

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035813.D
 Acq On : 23 May 2023 14:57
 Operator : JC/MD
 Sample : 02824-01 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\624X052323W.M
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX035813.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.398	205	215	230	rBV	140313	364752	9.58%	3.118%
2	2.629	237	253	254	rBV2	23885	70337	1.85%	0.601%
3	4.891	613	624	640	rBV2	131524	389461	10.22%	3.329%
4	5.092	642	657	674	rVB2	33556	104611	2.75%	0.894%
5	5.952	787	798	815	rBV	131786	360303	9.46%	3.080%
6	6.757	919	930	942	rBV	362897	876676	23.01%	7.493%
7	8.647	1232	1240	1248	rBV	798929	1244426	32.67%	10.637%
8	10.049	1465	1470	1481	rBV	767675	1073250	28.17%	9.174%
9	10.506	1537	1545	1553	rBV	37865	54846	1.44%	0.469%
10	10.585	1553	1558	1563	rBV	64533	101676	2.67%	0.869%
11	10.756	1581	1586	1599	rBV	834753	979751	25.72%	8.374%
12	11.079	1633	1639	1646	rBV	666943	809172	21.24%	6.916%
13	12.219	1820	1826	1841	rBV	206705	342317	8.99%	2.926%
14	12.585	1878	1886	1893	rBV	62364	104379	2.74%	0.892%
15	12.695	1899	1904	1913	rBV	3452291	3809288	100.00%	32.560%
16	12.768	1913	1916	1926	rVV2	23241	39788	1.04%	0.340%
17	12.872	1926	1933	1947	rVB	61054	104594	2.75%	0.894%
18	14.262	2156	2161	2176	rBV	582346	823639	21.62%	7.040%
19	14.755	2236	2242	2246	rBV	42101	45964	1.21%	0.393%

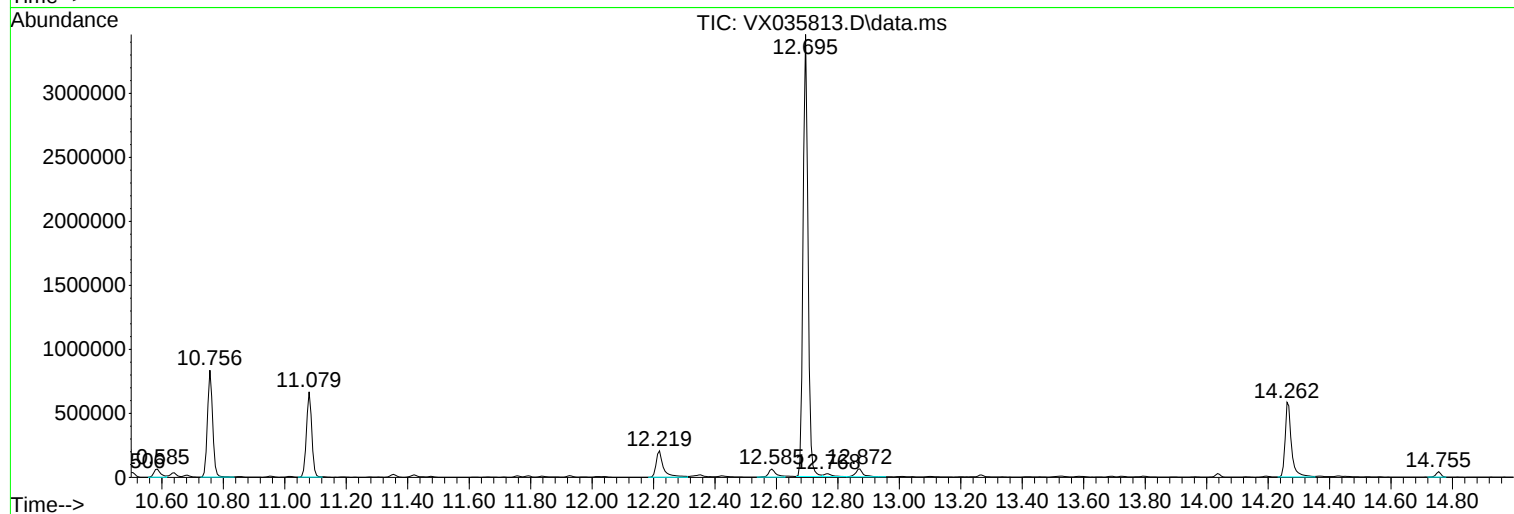
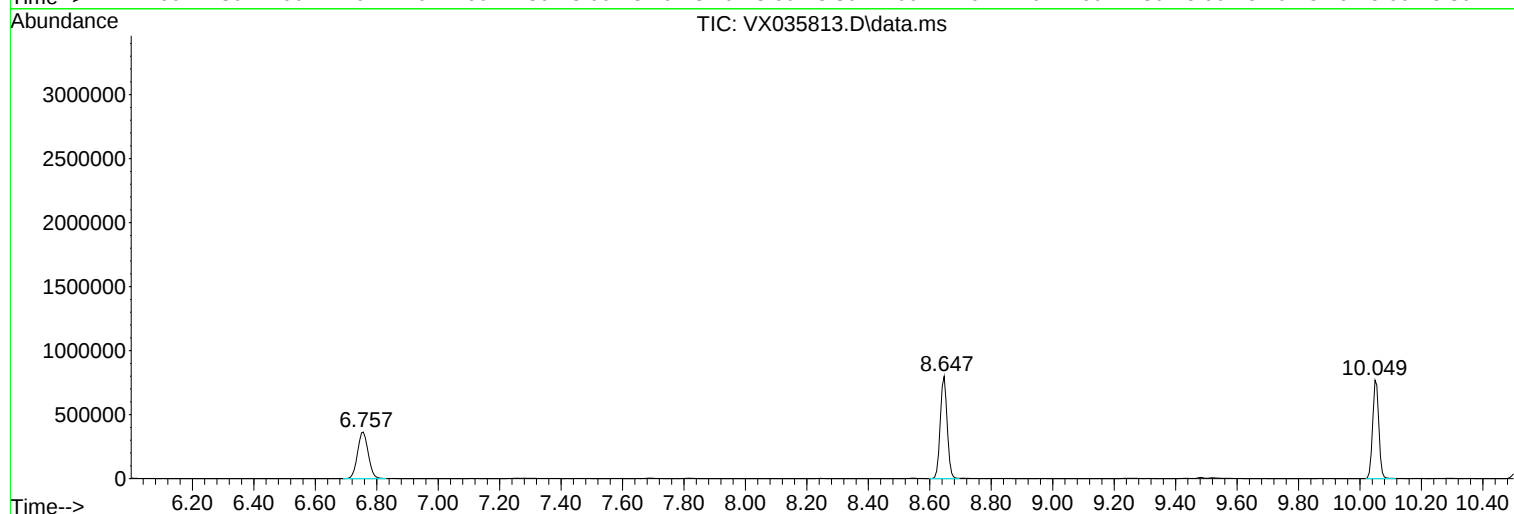
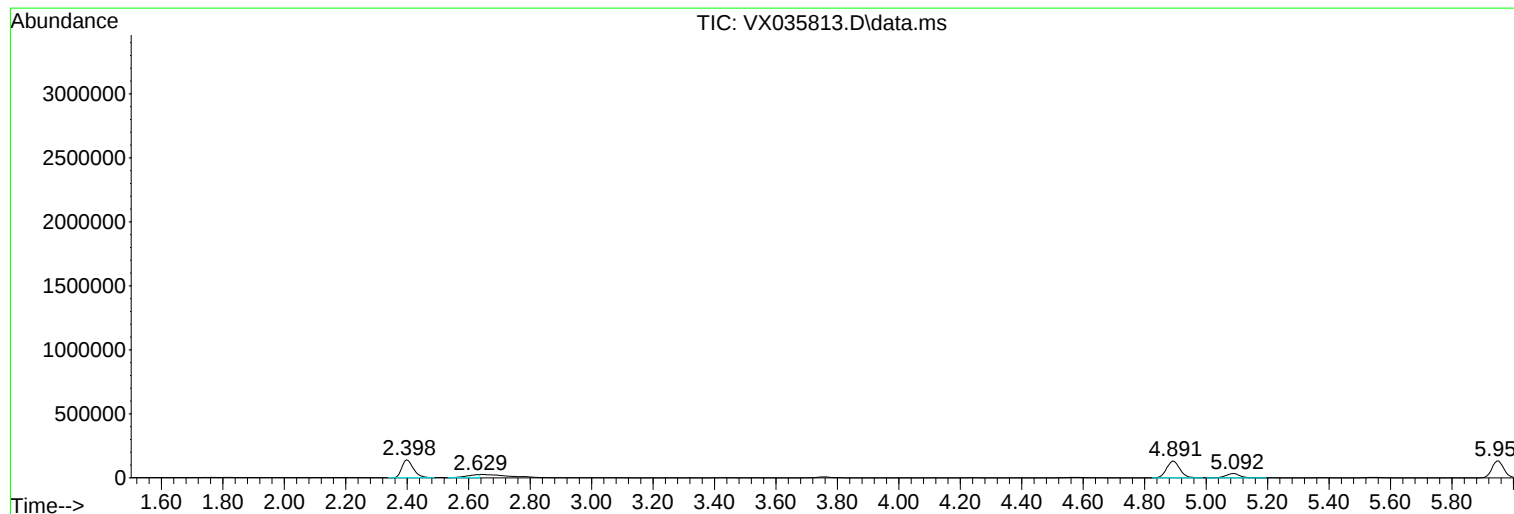
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Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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Instrument :
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ClientSampleId :
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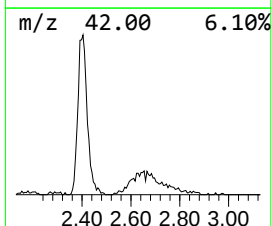
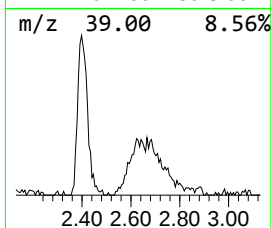
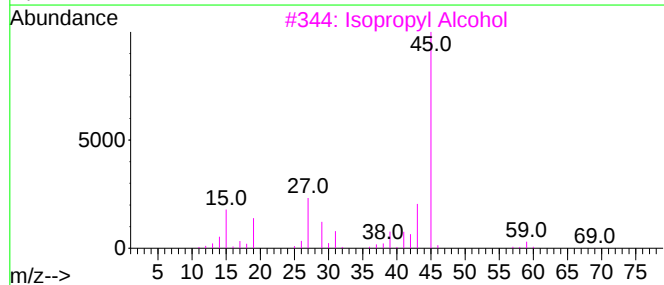
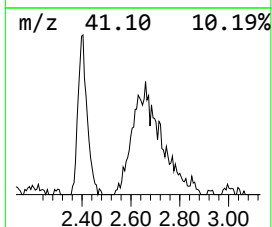
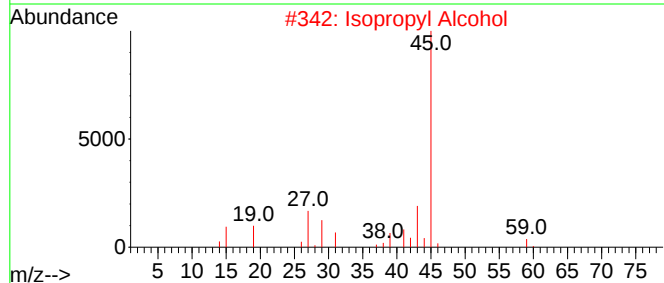
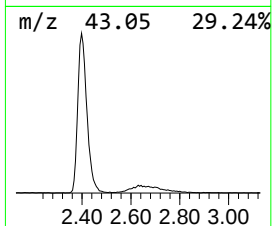
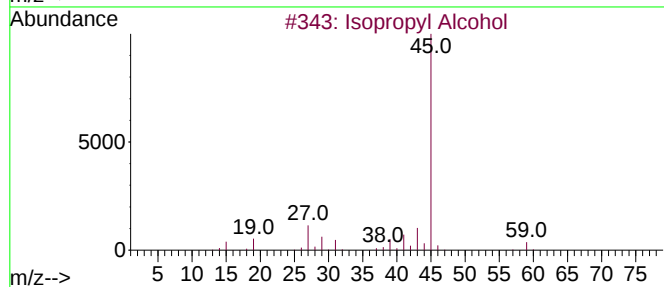
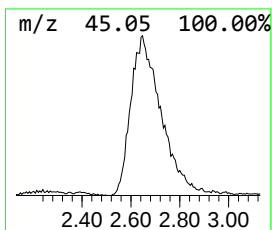
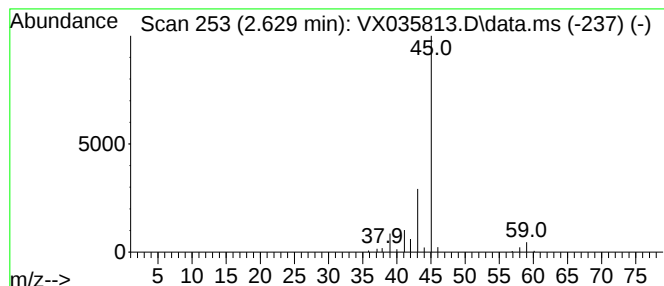
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.629	5.42 ug/l	70337	Bromochloromethane	4.897

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	56
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5			4-Penten-2-ol	86	C5H10O	000625-31-0	9



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

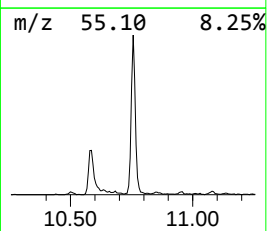
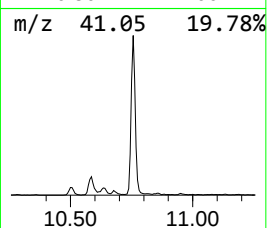
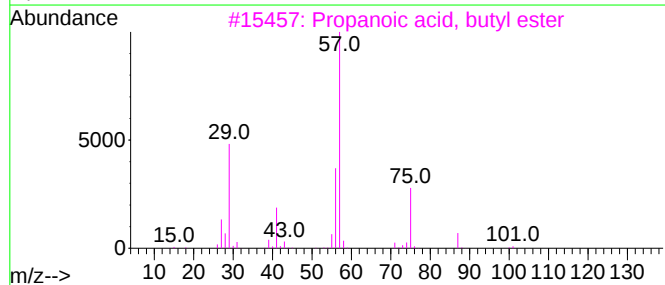
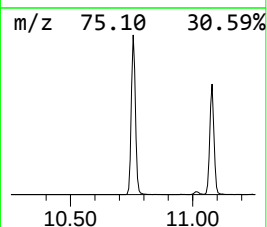
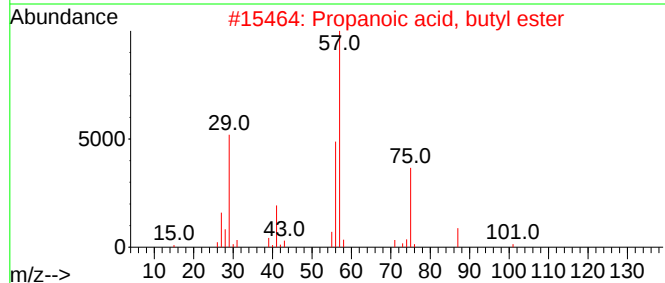
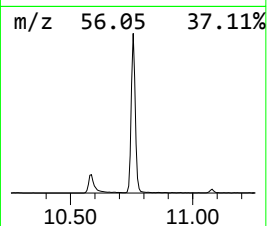
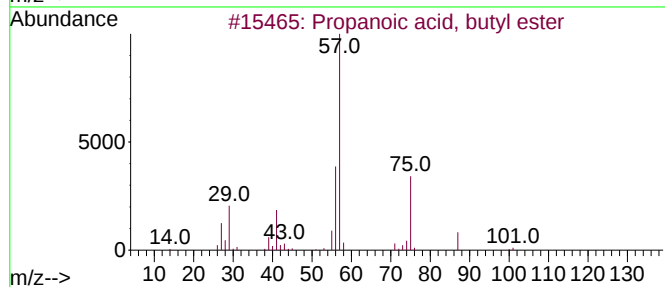
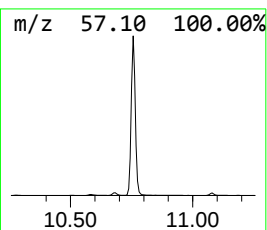
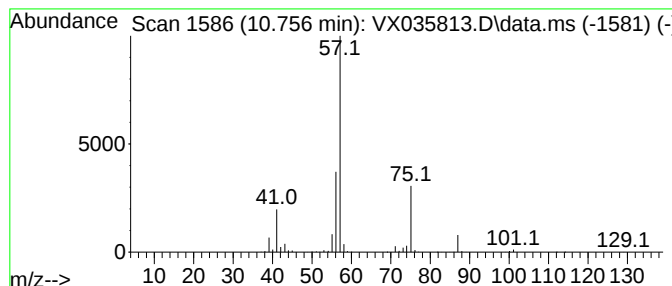
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 2 Propanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.756	27.39 ug/l	979751	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	90
2			Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	83
3			Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	83
4			Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	74
5			Methane, isocyanato-	57	C2H3NO	000624-83-9	43



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

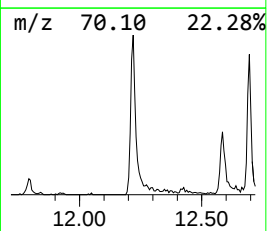
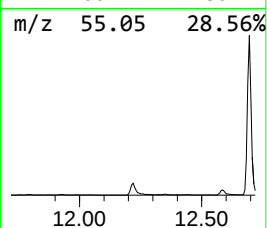
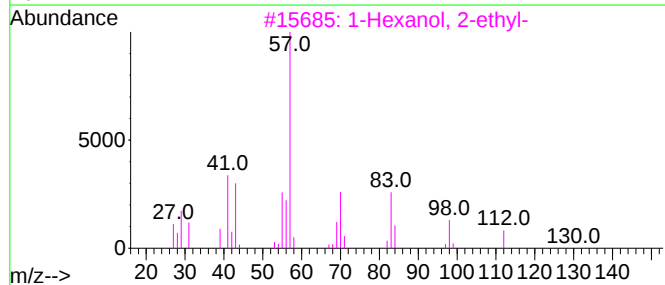
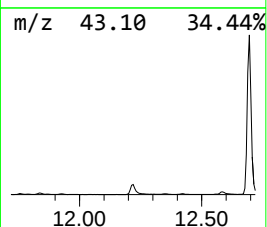
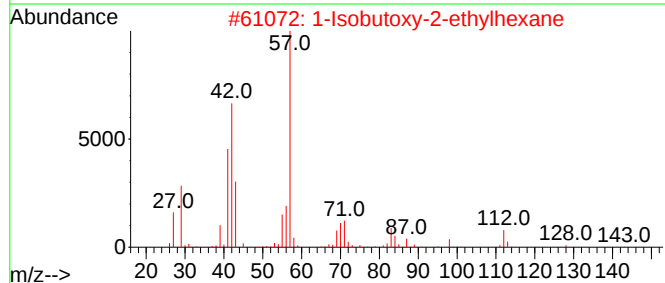
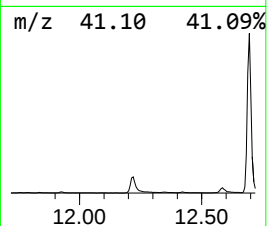
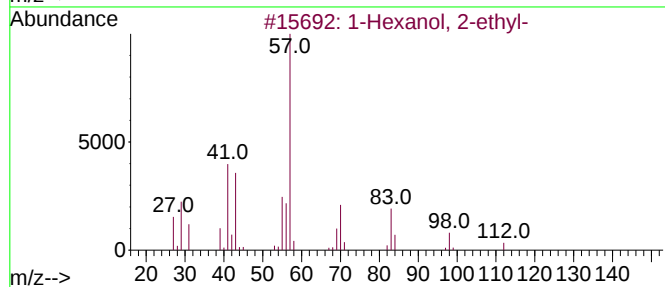
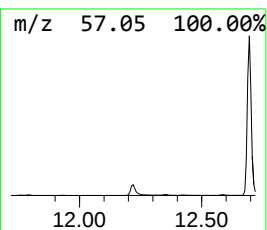
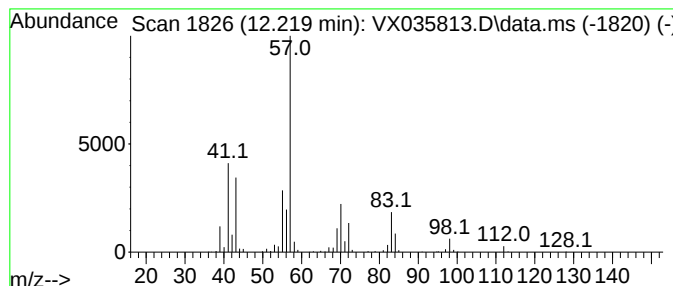
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.219	9.57 ug/l	342317	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
2	1-Isobutoxy-2-ethylhexane			186	C12H26O	1000139-90-3	78
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	72
5	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	64



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MSVOA_X
ClientSampleId :
EFF-WW

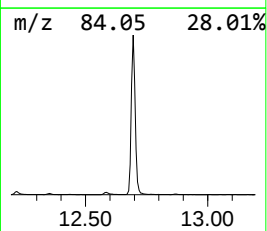
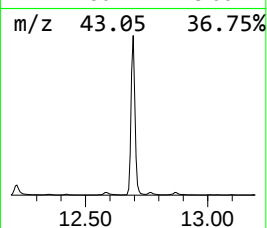
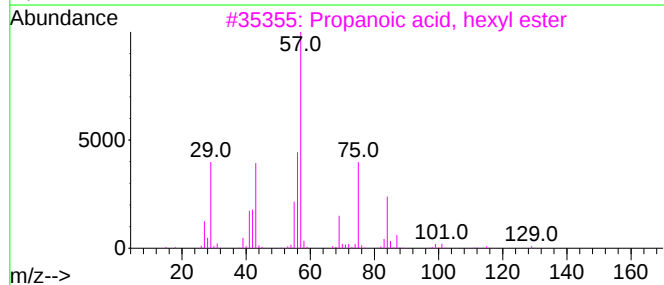
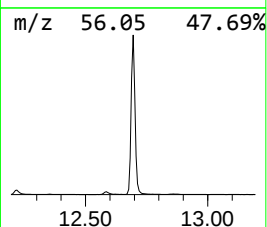
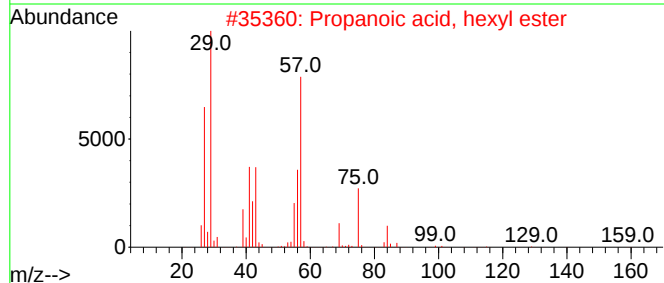
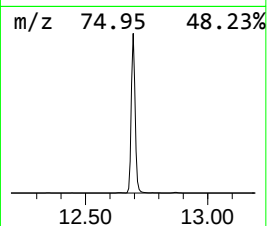
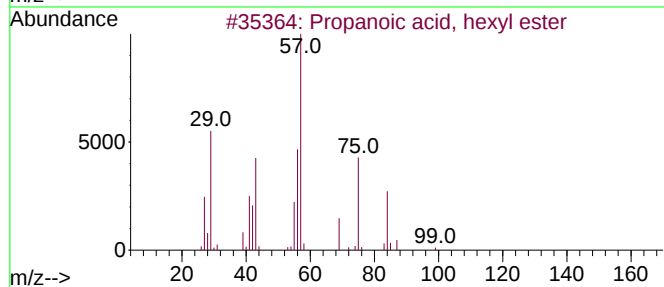
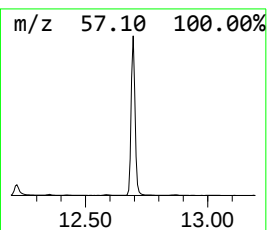
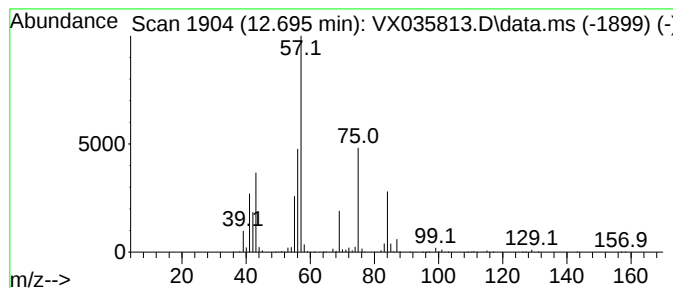
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 4 Propanoic acid, hexyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	106.48 ug/l	3809290	Chlorobenzene-d5	10.055

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	72
5			Propanoic acid, heptyl ester	172	C10H20O2	002216-81-1	59



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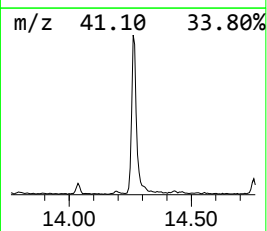
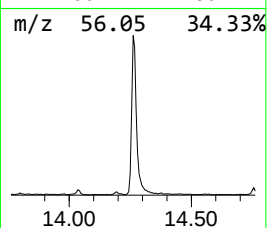
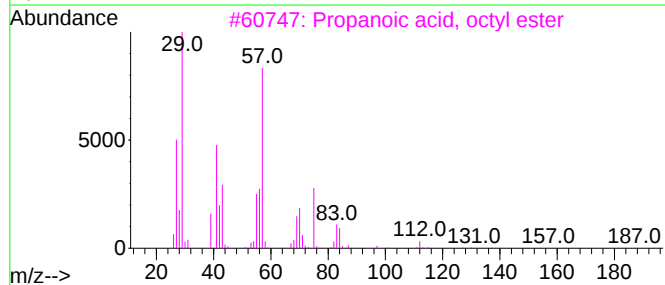
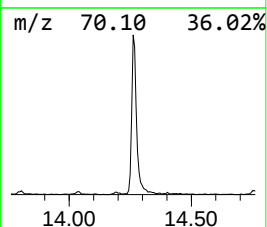
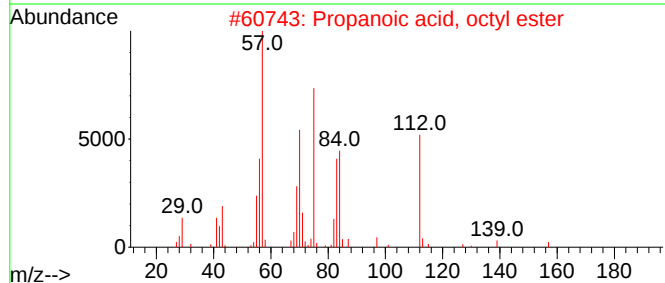
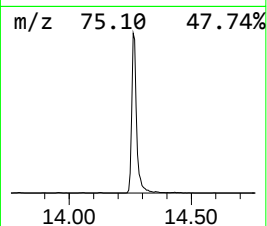
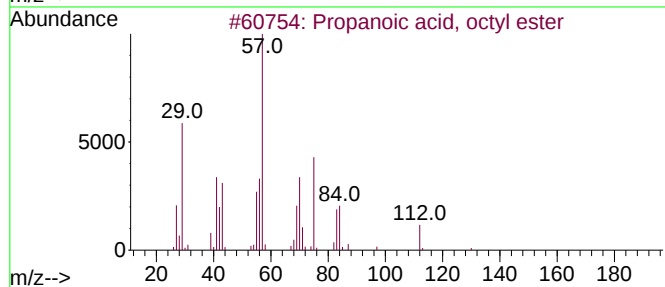
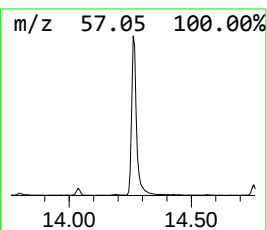
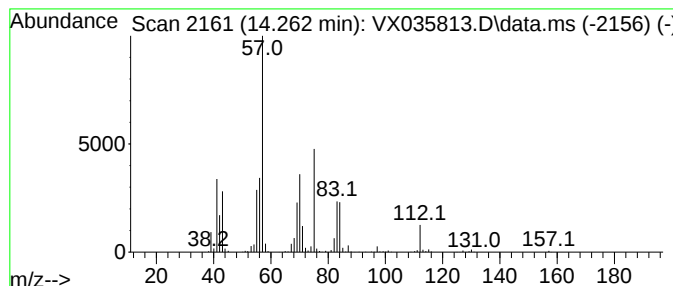
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 5 Propanoic acid, octyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.262	23.02 ug/l	823639	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, octyl ester	186	C11H22O2	000142-60-9	91
2			Propanoic acid, octyl ester	186	C11H22O2	000142-60-9	83
3			Propanoic acid, octyl ester	186	C11H22O2	000142-60-9	83
4			Carbonic acid, butyl octyl ester	230	C13H26O3	1010314-63-5	53
5			Propanoic acid, heptyl ester	172	C10H20O2	002216-81-1	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	2.629	5.4	ug/l	70337	1	4.897	389461	30.0
Propanoic acid,...	10.756	27.4	ug/l	979751	3	10.055	1073250	30.0
1-Hexanol, 2-et...	12.219	9.6	ug/l	342317	3	10.055	1073250	30.0
Propanoic acid,...	12.695	106.5	ug/l	3809290	3	10.055	1073250	30.0
Propanoic acid,...	14.262	23.0	ug/l	823639	3	10.055	1073250	30.0