LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
Data File : VU038652.D
Acq On : 07 Jun 2020 05:57
Operator : SY/MD
Sample : L2911-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D46

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	21	rVB	212355	206944	13.69%	1.969%
2	1.613	74	85	95	rBV	125799	146954	9.72%	1.398%
3	1.932	174	184	198	rVB	108424	139461	9.23%	1.327%
4	2.594	378	390	404	rBV	226857	372080	24.62%	3.541%
5	2.668	405	413	435	rVB2	13144	36282	2.40%	0.345%
6	2.870	450	476	479	rBV3	8758	27433	1.82%	0.261%
7	4.674	1020	1037	1073	rBV2	204229	599455	39.67%	5.705%
8	4.848	1078	1091	1113	rVB2	21082	52062	3.45%	0.495%
9	5.102	1153	1170	1193	rBV	211929	460701	30.49%	4.384%
10	5.423	1253	1270	1290	rVB3	47105	107874	7.14%	1.027%
11	5.761	1350	1375	1411	rBV2	420438	1128653	74.69%	10.741%
12	6.279	1521	1536	1564	rBV	372535	724973	47.97%	6.899%
13	6.719	1658	1673	1692	rBV	262727	506666	33.53%	4.822%
14	7.591	1929	1944	1964	rBV	125993	224951	14.89%	2.141%
15	7.922	2033	2047	2065	rBV	495693	882583	58.40%	8.399%
16	8.201	2121	2134	2155	rBV	81830	137557	9.10%	1.309%
17	8.655	2257	2275	2307	rBV	823385	1511155	100.00%	14.381%
18	9.436	2504	2518	2553	rVB	537832	916061	60.62%	8.718%
19	10.770	2920	2933	2952	rVB	220733	353787	23.41%	3.367%
20	11.822	3247	3260	3277	rBV	573347	914873	60.54%	8.706%
21	12.079	3328	3340	3354	rBV3	27937	58258	3.86%	0.554%
22	12.205	3365	3379	3393	rVB	531566	859406	56.87%	8.179%
23	12.909	3588	3598	3607	rVB5	12174	18702	1.24%	0.178%
24	17.384	4980	4990	5004	rBV2	65471	121134	8.02%	1.153%

Sum of corrected areas: 10508005

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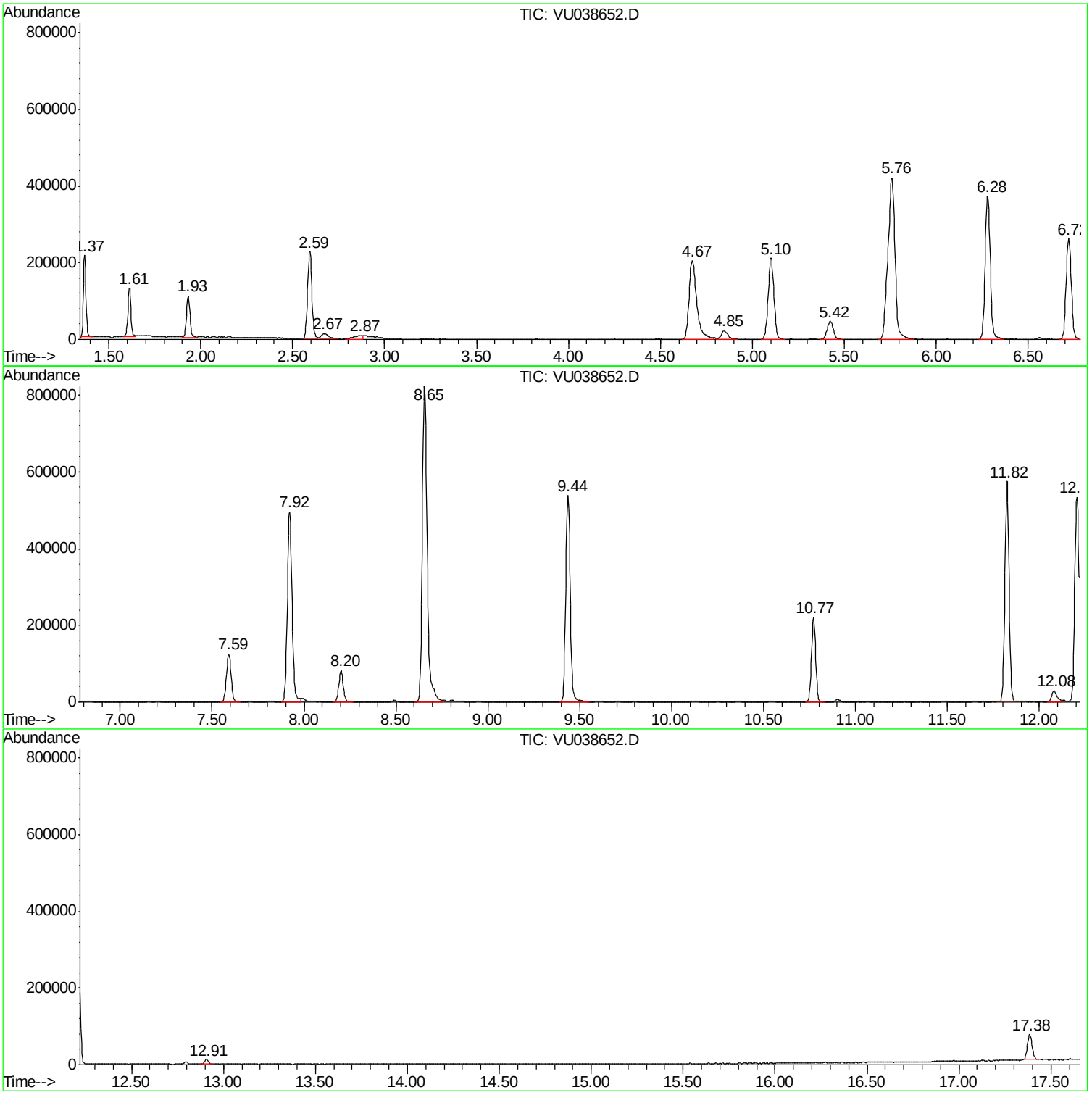
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

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Instrument : MSVOA_U
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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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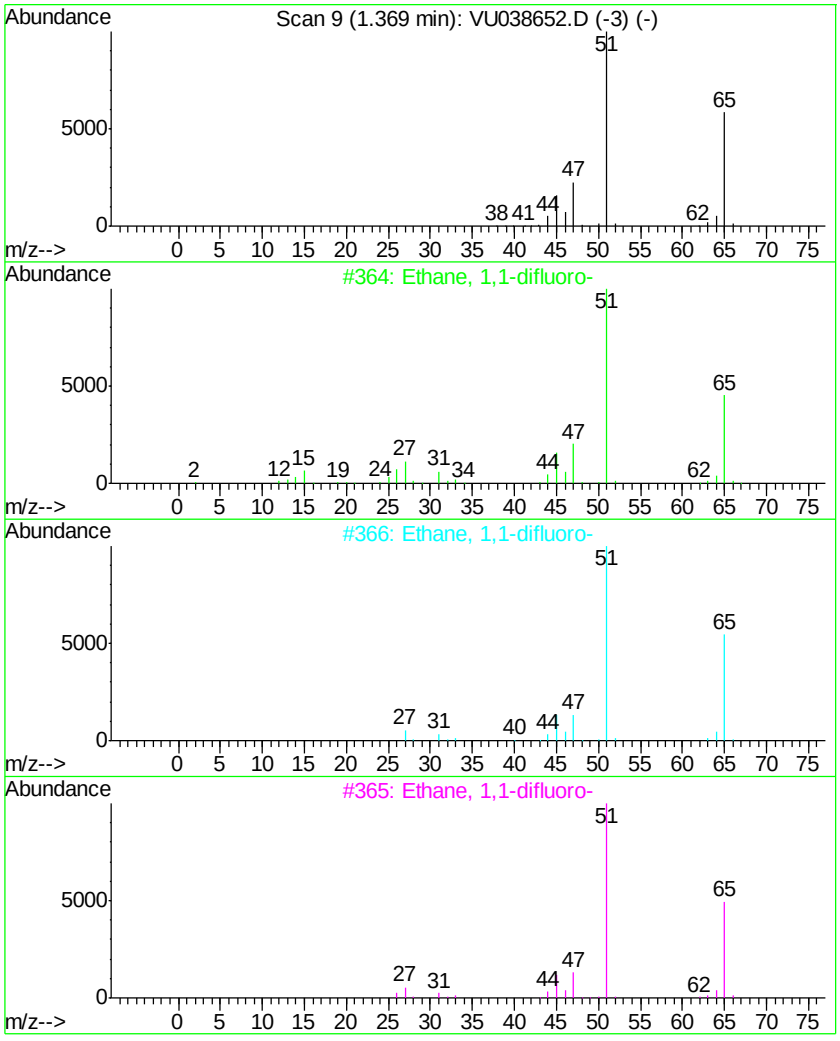
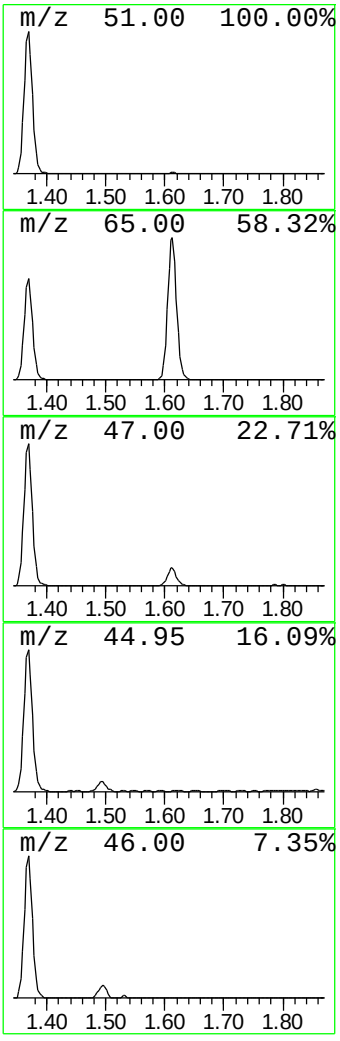
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	1.43 ug/L	206944	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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Quant Title : TRACE VOA SOM01.0

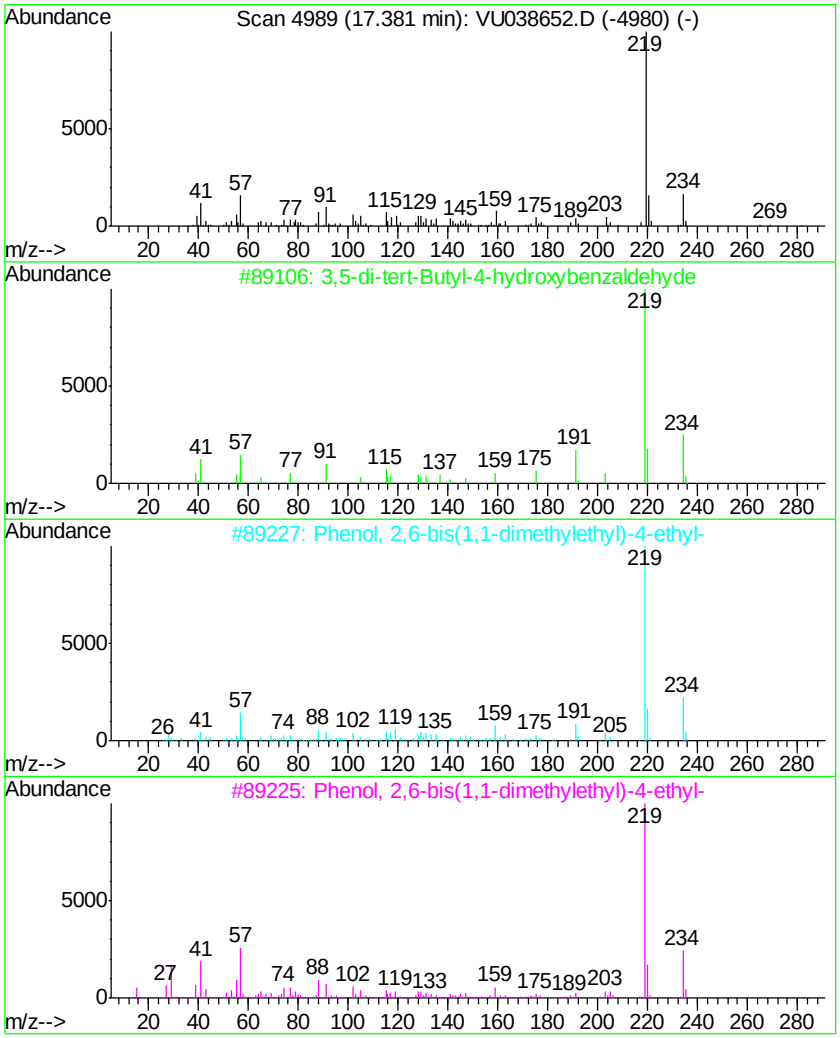
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

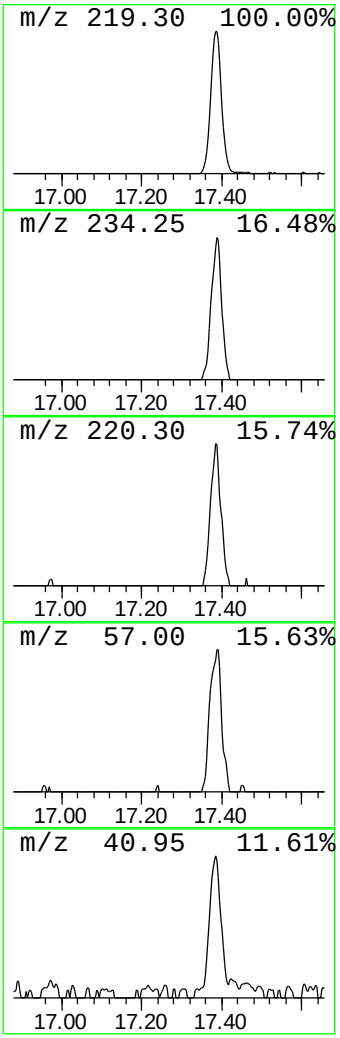
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	0.66 ug/L	121134	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	94
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	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	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	87





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	1.4	ug/L	206944	1	6.28	724973	5.0
3,5-di-tert-Butyl...	17.38	0.7	ug/L	121134	3	11.83	914873	5.0