

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101119\
Data File : VN058680.D
Acq On : 10 Oct 2019 21:30
Operator : JC/SP
Sample : K5301-01 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 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\624N101119W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.793	605	628	677	rBV	4239185	12710451	10.78%	8.277%
2	4.114	683	728	772	rBV	21308850	117933800	100.00%	76.801%
3	4.307	775	788	847	rVB	749050	2201559	1.87%	1.434%
4	8.149	1964	1983	2013	rBV	4428058	10057514	8.53%	6.550%
5	10.085	2572	2585	2601	rBV	755032	1377834	1.17%	0.897%
6	12.188	3228	3239	3251	rBV	985182	1513725	1.28%	0.986%
7	13.455	3621	3633	3662	rBV	2177067	3441513	2.92%	2.241%
8	14.114	3826	3838	3862	rBV	3027318	4320394	3.66%	2.814%

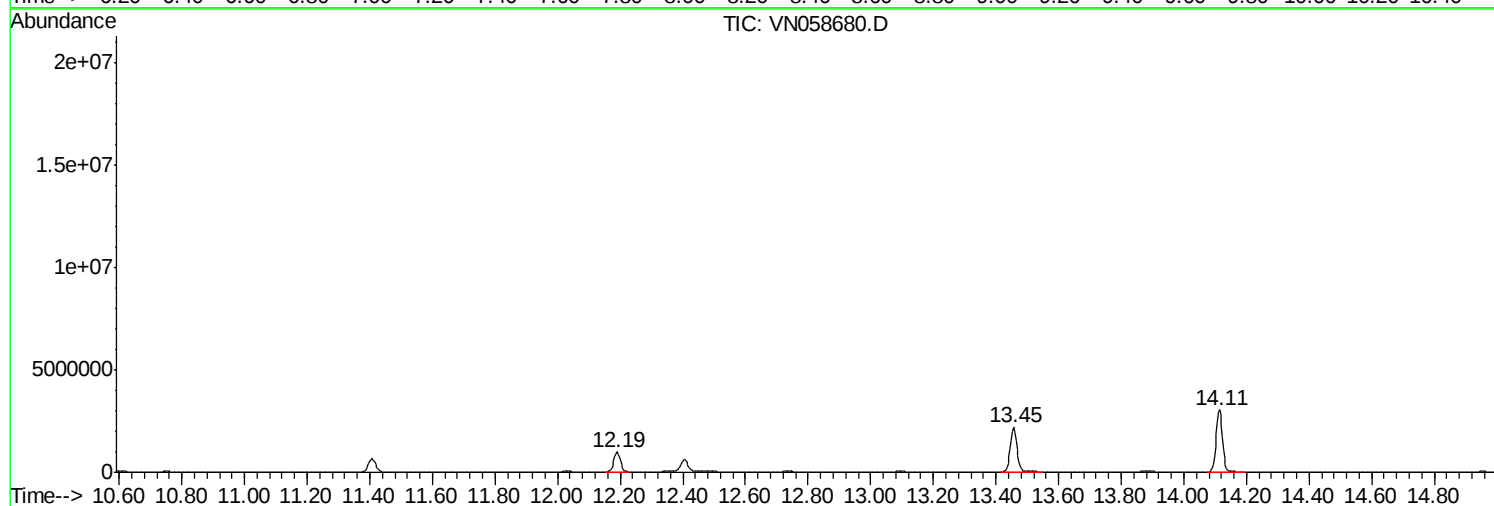
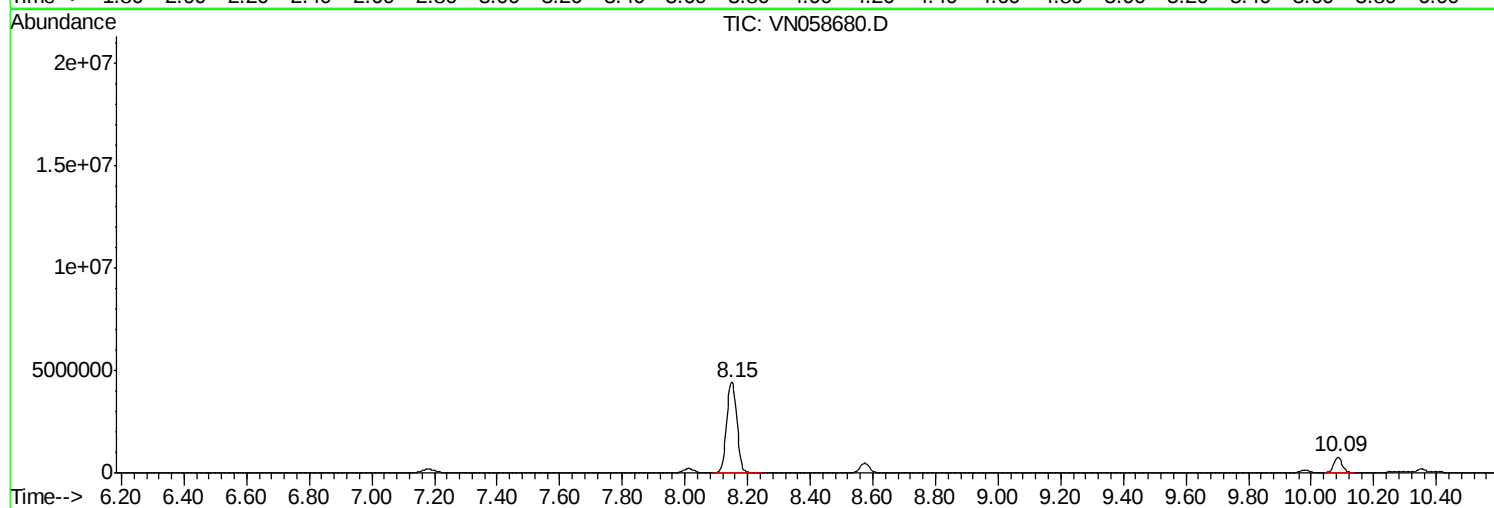
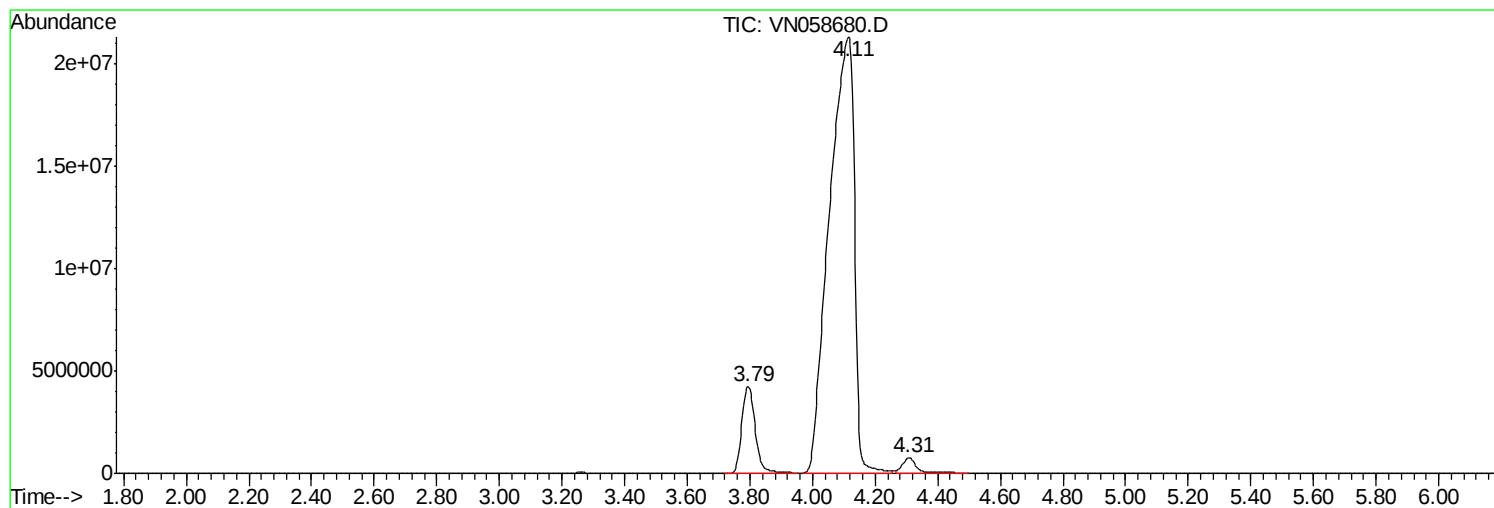
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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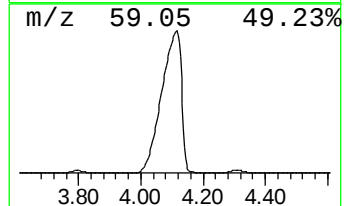
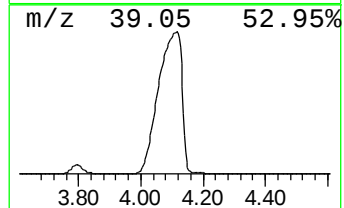
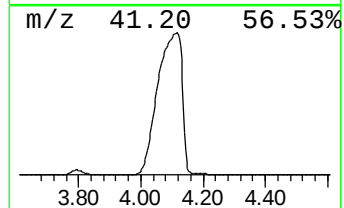
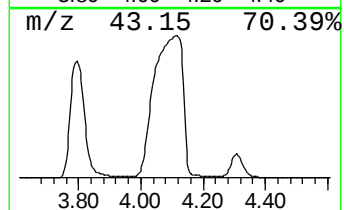
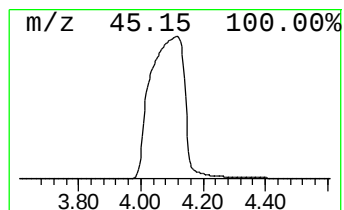
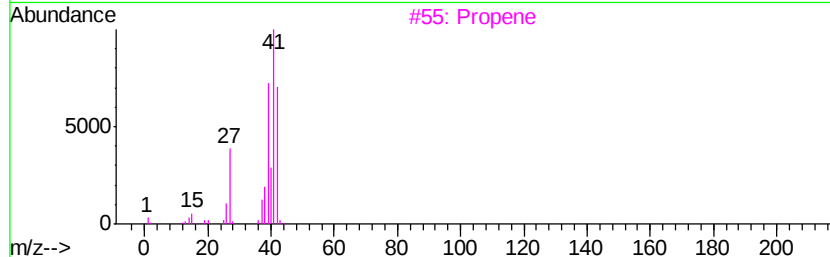
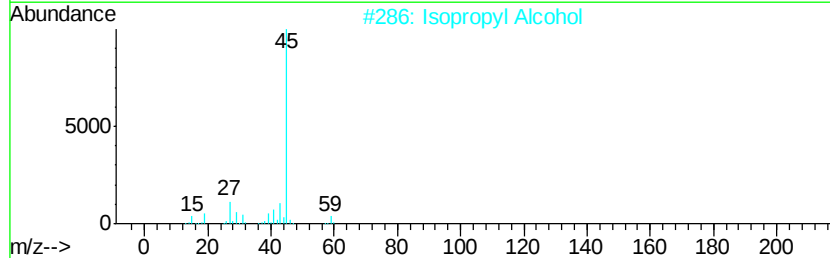
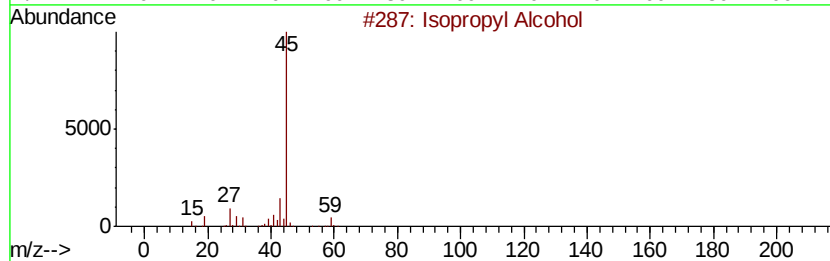
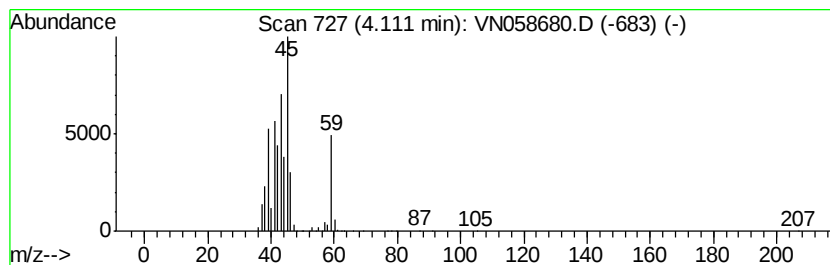
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown4.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	351.78 ug/l	117934000	Bromochloromethane	7.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	27
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3		Propene	42	C3H6	000115-07-1	9
4		Cyclopropene	40	C3H4	002781-85-3	9
5		Isopropyl Alcohol	60	C3H8O	000067-63-0	7



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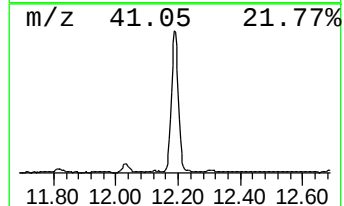
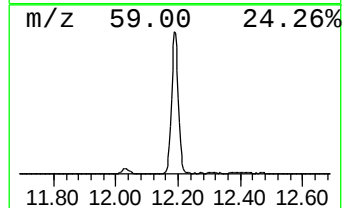
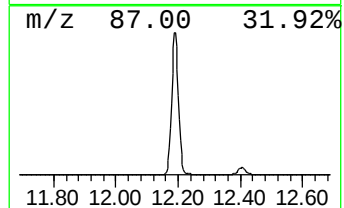
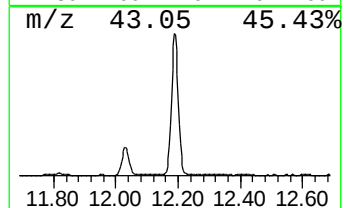
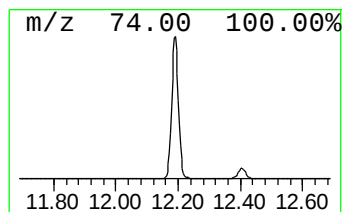
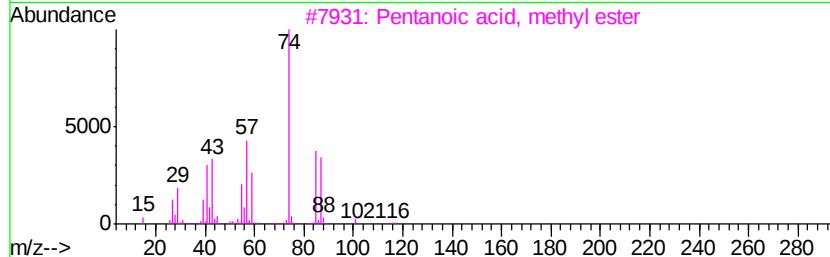
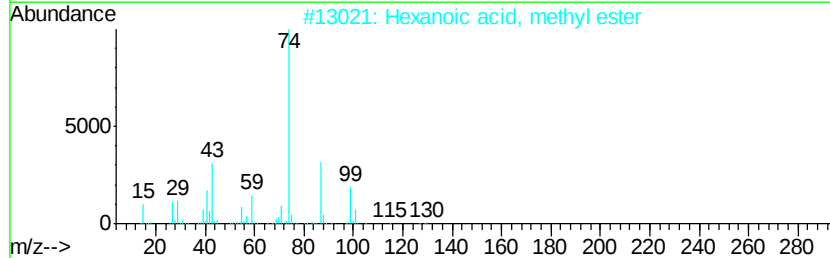
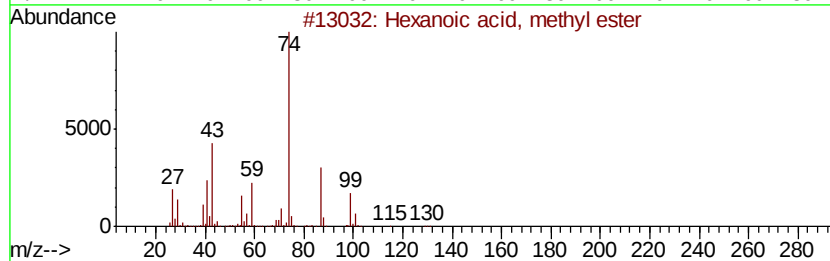
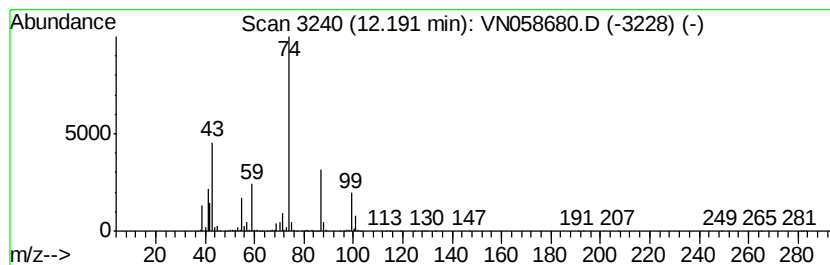
Instrument :
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ClientSampleId :
EFF-WASTE-WATER

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexanoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.19	30.00 ug/l	1513730	Chlorobenzene-d5	11.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	83	
2	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	80	
3	Pentanoic acid, methyl ester	116	C6H12O2	000624-24-8	53	
4	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	52	
5	Pentanoic acid, 3-methyl-, methyl...	130	C7H14O2	002177-78-8	50	



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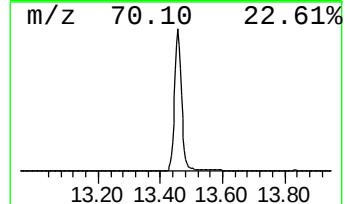
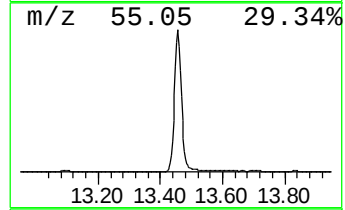
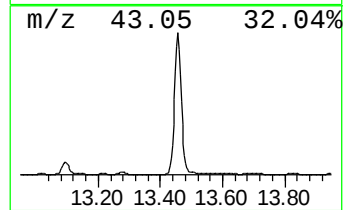
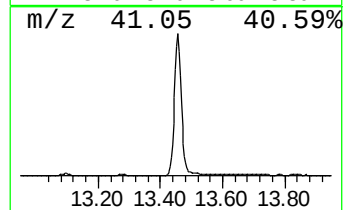
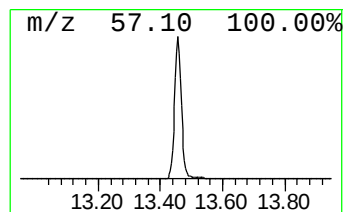
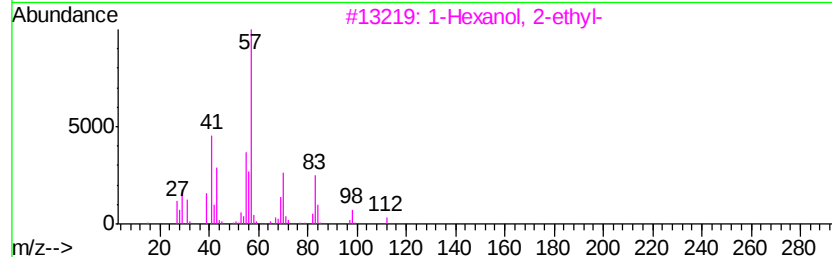
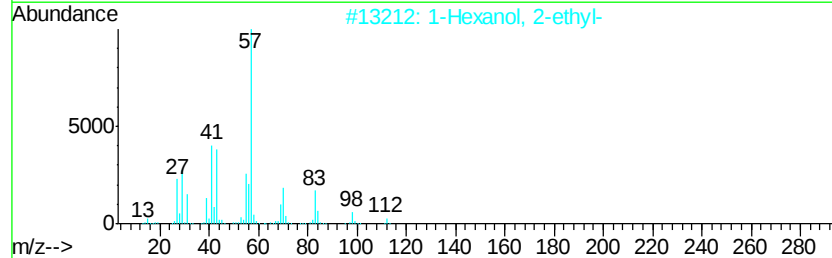
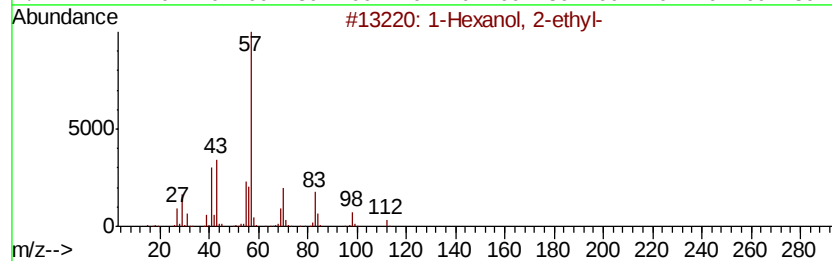
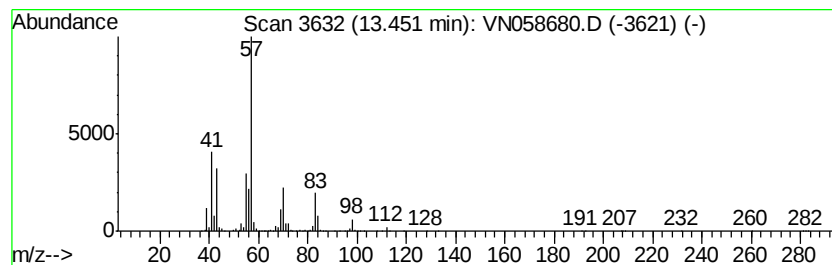
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Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.45	68.21 ug/l	3441510	Chlorobenzene-d5	11.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-		130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-		130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-		130	C8H18O	000104-76-7	64
4	1-Pentanol, 2-ethyl-4-methyl-		130	C8H18O	000106-67-2	56
5	1-Hexanol, 2-ethyl-		130	C8H18O	000104-76-7	56



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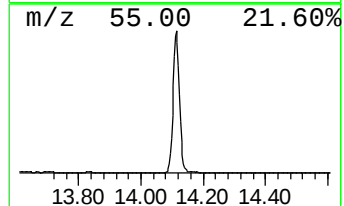
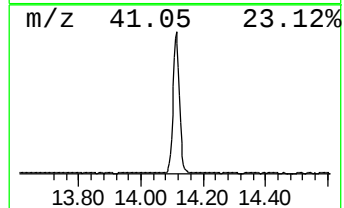
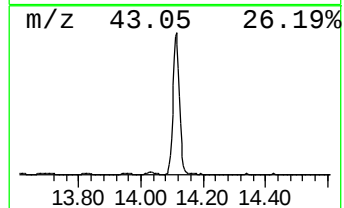
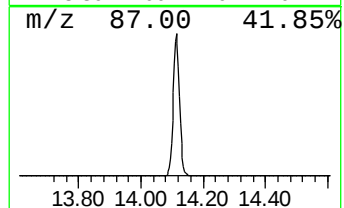
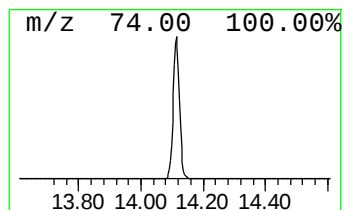
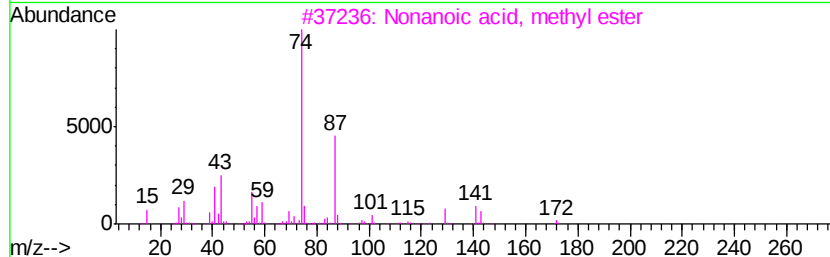
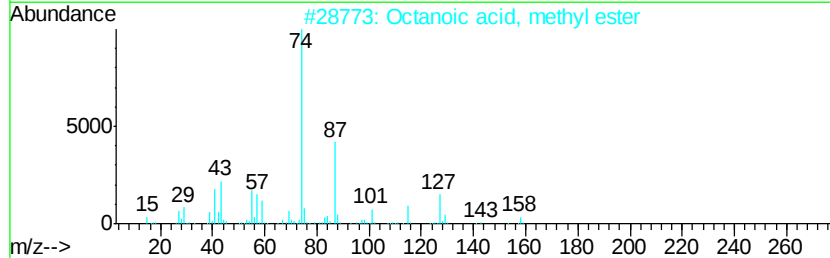
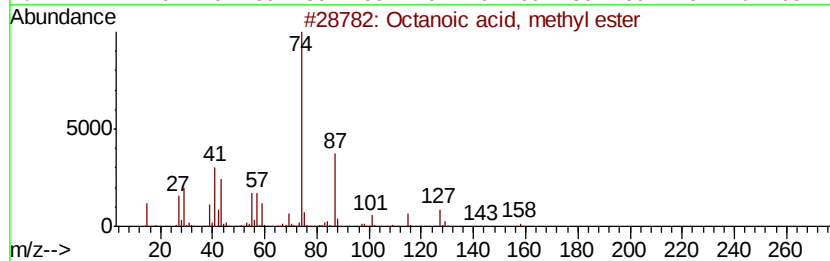
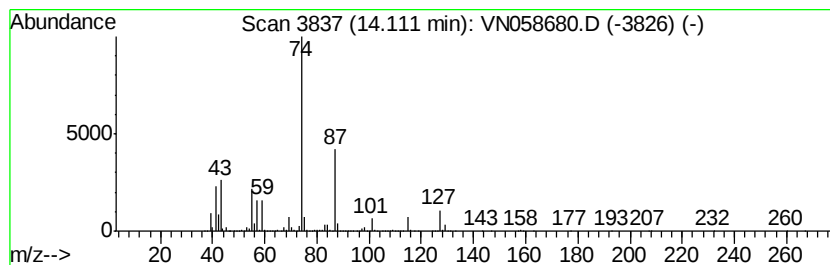
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Peak Number 4 Octanoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	85.62 ug/l	4320390	Chlorobenzene-d5	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	90
2		Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	83
3		Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	78
4		Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	78
5		Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown4.11	4.11	351.8	ug/l	117934000	1	7.18	10057500	30.0
Hexanoic acid, me...	12.19	30.0	ug/l	1513730	3	11.41	1513730	30.0
1-Hexanol, 2-ethyl-	13.45	68.2	ug/l	3441510	3	11.41	1513730	30.0
Octanoic acid, me...	14.11	85.6	ug/l	4320390	3	11.41	1513730	30.0