

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011314.D
 Acq On : 08 Jun 2019 04:51
 Operator : SY/MD
 Sample : K3228-16
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P60

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.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	1.222	32	41	64	rBV	1240198	2734124	100.00%	34.104%
2	1.576	145	151	166	rVB	66946	80748	2.95%	1.007%
3	2.119	311	320	331	rVB	140028	192996	7.06%	2.407%
4	2.341	372	389	422	rBV	57985	238493	8.72%	2.975%
5	2.647	476	484	496	rVB	15988	31882	1.17%	0.398%
6	3.978	881	898	942	rBV2	48168	246544	9.02%	3.075%
7	4.396	1010	1028	1046	rBV	97554	238170	8.71%	2.971%
8	5.090	1227	1244	1265	rBV2	240126	562373	20.57%	7.015%
9	5.659	1404	1421	1441	rBV	206835	411578	15.05%	5.134%
10	6.116	1541	1563	1586	rBV	134869	289736	10.60%	3.614%
11	7.029	1836	1847	1860	rBV	53549	94811	3.47%	1.183%
12	7.357	1936	1949	1966	rBV	265612	447763	16.38%	5.585%
13	7.663	2032	2044	2061	rBV2	30536	55949	2.05%	0.698%
14	8.138	2179	2192	2211	rBV	321586	602898	22.05%	7.520%
15	8.894	2412	2427	2443	rBV	295921	485908	17.77%	6.061%
16	10.261	2837	2852	2867	rBV	97636	157848	5.77%	1.969%
17	11.293	3162	3173	3189	rBV	261958	410376	15.01%	5.119%
18	11.572	3251	3260	3276	rBV2	19436	34387	1.26%	0.429%
19	11.669	3279	3290	3307	rVB	237262	384219	14.05%	4.793%
20	12.392	3504	3515	3524	rBV4	20481	34487	1.26%	0.430%
21	13.678	3902	3915	3926	rVB4	16294	27564	1.01%	0.344%
22	16.235	4699	4710	4721	rBV6	27410	47073	1.72%	0.587%
23	16.360	4739	4749	4761	rBV	135971	207012	7.57%	2.582%

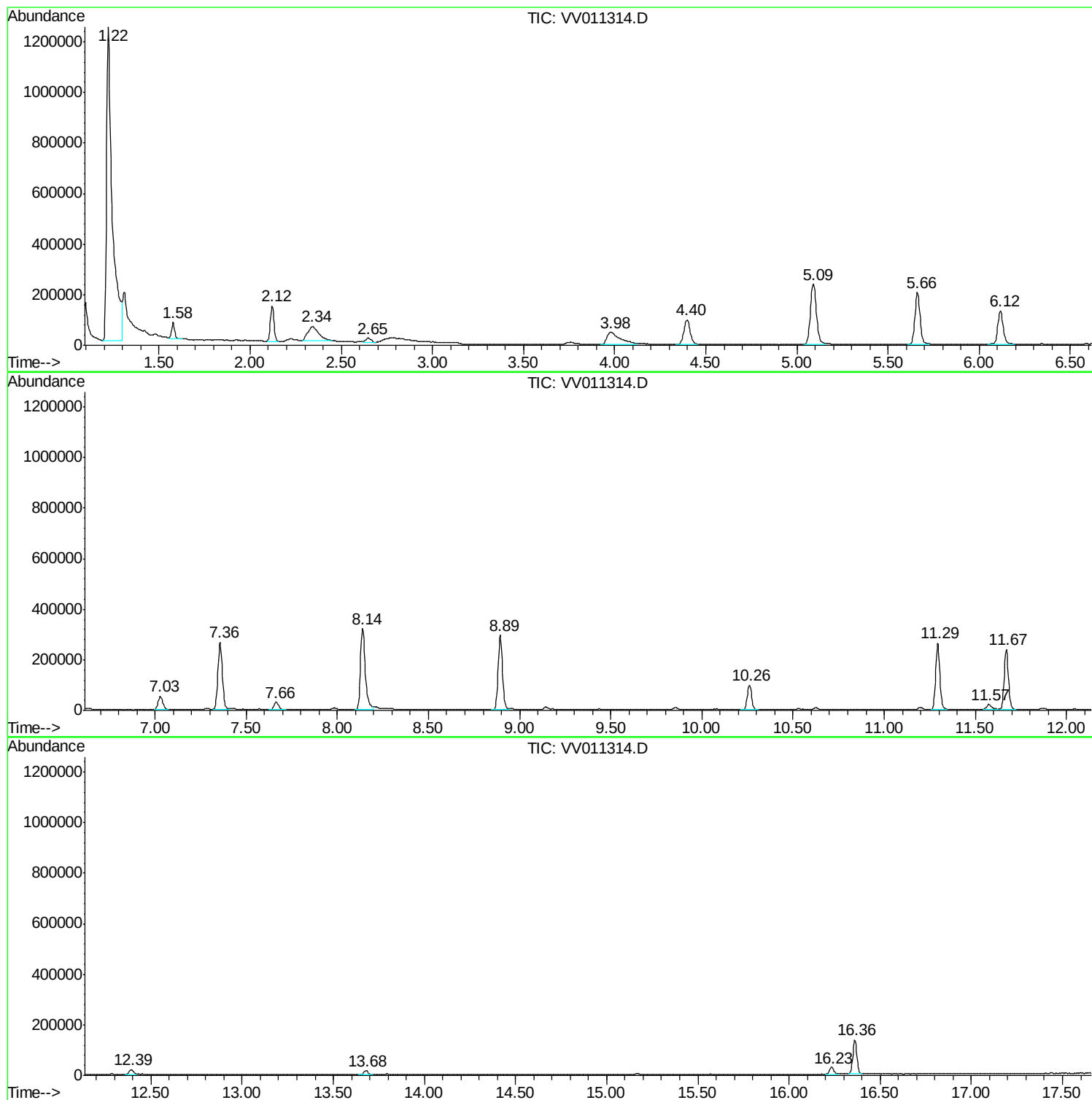
Sum of corrected areas: 8016939

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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



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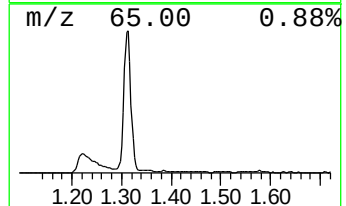
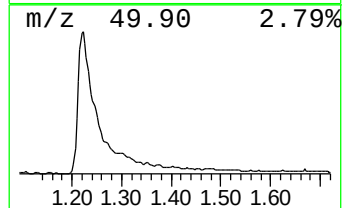
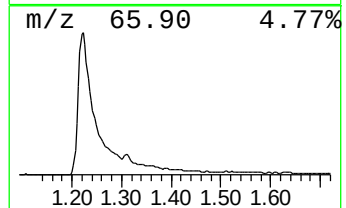
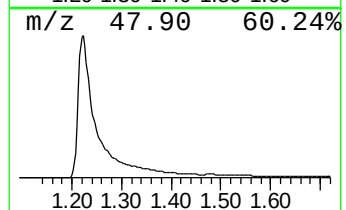
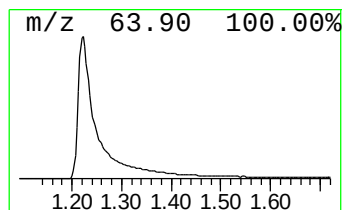
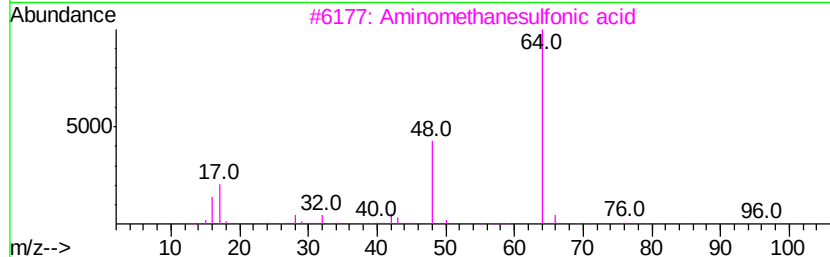
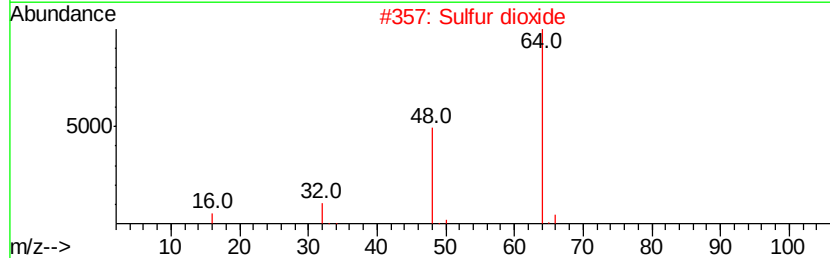
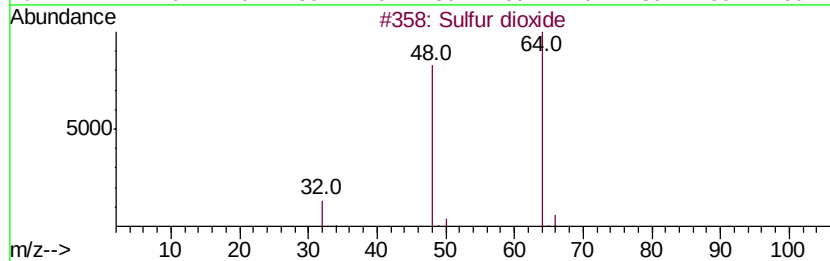
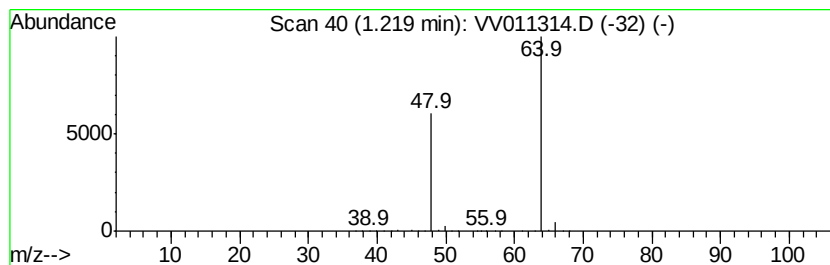
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	33.22 ug/L	2734120	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	83
2		Sulfur dioxide	64	O2S	007446-09-5	83
3		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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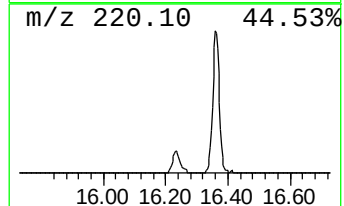
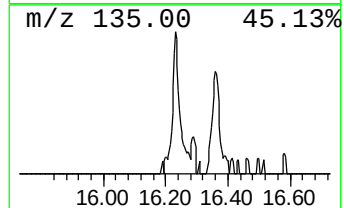
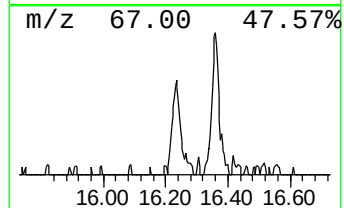
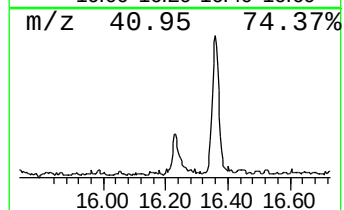
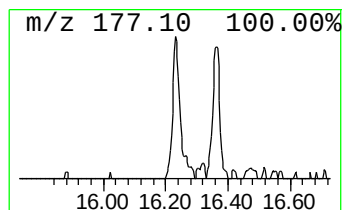
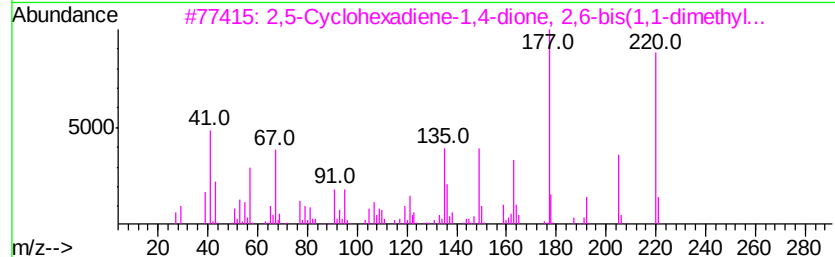
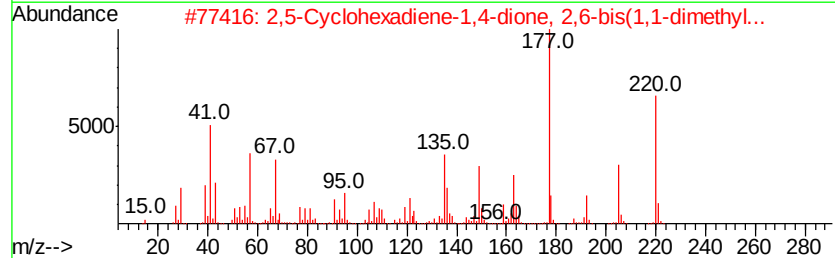
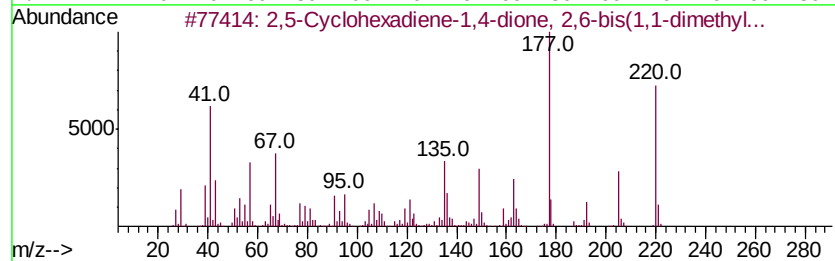
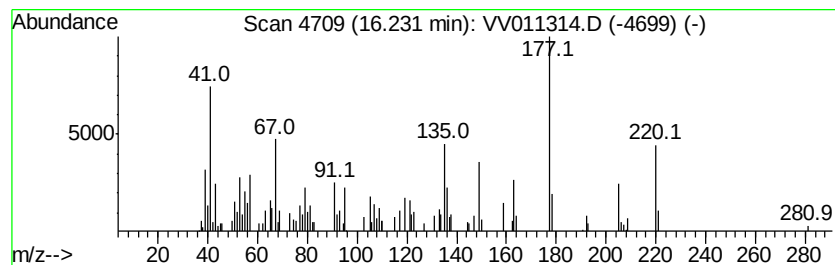
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Peak Number 3 2,5-Cyclohexadiene-1,4-dione... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	0.57 ug/L	47073	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	98
2		2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	97
3		2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	94
4		3-Buten-2-one, 4-(2,6,6-trimethyl...	192	C13H20O	014901-07-6	42
5		Edulan II	192	C13H20O	041678-30-2	38



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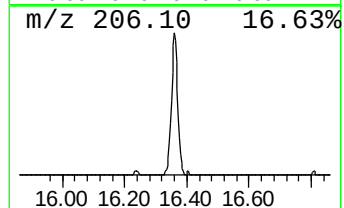
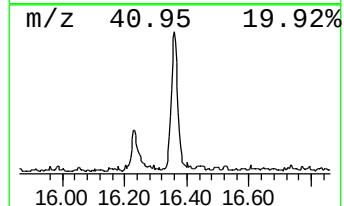
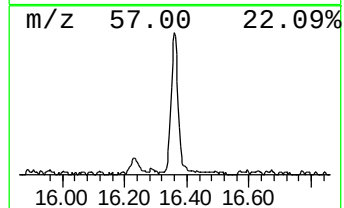
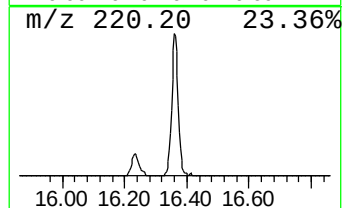
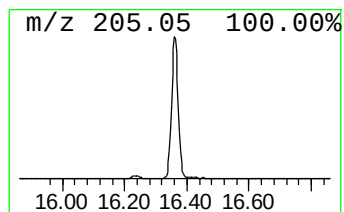
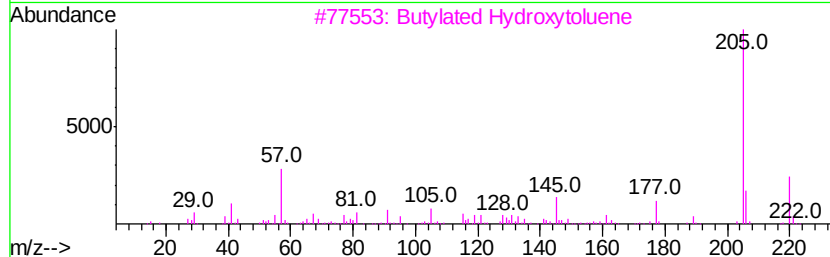
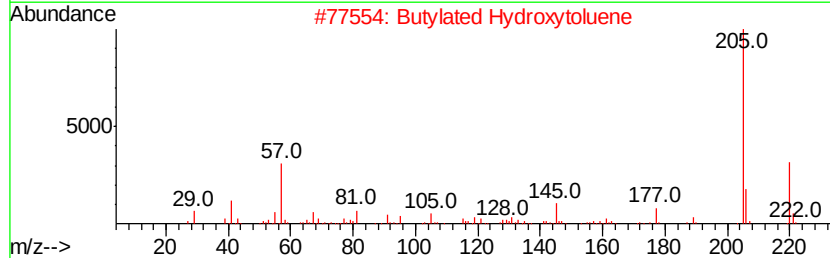
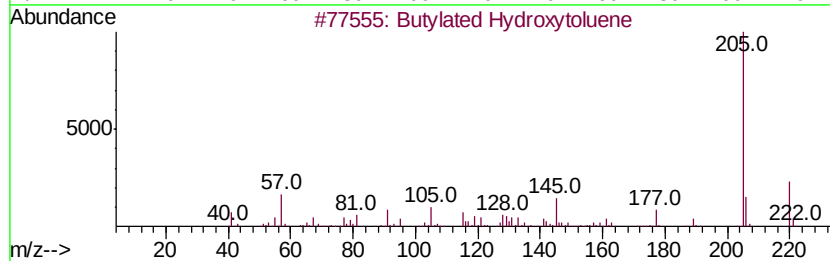
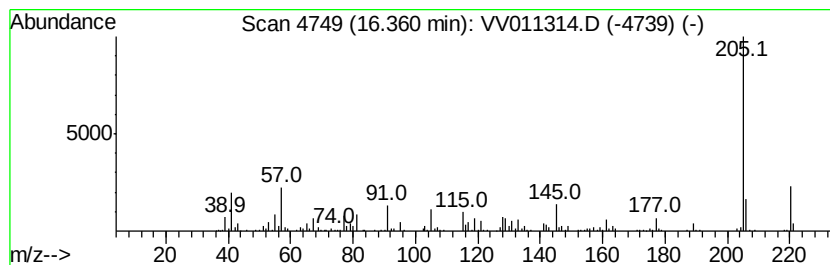
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Peak Number 4 Butylated Hydroxytoluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.36	2.52 ug/L	207012	1,4-Dichlorobenzene-d4	11.29		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated	Hydroxytoluene	220	C15H24O	000128-37-0	98
2	Butylated	Hydroxytoluene	220	C15H24O	000128-37-0	95
3	Butylated	Hydroxytoluene	220	C15H24O	000128-37-0	94
4	Butylated	Hydroxytoluene	220	C15H24O	000128-37-0	94
5	Phenol, 2,4,6-tris(1-methylethyl)-		220	C15H24O	002934-07-8	91



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.22	33.2	ug/L	2734120	1	5.66	411578	5.0
2,5-Cyclohexadien...	16.23	0.6	ug/L	47073	3	11.29	410376	5.0
Butylated Hydroxy...	16.36	2.5	ug/L	207012	3	11.29	410376	5.0