

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041547.D
 Acq On : 15 May 2024 18:15
 Operator : JC/MD
 Sample : P2464-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 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_X\Method\624X051524W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX041547.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.099	159	166	192	rVB	126189	253246	3.62%	2.121%
2	2.386	207	213	234	rBV	419183	766616	10.97%	6.421%
3	2.581	234	245	261	rBV	3040660	6988540	100.00%	58.536%
4	2.709	261	266	275	rVB	51744	109069	1.56%	0.914%
5	4.714	586	595	616	rBV	109879	324868	4.65%	2.721%
6	4.897	616	625	644	rVB2	56007	174930	2.50%	1.465%
7	5.952	789	798	814	rBV	63098	172046	2.46%	1.441%
8	6.757	922	930	947	rBV	136959	335920	4.81%	2.814%
9	8.647	1234	1240	1255	rBV	287377	450511	6.45%	3.773%
10	10.055	1465	1471	1488	rBV	271543	391839	5.61%	3.282%
11	11.079	1634	1639	1654	rBV	233891	312669	4.47%	2.619%
12	12.219	1820	1826	1854	rBV	1147825	1559289	22.31%	13.061%
13	12.871	1928	1933	1943	rBV	77107	99352	1.42%	0.832%

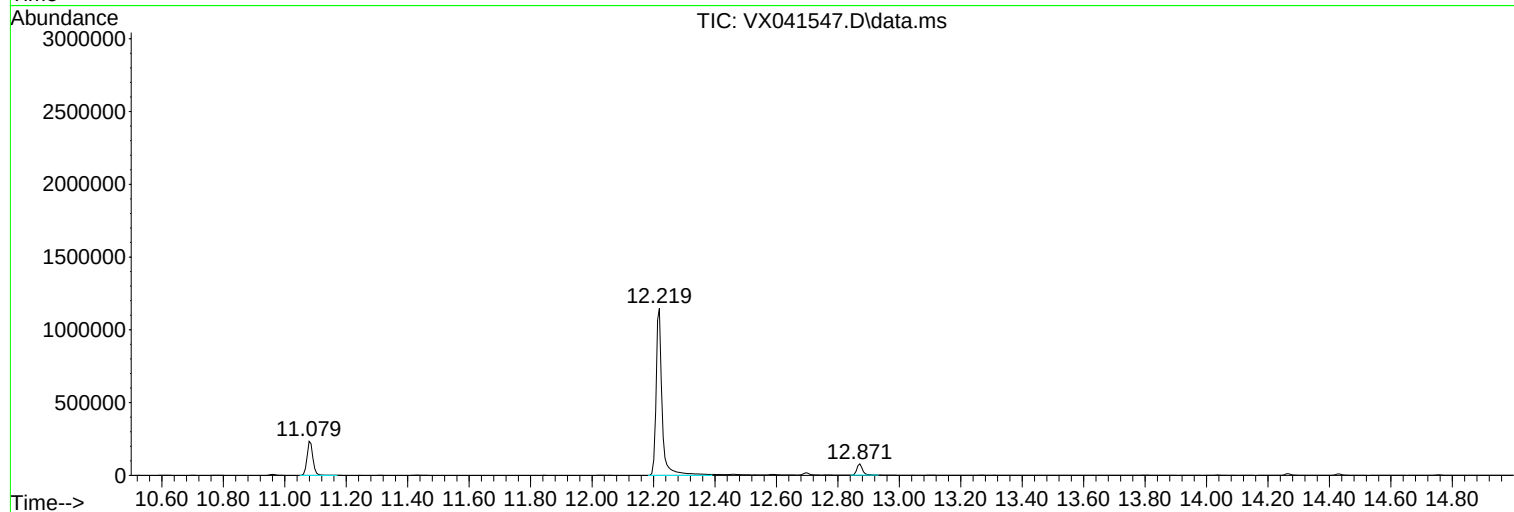
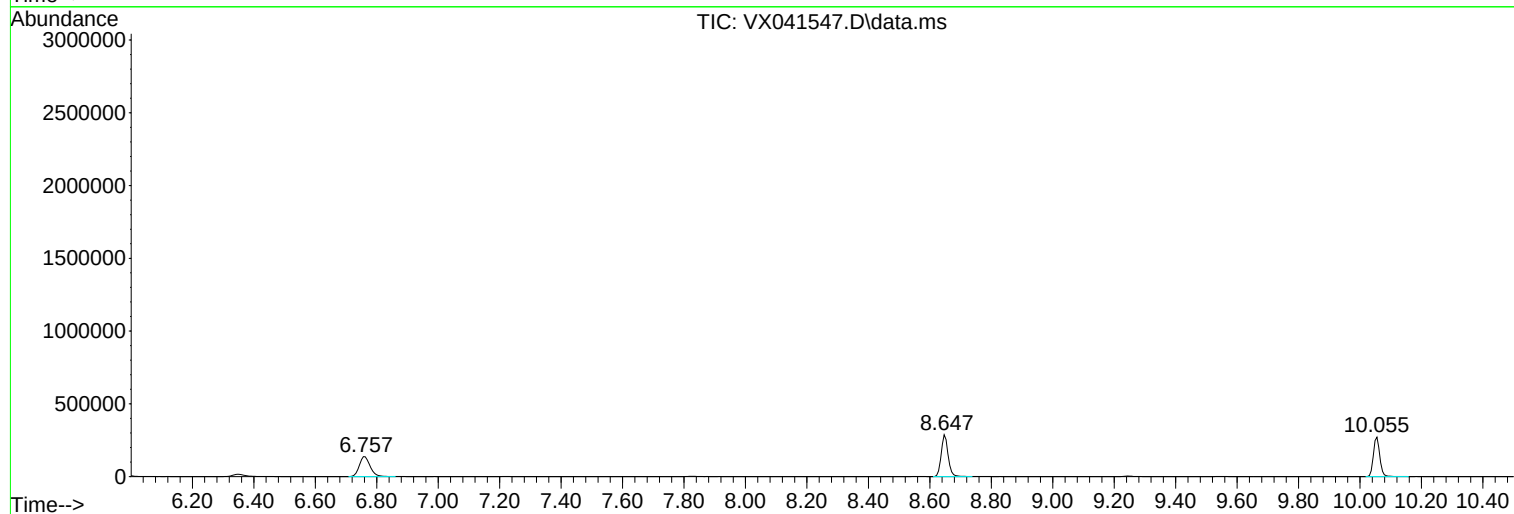
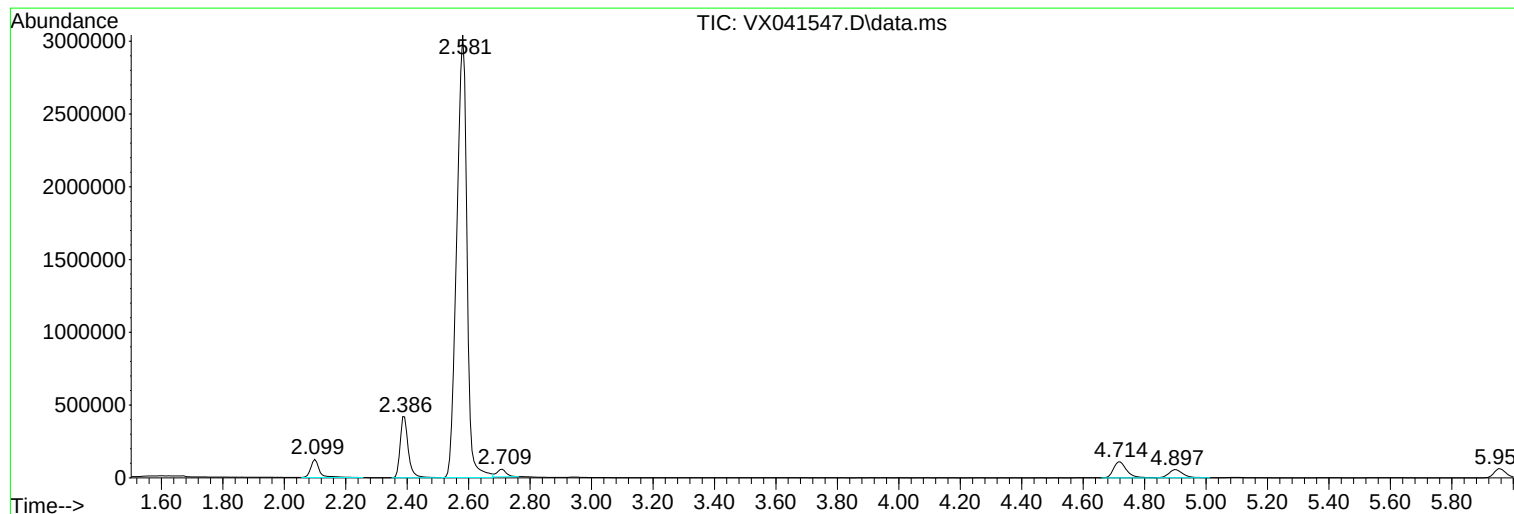
Sum of corrected areas: 11938895

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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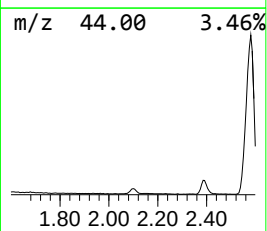
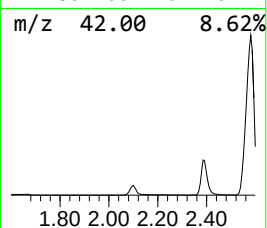
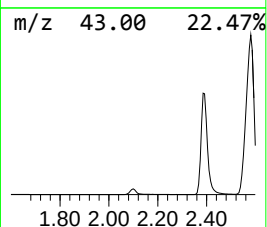
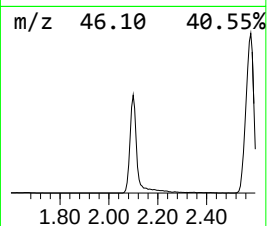
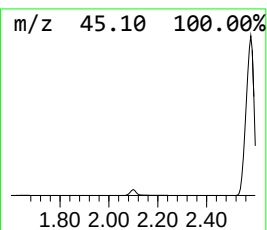
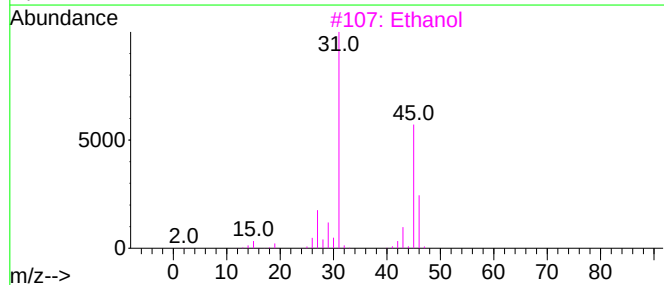
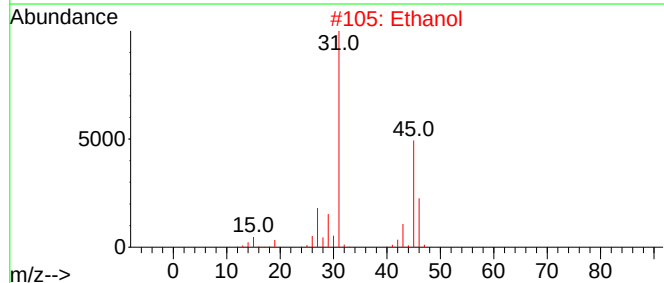
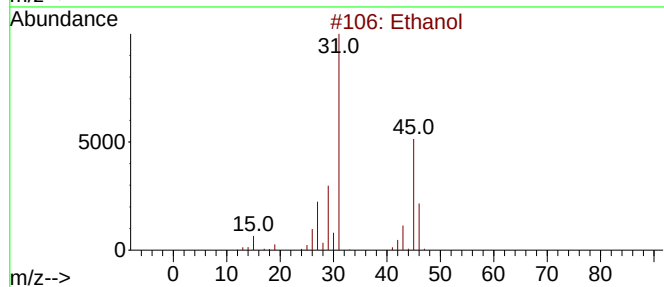
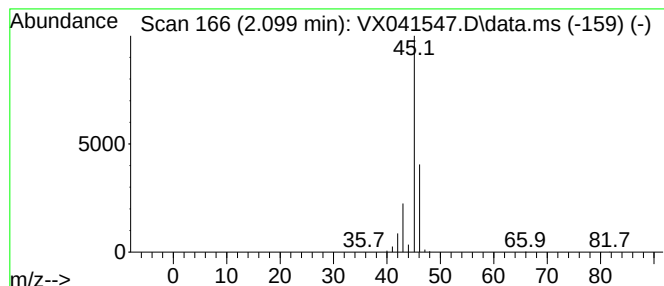
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Ethanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.099	43.43 ug/l	253246	Bromochloromethane	4.903

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol			46	C2H6O	000064-17-5	64
2	Ethanol			46	C2H6O	000064-17-5	64
3	Ethanol			46	C2H6O	000064-17-5	64
4	Dimethyl ether			46	C2H6O	000115-10-6	9
5	Ethanol			46	C2H6O	000064-17-5	9



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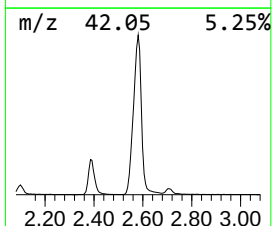
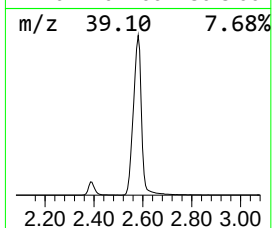
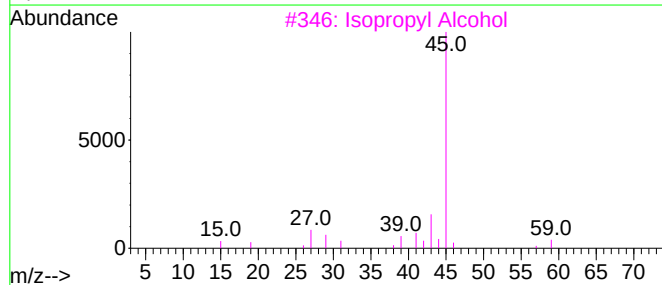
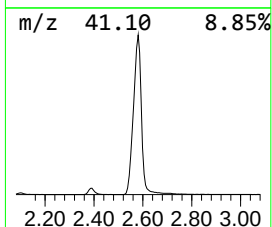
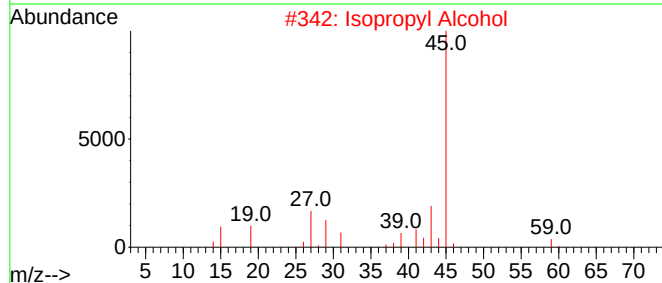
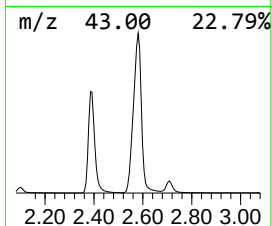
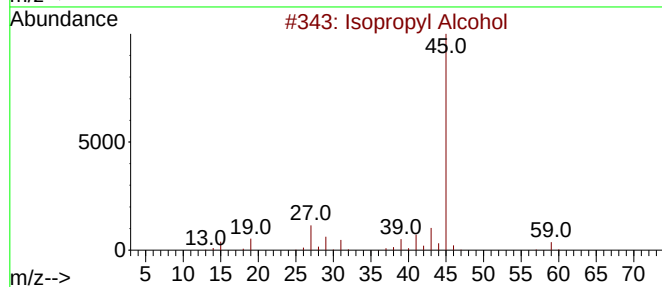
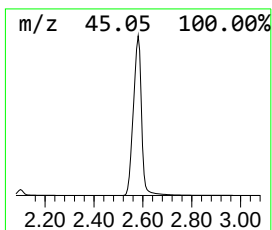
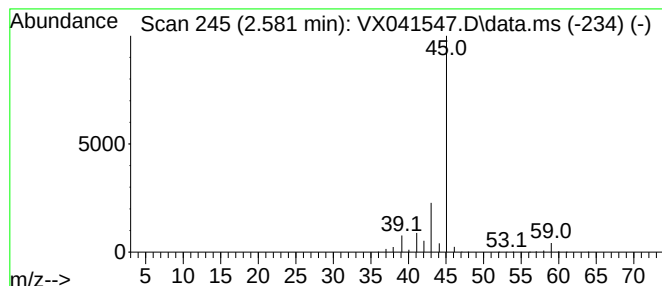
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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.
2.581	1198.51 ug/l	6988540	Bromochloromethane	4.903

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	56
5			Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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Instrument :
MSVOA_X
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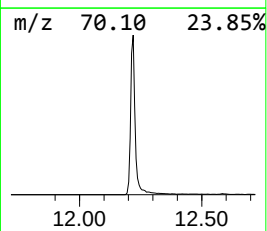
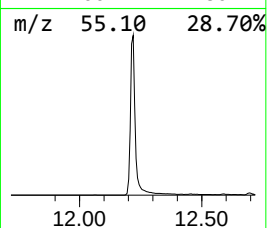
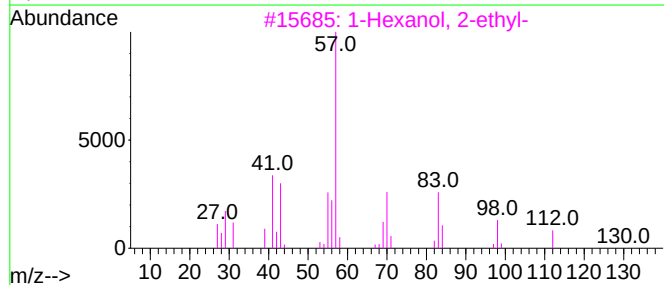
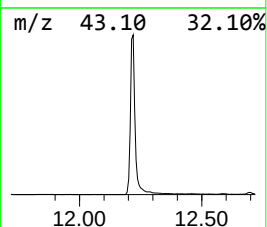
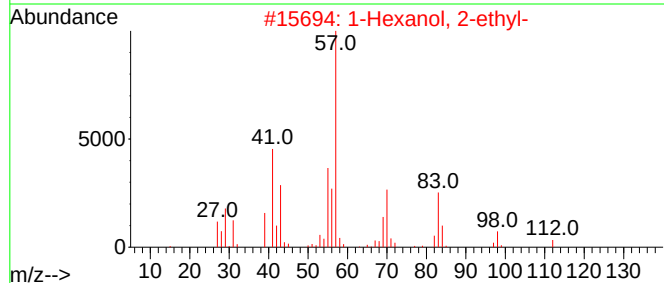
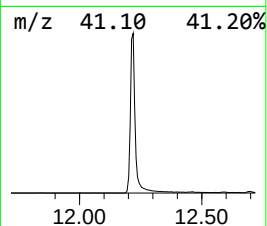
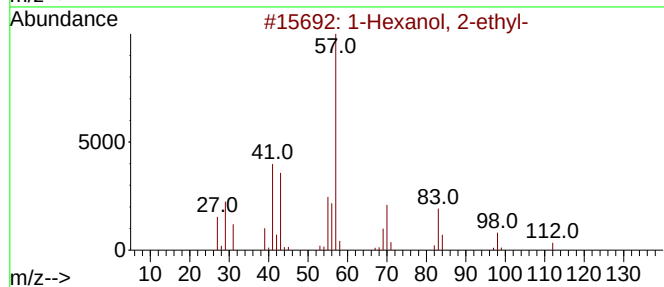
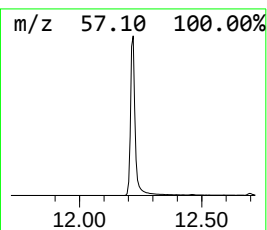
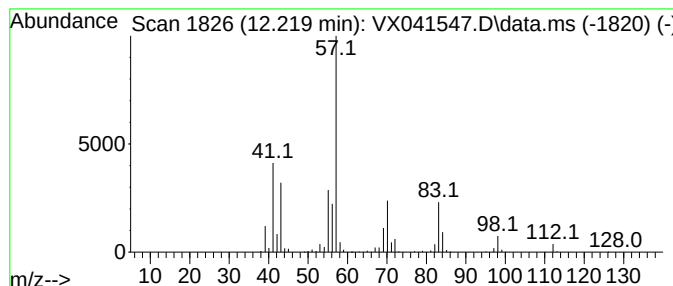
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Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.219	119.38 ug/l	1559290	Chlorobenzene-d5	10.055

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	90
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	72



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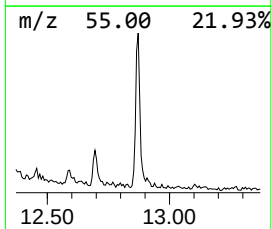
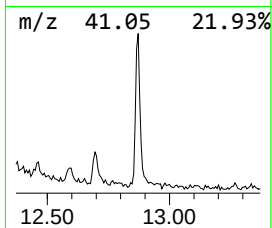
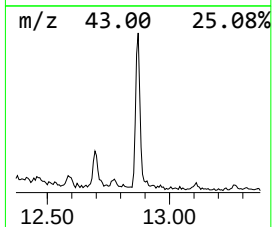
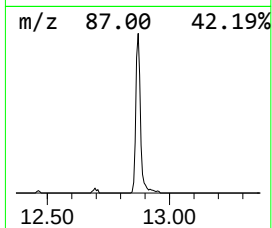
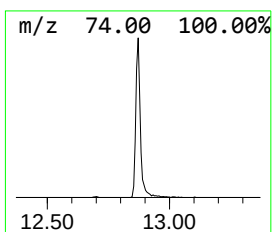
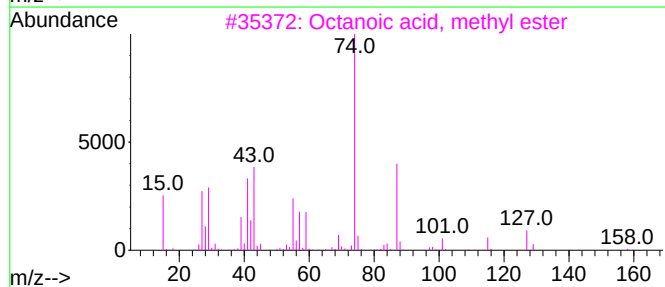
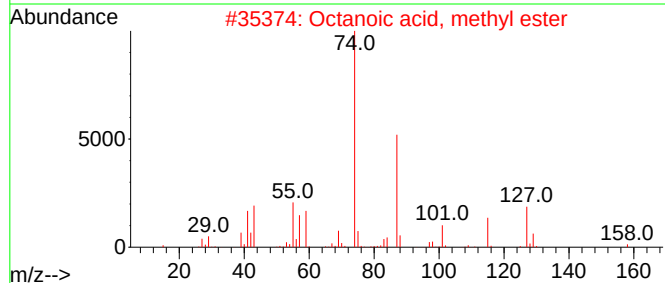
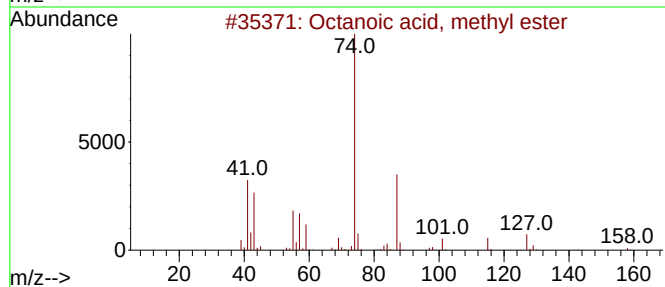
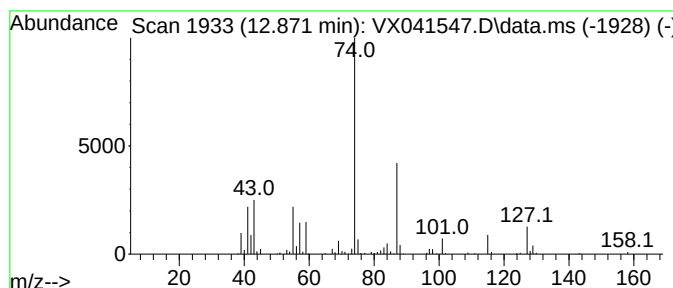
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Peak Number 4 Octanoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.871	7.61 ug/l	99352	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	95
2			Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	95
3			Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	91
4			Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	90
5			Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol	2.099	43.4	ug/l	253246	1	4.903	174930	30.0
Isopropyl Alcohol	2.581	1198.5	ug/l	6988540	1	4.903	174930	30.0
1-Hexanol, 2-et...	12.219	119.4	ug/l	1559290	3	10.055	391839	30.0
Octanoic acid, ...	12.871	7.6	ug/l	99352	3	10.055	391839	30.0