

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061419\
 Data File : VN056316.D
 Acq On : 14 Jun 2019 16:51
 Operator : JC/SP
 Sample : K3410-02 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WASTE-WATER

Integration Parameters: RTEINT3.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % 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 N\METHODS\624N060619W.M
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.307	152	166	238	rBV	8191789	14184190	100.00%	43.795%
2	3.696	579	598	619	rBV	187444	487296	3.44%	1.505%
3	3.822	619	637	665	rVV	547924	1414574	9.97%	4.368%
4	4.095	695	722	777	rBV	4111172	11962460	84.34%	36.935%
5	7.194	1668	1686	1714	rBV	144543	401500	2.83%	1.240%
6	8.027	1927	1945	1965	rBV	146328	335986	2.37%	1.037%
7	8.452	2064	2077	2104	rBV2	65689	162189	1.14%	0.501%
8	8.587	2104	2119	2146	rVB	329871	696587	4.91%	2.151%
9	10.091	2571	2587	2619	rBV2	589643	1133815	7.99%	3.501%
10	11.406	2977	2996	3031	rBV	398244	711118	5.01%	2.196%
11	12.403	3290	3306	3329	rVB2	239585	426026	3.00%	1.315%
12	13.451	3616	3632	3673	rBV	245203	471776	3.33%	1.457%

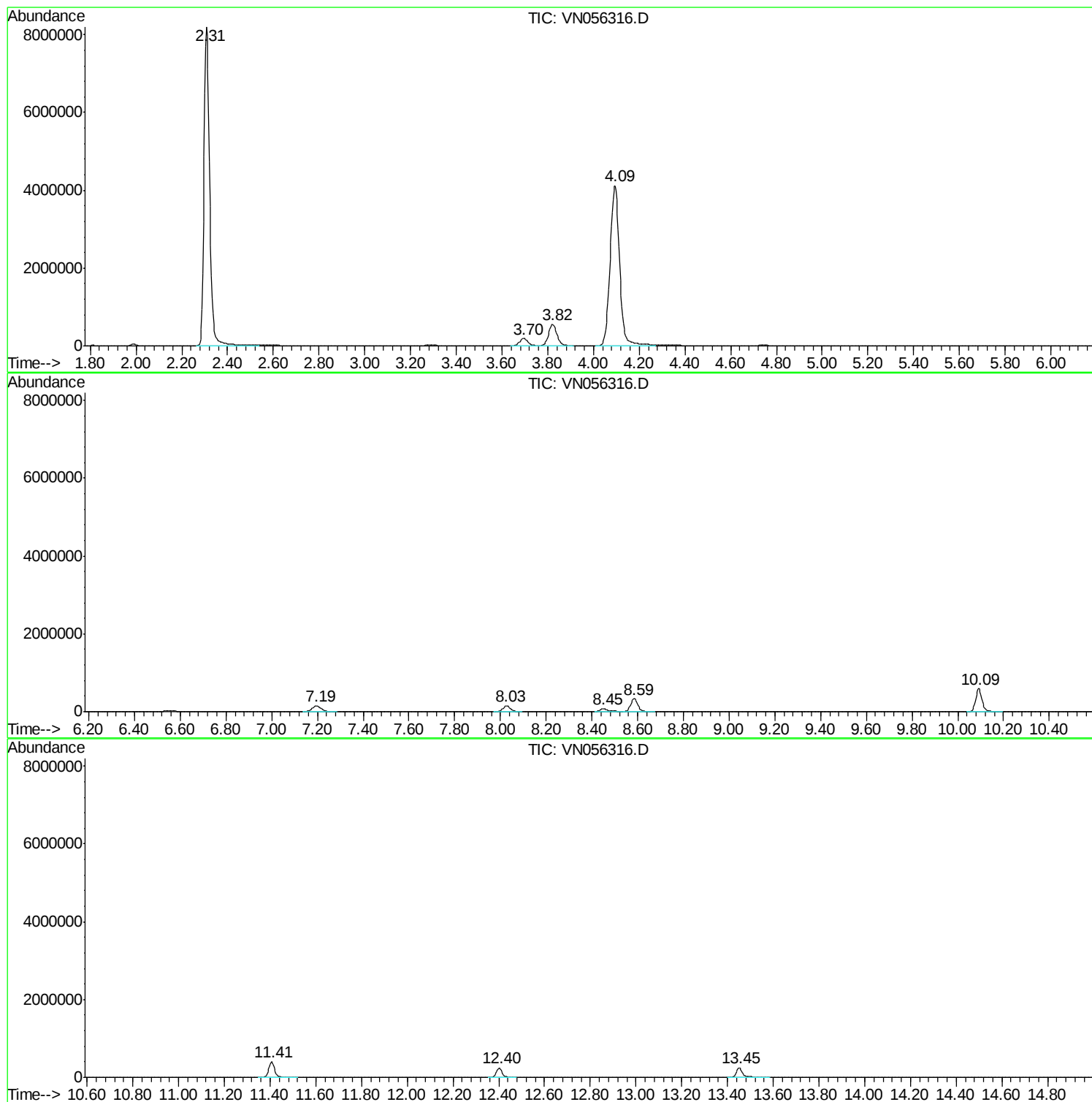
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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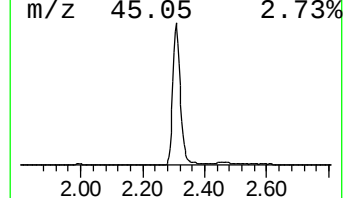
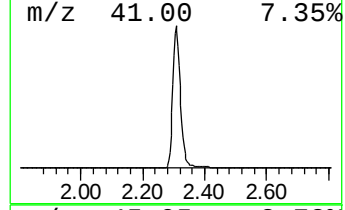
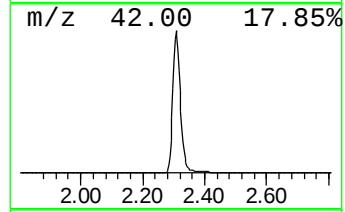
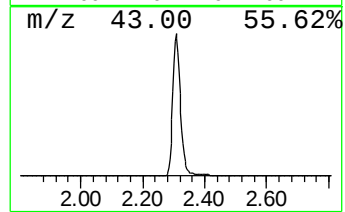
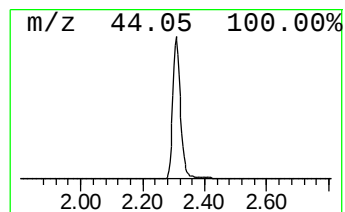
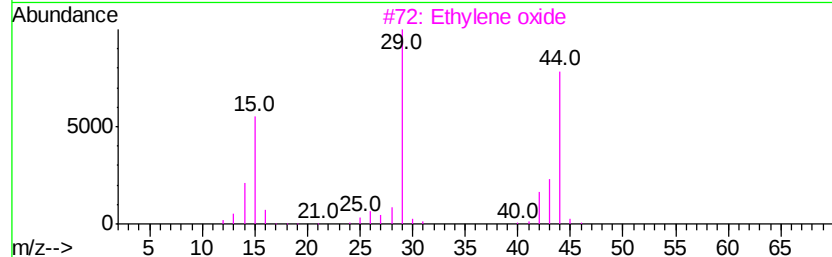
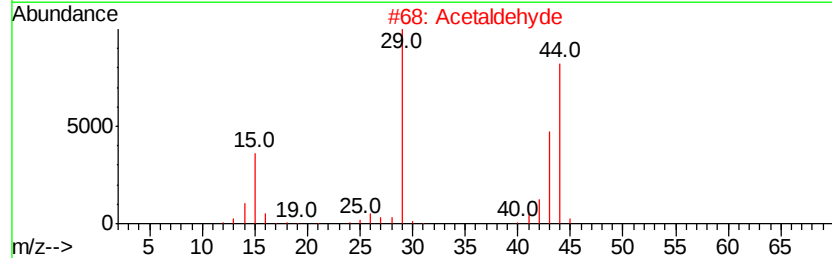
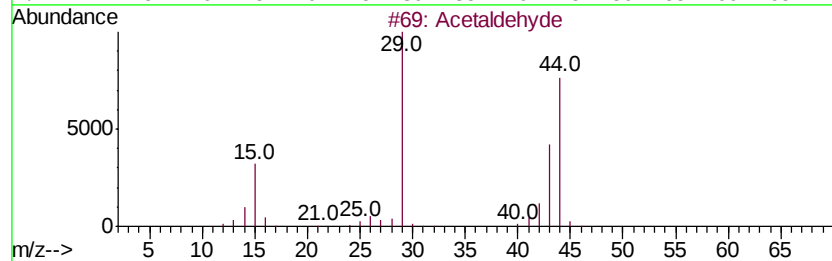
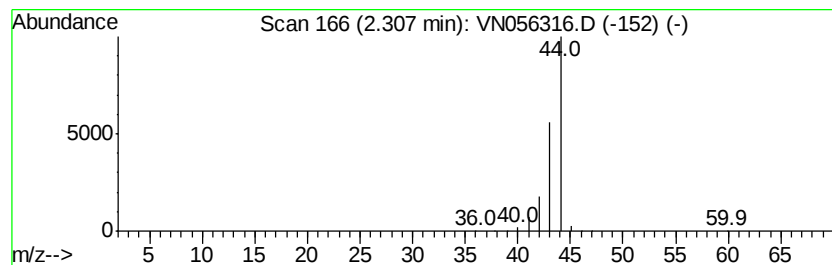
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.31	1059.84 ug/l	14184200	Bromochloromethane	7.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetaldehyd	44	C2H4O	000075-07-0	74
2		Acetaldehyd	44	C2H4O	000075-07-0	74
3		Ethylene oxide	44	C2H4O	000075-21-8	5
4		Ethylene oxide	44	C2H4O	000075-21-8	5
5		Ethylene oxide	44	C2H4O	000075-21-8	5



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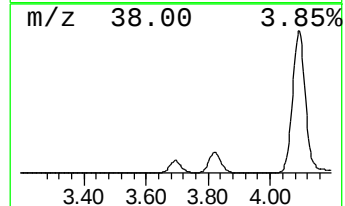
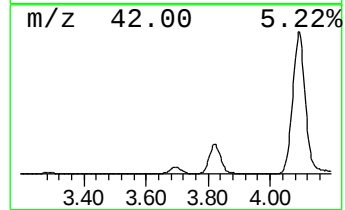
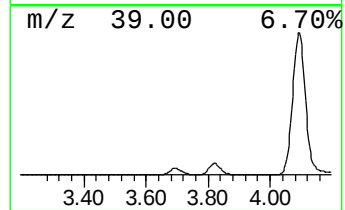
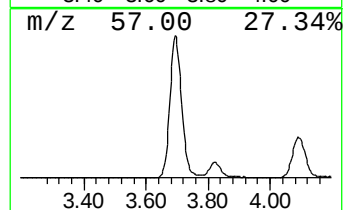
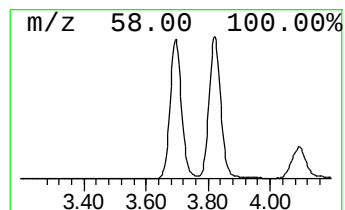
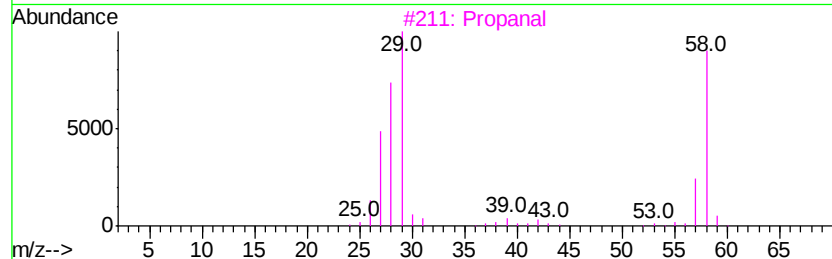
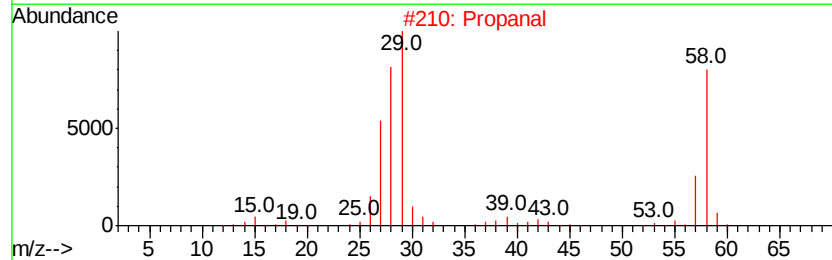
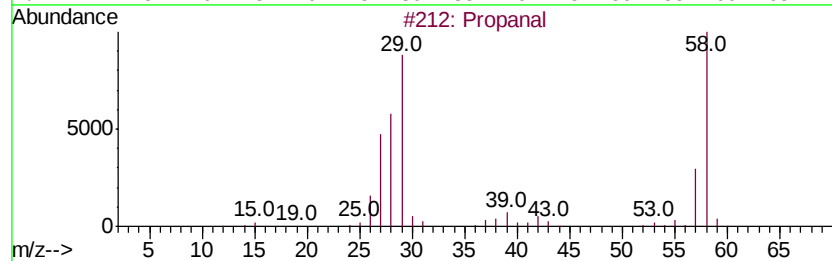
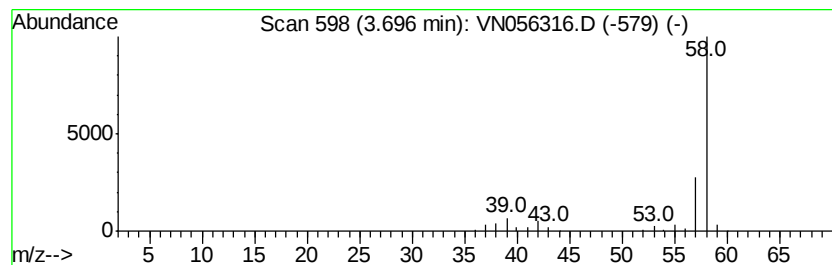
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ClientSampleId :
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Propanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	36.41 ug/l	487296	Bromochloromethane	7.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Propanal		58 C3H6O	000123-38-6 72
2	Propanal		58 C3H6O	000123-38-6 40
3	Propanal		58 C3H6O	000123-38-6 40
4	Trimethylene oxide		58 C3H6O	000503-30-0 9
5	Propanal		58 C3H6O	000123-38-6 5



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Instrument :
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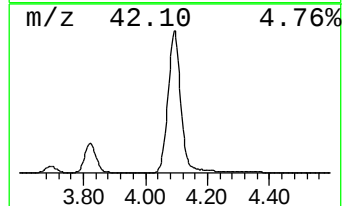
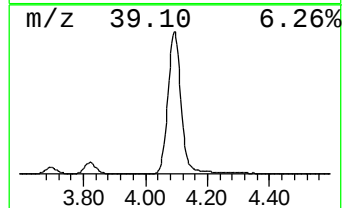
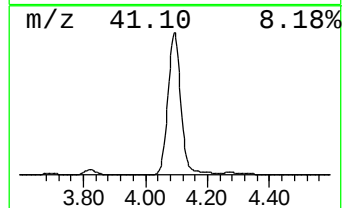
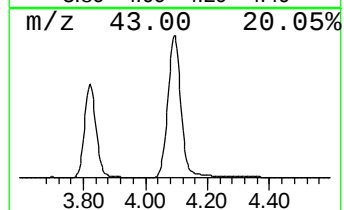
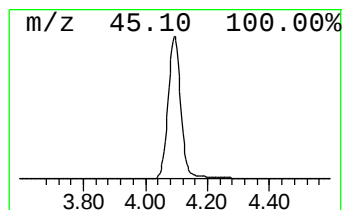
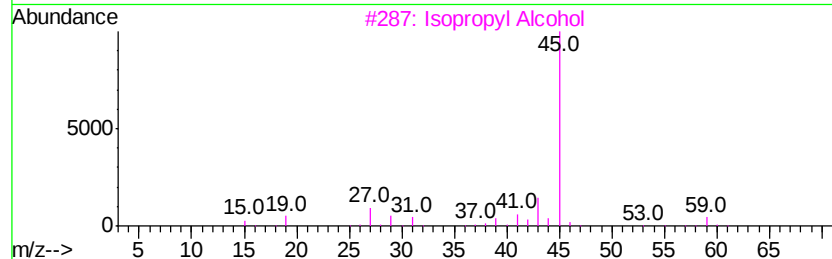
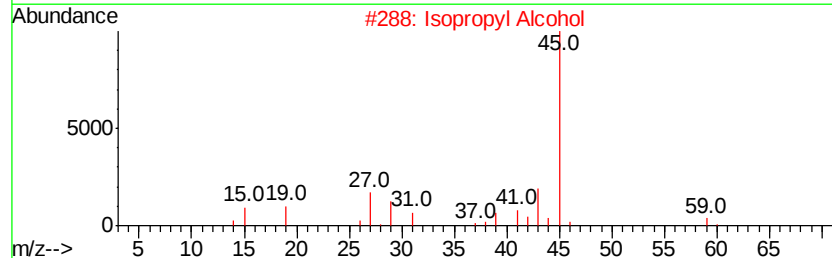
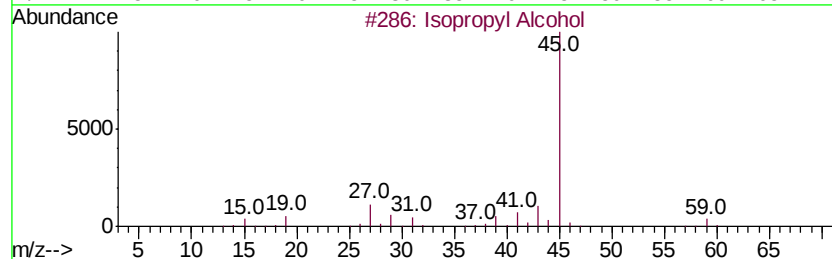
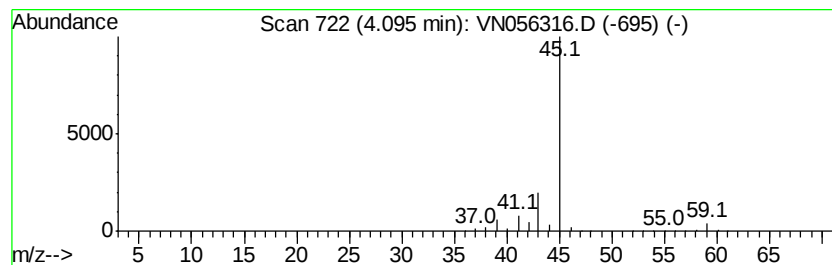
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	893.83 ug/l	11962500	Bromochloromethane	7.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4		Hydrazine, ethyl-	60	C2H8N2	000624-80-6	39
5		Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9



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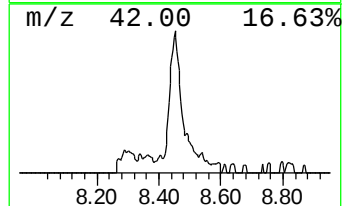
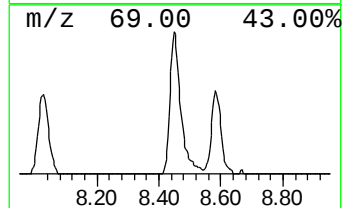
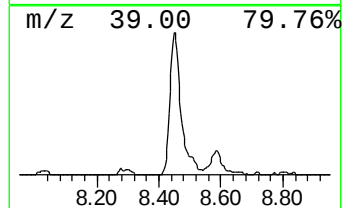
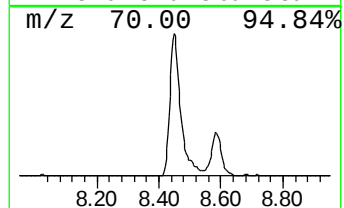
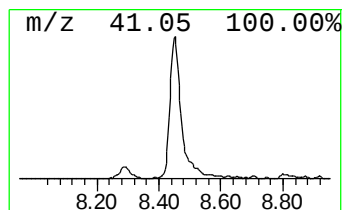
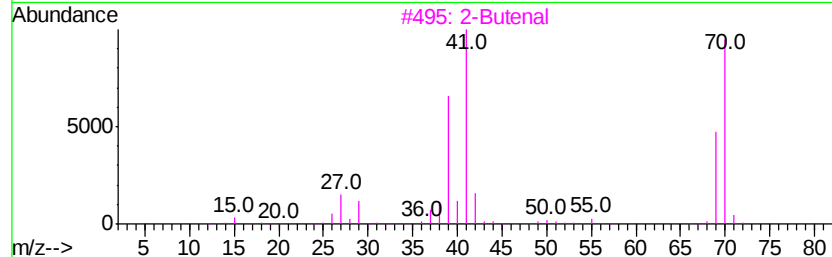
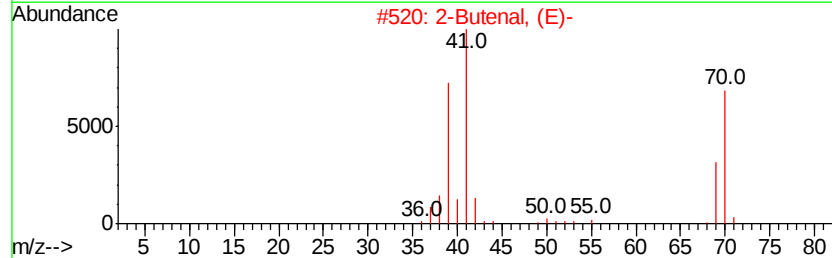
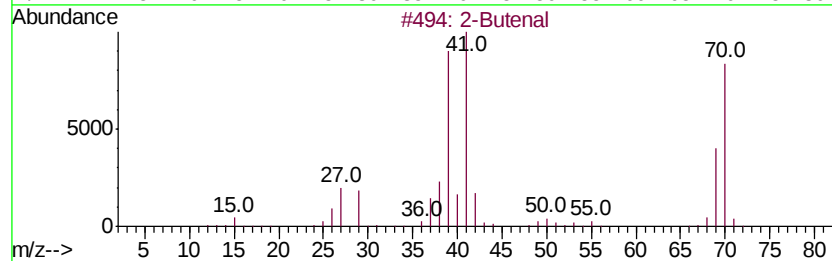
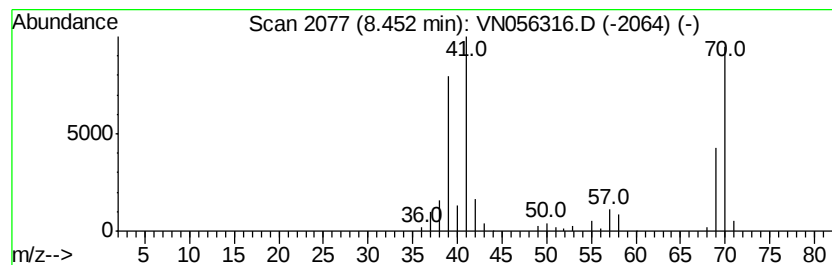
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Peak Number 4 2-Butenal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.45	6.99 ug/l	162189	1,4-Difluorobenzene	8.59	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal	70	C4H6O	004170-30-3	91
2	2-Butenal, (E)-	70	C4H6O	000123-73-9	91
3	2-Butenal	70	C4H6O	004170-30-3	91
4	2-Butenal, (Z)-	70	C4H6O	015798-64-8	90
5	Methacrolein	70	C4H6O	000078-85-3	90



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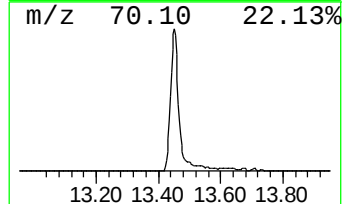
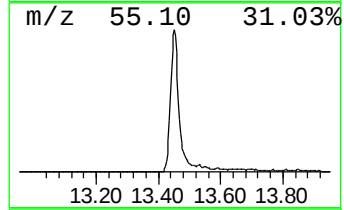
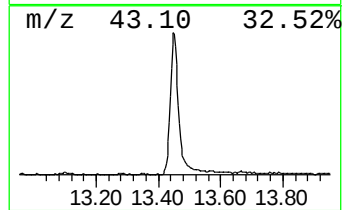
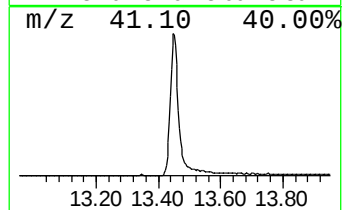
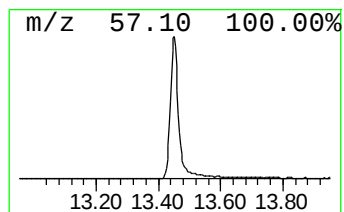
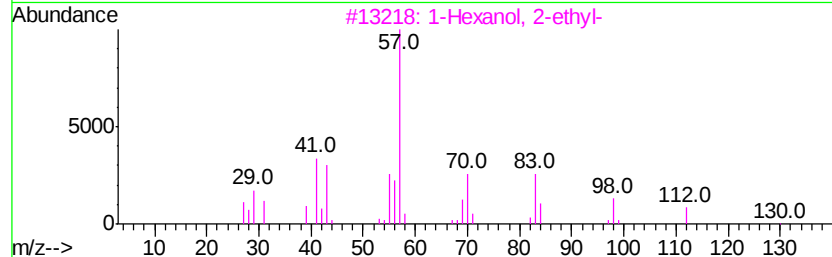
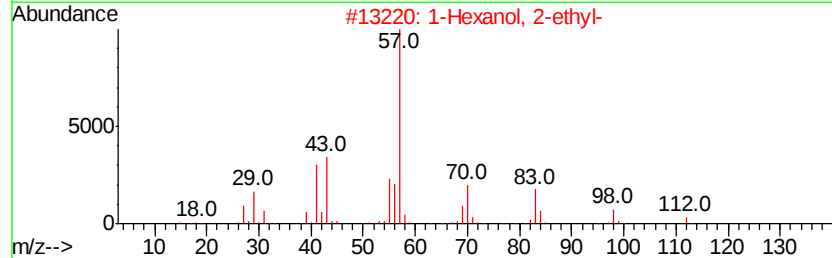
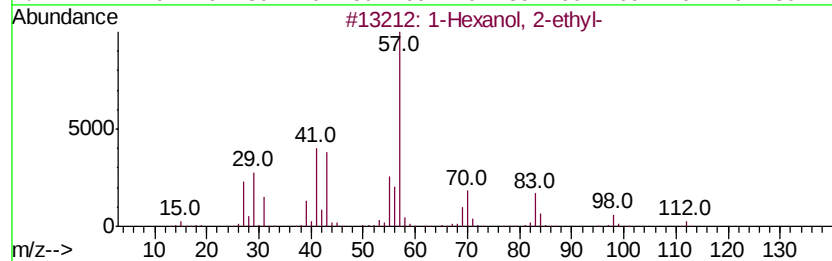
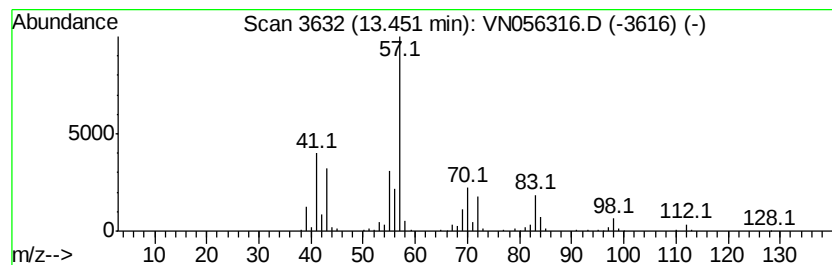
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TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.45	19.90 ug/l	471776	Chlorobenzene-d5	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	47



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.31	1059.8	ug/l	14184200	1	7.19	401500	30.0
Propanal	3.70	36.4	ug/l	487296	1	7.19	401500	30.0
Isopropyl Alcohol	4.09	893.8	ug/l	11962500	1	7.19	401500	30.0
2-Butenal	8.45	7.0	ug/l	162189	2	8.59	696587	30.0
1-Hexanol, 2-ethyl-	13.45	19.9	ug/l	471776	3	11.41	711118	30.0