

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078380.D
 Acq On : 23 Jun 2023 16:03
 Operator : JC\MD
 Sample : 03324-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 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\624N062323W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN078380.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	132	rBV	322617	579157	4.32%	2.925%
2	4.441	414	423	435	rBV	85283	252589	1.88%	1.276%
3	4.724	464	471	486	rBV3	43555	149529	1.11%	0.755%
4	7.824	988	998	1007	rBV2	203566	517346	3.85%	2.613%
5	7.977	1015	1024	1034	rVB	83260	204477	1.52%	1.033%
6	8.588	1120	1128	1140	rBV	214942	481388	3.59%	2.431%
7	9.106	1206	1216	1235	rBV	476153	979814	7.30%	4.948%
8	10.571	1456	1465	1478	rBV	713241	1344201	10.02%	6.789%
9	11.870	1676	1686	1698	rBV	571802	1060495	7.90%	5.356%
10	12.853	1845	1853	1862	rBV	356455	622527	4.64%	3.144%
11	13.876	2019	2027	2048	rBV	8808037	13421161	100.00%	67.782%
12	14.535	2131	2139	2147	rBV	116907	187728	1.40%	0.948%

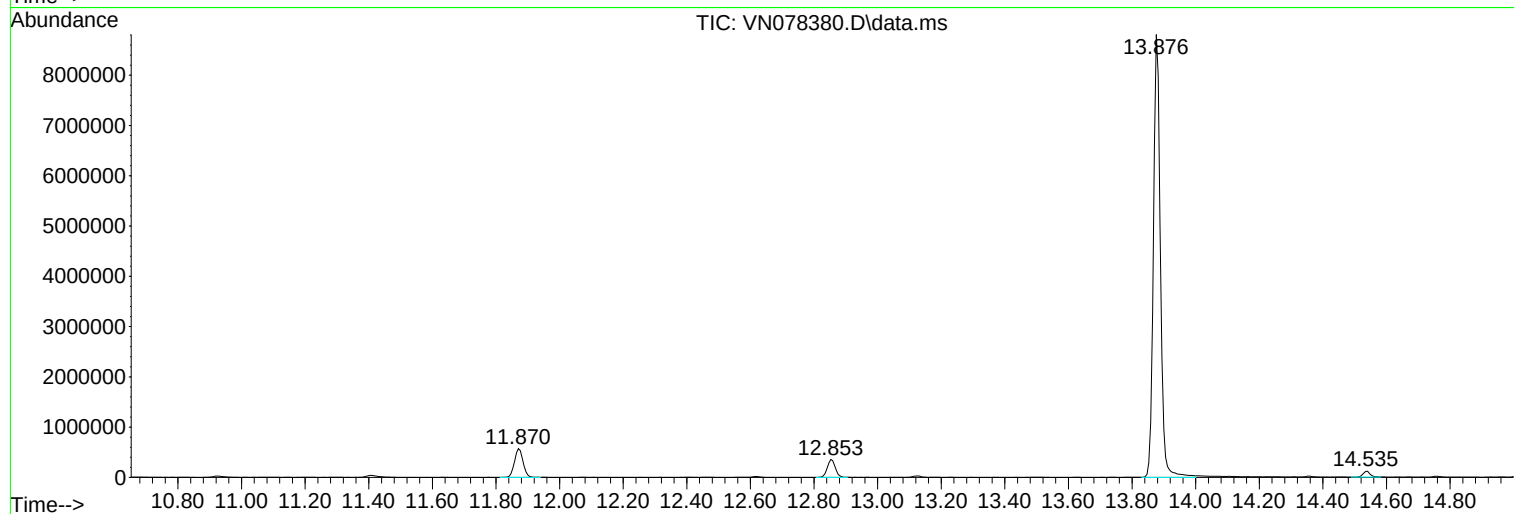
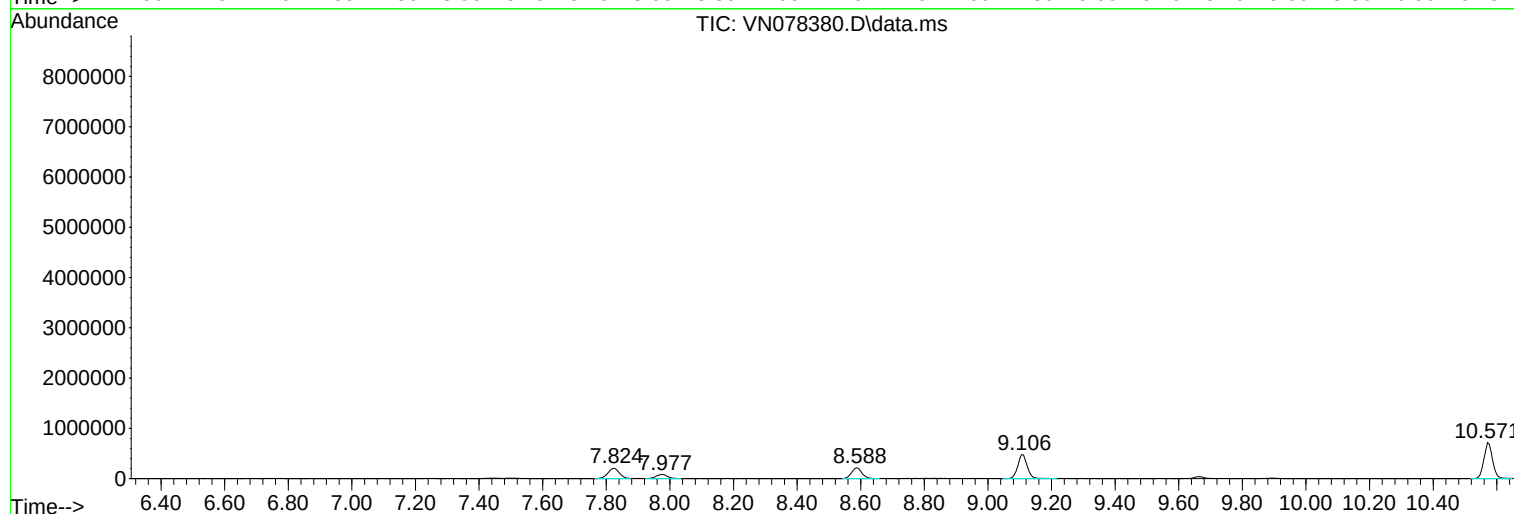
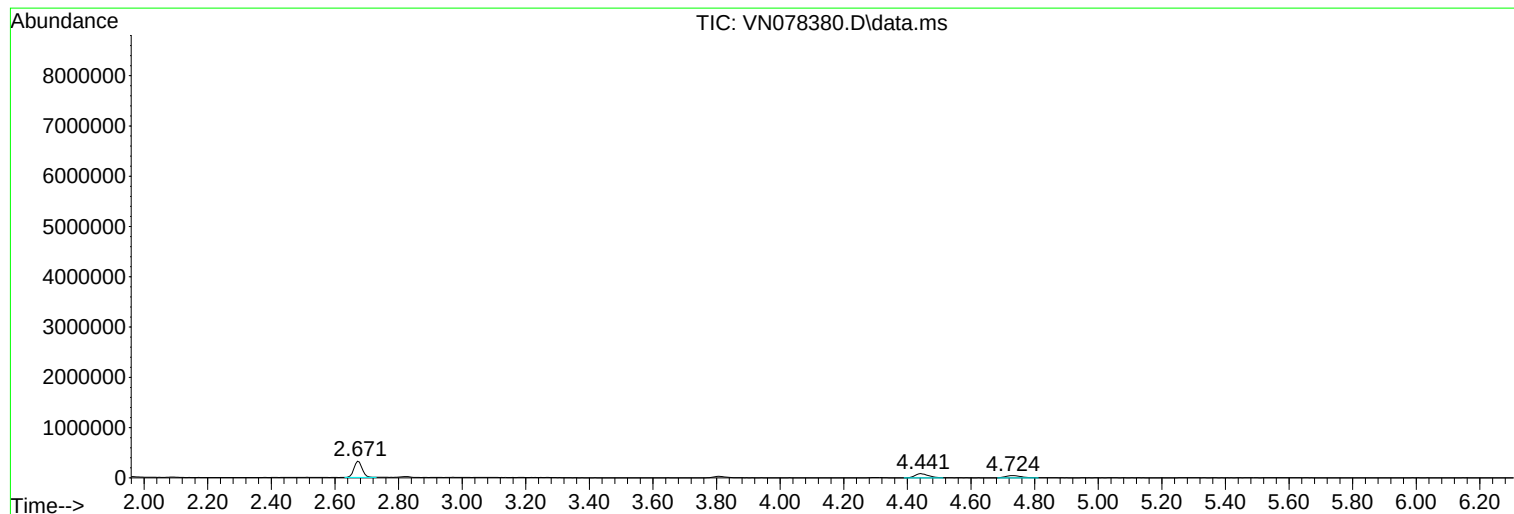
Sum of corrected areas: 19800412

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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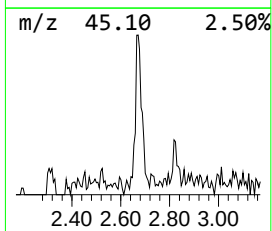
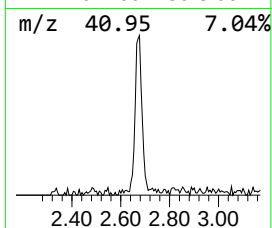
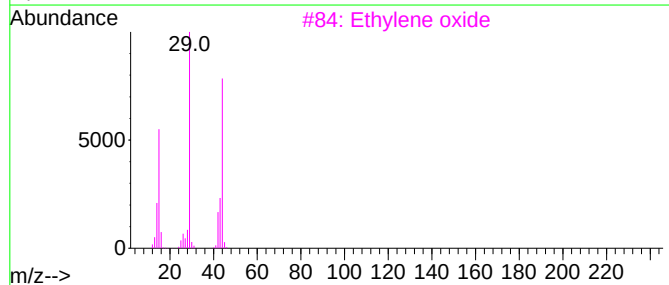
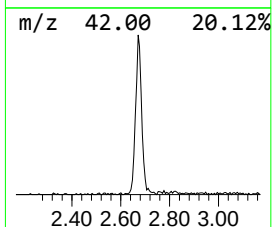
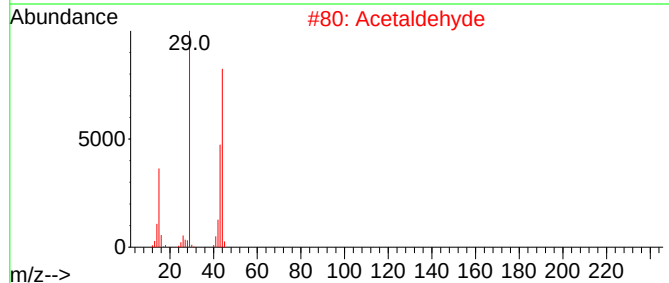
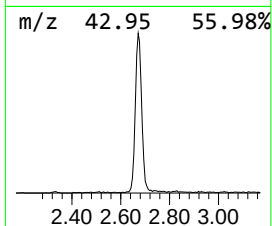
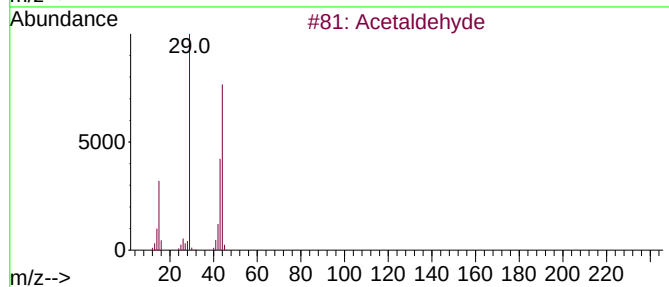
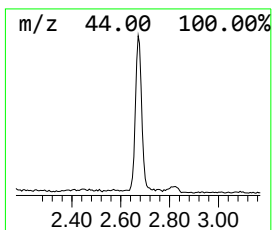
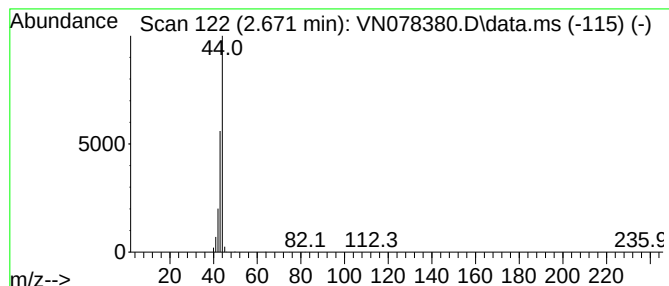
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 unknown2.671 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.671	33.58 ug/l	579157	Bromochloromethane	7.824

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetaldehyde	44	C2H4O	000075-07-0	9
2		Acetaldehyde	44	C2H4O	000075-07-0	9
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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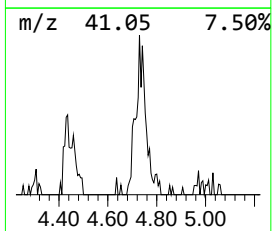
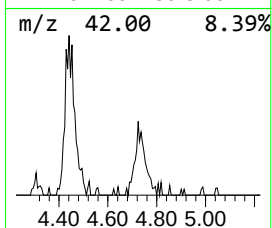
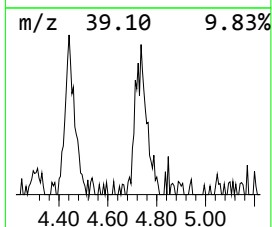
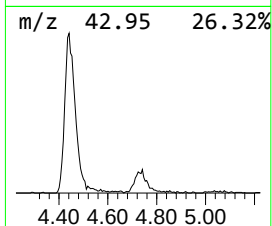
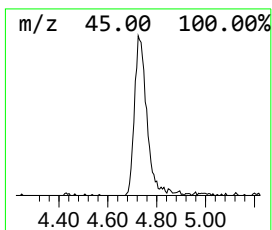
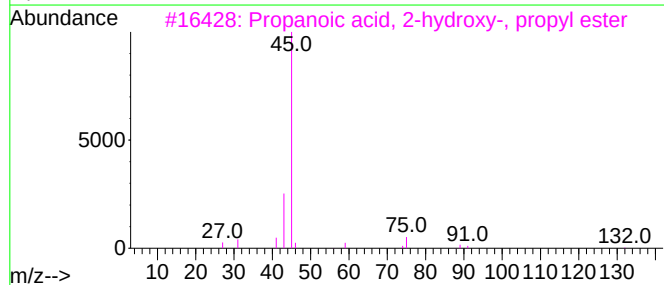
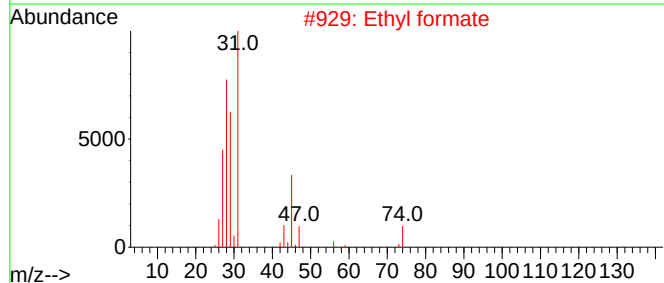
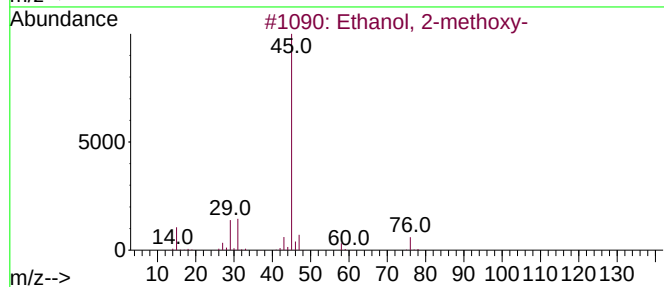
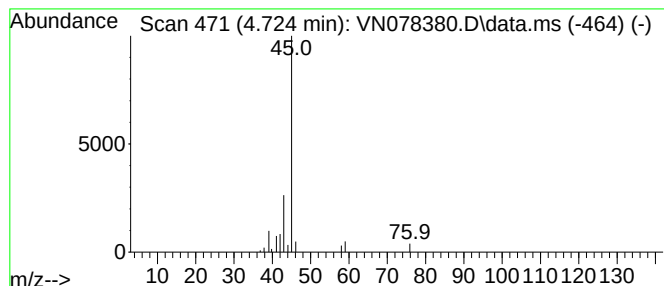
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 2 unknown4.724 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.724	8.67 ug/l	149529	Bromochloromethane	7.824

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	4
2			Ethyl formate	74	C3H6O2	000109-94-4	4
3			Propanoic acid, 2-hydroxy-, prop...	132	C6H12O3	000616-09-1	4
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	4
5			Isoamyl lactate	160	C8H16O3	019329-89-6	4



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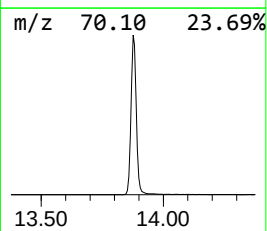
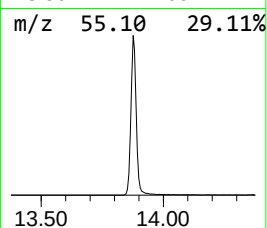
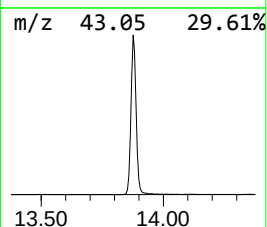
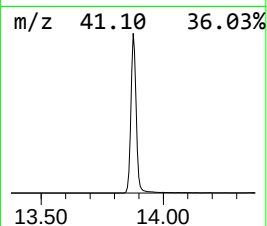
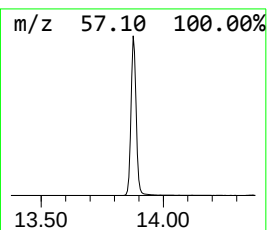
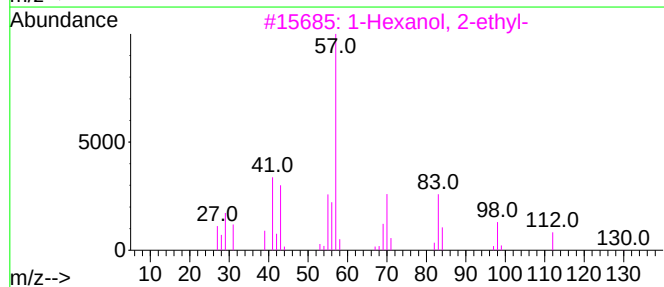
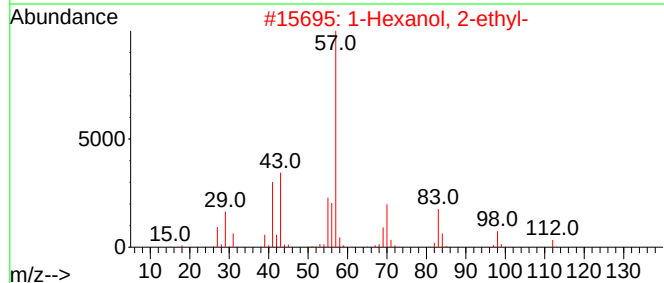
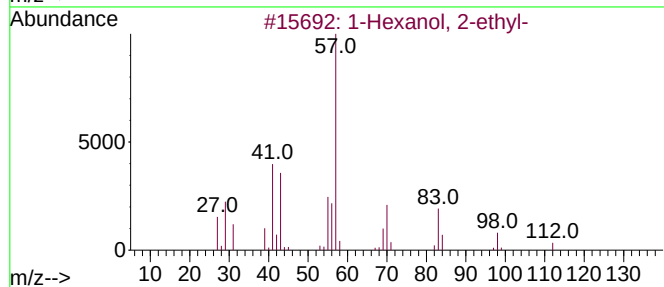
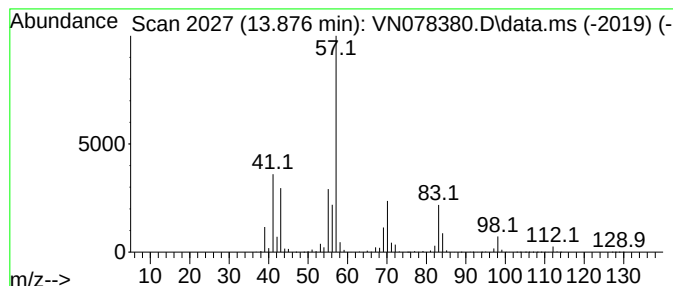
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Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.876	379.67 ug/l	13421200	Chlorobenzene-d5	11.870

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	78
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	59
5	1-Pentanol, 2-ethyl-4-methyl-			130	C8H18O	000106-67-2	56



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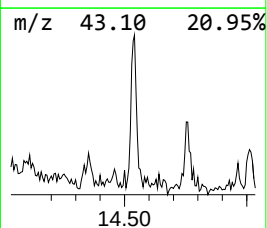
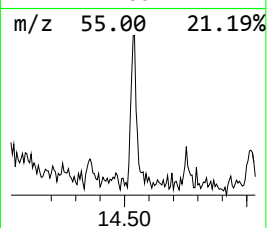
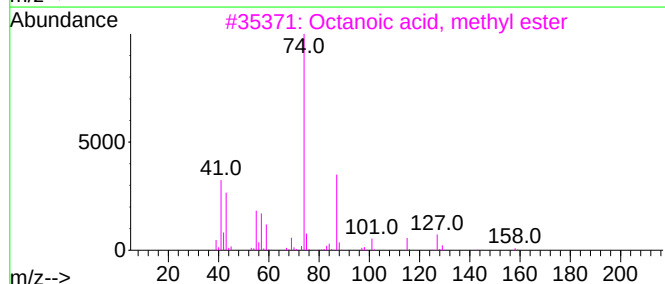
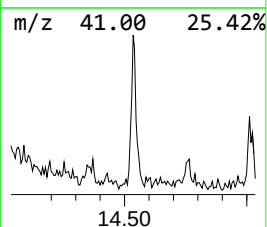
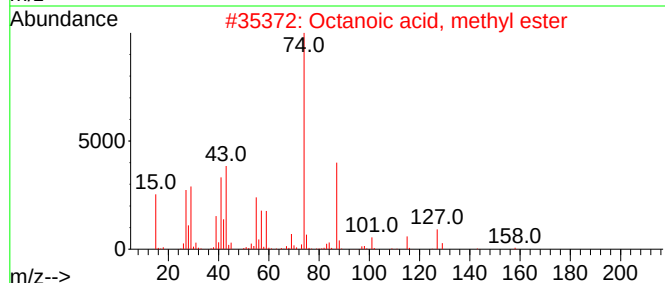
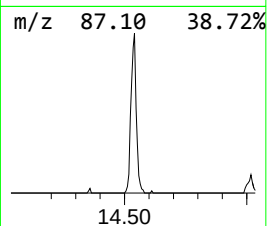
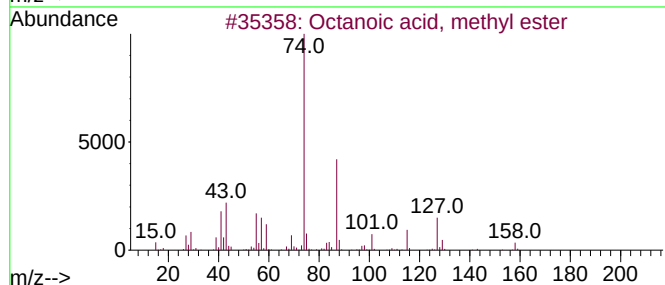
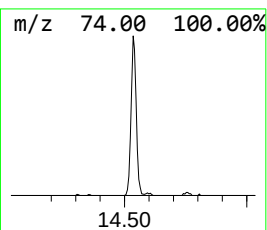
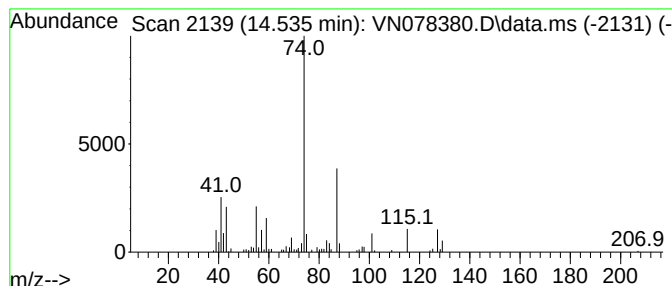
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Peak Number 4 Octanoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.535	5.31 ug/l	187728	Chlorobenzene-d5	11.870

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	90
2			Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	83
3			Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	83
4			Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	72
5			Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown2.671	2.671	33.6	ug/l	579157	1	7.824	517346	30.0
unknown4.724	4.724	8.7	ug/l	149529	1	7.824	517346	30.0
1-Hexanol, 2-et...	13.876	379.7	ug/l	13421200	3	11.870	1060500	30.0
Octanoic acid, ...	14.535	5.3	ug/l	187728	3	11.870	1060500	30.0