

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042125\
 Data File : VN086358.D
 Acq On : 21 Apr 2025 13:47
 Operator : JC\MD
 Sample : Q1833-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 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\624N041125W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN086358.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.418	408	419	442	rBV	463226	1384830	7.35%	4.849%
2	4.718	453	470	522	rBV	5860672	18832251	100.00%	65.936%
3	7.812	986	996	1007	rBV2	109005	271939	1.44%	0.952%
4	8.577	1113	1126	1134	rBV	142405	320663	1.70%	1.123%
5	9.100	1205	1215	1225	rBV	270124	554473	2.94%	1.941%
6	10.565	1453	1464	1472	rBV	509492	945846	5.02%	3.312%
7	11.865	1677	1685	1696	rVB	366259	656302	3.48%	2.298%
8	12.453	1781	1785	1795	rVB	161124	255740	1.36%	0.895%
9	12.847	1845	1852	1862	rVB	331441	567731	3.01%	1.988%
10	13.870	2018	2026	2043	rBV	2777600	4210617	22.36%	14.742%
11	14.347	2101	2107	2117	rVB	380381	560960	2.98%	1.964%

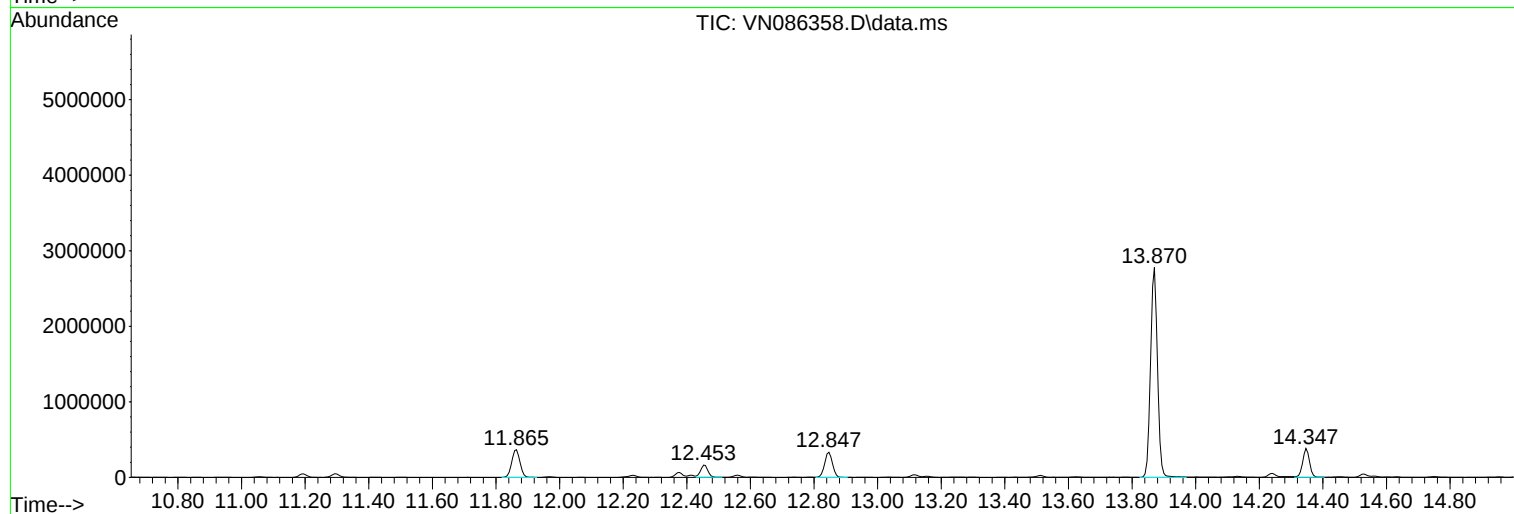
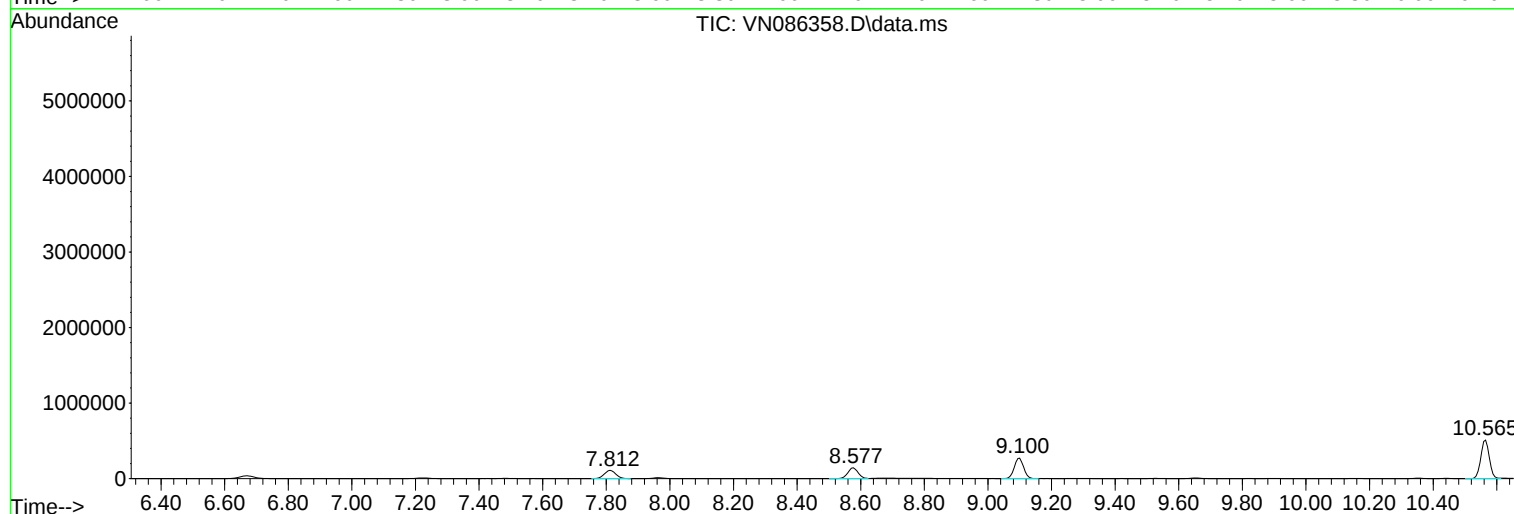
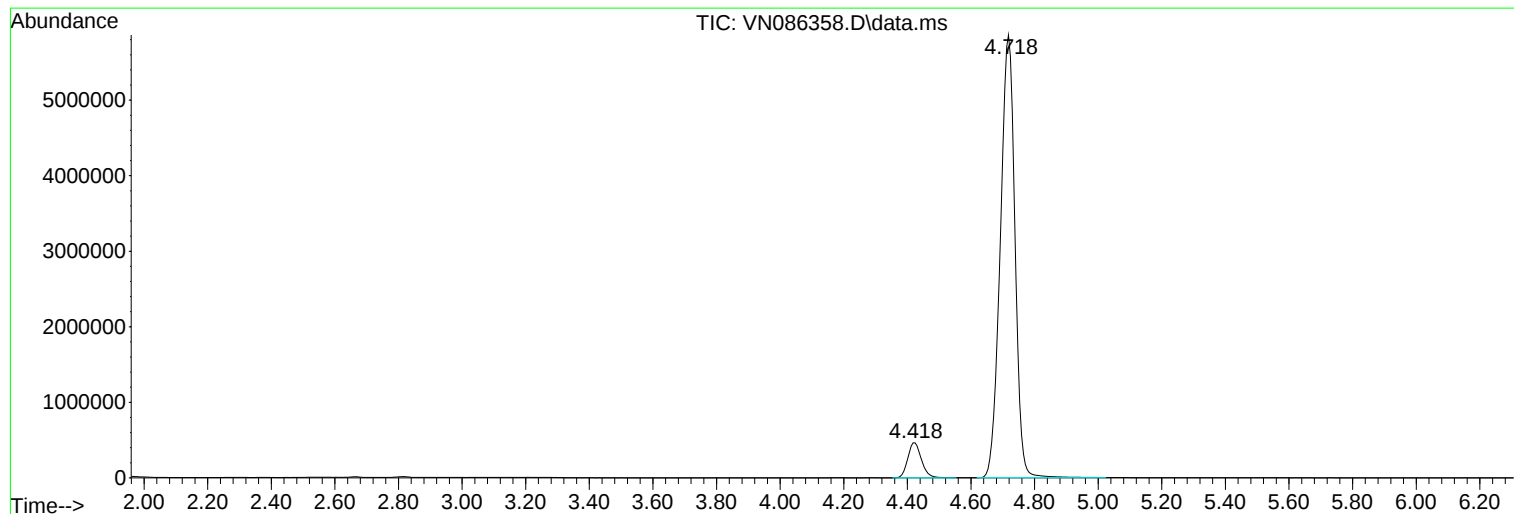
Sum of corrected areas: 28561352

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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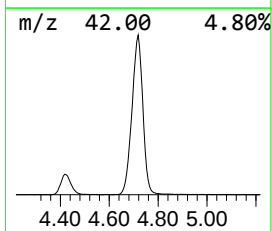
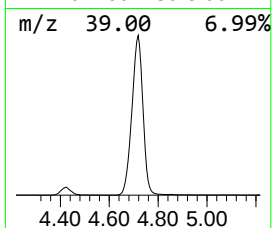
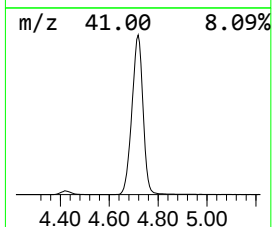
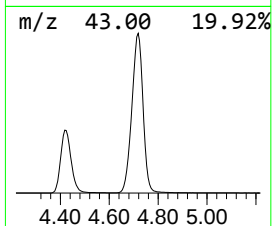
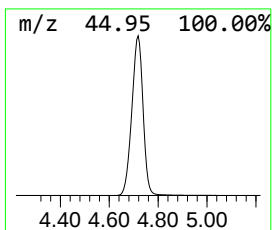
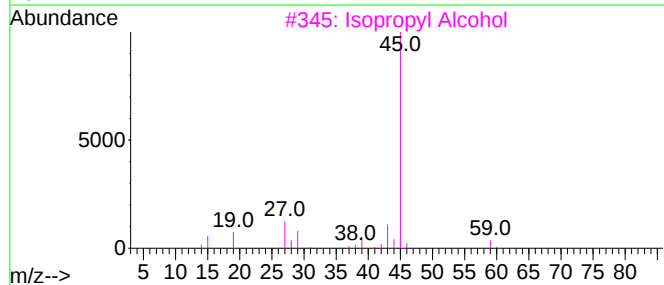
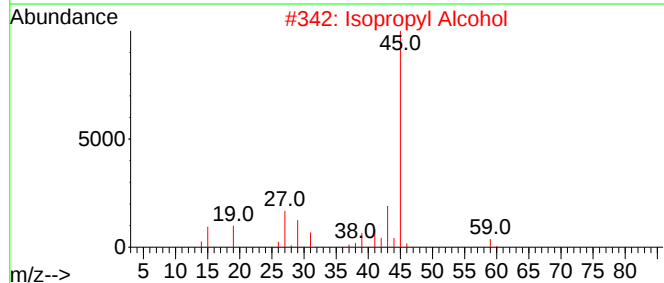
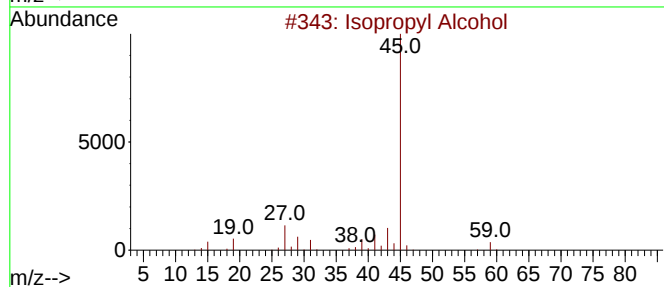
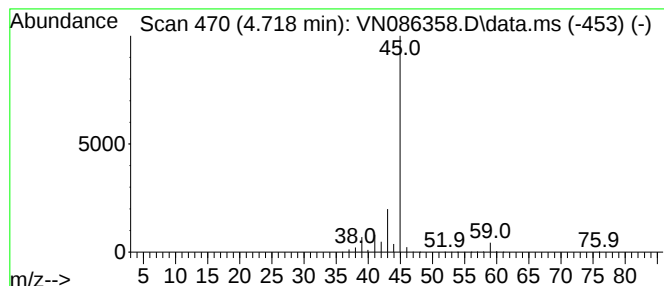
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.718	2077.55 ug/l	18832300	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			Isopropyl Alcohol	60	C3H8O	000067-63-0	64
5			Isopropyl Alcohol	60	C3H8O	000067-63-0	56



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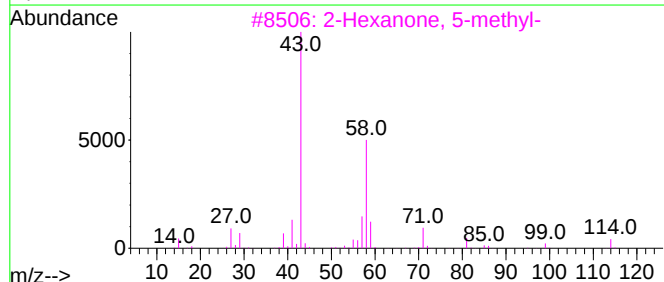
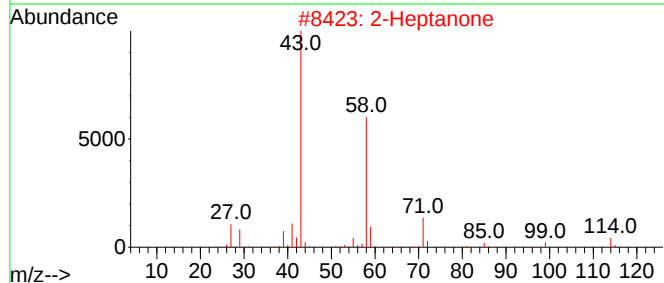
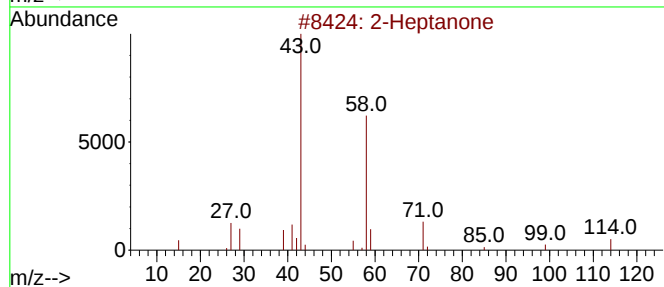
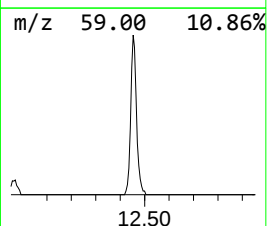
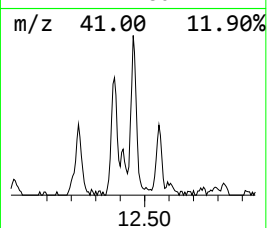
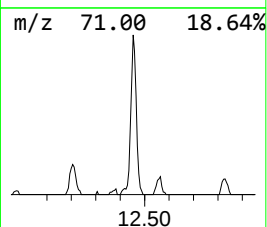
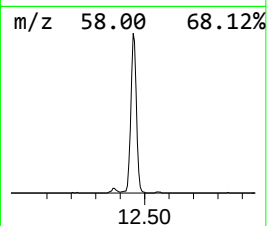
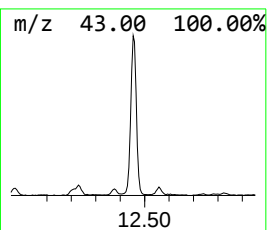
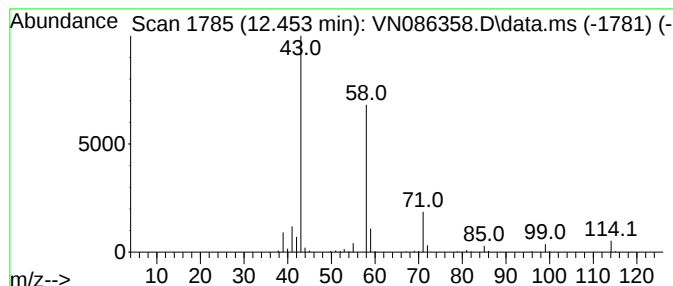
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Heptanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.453	11.69 ug/l	255740	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone			114	C7H14O	000110-43-0	91
2	2-Heptanone			114	C7H14O	000110-43-0	91
3	2-Hexanone, 5-methyl-			114	C7H14O	000110-12-3	90
4	2-Heptanone			114	C7H14O	000110-43-0	90
5	2-Heptanone			114	C7H14O	000110-43-0	90



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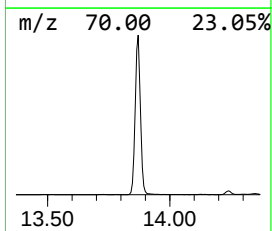
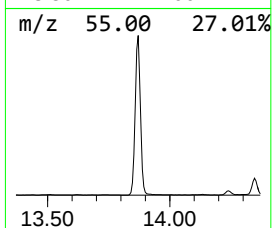
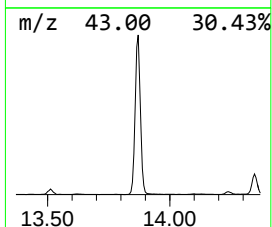
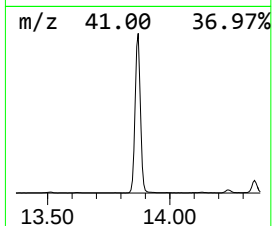
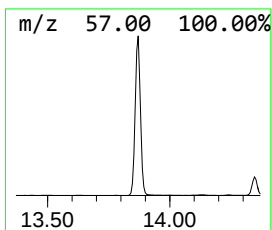
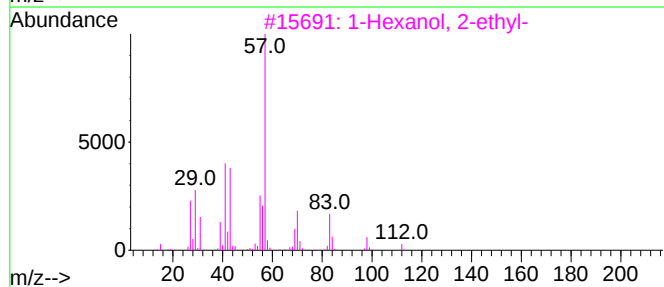
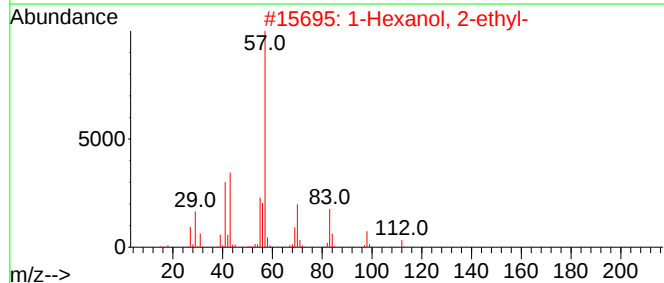
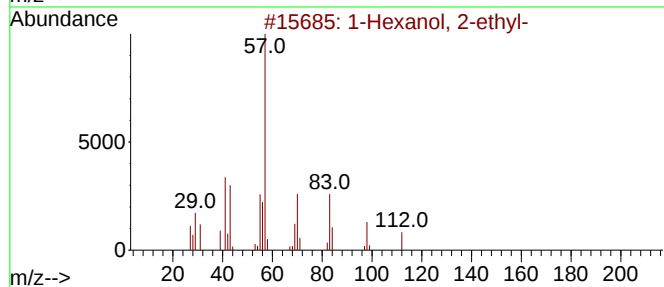
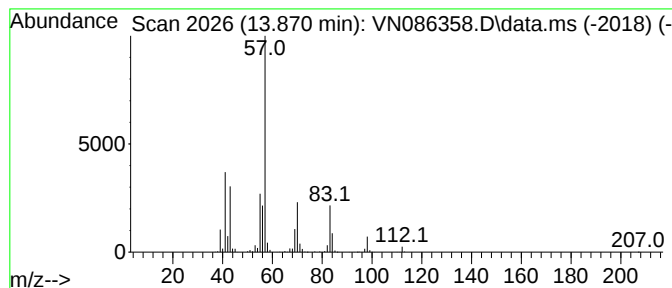
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Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.870	192.47 ug/l	4210620	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	83
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	83
5	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78



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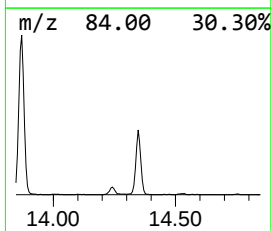
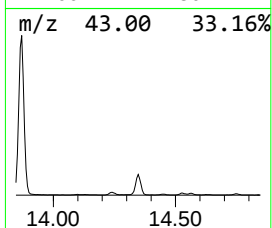
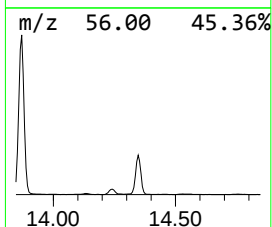
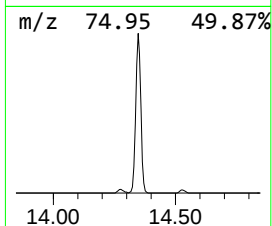
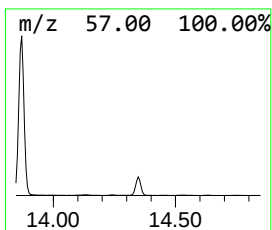
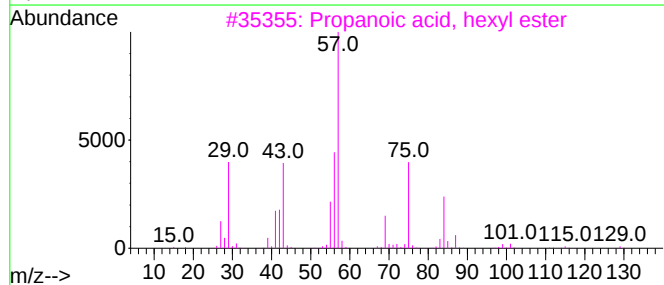
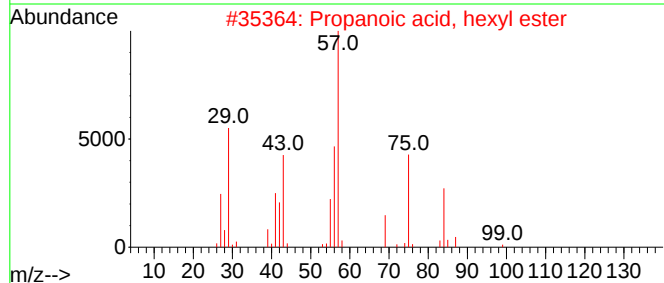
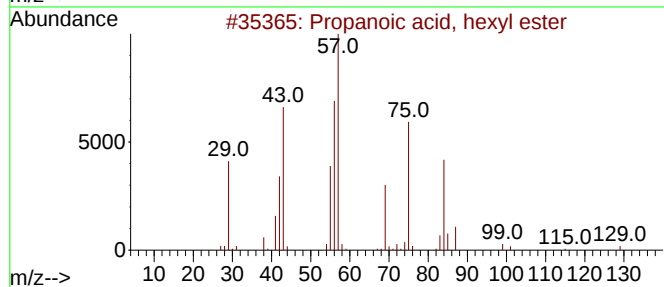
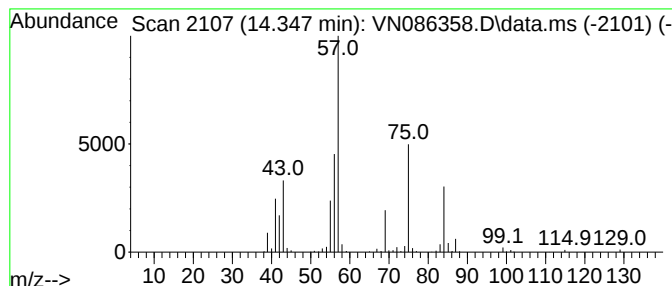
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Peak Number 4 Propanoic acid, hexyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.347	25.64 ug/l	560960	Chlorobenzene-d5	11.865

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	74
4			Propanoic acid, heptyl ester	172	C10H20O2	002216-81-1	64
5			Propanoic acid, octyl ester	186	C11H22O2	000142-60-9	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	4.718	2077.6	ug/l	18832300	1	7.812	271939	30.0
2-Heptanone	12.453	11.7	ug/l	255740	3	11.865	656302	30.0
1-Hexanol, 2-et...	13.870	192.5	ug/l	4210620	3	11.865	656302	30.0
Propanoic acid,...	14.347	25.6	ug/l	560960	3	11.865	656302	30.0