LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038067.D
Acq On : 08 May 2020 03:02
Operator : JC/MD
Sample : L2528-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL4

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	99340	98321	1.33%	0.471%
2	1.611	75	84	95	rBV	217899	240389	3.25%	1.151%
3	1.929	175	183	196	rVB	171646	217599	2.94%	1.042%
4	2.588	375	388	400	rBV	286894	468969	6.34%	2.245%
5	2.784	437	449	475	rBV	58869	112988	1.53%	0.541%
6	4.665	1017	1034	1072	rBV3	292739	837785	11.33%	4.011%
7	4.842	1073	1089	1116	rVB2	205913	453180	6.13%	2.169%
8	5.099	1152	1169	1193	rBV2	286310	692790	9.37%	3.317%
9	5.758	1352	1374	1400	rBV2	522854	1356863	18.35%	6.496%
10	6.279	1520	1536	1561	rBV	459219	878097	11.88%	4.204%
11	6.572	1607	1627	1659	rBV	3977669	7393216	100.00%	35.393%
12	6.720	1660	1673	1692	rVB	330773	648290	8.77%	3.104%
13	7.067	1768	1781	1798	rBV	145371	252948	3.42%	1.211%
14	7.591	1930	1944	1957	rBV	162147	284134	3.84%	1.360%
15	7.922	2031	2047	2079	rBV	644132	1167002	15.78%	5.587%
16	8.202	2121	2134	2152	rBV	100663	168092	2.27%	0.805%
17	8.572	2237	2249	2263	rBV2	233111	398755	5.39%	1.909%
18	8.655	2263	2275	2315	rVB	801168	1550300	20.97%	7.422%
19	9.437	2504	2518	2550	rBV	643910	1113064	15.06%	5.329%
20	10.771	2920	2933	2949	rVB	231650	370897	5.02%	1.776%
21	11.822	3247	3260	3280	rVB	662881	1065404	14.41%	5.100%
22	12.205	3365	3379	3398	rVB	615268	980922	13.27%	4.696%
23	17.375	4977	4987	4999	rBV2	78595	138868	1.88%	0.665%

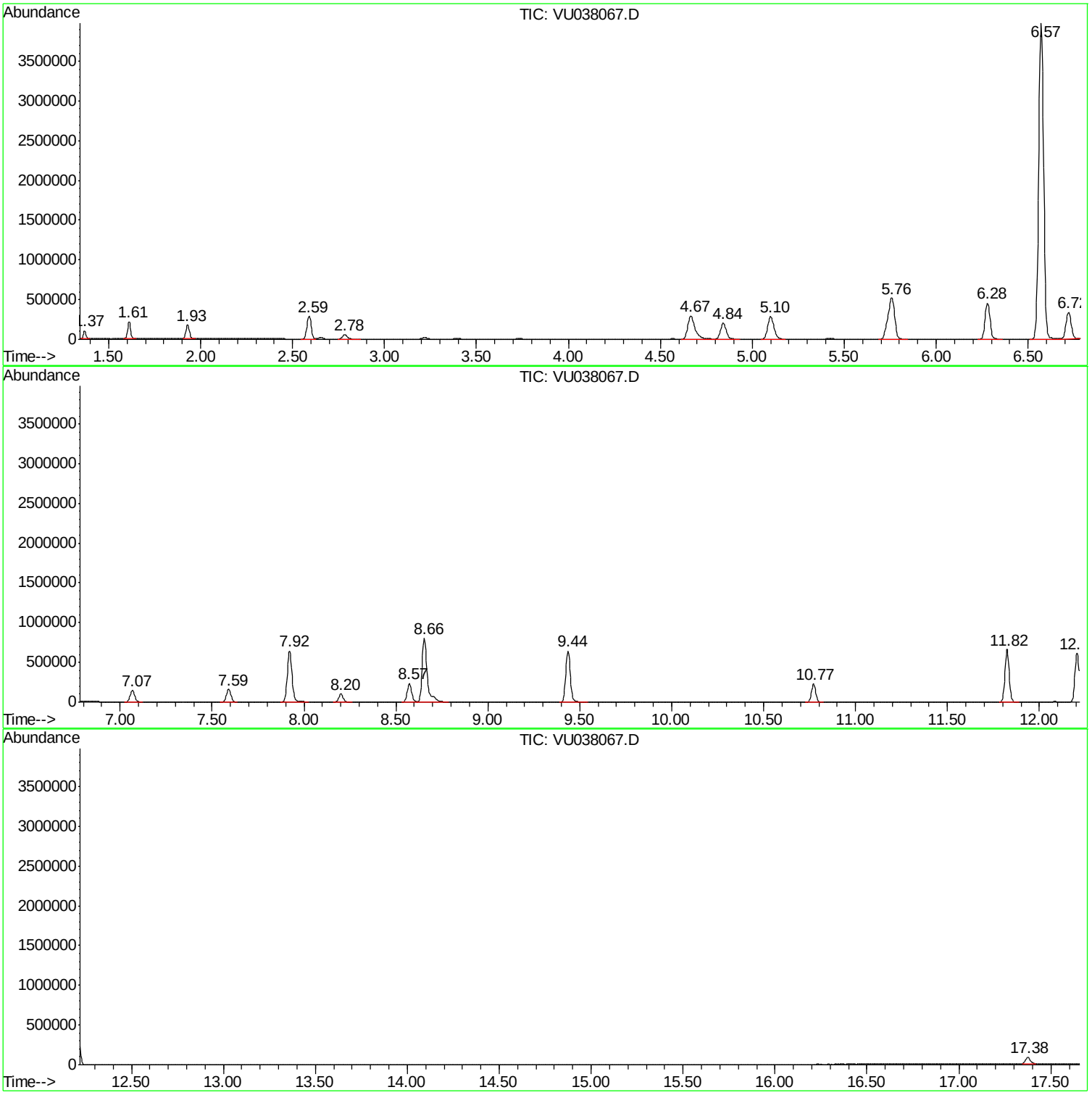
Sum of corrected areas: 20888873

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038067.D
Acq On : 08 May 2020 03:02
Operator : JC/MD
Sample : L2528-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFSL4

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038067.D
Acq On : 08 May 2020 03:02
Operator : JC/MD
Sample : L2528-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL4

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

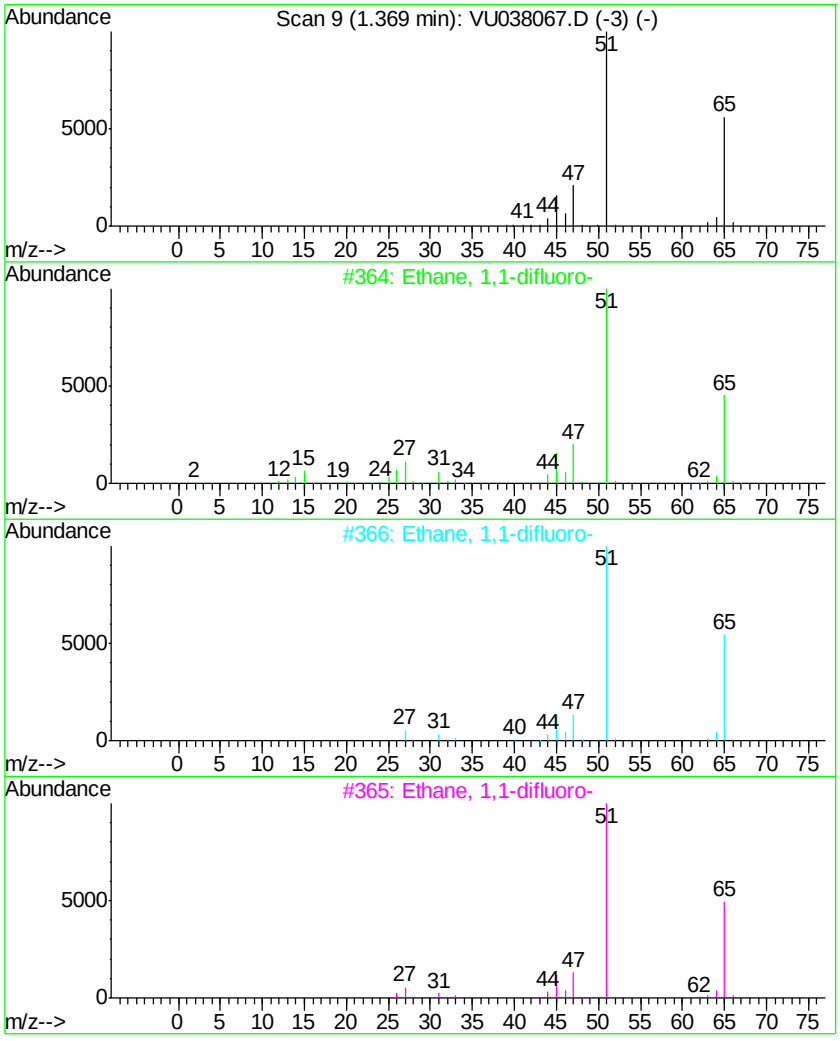
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

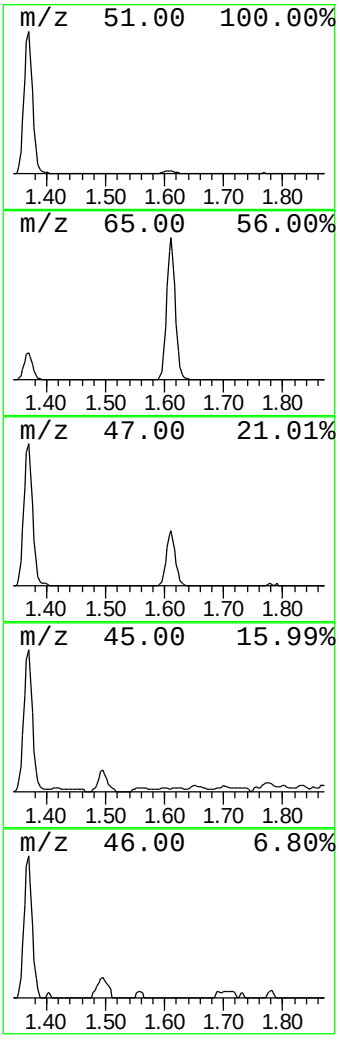
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.56 ug/L	98321	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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038067.D
Acq On : 08 May 2020 03:02
Operator : JC/MD
Sample : L2528-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL4

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

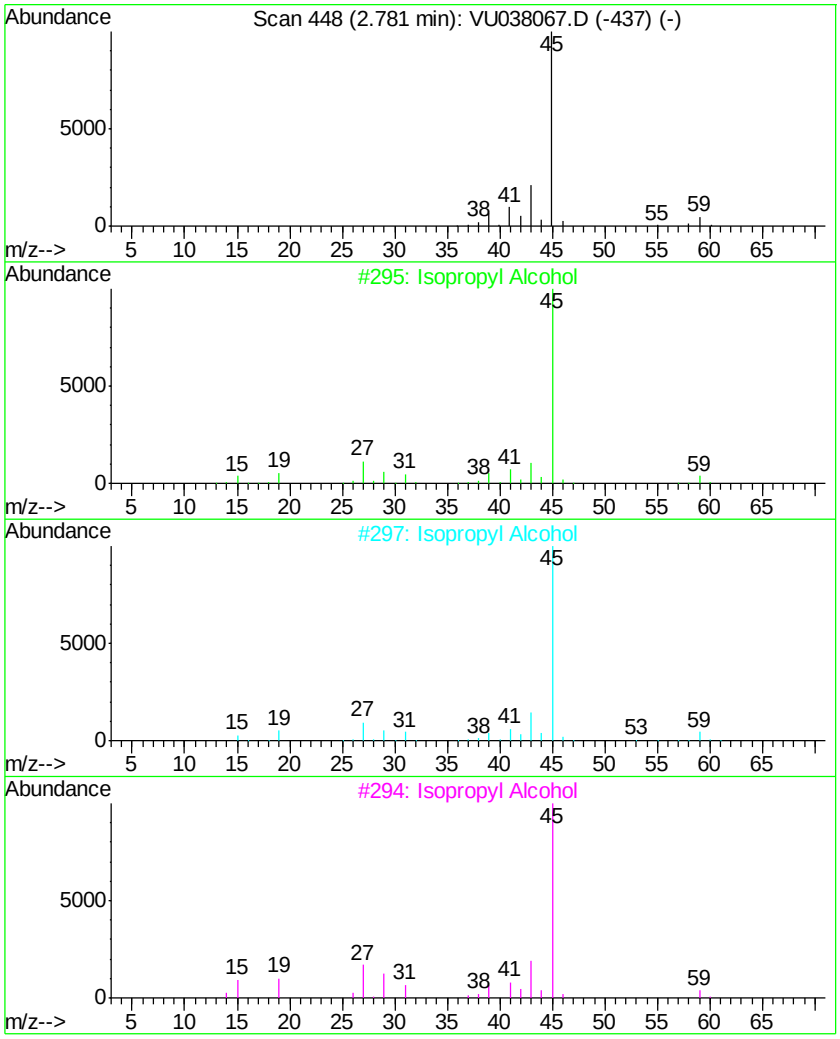
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

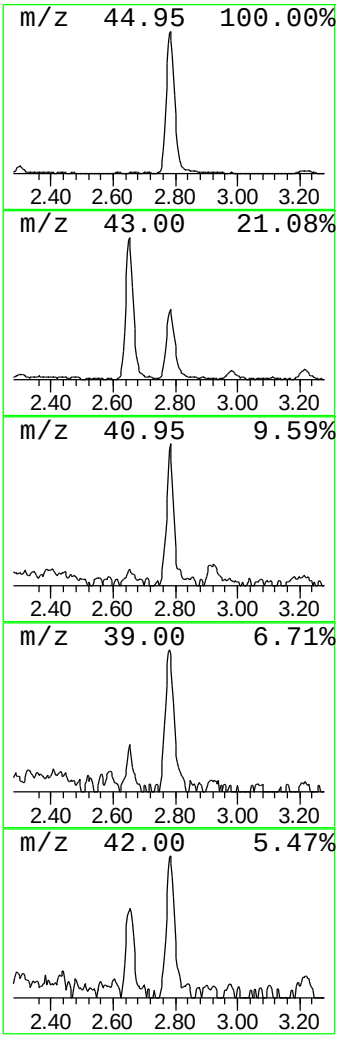
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	0.64 ug/L	112988	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	80
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5	4-Penten-2-ol	86	C5H10O	000625-31-0	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038067.D
Acq On : 08 May 2020 03:02
Operator : JC/MD
Sample : L2528-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL4

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

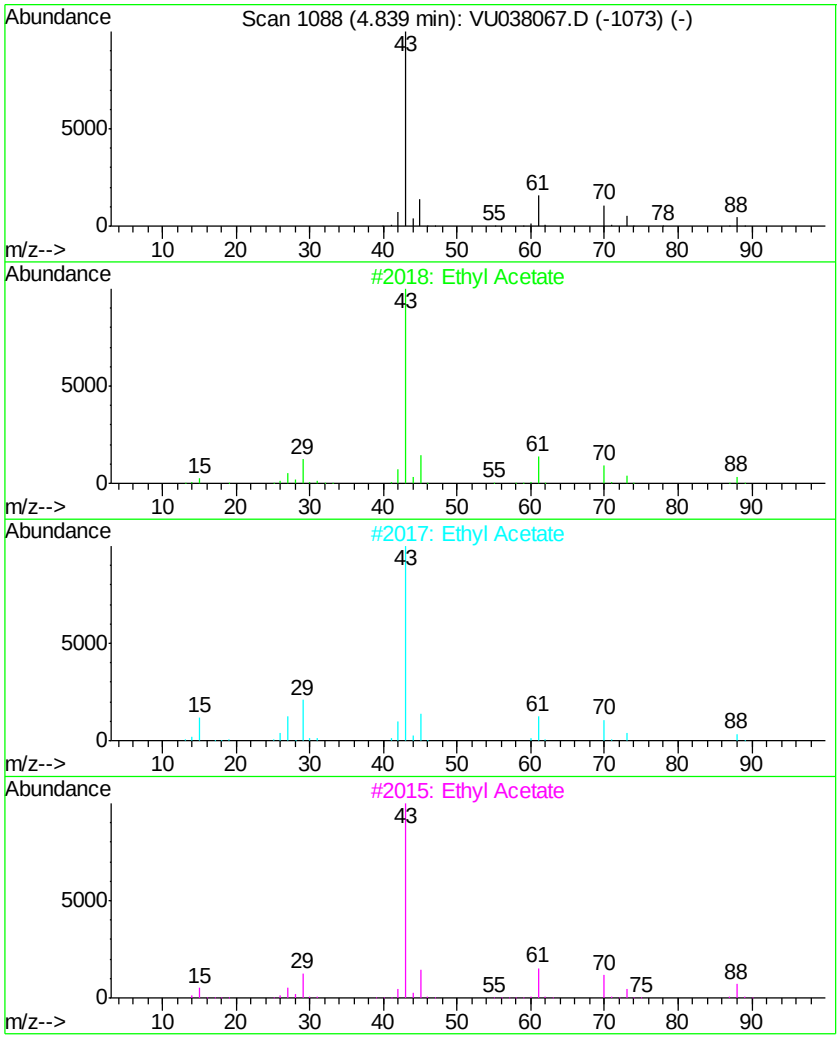
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

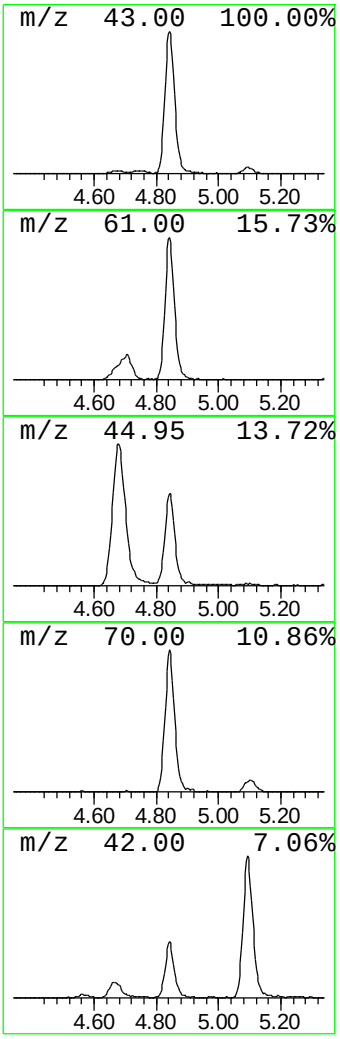
****

Peak Number 3 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	2.58 ug/L	453180	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2	Ethyl Acetate	88	C4H8O2	000141-78-6	72
3	Ethyl Acetate	88	C4H8O2	000141-78-6	72
4	Ethyl Acetate	88	C4H8O2	000141-78-6	58
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038067.D
Acq On : 08 May 2020 03:02
Operator : JC/MD
Sample : L2528-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL4

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

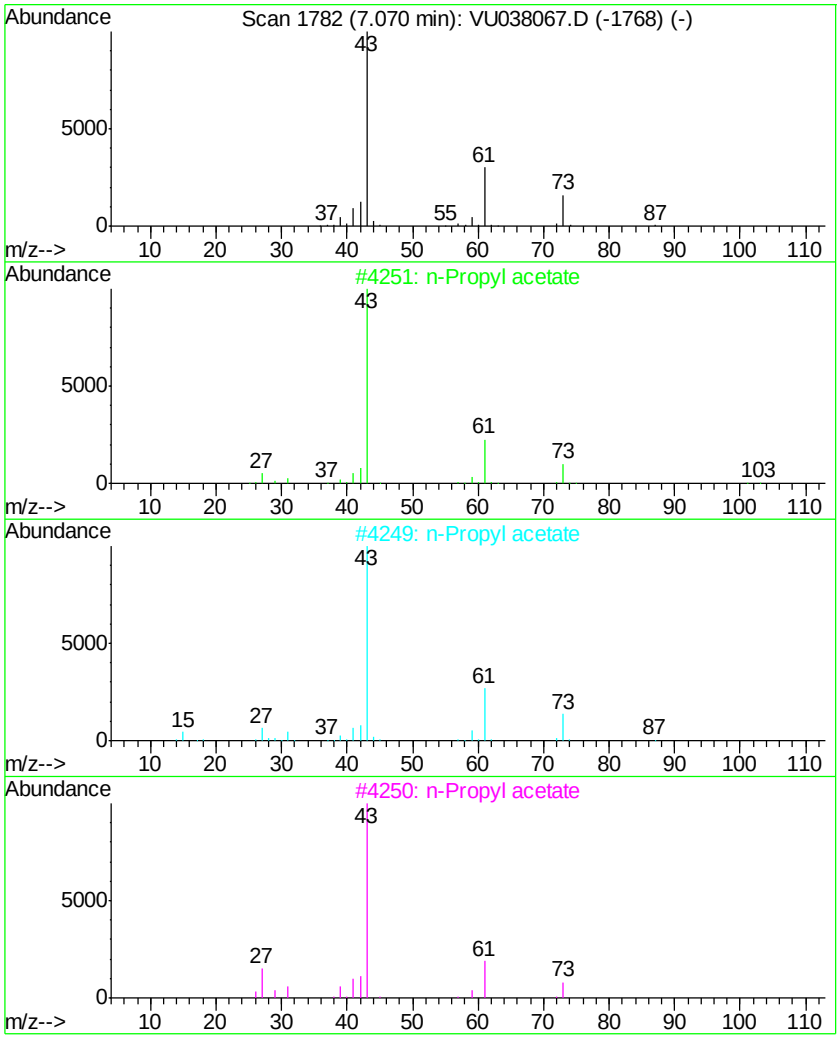
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

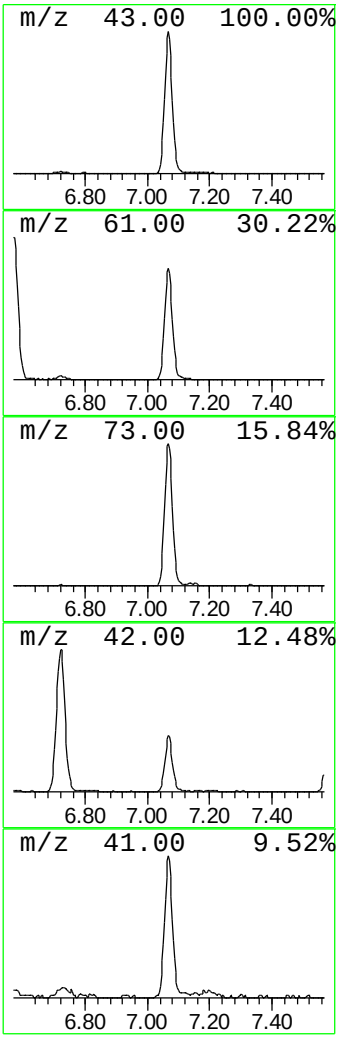
****

Peak Number 4 n-Propyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	1.44 ug/L	252948	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	45
4	Isopropyl acetate	102	C5H10O2	000108-21-4	36
5	Isobutylamine	73	C4H11N	000078-81-9	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038067.D
Acq On : 08 May 2020 03:02
Operator : JC/MD
Sample : L2528-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL4

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

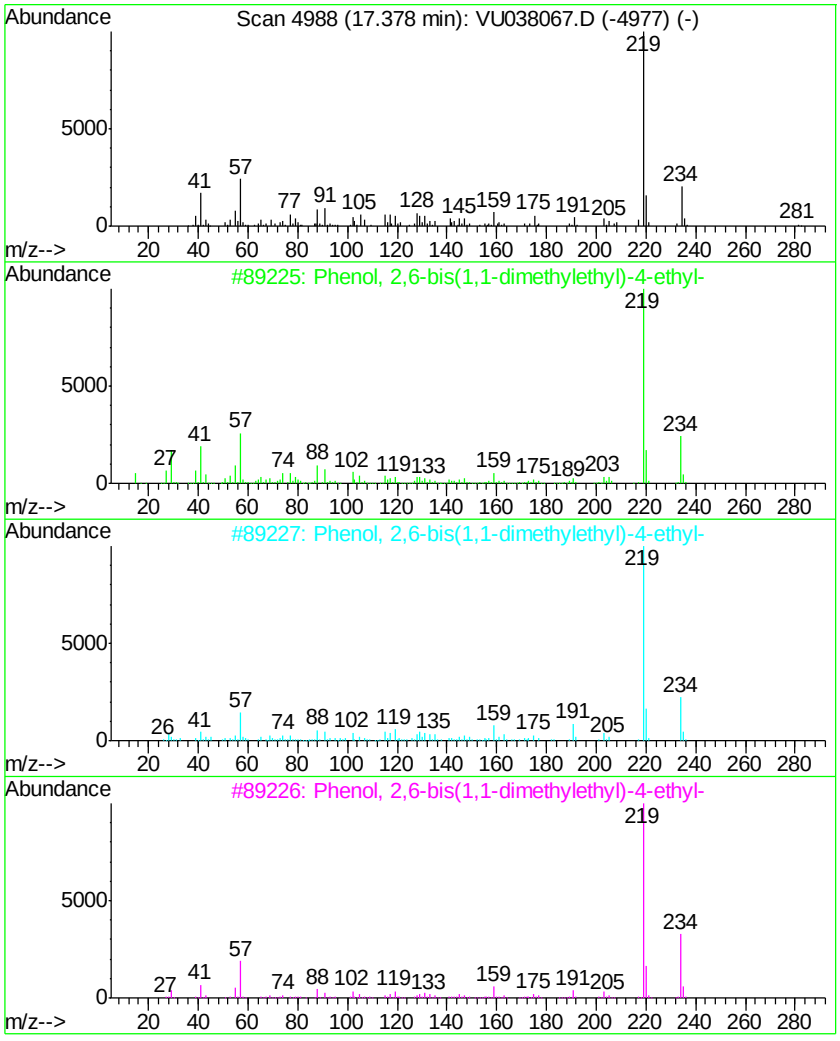
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

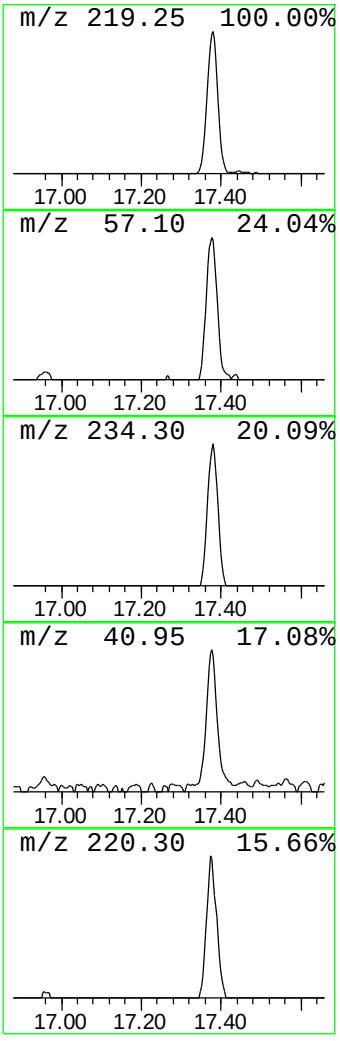
****

Peak Number 6 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	0.65 ug/L	138868	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	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	87
5	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038067.D
Acq On : 08 May 2020 03:02
Operator : JC/MD
Sample : L2528-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL4

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.37	0.6	ug/L	98321	1	6.28	878097	5.0
Isopropyl Alcohol	2.78	0.6	ug/L	112988	1	6.28	878097	5.0
Ethyl Acetate	4.84	2.6	ug/L	453180	1	6.28	878097	5.0
n-Propyl acetate	7.07	1.4	ug/L	252948	1	6.28	878097	5.0
Phenol, 2,6-bis(1...	17.38	0.7	ug/L	138868	3	11.83	1065400	5.0