

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
 Data File : VX041958.D
 Acq On : 20 Jun 2024 12:15
 Operator : JC/MD
 Sample : P2980-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240618075-01

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\624X061424W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX041958.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.099	161	166	184	rVB	79829	141909	33.04%	5.357%
2	2.392	208	214	230	rBV	66388	126100	29.36%	4.760%
3	2.575	238	244	251	rBV	7524	13902	3.24%	0.525%
4	3.892	454	460	473	rBV3	6573	19426	4.52%	0.733%
5	4.593	568	575	584	rBV3	1535	5293	1.23%	0.200%
6	4.904	616	626	649	rBV	49045	167588	39.01%	6.326%
7	5.099	649	658	673	rVB3	9254	30203	7.03%	1.140%
8	5.391	698	706	717	rBV3	2970	8158	1.90%	0.308%
9	5.556	724	733	742	rBV2	4264	11174	2.60%	0.422%
10	5.958	790	799	817	rBV	60170	157423	36.65%	5.943%
11	6.763	922	931	945	rBV	129726	315900	73.54%	11.925%
12	7.830	1100	1106	1115	rVB2	3859	7470	1.74%	0.282%
13	8.647	1234	1240	1249	rBV	263449	429557	100.00%	16.215%
14	8.720	1249	1252	1264	rVB	11411	22185	5.16%	0.837%
15	9.525	1380	1384	1389	rBV3	2603	4842	1.13%	0.183%
16	10.055	1463	1471	1488	rBV	266837	367393	85.53%	13.869%
17	10.512	1540	1546	1554	rBV	2689	4983	1.16%	0.188%
18	10.683	1569	1574	1584	rBV	49686	67496	15.71%	2.548%
19	10.836	1595	1599	1608	rVB	6709	9631	2.24%	0.364%
20	10.982	1616	1623	1628	rBV3	5722	8543	1.99%	0.322%
21	11.079	1634	1639	1650	rBV	213846	284169	66.15%	10.727%
22	11.774	1749	1753	1758	rBV	4273	5632	1.31%	0.213%
23	11.969	1777	1785	1789	rBV	18691	24804	5.77%	0.936%
24	12.024	1789	1794	1801	rVB4	3536	7131	1.66%	0.269%
25	12.104	1801	1807	1812	rBV	14456	19938	4.64%	0.753%
26	12.219	1821	1826	1836	rBV	12408	20921	4.87%	0.790%
27	12.579	1879	1885	1901	rBV	99185	132970	30.96%	5.019%
28	12.768	1909	1916	1920	rBV4	12950	19966	4.65%	0.754%
29	12.817	1920	1924	1939	rVB	53276	72113	16.79%	2.722%
30	13.268	1994	1998	2003	rVB	4212	4831	1.12%	0.182%
31	13.420	2020	2023	2028	rBV2	2919	4820	1.12%	0.182%
32	13.591	2042	2051	2059	rBV	34452	53361	12.42%	2.014%
33	13.731	2069	2074	2085	rVB4	17888	26970	6.28%	1.018%
34	13.847	2088	2093	2097	rBV6	2746	6025	1.40%	0.227%
35	13.981	2109	2115	2120	rVB4	4333	6955	1.62%	0.263%
36	14.195	2142	2150	2154	rBV3	10838	16545	3.85%	0.625%

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Instrument :
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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

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Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

37	14.451	2188	2192	2196	rBV2	10063	13320	3.10%	0.503%
38	14.756	2238	2242	2245	rVB	8173	9431	2.20%	0.356%

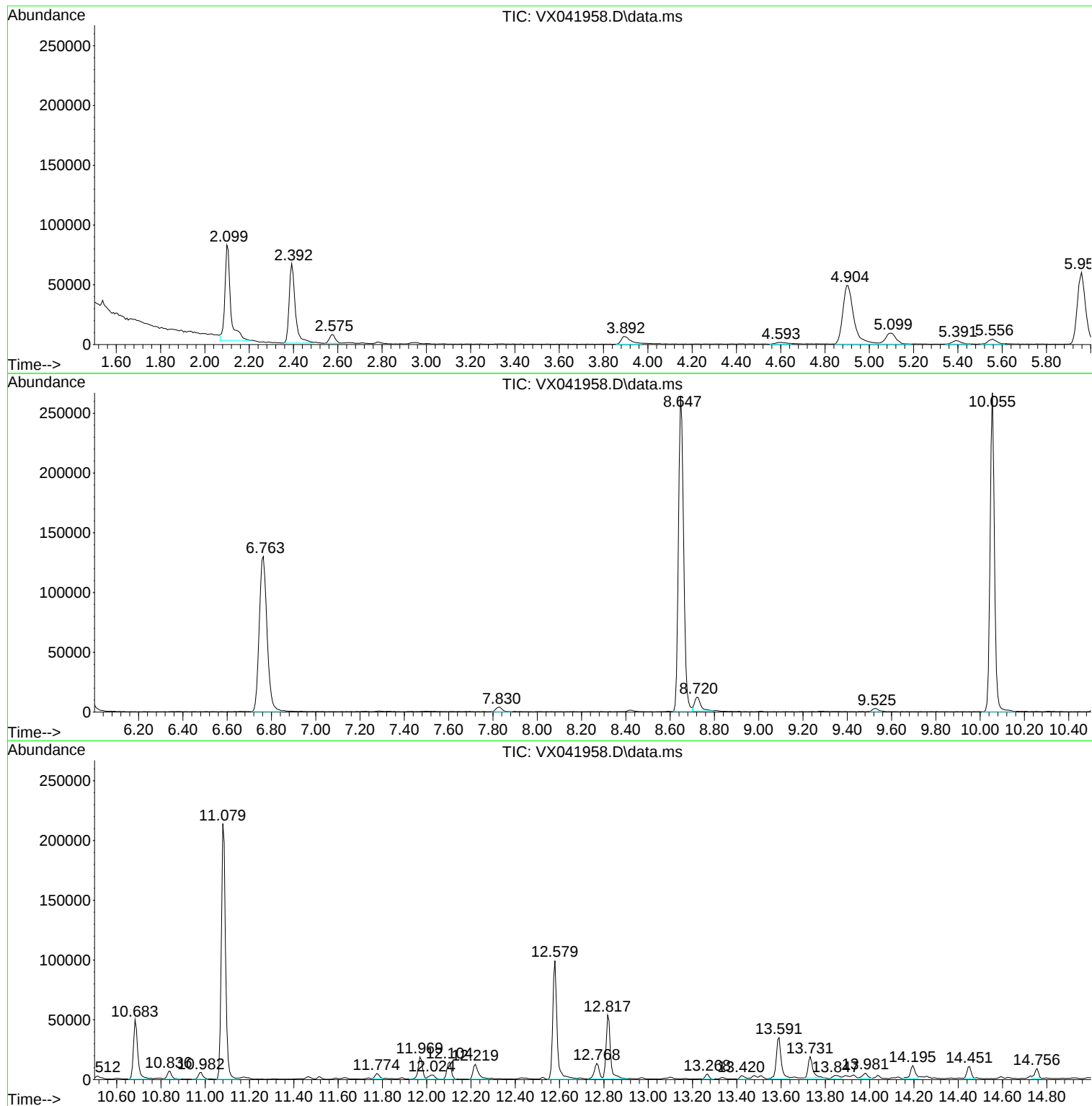
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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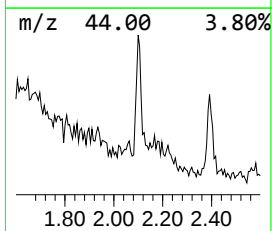
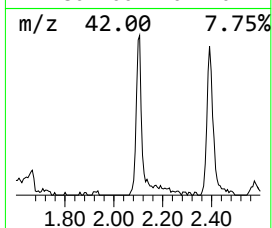
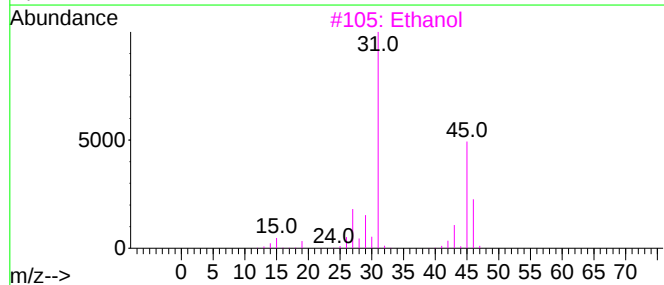
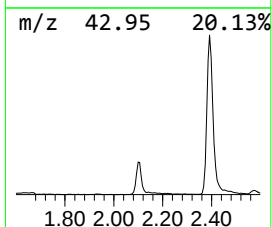
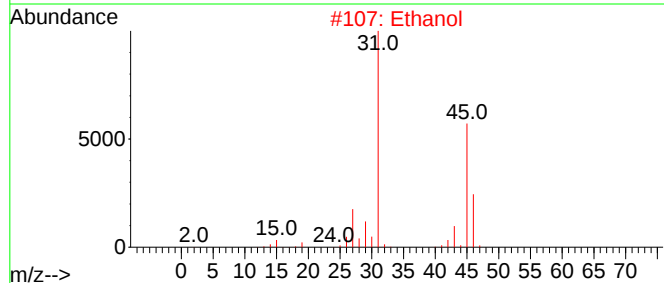
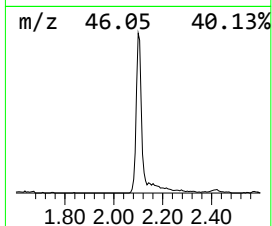
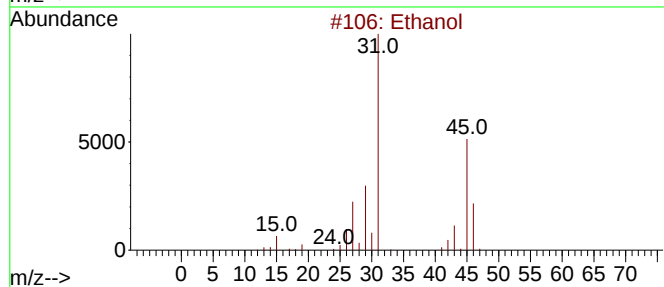
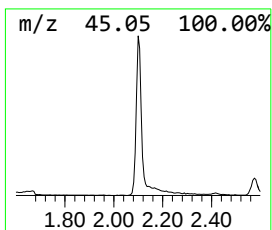
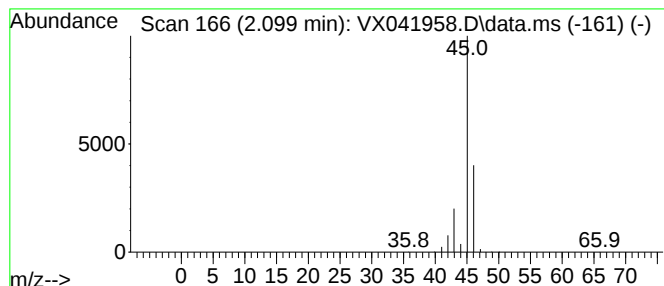
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.099	25.40 ug/l	141909	Bromochloromethane	4.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol			46	C2H6O	000064-17-5	86
2	Ethanol			46	C2H6O	000064-17-5	74
3	Ethanol			46	C2H6O	000064-17-5	43
4	Ethanol			46	C2H6O	000064-17-5	9
5	Dimethyl ether			46	C2H6O	000115-10-6	9



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
240618075-01

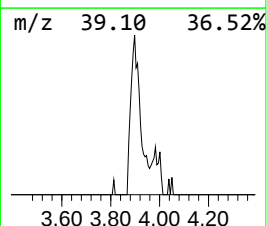
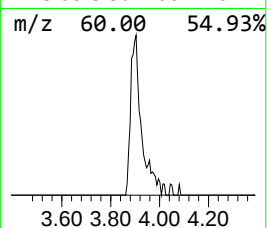
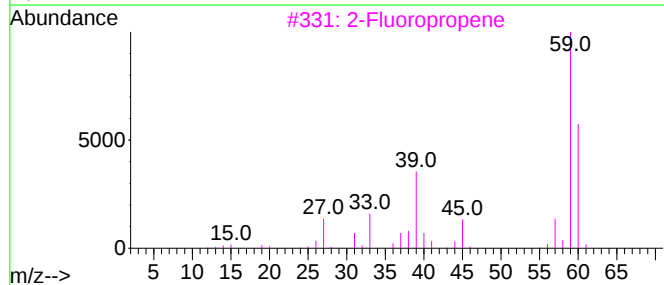
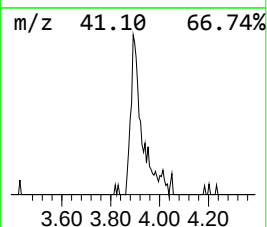
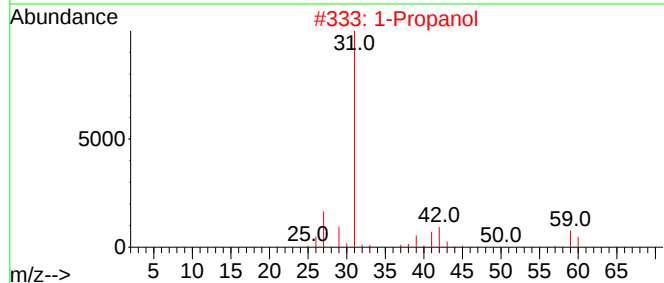
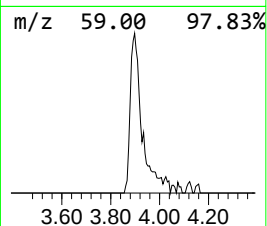
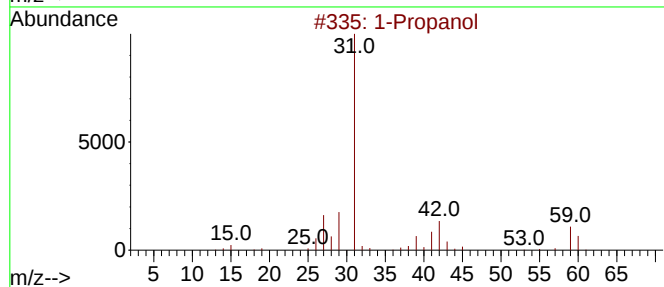
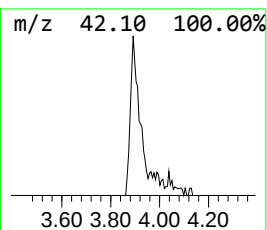
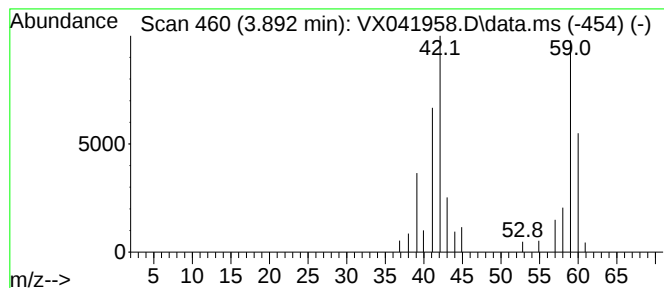
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Propanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.892	3.48 ug/l	19426	Bromochloromethane	4.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol			60	C3H8O	000071-23-8	64
2	1-Propanol			60	C3H8O	000071-23-8	64
3	2-Fluoropropene			60	C3H5F	001184-60-7	43
4	Allyl fluoride			60	C3H5F	000818-92-8	43
5	2-Fluoropropene			60	C3H5F	001184-60-7	38



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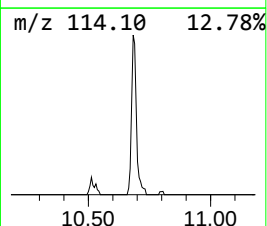
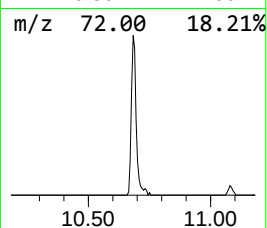
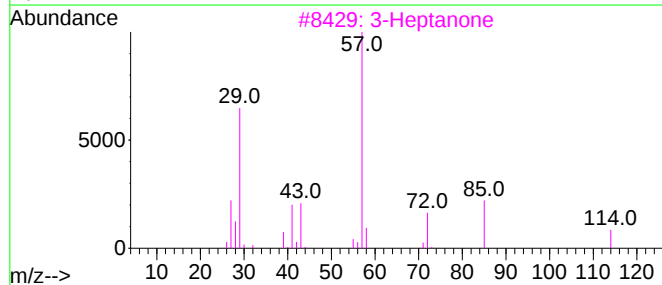
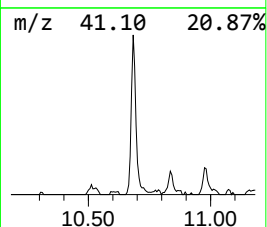
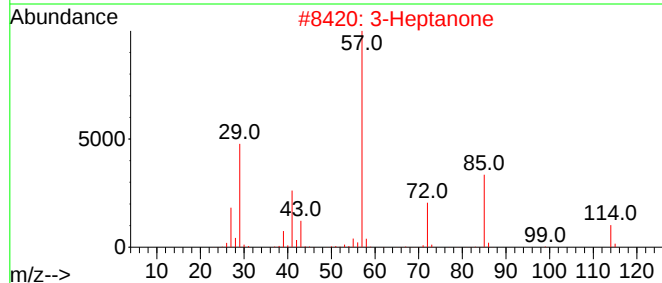
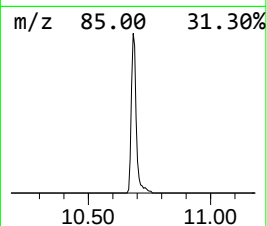
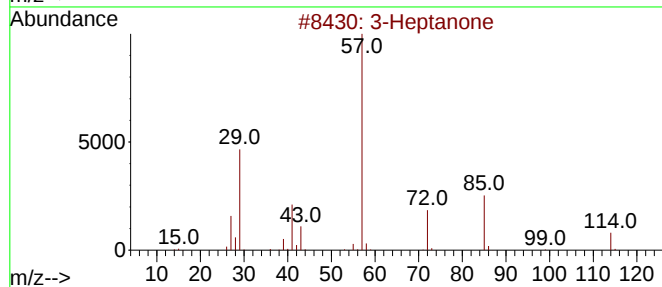
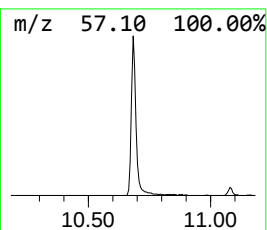
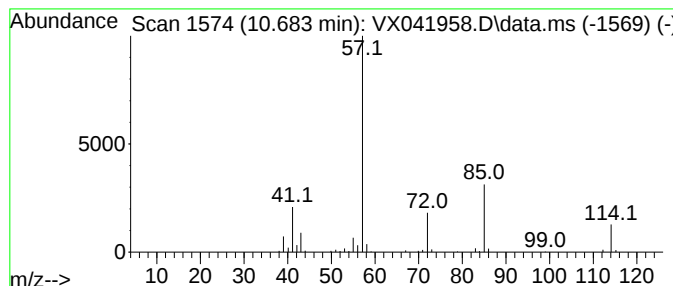
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
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Peak Number 3 3-Heptanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.683	5.51 ug/l	67496	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Heptanone	114	C7H14O	000106-35-4	87
2			3-Heptanone	114	C7H14O	000106-35-4	87
3			3-Heptanone	114	C7H14O	000106-35-4	72
4			3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	64
5			3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	58



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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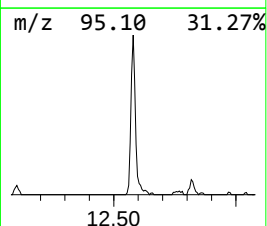
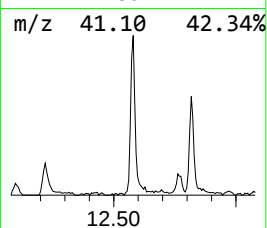
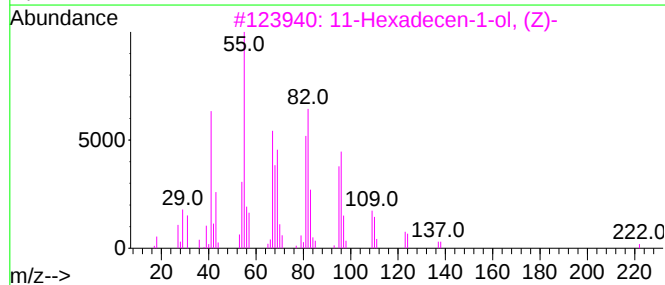
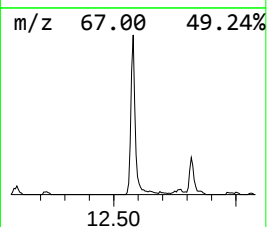
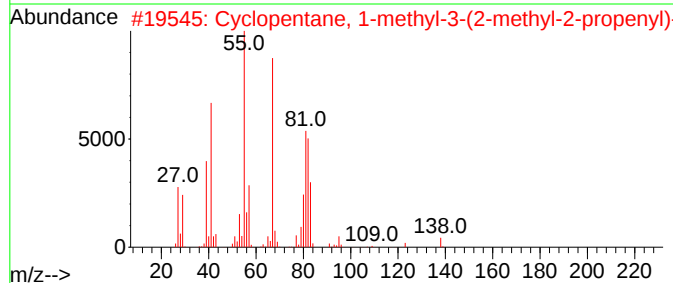
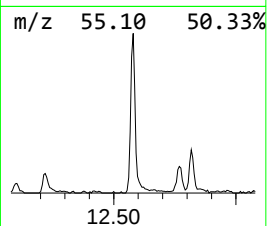
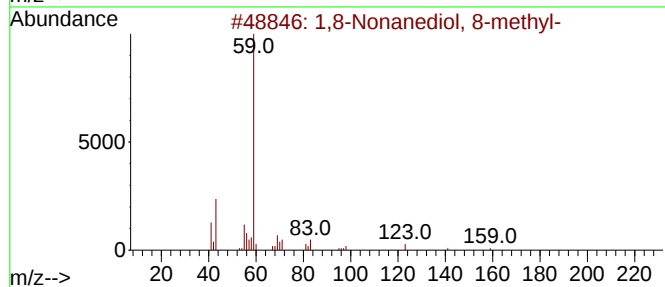
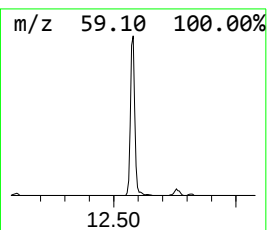
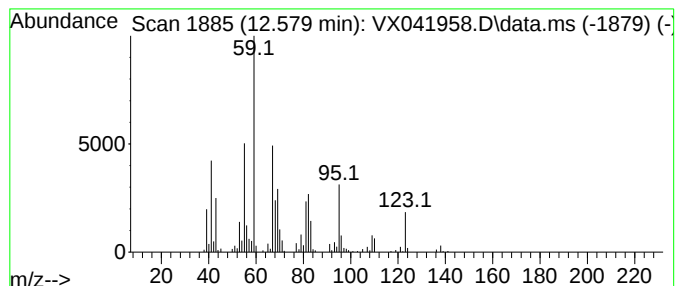
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 4 unknown12.579 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.579	10.86 ug/l	132970	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	35
2			Cyclopentane, 1-methyl-3-(2-meth...	138	C10H18	075873-00-6	20
3			11-Hexadecen-1-ol, (Z)-	240	C16H32O	056683-54-6	16
4			1,13-Tetradecadiene	194	C14H26	021964-49-8	16
5			10-Undecen-1-ol	170	C11H22O	000112-43-6	16



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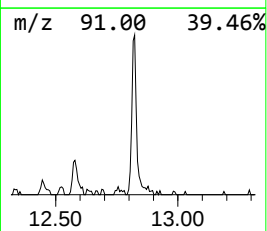
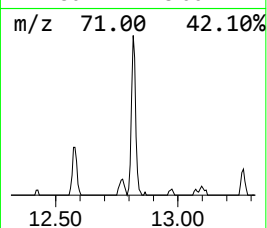
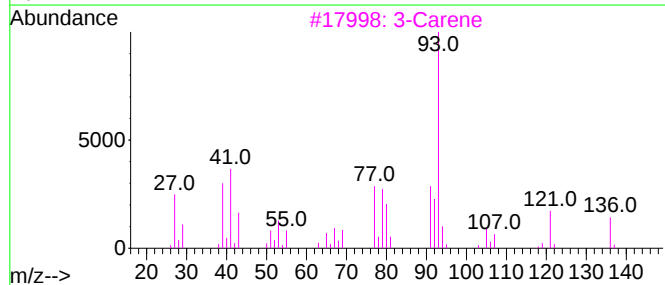
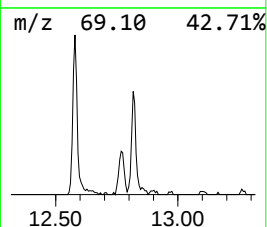
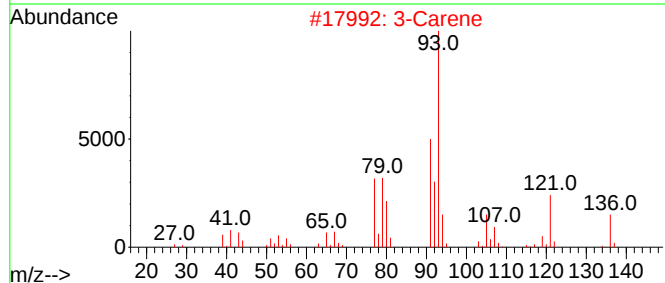
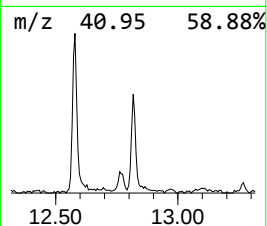
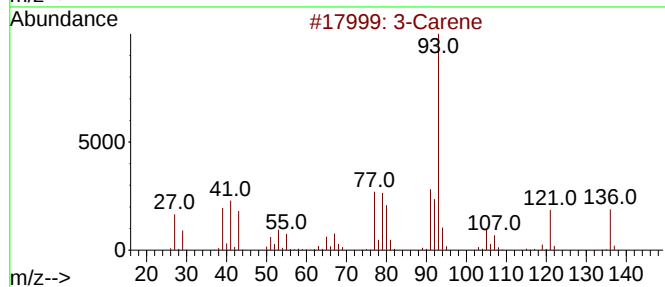
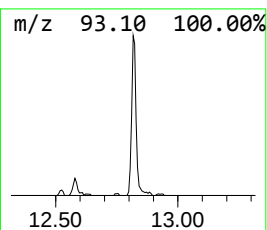
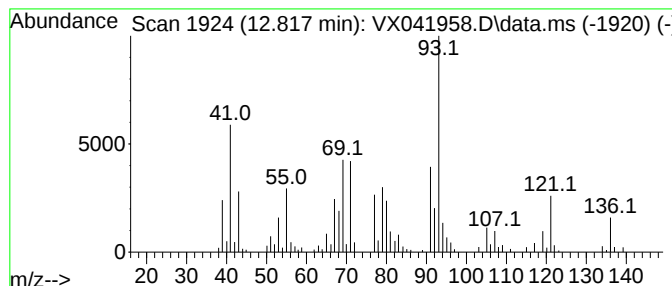
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 3-Carene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.817	5.89 ug/l	72113	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Carene	136	C10H16	013466-78-9	94
2			3-Carene	136	C10H16	013466-78-9	93
3			3-Carene	136	C10H16	013466-78-9	93
4			4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	93
5			1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041958.D
Acq On : 20 Jun 2024 12:15
Operator : JC/MD
Sample : P2980-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240618075-01

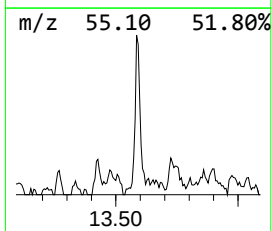
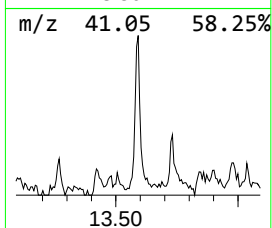
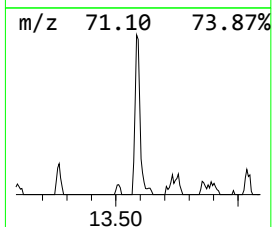
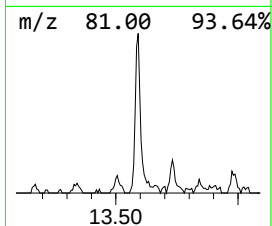
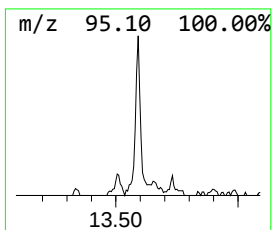
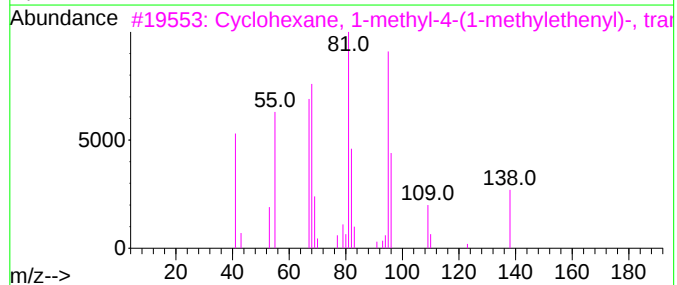
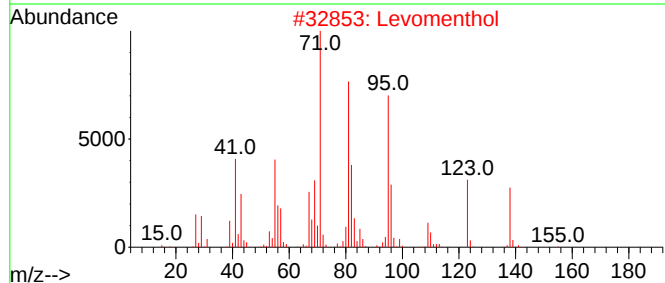
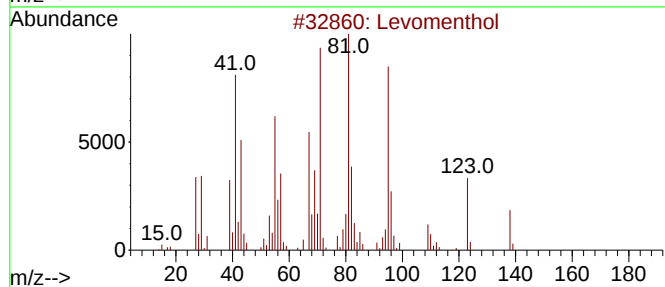
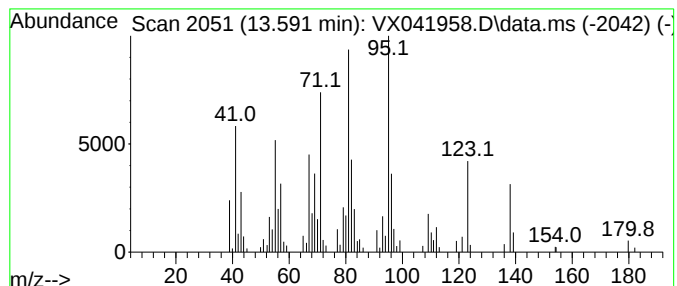
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 6 Levomenthol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.591	4.36 ug/l	53361	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Levomenthol	156	C10H20O	002216-51-5	80
2			Levomenthol	156	C10H20O	002216-51-5	80
3			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	70
4			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	70
5			(1S)-(+)-Menthyl chloroformate	218	C11H19ClO2	007635-54-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041958.D
Acq On : 20 Jun 2024 12:15
Operator : JC/MD
Sample : P2980-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240618075-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.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
Ethanol	2.099	25.4	ug/l	141909	1	4.904	167588	30.0
1-Propanol	3.892	3.5	ug/l	19426	1	4.904	167588	30.0
3-Heptanone	10.683	5.5	ug/l	67496	3	10.055	367393	30.0
unknown12.579	12.579	10.9	ug/l	132970	3	10.055	367393	30.0
3-Carene	12.817	5.9	ug/l	72113	3	10.055	367393	30.0
Levomenthol	13.591	4.4	ug/l	53361	3	10.055	367393	30.0