

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071818\
 Data File : VV006634.D
 Acq On : 18 Jul 2018 17:36
 Operator : SY/MD
 Sample : J3983-10DL 4X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB180DL

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\SOMVTR071718WMA.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	1.029	26	43	59	rBV	1939818	2432458	100.00%	21.150%
2	1.093	59	63	73	rVV	59287	77694	3.19%	0.676%
3	1.276	109	120	123	rBV	67192	135172	5.56%	1.175%
4	1.321	128	134	163	rVB2	427166	657389	27.03%	5.716%
5	1.479	180	183	208	rVB2	78087	119536	4.91%	1.039%
6	1.585	210	216	245	rVB	113802	161153	6.63%	1.401%
7	2.054	354	362	376	rVB	109642	148515	6.11%	1.291%
8	2.131	377	386	397	rVB	246189	336807	13.85%	2.929%
9	2.231	411	417	428	rVB	41113	61037	2.51%	0.531%
10	2.791	581	591	612	rVB	241749	402919	16.56%	3.503%
11	3.971	941	958	1005	rBV	133945	429074	17.64%	3.731%
12	4.408	1076	1094	1117	rBV	161151	381107	15.67%	3.314%
13	5.099	1289	1309	1332	rBV2	407197	915713	37.65%	7.962%
14	5.668	1470	1486	1505	rBV	290364	565290	23.24%	4.915%
15	6.125	1613	1628	1648	rBV2	221406	435051	17.89%	3.783%
16	7.035	1899	1911	1934	rBV	106981	185260	7.62%	1.611%
17	7.363	2000	2013	2029	rBV	455430	777836	31.98%	6.763%
18	7.668	2098	2108	2124	rVB	61579	101657	4.18%	0.884%
19	8.144	2241	2256	2293	rBV	522100	892546	36.69%	7.761%
20	8.900	2478	2491	2513	rBV	406892	662050	27.22%	5.757%
21	10.269	2904	2917	2931	rBV	158218	247542	10.18%	2.152%
22	11.298	3225	3237	3252	rBV	397668	616843	25.36%	5.363%
23	11.678	3342	3355	3376	rVB	417825	652445	26.82%	5.673%
24	16.372	4805	4815	4826	rBV	69784	105742	4.35%	0.919%

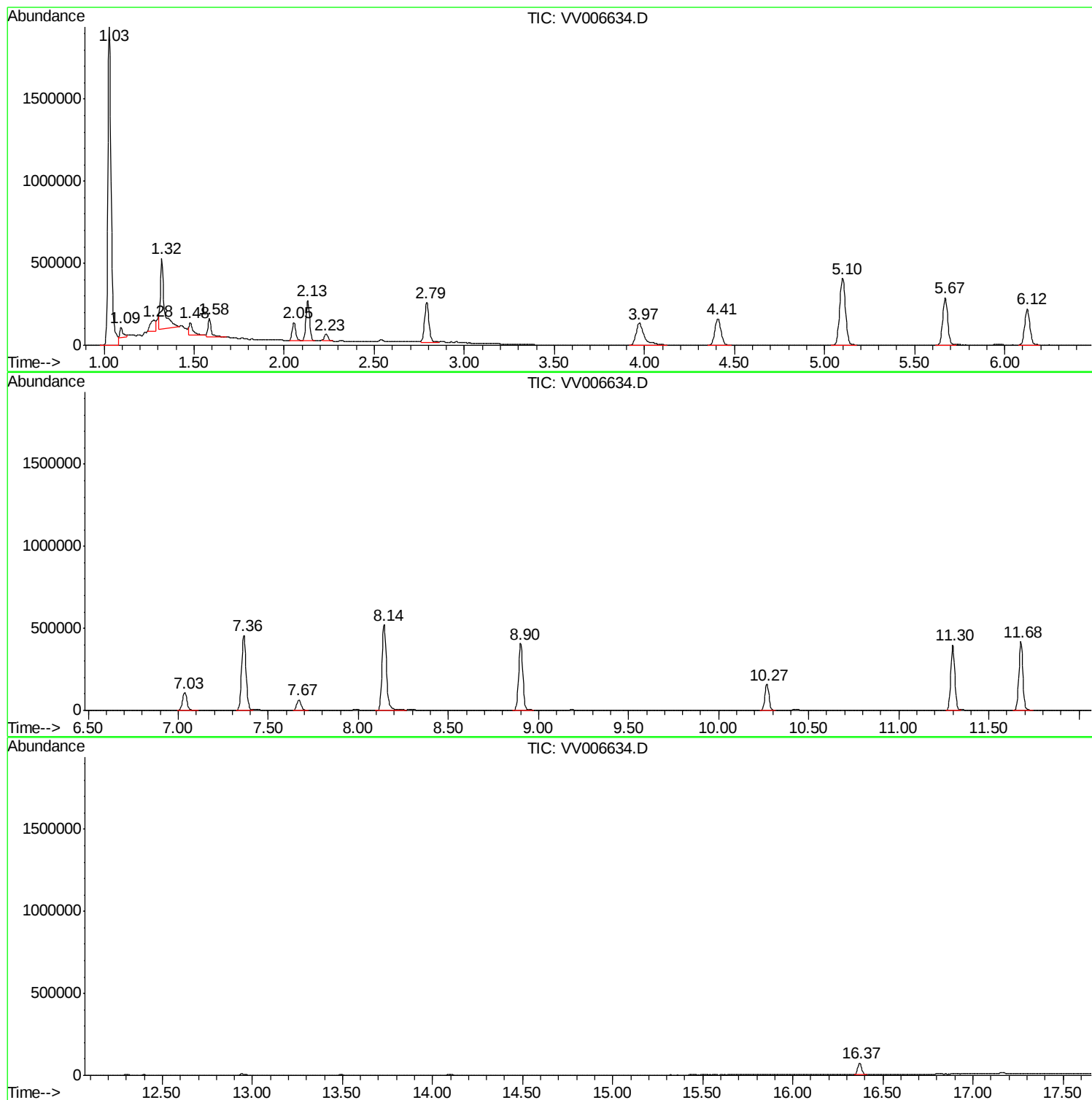
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TIC Library : C:\DATABASE\NIST11.L
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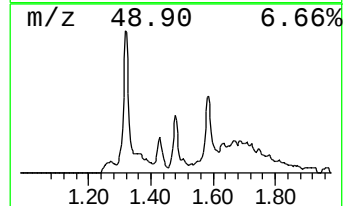
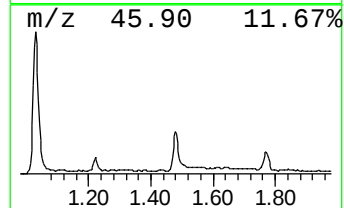
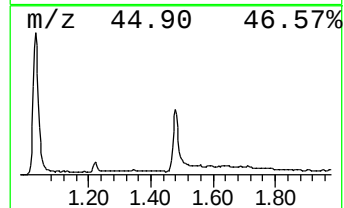
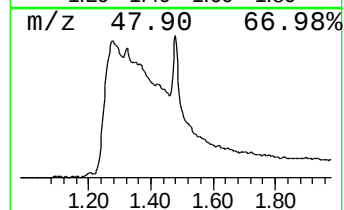
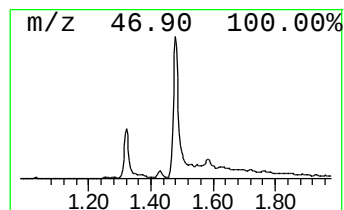
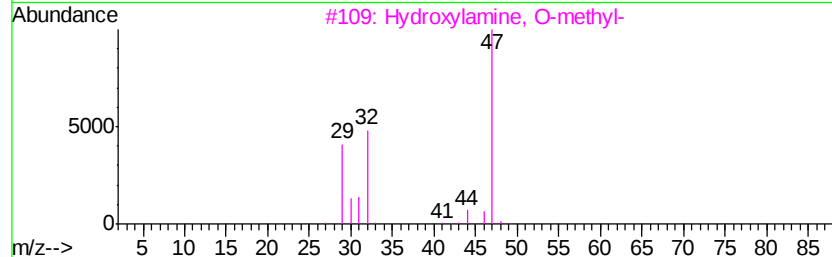
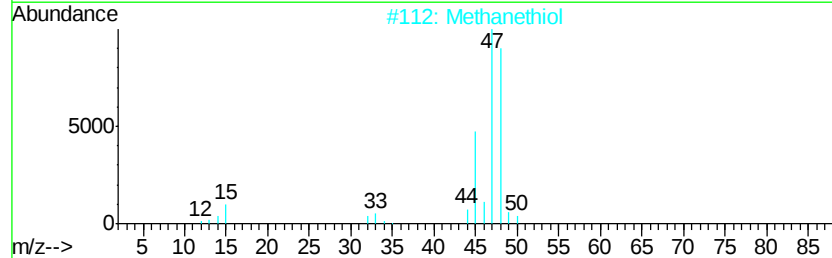
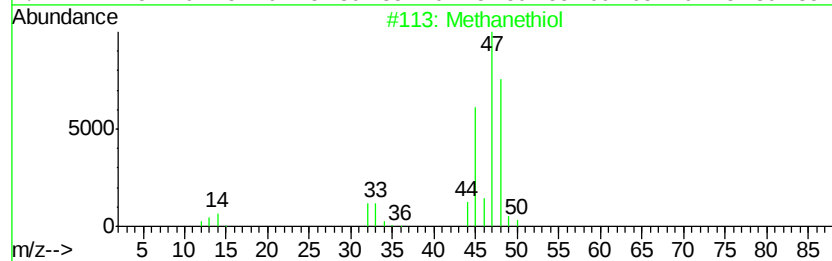
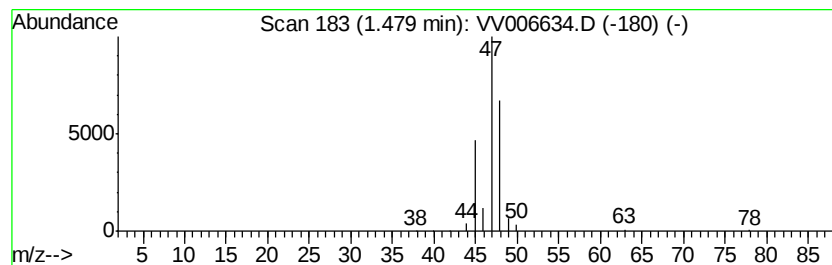
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Methanethiol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	1.06 ug/L	119536	1,4-Difluorobenzene	5.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methanethiol	48	CH4S	000074-93-1	90
2		Methanethiol	48	CH4S	000074-93-1	50
3		Hvdroxylamine, O-methyl-	47	CH5NO	000067-62-9	4
4		Hvdroxylamine, O-methyl-	47	CH5NO	000067-62-9	4
5		Ethane, fluoro-	48	C2H5F	000353-36-6	4



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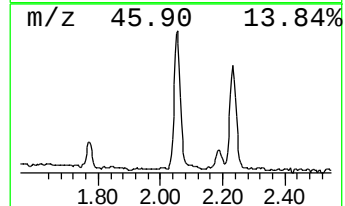
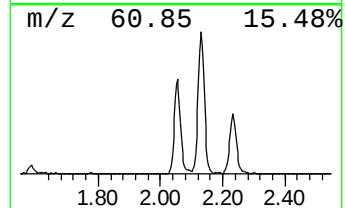
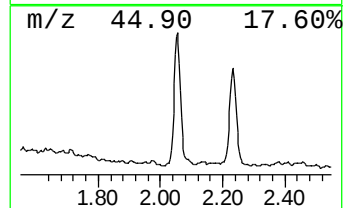
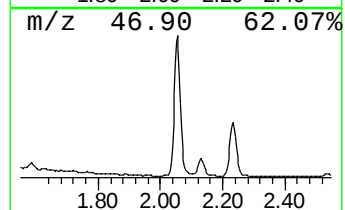
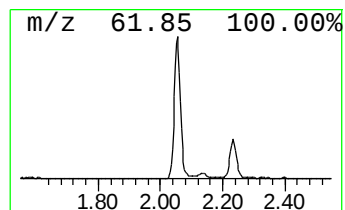
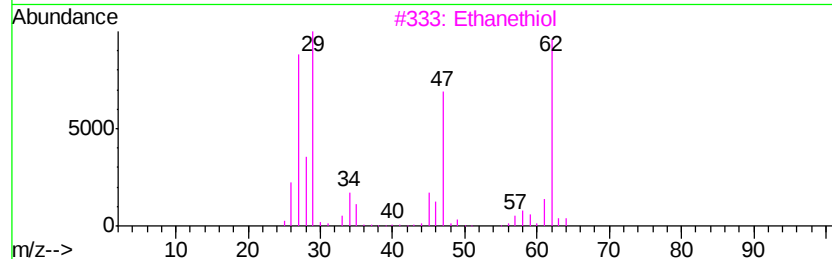
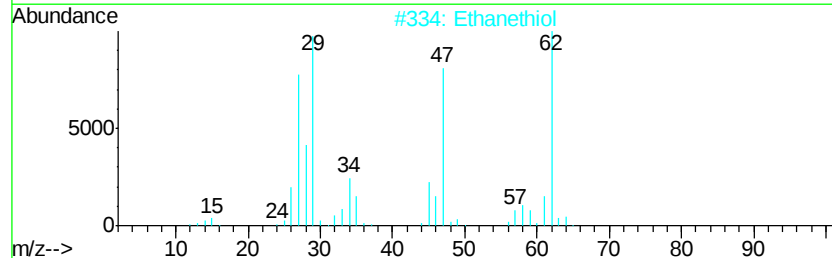
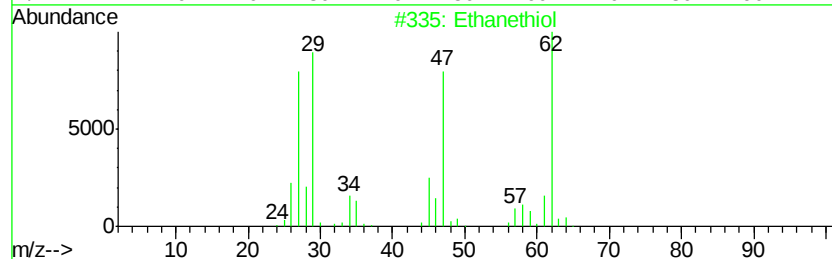
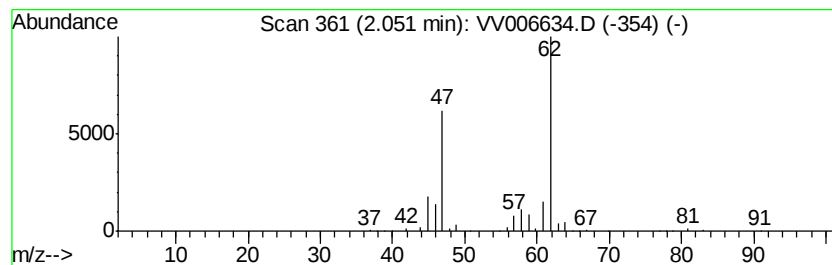
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Ethanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.05	1.31 ug/L	148515	1,4-Difluorobenzene	5.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethiol		62	C2H6S	000075-08-1	91
2	Ethanethiol		62	C2H6S	000075-08-1	91
3	Ethanethiol		62	C2H6S	000075-08-1	91
4	Ethanethiol		62	C2H6S	000075-08-1	91
5	Ethanethiol		62	C2H6S	000075-08-1	90



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Instrument :
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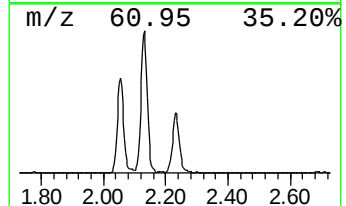
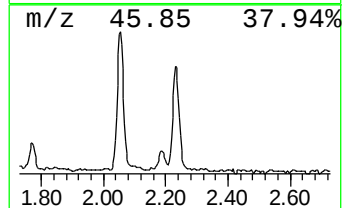
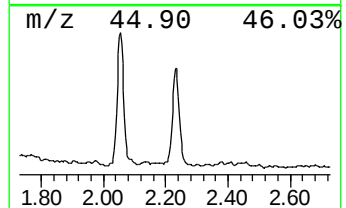
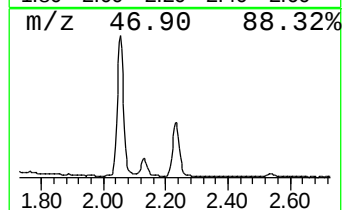
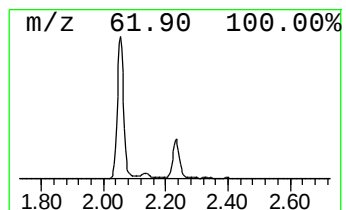
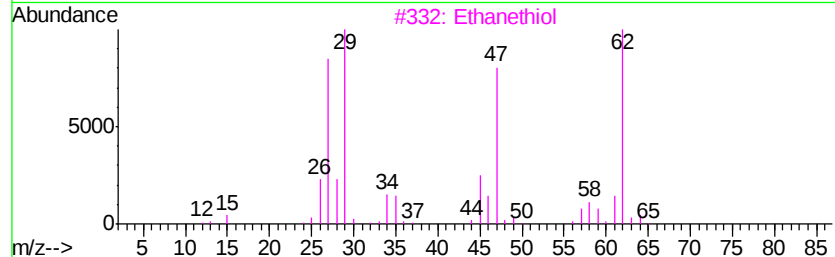
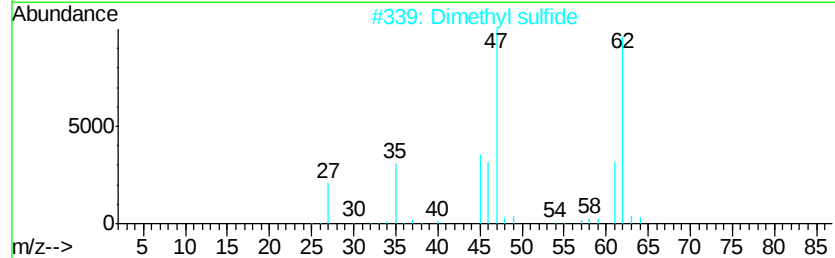
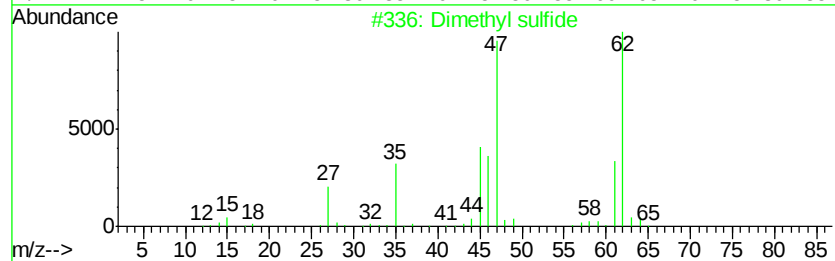
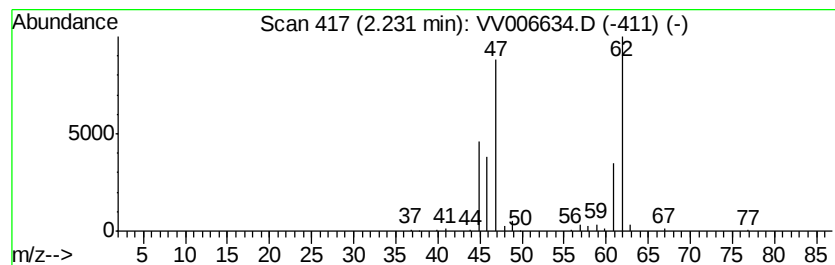
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Peak Number 5 Dimethyl sulfide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	0.54 ug/L	61037	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	91
2		Dimethyl sulfide	62	C2H6S	000075-18-3	91
3		Ethanethiol	62	C2H6S	000075-08-1	86
4		Ethanethiol	62	C2H6S	000075-08-1	86
5		Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	83



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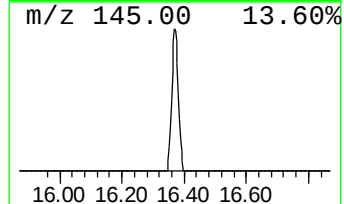
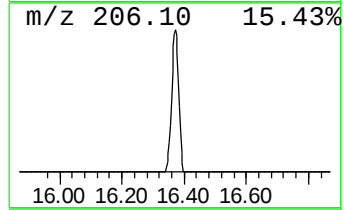
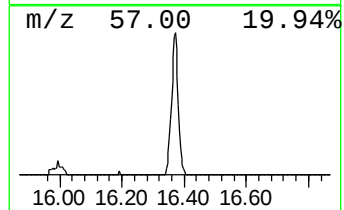
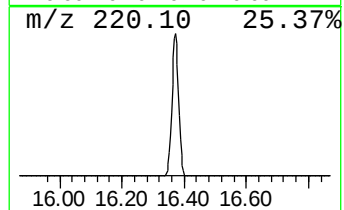
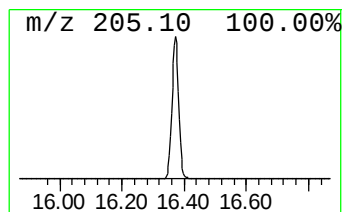
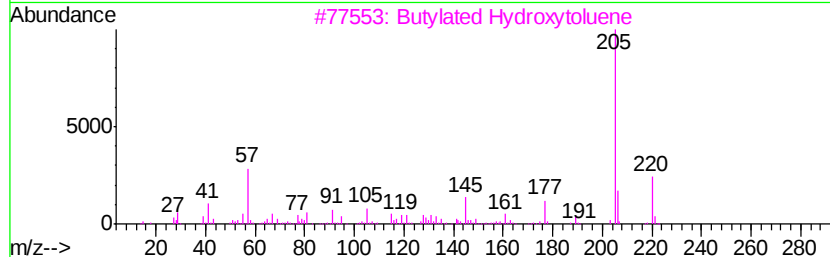
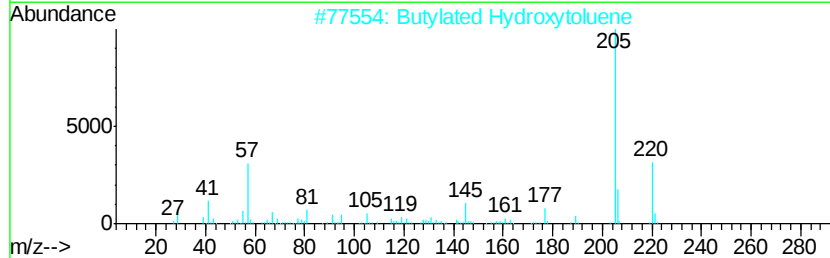
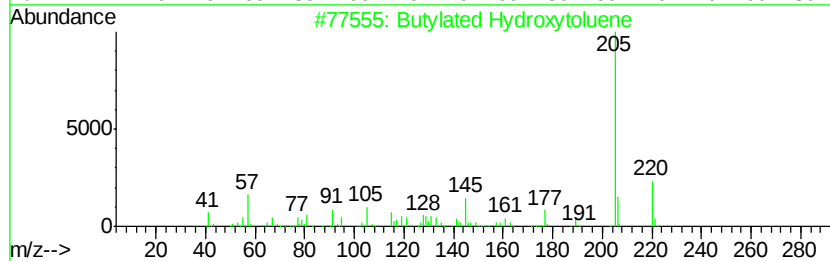
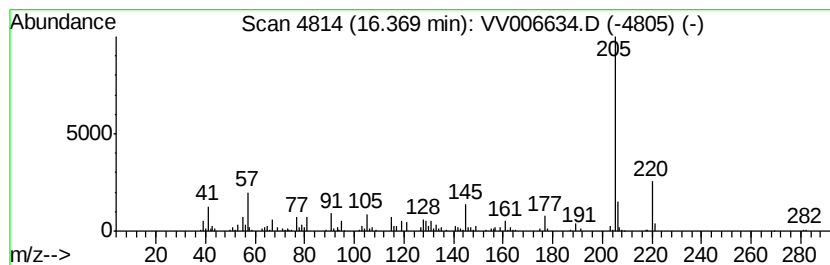
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Peak Number 7 Butylated Hydroxytoluene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	0.86 ug/L	105742	1,4-Dichlorobenzene-d4	11.30

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	98
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 Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methanethiol	1.48	1.1	ug/L	119536	1	5.67	565290	5.0
Ethanethiol	2.05	1.3	ug/L	148515	1	5.67	565290	5.0
Dimethyl sulfide	2.23	0.5	ug/L	61037	1	5.67	565290	5.0
Butylated Hydroxy...	16.37	0.9	ug/L	105742	3	11.30	616843	5.0