

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030425\
 Data File : VX045123.D
 Acq On : 04 Mar 2025 10:31
 Operator : JC/MD
 Sample : Q1456-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WASTE WATER

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\624X022125W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX045123.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.526	70	72	105	rVB	630545	1764173	100.00%	38.487%
2	2.105	158	167	175	rVB	8166	20683	1.17%	0.451%
3	2.288	190	197	205	rBV	175623	288648	16.36%	6.297%
4	2.380	205	212	226	rVB	271178	520264	29.49%	11.350%
5	2.556	233	241	242	rBV	106962	176132	9.98%	3.842%
6	4.562	561	570	589	rBV	11767	40690	2.31%	0.888%
7	4.891	614	624	640	rBV2	36590	113882	6.46%	2.484%
8	5.946	788	797	812	rBV2	47210	128581	7.29%	2.805%
9	6.751	921	929	949	rVB	79860	200855	11.39%	4.382%
10	8.641	1233	1239	1260	rBV	205731	354975	20.12%	7.744%
11	9.244	1331	1338	1346	rBV	11078	19781	1.12%	0.432%
12	10.049	1465	1470	1489	rBV	167596	242080	13.72%	5.281%
13	10.768	1584	1588	1597	rBV	11834	19739	1.12%	0.431%
14	11.079	1634	1639	1650	rBV	157333	205186	11.63%	4.476%
15	12.219	1820	1826	1845	rBV	245895	428528	24.29%	9.349%
16	12.872	1927	1933	1943	rBV	43245	59658	3.38%	1.301%

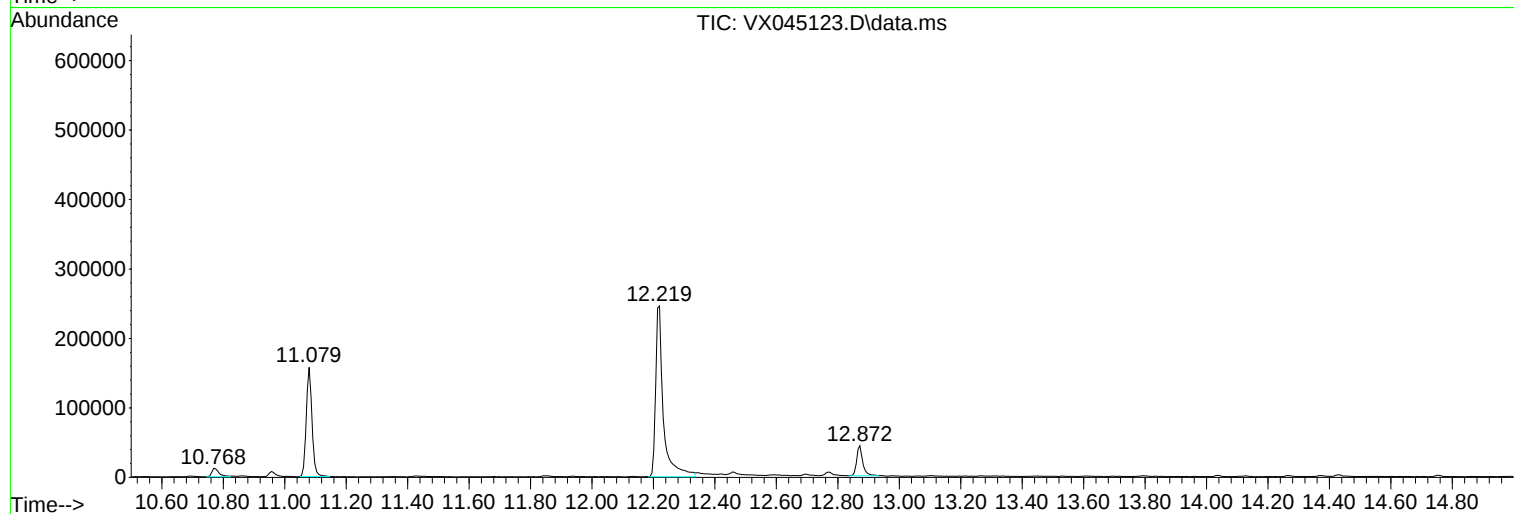
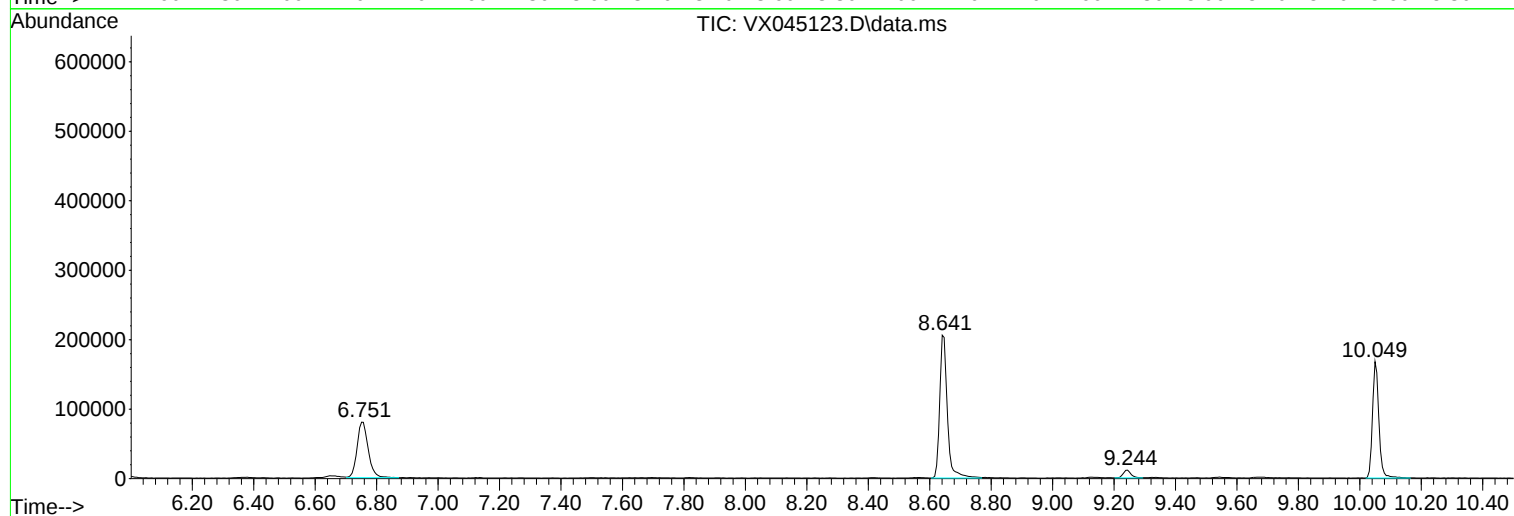
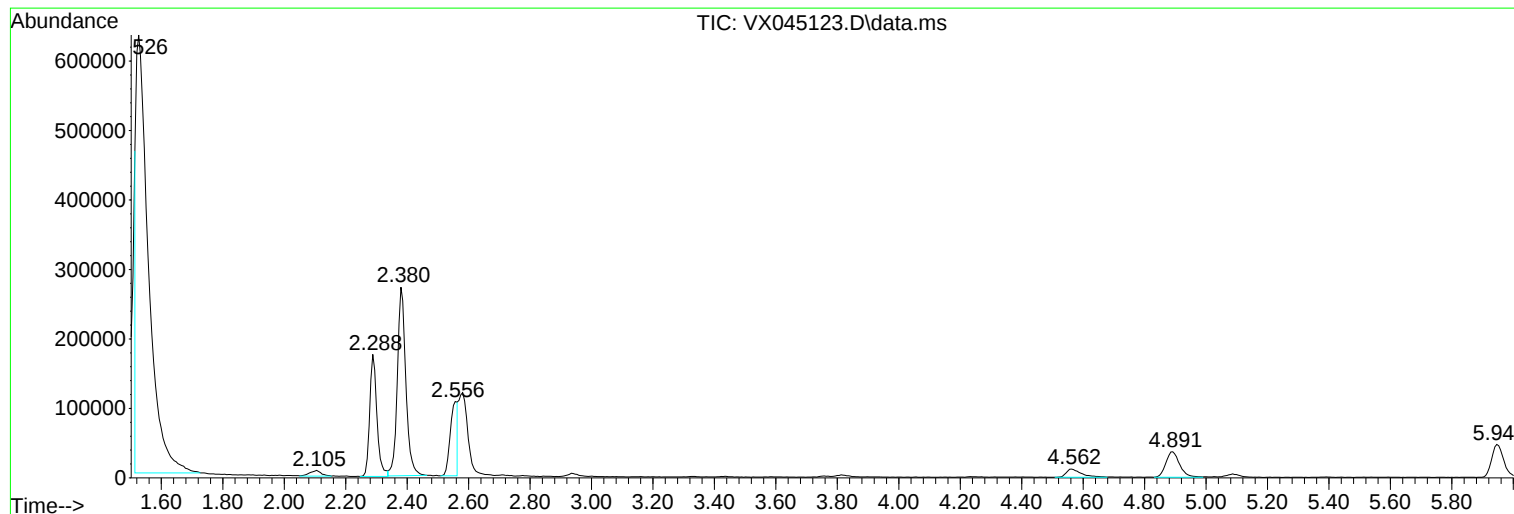
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Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE WATER

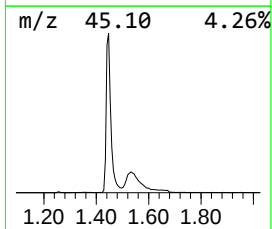
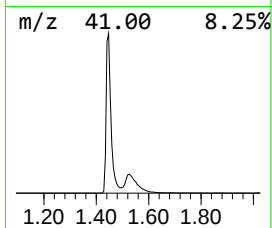
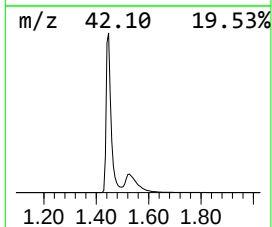
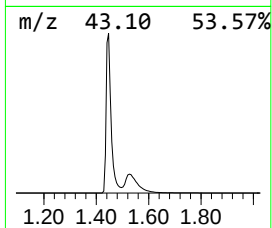
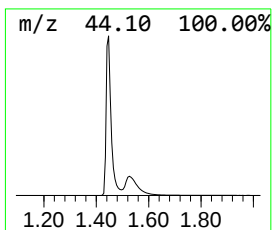
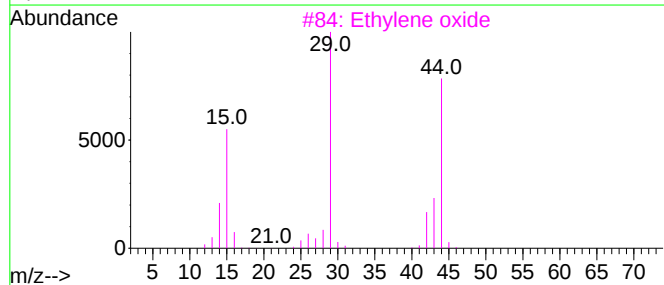
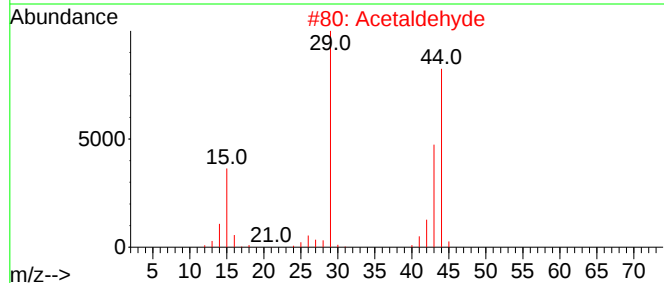
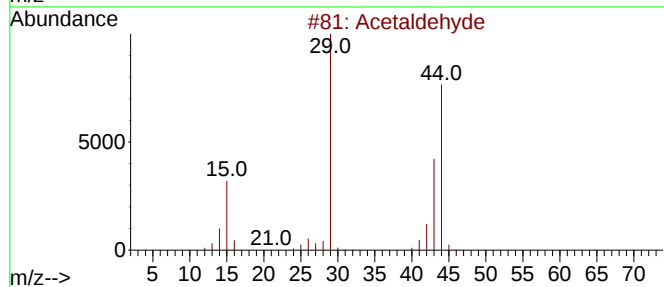
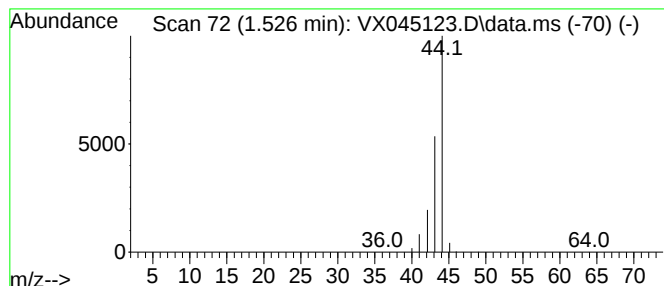
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.526	464.74 ug/l	1764170	Bromochloromethane	4.885

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	64
2			Acetaldehyde	44	C2H4O	000075-07-0	64
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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Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE WATER

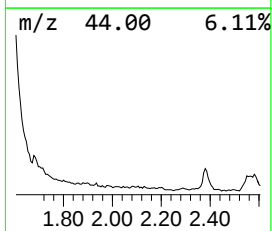
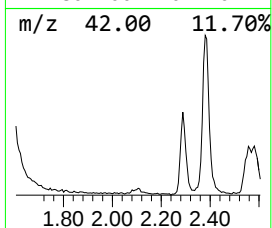
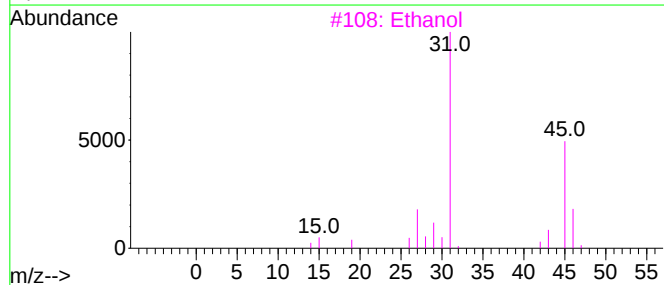
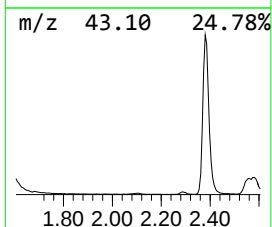
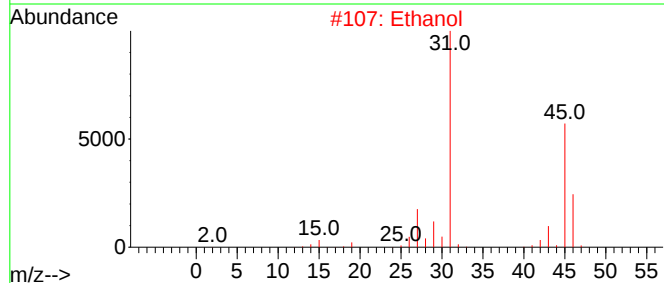
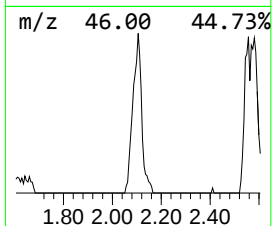
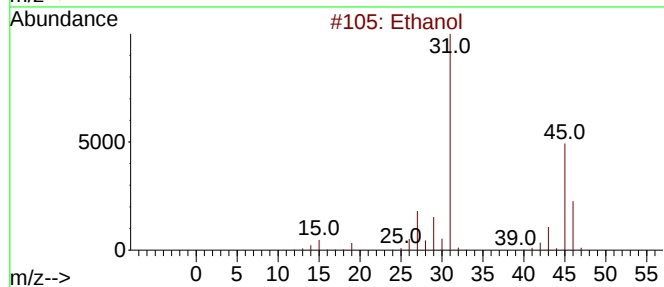
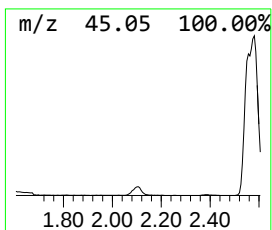
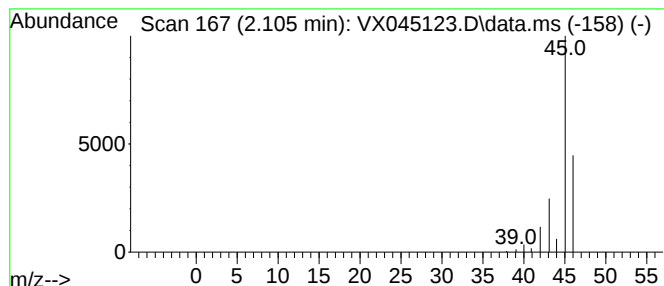
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 2 Ethanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.105	5.45 ug/l	20683	Bromochloromethane	4.885

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol			46	C2H6O	000064-17-5	74
2	Ethanol			46	C2H6O	000064-17-5	9
3	Ethanol			46	C2H6O	000064-17-5	9
4	Ethanol			46	C2H6O	000064-17-5	9
5	Dimethyl ether			46	C2H6O	000115-10-6	5



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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE WATER

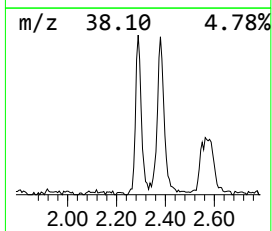
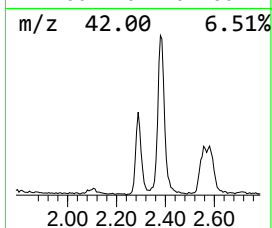
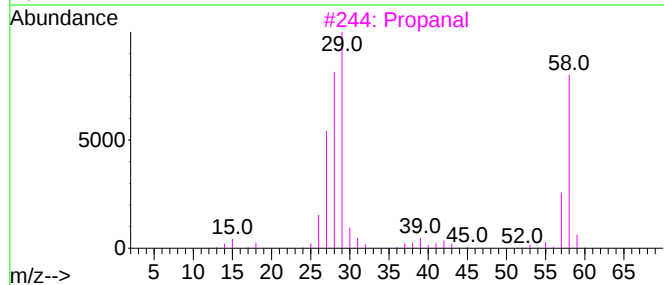
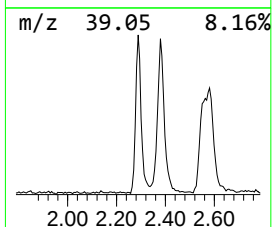
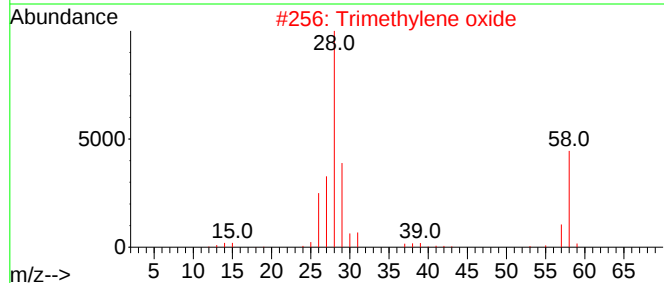
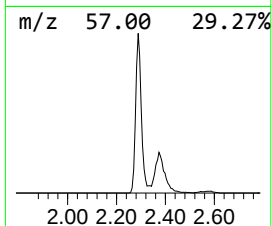
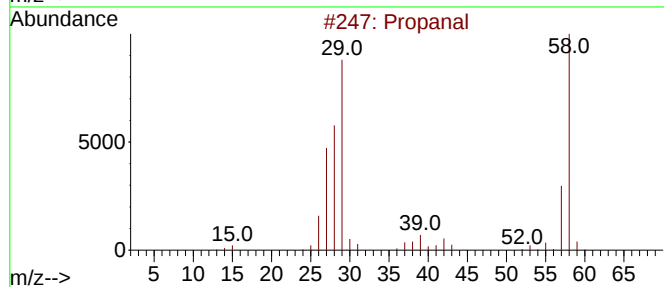
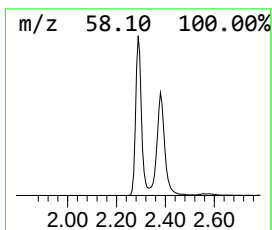
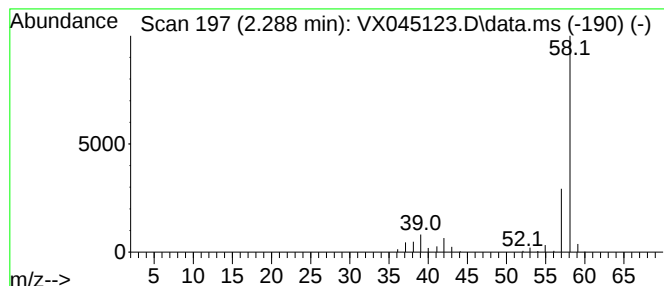
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 3 Propanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.288	76.04 ug/l	288648	Bromochloromethane	4.885

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanal	58	C3H6O	000123-38-6	78
2			Trimethylene oxide	58	C3H6O	000503-30-0	56
3			Propanal	58	C3H6O	000123-38-6	40
4			Propanal	58	C3H6O	000123-38-6	40
5			Quinolin-2(1H)-one, 3,4,5,6,7,8-...	208	C12H20N2O	1000259-95-6	9



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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE WATER

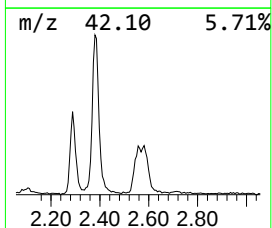
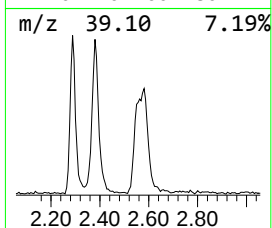
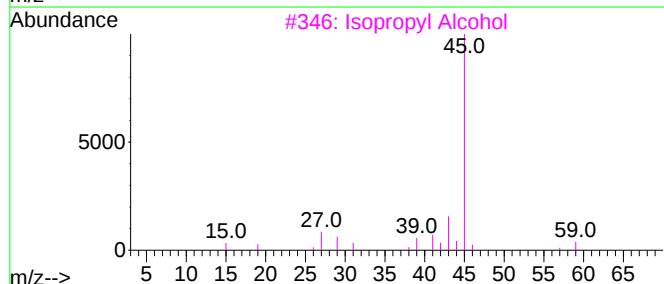
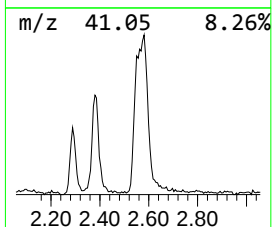
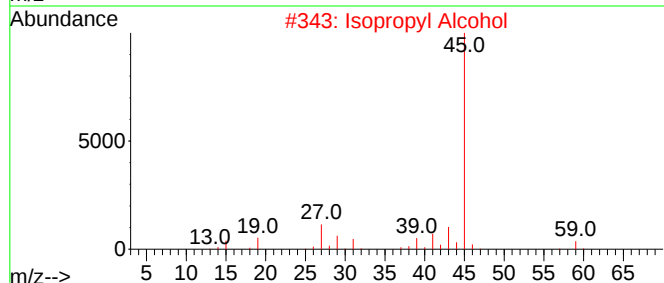
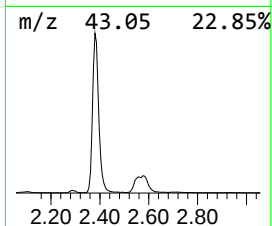
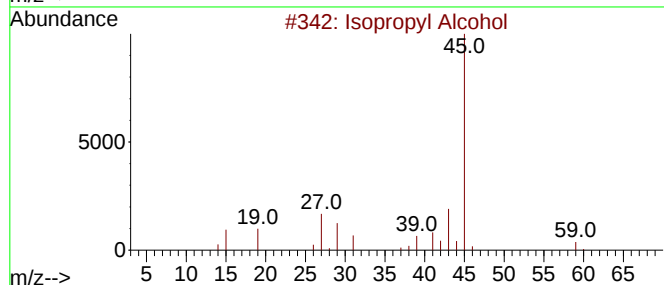
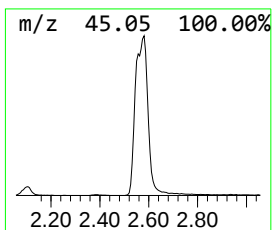
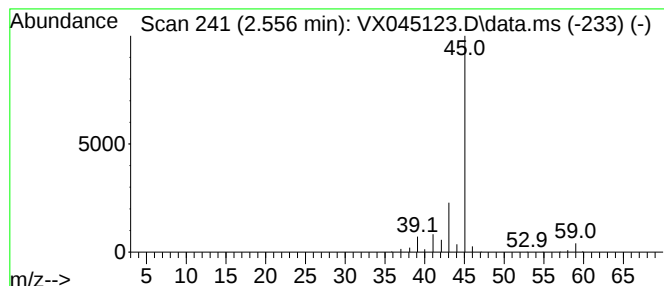
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 4 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.556	46.40 ug/l	176132	Bromochloromethane	4.885

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



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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE WATER

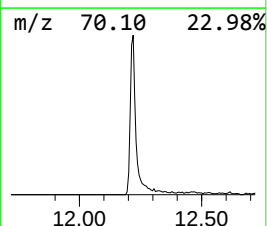
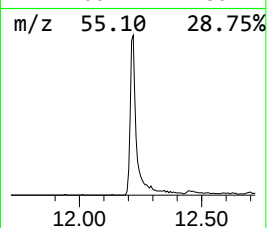
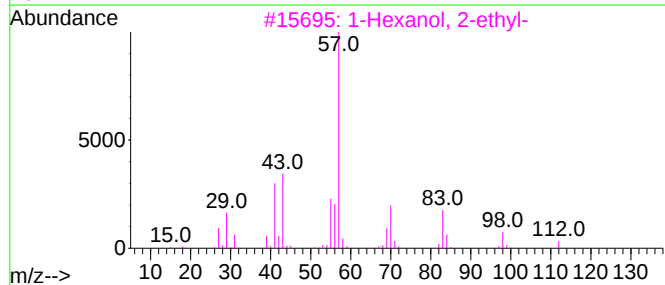
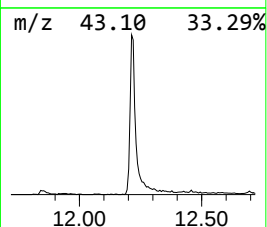
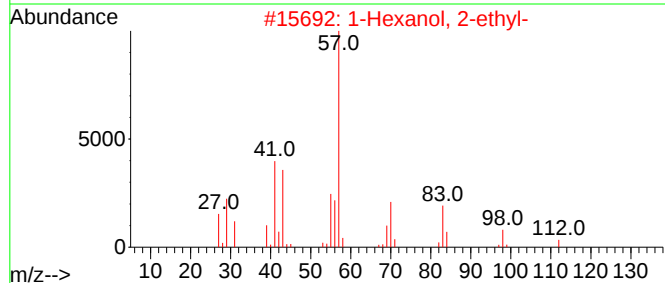
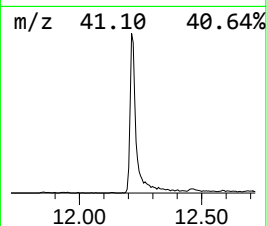
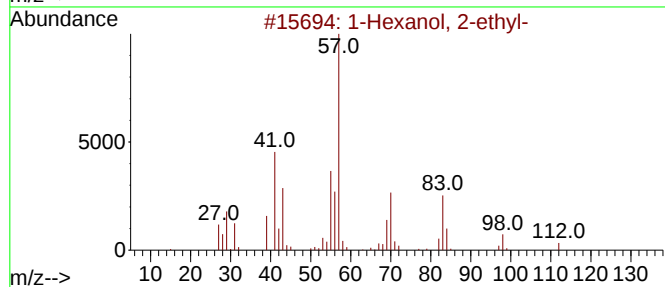
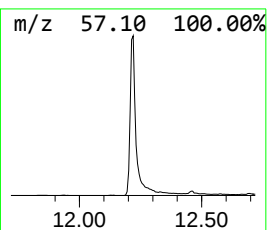
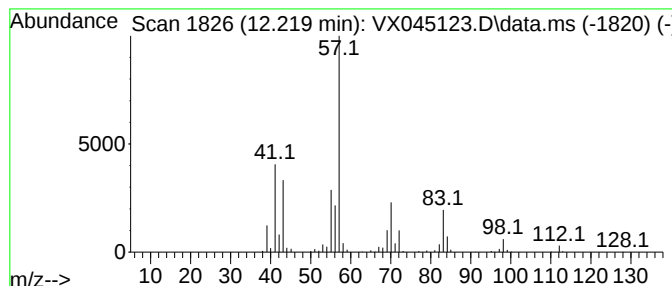
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.219	53.11 ug/l	428528	Chlorobenzene-d5	10.049

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
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	64
5			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64



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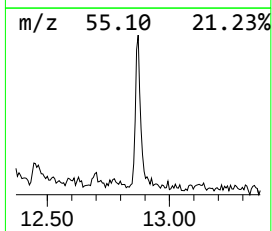
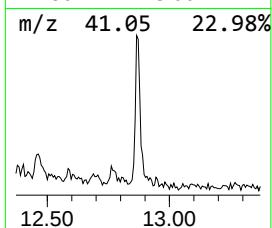
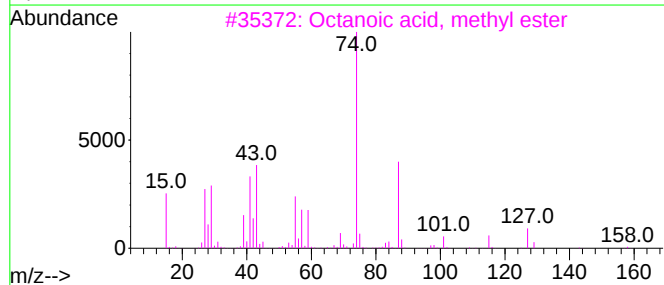
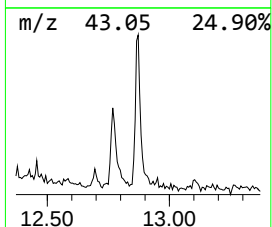
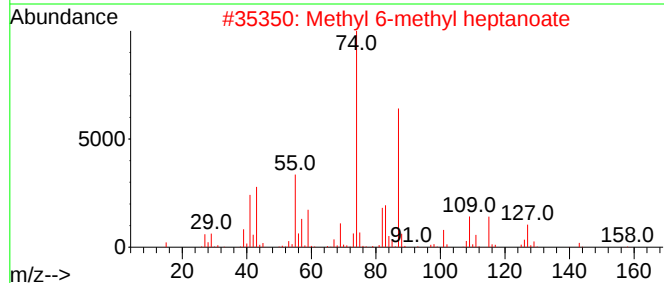
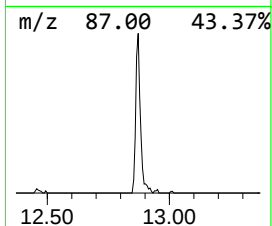
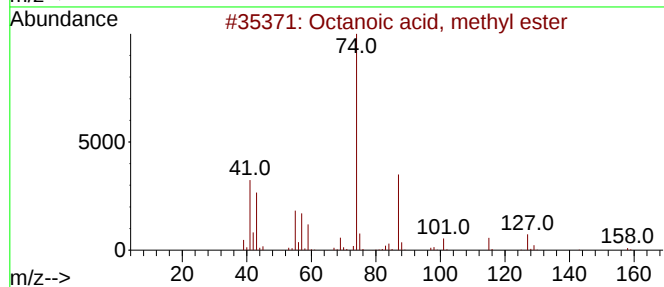
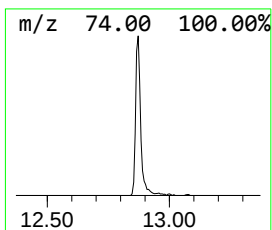
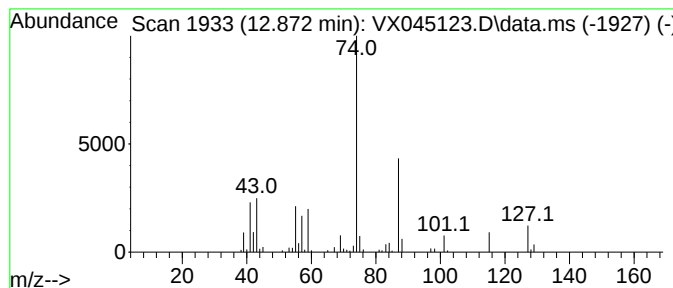
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 6 Octanoic acid, methyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.872	7.39 ug/l	59658	Chlorobenzene-d5	10.049

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	90
2			Methyl 6-methyl heptanoate	158	C9H18O2	002519-37-1	64
3			Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	59
4			Heptanoic acid, methyl ester	144	C8H16O2	000106-73-0	59
5			Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030425\
Data File : VX045123.D
Acq On : 04 Mar 2025 10:31
Operator : JC/MD
Sample : Q1456-01 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	1.526	464.7	ug/l	1764170	1	4.885	113882	30.0
Ethanol	2.105	5.5	ug/l	20683	1	4.885	113882	30.0
Propanal	2.288	76.0	ug/l	288648	1	4.885	113882	30.0
Isopropyl Alcohol	2.556	46.4	ug/l	176132	1	4.885	113882	30.0
1-Hexanol, 2-et...	12.219	53.1	ug/l	428528	3	10.049	242080	30.0
Octanoic acid, ...	12.872	7.4	ug/l	59658	3	10.049	242080	30.0