

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031425\
 Data File : VX045291.D
 Acq On : 14 Mar 2025 12:59
 Operator : JC/MD
 Sample : Q1495-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVD(MAR)

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\624X022125W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX045291.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	77	rBV	10155	13021	3.43%	0.554%
2	2.093	155	165	175	rBV	172199	267663	70.55%	11.396%
3	2.386	207	213	229	rBV	57483	111194	29.31%	4.734%
4	2.563	235	242	252	rBV	22929	48044	12.66%	2.046%
5	3.873	449	457	471	rBV5	8028	24120	6.36%	1.027%
6	4.001	471	478	488	rVB8	2386	7001	1.85%	0.298%
7	4.574	567	572	585	rBV	3205	9959	2.63%	0.424%
8	4.891	614	624	641	rBV	40500	128249	33.80%	5.460%
9	5.946	789	797	811	rBV	54645	149052	39.29%	6.346%
10	6.757	920	930	949	rBV	90710	222815	58.73%	9.487%
11	8.421	1196	1203	1207	rBV3	2493	5183	1.37%	0.221%
12	8.580	1223	1229	1234	rBV	11485	19862	5.24%	0.846%
13	8.647	1234	1240	1246	rVV	236445	379390	100.00%	16.153%
14	8.714	1246	1251	1265	rVB	165078	264862	69.81%	11.277%
15	9.531	1380	1385	1397	rVB2	2959	6021	1.59%	0.256%
16	10.049	1465	1470	1483	rBV	188527	272693	71.88%	11.610%
17	10.586	1553	1558	1564	rBV4	2882	4547	1.20%	0.194%
18	10.781	1584	1590	1598	rBV4	2132	3995	1.05%	0.170%
19	11.079	1629	1639	1649	rBV	178792	230345	60.71%	9.807%
20	11.665	1730	1735	1737	rBV2	3967	5956	1.57%	0.254%
21	11.701	1737	1741	1744	rVV4	4778	7015	1.85%	0.299%
22	11.762	1748	1751	1760	rVB4	10384	16968	4.47%	0.722%
23	11.847	1760	1765	1768	rBV4	3662	6445	1.70%	0.274%
24	11.890	1768	1772	1781	rVB4	8732	15768	4.16%	0.671%
25	12.006	1788	1791	1795	rBV2	4223	5358	1.41%	0.228%
26	12.097	1801	1806	1809	rBV5	7028	12425	3.27%	0.529%
27	12.219	1821	1826	1837	rBV	33989	61408	16.19%	2.615%
28	12.585	1881	1886	1890	rBV3	6430	9936	2.62%	0.423%
29	12.768	1912	1916	1921	rBV2	2769	4781	1.26%	0.204%
30	12.817	1921	1924	1928	rVV2	10700	14509	3.82%	0.618%
31	13.335	2005	2009	2019	rBV6	3884	6820	1.80%	0.290%
32	13.585	2046	2050	2056	rBV6	4496	7692	2.03%	0.328%
33	13.780	2078	2082	2086	rVB3	3978	5597	1.48%	0.238%

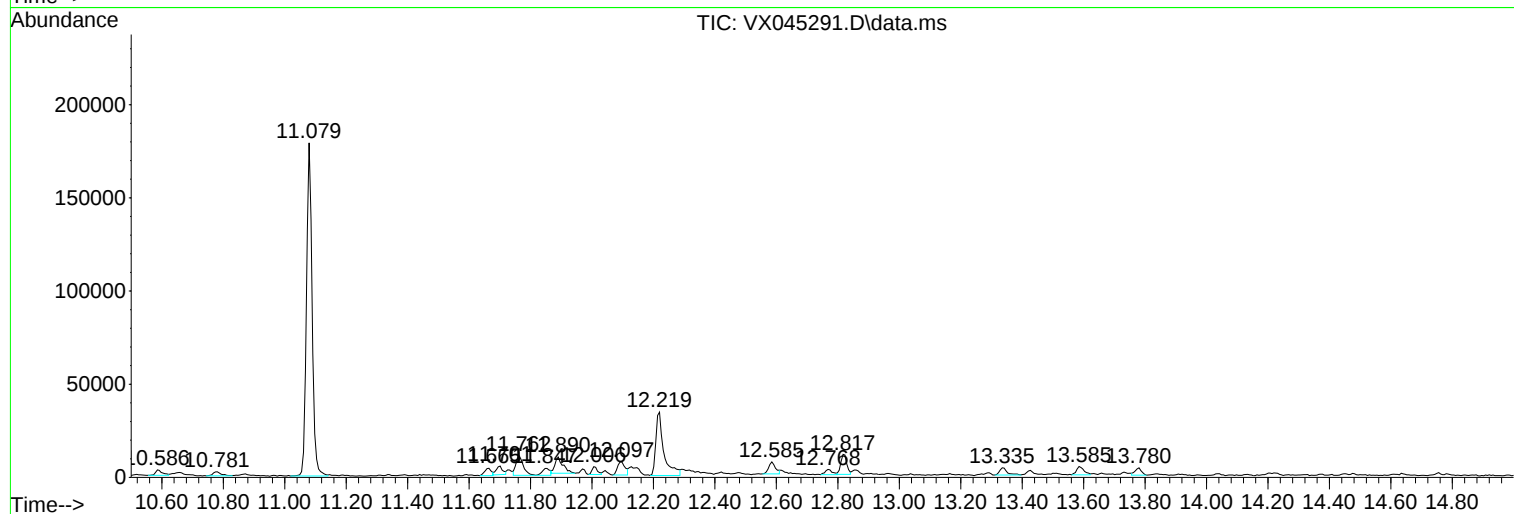
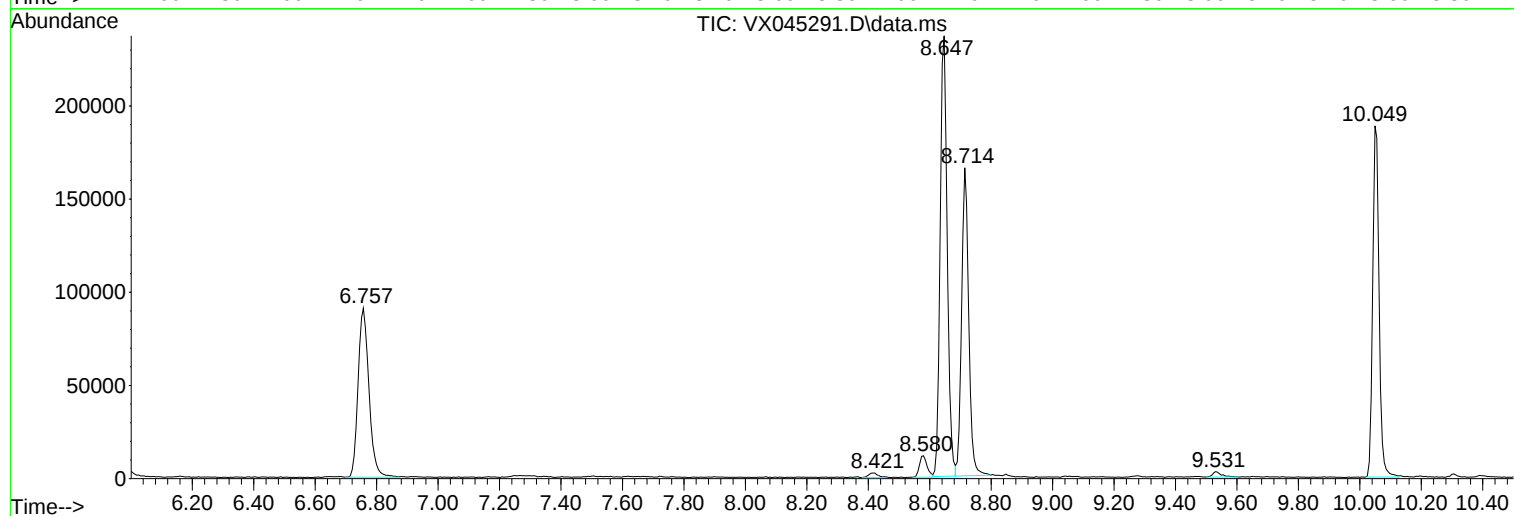
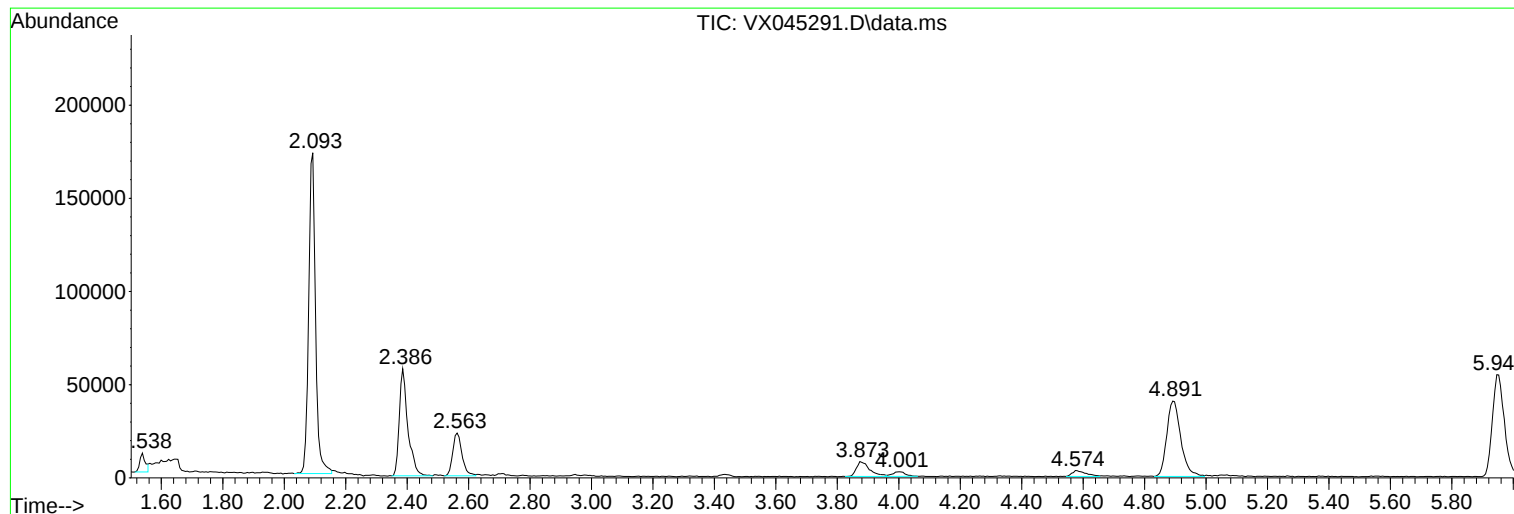
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(MAR)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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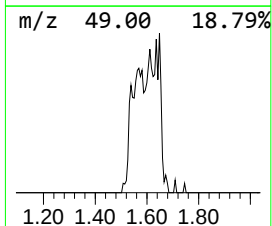
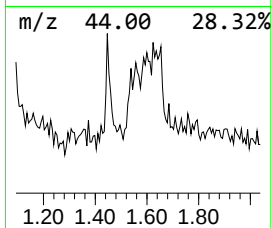
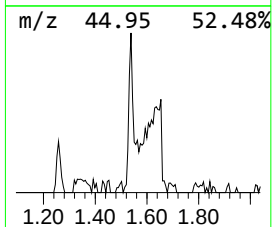
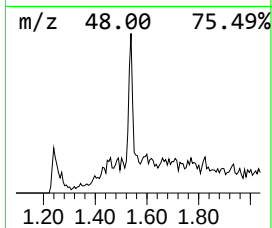
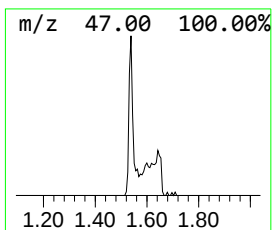
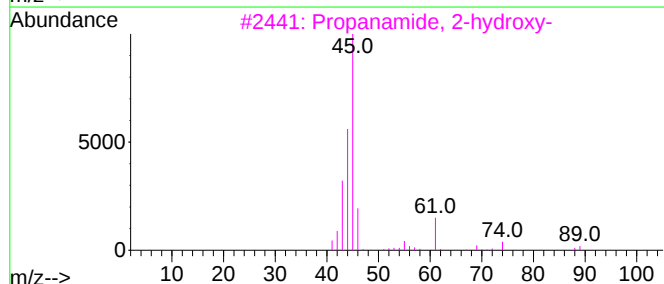
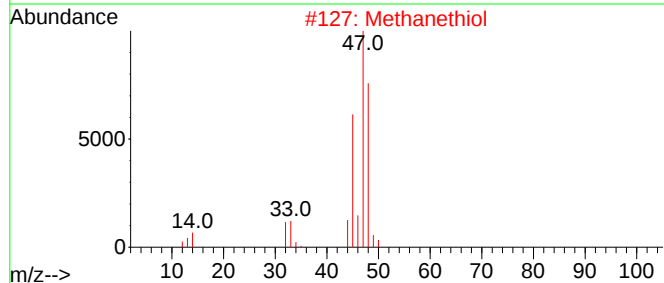
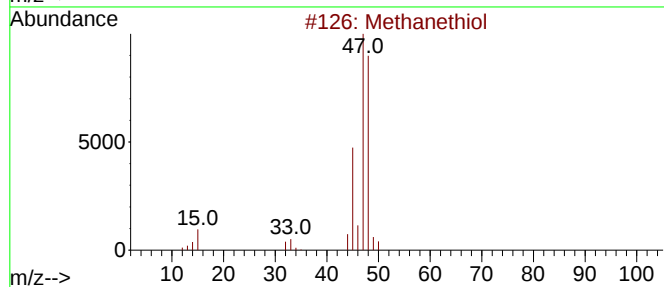
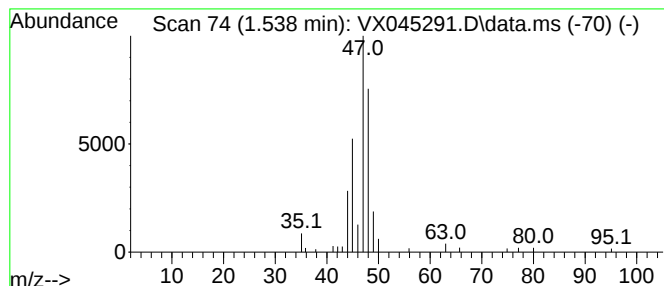
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Methanethiol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.538	3.05 ug/l	13021	Bromochloromethane	4.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanethiol	48	CH4S	000074-93-1	80
2			Methanethiol	48	CH4S	000074-93-1	78
3			Propanamide, 2-hydroxy-	89	C3H7NO2	002043-43-8	9
4			Propanamide, 2-hydroxy-	89	C3H7NO2	002043-43-8	9
5			Propanamide, 2-hydroxy-, (.+/-.)-	89	C3H7NO2	1000452-75-8	9



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(MAR)

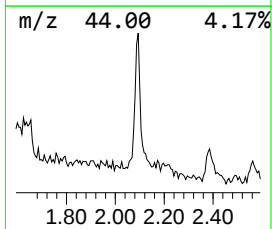
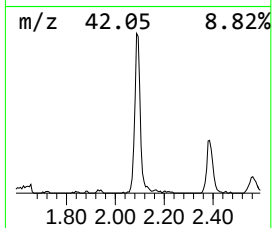
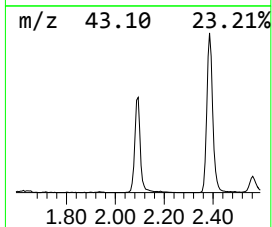
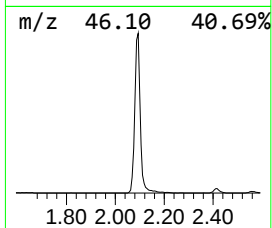
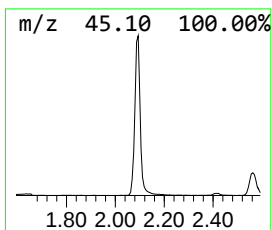
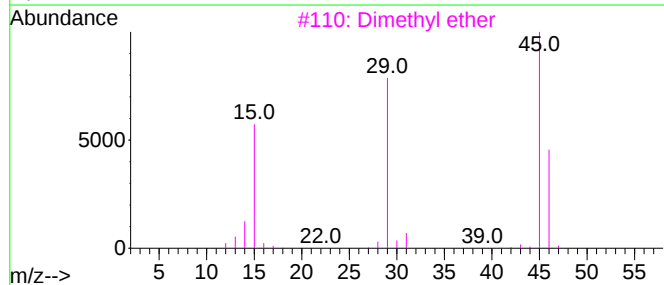
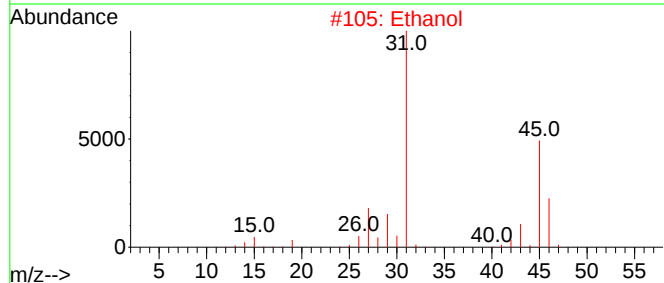
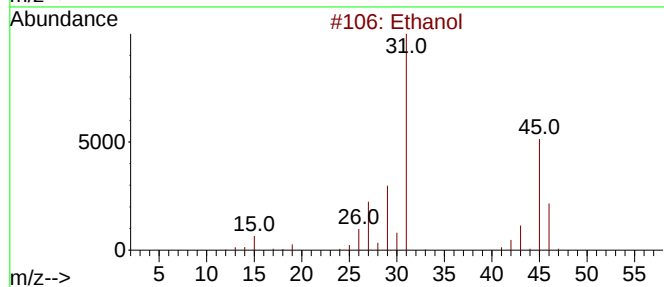
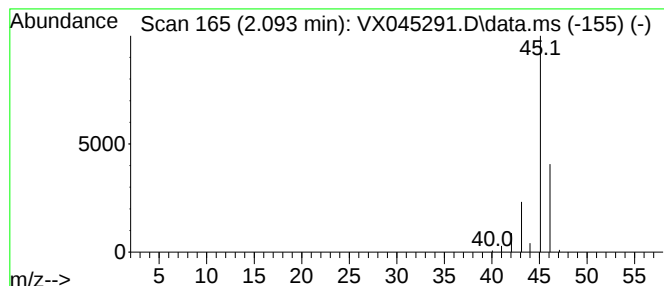
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 2 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.093	62.61 ug/l	267663	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	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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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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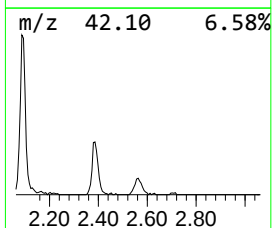
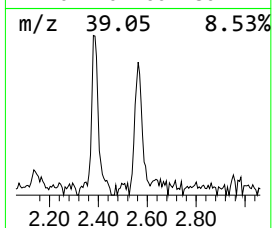
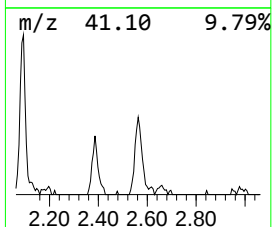
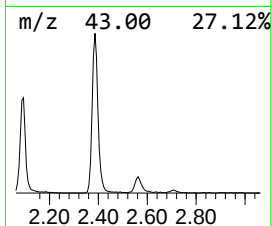
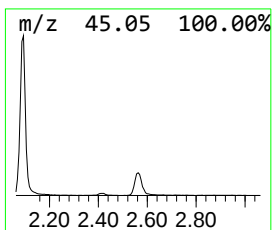
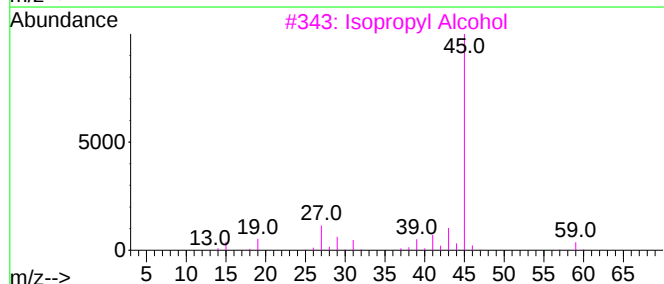
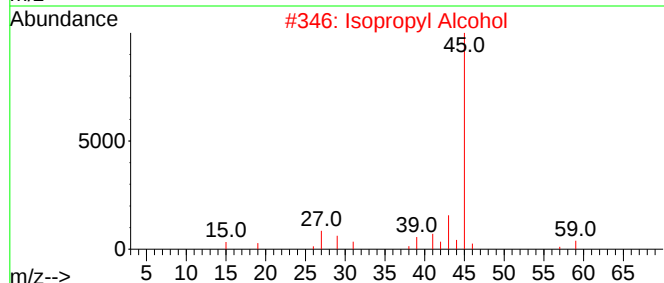
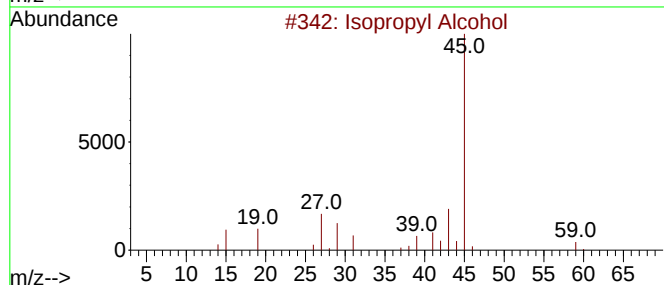
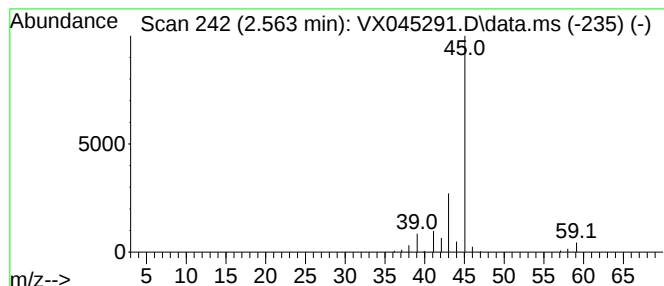
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 3 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.563	11.24 ug/l	48044	Bromochloromethane	4.898

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	56
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5			Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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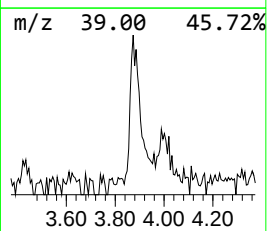
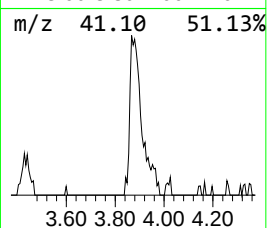
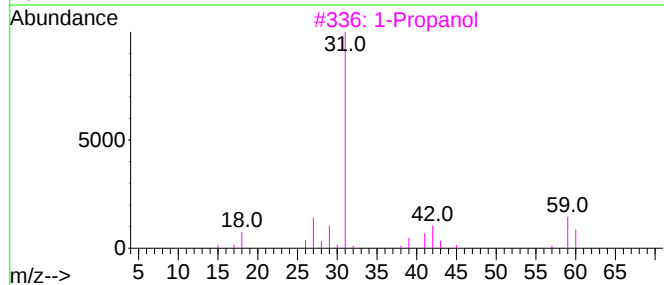
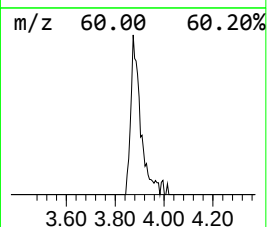
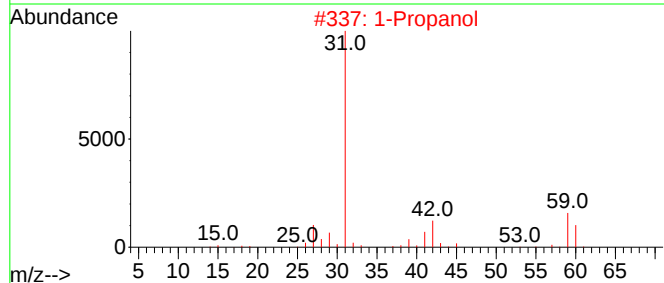
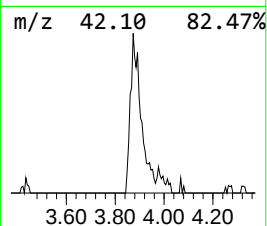
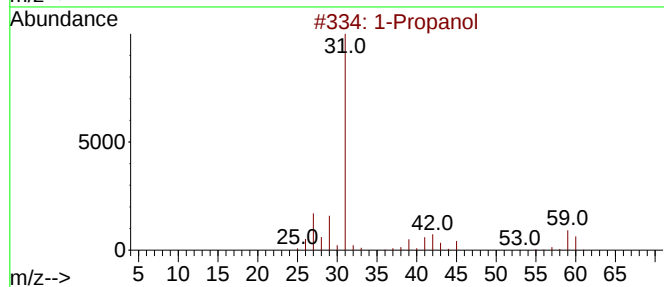
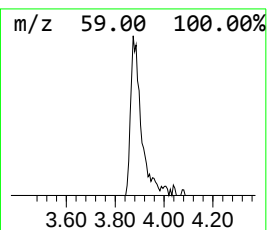
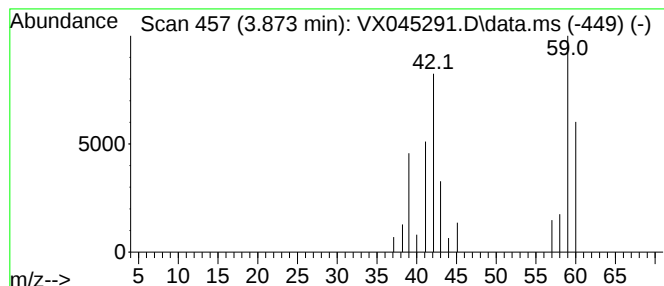
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 4 1-Propanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.873	5.64 ug/l	24120	Bromochloromethane	4.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol			60	C3H8O	000071-23-8	59
2	1-Propanol			60	C3H8O	000071-23-8	59
3	1-Propanol			60	C3H8O	000071-23-8	59
4	2-Fluoropropene			60	C3H5F	001184-60-7	58
5	2-Fluoropropene			60	C3H5F	001184-60-7	52



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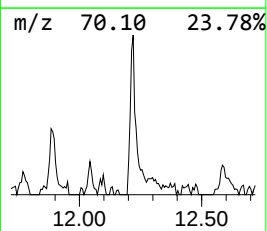
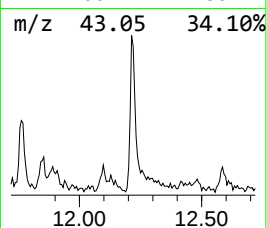
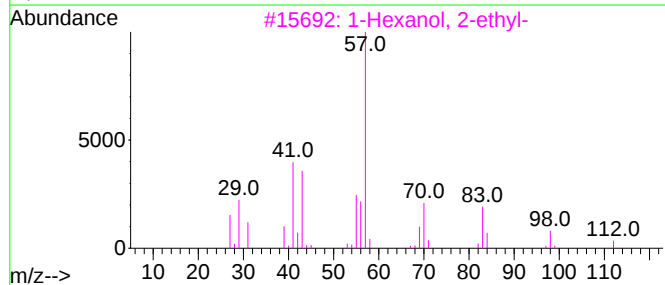
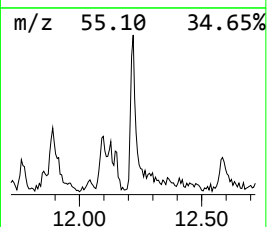
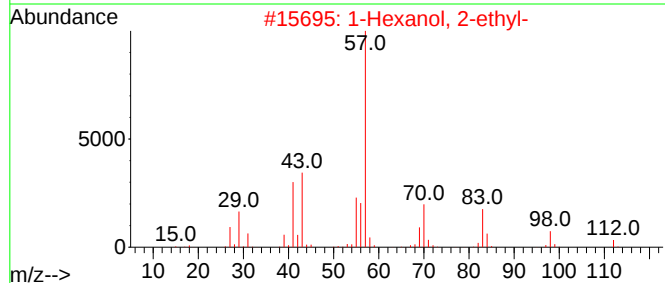
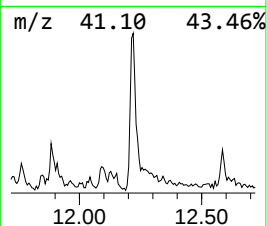
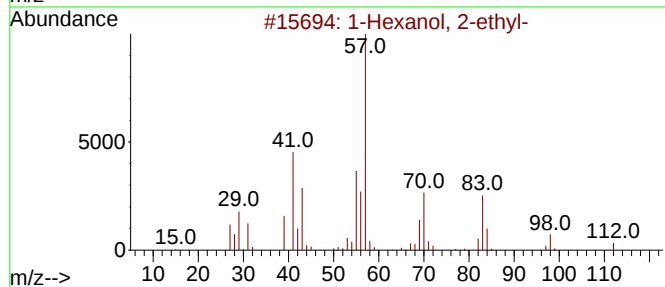
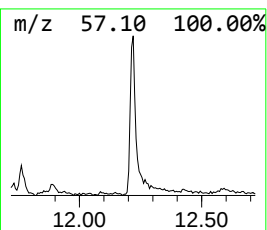
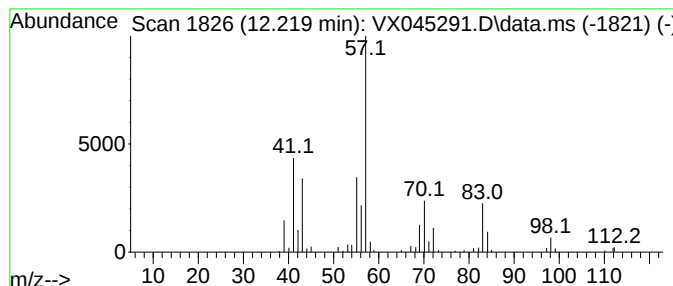
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.219	6.76 ug/l	61408	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	72
5	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	50



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.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
Methanethiol	1.538	3.0	ug/l	13021	1	4.898	128249	30.0
Ethanol	2.093	62.6	ug/l	267663	1	4.898	128249	30.0
Isopropyl Alcohol	2.563	11.2	ug/l	48044	1	4.898	128249	30.0
1-Propanol	3.873	5.6	ug/l	24120	1	4.898	128249	30.0
1-Hexanol, 2-et...	12.219	6.8	ug/l	61408	3	10.055	272693	30.0