LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
Data File : VU037794.D
Acq On : 18 Apr 2020 00:40
Operator : JC/MD
Sample : L2319-06
Misc : 25mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AD8

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\SOMUTR041420WMA.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	1.485	36	45	58	rBV	94824	197432	14.42%	2.013%
2	1.613	78	85	92	rBV	120896	132397	9.67%	1.350%
3	1.932	177	184	195	rVB	108450	145477	10.62%	1.483%
4	2.591	375	389	401	rBV	177640	298507	21.80%	3.044%
5	2.655	402	409	427	rVB	12235	21419	1.56%	0.218%
6	2.790	435	451	473	rBV	68288	132888	9.70%	1.355%
7	3.221	566	585	607	rVB2	40034	94844	6.93%	0.967%
8	3.391	626	638	656	rVB5	7738	16283	1.19%	0.166%
9	4.668	1017	1035	1067	rBV2	318075	822863	60.09%	8.391%
10	5.102	1153	1170	1188	rBV	173999	379432	27.71%	3.869%
11	5.761	1353	1375	1404	rBV2	374776	954982	69.74%	9.738%
12	6.282	1522	1537	1551	rBV	360062	671566	49.04%	6.848%
13	6.571	1615	1627	1642	rVB4	25402	48433	3.54%	0.494%
14	6.722	1659	1674	1693	rBV	239868	462199	33.75%	4.713%
15	7.591	1930	1944	1958	rBV	129939	226114	16.51%	2.306%
16	7.922	2032	2047	2064	rBV	460799	790793	57.75%	8.064%
17	8.202	2122	2134	2155	rBV	83202	140429	10.26%	1.432%
18	8.575	2241	2250	2260	rVB4	10661	17174	1.25%	0.175%
19	8.658	2260	2276	2315	rBV	759852	1369319	100.00%	13.963%
20	9.436	2506	2518	2536	rBV	510416	837004	61.13%	8.535%
21	10.774	2921	2934	2947	rBV	178730	285643	20.86%	2.913%
22	11.825	3248	3261	3278	rVB	547453	844038	61.64%	8.607%
23	12.079	3331	3340	3349	rBV2	10179	15982	1.17%	0.163%
24	12.208	3366	3380	3399	rVB	445663	720901	52.65%	7.351%
25	12.912	3589	3599	3609	rBV3	19302	27680	2.02%	0.282%
26	17.378	4977	4988	4999	rBV	86462	152658	11.15%	1.557%

Sum of corrected areas: 9806457

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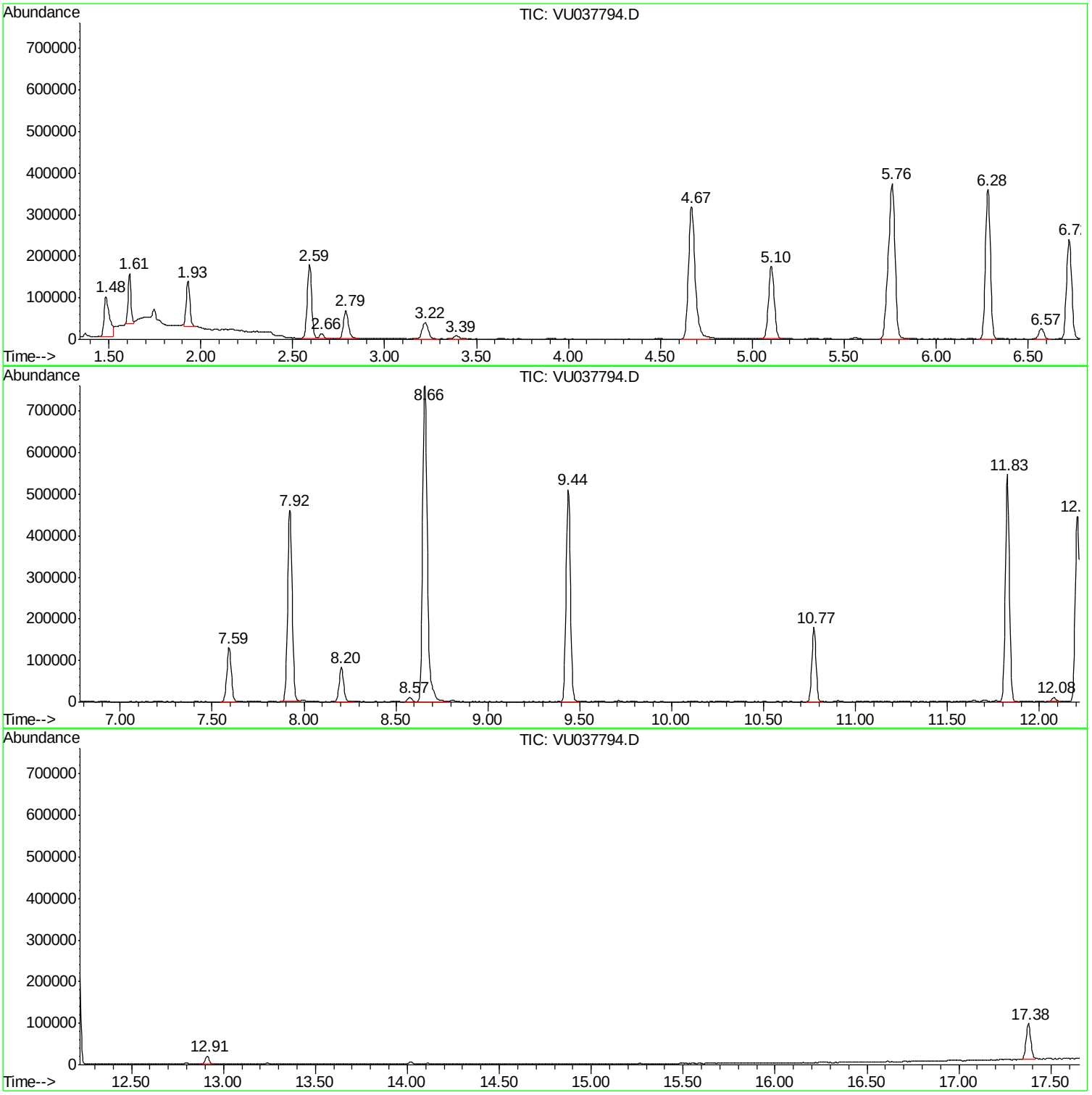
Instrument :
MSVOA_U
ClientSampleId :
C0AD8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.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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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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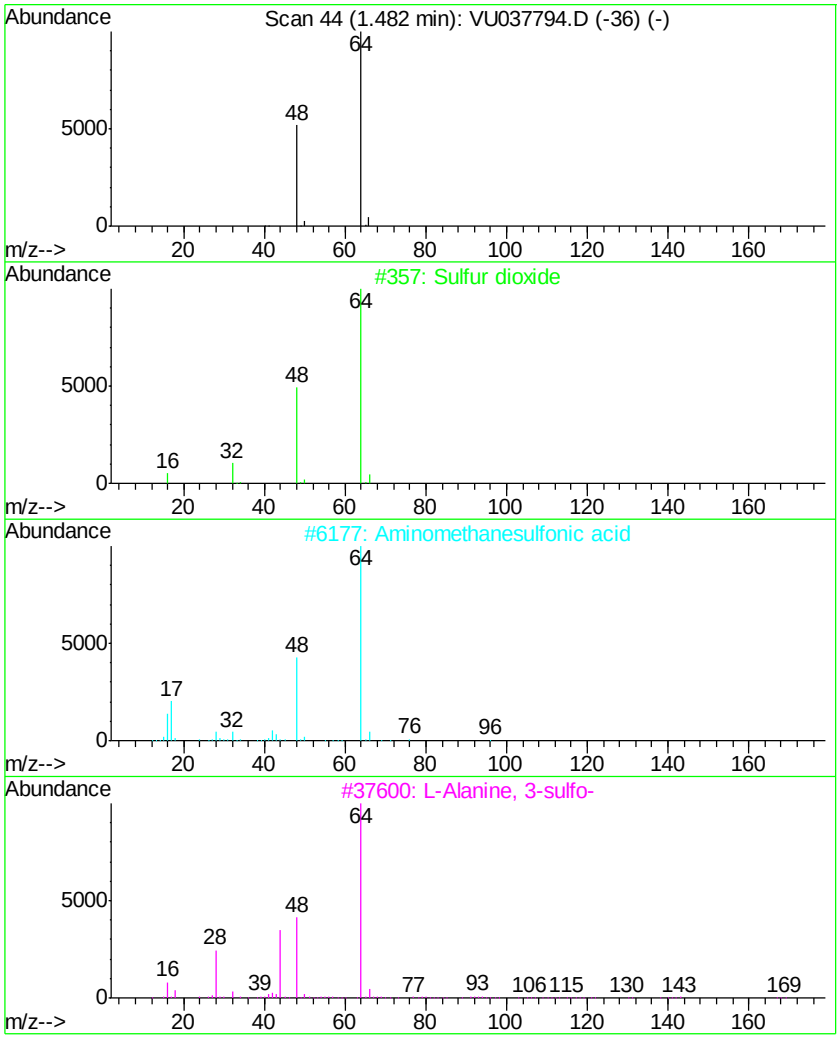
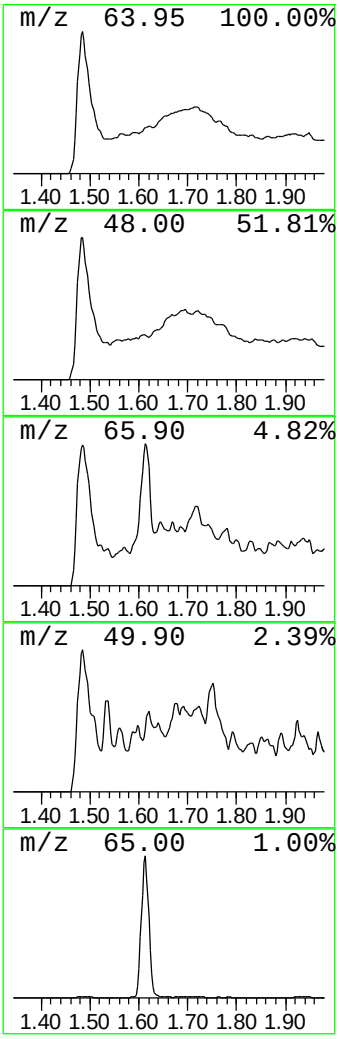
Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	1.47 ug/L	197432	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





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ClientSampleId : C0AD8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

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

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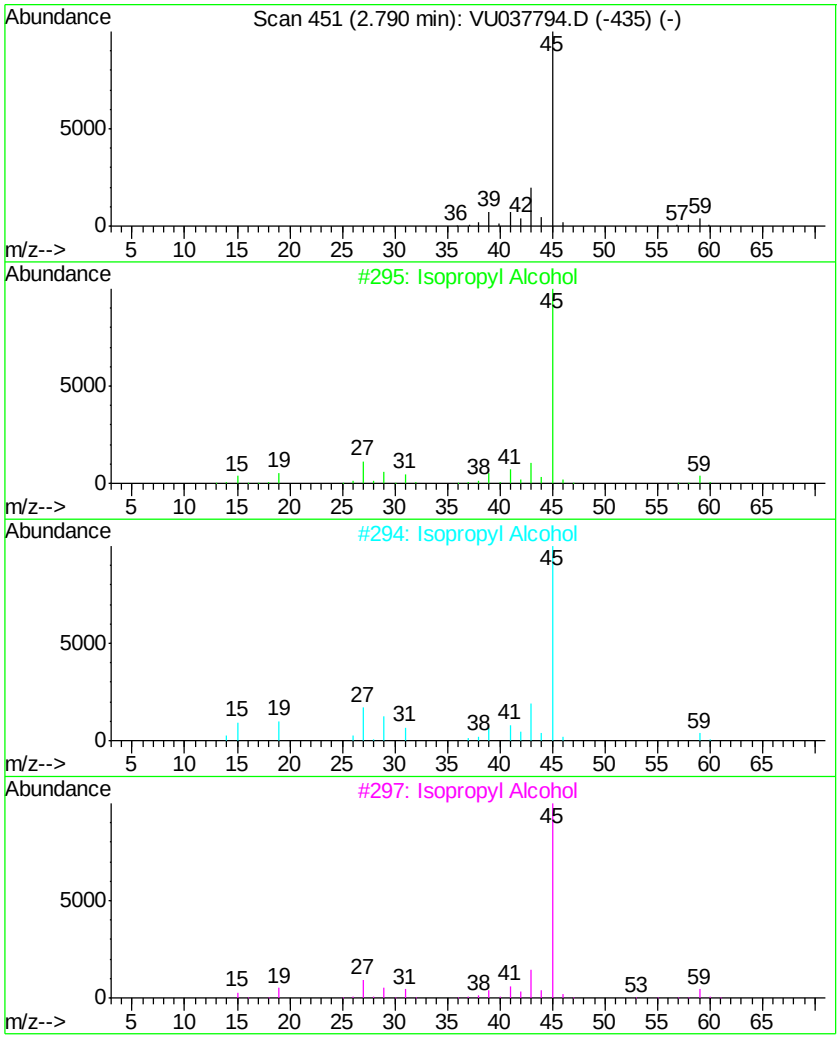
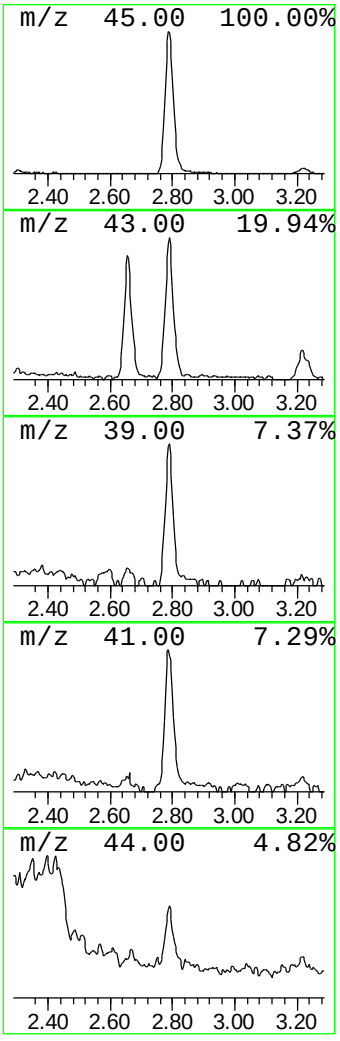
Peak Number 2 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	0.99 ug/L	132888	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	64
4	Formamide	45	CH3NO	000075-12-7	5
5	Ethylamine	45	C2H7N	000075-04-7	5





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Instrument : MSVOA_U
ClientSampleId : C0AD8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

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

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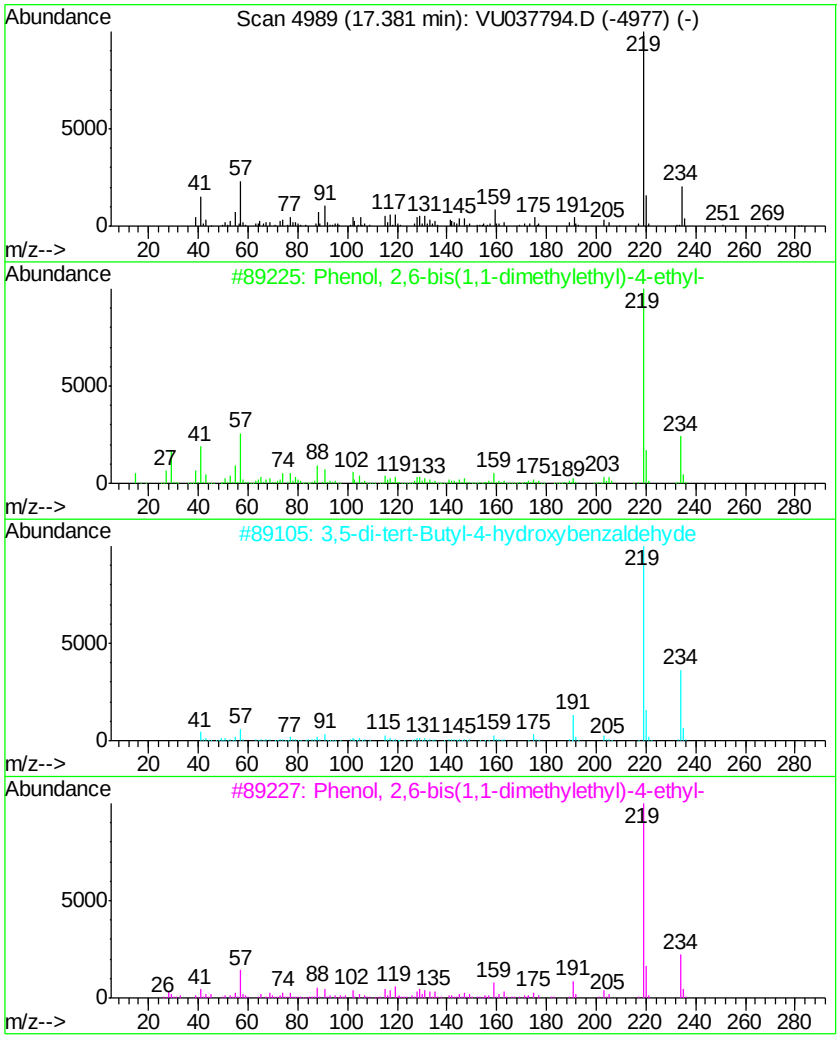
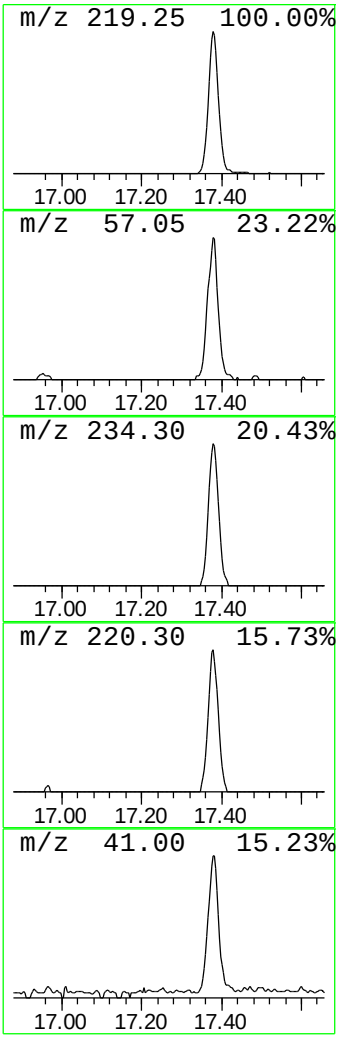
Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	0.90 ug/L	152658	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	95
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	91
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
Sulfur dioxide	1.48	1.5	ug/L	197432	1	6.28	671566	5.0
Isopropyl Alcohol	2.79	1.0	ug/L	132888	1	6.28	671566	5.0
Phenol, 2,6-bis(1...	17.38	0.9	ug/L	152658	3	11.83	844038	5.0