

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
 Data File : VX041630.D
 Acq On : 23 May 2024 15:45
 Operator : JC/MD
 Sample : P2567-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240520080-11

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\624X051524W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX041630.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.538	70	74	76	rBV2	7622	9766	2.35%	0.336%
2	2.111	162	168	177	rBV	23237	38574	9.28%	1.329%
3	2.410	208	217	236	rBV2	90839	253160	60.91%	8.722%
4	2.587	239	246	254	rVB	19487	40696	9.79%	1.402%
5	2.709	262	266	274	rVB4	2552	4907	1.18%	0.169%
6	2.947	298	305	311	rBV	2280	5325	1.28%	0.183%
7	3.910	456	463	476	rBV7	3005	10129	2.44%	0.349%
8	4.587	565	574	593	rBV2	6282	22144	5.33%	0.763%
9	4.898	613	625	641	rBV2	49648	162835	39.18%	5.610%
10	5.044	642	649	651	rVV5	3496	9756	2.35%	0.336%
11	5.093	652	657	668	rVB4	4677	13885	3.34%	0.478%
12	5.958	788	799	814	rBV	57883	159137	38.29%	5.483%
13	6.763	922	931	943	rBV	127908	313689	75.47%	10.808%
14	8.647	1234	1240	1247	rVV	264230	415648	100.00%	14.321%
15	8.720	1247	1252	1266	rVB	38099	64388	15.49%	2.218%
16	9.531	1381	1385	1396	rBV2	5707	10852	2.61%	0.374%
17	10.055	1464	1471	1481	rBV	264129	366432	88.16%	12.625%
18	10.512	1537	1546	1555	rBV	6917	11320	2.72%	0.390%
19	10.835	1595	1599	1608	rVB6	4463	7848	1.89%	0.270%
20	10.976	1619	1622	1628	rBV4	3793	5447	1.31%	0.188%
21	11.079	1634	1639	1652	rBV	222291	294623	70.88%	10.151%
22	11.969	1782	1785	1790	rVB	7792	9406	2.26%	0.324%
23	12.104	1801	1807	1814	rBV	37860	52699	12.68%	1.816%
24	12.219	1821	1826	1833	rBV	20247	31336	7.54%	1.080%
25	12.579	1880	1885	1900	rBV	121198	160720	38.67%	5.537%
26	12.768	1911	1916	1920	rBV3	27759	37692	9.07%	1.299%
27	12.817	1920	1924	1928	rVV	56436	70161	16.88%	2.417%
28	12.853	1928	1930	1936	rVB5	4487	6293	1.51%	0.217%
29	13.140	1973	1977	1980	rBV2	12710	17043	4.10%	0.587%
30	13.481	2028	2033	2035	rBV	10627	14711	3.54%	0.507%
31	13.506	2035	2037	2043	rVB4	9943	13325	3.21%	0.459%
32	13.591	2043	2051	2061	rBV	117651	180243	43.36%	6.210%
33	13.731	2070	2074	2078	rBV4	7019	10615	2.55%	0.366%
34	13.774	2078	2081	2088	rVB	12802	19212	4.62%	0.662%
35	13.981	2108	2115	2119	rVB7	2780	5583	1.34%	0.192%
36	14.451	2187	2192	2197	rVB3	15157	19606	4.72%	0.675%

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ClientSampleId :
240520080-11

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\624X051524W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

37	14.597	2207	2216	2217	rBV7	2388	4659	1.12%	0.161%
38	14.640	2220	2223	2229	rVB4	5351	9447	2.27%	0.325%
39	14.756	2233	2242	2244	rBV	8646	11888	2.86%	0.410%
40	14.786	2244	2247	2251	rVB3	5165	7264	1.75%	0.250%

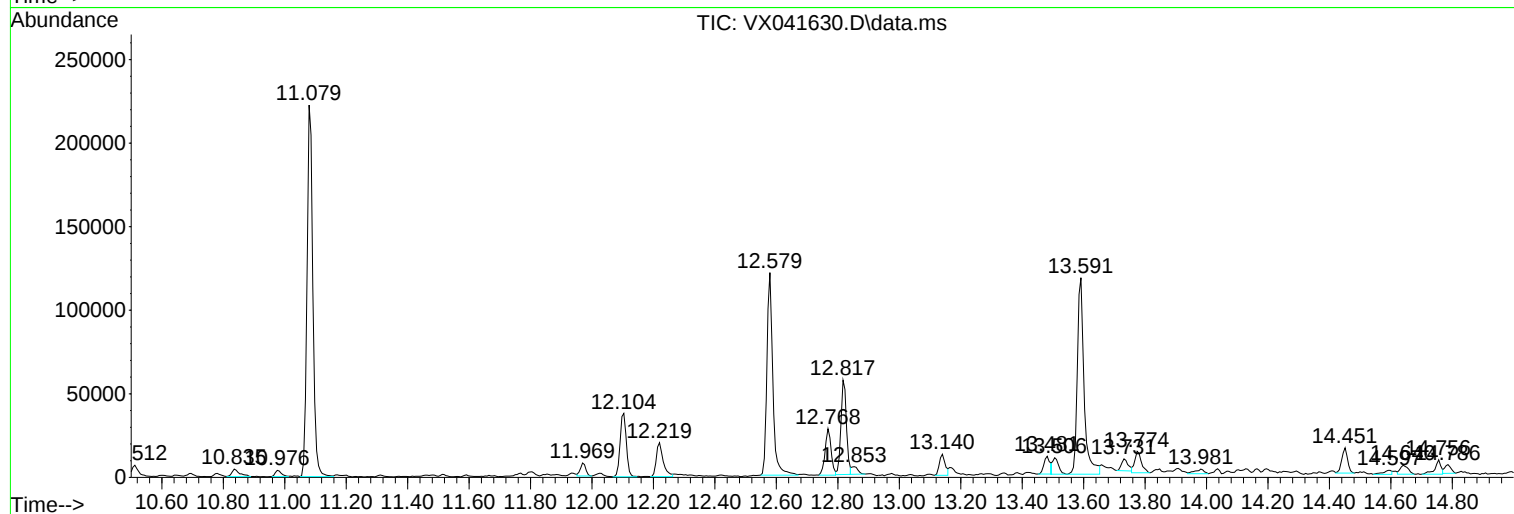
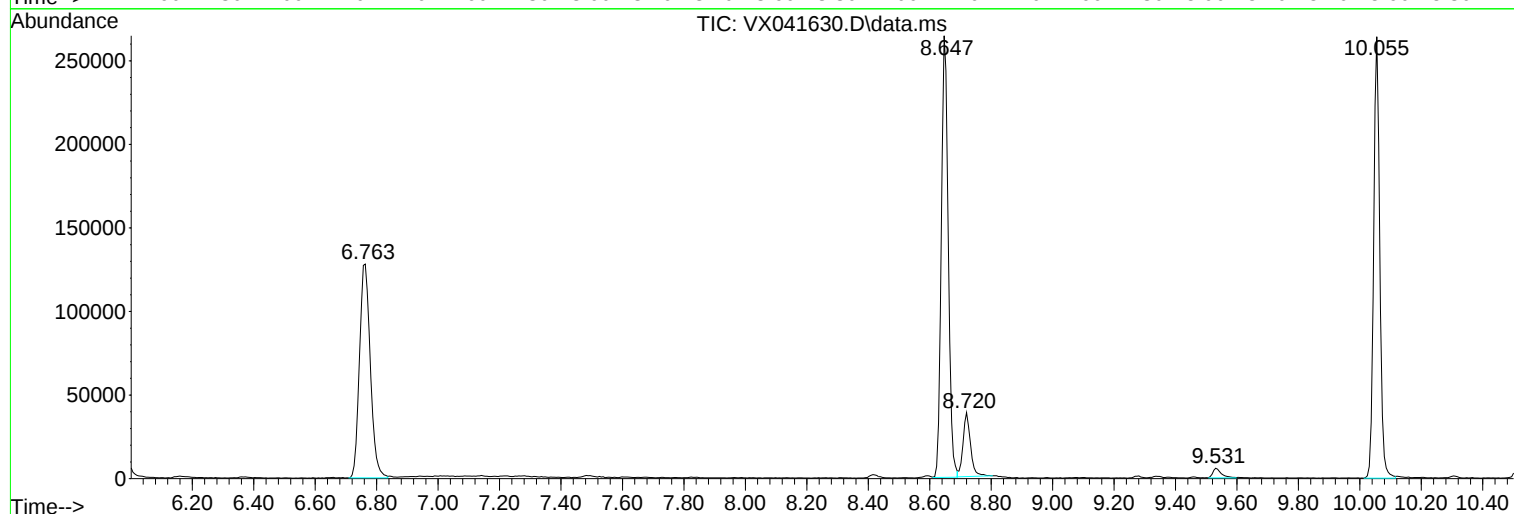
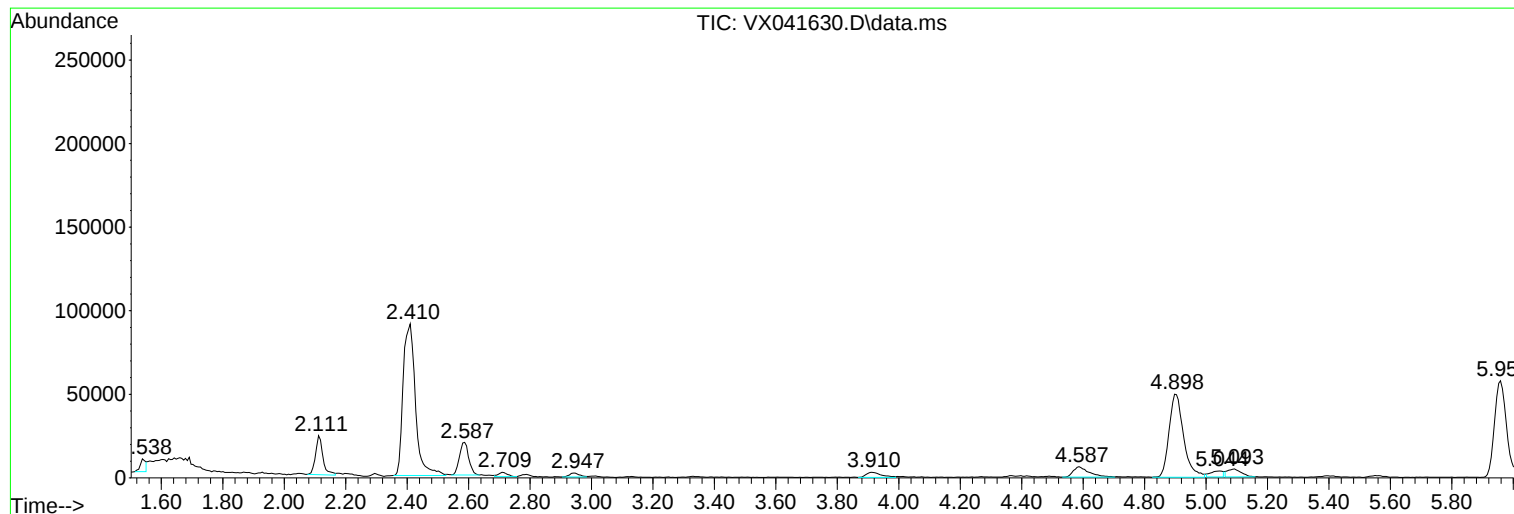
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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Instrument :
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ClientSampleId :
240520080-11

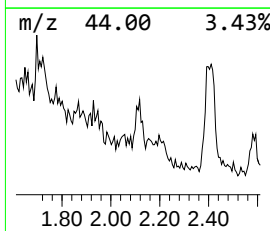
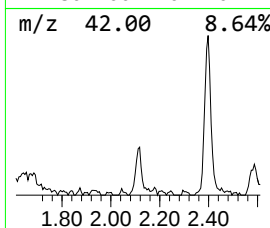
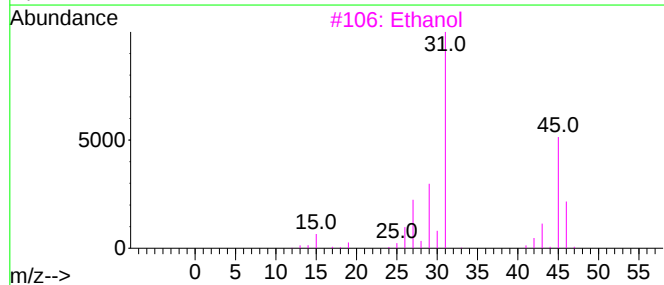
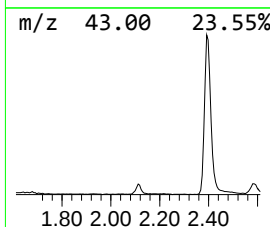
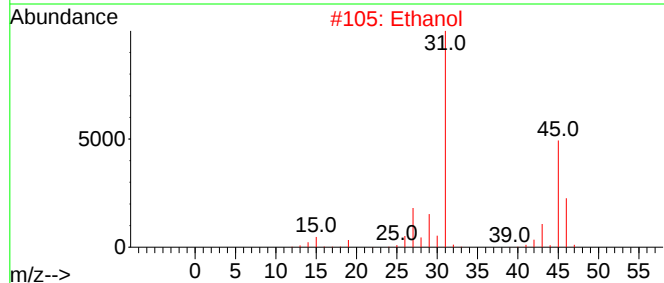
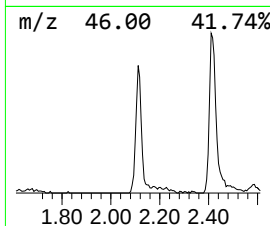
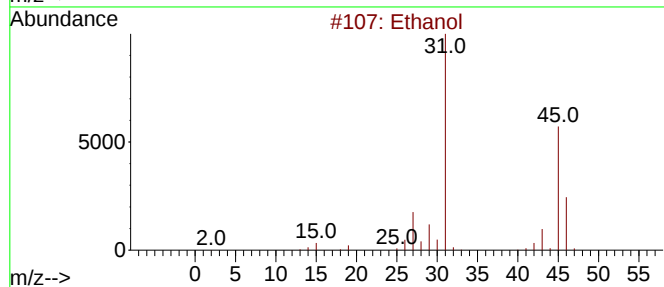
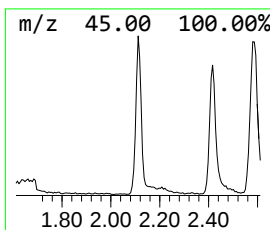
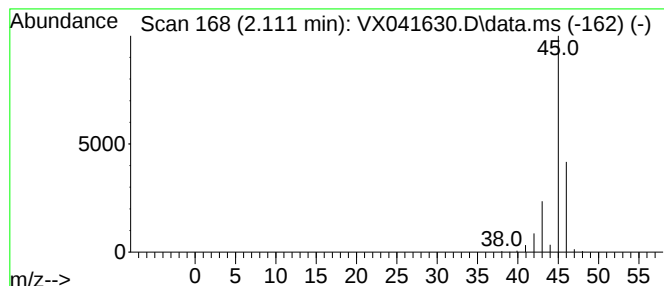
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Ethanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.111	7.11 ug/l	38574	Bromochloromethane	4.898

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	Ethanol			46	C2H6O	000064-17-5	64
4	Dimethyl ether			46	C2H6O	000115-10-6	9
5	Dimethyl ether			46	C2H6O	000115-10-6	9



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240520080-11

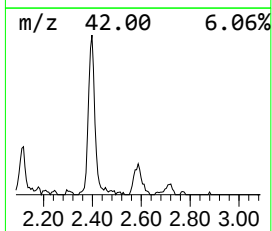
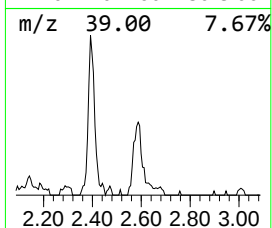
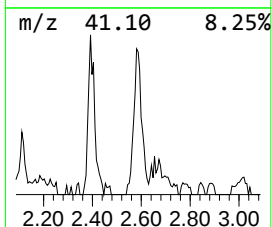
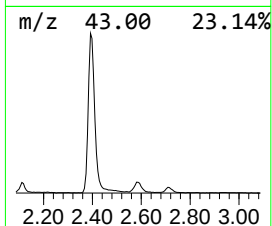
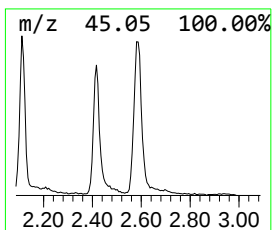
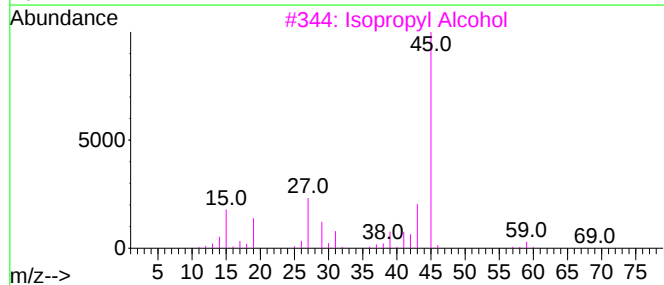
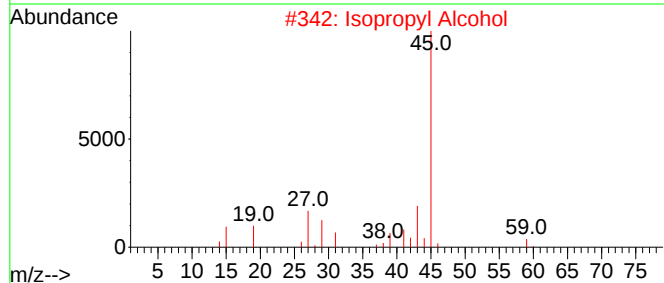
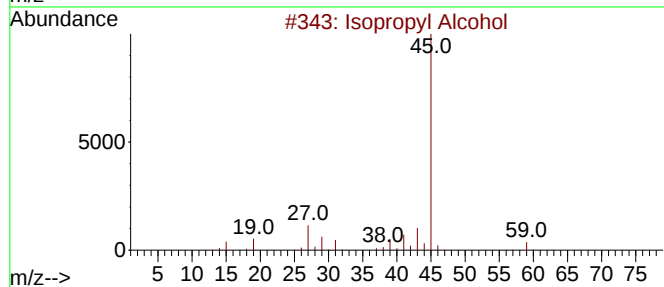
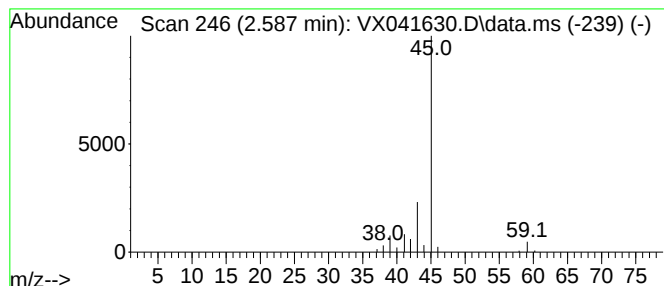
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.587	7.50 ug/l	40696	Bromochloromethane	4.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	83
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	83
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	83
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	74
5			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240520080-11

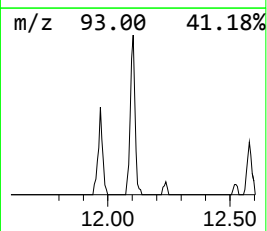
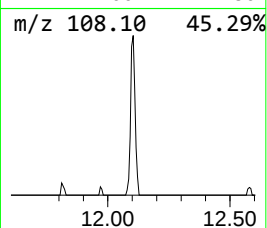
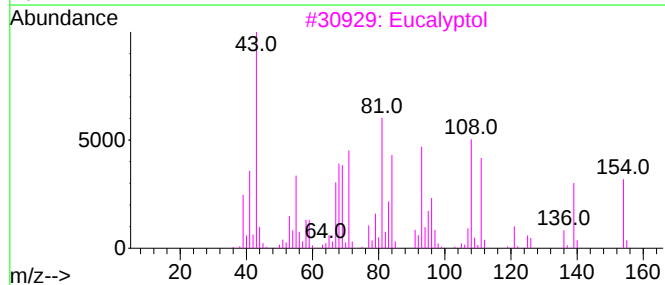
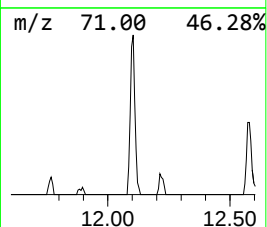
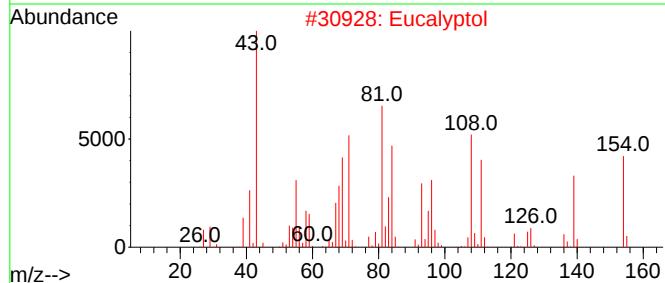
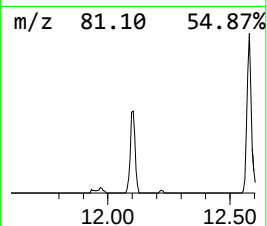
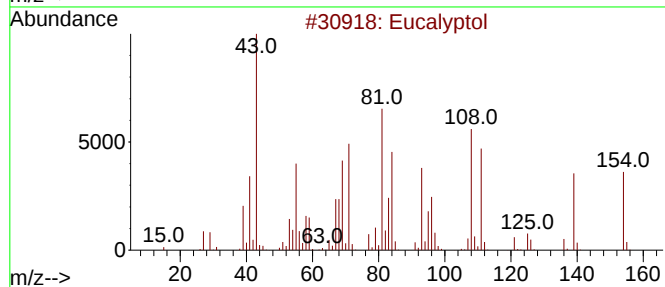
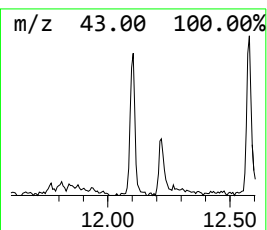
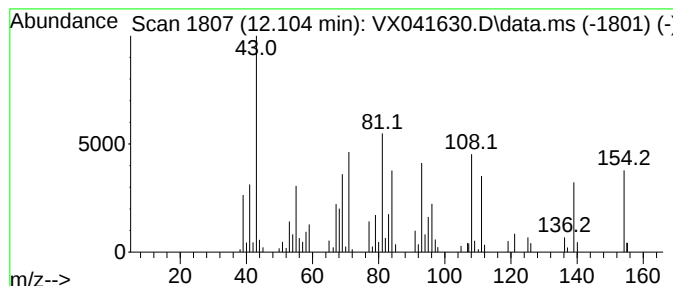
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 3 Eucalyptol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	4.31 ug/l	52699	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol			154	C10H18O	000470-82-6	98
2	Eucalyptol			154	C10H18O	000470-82-6	97
3	Eucalyptol			154	C10H18O	000470-82-6	94
4	Eucalyptol			154	C10H18O	000470-82-6	94
5	Trifluoroacetyl-.alpha.-terpineol			250	C12H17F3O2	1000058-17-6	74



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ALS Vial : 18 Sample Multiplier: 1

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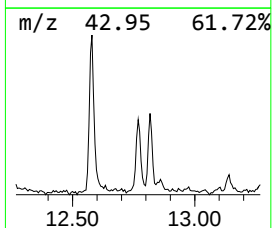
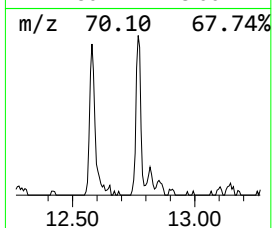
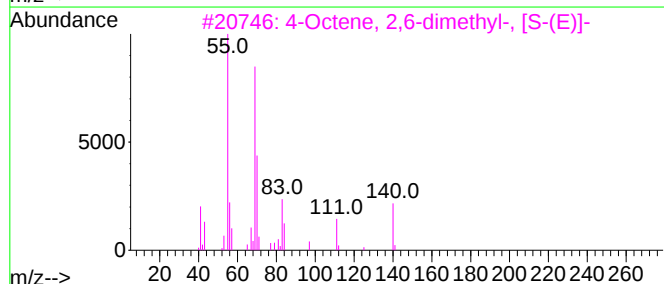
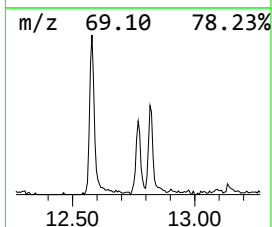
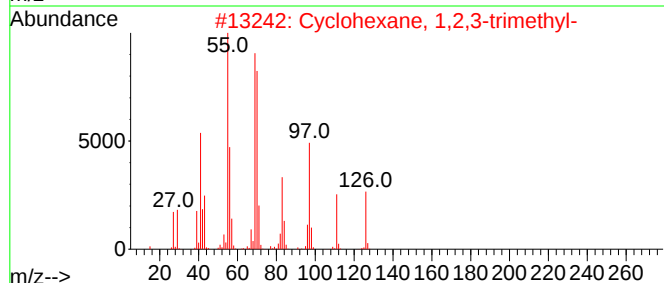
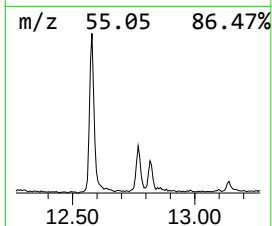
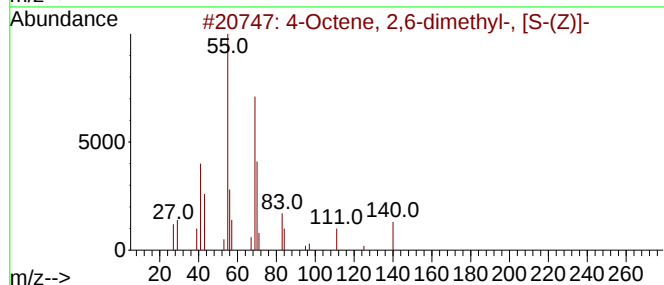
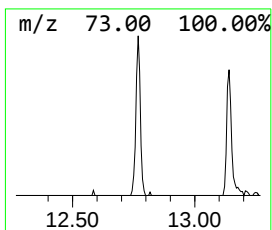
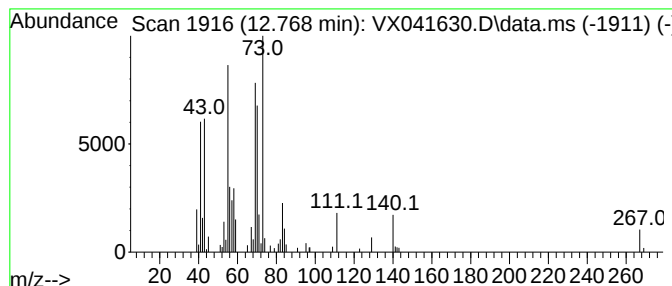
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.768	3.09 ug/l	37692	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	58
2			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	58
3			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	58
4			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001839-88-9	58
5			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	58



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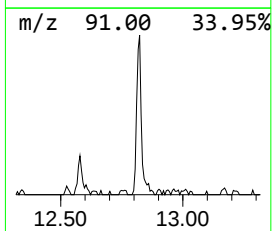
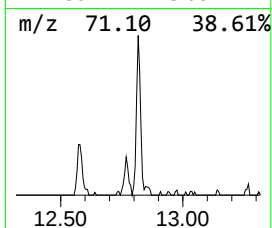
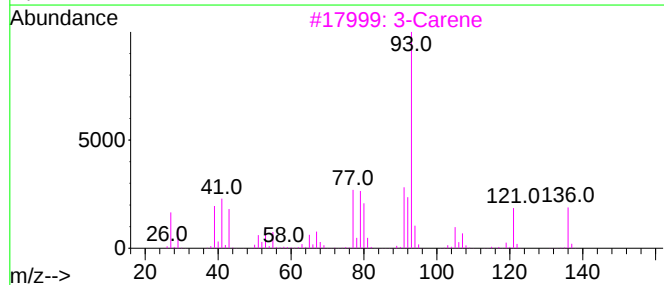
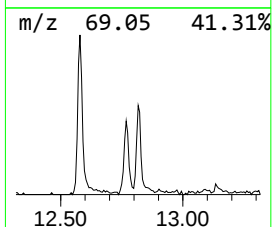
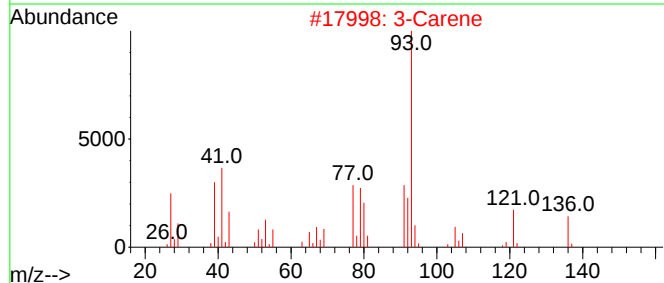
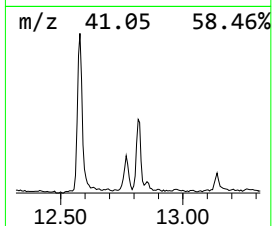
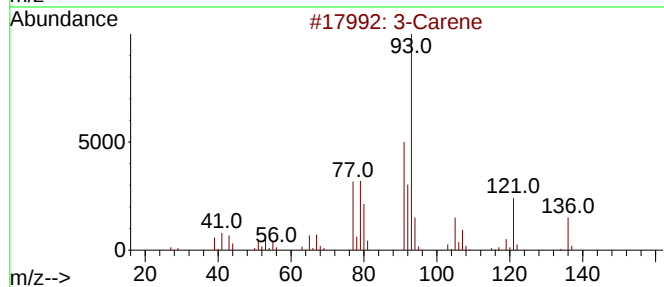
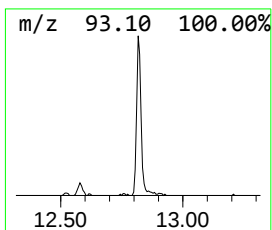
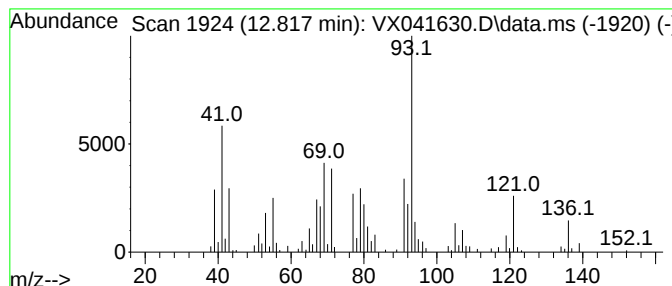
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 6 3-Carene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.817	5.74 ug/l	70161	Chlorobenzene-d5	10.055

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene		136	C10H16	013466-78-9	93
2	3-Carene		136	C10H16	013466-78-9	93
3	3-Carene		136	C10H16	013466-78-9	93
4	.beta.-Ocimene		136	C10H16	013877-91-3	89
5	3-Carene		136	C10H16	013466-78-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
Data File : VX041630.D
Acq On : 23 May 2024 15:45
Operator : JC/MD
Sample : P2567-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240520080-11

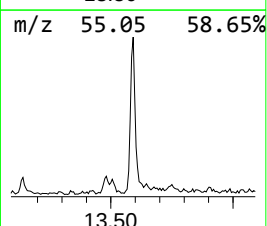
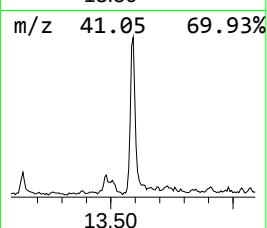
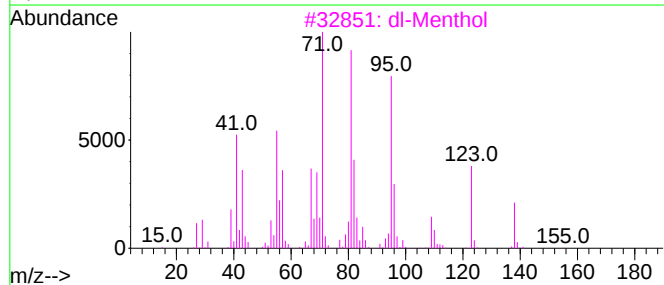
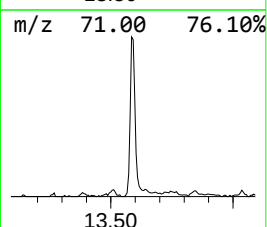
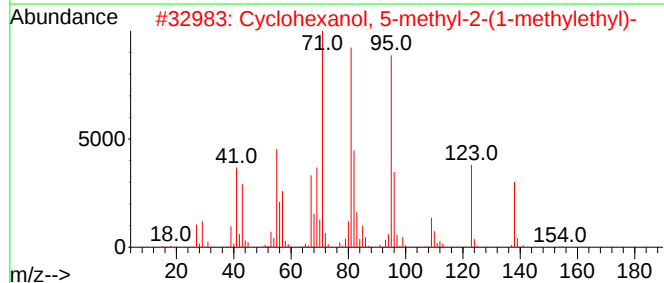
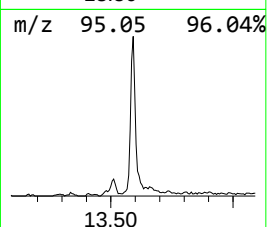
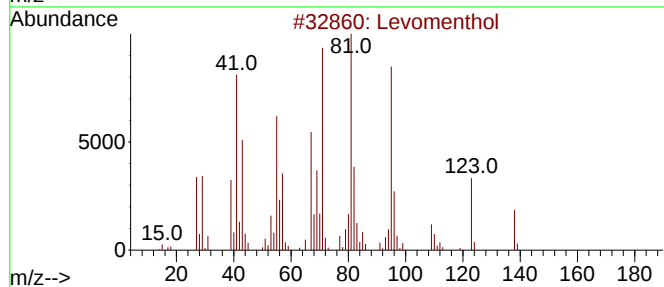
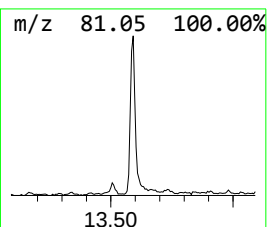
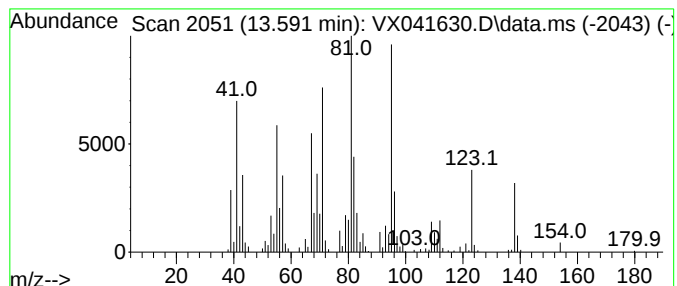
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 7 Levomenthol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.591	14.76 ug/l	180243	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Levomenthol	156	C10H20O	002216-51-5	87
2			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	87
3			dl-Menthol	156	C10H20O	000089-78-1	72
4			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	70
5			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
Data File : VX041630.D
Acq On : 23 May 2024 15:45
Operator : JC/MD
Sample : P2567-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240520080-11

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.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
Ethanol	2.111	7.1	ug/l	38574	1	4.898	162835	30.0
Isopropyl Alcohol	2.587	7.5	ug/l	40696	1	4.898	162835	30.0
Eucalyptol	12.104	4.3	ug/l	52699	3	10.055	366432	30.0
unknown12.579	12.579	13.2	ug/l	160720	3	10.055	366432	30.0
4-Octene, 2,6-d...	12.768	3.1	ug/l	37692	3	10.055	366432	30.0
3-Carene	12.817	5.7	ug/l	70161	3	10.055	366432	30.0
Levomenthol	13.591	14.8	ug/l	180243	3	10.055	366432	30.0