

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100424\
Data File : VN084320.D
Acq On : 04 Oct 2024 17:32
Operator : JC\MD
Sample : P4289-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 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\624N090624W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN084320.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.800	302	314	336	rBV	1097066	2945631	2.78%	1.766%
2	4.430	406	421	458	rBV2	31009730	105774176	100.00%	63.412%
3	4.747	458	475	515	rVB	10638421	37385464	35.34%	22.413%
4	13.870	2019	2026	2041	rBV	11554223	17865034	16.89%	10.710%
5	14.135	2062	2071	2083	rBV	1733441	2834114	2.68%	1.699%

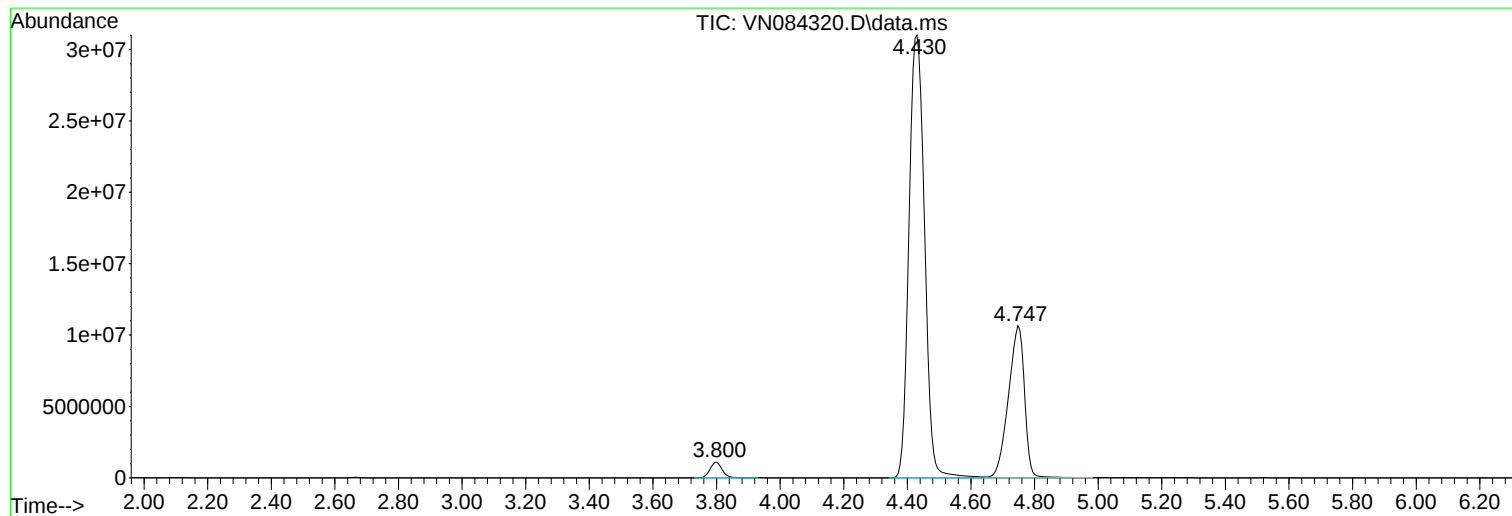
Sum of corrected areas: 166804419

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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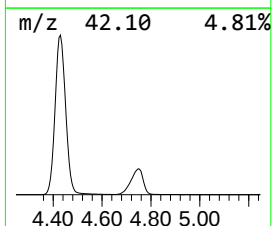
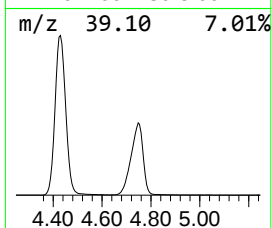
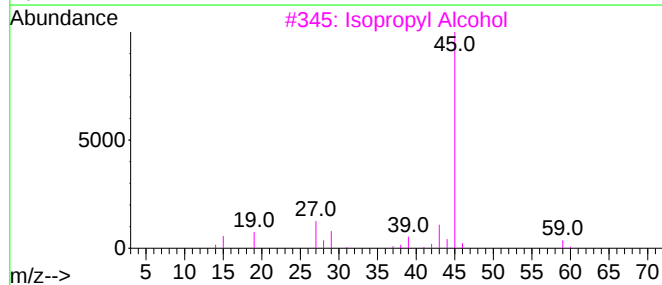
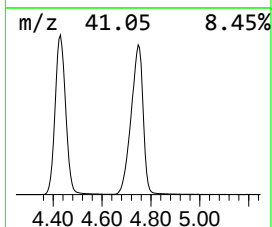
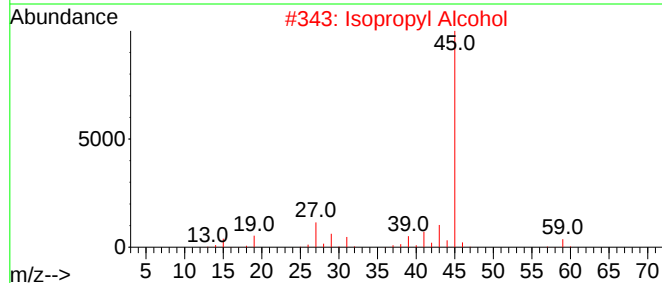
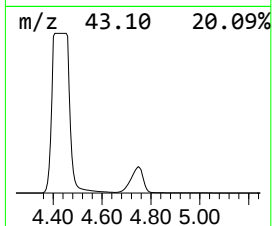
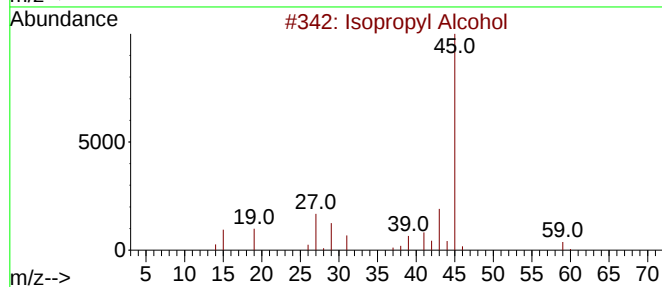
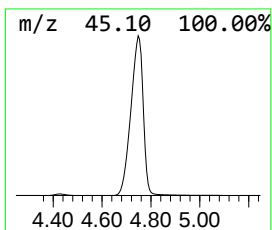
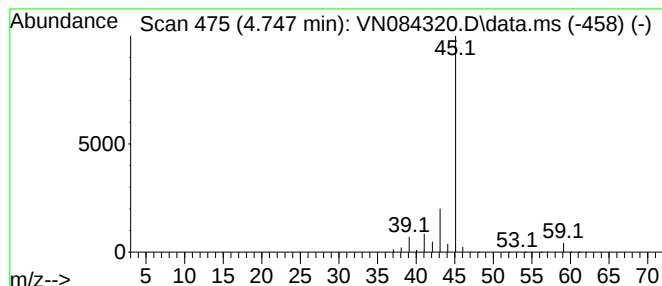
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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.
4.747	30.00 ug/l	37385500	Bromochloromethane	7.818

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	64
5	Isopropyl Alcohol			60	C3H8O	000067-63-0	56



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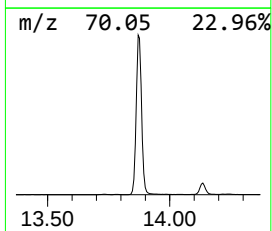
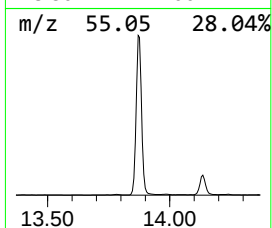
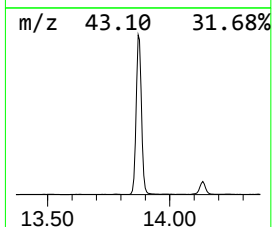
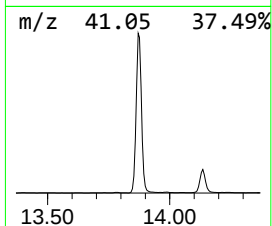
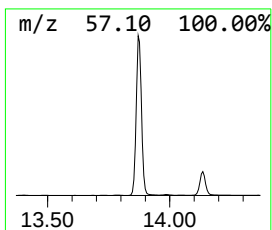
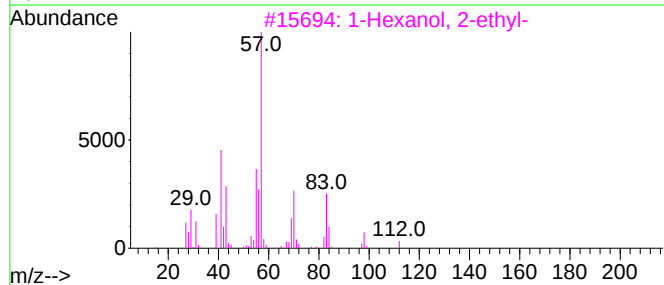
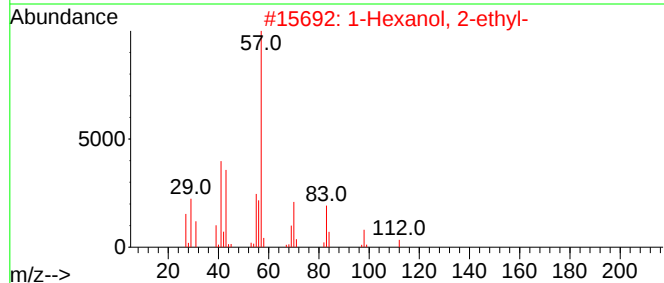
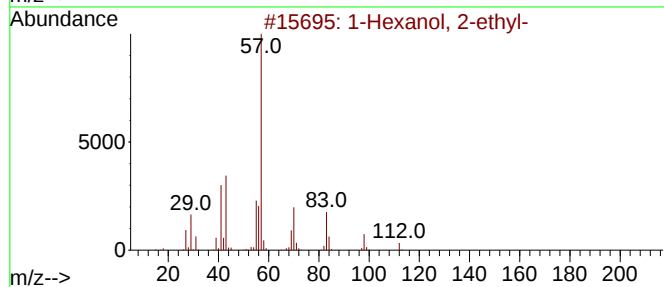
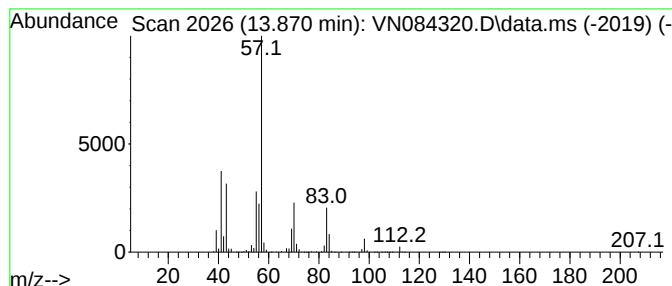
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Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.870	30.00 ug/l	17865000	Chlorobenzene-d5	11.865

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	83
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	74
5	Carbonic acid, isobutyl 2-ethylh...			230	C13H26O3	1000383-13-3	59



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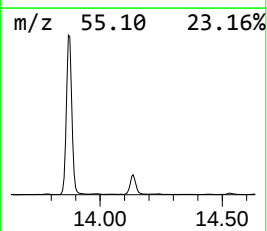
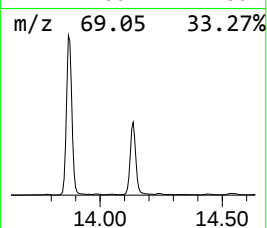
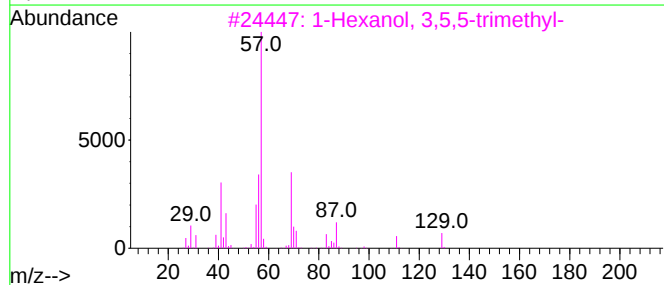
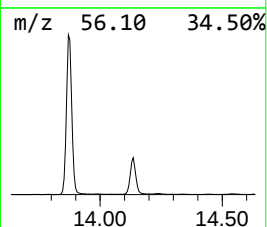
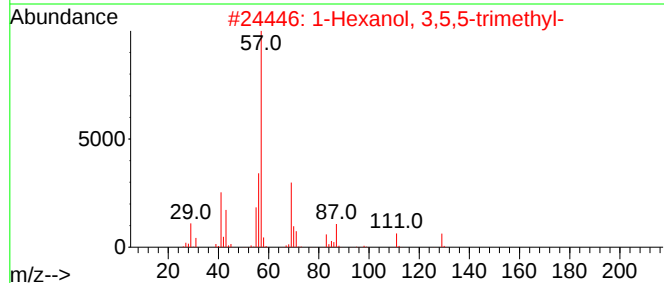
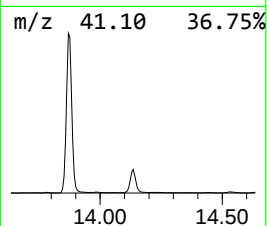
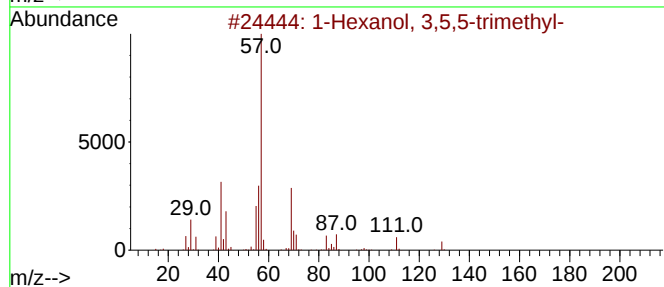
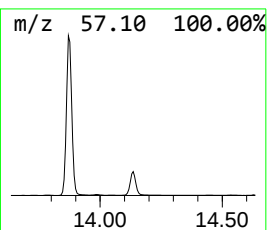
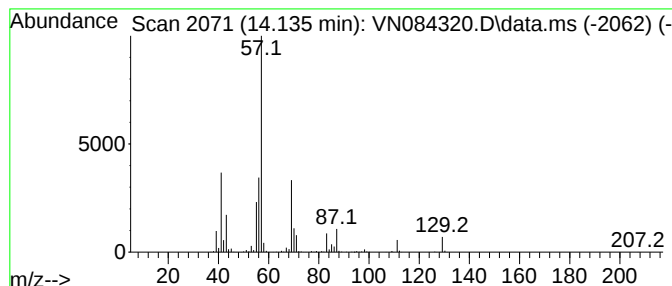
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TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Hexanol, 3,5,5-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.135	4.76 ug/l	2834110	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	90
2			1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	90
3			1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	90
4			1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	86
5			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	43



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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	4.747	30.0	ug/l	37385500	1	7.818	37385500	30.0
1-Hexanol, 2-et...	13.870	30.0	ug/l	17865000	3	11.865	17865000	30.0
1-Hexanol, 3,5,...	14.135	4.8	ug/l	2834110	3	11.865	17865000	30.0