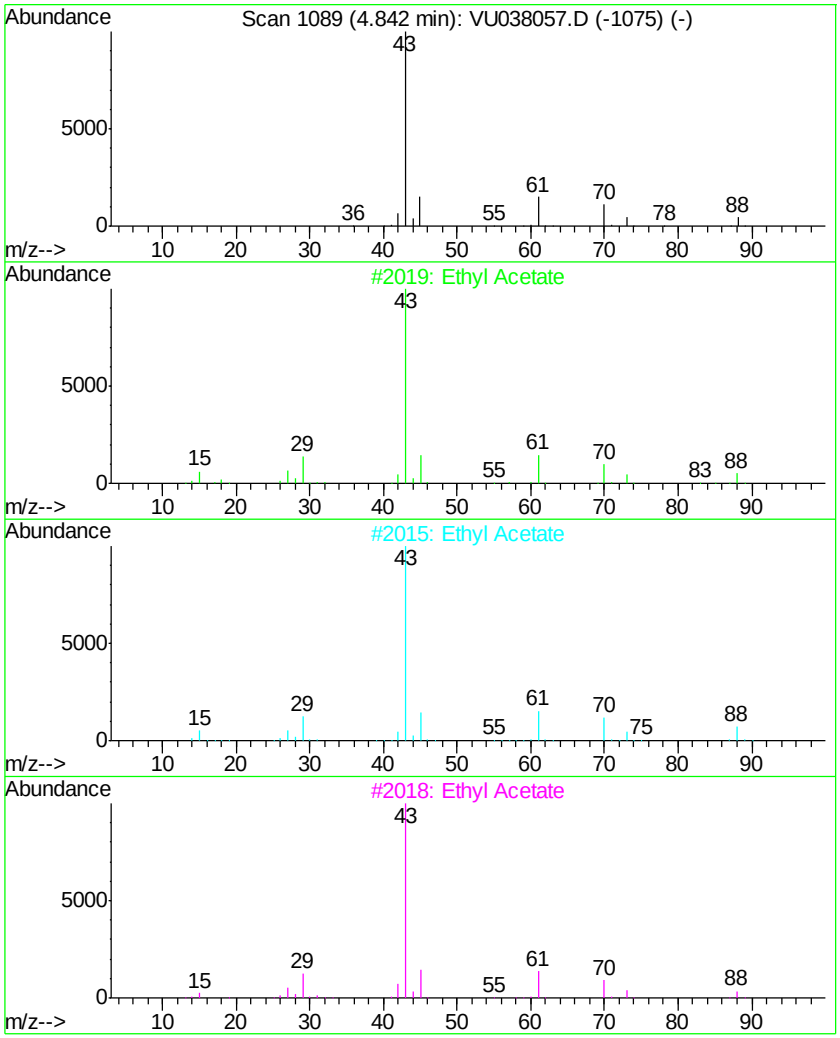
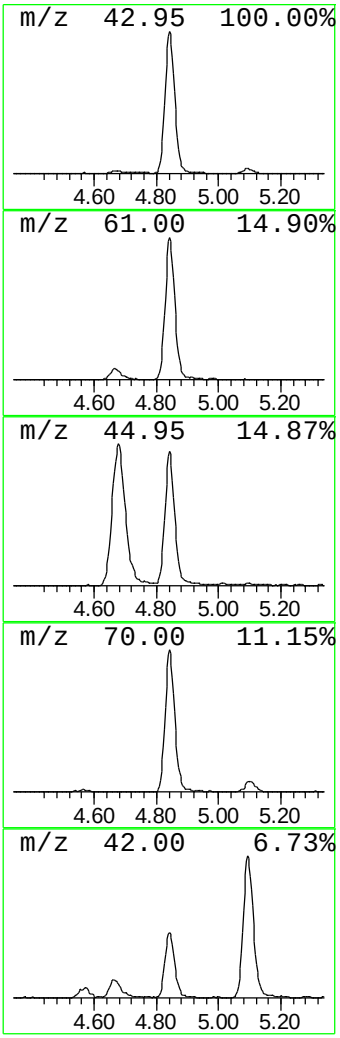
Peak Number 3 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	2.93 ug/L	520075	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	(3-Methyl-oxiran-2-yl)-methanol	88	C4H8O2	1000194-22-9	9





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Operator : JC/MD
Sample : L2527-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSK7

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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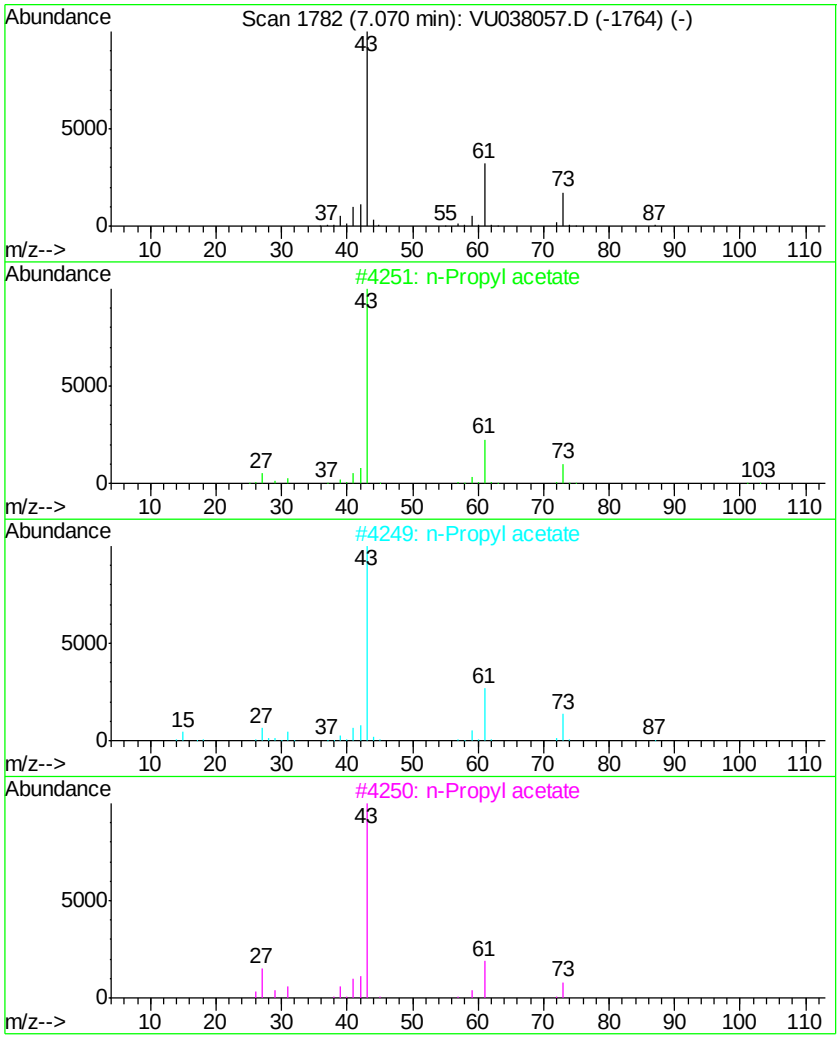
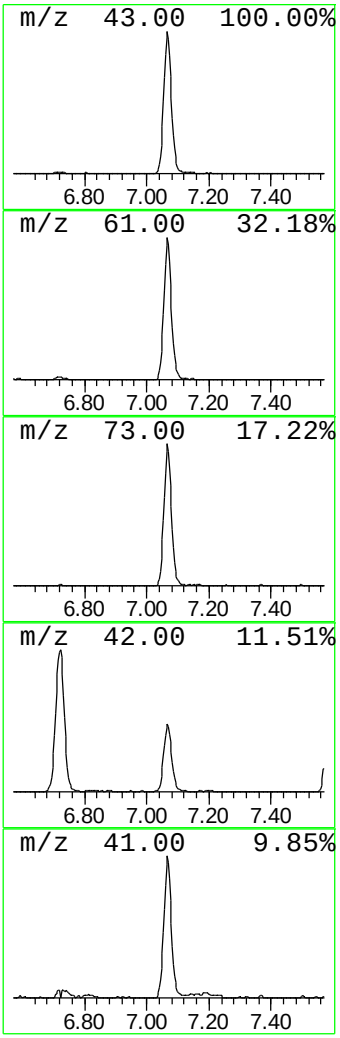
Peak Number 4 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	1.89 ug/L	335308	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	83
3	n-Propyl acetate	102	C5H10O2	000109-60-4	78
4	Isopropyl acetate	102	C5H10O2	000108-21-4	36
5	1-Butanamine	73	C4H11N	000109-73-9	9





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Acq On : 07 May 2020 22:22
Operator : JC/MD
Sample : L2527-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSK7

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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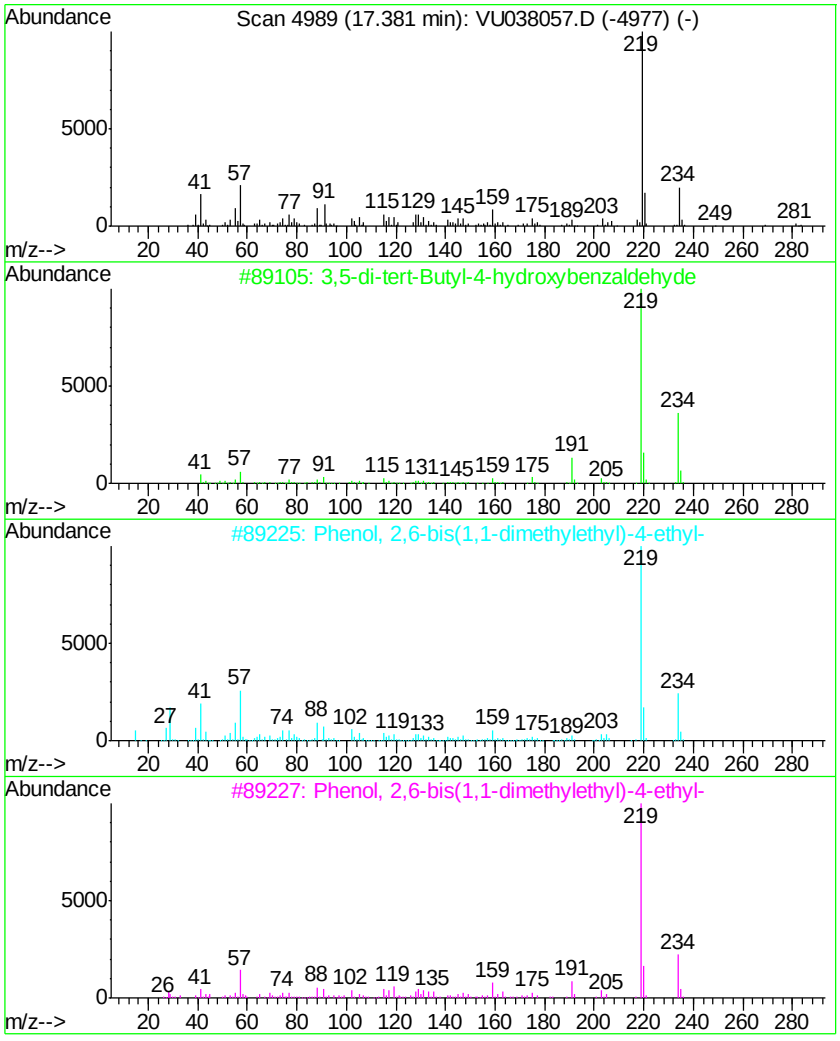
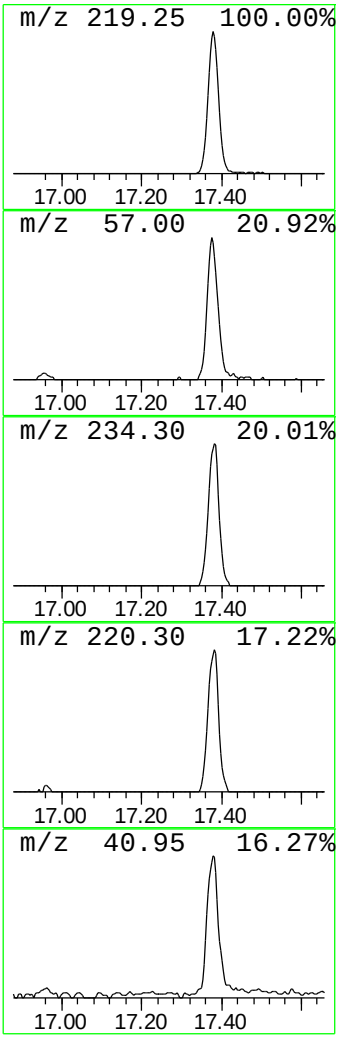
Peak Number 6 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	1.14 ug/L	246110	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
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	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	81





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	0.7	ug/L	115008	1	6.28	886081	5.0
Isopropyl Alcohol	2.78	0.6	ug/L	97741	1	6.28	886081	5.0
Ethyl Acetate	4.84	2.9	ug/L	520075	1	6.28	886081	5.0
n-Propyl acetate	7.07	1.9	ug/L	335308	1	6.28	886081	5.0
3,5-di-tert-Butyl...	17.38	1.1	ug/L	246110	3	11.83	1074980	5.0