

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101823\
 Data File : VN079604.D
 Acq On : 18 Oct 2023 16:39
 Operator : JC\MD
 Sample : 04958-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WASTE-WATER

Integration Parameters: RTEINT3.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % 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_N\methods\624N101723W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN079604.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.671	115	122	128	rBV	29236	54764	1.23%	0.677%
2	4.430	411	421	440	rBV	319341	978335	21.89%	12.095%
3	4.712	456	469	498	rBV	1384633	4469962	100.00%	55.260%
4	7.818	985	997	1009	rBV2	53989	140113	3.13%	1.732%
5	7.971	1014	1023	1033	rVB3	24432	61105	1.37%	0.755%
6	8.582	1117	1127	1140	rBV2	99162	224365	5.02%	2.774%
7	9.106	1208	1216	1227	rBV	149200	298961	6.69%	3.696%
8	10.571	1457	1465	1477	rBV	256989	487559	10.91%	6.028%
9	11.870	1677	1686	1699	rBV	254505	468234	10.48%	5.789%
10	12.423	1773	1780	1789	rBV	29375	52515	1.17%	0.649%
11	12.853	1846	1853	1864	rVB2	179012	321695	7.20%	3.977%
12	13.876	2018	2027	2043	rBV	178162	323395	7.23%	3.998%
13	14.359	2103	2109	2119	rBV	127412	207900	4.65%	2.570%

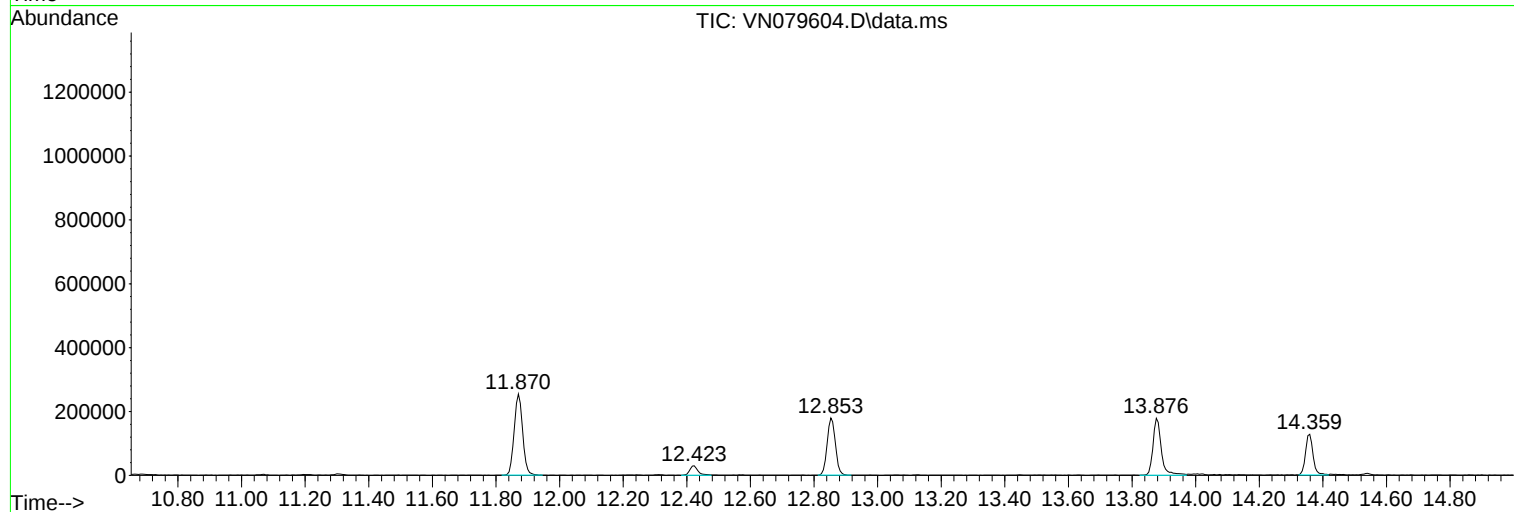
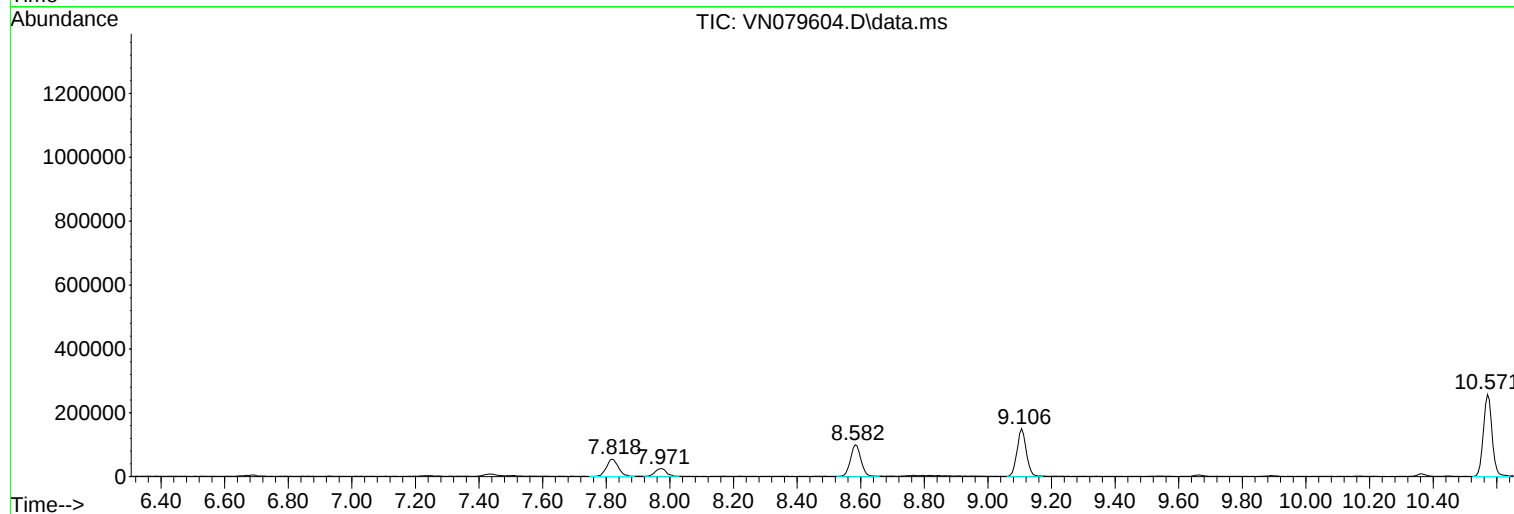
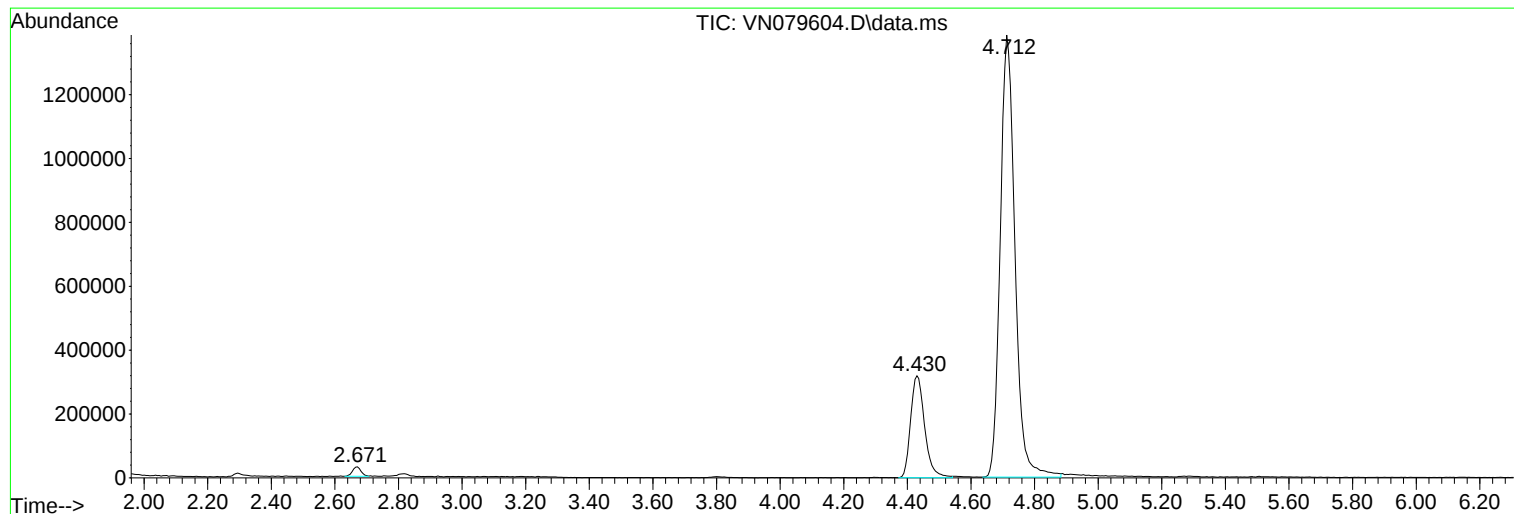
Sum of corrected areas: 8088903

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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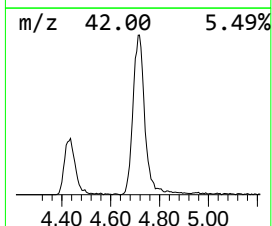
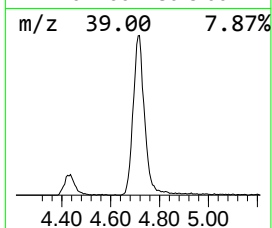
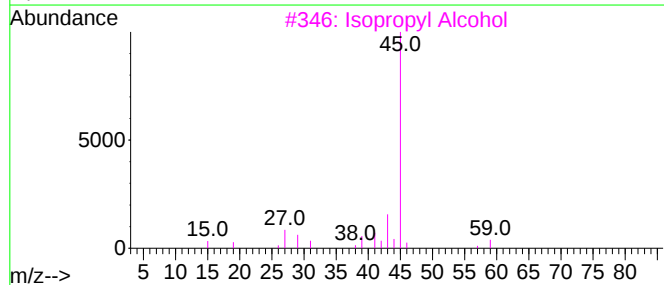
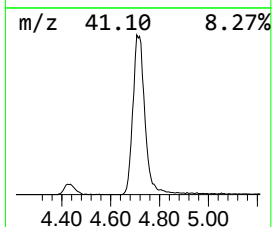
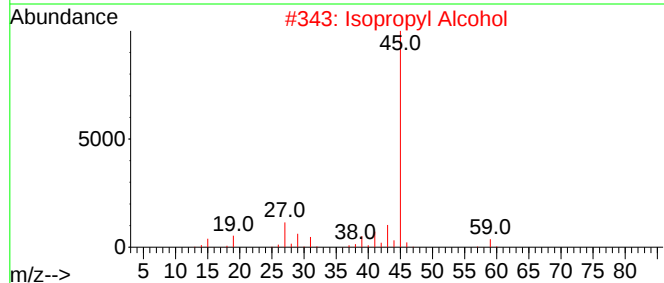
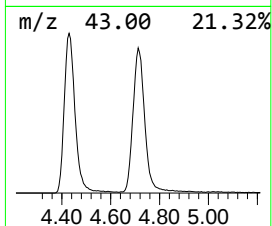
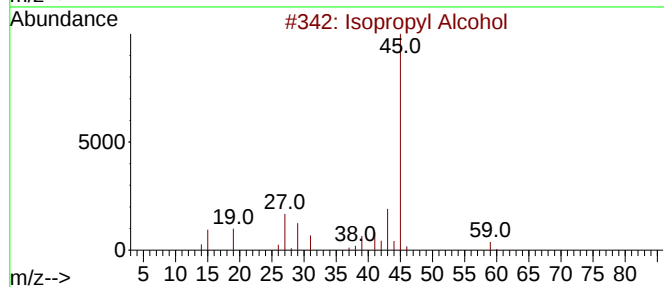
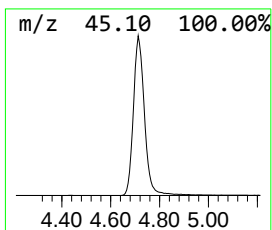
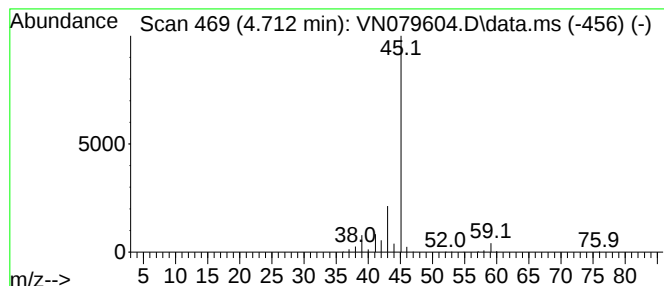
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.712	957.08 ug/l	4469960	Bromochloromethane	7.812

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	64
4			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5			Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9



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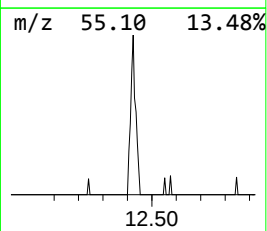
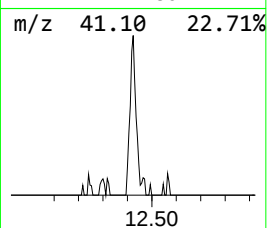
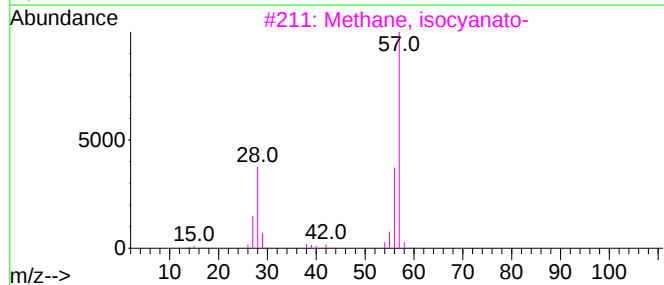
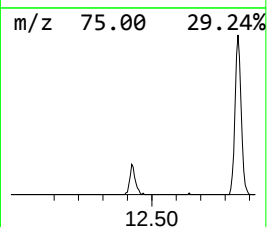
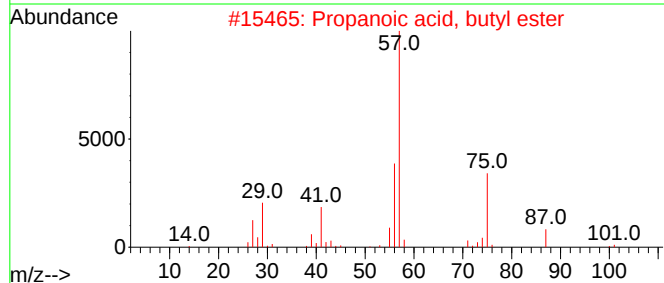
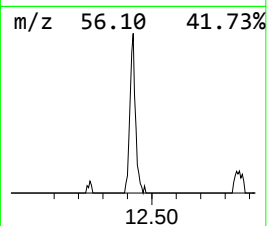
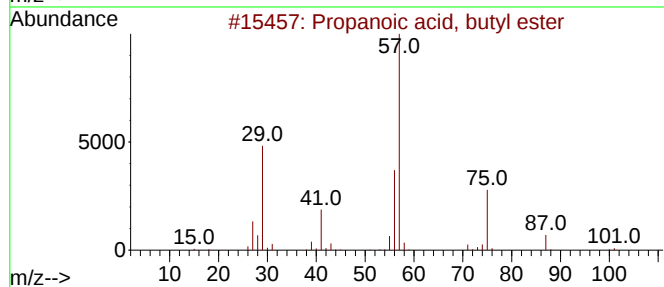
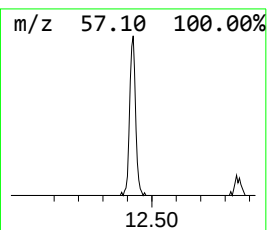
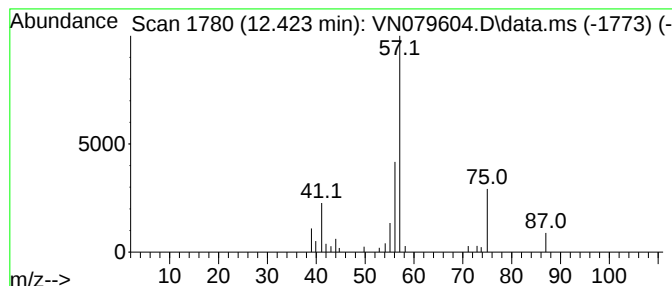
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Propanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.423	3.36 ug/l	52515	Chlorobenzene-d5	11.871

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	56
2			Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	56
3			Methane, isocyanato-	57	C2H3NO	000624-83-9	40
4			Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	39
5			Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	39



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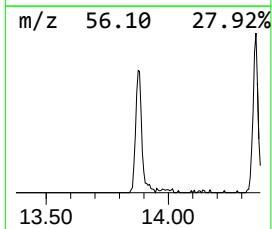
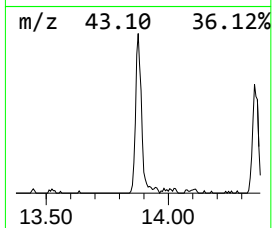
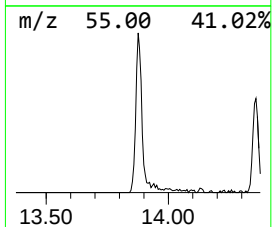
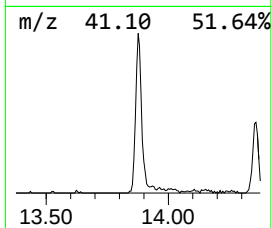
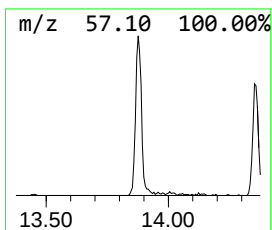
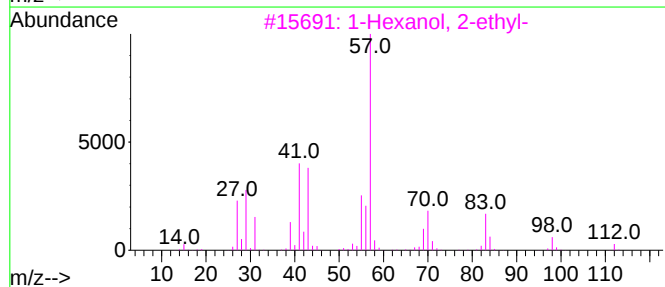
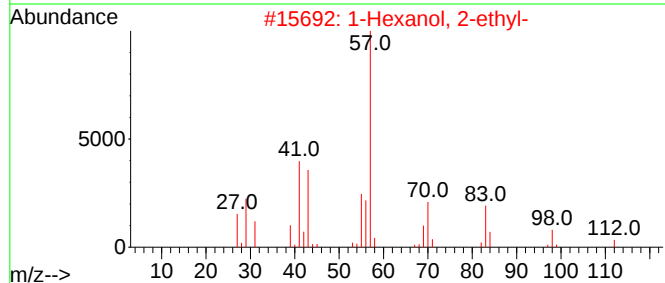
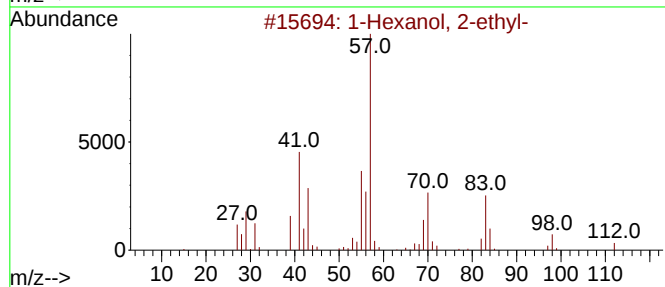
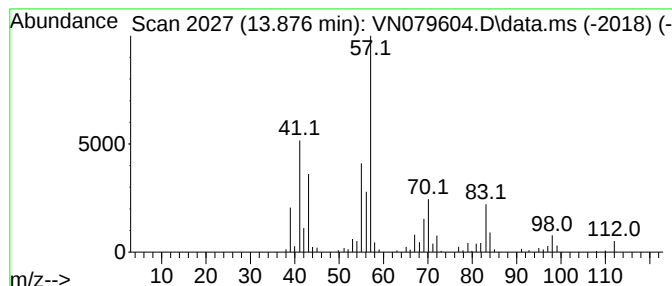
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Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.876	20.72 ug/l	323395	Chlorobenzene-d5	11.871

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5			Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	64



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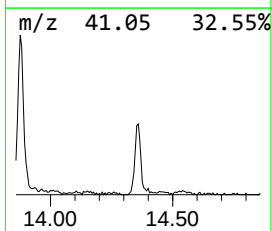
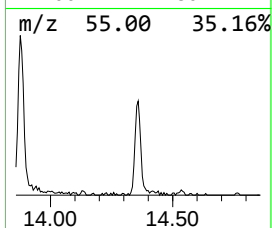
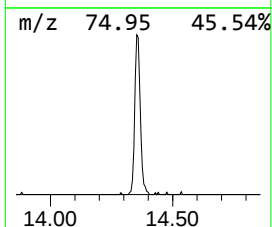
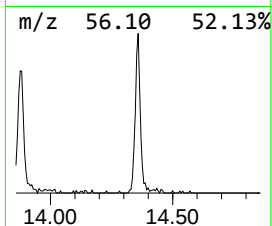
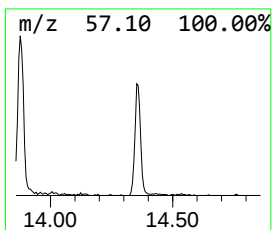
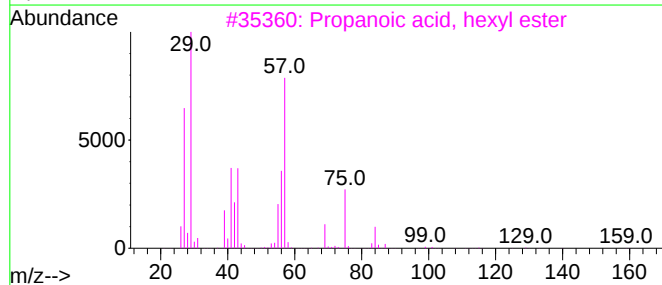
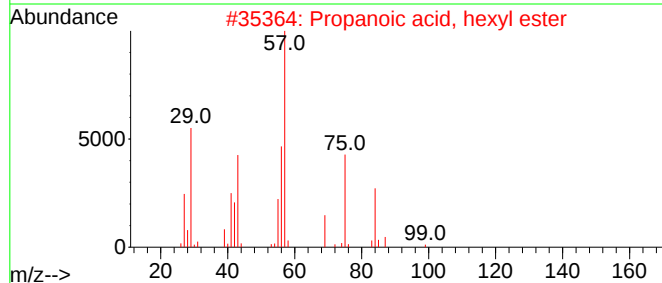
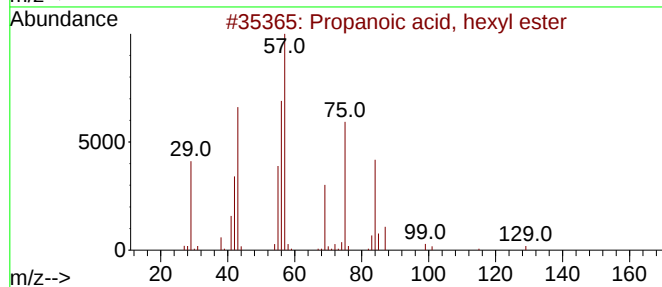
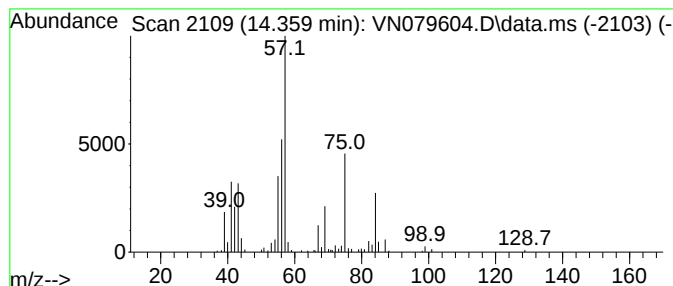
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Peak Number 5 Propanoic acid, hexyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.359	13.32 ug/l	207900	Chlorobenzene-d5	11.871

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, hexyl ester	158	C9H18O2	002445-76-3	78
2			Propanoic acid, hexyl ester	158	C9H18O2	002445-76-3	78
3			Propanoic acid, hexyl ester	158	C9H18O2	002445-76-3	59
4			Propanoic acid, hexyl ester	158	C9H18O2	002445-76-3	59
5			Propanoic acid, heptyl ester	172	C10H20O2	002216-81-1	45



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	4.712	957.1	ug/l	4469960	1	7.812	140113	30.0
Propanoic acid,...	12.423	3.4	ug/l	52515	3	11.871	468234	30.0
1-Hexanol, 2-et...	13.876	20.7	ug/l	323395	3	11.871	468234	30.0
Propanoic acid,...	14.359	13.3	ug/l	207900	3	11.871	468234	30.0