

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
Data File : VN086665.D
Acq On : 16 May 2025 13:54
Operator : JC\MD
Sample : Q2006-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

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\624N042325W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN086665.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	448	rBV	1311670	3959504	10.30%	8.499%
2	4.736	453	473	517	rBV	10907269	38455179	100.00%	82.547%
3	10.565	1454	1464	1474	rBV	346791	636400	1.65%	1.366%
4	11.865	1677	1685	1698	rVB	245229	439887	1.14%	0.944%
5	13.870	2019	2026	2041	rBV	1114185	1731830	4.50%	3.717%
6	14.347	2101	2107	2117	rVB	279865	401623	1.04%	0.862%
7	14.529	2131	2138	2148	rBV	657074	961456	2.50%	2.064%

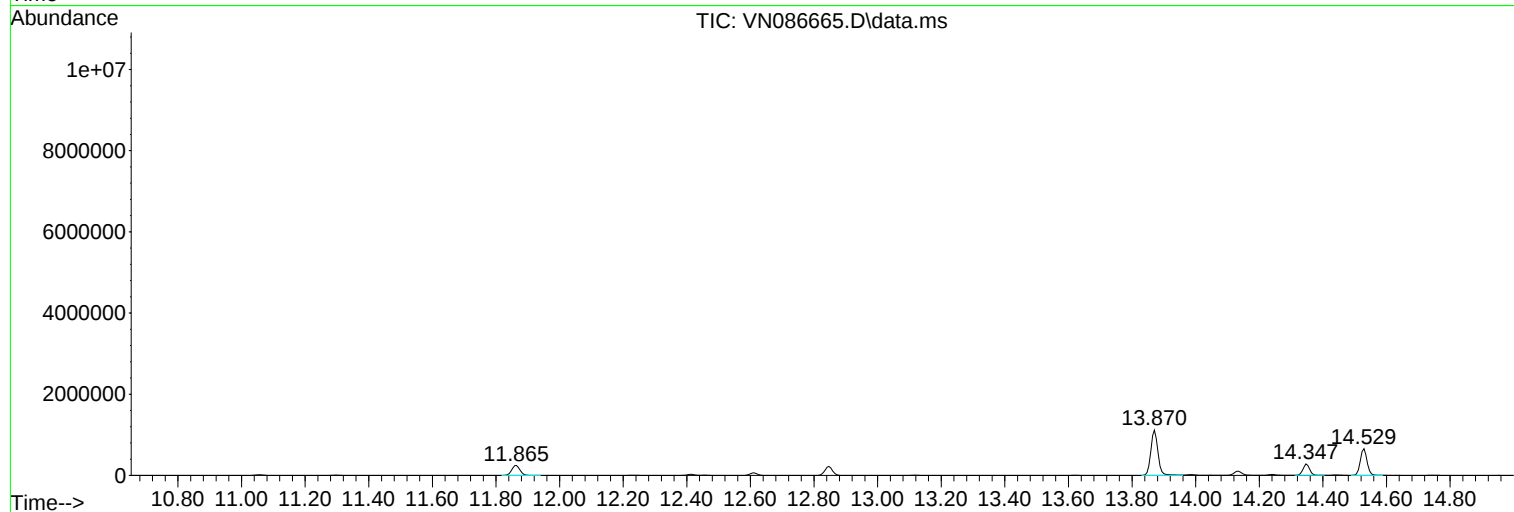
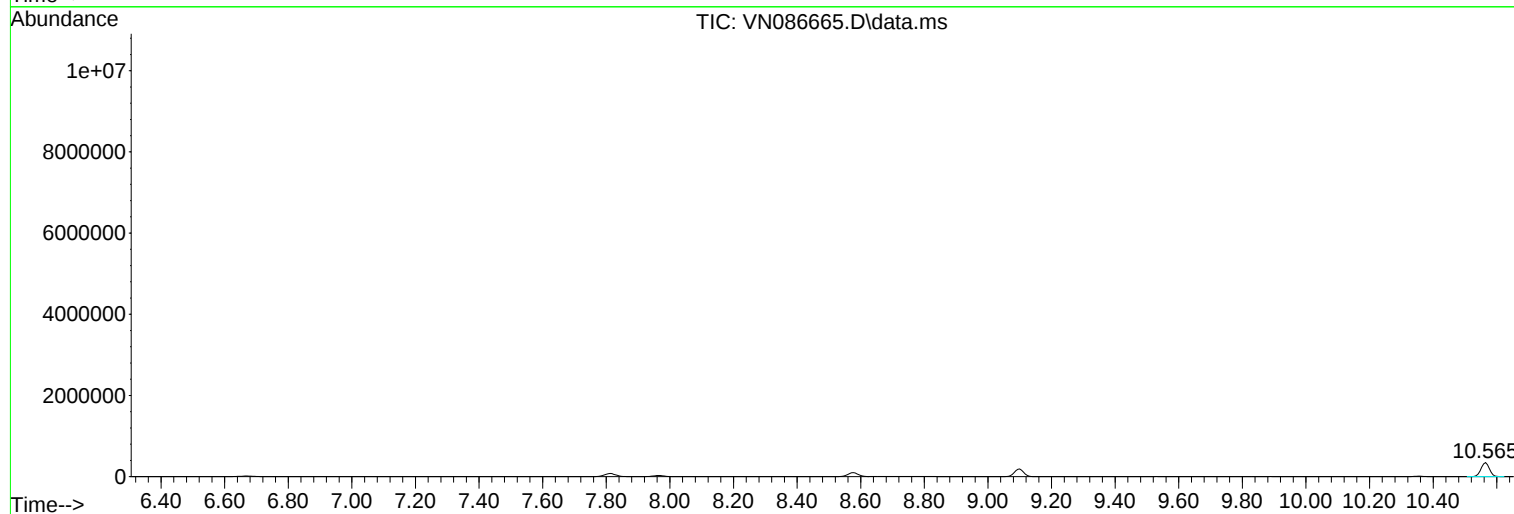
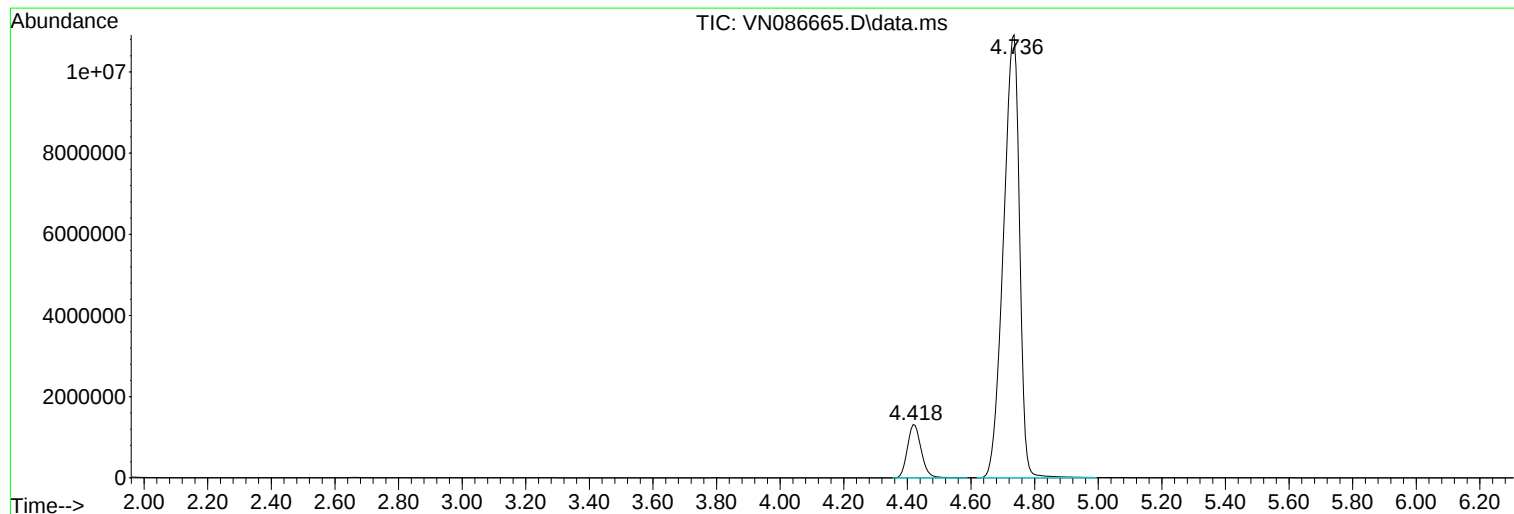
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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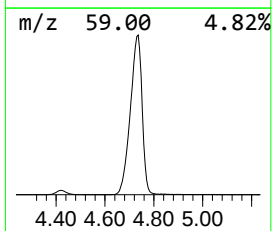
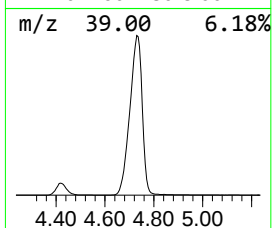
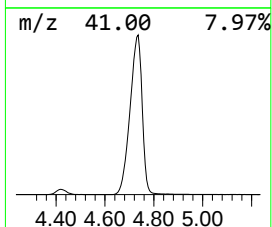
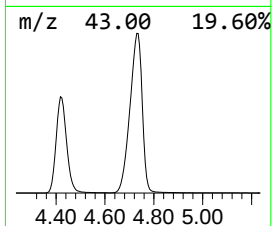
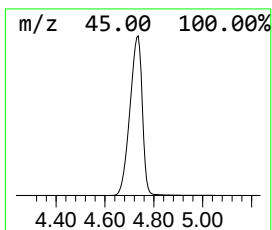
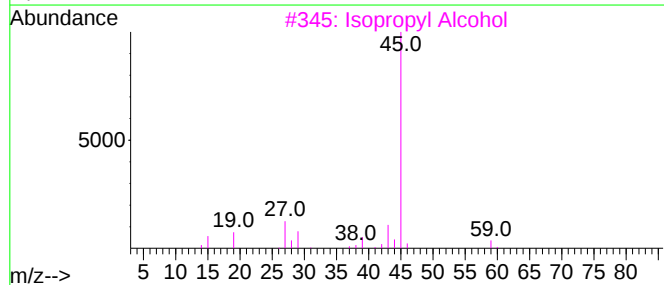
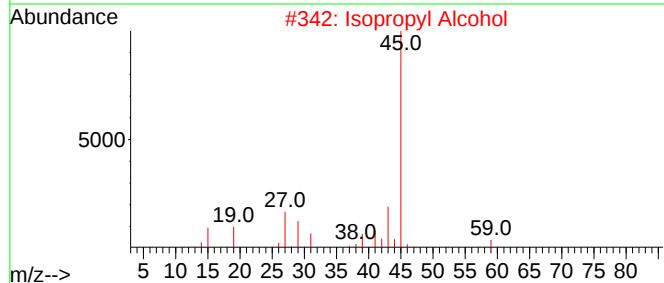
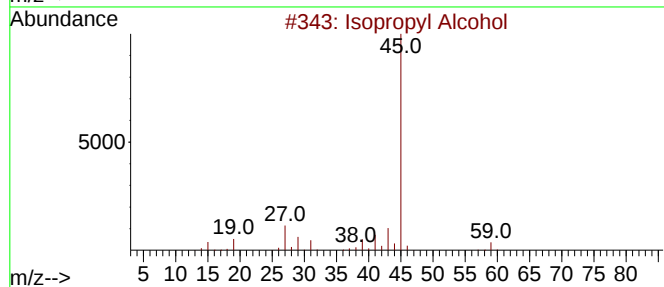
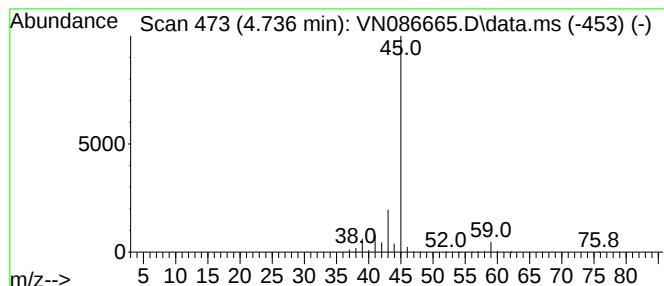
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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.
4.736	1812.78 ug/l	38455200	Bromochloromethane	7.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	90
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	83
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	9



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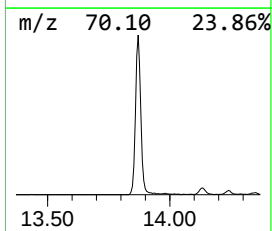
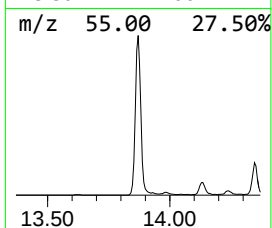
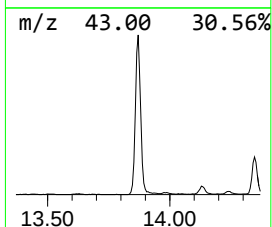
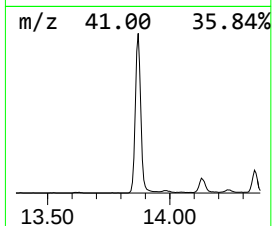
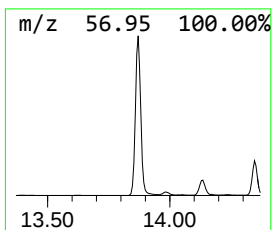
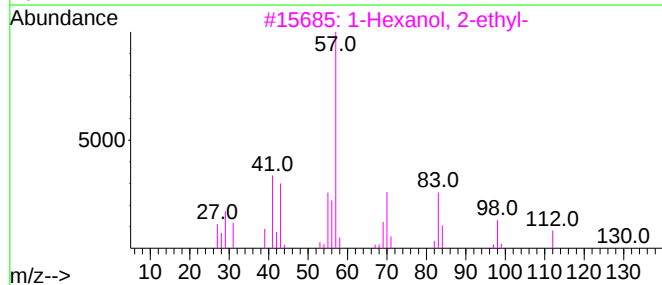
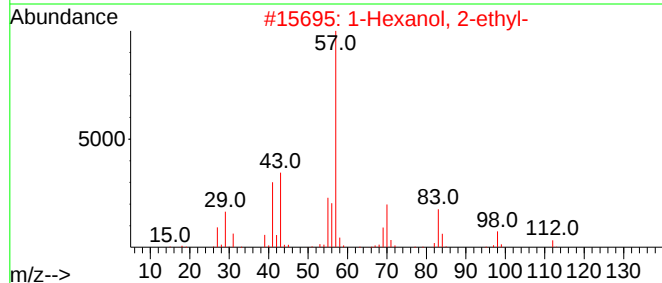
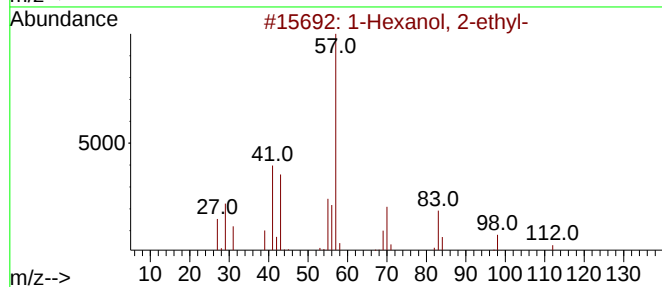
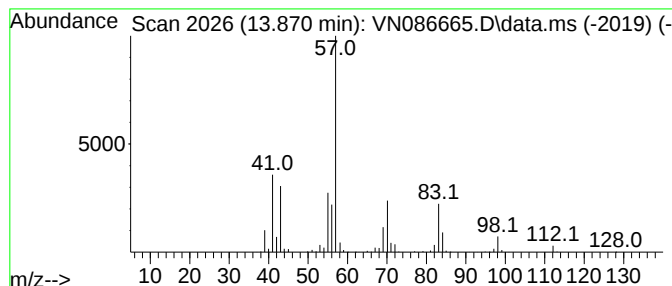
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.870	118.11 ug/l	1731830	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	78
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	72
5	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	59



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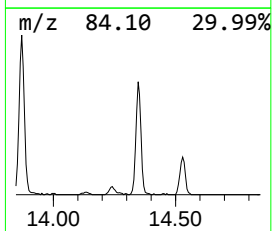
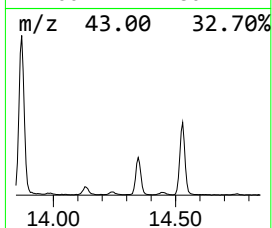
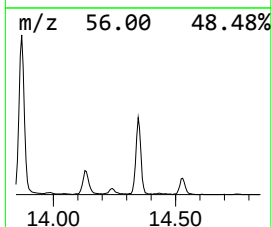
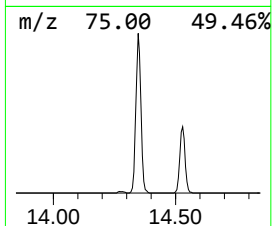
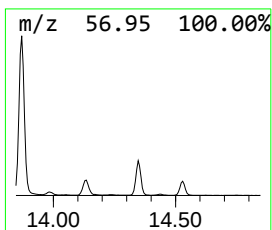
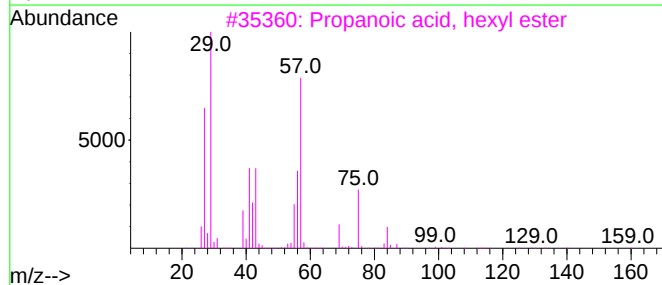
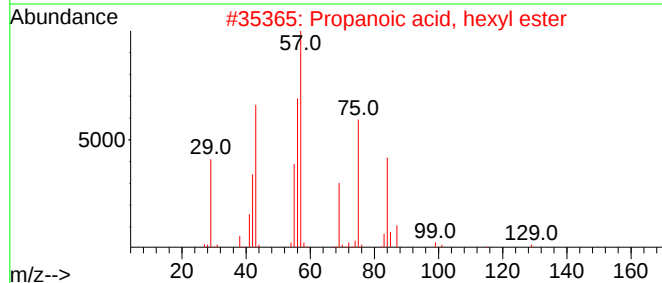
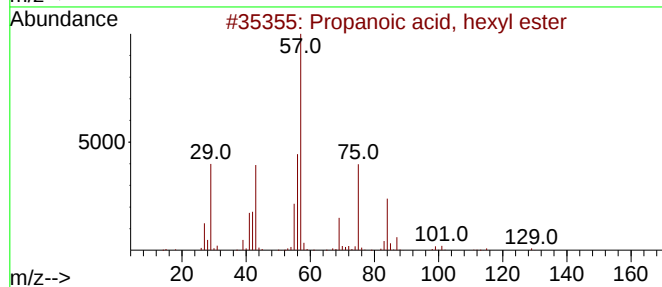
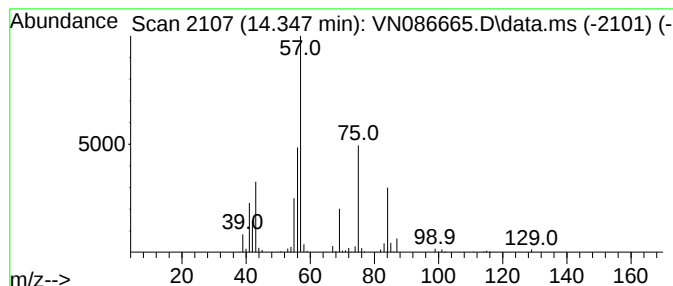
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Peak Number 3 Propanoic acid, hexyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.347	27.39 ug/l	401623	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, hexyl ester	158	C9H18O2	002445-76-3	90
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	83
5			Propanoic acid, heptyl ester	172	C10H20O2	002216-81-1	45



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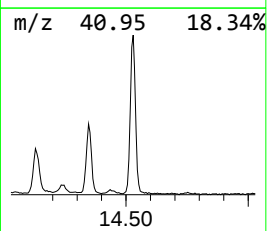
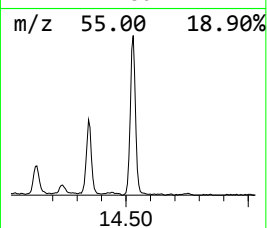
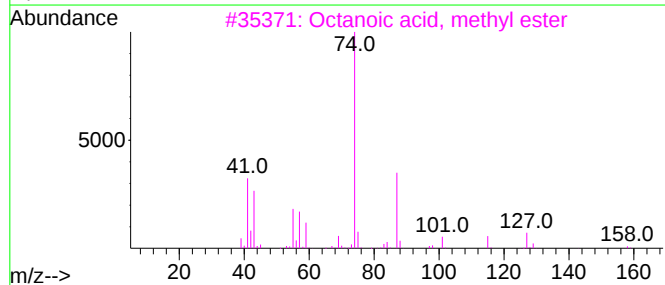
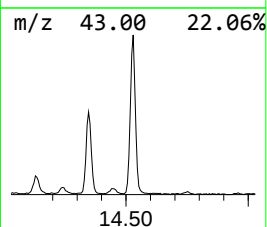
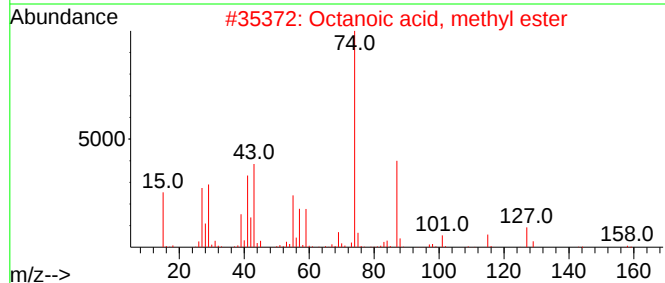
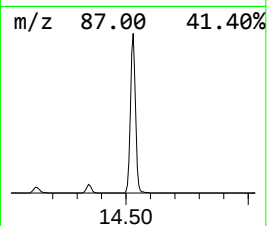
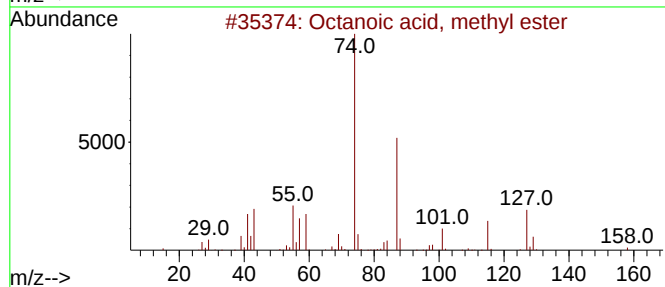
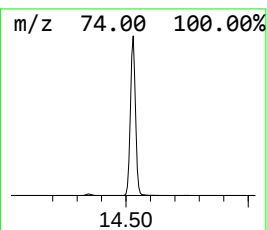
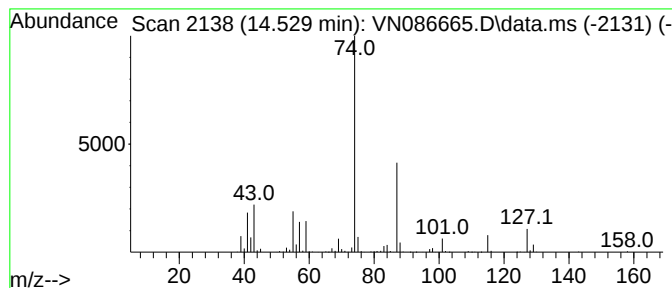
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Peak Number 4 Octanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.529	65.57 ug/l	961456	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	96
2			Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	91
3			Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	90
4			Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	78
5			Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	4.736	1812.8	ug/l	38455200	1	7.812	636400	30.0
1-Hexanol, 2-et...	13.870	118.1	ug/l	1731830	3	11.865	439887	30.0
Propanoic acid,...	14.347	27.4	ug/l	401623	3	11.865	439887	30.0
Octanoic acid, ...	14.529	65.6	ug/l	961456	3	11.865	439887	30.0