

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031425\
 Data File : VX045292.D
 Acq On : 14 Mar 2025 13:22
 Operator : JC/MD
 Sample : Q1495-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(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: VX045292.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	78	rBV	14795	18216	5.24%	0.805%
2	2.087	158	164	180	rVB	186070	271381	78.10%	11.989%
3	2.386	205	213	228	rBV	57861	114786	33.03%	5.071%
4	2.563	235	242	252	rBV	24327	47732	13.74%	2.109%
5	3.434	379	385	392	rVB5	1727	4254	1.22%	0.188%
6	3.879	451	458	466	rBV2	8968	22663	6.52%	1.001%
7	4.007	473	479	486	rVB8	2489	5845	1.68%	0.258%
8	4.587	564	574	580	rBV	3264	9628	2.77%	0.425%
9	4.898	616	625	642	rVB2	38770	118961	34.23%	5.255%
10	5.952	788	798	814	rBV2	54551	143705	41.35%	6.349%
11	6.757	921	930	944	rBV	84083	206956	59.56%	9.143%
12	8.415	1196	1202	1211	rVB5	2637	5176	1.49%	0.229%
13	8.580	1223	1229	1234	rBV	12234	20674	5.95%	0.913%
14	8.647	1234	1240	1246	rVV	226100	347497	100.00%	15.352%
15	8.714	1246	1251	1261	rVB	164534	261605	75.28%	11.557%
16	9.531	1380	1385	1392	rBV4	3244	6017	1.73%	0.266%
17	10.049	1465	1470	1480	rBV	173911	250619	72.12%	11.072%
18	10.586	1555	1558	1564	rBV5	3052	5413	1.56%	0.239%
19	10.775	1584	1589	1596	rBV3	2469	4354	1.25%	0.192%
20	11.079	1634	1639	1649	rVB	163614	211784	60.95%	9.356%
21	11.701	1737	1741	1743	rVV3	4396	6263	1.80%	0.277%
22	11.762	1747	1751	1757	rVB3	10135	15412	4.44%	0.681%
23	11.848	1760	1765	1767	rBV3	4507	6010	1.73%	0.266%
24	11.890	1767	1772	1782	rVB5	8813	18399	5.29%	0.813%
25	12.006	1788	1791	1794	rBV	4197	4430	1.27%	0.196%
26	12.091	1800	1805	1809	rBV3	7557	13014	3.75%	0.575%
27	12.146	1812	1814	1819	rVB3	4053	4977	1.43%	0.220%
28	12.219	1819	1826	1836	rBV	32796	60891	17.52%	2.690%
29	12.585	1880	1886	1892	rBV4	6517	12258	3.53%	0.542%
30	12.768	1911	1916	1920	rBV4	2691	4423	1.27%	0.195%
31	12.817	1920	1924	1928	rVV4	10807	14427	4.15%	0.637%
32	12.853	1928	1930	1935	rVB3	2672	3727	1.07%	0.165%
33	13.335	2005	2009	2015	rBV4	3692	6332	1.82%	0.280%
34	13.427	2019	2024	2029	rBV5	2680	4503	1.30%	0.199%
35	13.585	2046	2050	2056	rBV4	4215	7098	2.04%	0.314%
36	13.780	2079	2082	2088	rVB	3210	4123	1.19%	0.182%

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ClientSampleId :
002-35TH-AVE(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

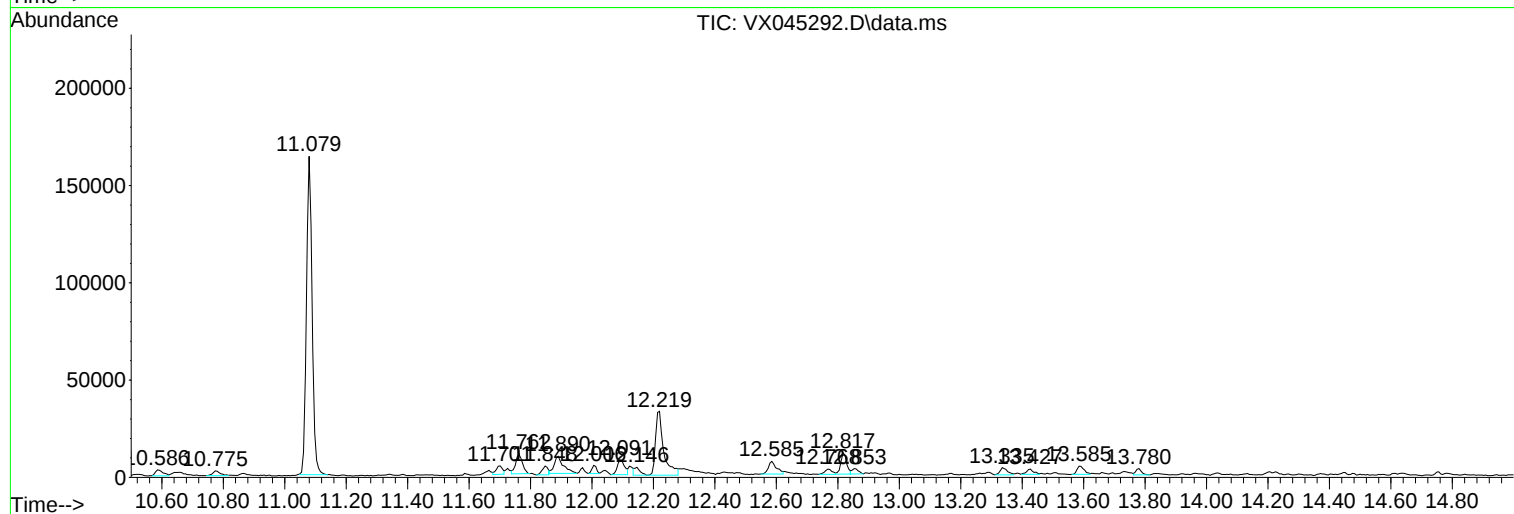
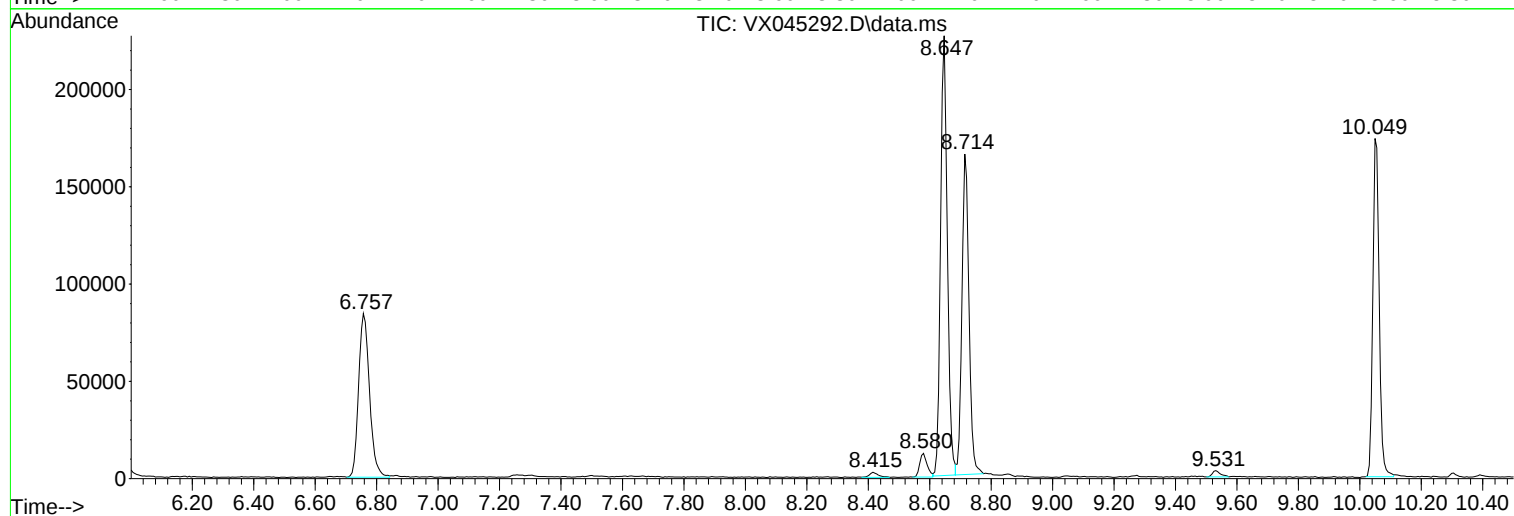
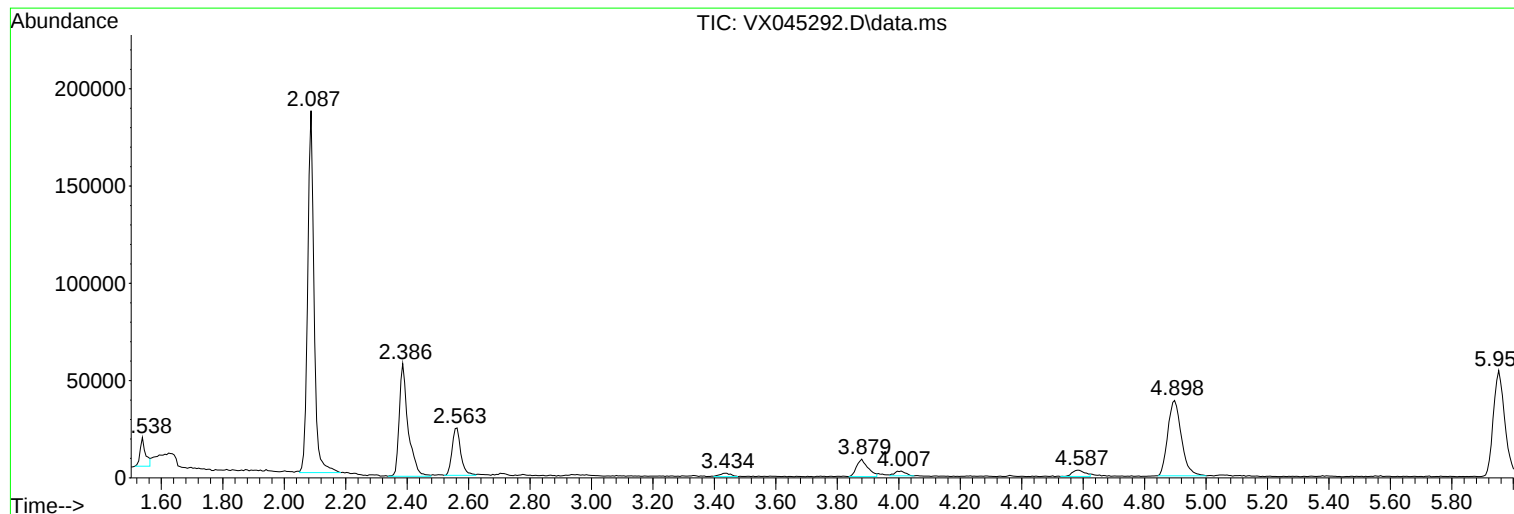
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031425\
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Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(MAR)

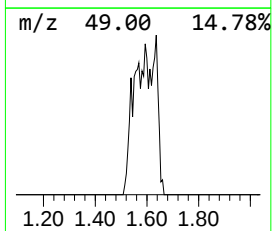
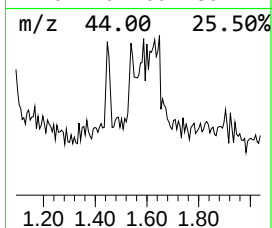
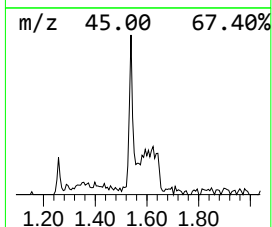
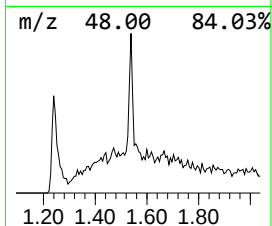
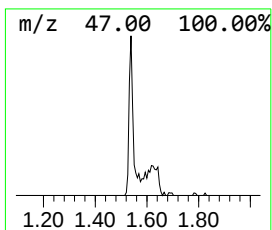
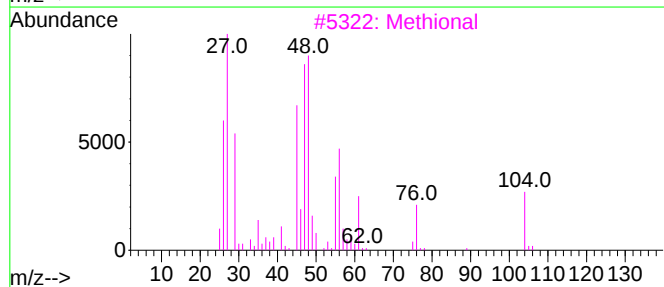
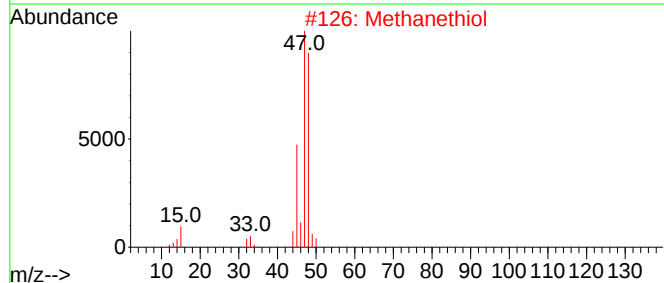
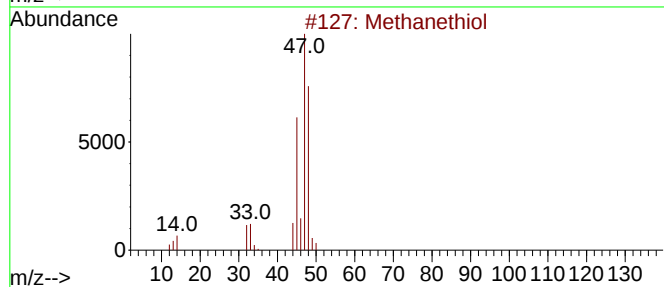
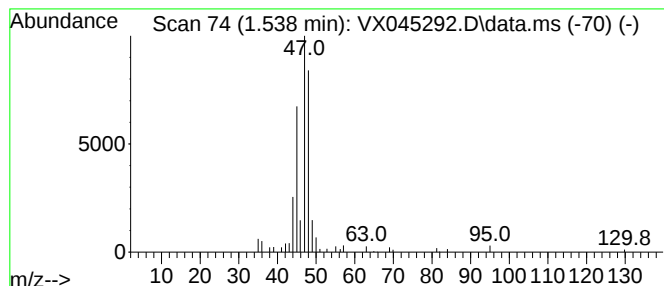
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Methanethiol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.538	4.59 ug/l	18216	Bromochloromethane	4.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanethiol	48	CH4S	000074-93-1	86
2			Methanethiol	48	CH4S	000074-93-1	72
3			Methional	104	C4H8OS	003268-49-3	64
4			Propanamide, 2-hydroxy-, (./-.)-	89	C3H7NO2	1000452-75-8	9
5			Tetraborane(10)	54	B4H10	018283-93-7	9



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(MAR)

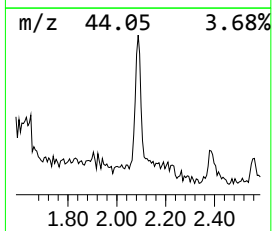
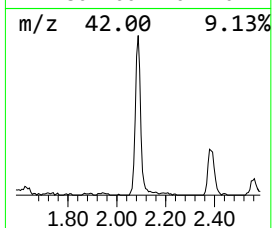
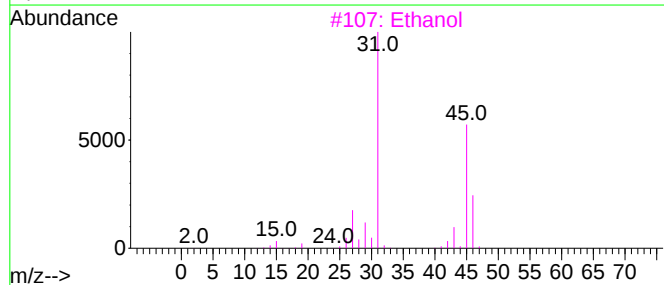
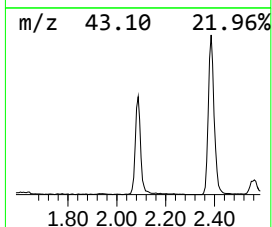
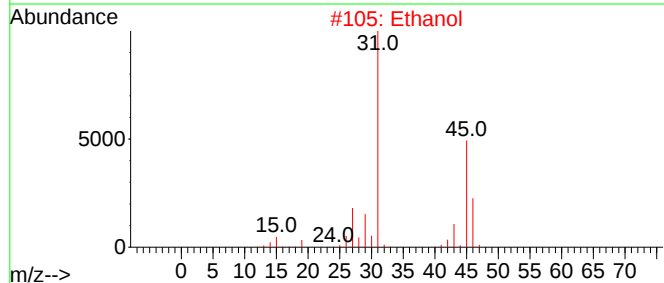
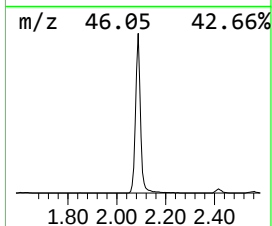
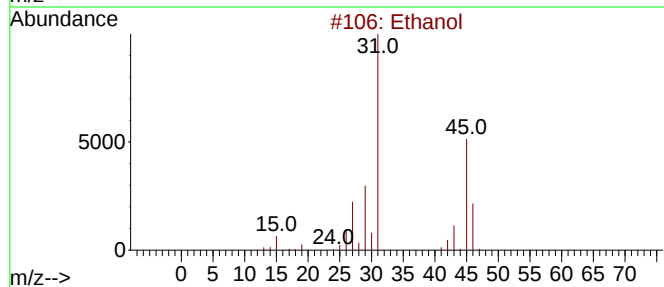
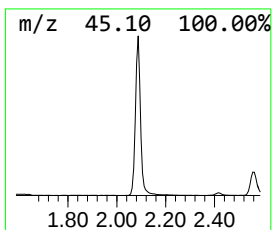
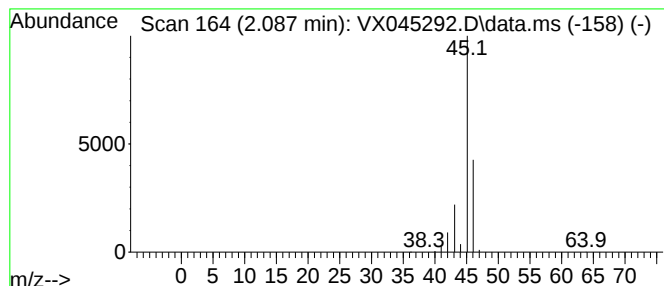
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 2 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.087	68.44 ug/l	271381	Bromochloromethane	4.898

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



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002-35TH-AVE(MAR)

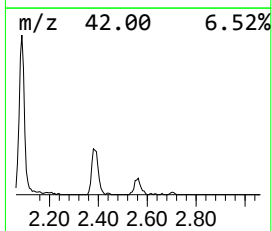
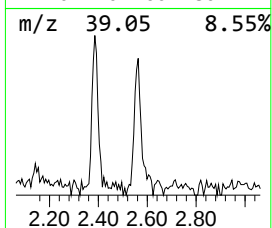
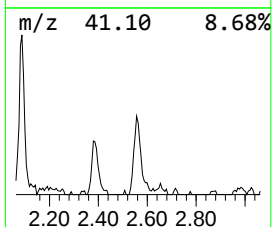
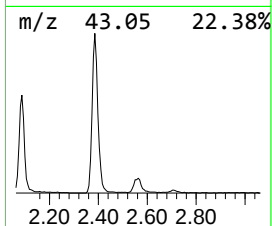
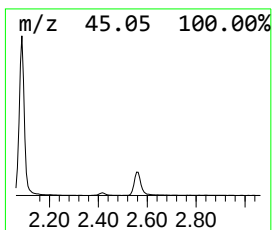
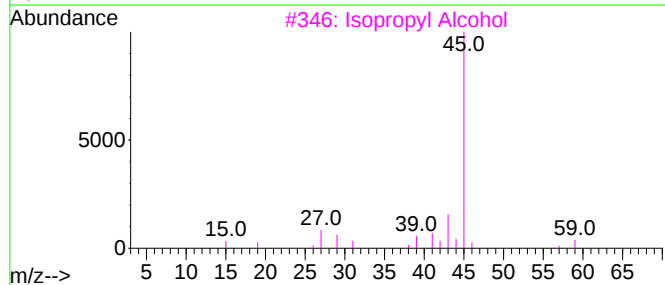
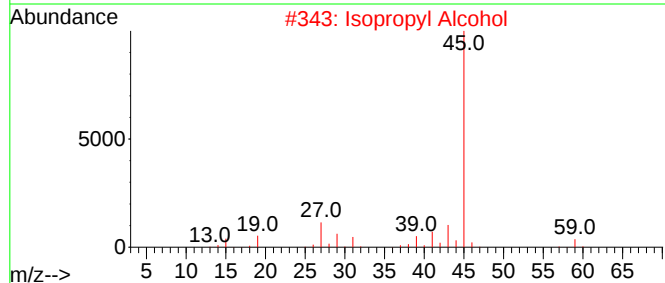
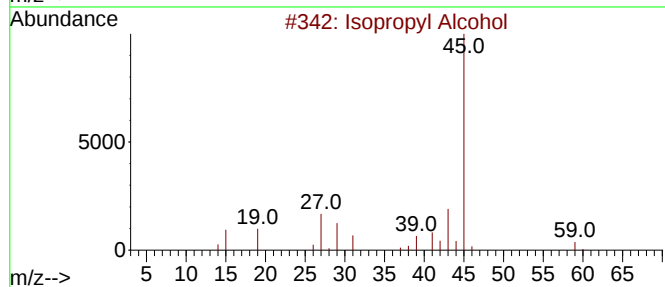
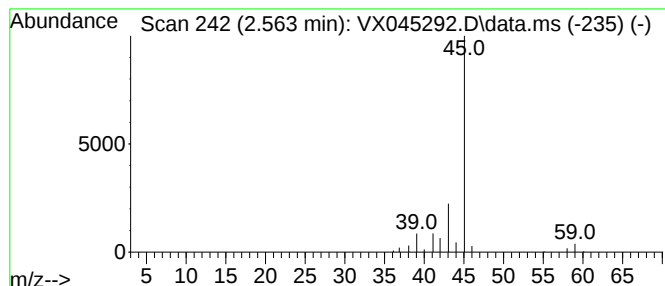
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 3 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.563	12.04 ug/l	47732	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	64
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4			Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5			Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
002-35TH-AVE(MAR)

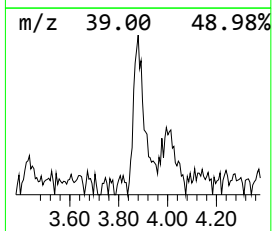
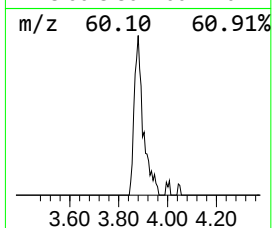
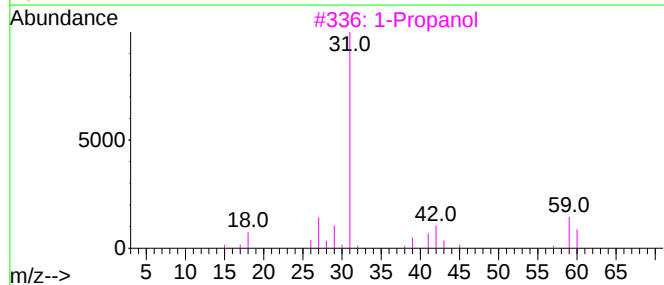
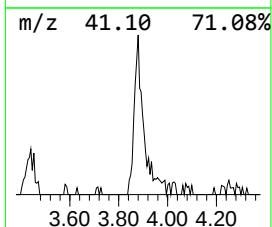
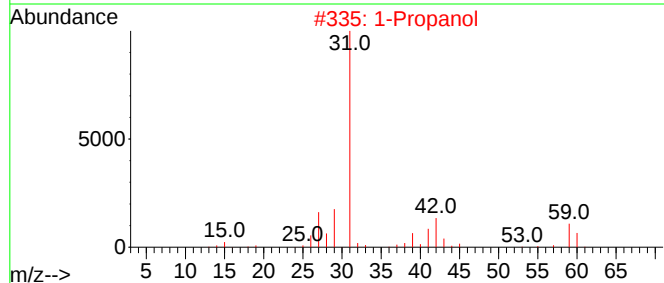
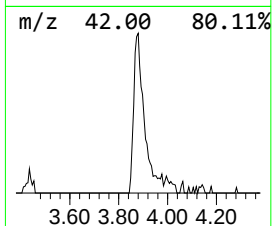
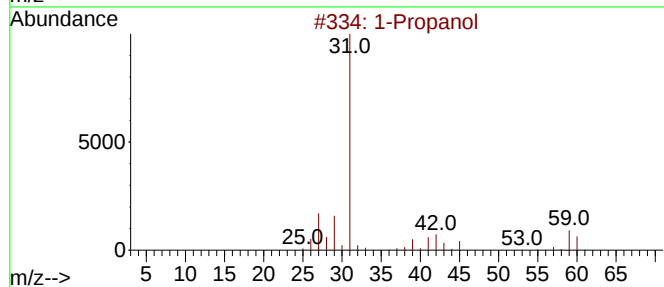
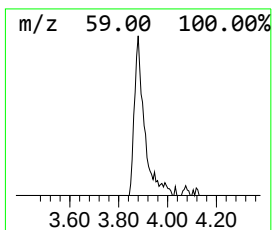
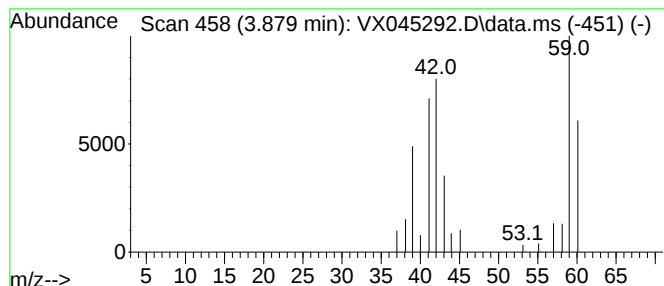
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 4 1-Propanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.879	5.72 ug/l	22663	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	53
3	1-Propanol			60	C3H8O	000071-23-8	50
4	1-Propanol			60	C3H8O	000071-23-8	50
5	2-Fluoropropene			60	C3H5F	001184-60-7	43



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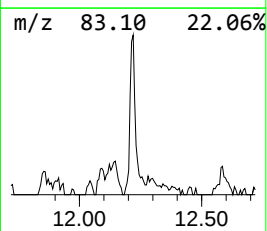
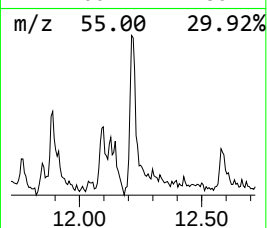
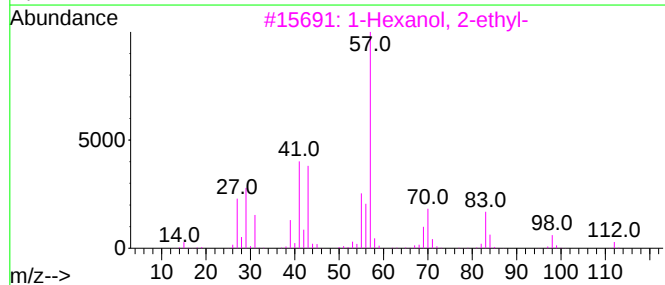
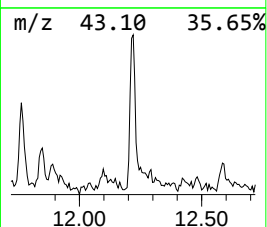
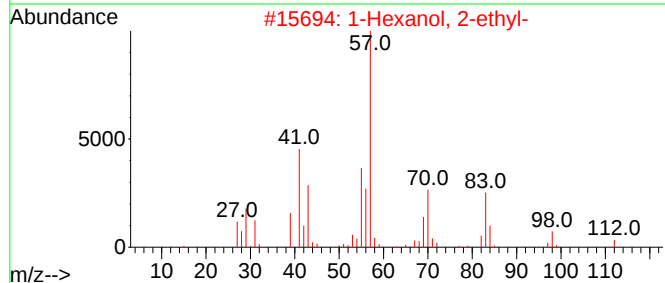
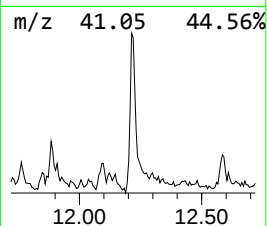
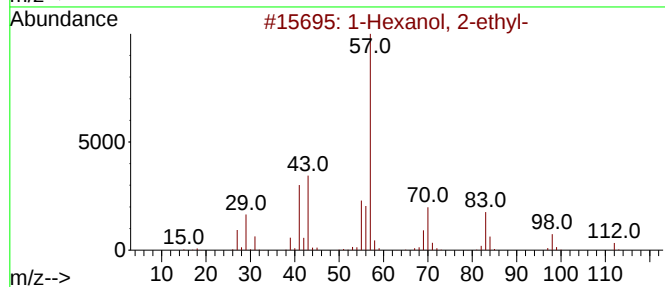
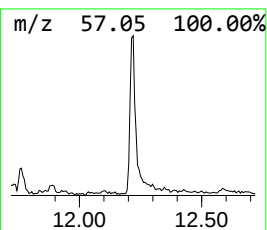
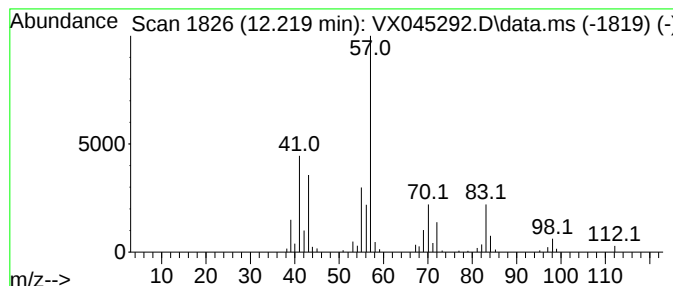
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.219	7.29 ug/l	60891	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
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	64
5	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031425\
Data File : VX045292.D
Acq On : 14 Mar 2025 13:22
Operator : JC/MD
Sample : Q1495-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(MAR)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.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
Methanethiol	1.538	4.6	ug/l	18216	1	4.898	118961	30.0
Ethanol	2.087	68.4	ug/l	271381	1	4.898	118961	30.0
Isopropyl Alcohol	2.563	12.0	ug/l	47732	1	4.898	118961	30.0
1-Propanol	3.879	5.7	ug/l	22663	1	4.898	118961	30.0
1-Hexanol, 2-et...	12.219	7.3	ug/l	60891	3	10.055	250619	30.0