LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
Data File : VU038473.D
Acq On : 01 Jun 2020 16:05
Operator : JC/MD
Sample : L2789-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX85

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\SOMUTR053120WMA.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	18	rBV	175723	163445	10.65%	1.395%
2	1.610	73	84	94	rBV	116287	144714	9.43%	1.235%
3	1.932	176	184	200	rVB	99430	129592	8.44%	1.106%
4	2.395	317	328	343	rVB	57652	96210	6.27%	0.821%
5	2.600	374	392	409	rBV3	364368	773633	50.39%	6.604%
6	3.218	573	584	602	rVB2	21711	49326	3.21%	0.421%
7	3.395	625	639	657	rVB3	13686	32504	2.12%	0.277%
8	3.736	731	745	759	rBV4	13687	32077	2.09%	0.274%
9	3.912	786	800	819	rVB3	13987	33345	2.17%	0.285%
10	4.571	988	1005	1022	rVB3	24515	57839	3.77%	0.494%
11	4.690	1022	1042	1078	rBV3	196247	798746	52.02%	6.819%
12	4.851	1079	1092	1131	rVB	129402	346763	22.59%	2.960%
13	5.105	1154	1171	1201	rBV2	242170	664922	43.31%	5.676%
14	5.427	1257	1271	1288	rVB8	7561	19739	1.29%	0.169%
15	5.758	1353	1374	1410	rBV2	398876	1059466	69.01%	9.044%
16	6.279	1521	1536	1570	rBV	353860	685968	44.68%	5.856%
17	6.571	1614	1627	1641	rBV5	34865	70153	4.57%	0.599%
18	6.723	1659	1674	1691	rBV	250874	489207	31.86%	4.176%
19	7.070	1769	1782	1808	rBV	137685	259303	16.89%	2.214%
20	7.591	1931	1944	1963	rBV	127643	225065	14.66%	1.921%
21	7.922	2032	2047	2064	rBV	453923	808916	52.69%	6.905%
22	8.202	2121	2134	2153	rBV	84623	143293	9.33%	1.223%
23	8.575	2238	2250	2260	rBV3	22622	39300	2.56%	0.335%
24	8.658	2262	2276	2315	rBV	820379	1535316	100.00%	13.107%
25	9.436	2504	2518	2553	rVB	501290	861486	56.11%	7.354%
26	10.771	2922	2933	2949	rBV	215791	347489	22.63%	2.966%
27	11.825	3247	3261	3278	rBV	521319	833623	54.30%	7.116%
28	12.082	3330	3341	3352	rBV6	8657	18591	1.21%	0.159%
29	12.205	3366	3379	3393	rBV	503583	804909	52.43%	6.871%
30	17.384	4979	4990	5007	rBV	102617	189171	12.32%	1.615%

Sum of corrected areas: 11714111

LSC Report - Integrated Chromatogram

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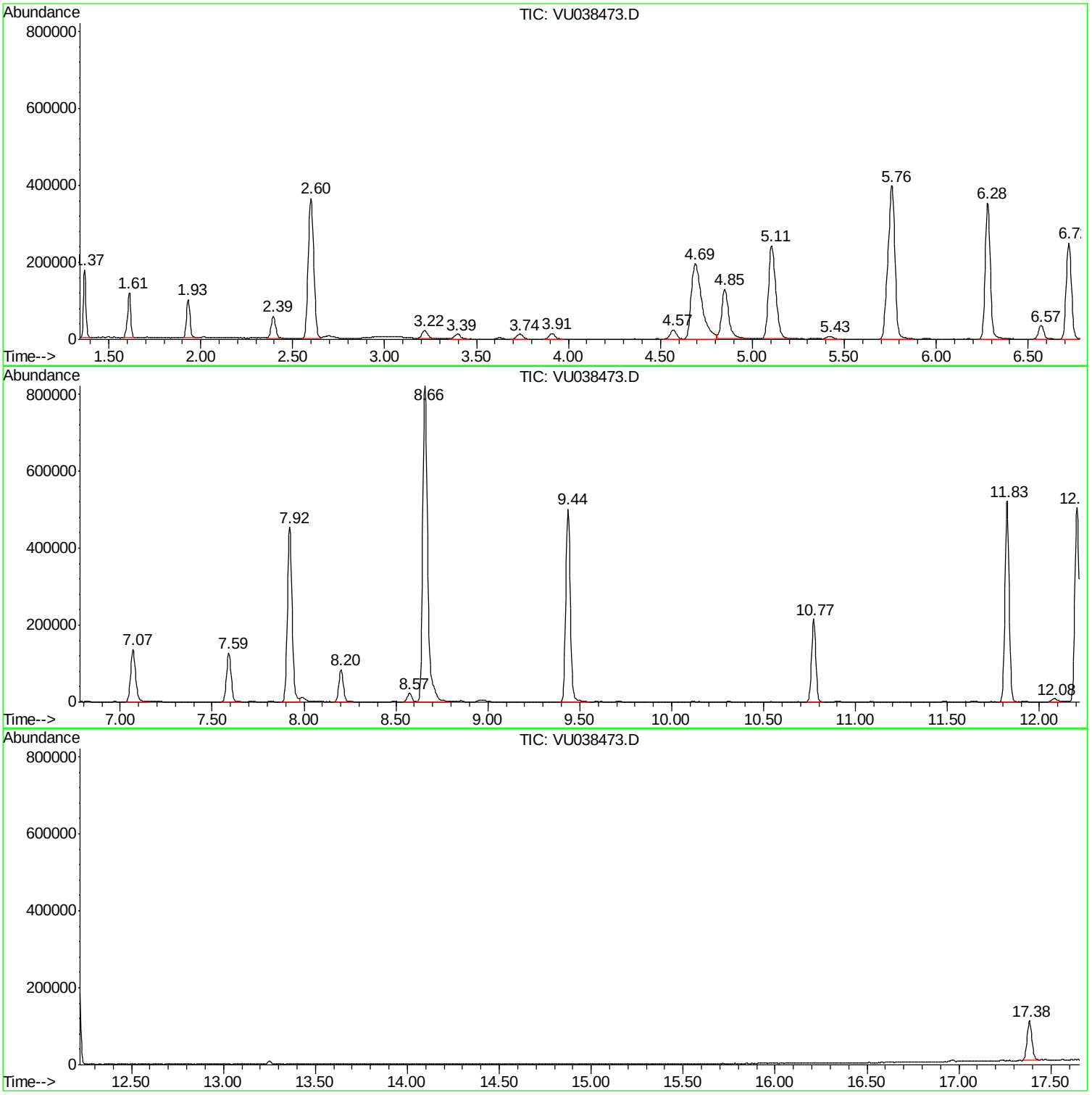
Sample : L2789-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Quant Title : TRACE VOA SOM01.0

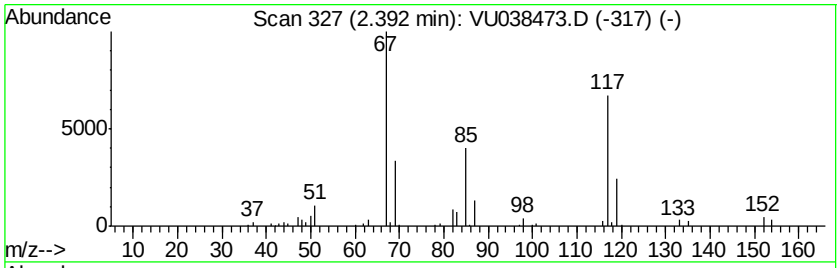
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

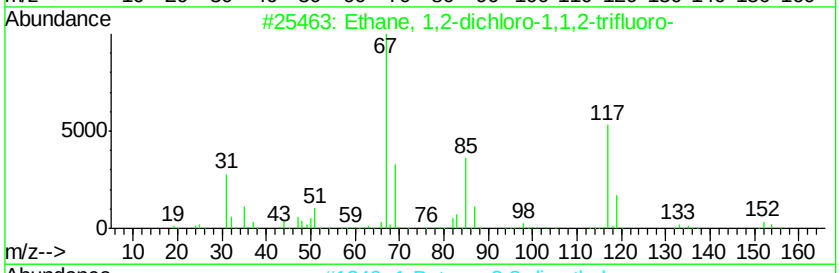
****

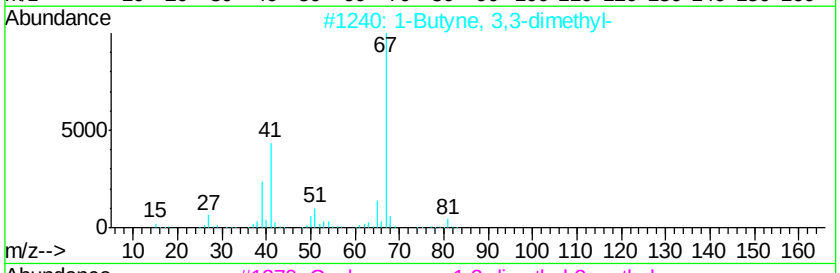
Peak Number 1 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 5

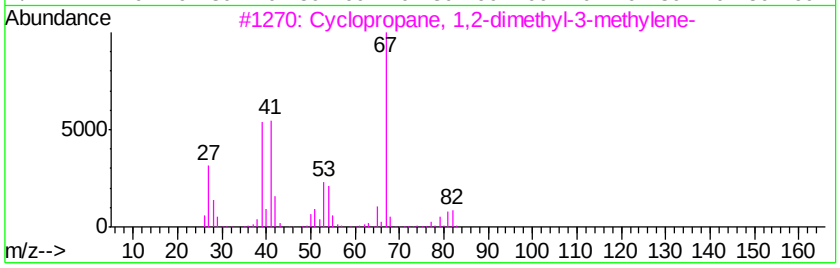
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.39	0.70 ug/L	96210	1,4-Difluorobenzene	6.28

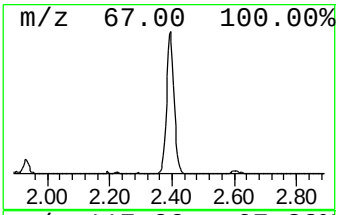
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	91
2	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	12
3	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	9
4	Acetic acid, chlorodifluoro-, et...	158	C4H5ClF2O2	000383-62-0	9
5	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	7

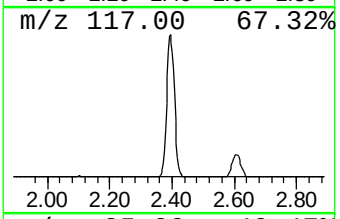


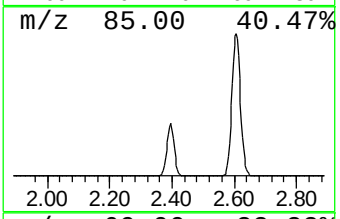


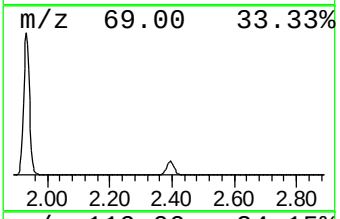


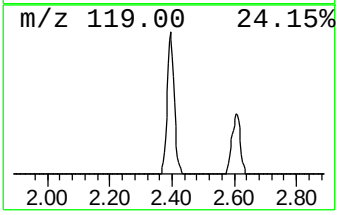












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Instrument : MSVOA_U
ClientSampleId : BFX85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

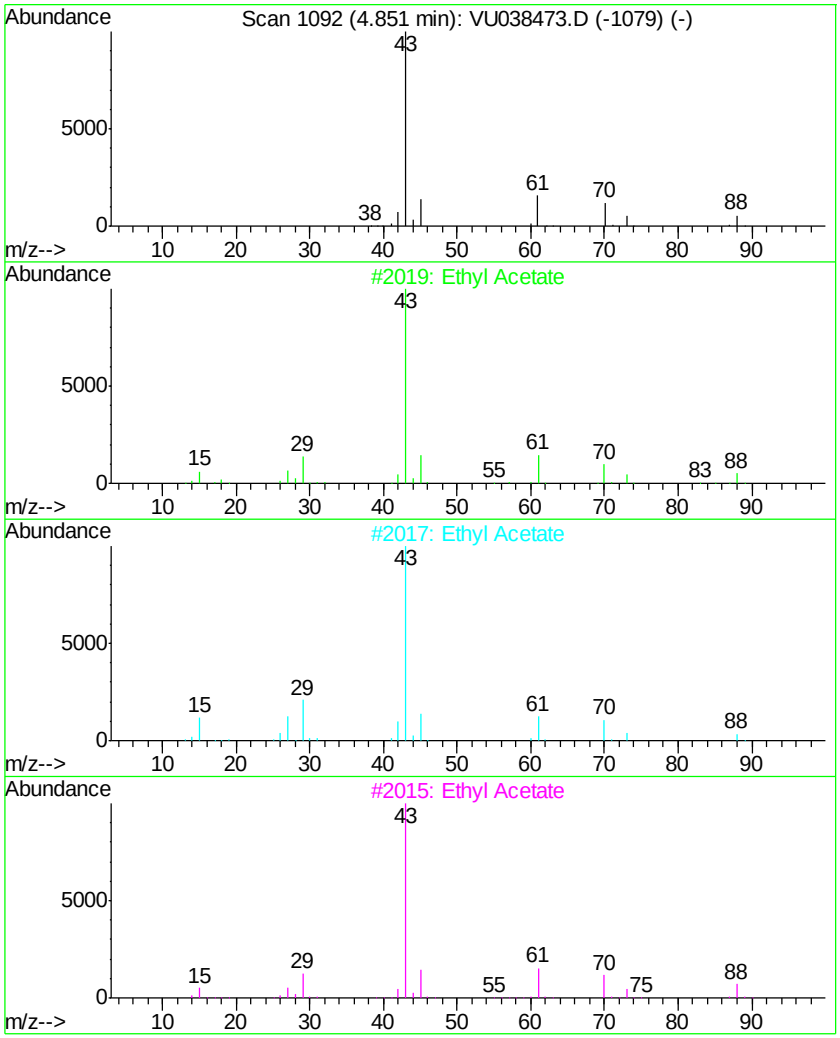
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

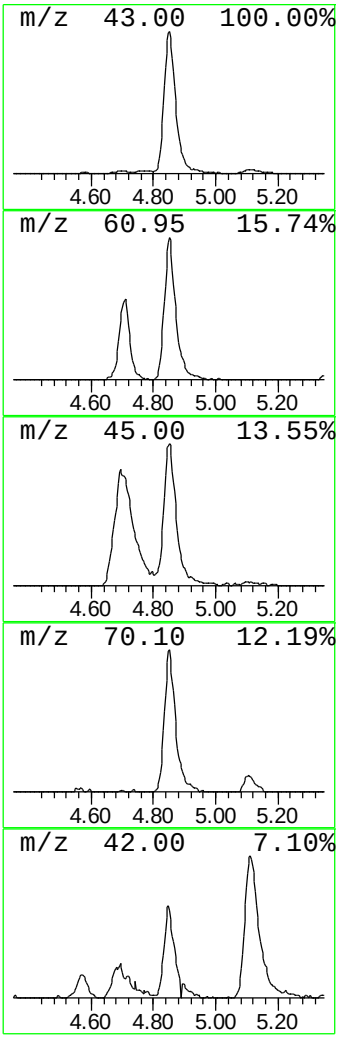
****

Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	2.53 ug/L	346763	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	86
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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

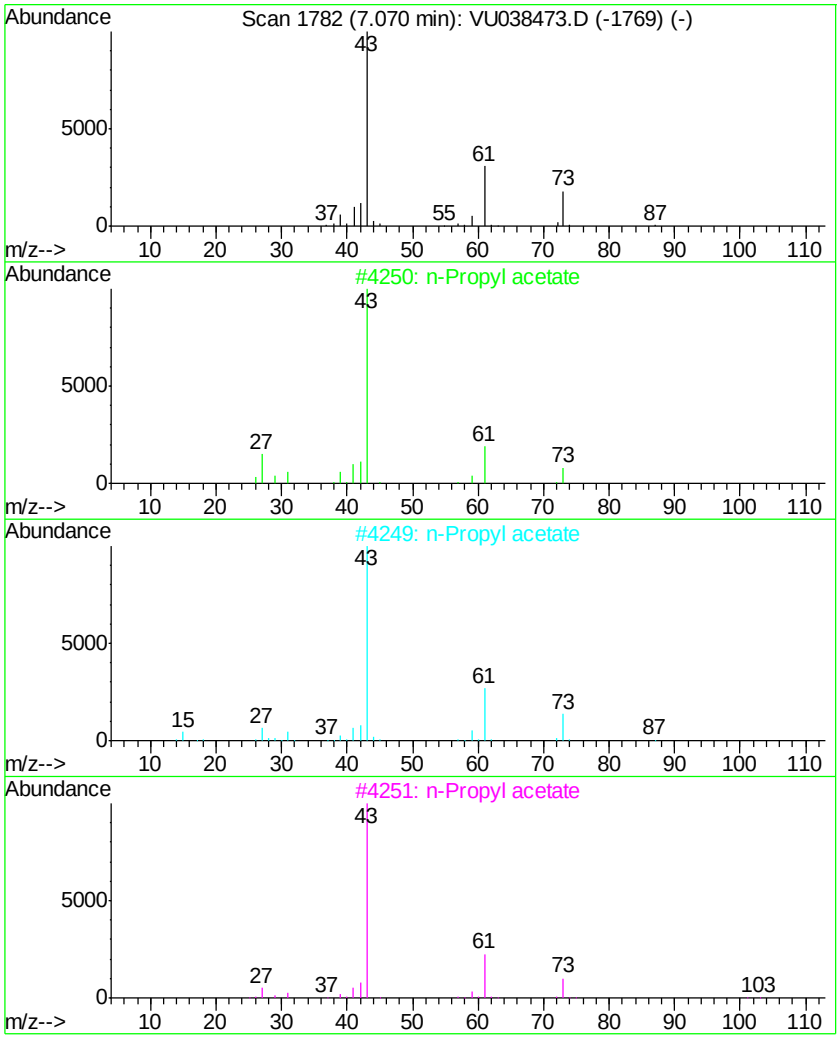
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

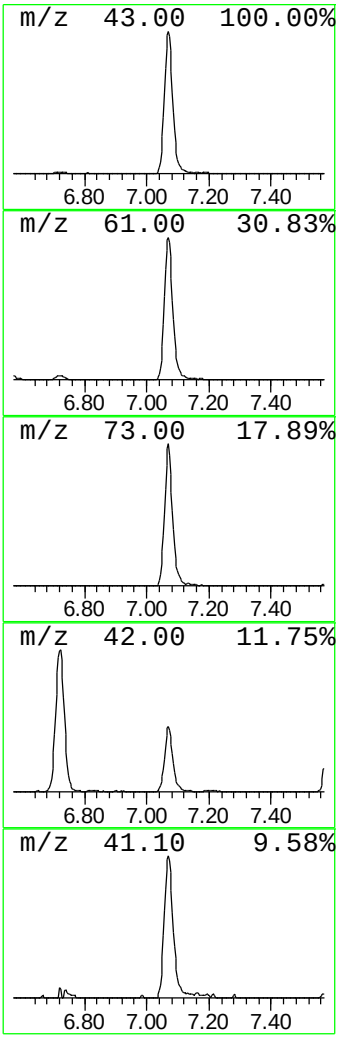
****

Peak Number 3 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	1.89 ug/L	259303	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	n-Propyl acetate	102	C5H10O2	000109-60-4	78
3	n-Propyl acetate	102	C5H10O2	000109-60-4	40
4	Isobutyl acetate	116	C6H12O2	000110-19-0	9
5	Acetic acid, pentyl ester	130	C7H14O2	000628-63-7	9





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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

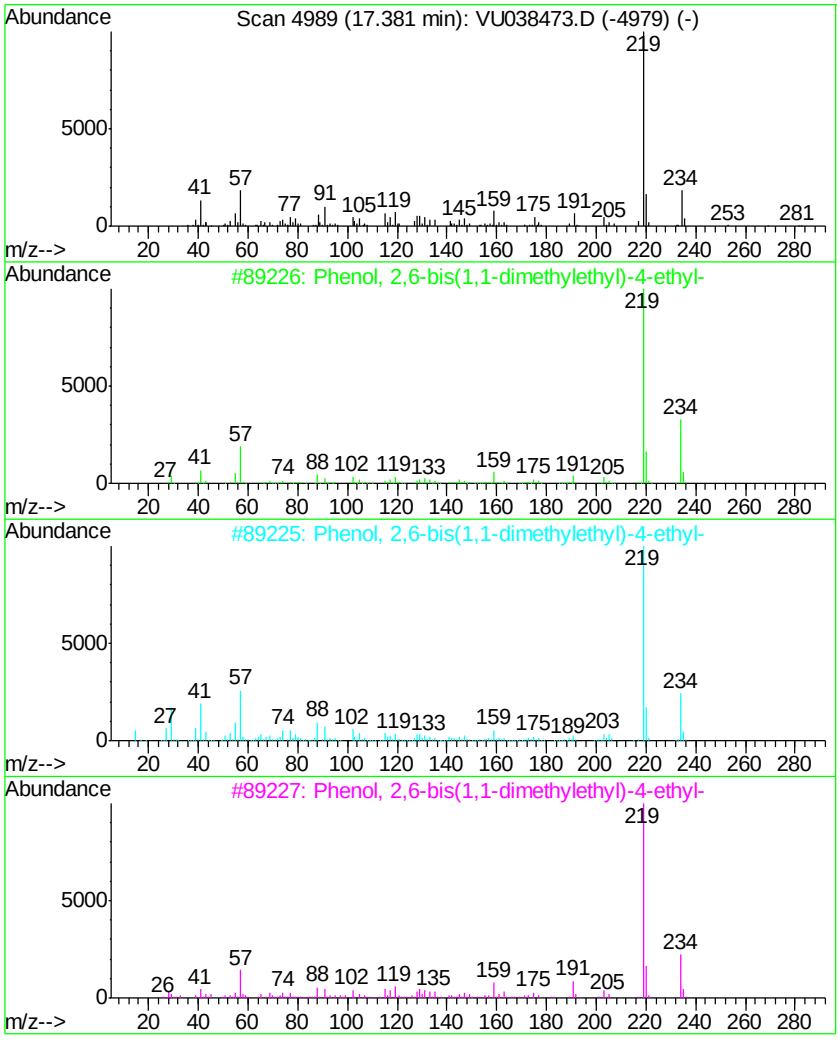
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

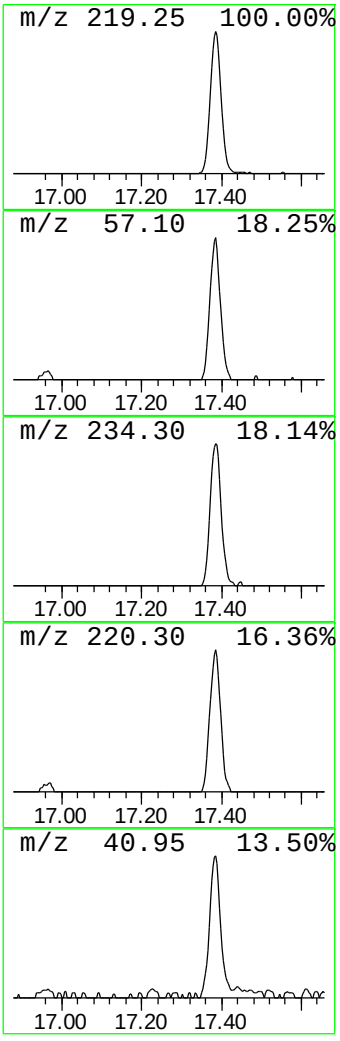
****

Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	1.13 ug/L	189171	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	97
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	94
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	93
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	90





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, 1,2-dichl...	2.39	0.7	ug/L	96210	1	6.28	685968	5.0
Ethyl Acetate	4.85	2.5	ug/L	346763	1	6.28	685968	5.0
n-Propyl acetate	7.07	1.9	ug/L	259303	1	6.28	685968	5.0
Phenol, 2,6-bis(1...	17.38	1.1	ug/L	189171	3	11.83	833623	5.0