

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
 Data File : VX041635.D
 Acq On : 23 May 2024 17:42
 Operator : JC/MD
 Sample : P2600-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240522051-01

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\624X051524W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX041635.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.551	70	76	78	rBV3	5361	11036	2.69%	0.375%
2	2.117	163	169	184	rVB	33405	63807	15.52%	2.166%
3	2.398	208	215	229	rBV	36674	71255	17.34%	2.419%
4	2.593	238	247	255	rBV2	6395	17576	4.28%	0.597%
5	4.904	614	626	649	rBV2	49597	161785	39.36%	5.492%
6	5.093	649	657	658	rBV	7663	13705	3.33%	0.465%
7	5.958	790	799	815	rBV	57807	156670	38.12%	5.318%
8	6.763	922	931	952	rBV	126619	309390	75.27%	10.503%
9	7.830	1100	1106	1112	rBV3	2553	4875	1.19%	0.165%
10	8.647	1234	1240	1248	rBV	258427	411017	100.00%	13.953%
11	8.726	1248	1253	1267	rVB	7086	15621	3.80%	0.530%
12	9.537	1379	1386	1390	rBV3	2638	5111	1.24%	0.174%
13	10.055	1465	1471	1487	rBV	258764	360351	87.67%	12.233%
14	10.512	1541	1546	1556	rBV	4503	7421	1.81%	0.252%
15	10.683	1569	1574	1587	rBV	197373	250885	61.04%	8.517%
16	10.835	1595	1599	1607	rVB2	5841	9334	2.27%	0.317%
17	10.976	1617	1622	1628	rBV2	4240	5937	1.44%	0.202%
18	11.079	1634	1639	1650	rBV	222374	291793	70.99%	9.905%
19	11.171	1650	1654	1660	rVB3	3436	4909	1.19%	0.167%
20	11.969	1781	1785	1790	rVV	27291	33234	8.09%	1.128%
21	12.103	1801	1807	1812	rBV	49077	67357	16.39%	2.287%
22	12.219	1822	1826	1832	rBV	10427	16456	4.00%	0.559%
23	12.579	1880	1885	1902	rBV	142189	198171	48.21%	6.727%
24	12.768	1907	1916	1920	rBV2	6559	10616	2.58%	0.360%
25	12.817	1920	1924	1929	rBV	80694	100071	24.35%	3.397%
26	12.969	1945	1949	1959	rVB2	3816	5693	1.39%	0.193%
27	13.067	1962	1965	1968	rBV4	3489	5144	1.25%	0.175%
28	13.097	1968	1970	1974	rVV3	5846	7918	1.93%	0.269%
29	13.140	1974	1977	1985	rVB2	6871	10007	2.43%	0.340%
30	13.268	1993	1998	2004	rVB	17912	20713	5.04%	0.703%
31	13.420	2019	2023	2028	rBV2	10462	15604	3.80%	0.530%
32	13.506	2034	2037	2042	rVB3	4126	6261	1.52%	0.213%
33	13.591	2043	2051	2060	rBV	32670	53807	13.09%	1.827%
34	13.689	2064	2067	2070	rVV3	3444	4418	1.07%	0.150%
35	13.731	2070	2074	2080	rVV2	24160	40487	9.85%	1.374%
36	13.780	2080	2082	2088	rVB	4707	5697	1.39%	0.193%

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Instrument :
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ClientSampleId :
240522051-01

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

37	13.859	2088	2095	2097	rBV4	5982	10054	2.45%	0.341%
38	13.890	2097	2100	2110	rVV7	8141	20538	5.00%	0.697%
39	13.981	2111	2115	2119	rVV2	5818	9081	2.21%	0.308%
40	14.195	2145	2150	2158	rBV	28133	41145	10.01%	1.397%
41	14.451	2187	2192	2196	rBV3	27885	39262	9.55%	1.333%
42	14.627	2218	2221	2227	rVB7	3457	6808	1.66%	0.231%
43	14.731	2234	2238	2239	rBV3	5327	6572	1.60%	0.223%
44	14.755	2239	2242	2245	rVV	20815	23939	5.82%	0.813%
45	14.786	2245	2247	2255	rVB5	7498	9845	2.40%	0.334%
46	14.914	2264	2268	2276	rVB6	2595	4440	1.08%	0.151%

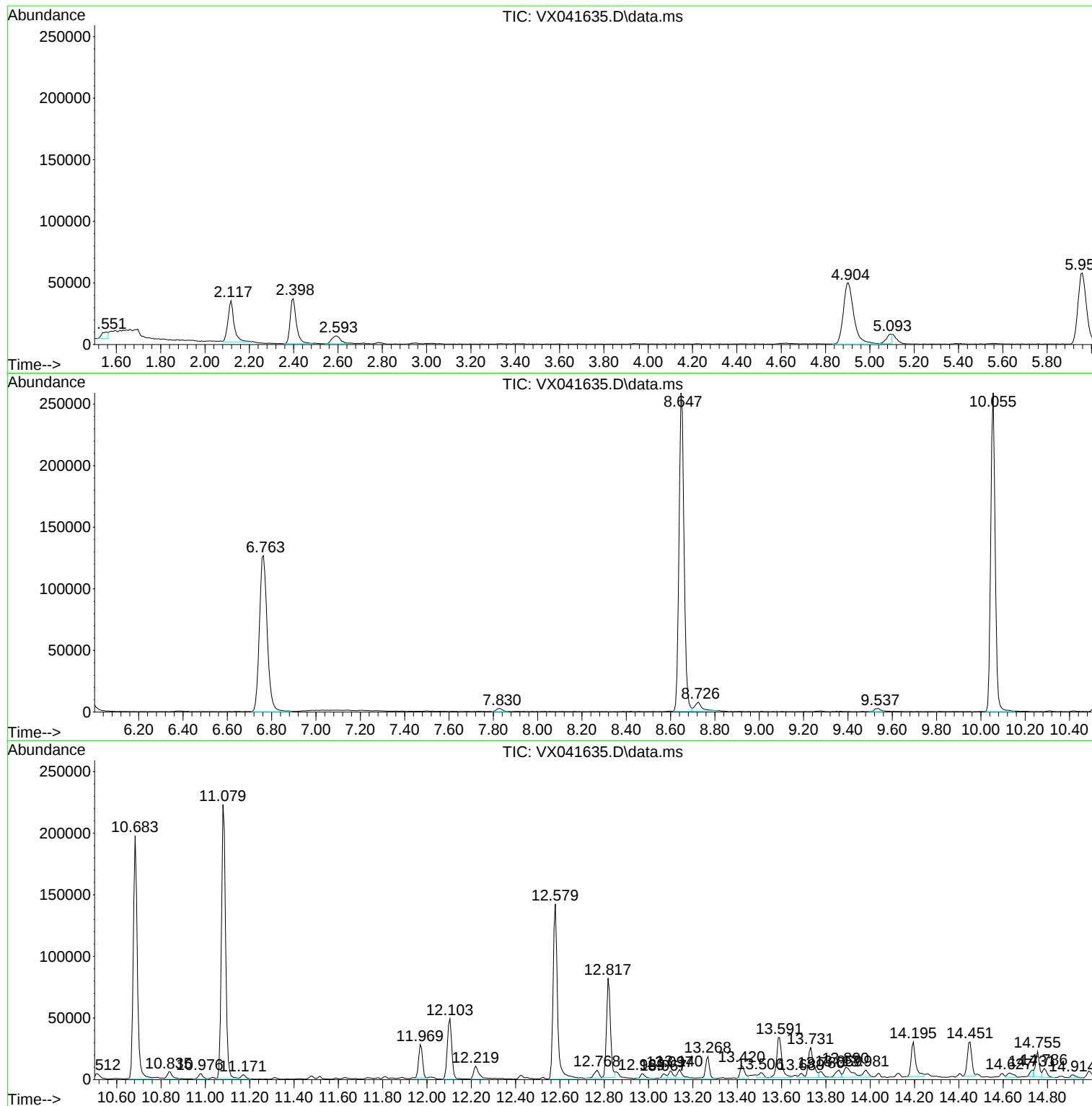
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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Instrument :
MSVOA_X
ClientSampleId :
240522051-01

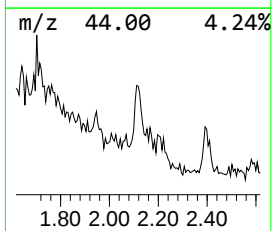
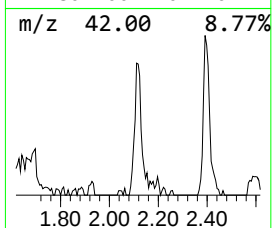
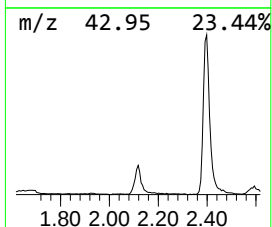
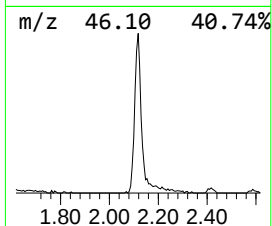
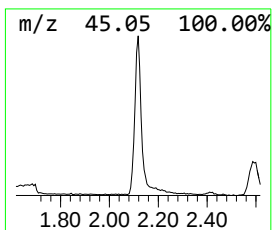
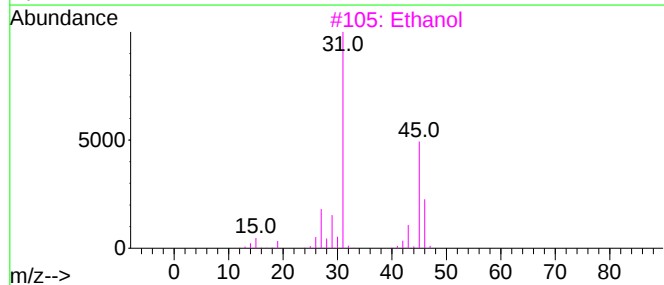
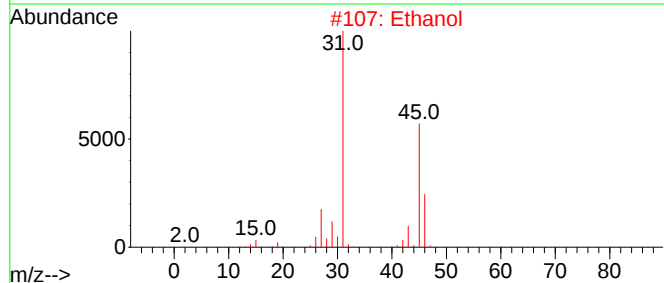
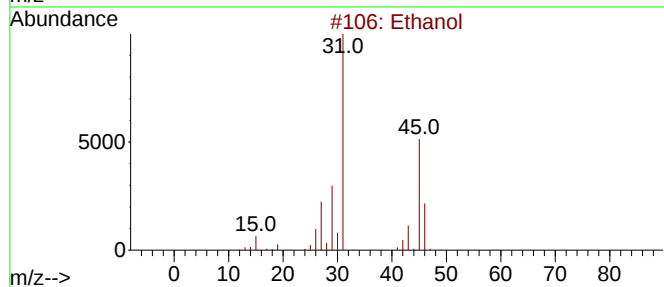
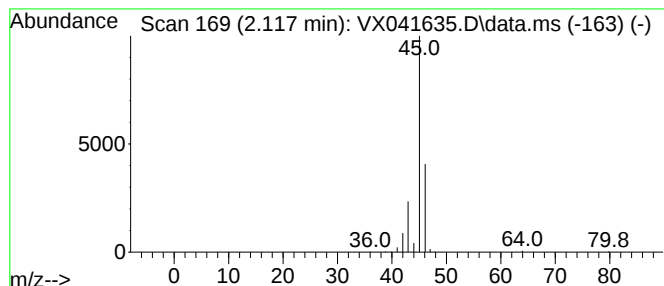
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Ethanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.117	11.83 ug/l	63807	Bromochloromethane	4.897

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol			46	C2H6O	000064-17-5	64
2	Ethanol			46	C2H6O	000064-17-5	64
3	Ethanol			46	C2H6O	000064-17-5	43
4	Dimethyl ether			46	C2H6O	000115-10-6	9
5	Ethanol			46	C2H6O	000064-17-5	9



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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240522051-01

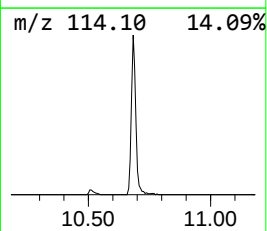
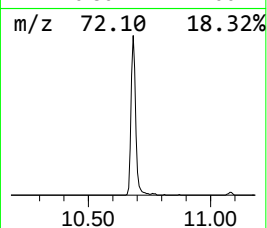
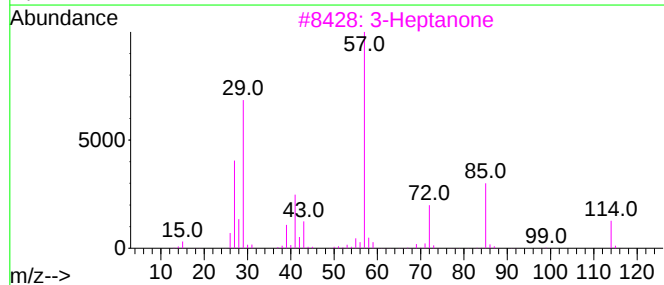
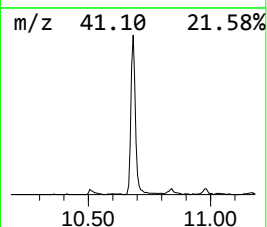
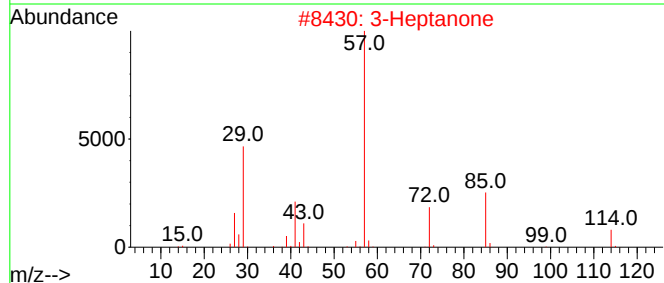
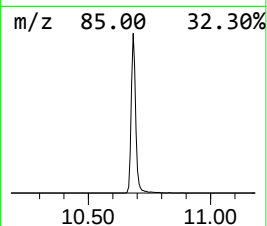
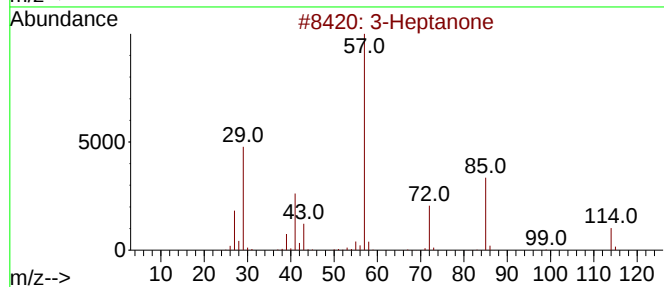
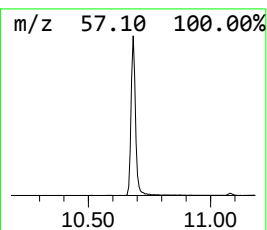
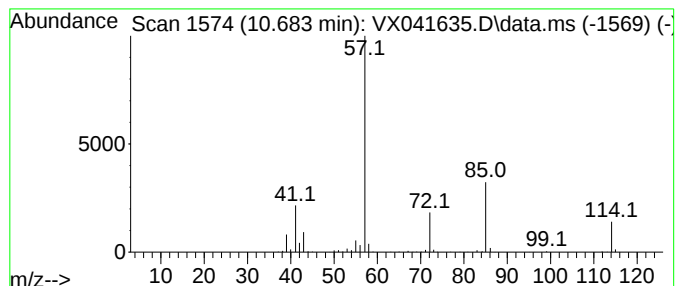
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 3 3-Heptanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.683	20.89 ug/l	250885	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Heptanone	114	C7H14O	000106-35-4	91
2			3-Heptanone	114	C7H14O	000106-35-4	91
3			3-Heptanone	114	C7H14O	000106-35-4	91
4			3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	86
5			3,5-Octanedione, 2,2,4,7-tetrame...	198	C12H22O2	1000161-72-3	83



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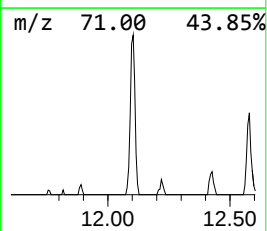
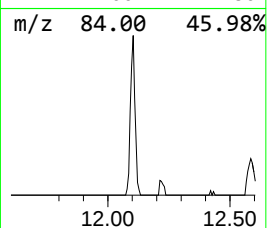
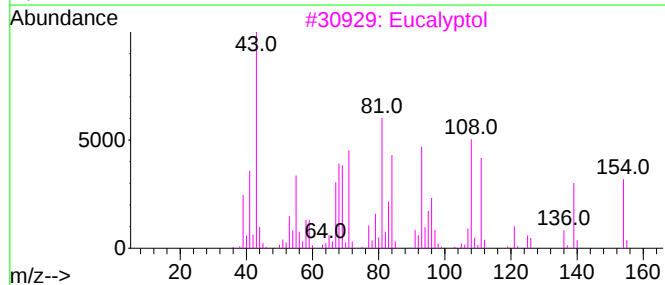
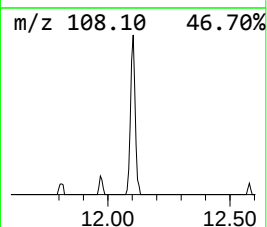
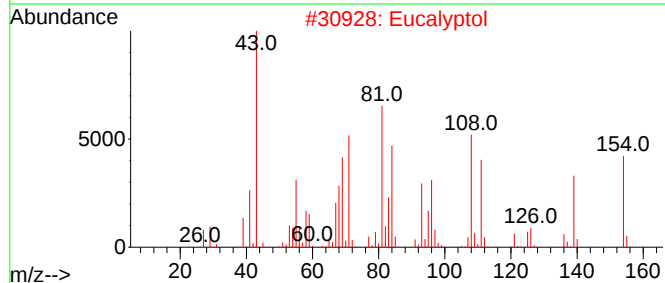
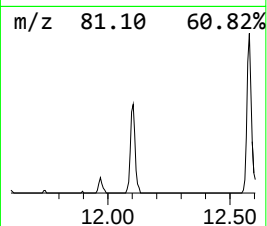
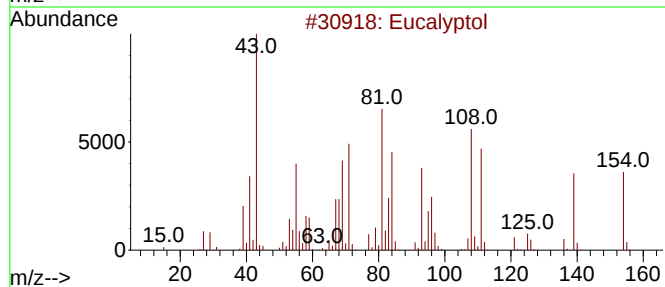
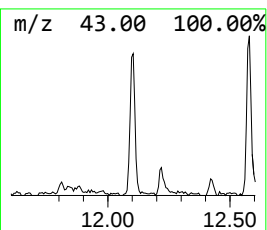
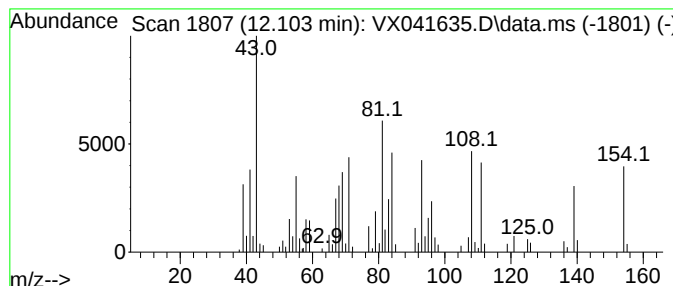
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 4 Eucalyptol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	5.61 ug/l	67357	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	96
3			Eucalyptol	154	C10H18O	000470-82-6	95
4			Eucalyptol	154	C10H18O	000470-82-6	93
5			Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	72



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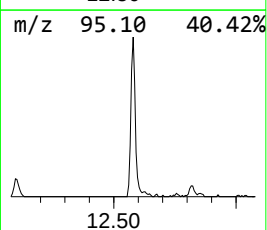
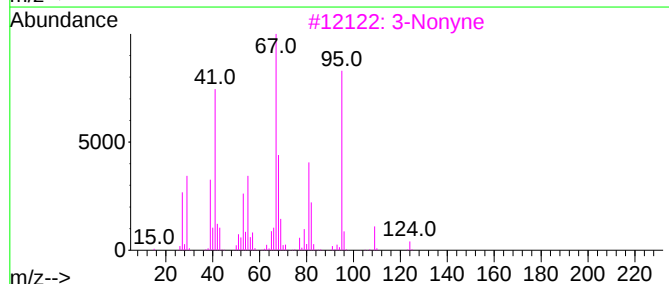
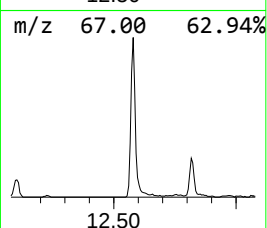
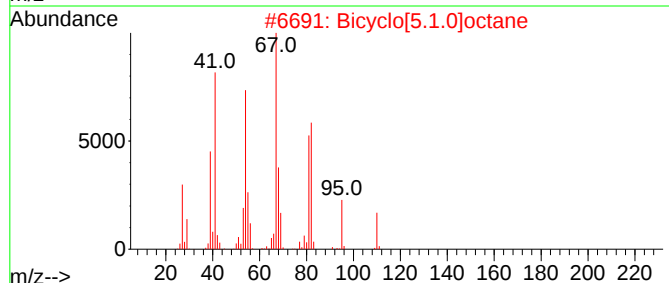
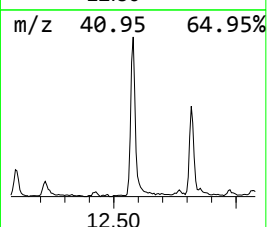
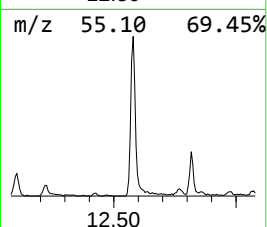
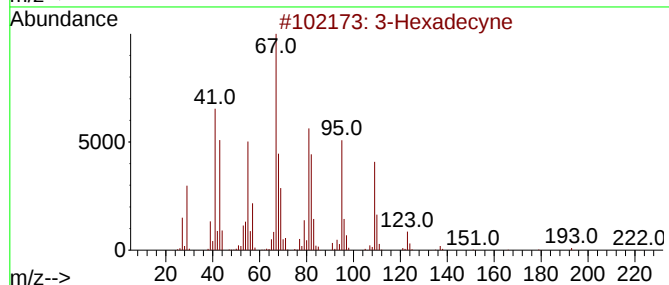
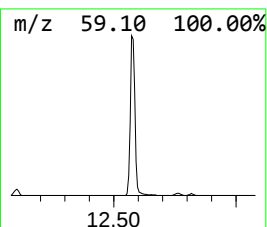
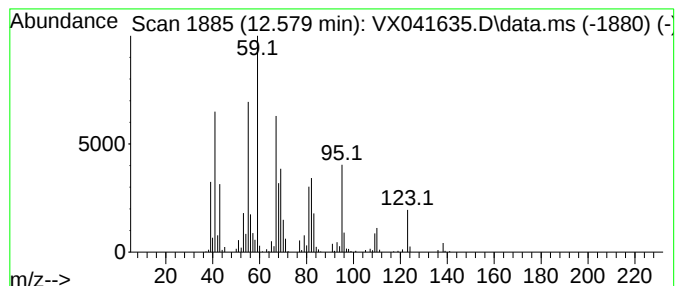
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 5 unknown12.579 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.579	16.50 ug/l	198171	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexadecyne	222	C16H30	061886-62-2	43
2			Bicyclo[5.1.0]octane	110	C8H14	000286-43-1	38
3			3-Nonyne	124	C9H16	020184-89-8	38
4			R(-)3,7-Dimethyl-1,6-octadiene	138	C10H18	010281-56-8	30
5			2,7-Octadiene, 4-methyl-	124	C9H16	1000061-78-0	30



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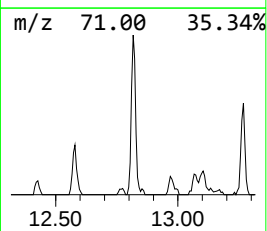
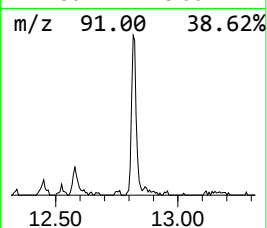
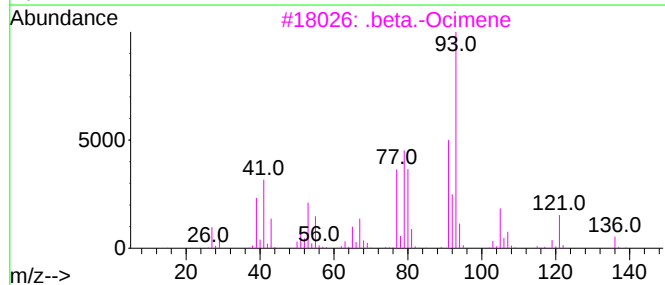
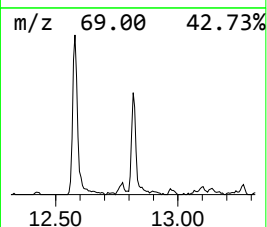
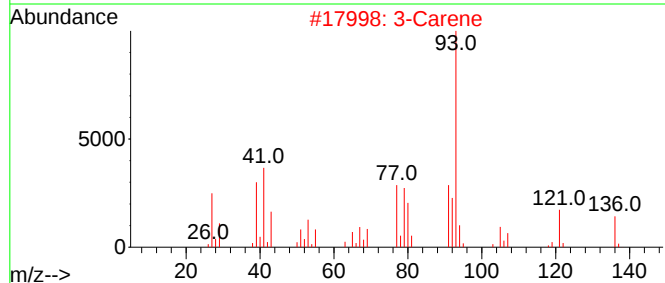
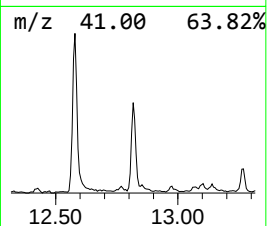
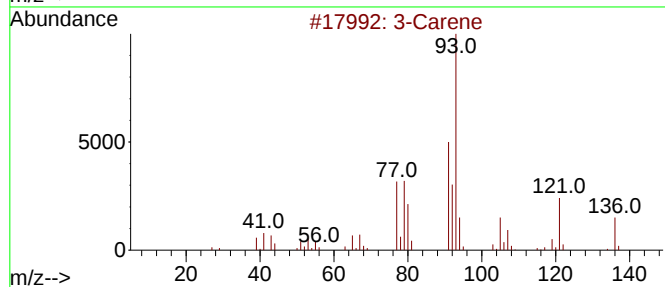
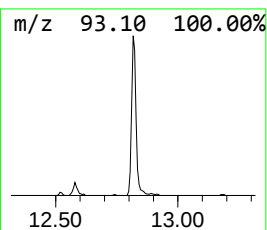
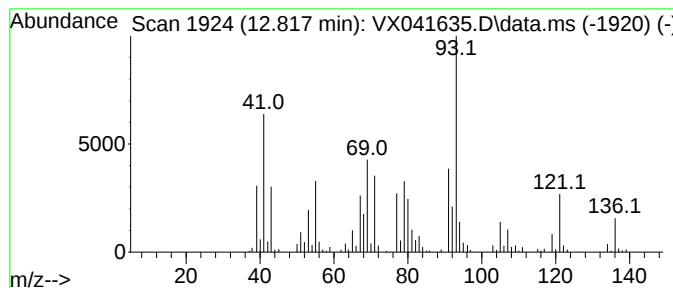
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 6 3-Carene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.817	8.33 ug/l	100071	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			.beta.-Ocimene	136	C10H16	013877-91-3	91
4			.gamma.-Terpinene	136	C10H16	000099-85-4	86
5			.beta.-Pinene	136	C10H16	000127-91-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
Data File : VX041635.D
Acq On : 23 May 2024 17:42
Operator : JC/MD
Sample : P2600-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240522051-01

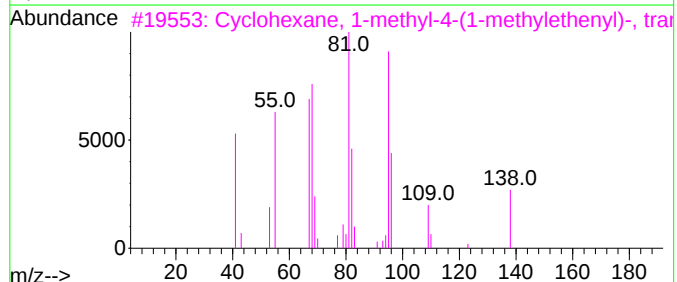
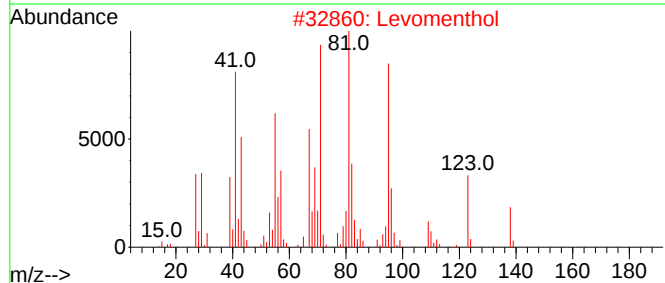
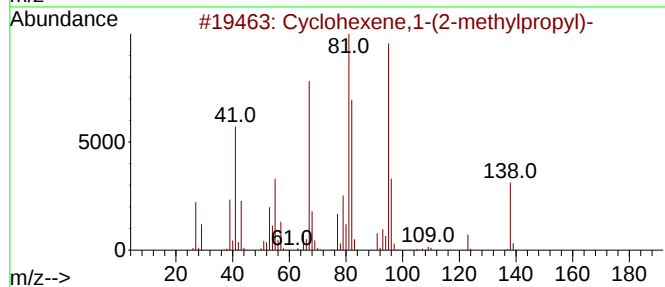
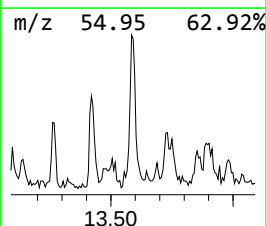
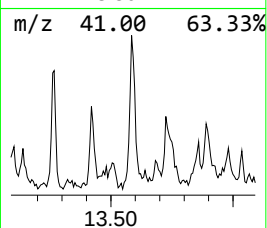
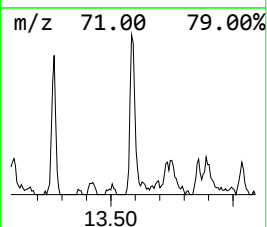
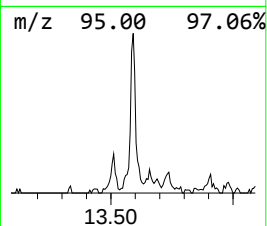
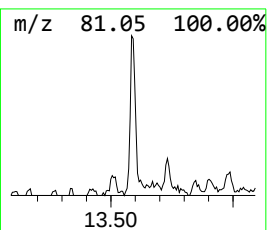
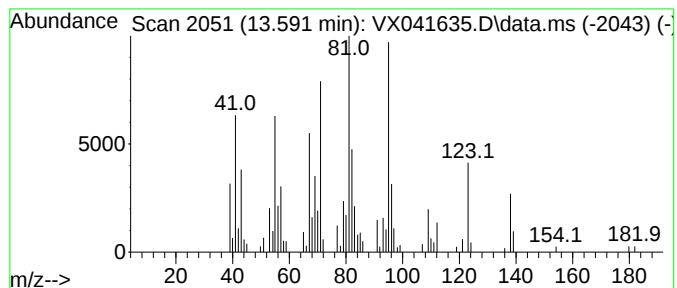
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 7 Cyclohexene,1-(2-methylprop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.591	4.48 ug/l	53807	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	92
2			Levomenthol	156	C10H20O	002216-51-5	87
3			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	86
4			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	86
5			L-Menthyl chloroformate	218	C11H19ClO2	014602-86-9	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
Data File : VX041635.D
Acq On : 23 May 2024 17:42
Operator : JC/MD
Sample : P2600-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240522051-01

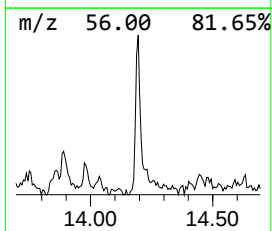
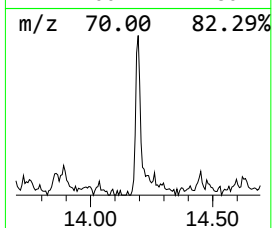
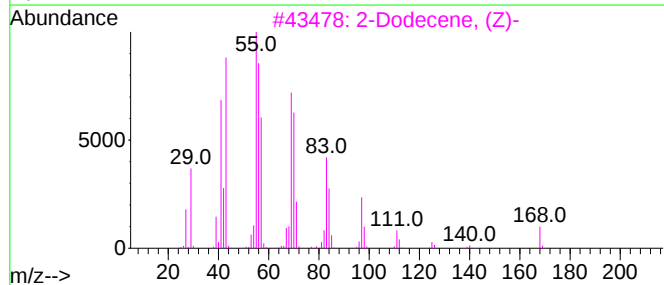
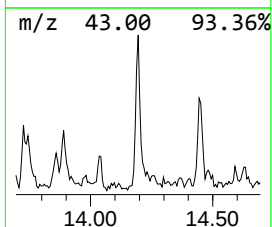
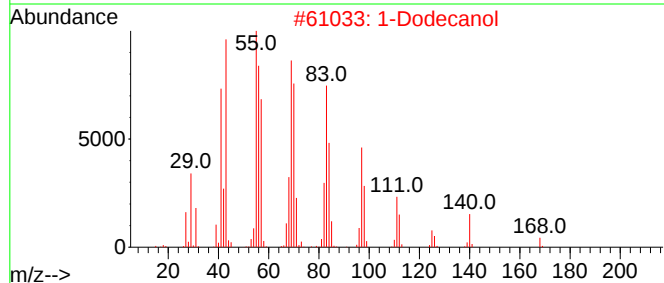
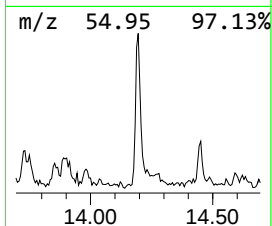
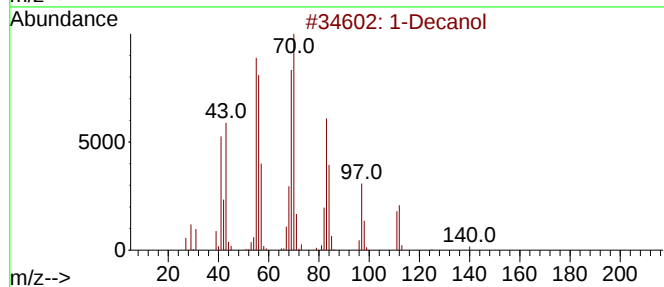
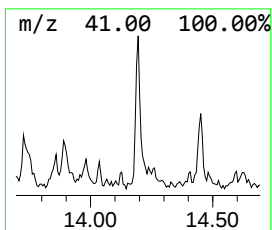
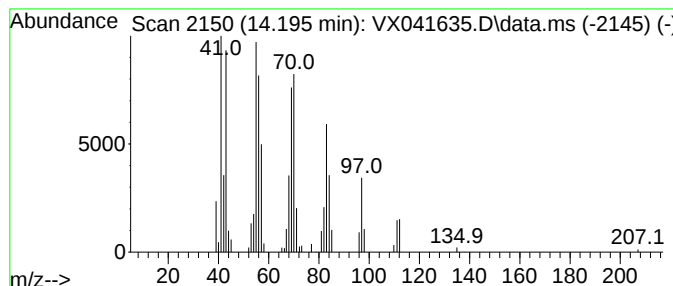
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 8 1-Decanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.195	3.43 ug/l	41145	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol			158	C10H22O	000112-30-1	91
2	1-Dodecanol			186	C12H26O	000112-53-8	91
3	2-Dodecene, (Z)-			168	C12H24	007206-26-0	90
4	3-Tetradecene, (Z)-			196	C14H28	041446-67-7	90
5	7-Tetradecene, (E)-			196	C14H28	041446-63-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
Data File : VX041635.D
Acq On : 23 May 2024 17:42
Operator : JC/MD
Sample : P2600-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240522051-01

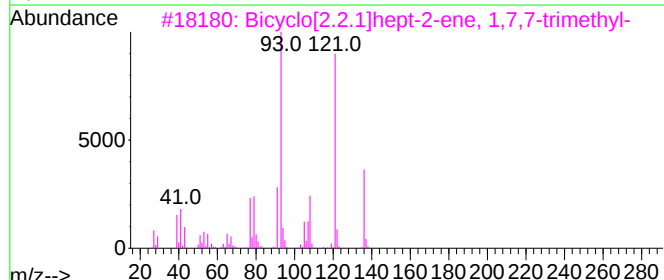
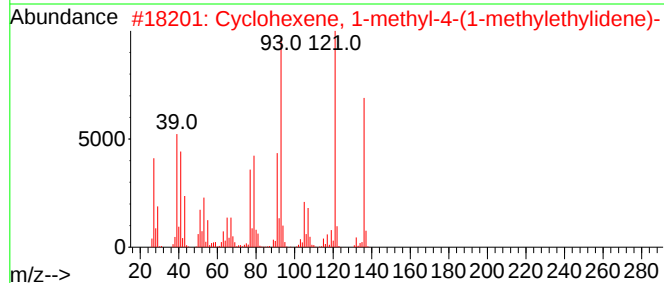
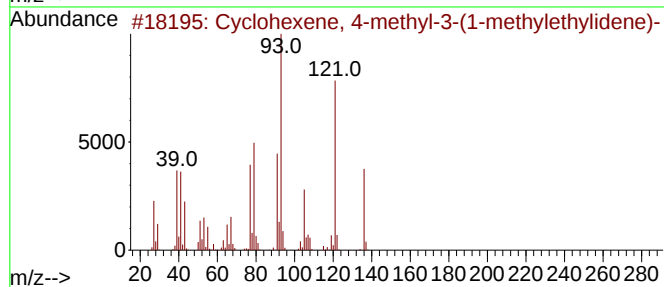
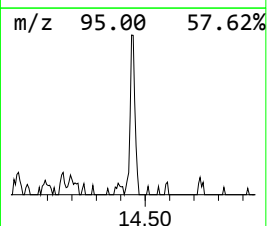
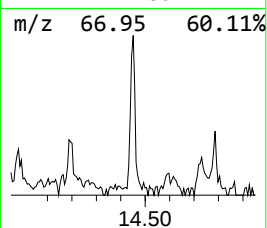
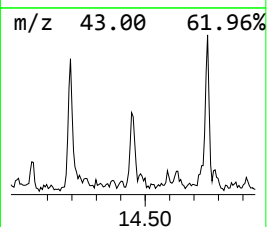
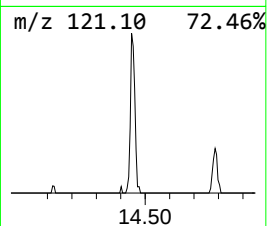
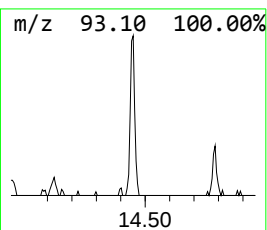
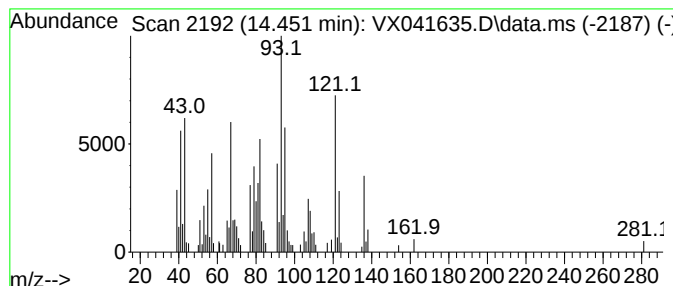
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 9 Cyclohexene, 4-methyl-3-(1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.451	3.27 ug/l	39262	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 4-methyl-3-(1-methy...	136	C10H16	099805-90-0	62
2			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	52
3			Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	50
4			Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	50
5			3-Carene	136	C10H16	013466-78-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
Data File : VX041635.D
Acq On : 23 May 2024 17:42
Operator : JC/MD
Sample : P2600-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240522051-01

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	2.117	11.8	ug/l	63807	1	4.897	161785	30.0
3-Heptanone	10.683	20.9	ug/l	250885	3	10.055	360351	30.0
Eucalyptol	12.104	5.6	ug/l	67357	3	10.055	360351	30.0
unknown12.579	12.579	16.5	ug/l	198171	3	10.055	360351	30.0
3-Carene	12.817	8.3	ug/l	100071	3	10.055	360351	30.0
Cyclohexene,1-(...	13.591	4.5	ug/l	53807	3	10.055	360351	30.0
1-Decanol	14.195	3.4	ug/l	41145	3	10.055	360351	30.0
Cyclohexene, 4-...	14.451	3.3	ug/l	39262	3	10.055	360351	30.0