

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082118\
 Data File : VD059857.D
 Acq On : 21 Aug 2018 15:54
 Operator : JC/SY
 Sample : J4569-02
 Misc : 10.27g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-037

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 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_D\METHOD\82D082018S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.207	96	100	124	rVB	600494	2550853	55.54%	17.990%
2	1.620	136	142	149	rVB	26817	66325	1.44%	0.468%
3	2.231	198	204	233	rBV	888200	3618825	78.79%	25.522%
4	2.900	268	272	277	rVB	24669	55176	1.20%	0.389%
5	4.878	468	473	489	rVB	275365	793432	17.27%	5.596%
6	5.508	532	537	543	rBV2	29079	77477	1.69%	0.546%
7	5.980	580	585	595	rBV3	35347	99293	2.16%	0.700%
8	6.659	649	654	661	rBV	31980	73348	1.60%	0.517%
9	6.944	678	683	695	rBV	327511	853030	18.57%	6.016%
10	7.761	760	766	780	rVB	336659	788587	17.17%	5.561%
11	8.666	854	858	862	rBV	35855	83091	1.81%	0.586%
12	9.444	931	937	944	rBV	99060	312739	6.81%	2.206%
13	9.621	949	955	972	rVB	2146543	4593050	100.00%	32.392%
14	10.664	1057	1061	1065	rBV	29739	54445	1.19%	0.384%
15	12.081	1201	1205	1212	rVB	44640	102062	2.22%	0.720%
16	12.544	1248	1252	1256	rBV	39695	57747	1.26%	0.407%

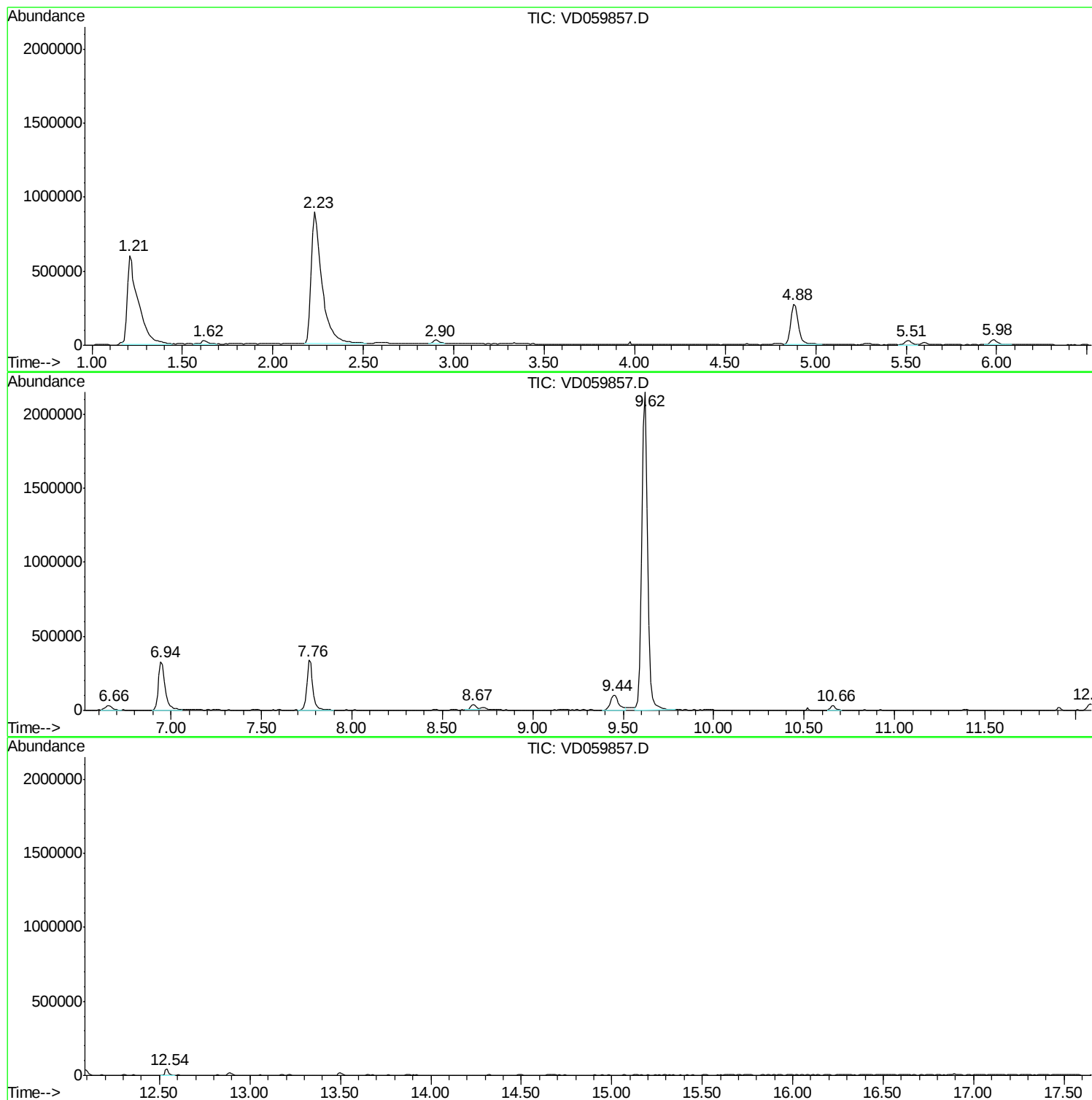
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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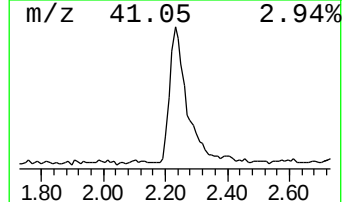
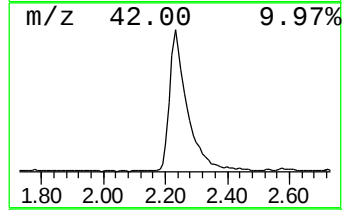
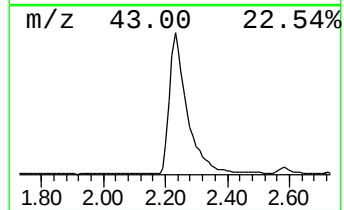
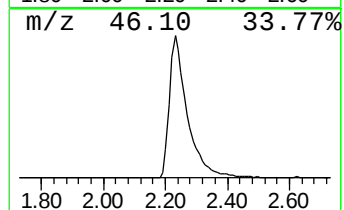
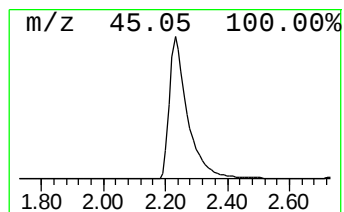
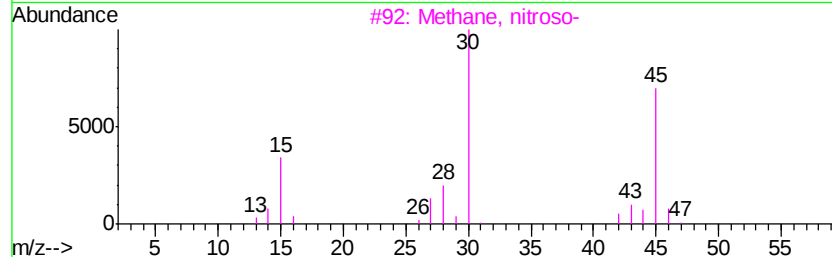
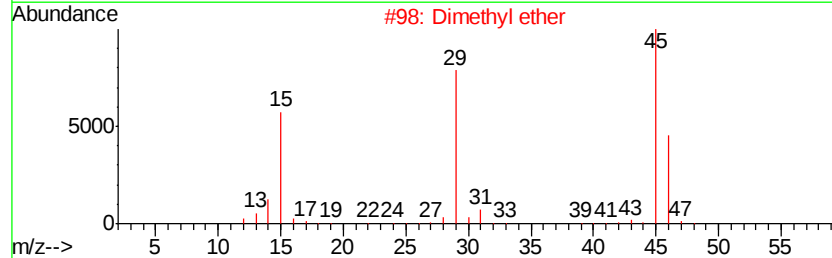
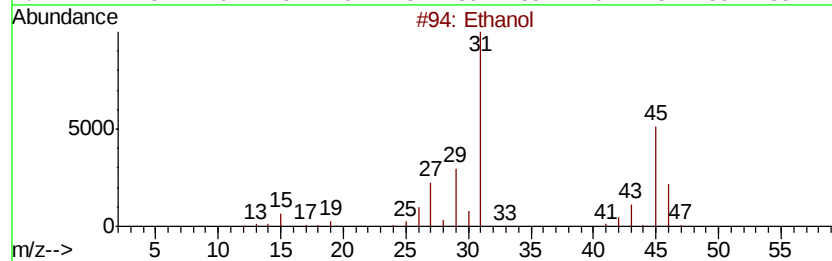
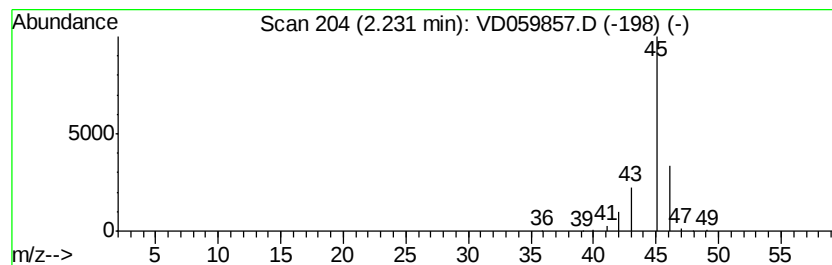
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	2335.42 ug/l	3618830	Pentafluorobenzene	5.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol	46	C2H6O	000064-17-5	74
2		Dimethyl ether	46	C2H6O	000115-10-6	9
3		Methane, nitroso-	45	CH3NO	000865-40-7	4
4		Formic acid	46	CH2O2	000064-18-6	4
5		Formamide	45	CH3NO	000075-12-7	2



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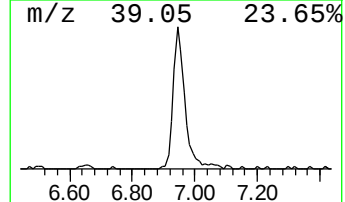
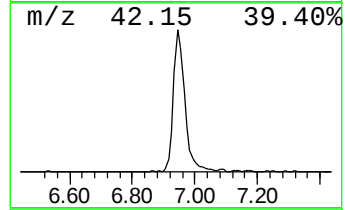
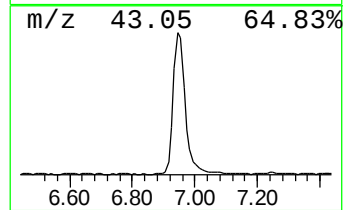
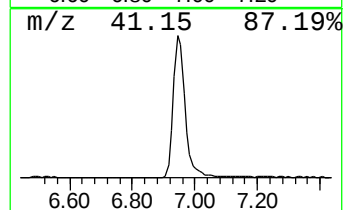
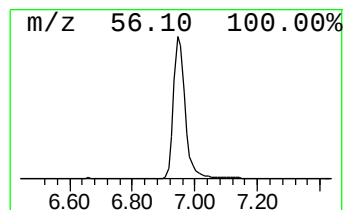
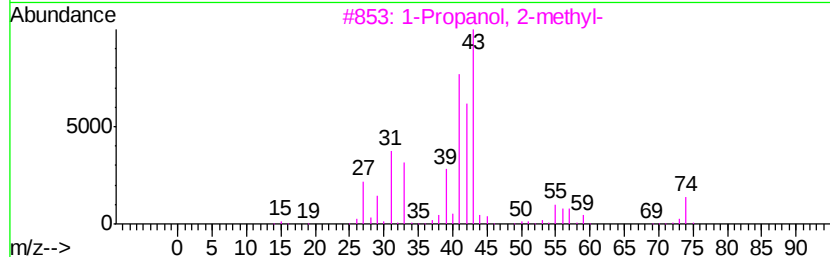
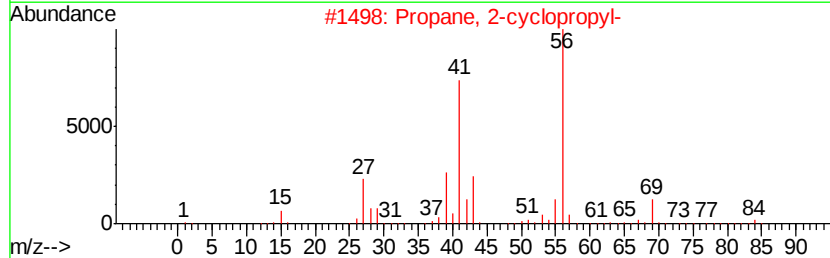
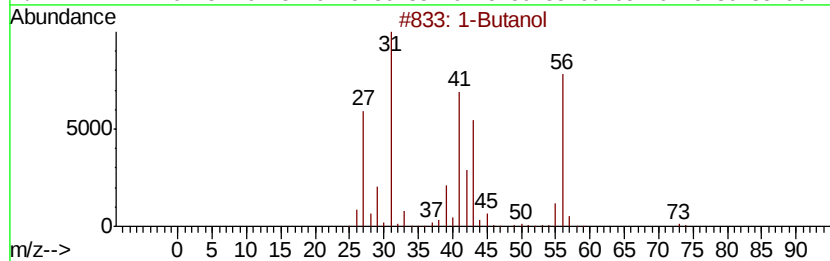
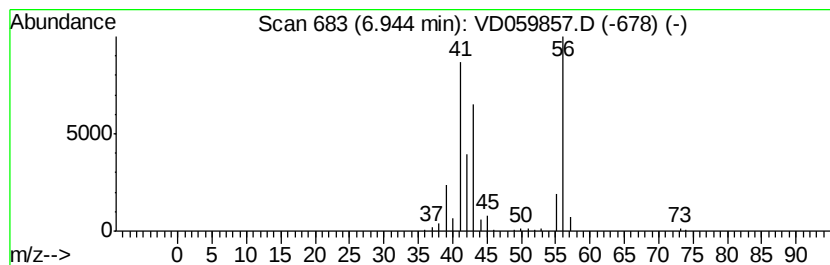
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TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Butanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	581.50 ug/l	853030	1,4-Difluorobenzene	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butanol	74	C4H10O	000071-36-3	86
2		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	36
3		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4		2-Butene, (Z)-	56	C4H8	000590-18-1	9
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	9



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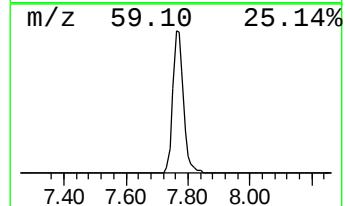
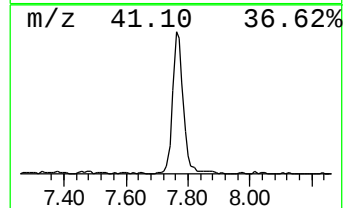
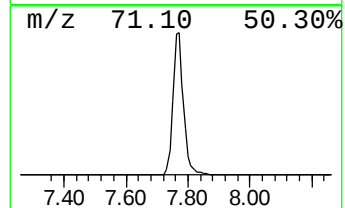
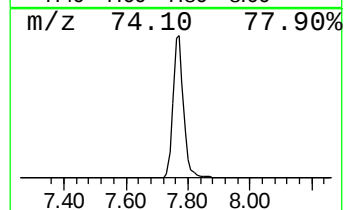
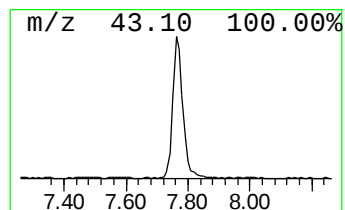
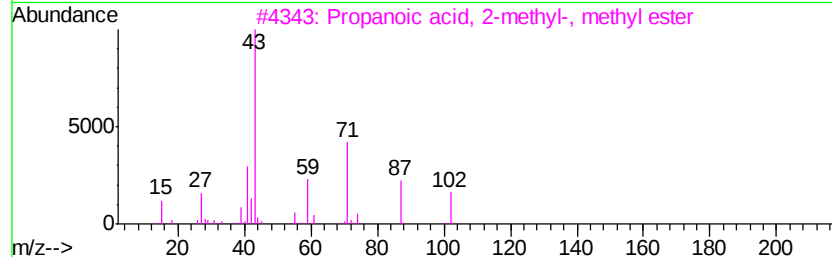
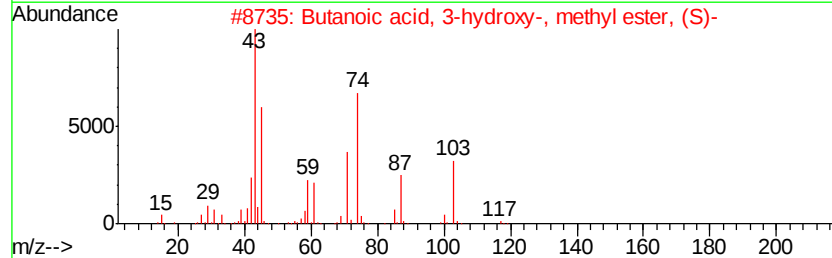
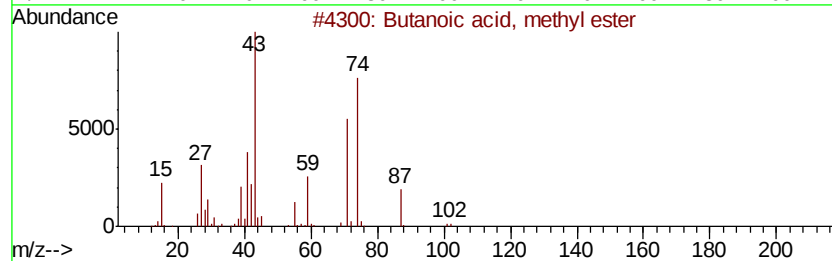
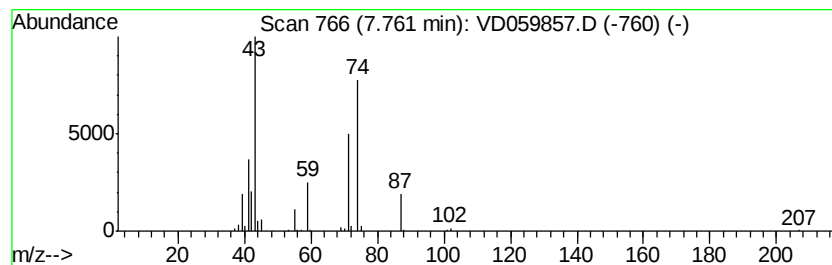
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Peak Number 6 Butanoic acid, methyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	537.57 ug/l	788587	1,4-Difluorobenzene	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	94
2		Butanoic acid, 3-hydroxy-, methyl...	118	C5H10O3	053562-86-0	64
3		Propanoic acid, 2-methyl-, methyl...	102	C5H10O2	000547-63-7	43
4		3-Methylbutan-2-yl propyl carbonate	174	C9H18O3	1000372-83-4	12
5		1-Hydroxy-3-methyl-2-butanone	102	C5H10O2	036960-22-2	10



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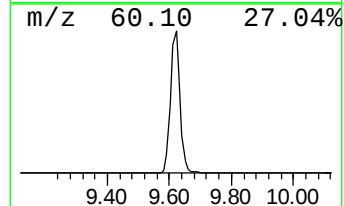
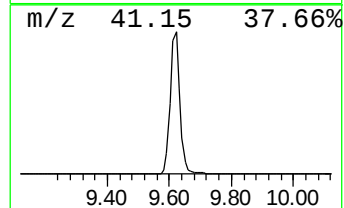
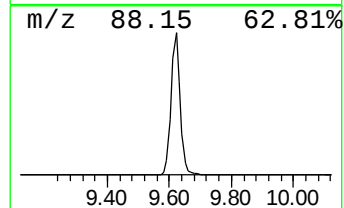
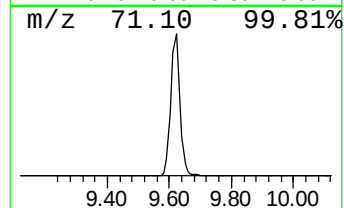
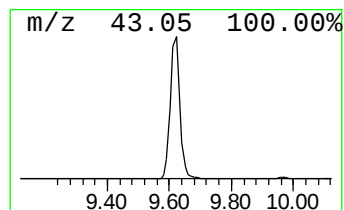
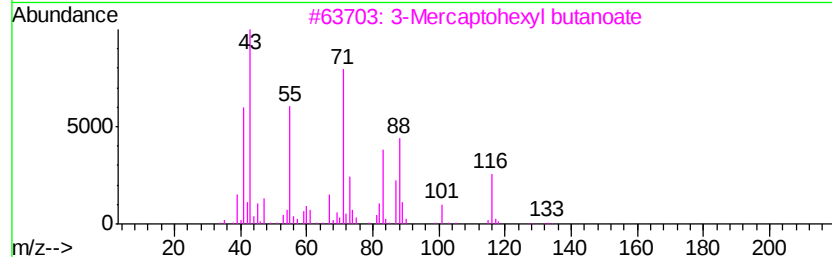
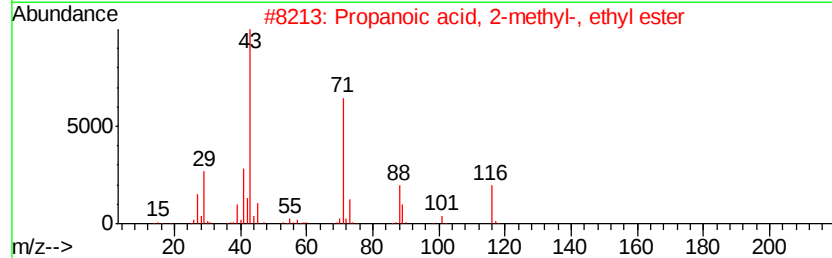
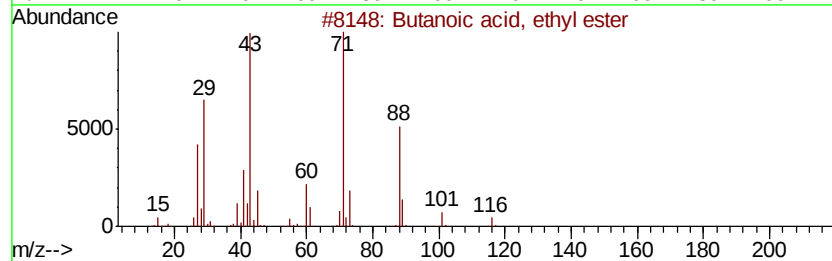
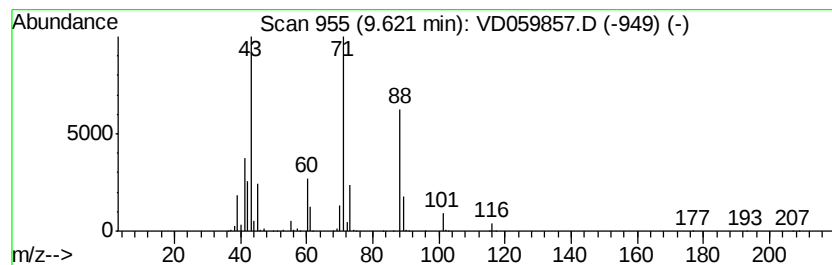
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 Peak Number 8 Butanoic acid, ethyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	4218.06 ug/l	4593050	Chlorobenzene-d5	10.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	97
2		Propanoic acid, 2-methyl-, ethyl...	116	C6H12O2	000097-62-1	50
3		3-Mercaptohexyl butanoate	204	C10H20O2S	136954-21-7	45
4		Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	43
5		4-Propoxy-2-butanone	130	C7H14O2	089975-71-3	37



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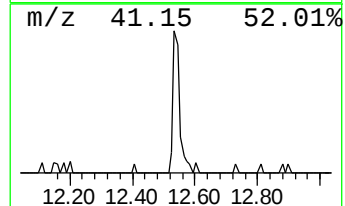
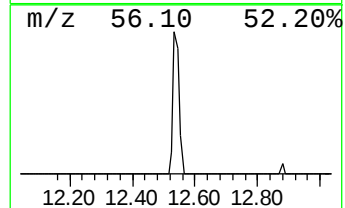
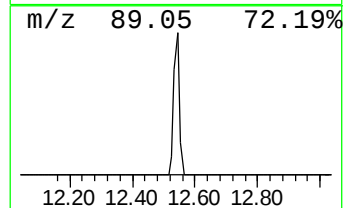
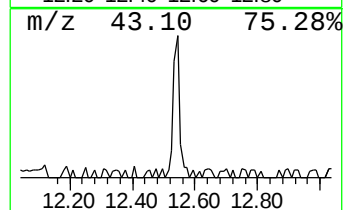
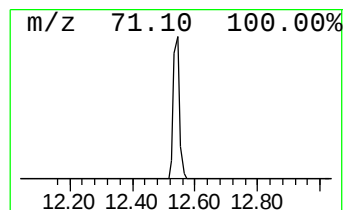
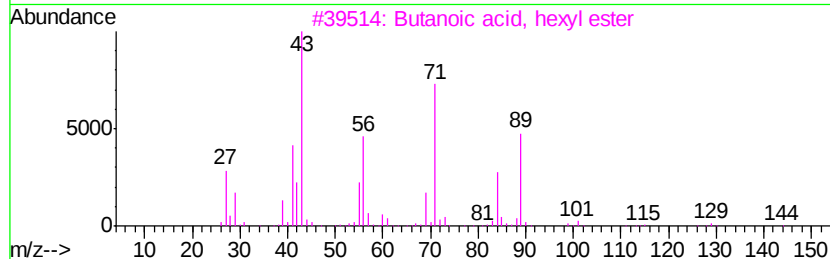
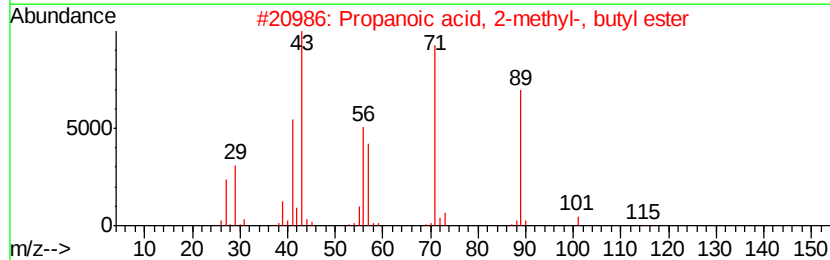
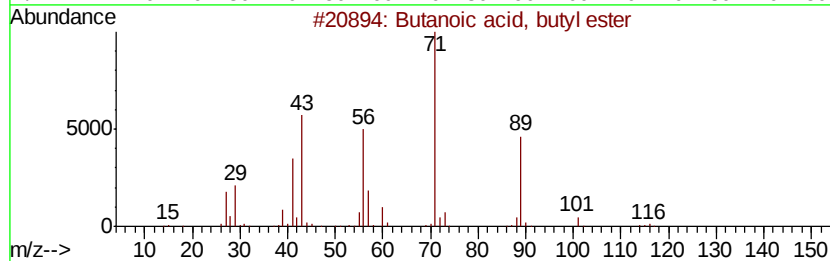
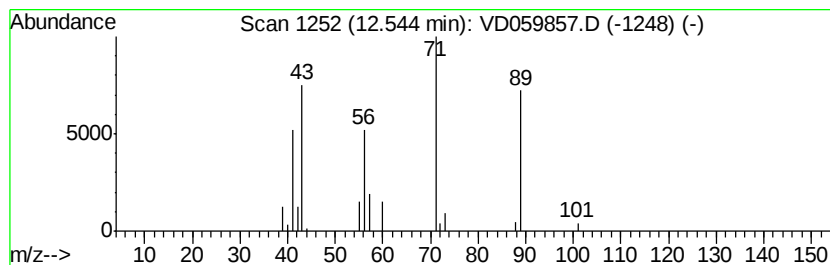
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Peak Number 10 Butanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	50.00 ug/l	57747	1,4-Dichlorobenzene-d4	12.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	83
2		Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	78
3		Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	78
4		Butanoic acid, heptyl ester	186	C11H22O2	005870-93-9	64
5		Propanoic acid, 2-methyl-, hexyl...	172	C10H20O2	002349-07-7	56



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Ethanol	2.23	2335.4	ug/l	3618830	1	5.61	77477	50.0
1-Butanol	6.94	581.5	ug/l	853030	2	6.66	73348	50.0
Butanoic acid, me...	7.76	537.6	ug/l	788587	2	6.66	73348	50.0
Butanoic acid, et...	9.62	4218.1	ug/l	4593050	3	10.66	54445	50.0
Butanoic acid, bu...	12.54	50.0	ug/l	57747	4	12.89	57747	50.0