

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
Data File : VN086385.D
Acq On : 23 Apr 2025 16:24
Operator : JC\MD
Sample : Q1833-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 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\624N042325W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN086385.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	415108	1238670	7.33%	5.253%
2	4.718	454	470	506	rBV	5251301	16887674	100.00%	71.620%
3	7.812	987	996	1009	rBV2	78081	192422	1.14%	0.816%
4	8.577	1117	1126	1136	rBV	101160	225933	1.34%	0.958%
5	9.100	1206	1215	1224	rBV	194153	395129	2.34%	1.676%
6	10.565	1456	1464	1471	rBV	370264	674762	4.00%	2.862%
7	11.865	1677	1685	1695	rBV	254640	464951	2.75%	1.972%
8	12.453	1780	1785	1793	rVB	147241	234234	1.39%	0.993%
9	12.847	1845	1852	1860	rVB	229849	402672	2.38%	1.708%
10	13.871	2018	2026	2044	rBV	1617815	2550062	15.10%	10.815%
11	14.347	2101	2107	2118	rVB	214989	312903	1.85%	1.327%

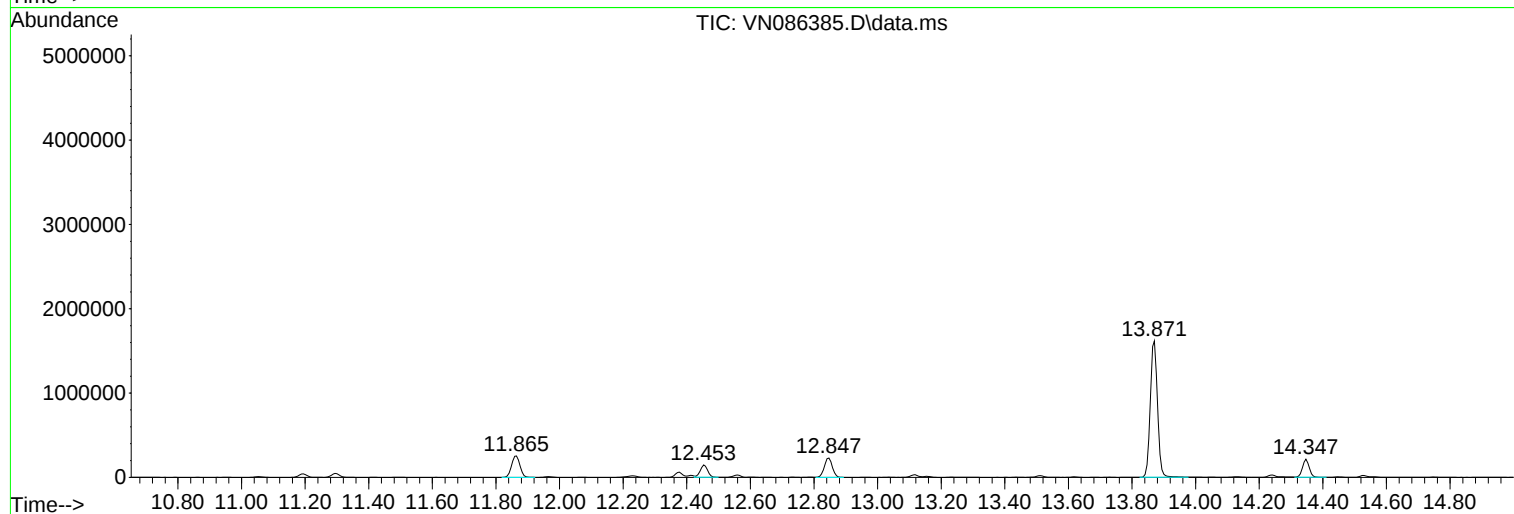
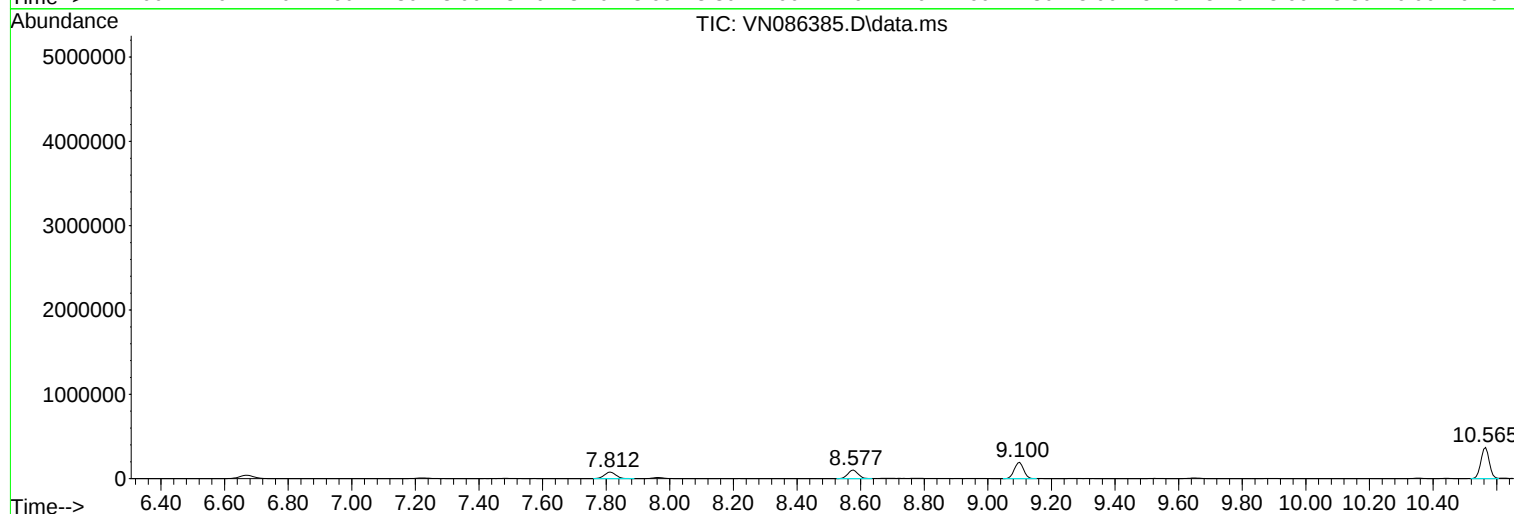
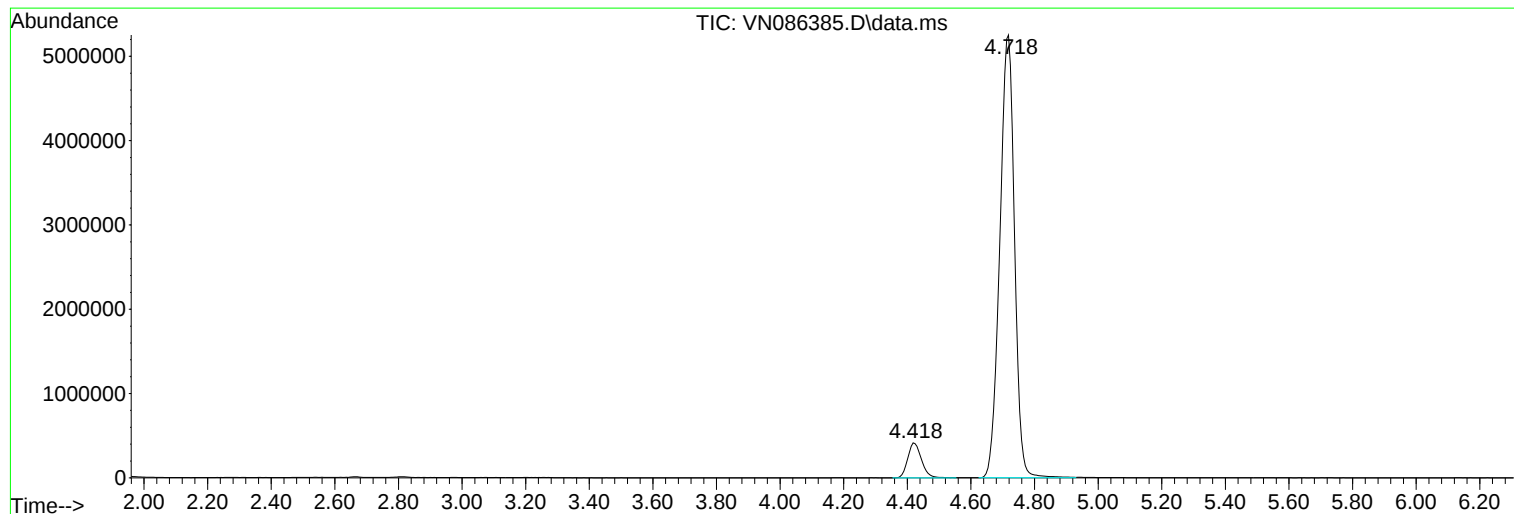
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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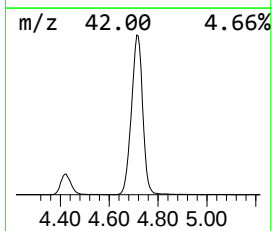
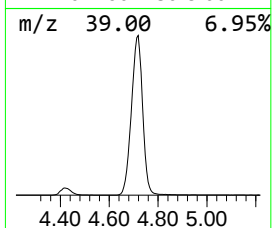
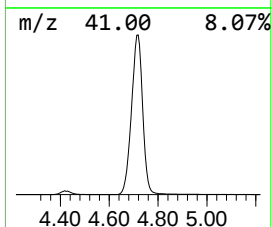
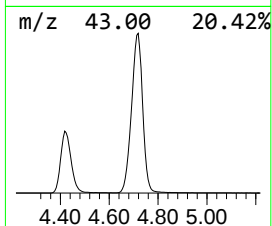
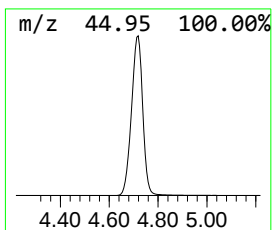
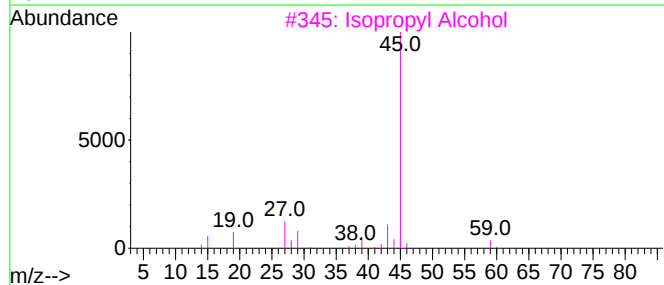
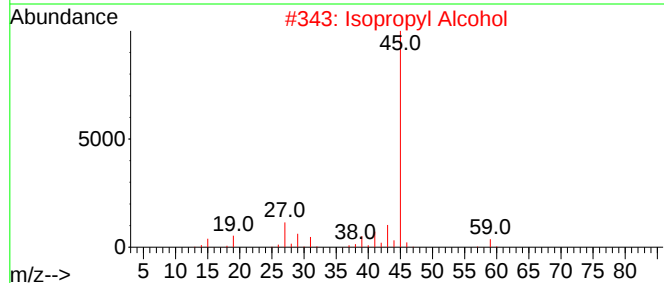
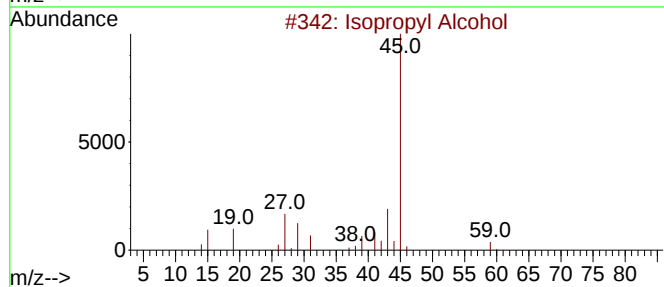
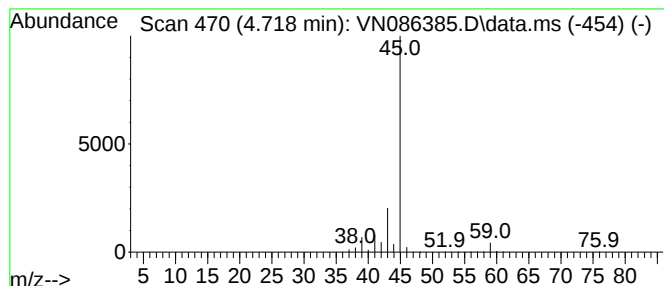
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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	2632.91 ug/l	16887700	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	64



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MSVOA_N
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EFF-WASTE-WATER

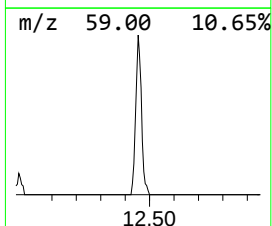
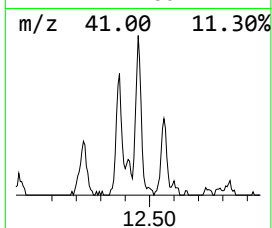
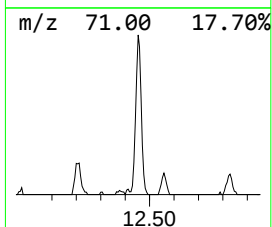
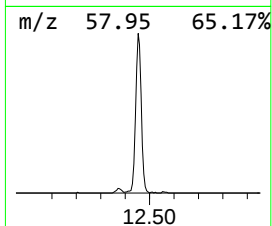
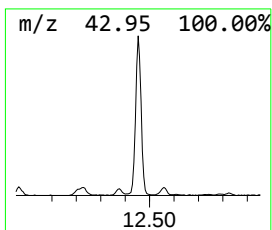
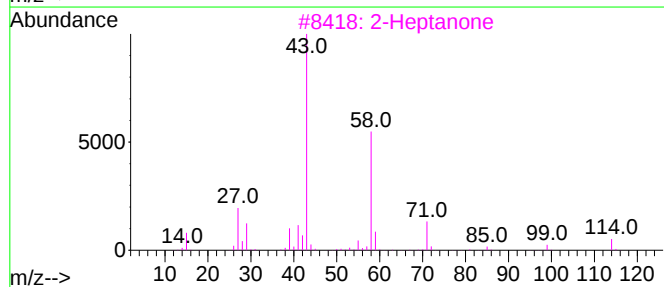
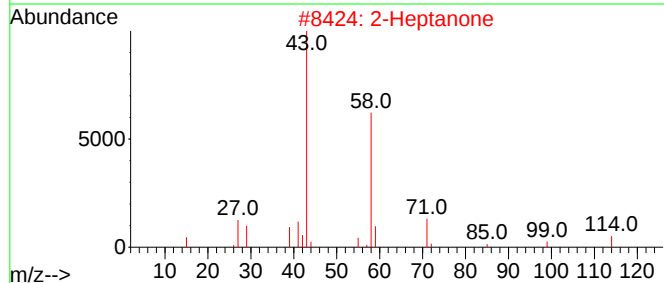
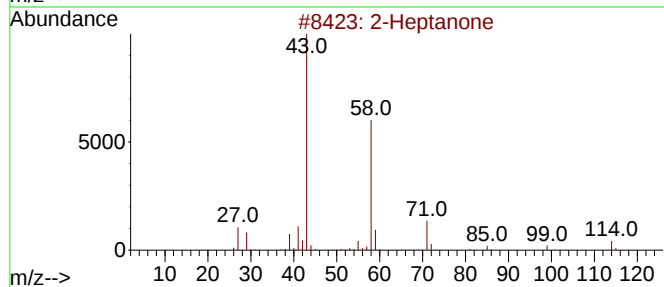
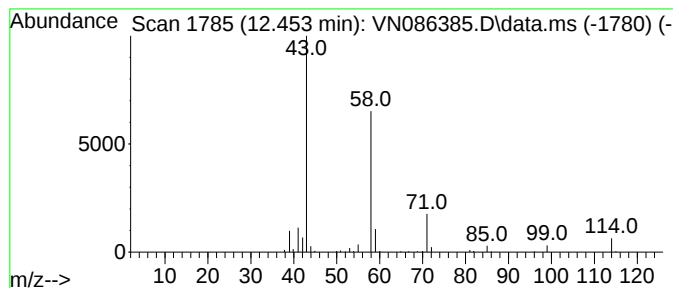
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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	15.11 ug/l	234234	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-Heptanone			114	C7H14O	000110-43-0	91
4	2-Heptanone			114	C7H14O	000110-43-0	90
5	2-Hexanone, 5-methyl-			114	C7H14O	000110-12-3	83



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ClientSampleId :
EFF-WASTE-WATER

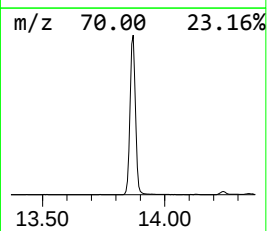
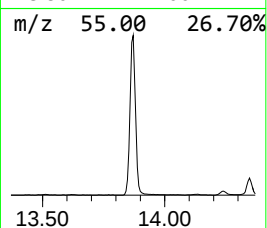
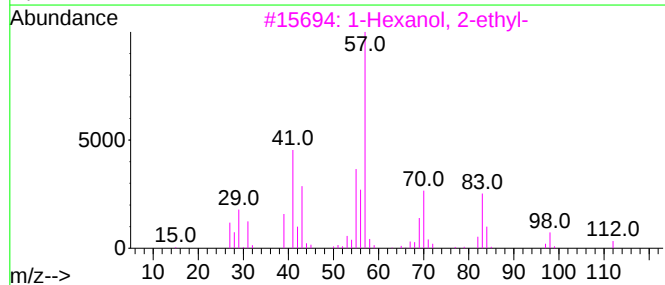
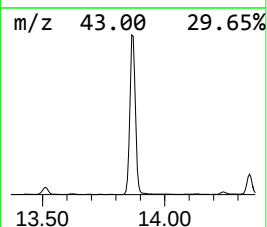
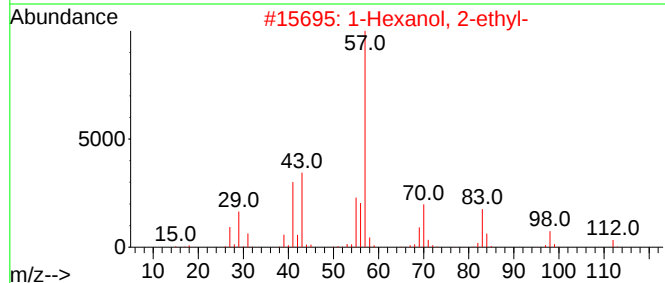
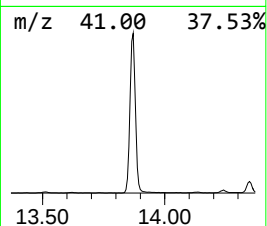
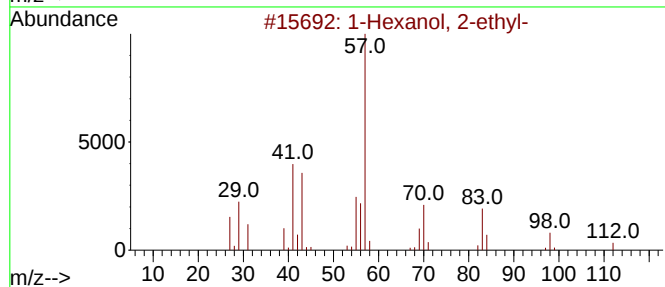
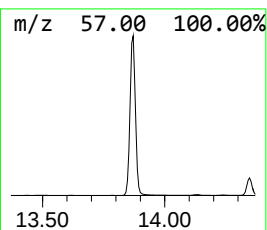
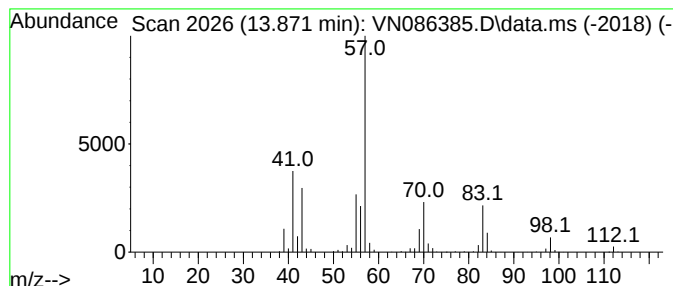
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Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.871	164.54 ug/l	2550060	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	64
5	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	59



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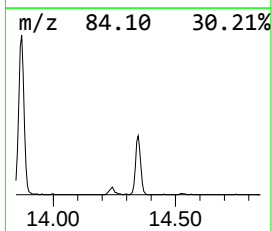
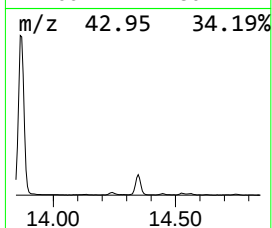
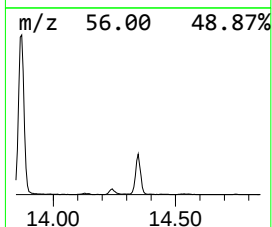
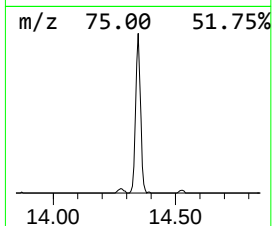
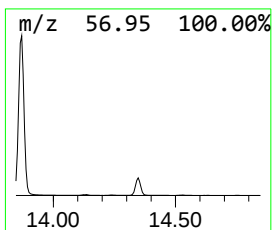
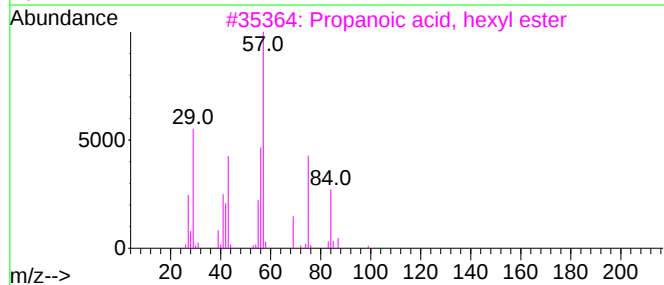
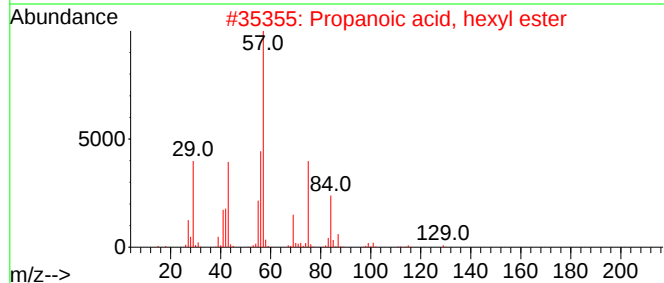
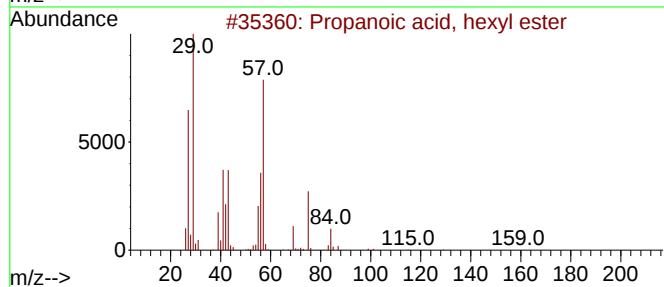
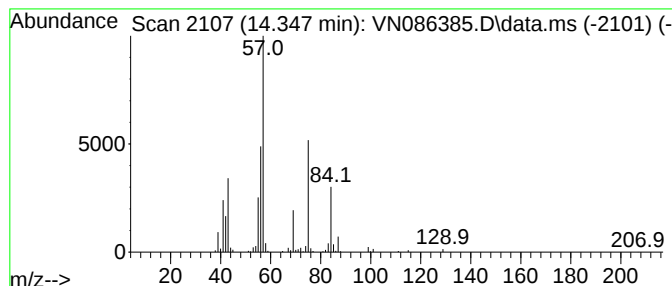
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Peak Number 4 Propanoic acid, hexyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.347	20.19 ug/l	312903	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, hexyl ester	158	C9H18O2	002445-76-3	83
2			Propanoic acid, hexyl ester	158	C9H18O2	002445-76-3	83
3			Propanoic acid, hexyl ester	158	C9H18O2	002445-76-3	83
4			Propanoic acid, hexyl ester	158	C9H18O2	002445-76-3	72
5			Propanoic acid, heptyl ester	172	C10H20O2	002216-81-1	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	4.718	2632.9	ug/l	16887700	1	7.812	192422	30.0
2-Heptanone	12.453	15.1	ug/l	234234	3	11.865	464951	30.0
1-Hexanol, 2-et...	13.871	164.5	ug/l	2550060	3	11.865	464951	30.0
Propanoic acid,...	14.347	20.2	ug/l	312903	3	11.865	464951	30.0