

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011316.D
 Acq On : 08 Jun 2019 05:47
 Operator : SY/MD
 Sample : K3228-18
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P62

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	1.219	31	40	63	rBV	2085383	4150452	100.00%	43.903%
2	1.576	146	151	161	rVB	65743	77070	1.86%	0.815%
3	2.119	311	320	332	rVB	134574	190376	4.59%	2.014%
4	2.309	370	379	388	rBV	169019	278697	6.71%	2.948%
5	3.971	878	896	935	rBV2	52032	235588	5.68%	2.492%
6	4.396	1010	1028	1047	rBV	92288	227985	5.49%	2.412%
7	5.090	1224	1244	1268	rBV2	230378	544255	13.11%	5.757%
8	5.659	1408	1421	1442	rBV	204767	410340	9.89%	4.341%
9	6.116	1541	1563	1583	rBV	128920	268992	6.48%	2.845%
10	7.029	1834	1847	1860	rBV	50337	90719	2.19%	0.960%
11	7.357	1936	1949	1963	rBV	249119	434862	10.48%	4.600%
12	7.662	2033	2044	2058	rBV	28899	50703	1.22%	0.536%
13	8.138	2179	2192	2225	rBV	305524	590075	14.22%	6.242%
14	8.894	2414	2427	2445	rBV	301054	488933	11.78%	5.172%
15	10.260	2841	2852	2866	rBV2	92196	145359	3.50%	1.538%
16	11.293	3161	3173	3193	rVB	268815	421333	10.15%	4.457%
17	11.669	3278	3290	3310	rVB	225487	365377	8.80%	3.865%
18	16.234	4699	4710	4731	rBV4	70606	142688	3.44%	1.509%
19	16.360	4739	4749	4763	rVB	231508	339843	8.19%	3.595%

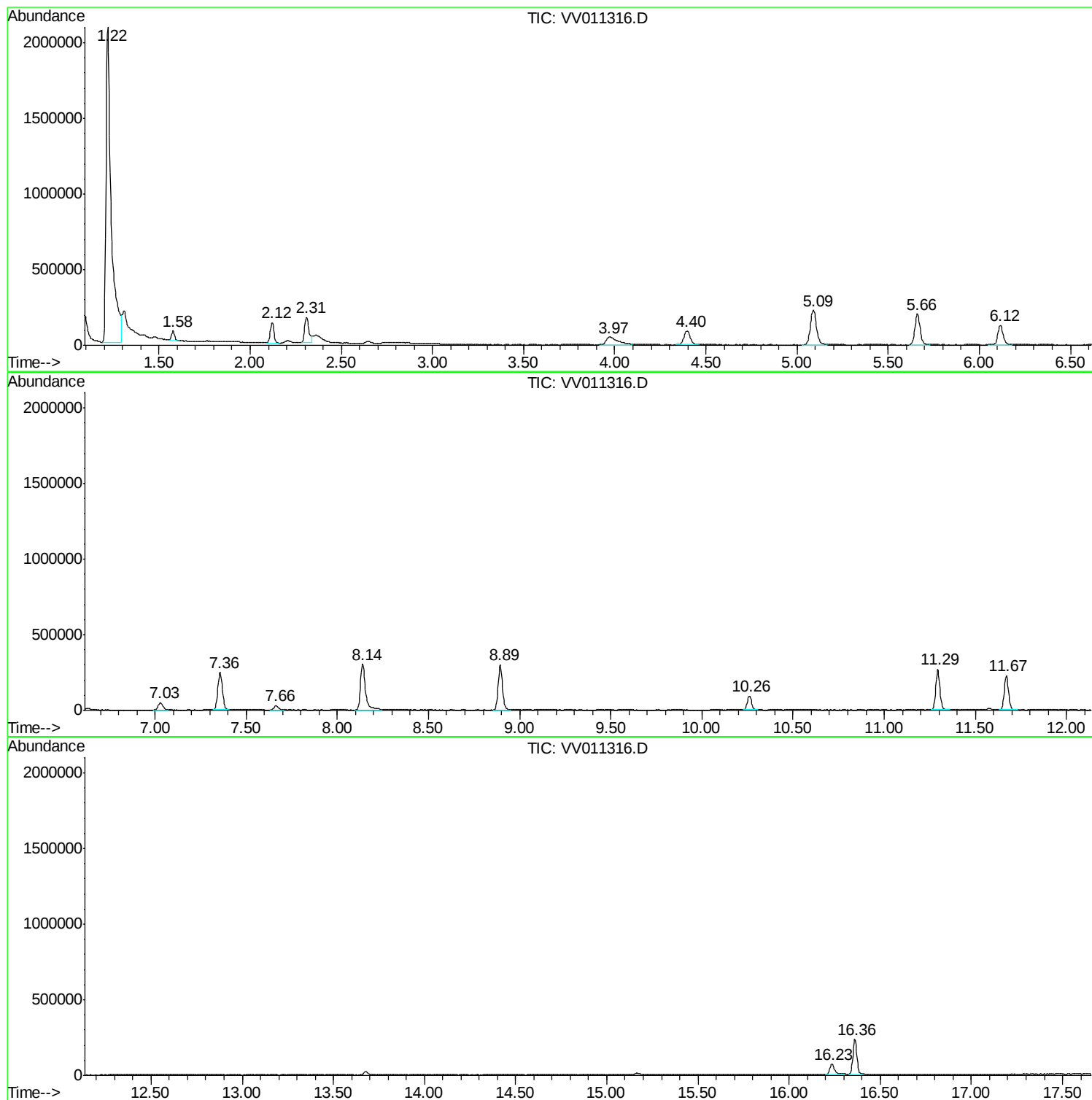
Sum of corrected areas: 9453647

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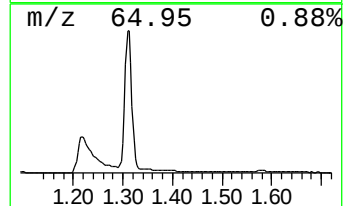
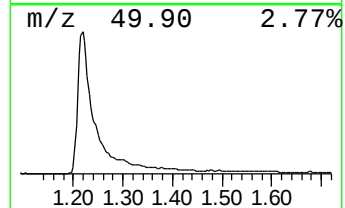
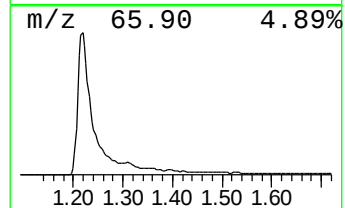
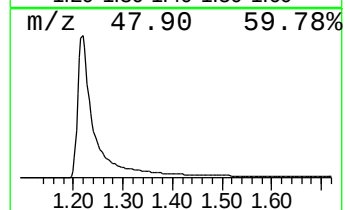
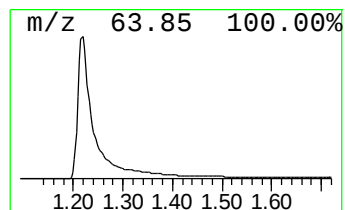
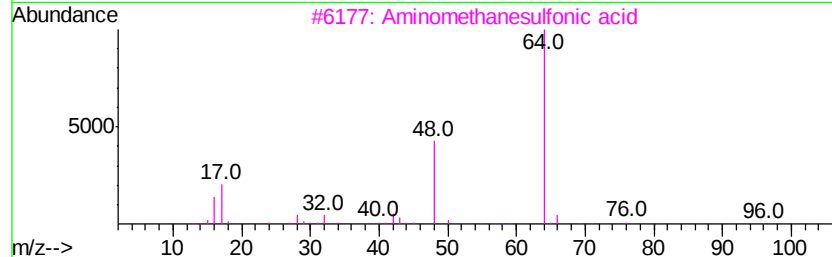
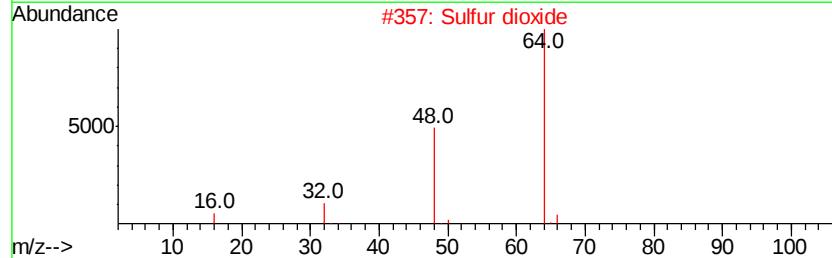
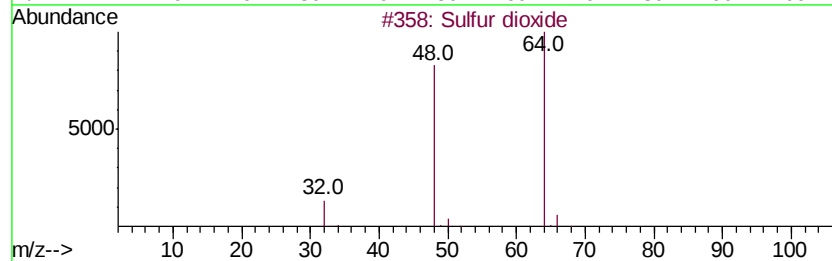
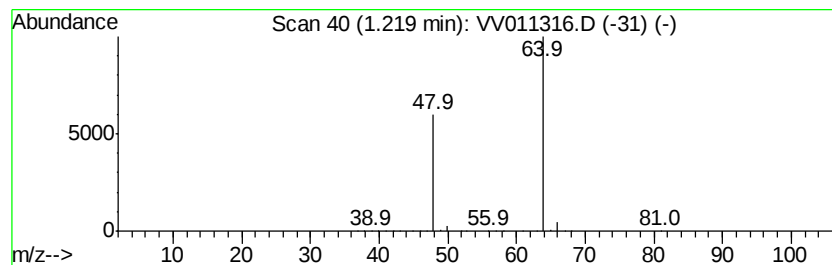
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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	50.57 ug/L	4150450	1,4-Difluorobenzene	5.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	L-Alanine, 3-sulfo-		169	C3H7NO5S	000498-40-8	9
5	Aminomethanesulfonic acid		111	CH5NO3S	013881-91-9	9



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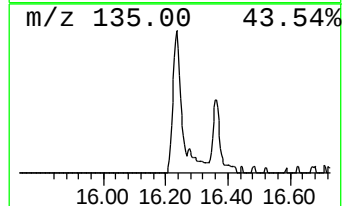
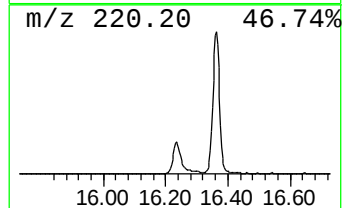
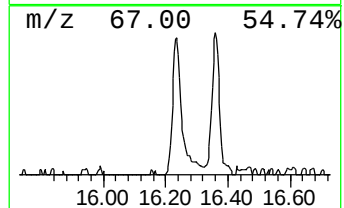
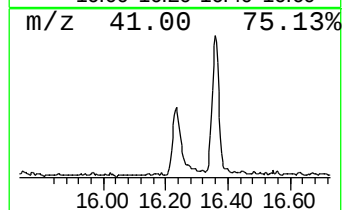
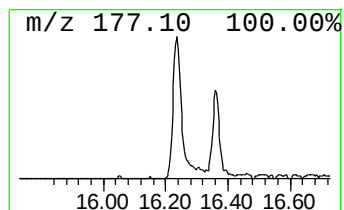
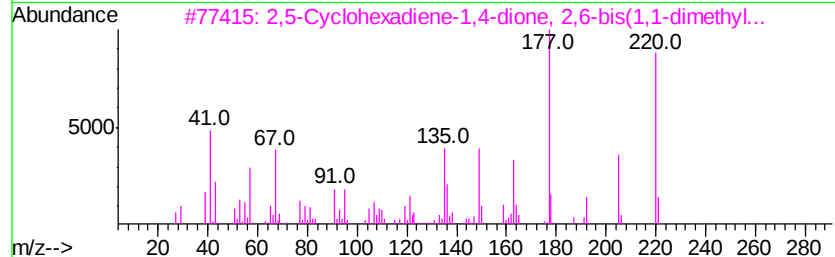
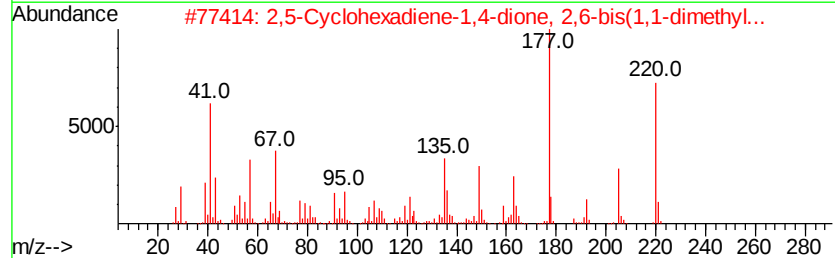
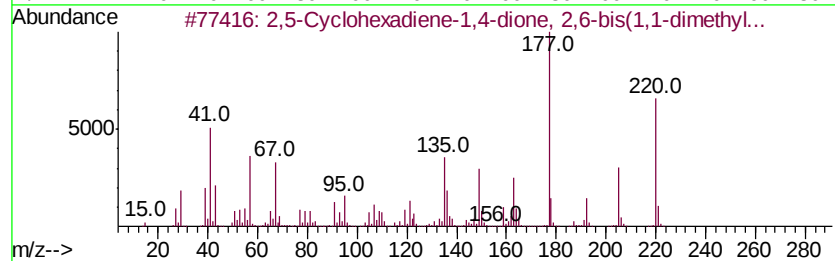
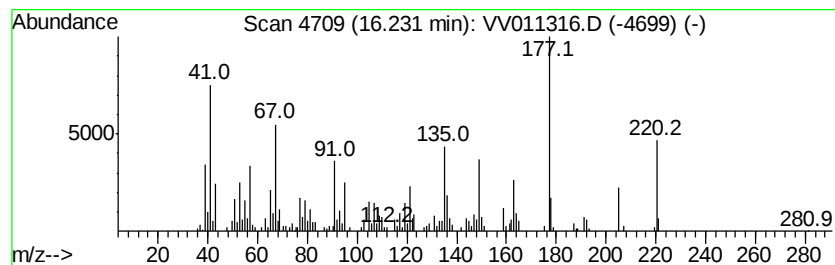
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Peak Number 3 2,5-Cyclohexadiene-1,4-dione... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	1.69 ug/L	142688	1,4-Dichlorobenzene-d4	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	96		
2	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	95		
3	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	94		
4	2H-1-Benzopyran, 3,5,6,8a-tetra...	192	C13H20O	041678-29-9	47		
5	Calarene epoxide	220	C15H24O	1000151-46-0	38		



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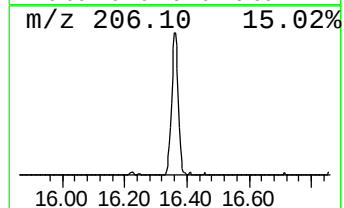
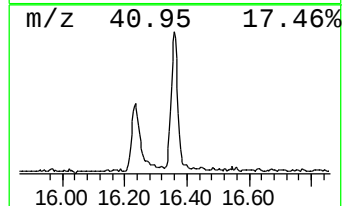
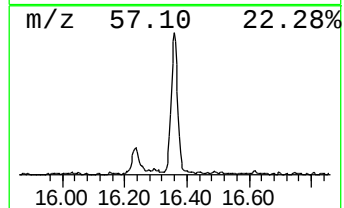
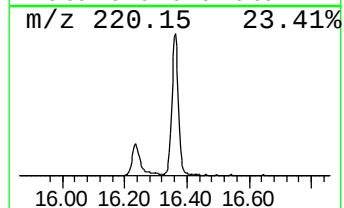
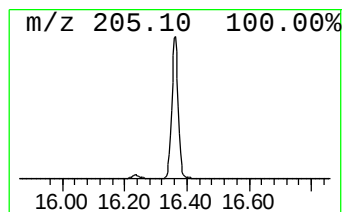
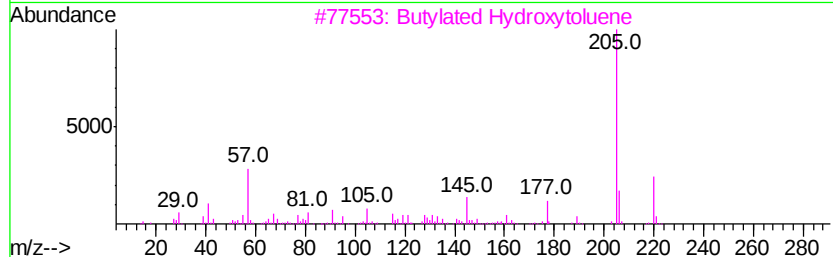
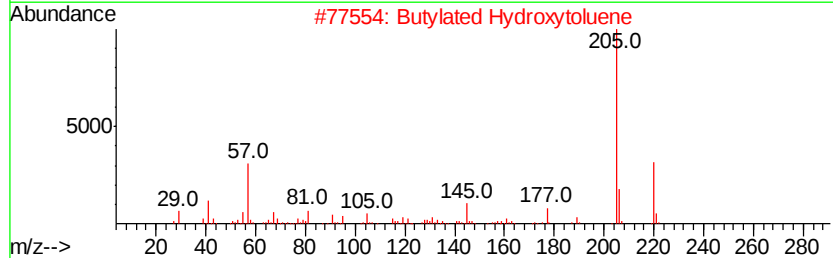
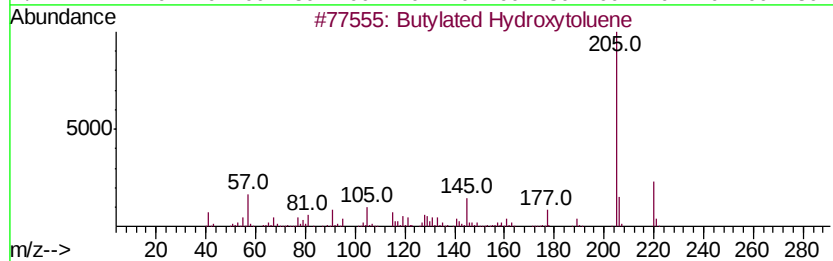
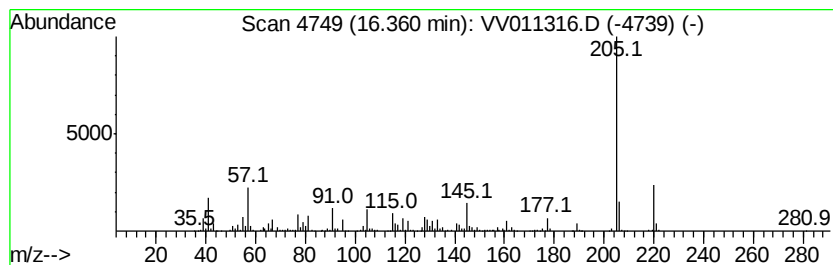
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Peak Number 4 Butylated Hydroxytoluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	4.03 ug/L	339843	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
2		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
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	87



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.22	50.6	ug/L	4150450	1	5.66	410340	5.0
2,5-Cyclohexadien...	16.23	1.7	ug/L	142688	3	11.29	421333	5.0
Butylated Hydroxy...	16.36	4.0	ug/L	339843	3	11.29	421333	5.0