

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057117.D
 Acq On : 21 Dec 2023 02:12
 Operator : MD/SY
 Sample : 05892-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7B01

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\SFAMUTR121123WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU057117.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.358	15	21	23	rBV	21103	21720	1.54%	0.308%
2	1.473	48	57	85	rBV	384499	1414484	100.00%	20.036%
3	1.592	91	94	102	rVB	76641	80961	5.72%	1.147%
4	1.911	188	193	206	rVB	69968	96486	6.82%	1.367%
5	2.563	383	396	418	rVB3	148639	282556	19.98%	4.002%
6	4.663	1035	1049	1075	rBV2	31630	135604	9.59%	1.921%
7	5.055	1155	1171	1196	rBV	127370	286124	20.23%	4.053%
8	5.721	1358	1378	1410	rBV2	236699	615245	43.50%	8.715%
9	6.245	1524	1541	1567	rBV	220557	434578	30.72%	6.156%
10	6.685	1664	1678	1696	rBV2	139536	281777	19.92%	3.991%
11	7.164	1815	1827	1840	rBV3	8048	17018	1.20%	0.241%
12	7.563	1937	1951	1974	rBV	66918	122031	8.63%	1.729%
13	7.894	2041	2054	2071	rBV	271442	489109	34.58%	6.928%
14	8.177	2131	2142	2155	rBV2	39804	70798	5.01%	1.003%
15	8.338	2179	2192	2202	rBV3	14653	28051	1.98%	0.397%
16	8.634	2274	2284	2324	rVV2	238317	571352	40.39%	8.093%
17	9.415	2514	2527	2551	rBV	312394	550016	38.88%	7.791%
18	10.081	2719	2734	2747	rBV	33956	61119	4.32%	0.866%
19	10.753	2932	2943	2957	rBV	106464	180390	12.75%	2.555%
20	11.692	3228	3235	3242	rBV9	8751	14465	1.02%	0.205%
21	11.740	3242	3250	3260	rVV7	21221	36657	2.59%	0.519%
22	11.807	3260	3271	3291	rVV	329905	543860	38.45%	7.704%
23	12.068	3342	3352	3371	rVV	7450	19914	1.41%	0.282%
24	12.190	3371	3390	3415	rVB	293125	513660	36.31%	7.276%
25	12.974	3626	3634	3646	rVB7	15530	22710	1.61%	0.322%
26	14.190	4004	4012	4022	rVB5	16511	23694	1.68%	0.336%
27	15.685	4468	4477	4486	rBV6	17046	25592	1.81%	0.363%
28	16.762	4798	4812	4830	rVB5	24387	43799	3.10%	0.620%
29	16.881	4839	4849	4862	rVB3	51212	75940	5.37%	1.076%

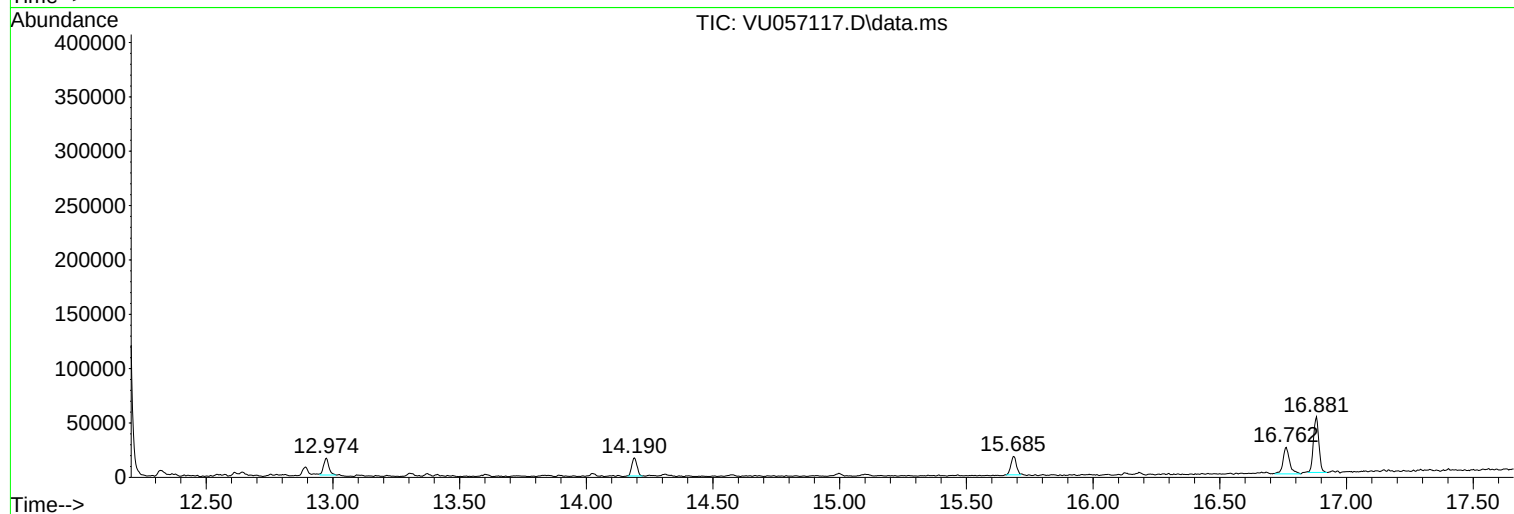
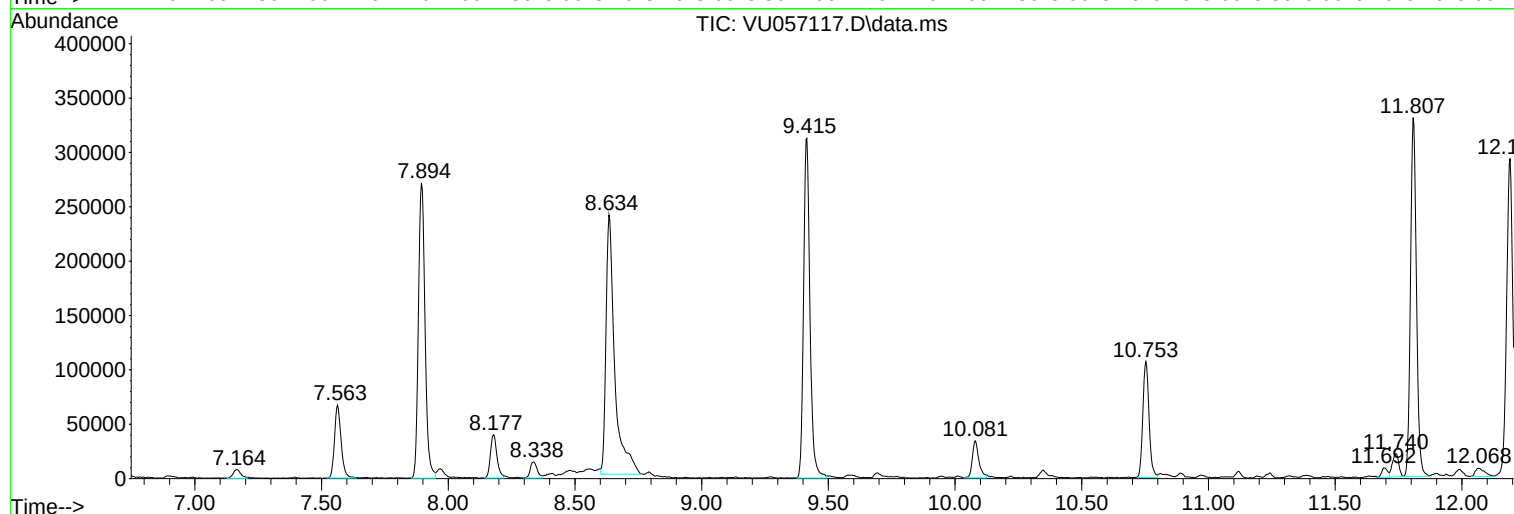
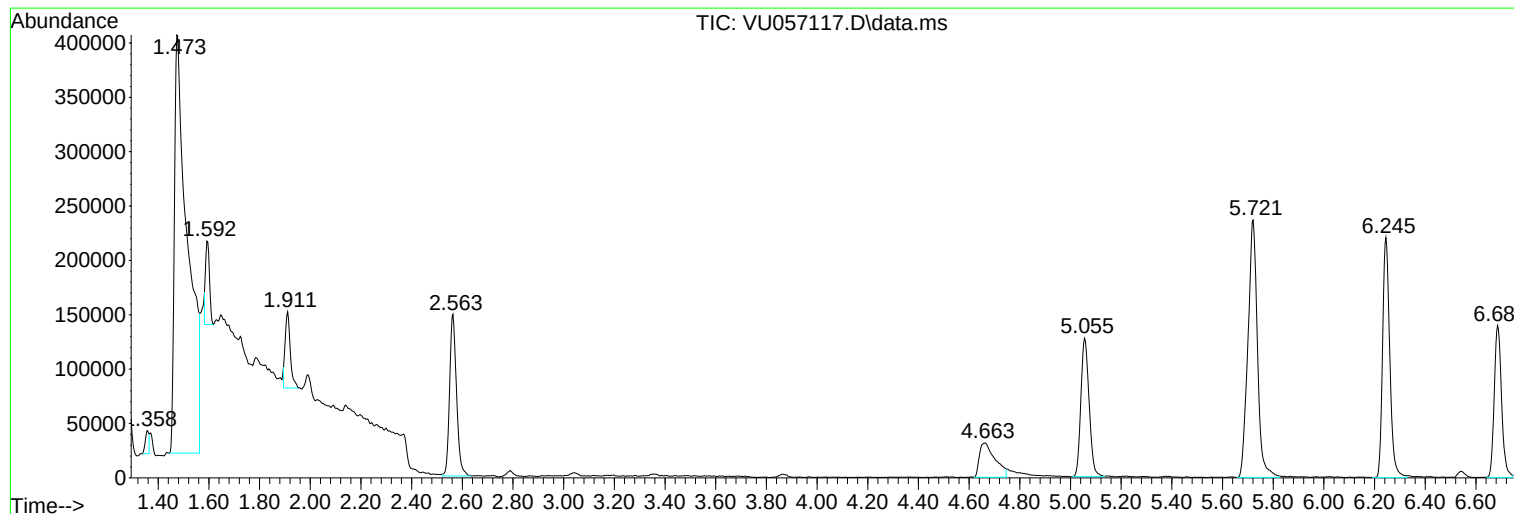
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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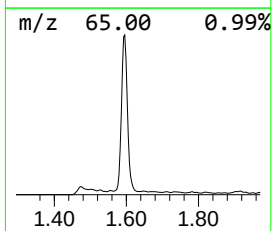
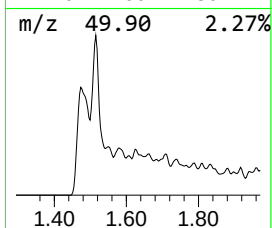
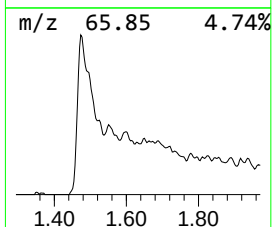
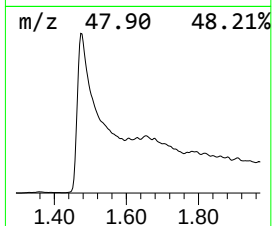
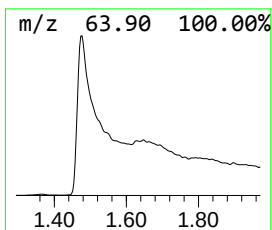
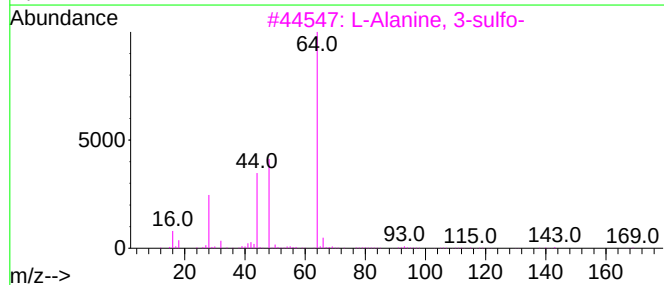
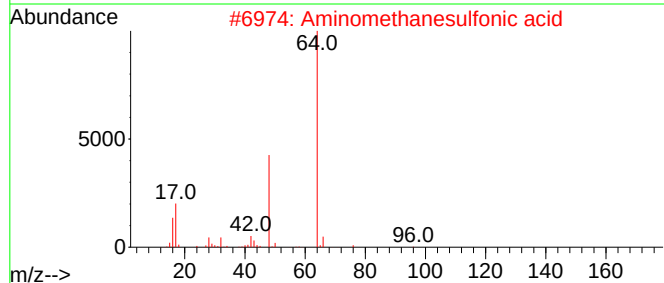
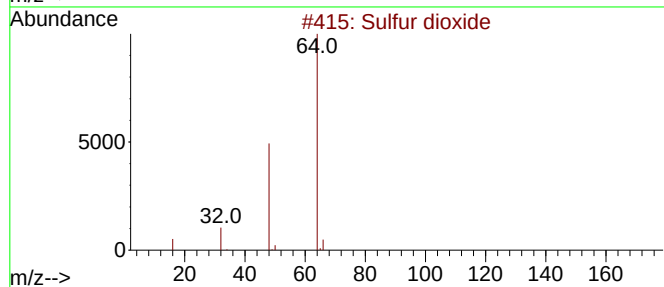
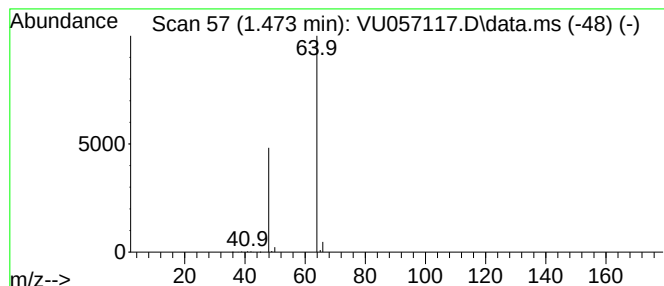
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.473	16.27 ug/L	1414480	1,4-Difluorobenzene	6.245

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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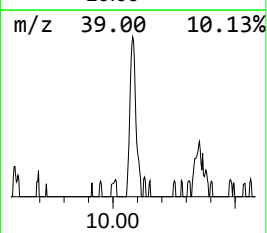
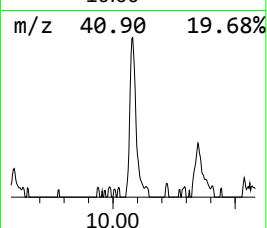
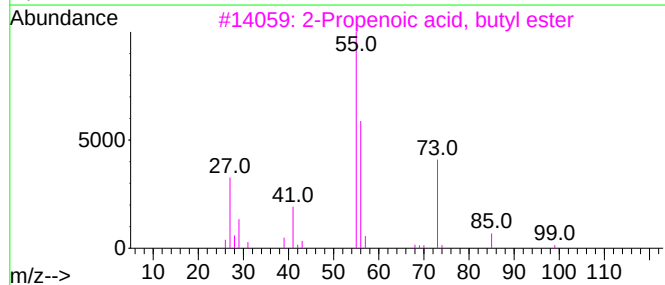
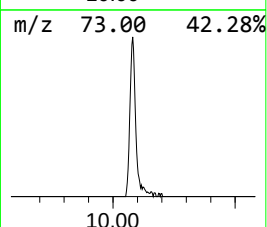
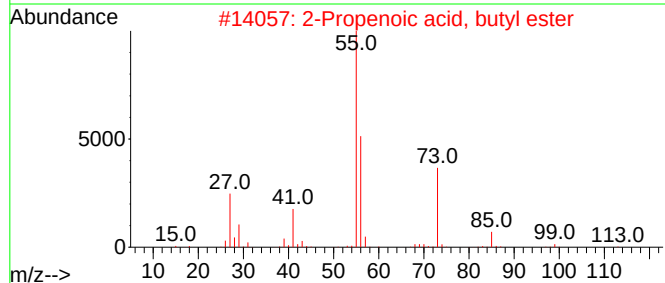
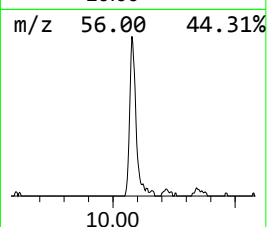
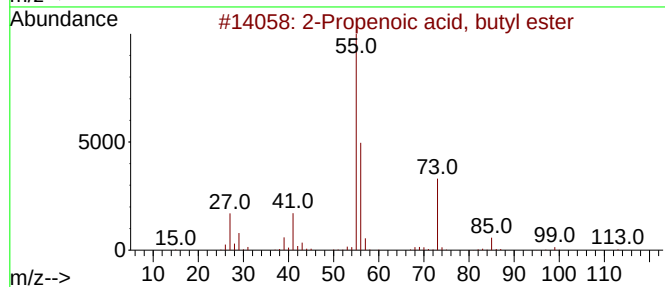
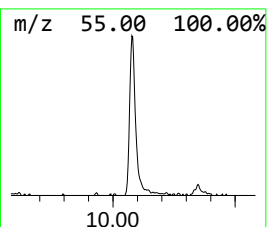
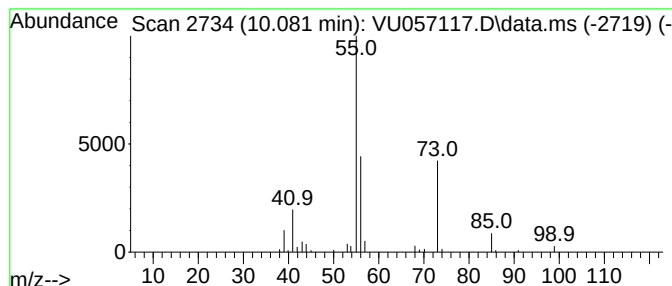
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Propenoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.081	0.56 ug/L	61119	Chlorobenzene-d5	9.415

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propenoic acid, butyl ester	128	C7H12O2	000141-32-2	83
2			2-Propenoic acid, butyl ester	128	C7H12O2	000141-32-2	78
3			2-Propenoic acid, butyl ester	128	C7H12O2	000141-32-2	72
4			Isobutyl acrylate	128	C7H12O2	000106-63-8	56
5			Isobutyl acrylate	128	C7H12O2	000106-63-8	50



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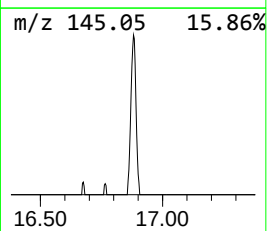
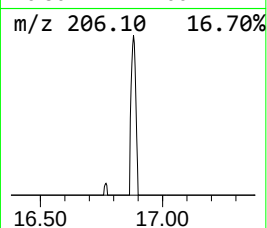
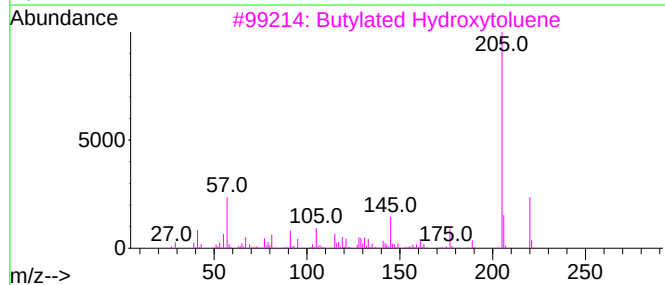
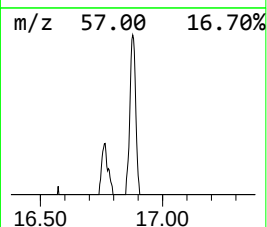
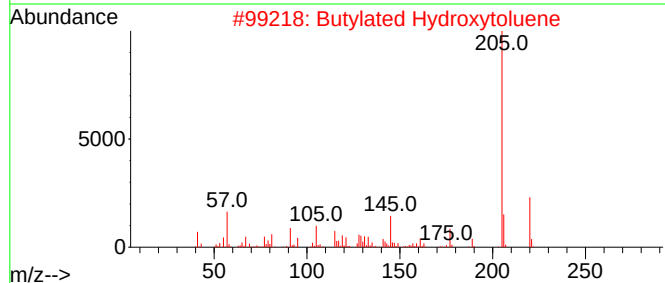
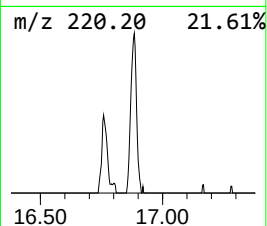
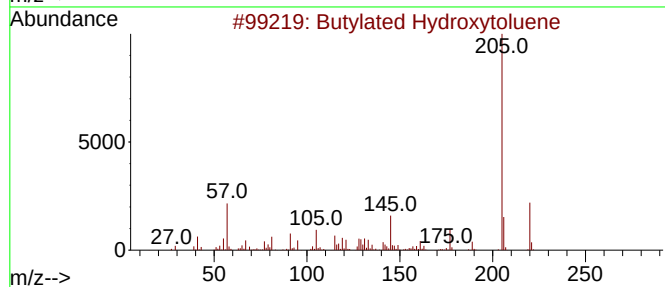
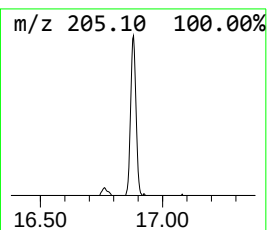
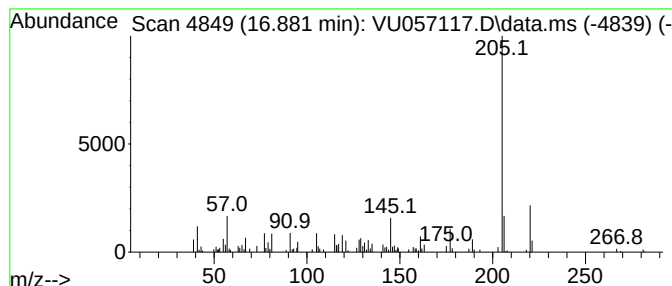
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butylated Hydroxytoluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.881	0.70 ug/L	75940	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
3			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
4			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96
5			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96



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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.473	16.3	ug/L	1414480	1	6.245	434578	5.0
2-Propenoic aci...	10.081	0.6	ug/L	61119	2	9.415	550016	5.0
Butylated Hydro...	16.881	0.7	ug/L	75940	3	11.807	543860	5.0