

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
 Data File : VX042246.D
 Acq On : 09 Jul 2024 13:43
 Operator : JC/MD
 Sample : P3161-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240702102-03

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: VX042246.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.093	161	165	171	rVB	26888	34607	8.37%	1.451%
2	2.392	208	214	228	rBV2	31829	79386	19.21%	3.329%
3	2.569	238	243	253	rVB	11697	20307	4.91%	0.852%
4	3.898	455	461	471	rBV5	2368	5927	1.43%	0.249%
5	4.904	615	626	653	rBV2	47897	168673	40.82%	7.074%
6	5.958	789	799	814	rBV	56911	151172	36.58%	6.340%
7	6.763	922	931	950	rBV	125240	306016	74.05%	12.834%
8	7.232	1002	1008	1018	rBV2	7296	20113	4.87%	0.844%
9	8.421	1197	1203	1214	rBV3	4941	10626	2.57%	0.446%
10	8.653	1234	1241	1248	rBV	255060	413254	100.00%	17.331%
11	8.720	1248	1252	1262	rVB	23819	40281	9.75%	1.689%
12	10.055	1465	1471	1488	rBV	259906	355920	86.13%	14.927%
13	10.512	1541	1546	1558	rBV	8306	13358	3.23%	0.560%
14	11.085	1634	1640	1655	rBV	200569	282077	68.26%	11.830%
15	11.287	1668	1673	1689	rBV	60595	105796	25.60%	4.437%
16	11.518	1706	1711	1720	rVB5	2724	7206	1.74%	0.302%
17	11.744	1744	1748	1752	rBV	5097	6411	1.55%	0.269%
18	11.933	1773	1779	1782	rBV	7910	10014	2.42%	0.420%
19	11.969	1782	1785	1789	rVB	8159	9790	2.37%	0.411%
20	12.104	1803	1807	1809	rVV4	6083	8550	2.07%	0.359%
21	12.152	1812	1815	1818	rVB	5757	7054	1.71%	0.296%
22	12.219	1821	1826	1832	rBV2	9513	14745	3.57%	0.618%
23	12.579	1880	1885	1892	rBV	58680	76623	18.54%	3.213%
24	12.768	1909	1916	1920	rBV3	7255	10847	2.62%	0.455%
25	12.817	1920	1924	1939	rVB	30921	43037	10.41%	1.805%
26	13.481	2029	2033	2035	rBV3	4738	6673	1.61%	0.280%
27	13.506	2035	2037	2042	rVB3	7343	8864	2.14%	0.372%
28	13.591	2045	2051	2062	rBV	91073	132202	31.99%	5.544%
29	13.731	2070	2074	2081	rBV9	3413	7115	1.72%	0.298%
30	13.804	2081	2086	2091	rVV	7572	9962	2.41%	0.418%
31	13.896	2096	2101	2109	rVB8	3002	6232	1.51%	0.261%
32	14.195	2143	2150	2157	rBV4	2888	5122	1.24%	0.215%
33	14.451	2187	2192	2195	rBV2	4564	6469	1.57%	0.271%

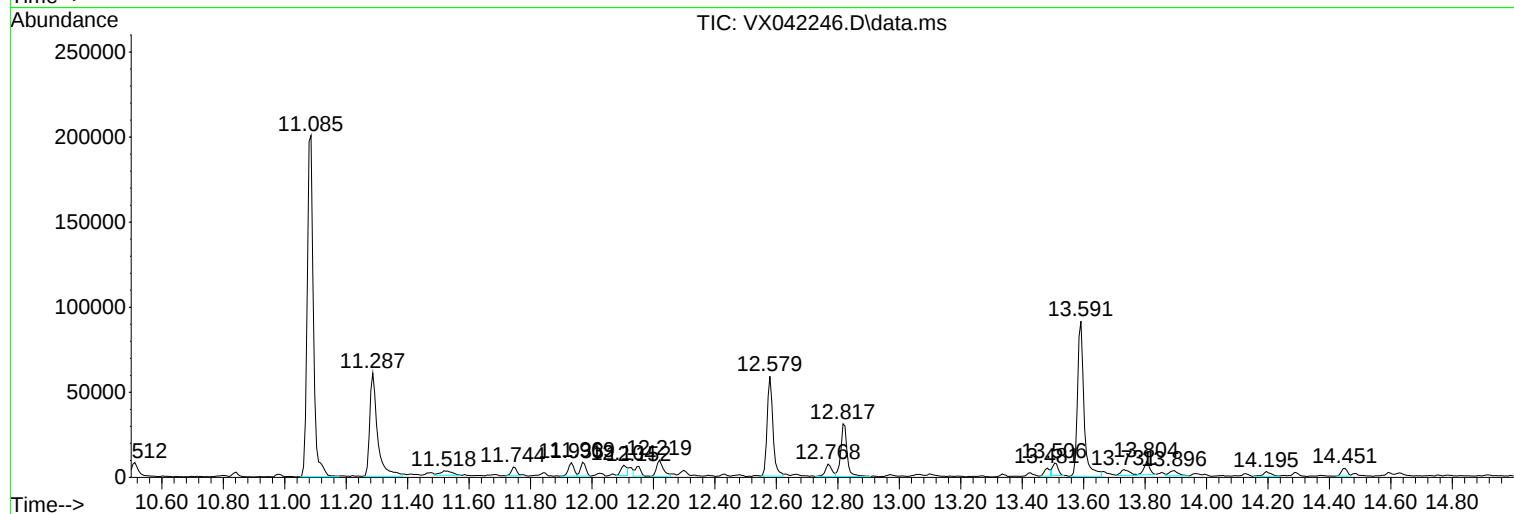
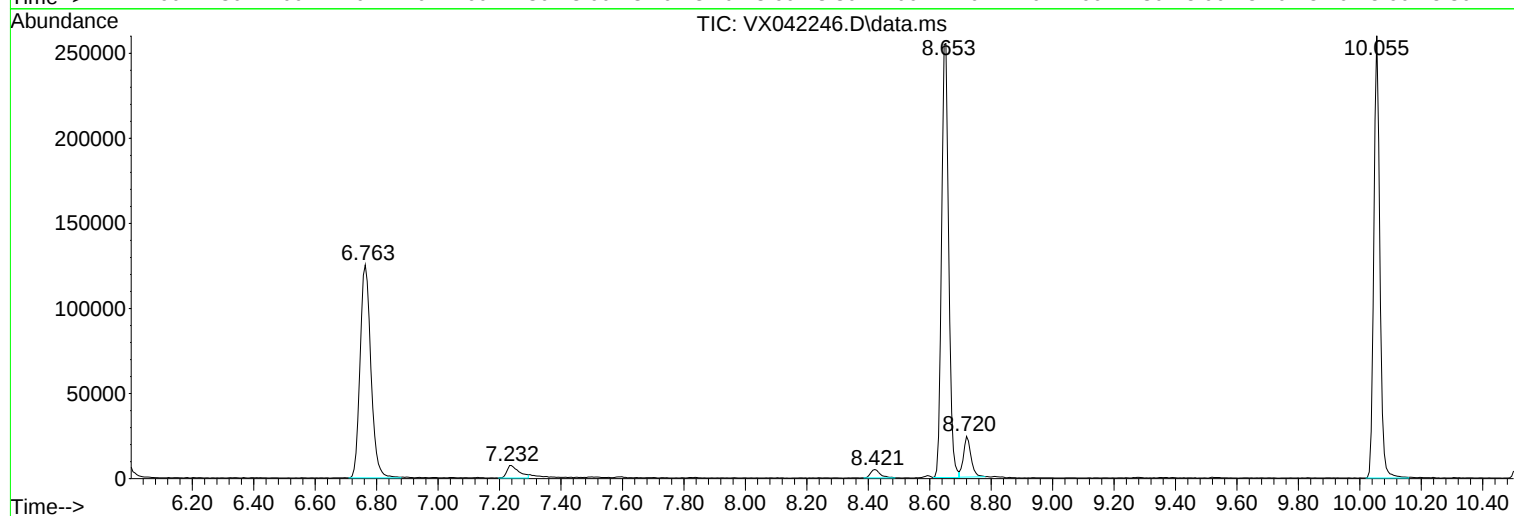
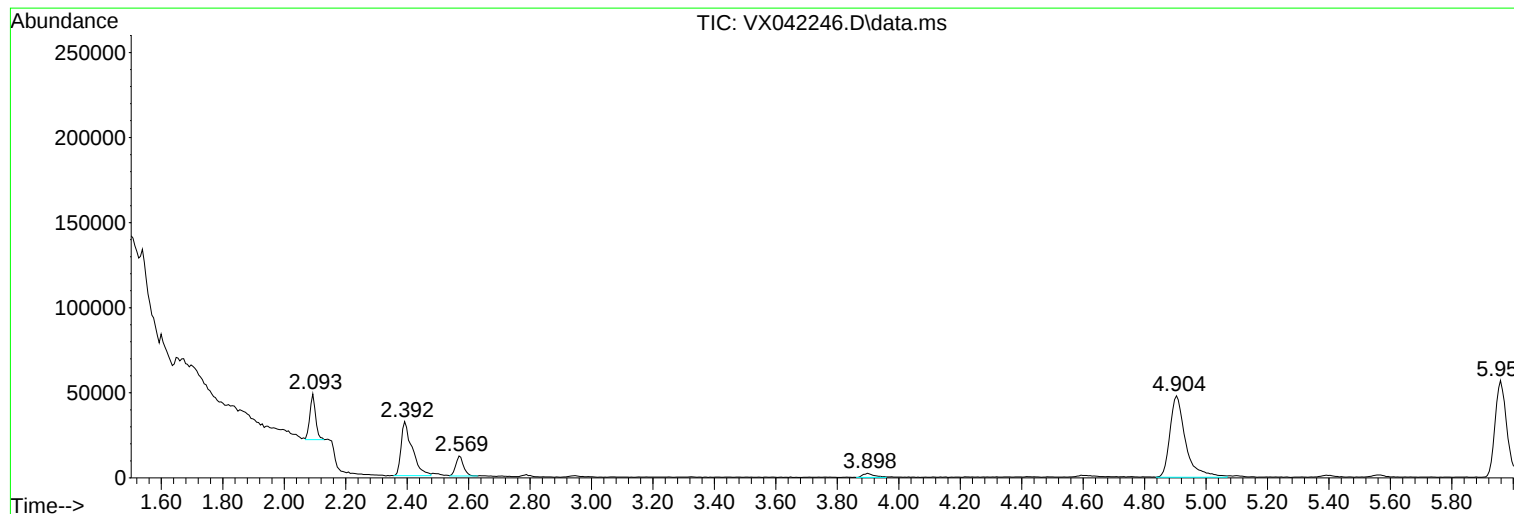
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ClientSampleId :
240702102-03

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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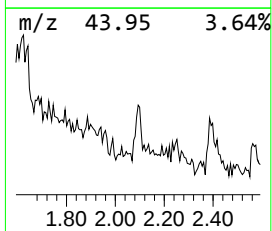
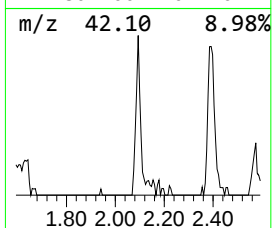
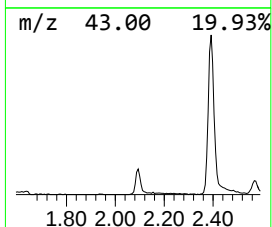
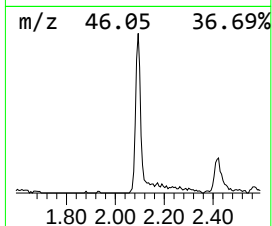
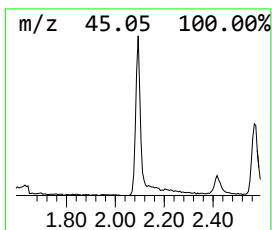
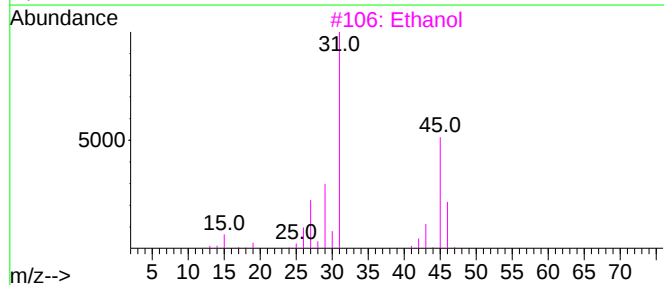
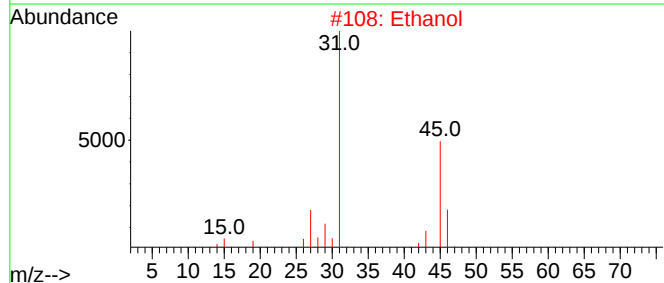
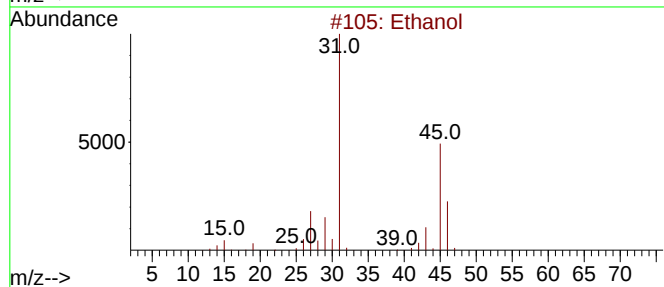
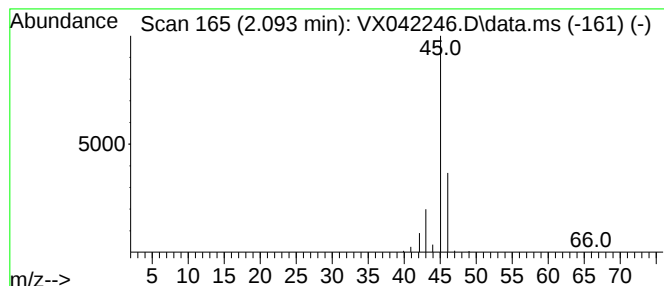
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 unknown2.093 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.093	6.16 ug/l	34607	Bromochloromethane	4.904

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



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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240702102-03

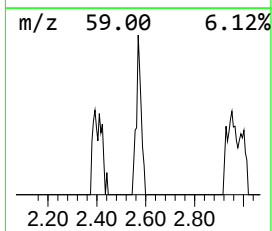
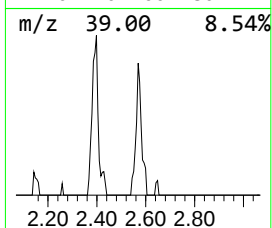
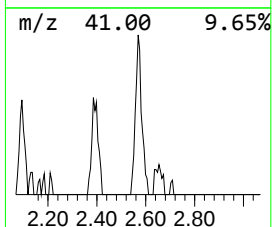
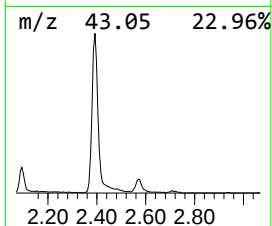
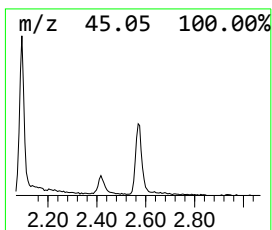
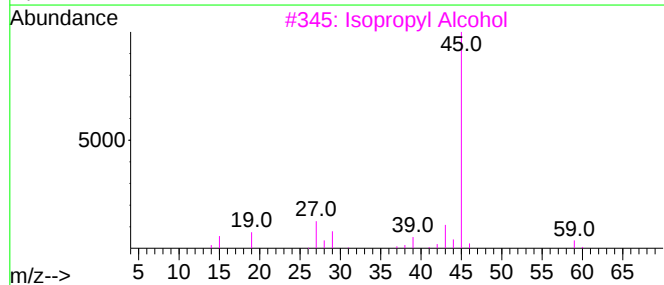
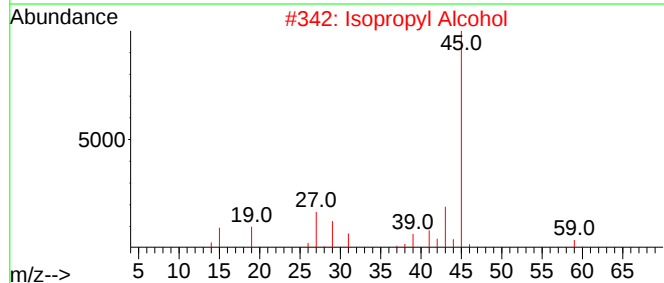
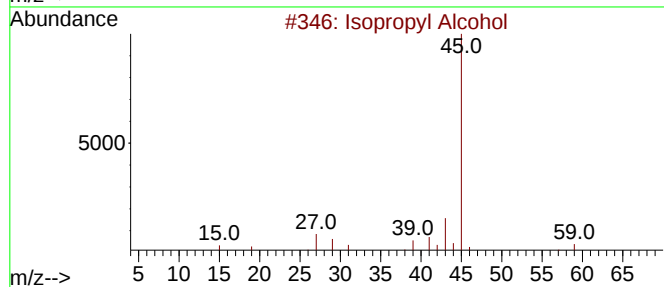
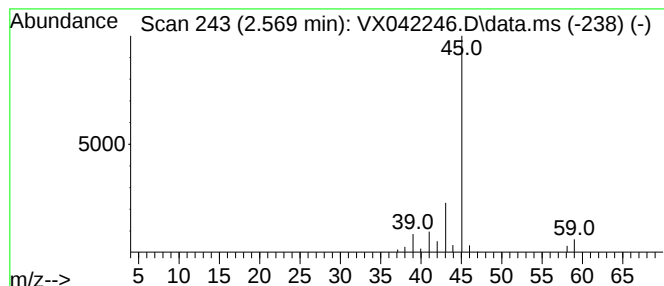
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.569	3.61 ug/l	20307	Bromochloromethane	4.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	43
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5			Ethylamine	45	C2H7N	000075-04-7	5



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ALS Vial : 11 Sample Multiplier: 1

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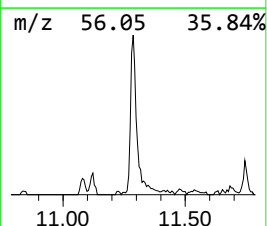
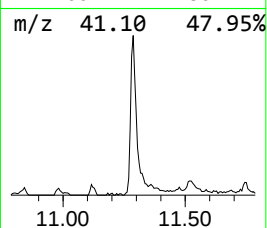
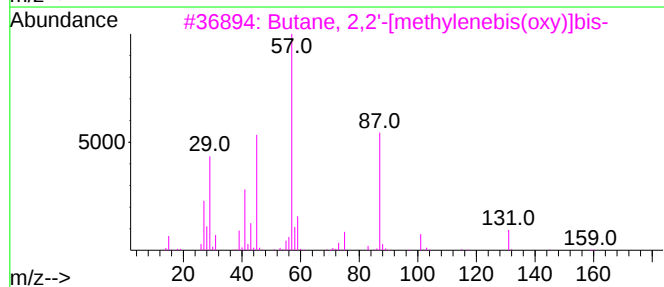
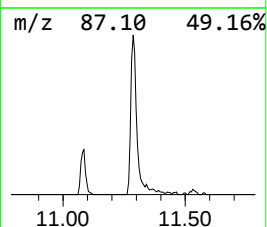
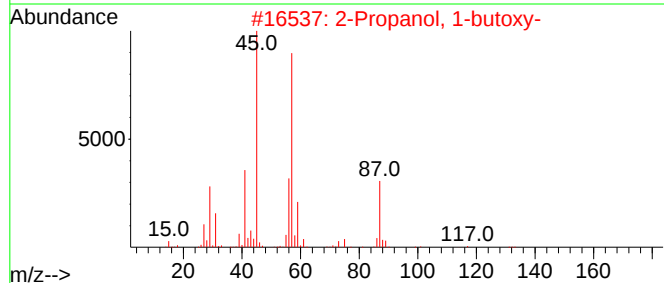
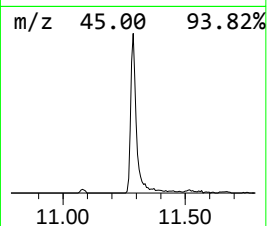
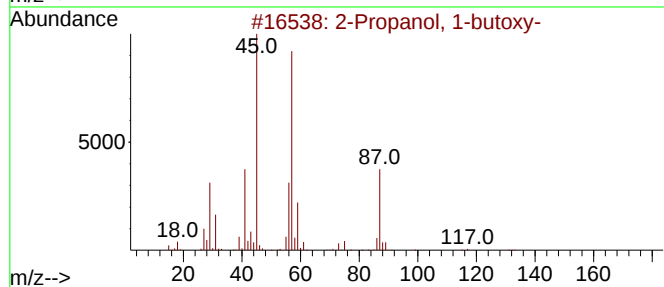
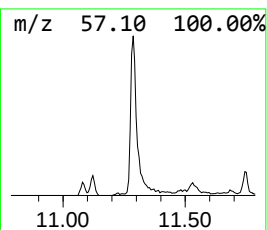
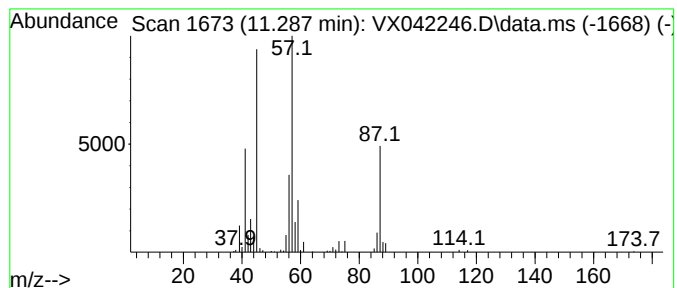
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Propanol, 1-butoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.287	8.92 ug/l	105796	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-			132	C7H16O2	005131-66-8	78
2	2-Propanol, 1-butoxy-			132	C7H16O2	005131-66-8	72
3	Butane, 2,2'-[methylenebis(oxy)]...			160	C9H20O2	002568-92-5	59
4	4-Heptanol, 3,5-dimethyl-			144	C9H20O	019549-79-2	53
5	Butane, 1-(1-methylpropoxy)-			130	C8H18O	000999-65-5	47



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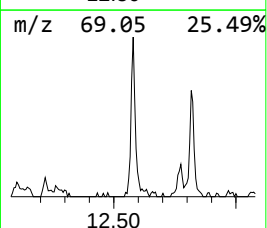
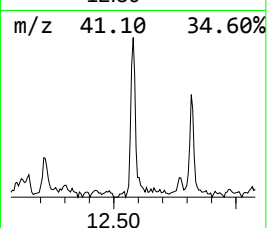
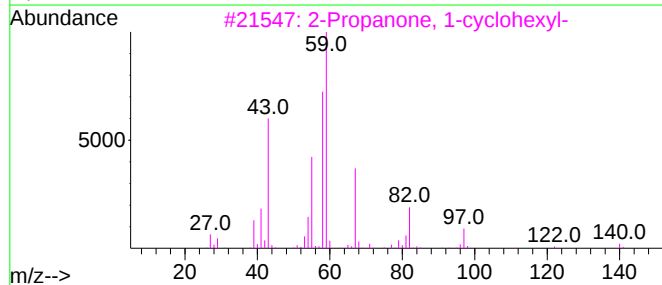
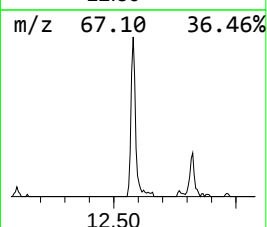
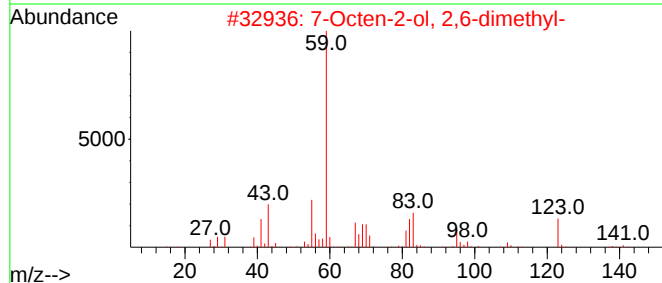
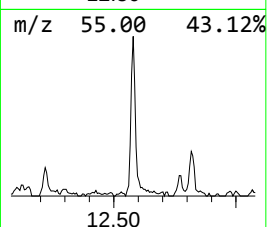
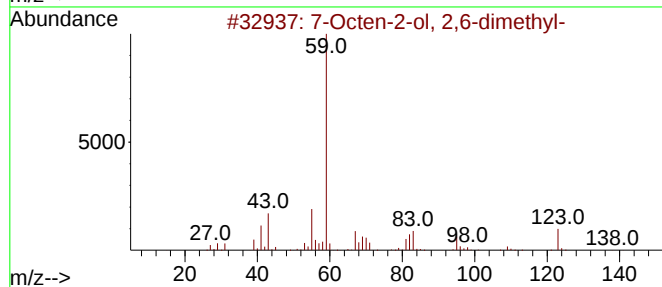
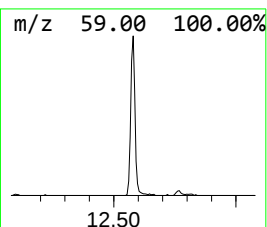
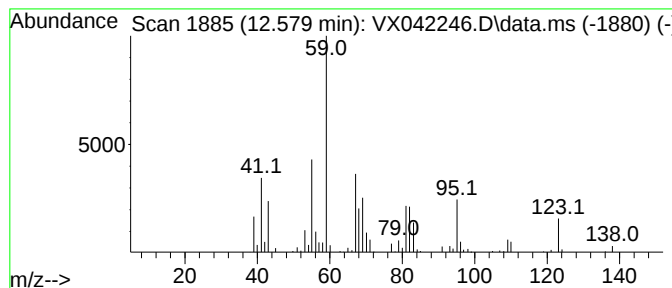
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 unknown12.579 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.579	6.46 ug/l	76623	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	45
2			7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	40
3			2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	38
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	38
5			Carbonic acid, 3-fluorophenyl 2-...	214	C10H11FO4	1010331-46-3	37



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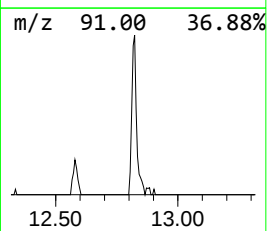
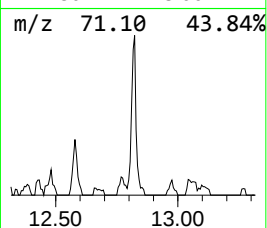
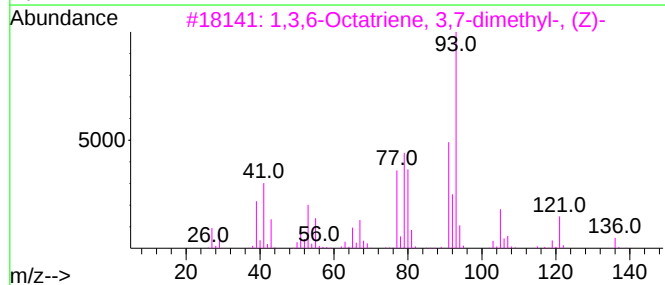
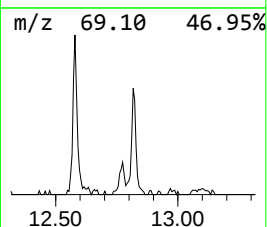
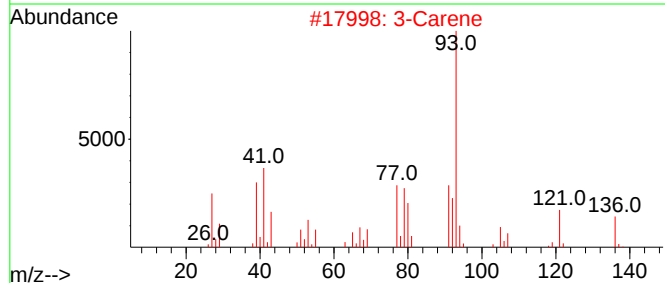
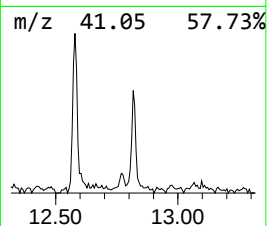
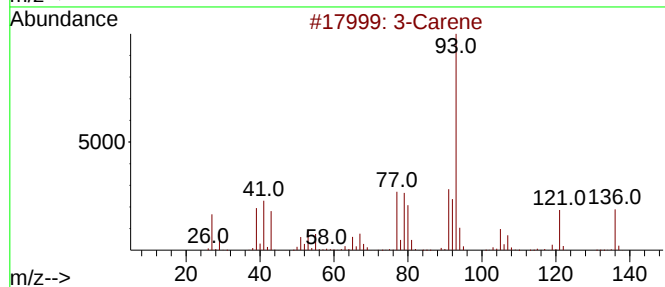
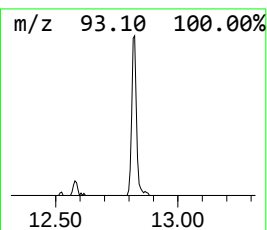
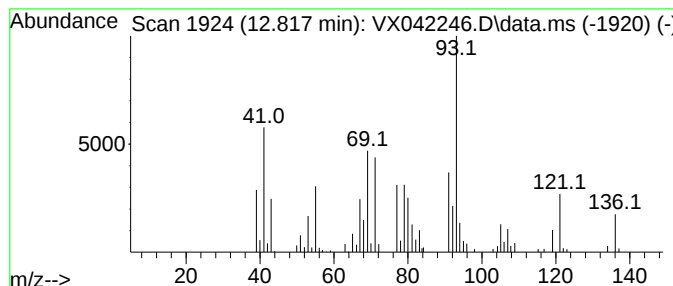
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Peak Number 5 3-Carene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.817	3.63 ug/l	43037	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	94
3			1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	90
4			Cyclopentene, 3-isopropenyl-5,5-...	136	C10H16	1000162-25-4	76
5			Cyclopropane, 1,1-dimethyl-2-(3-...	136	C10H16	068998-21-0	76



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Operator : JC/MD
Sample : P3161-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

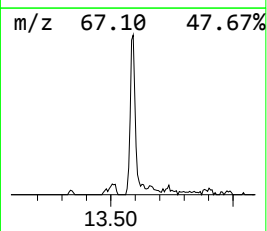
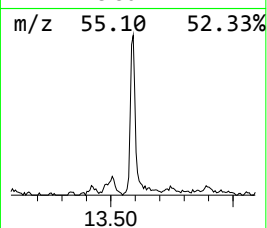
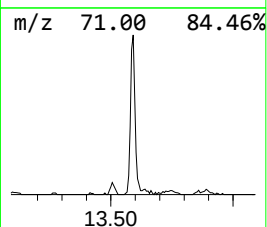
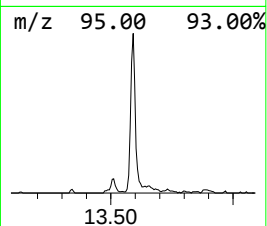
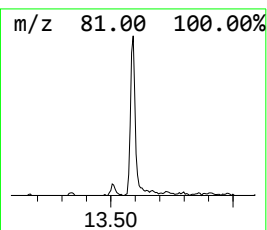
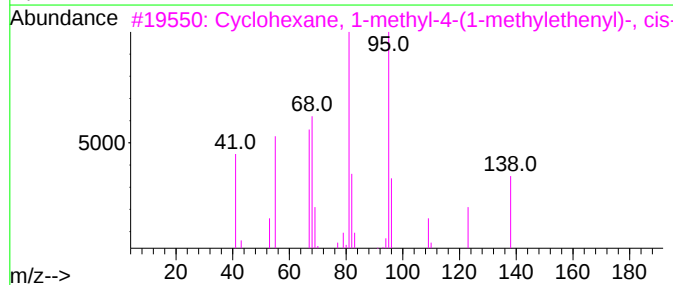
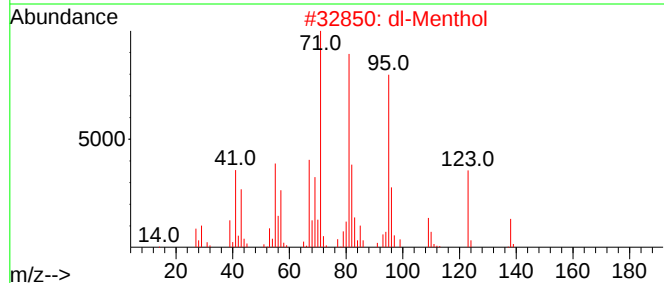
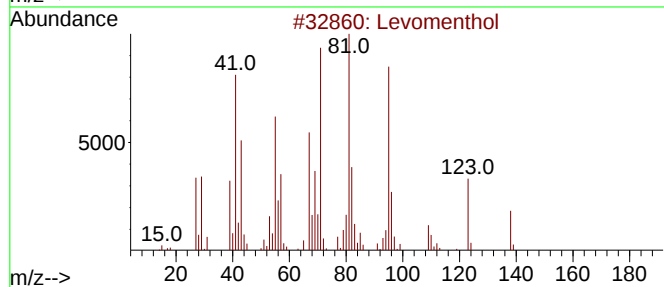
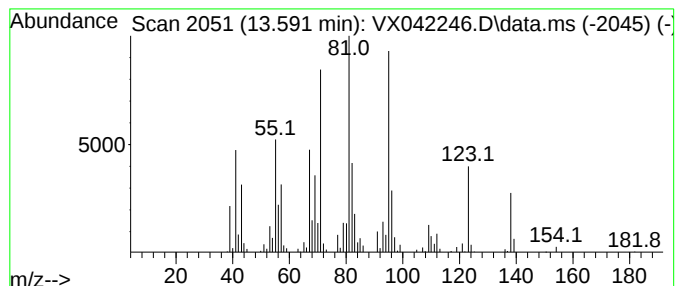
Instrument :
MSVOA_X
ClientSampleId :
240702102-03

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

Peak Number 6 Levomenthol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.591	11.14 ug/l	132202	Chlorobenzene-d5	10.055	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Levomenthol	156	C10H20O	002216-51-5	91
2	dl-Menthol	156	C10H20O	000089-78-1	91
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	86
4	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	83
5	L-Menthyl chloroformate	218	C11H19ClO2	014602-86-9	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
Data File : VX042246.D
Acq On : 09 Jul 2024 13:43
Operator : JC/MD
Sample : P3161-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240702102-03

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
unknown2.093	2.093	6.2	ug/l	34607	1	4.904	168673	30.0
Isopropyl Alcohol	2.569	3.6	ug/l	20307	1	4.904	168673	30.0
2-Propanol, 1-b...	11.287	8.9	ug/l	105796	3	10.055	355920	30.0
unknown12.579	12.579	6.5	ug/l	76623	3	10.055	355920	30.0
3-Carene	12.817	3.6	ug/l	43037	3	10.055	355920	30.0
Levomenthol	13.591	11.1	ug/l	132202	3	10.055	355920	30.0