

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071523\
 Data File : VX036558.D
 Acq On : 14 Jul 2023 15:37
 Operator : JC/MD
 Sample : 03642-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 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\624X071423W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX036558.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.385	206	213	231	rBV	1889813	3737532	59.49%	20.557%
2	2.587	234	246	275	rVB	1363736	6282170	100.00%	34.553%
3	4.891	613	624	638	rBV	66226	202014	3.22%	1.111%
4	5.952	788	798	809	rBV	78219	206142	3.28%	1.134%
5	6.757	920	930	945	rBV2	156710	374566	5.96%	2.060%
6	8.646	1234	1240	1248	rBV	338288	516165	8.22%	2.839%
7	10.055	1465	1471	1488	rBV	328647	451568	7.19%	2.484%
8	10.951	1613	1618	1634	rBV	547653	641484	10.21%	3.528%
9	11.079	1634	1639	1651	rVB	283886	355700	5.66%	1.956%
10	12.219	1821	1826	1848	rBV	1896836	2440781	38.85%	13.425%
11	12.871	1928	1933	1943	rVB	2226082	2612192	41.58%	14.367%
12	14.426	2183	2188	2201	rBV	316587	361012	5.75%	1.986%

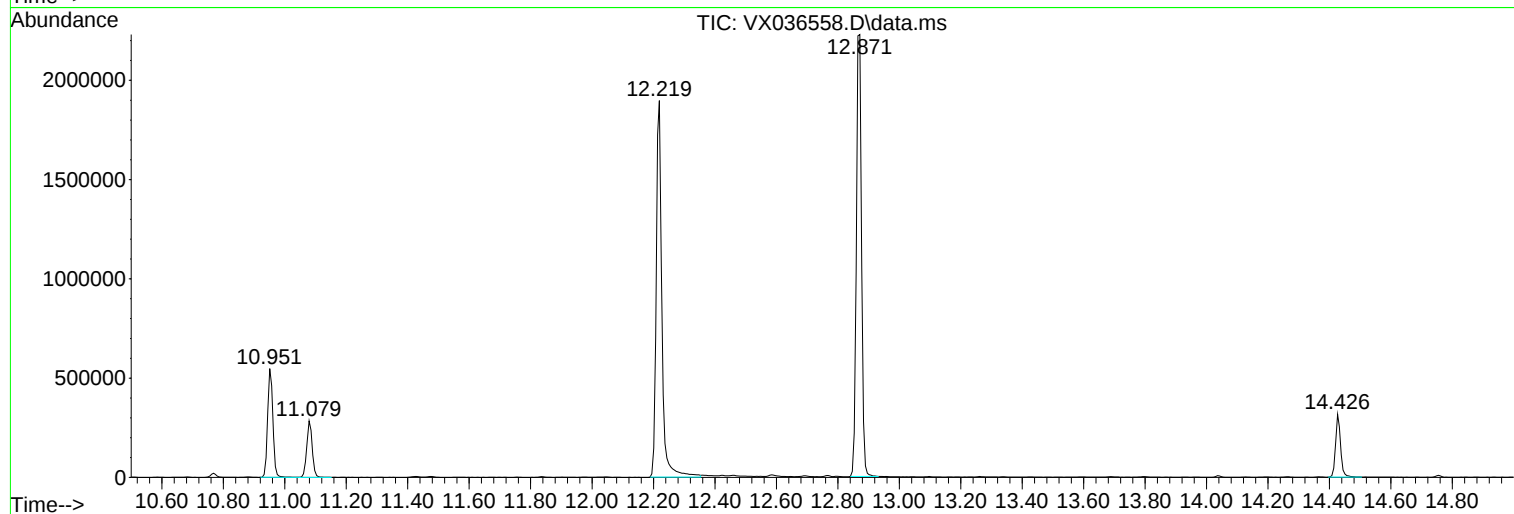
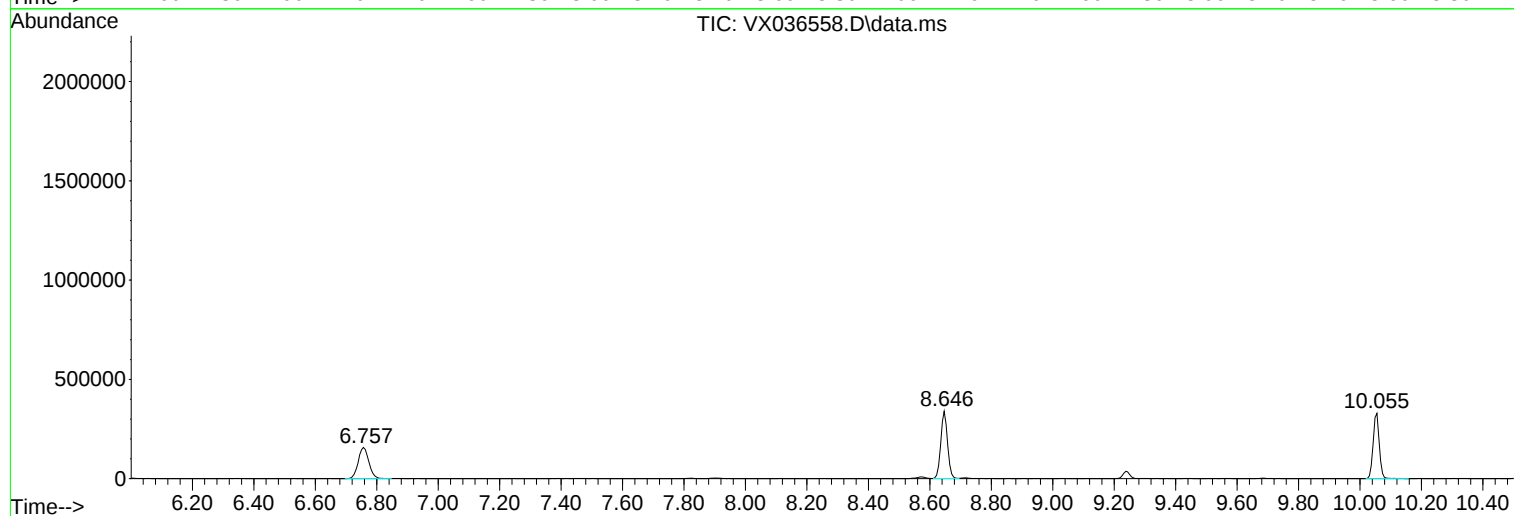
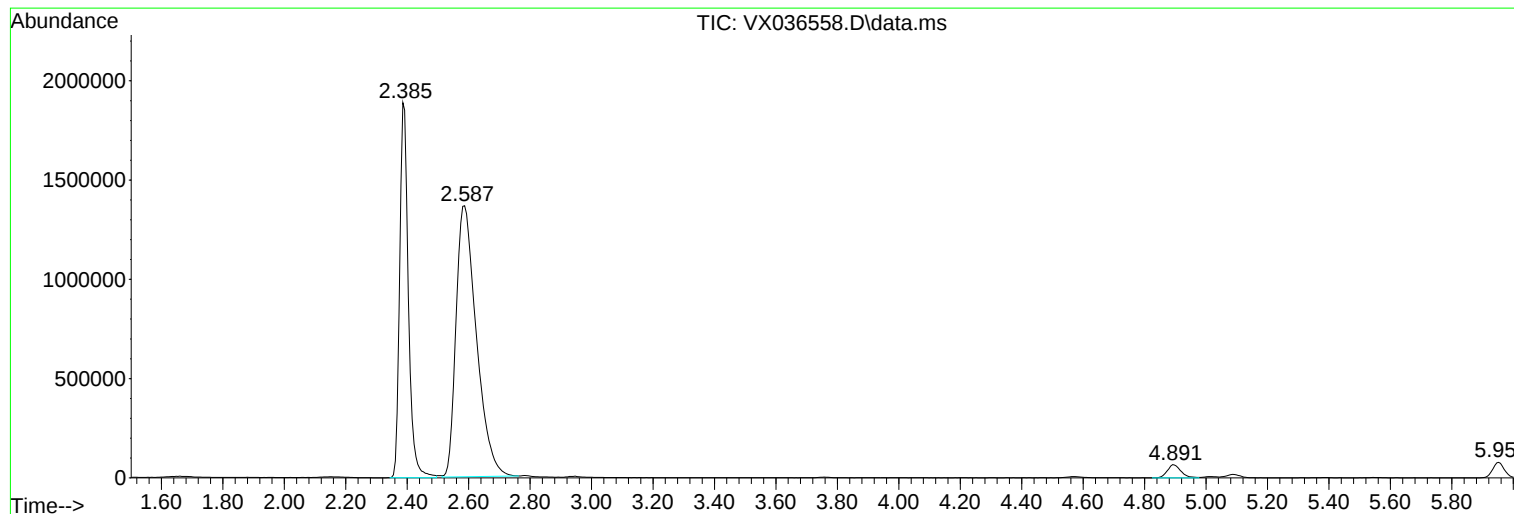
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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ClientSampleId :
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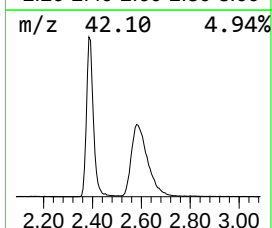
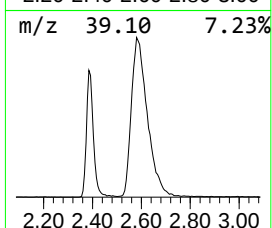
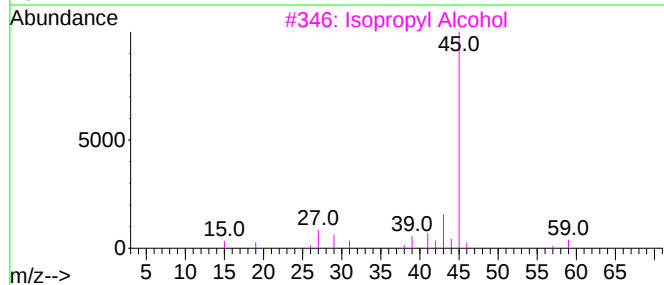
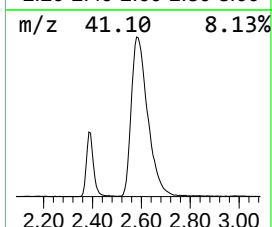
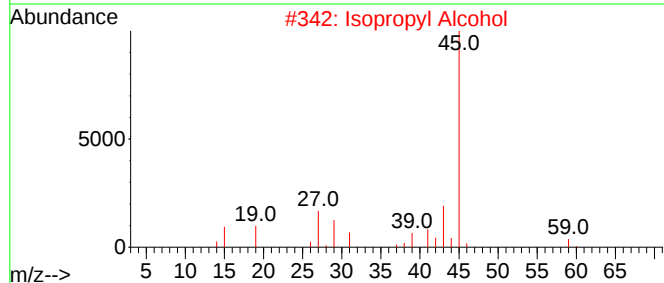
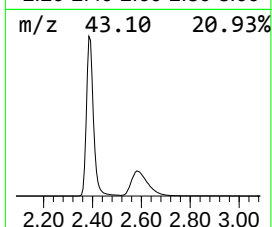
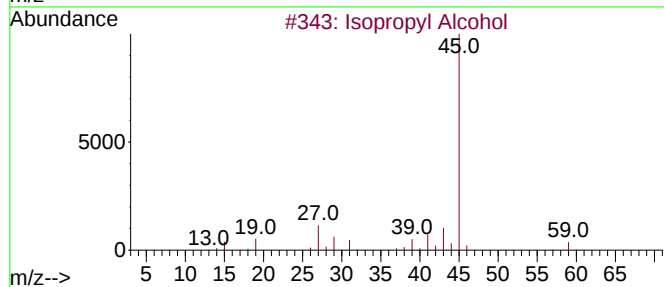
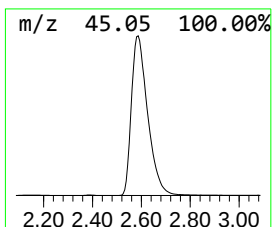
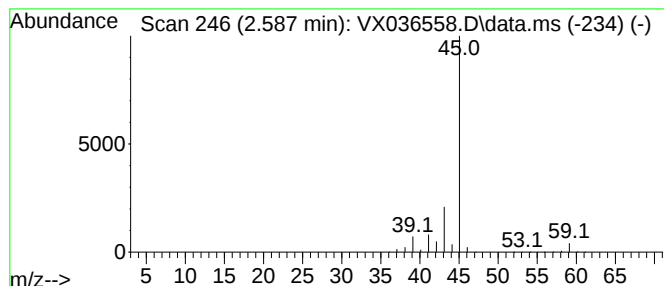
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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.
2.587	932.93 ug/l	6282170	Bromochloromethane	4.897

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			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9



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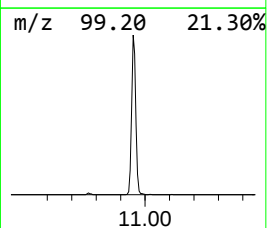
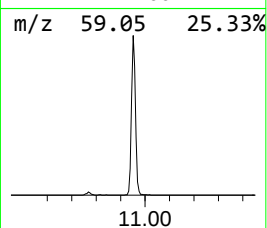
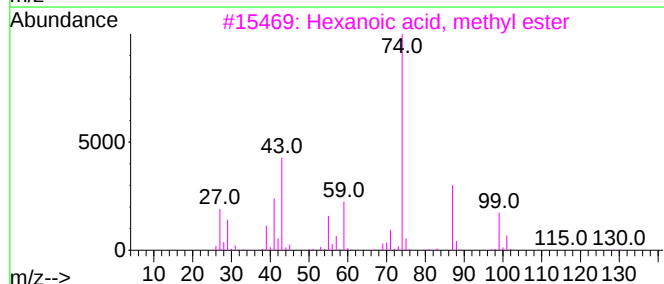
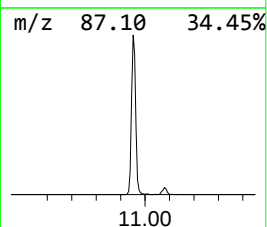
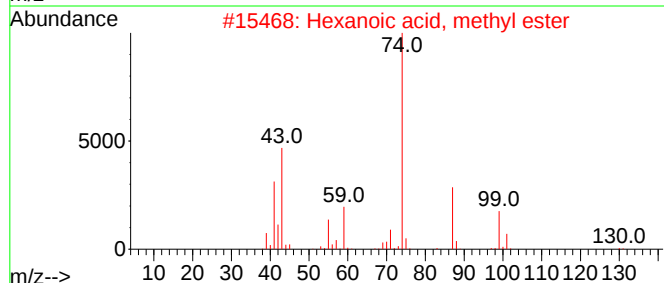
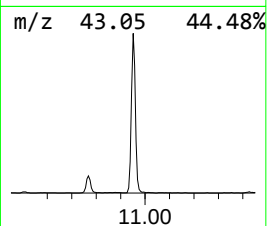
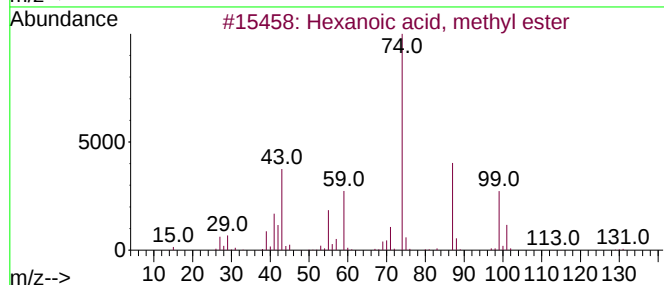
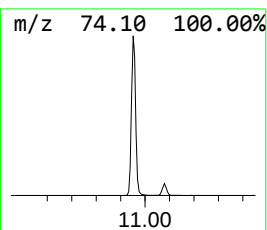
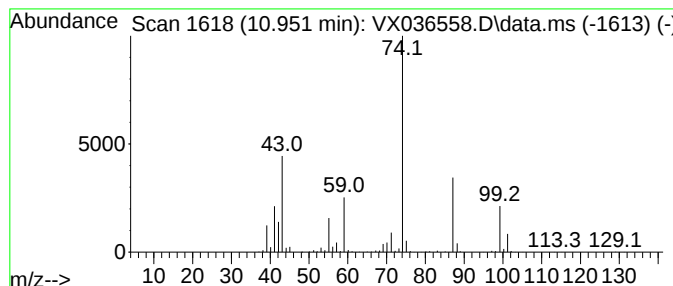
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 2 Hexanoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.951	42.62 ug/l	641484	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	94
2			Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	90
3			Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	83
4			Methyl valerate	116	C6H12O2	000624-24-8	53
5			Pentanoic acid, 3-methyl-, methy...	130	C7H14O2	002177-78-8	50



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Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

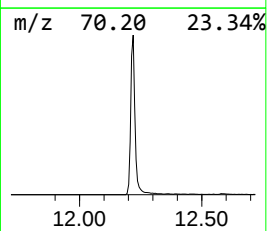
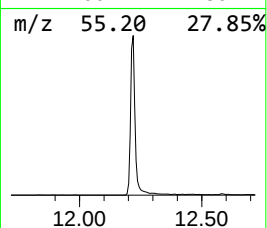
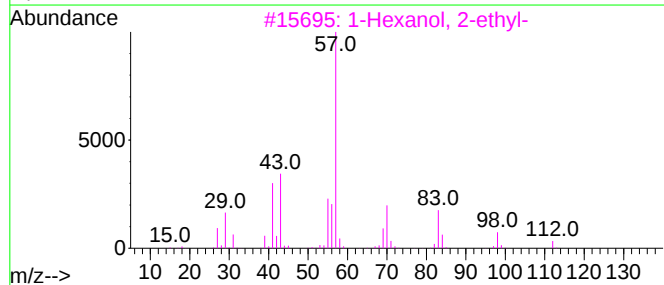
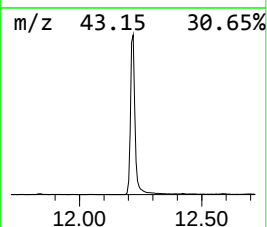
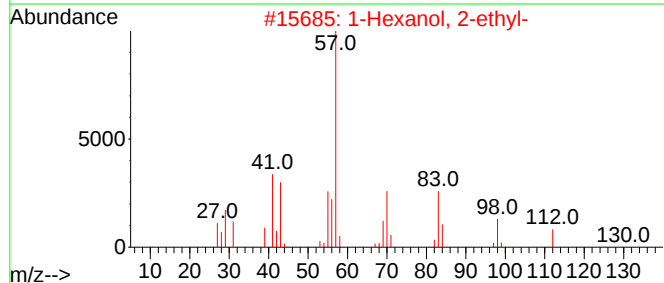
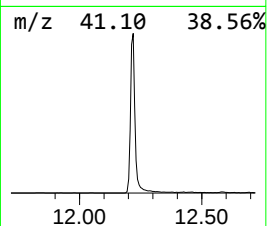
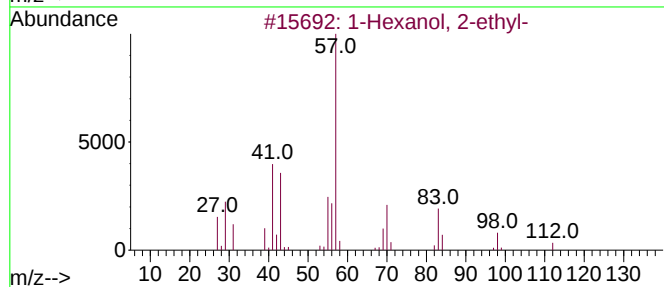
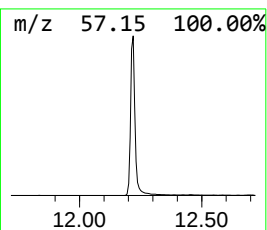
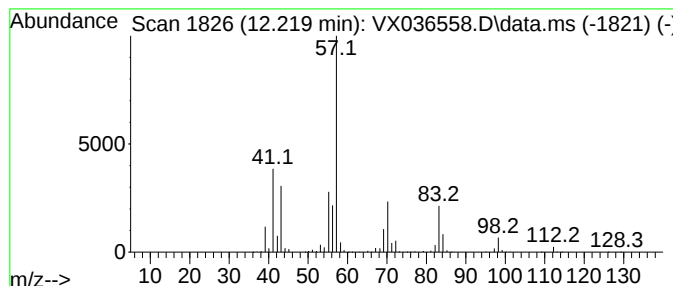
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.219	162.15 ug/l	2440780	Chlorobenzene-d5	10.055

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	78
5	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	59



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

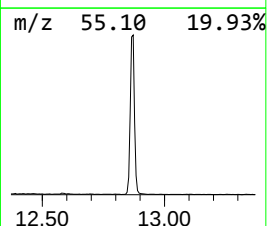
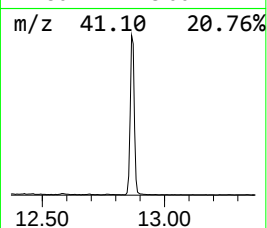
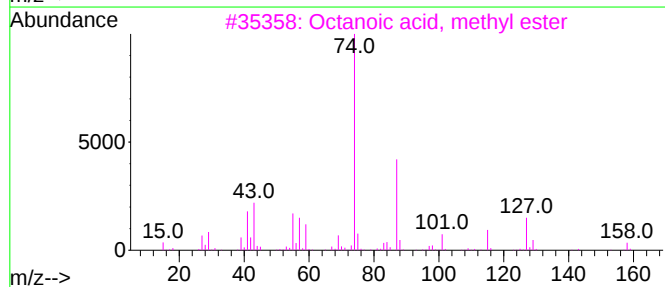
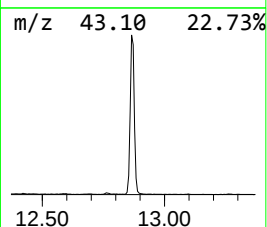
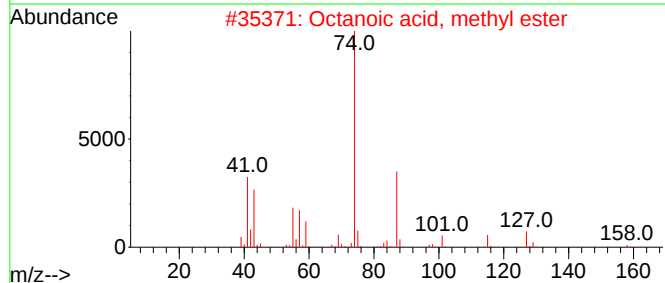
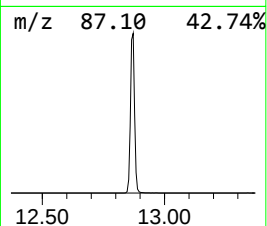
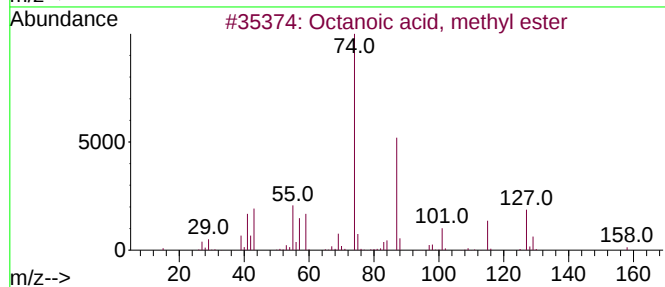
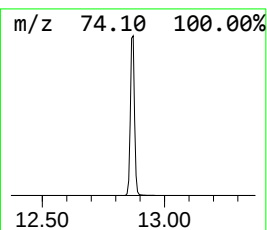
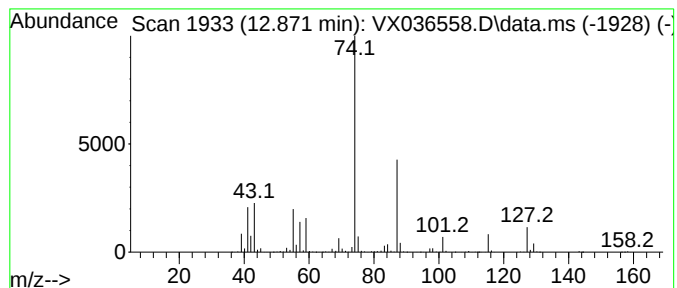
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 4 Octanoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.871	173.54 ug/l	2612190	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	90
3			Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	90
4			Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	87
5			Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	83



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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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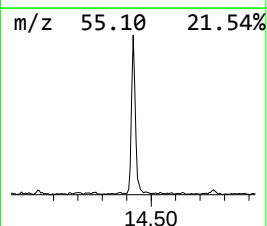
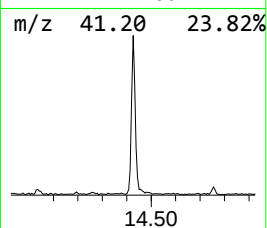
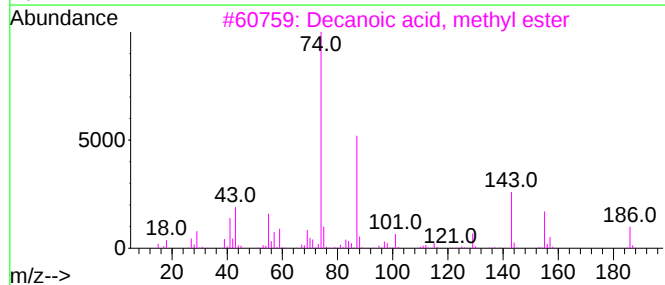
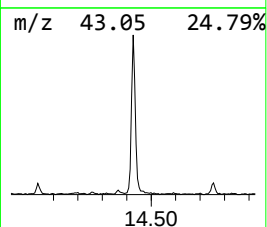
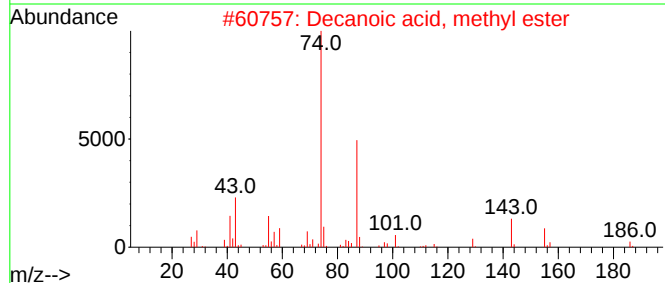
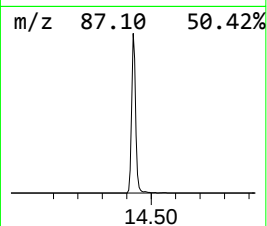
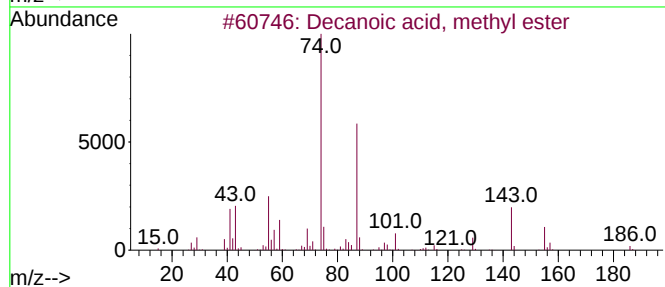
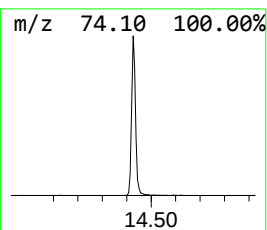
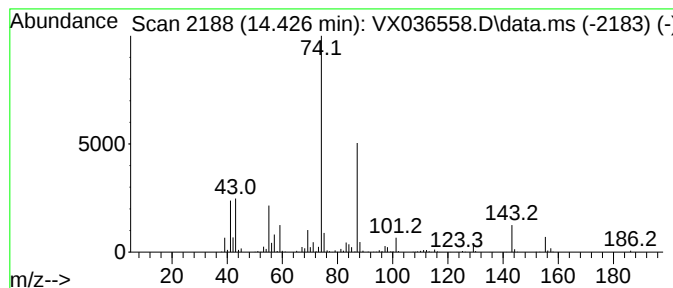
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 5 Decanoic acid, methyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.426	23.98 ug/l	361012	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	96
2			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	91
3			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	86
4			Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	83
5			Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	83



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	2.587	932.9	ug/l	6282170	1	4.897	202014	30.0
Hexanoic acid, ...	10.951	42.6	ug/l	641484	3	10.055	451568	30.0
1-Hexanol, 2-et...	12.219	162.2	ug/l	2440780	3	10.055	451568	30.0
Octanoic acid, ...	12.871	173.5	ug/l	2612190	3	10.055	451568	30.0
Decanoic acid, ...	14.426	24.0	ug/l	361012	3	10.055	451568	30.0