

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
 Data File : VN081808.D
 Acq On : 19 Apr 2024 14:52
 Operator : JC\MD
 Sample : P2190-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240417090-02

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\624N041024W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN081808.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.659	119	120	126	rVB3	3641	4930	1.49%	0.249%
2	2.818	139	147	154	rBV3	16394	38107	11.54%	1.922%
3	2.977	172	174	178	rVB4	2979	3842	1.16%	0.194%
4	3.089	189	193	195	rVB3	3264	3519	1.07%	0.178%
5	3.236	212	218	219	rBV5	2352	4780	1.45%	0.241%
6	3.265	221	223	230	rVB3	5280	10330	3.13%	0.521%
7	3.789	302	312	323	rBV	39145	105346	31.91%	5.314%
8	4.430	410	421	430	rBV2	27831	84411	25.57%	4.258%
9	4.524	432	437	447	rVB4	6763	19342	5.86%	0.976%
10	4.712	460	469	482	rBV2	12263	38519	11.67%	1.943%
11	5.277	556	565	570	rBV6	4706	13813	4.18%	0.697%
12	6.571	782	785	793	rVB4	1729	3794	1.15%	0.191%
13	6.724	804	811	812	rBV4	3705	5817	1.76%	0.293%
14	7.483	934	940	941	rBV3	3454	4253	1.29%	0.215%
15	7.812	986	996	1008	rVB4	39300	102802	31.14%	5.186%
16	7.965	1015	1022	1032	rVB3	9990	22545	6.83%	1.137%
17	8.577	1116	1126	1138	rBV	61059	143264	43.40%	7.227%
18	9.100	1207	1215	1226	rBV	96165	198545	60.14%	10.016%
19	10.377	1427	1432	1442	rVB3	6043	12050	3.65%	0.608%
20	10.571	1457	1465	1472	rBV	173683	318023	96.34%	16.043%
21	10.630	1472	1475	1480	rVB4	4987	7887	2.39%	0.398%
22	11.865	1676	1685	1695	rBV	184991	330119	100.00%	16.653%
23	12.847	1845	1852	1860	rVB2	154280	274017	83.01%	13.823%
24	13.706	1992	1998	2010	rVB4	33173	66138	20.03%	3.336%
25	13.859	2018	2024	2033	rVB7	16717	34545	10.46%	1.743%
26	13.947	2033	2039	2047	rVB4	3802	5890	1.78%	0.297%
27	14.247	2084	2090	2095	rBV3	43150	71321	21.60%	3.598%
28	14.300	2095	2099	2107	rVB3	6440	11173	3.38%	0.564%
29	14.447	2118	2124	2128	rBV4	7272	12616	3.82%	0.636%
30	14.488	2128	2131	2138	rVB3	19310	30576	9.26%	1.542%

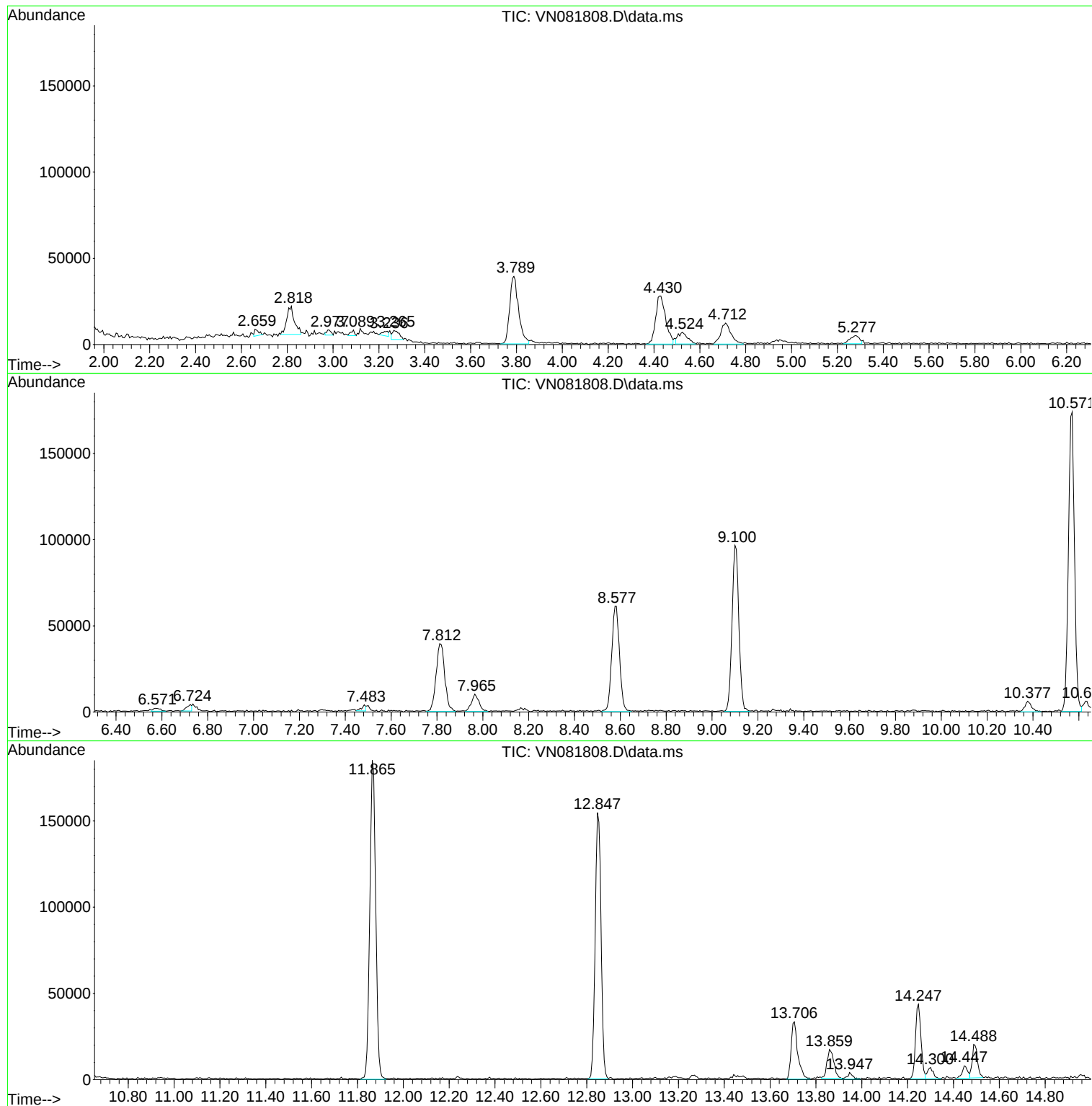
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240417090-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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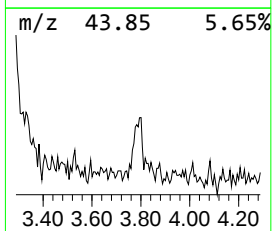
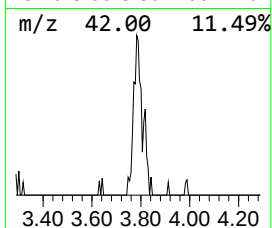
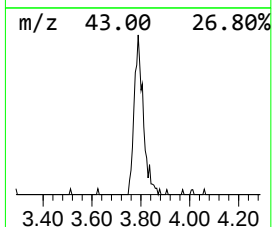
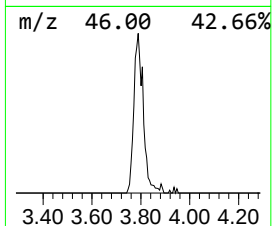
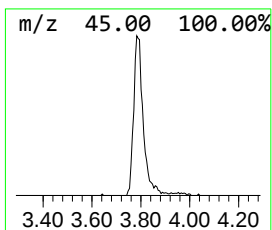
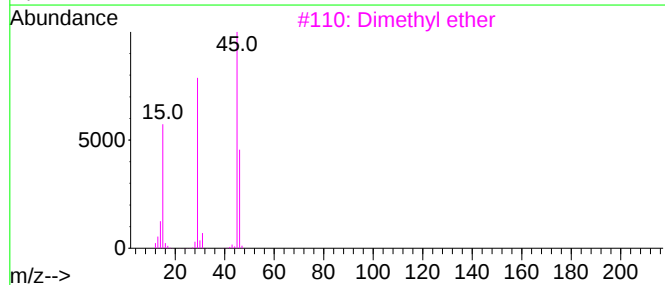
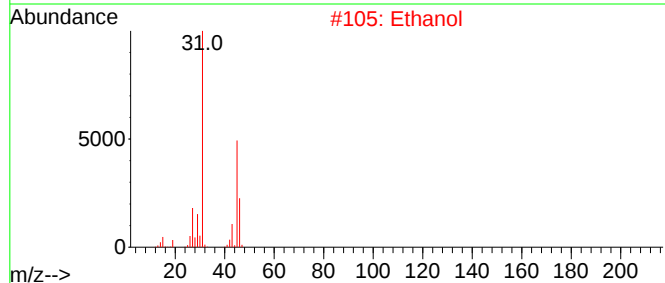
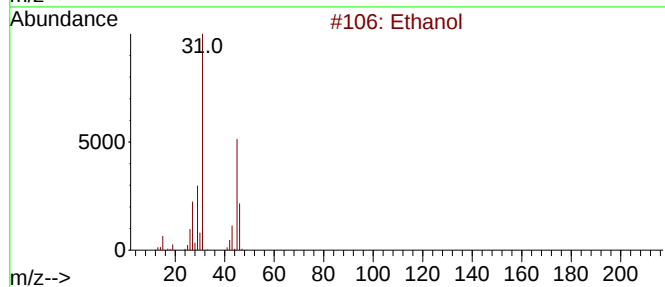
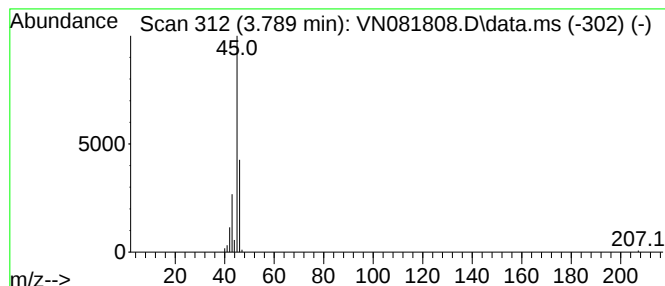
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 3 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.789	30.74 ug/l	105346	Bromochloromethane	7.818

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol			46	C2H6O	000064-17-5	74
2	Ethanol			46	C2H6O	000064-17-5	64
3	Dimethyl ether			46	C2H6O	000115-10-6	9
4	Ethanol			46	C2H6O	000064-17-5	9
5	Dimethyl ether			46	C2H6O	000115-10-6	9



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ClientSampleId :
240417090-02

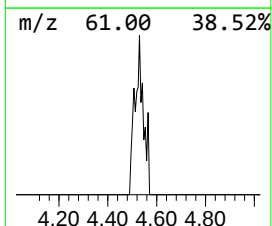
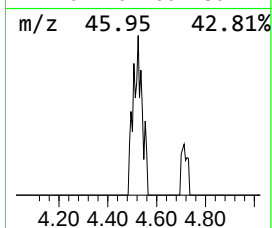
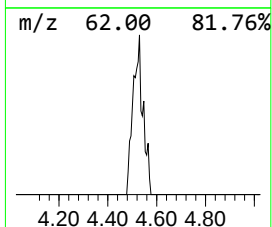
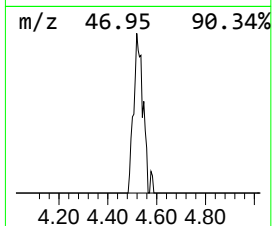
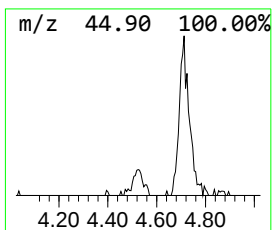
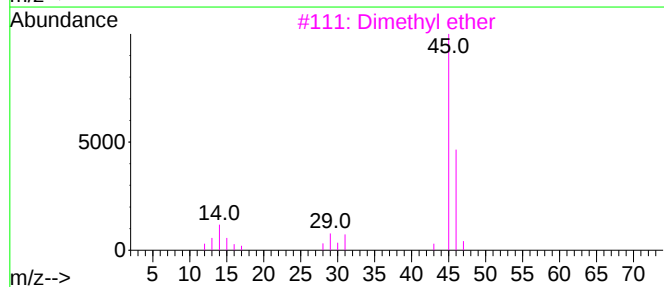
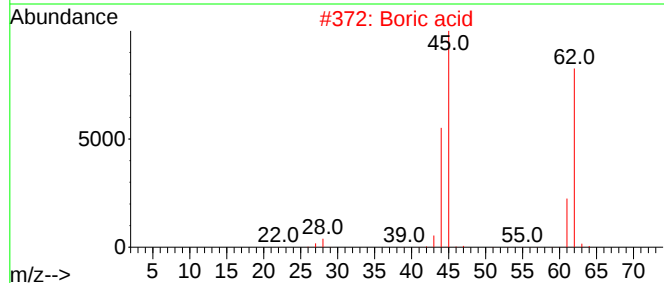
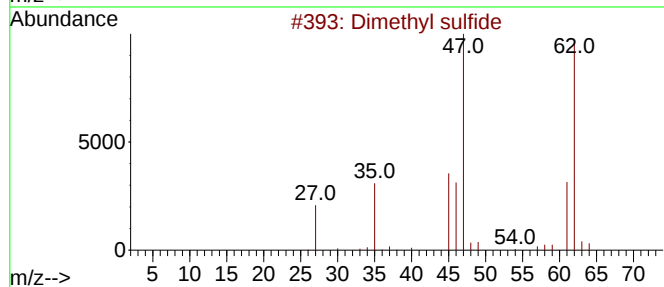
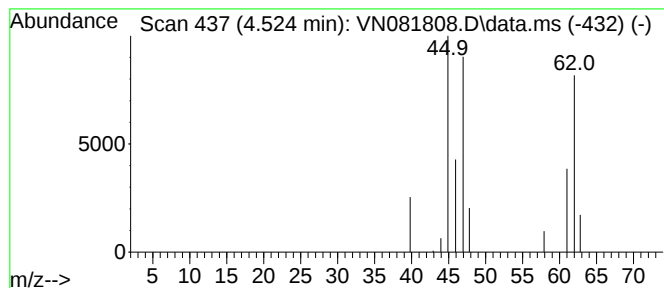
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 4 Dimethyl sulfide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.524	5.64 ug/l	19342	Bromochloromethane	7.818

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	50
2			Boric acid	62	BH3O3	010043-35-3	7
3			Dimethyl ether	46	C2H6O	000115-10-6	5
4			Dimethyl ether	46	C2H6O	000115-10-6	5
5			Dimethyl ether	46	C2H6O	000115-10-6	5



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
240417090-02

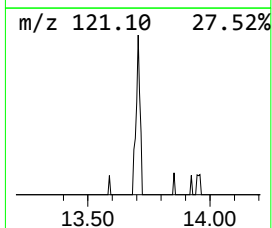
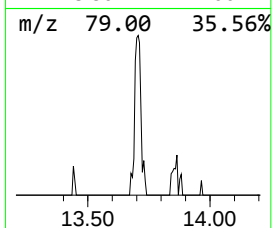
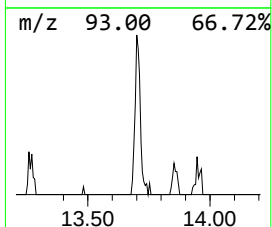
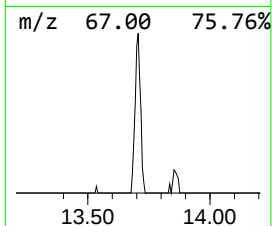
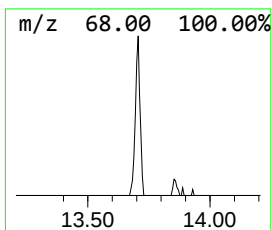
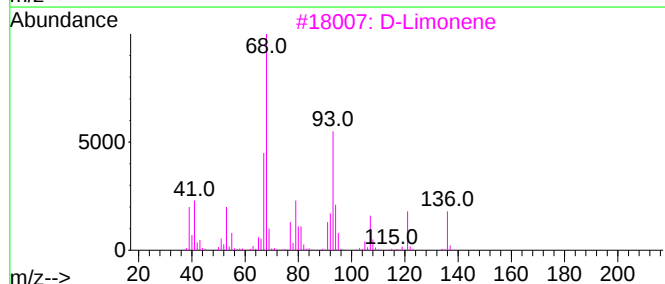
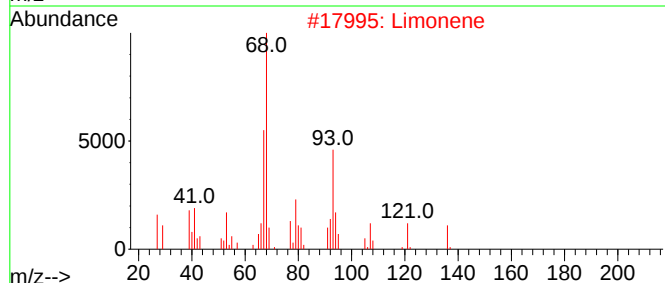
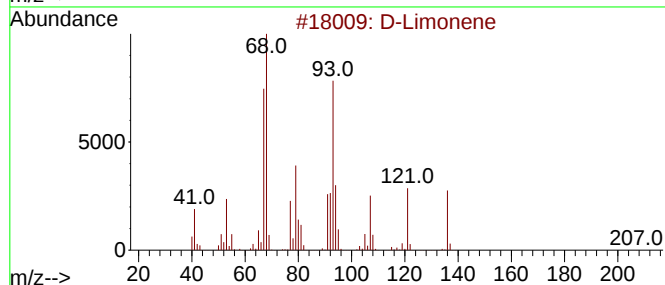
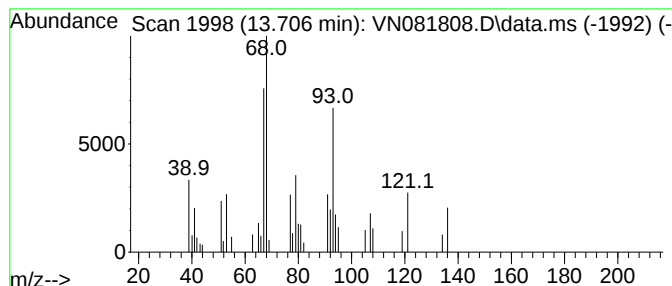
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 6 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.706	6.01 ug/l	66138	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	95
2			Limonene	136	C10H16	000138-86-3	93
3			D-Limonene	136	C10H16	005989-27-5	90
4			Limonene	136	C10H16	000138-86-3	81
5			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	81



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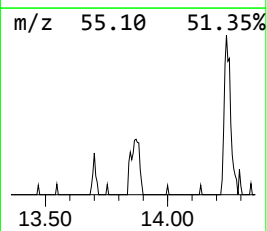
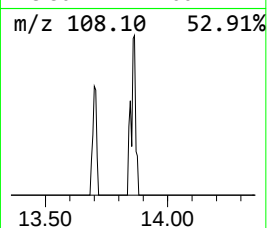
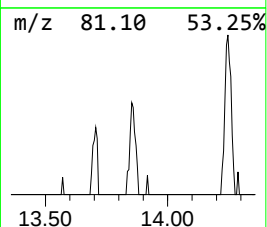
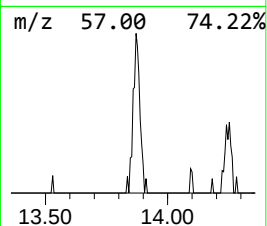
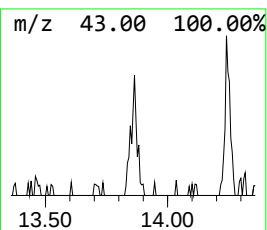
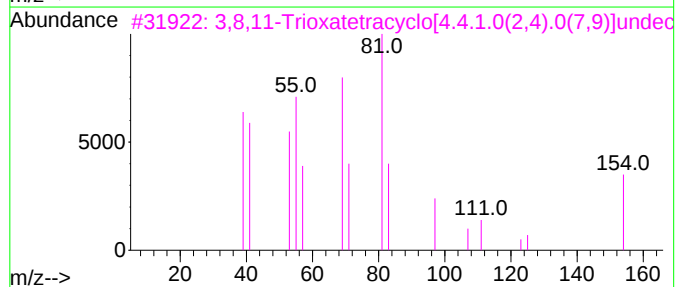
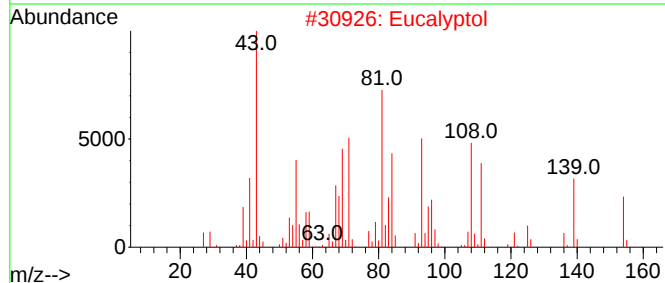
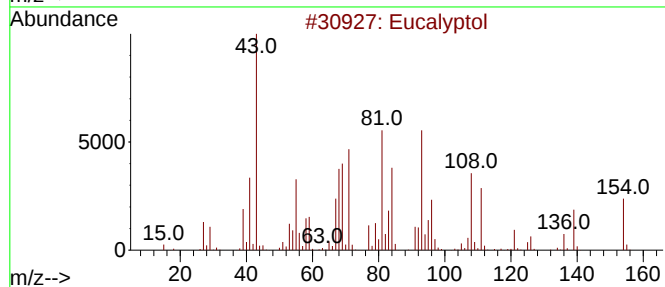
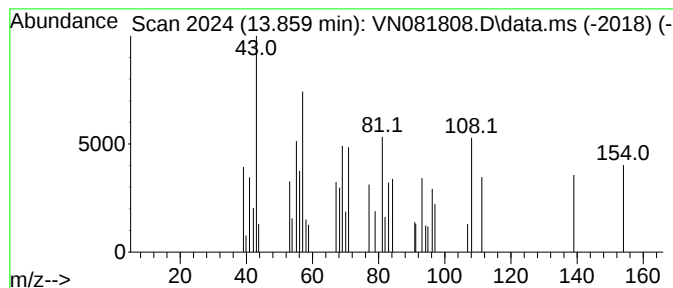
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Eucalyptol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.859	3.14 ug/l	34545	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eucalyptol	154	C10H18O	000470-82-6	90
2			Eucalyptol	154	C10H18O	000470-82-6	64
3			3,8,11-Trioxatetracyclo[4.4.1.0(...	154	C8H10O3	050267-13-5	38
4			Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	007299-41-4	38
5			2-Oxabicyclo[2.2.1]heptane, 1,3,...	154	C10H18O	015404-56-5	35



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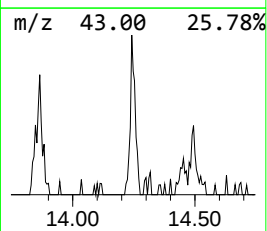
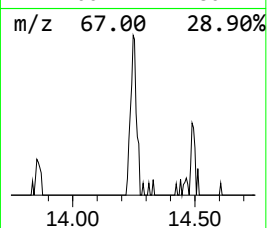
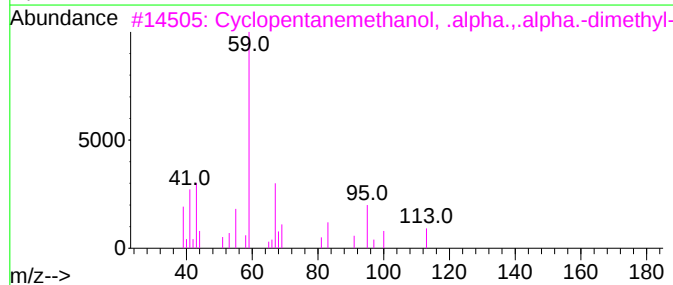
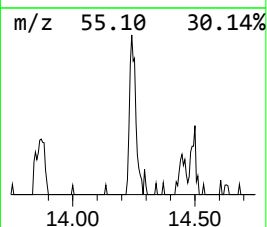
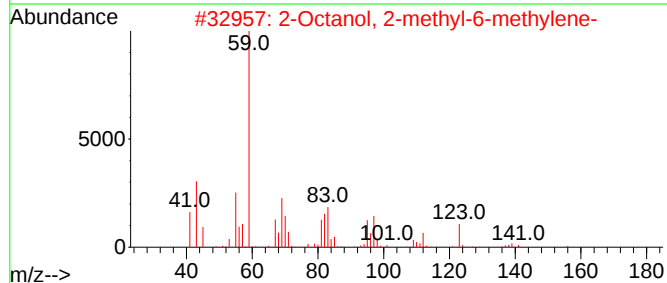
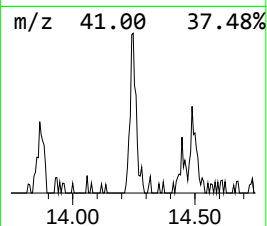
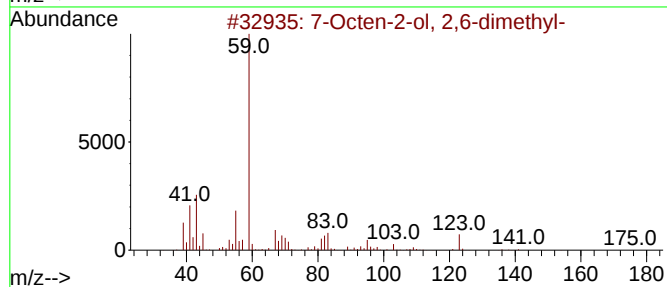
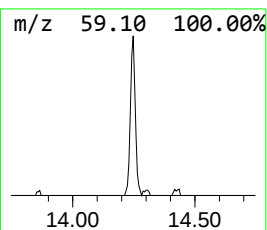
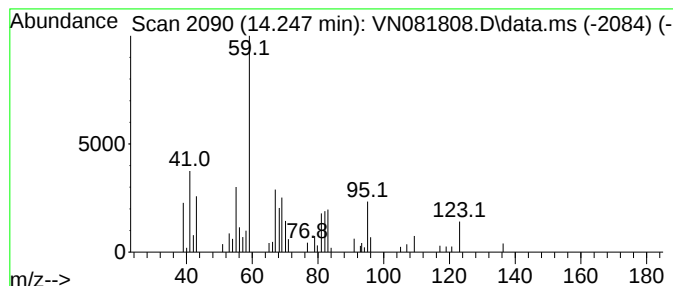
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 8 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.247	6.48 ug/l	71321	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	53
2			2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	42
3			Cyclopentanemethanol, .alpha.,.a...	128	C8H16O	001462-06-2	42
4			7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	42
5			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol	3.789	30.7	ug/l	105346	1	7.818	102802	30.0
Dimethyl sulfide	4.524	5.6	ug/l	19342	1	7.818	102802	30.0
D-Limonene	13.706	6.0	ug/l	66138	3	11.865	330119	30.0
Eucalyptol	13.859	3.1	ug/l	34545	3	11.865	330119	30.0
7-Octen-2-ol, 2...	14.247	6.5	ug/l	71321	3	11.865	330119	30.0