

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
 Data File : VX044670.D
 Acq On : 16 Jan 2025 13:55
 Operator :
 Sample : Q1083-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

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_X\Method\624X011625W.M
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX044670.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.752	106	109	116	rBV3	12491	29538	1.50%	0.552%
2	2.392	208	214	227	rVB	60212	134312	6.82%	2.511%
3	2.575	237	244	250	rBV	12174	33444	1.70%	0.625%
4	2.648	251	256	262	rVB2	10578	26474	1.34%	0.495%
5	4.587	566	574	585	rBV	7731	28940	1.47%	0.541%
6	4.898	614	625	637	rBV	67521	215120	10.92%	4.022%
7	5.946	789	797	813	rBV2	90669	253777	12.89%	4.744%
8	6.757	920	930	951	rBV	161250	410438	20.84%	7.673%
9	8.580	1224	1229	1234	rBV2	19574	40790	2.07%	0.763%
10	8.647	1234	1240	1246	rVV	390876	669230	33.99%	12.511%
11	8.714	1246	1251	1268	rVV	1184434	1969138	100.00%	36.814%
12	8.842	1268	1272	1280	rVB	27026	47458	2.41%	0.887%
13	9.537	1380	1386	1397	rBV5	11493	25548	1.30%	0.478%
14	10.049	1465	1470	1487	rBV	290366	454126	23.06%	8.490%
15	11.079	1631	1639	1651	rBV	292752	391672	19.89%	7.322%
16	11.701	1735	1741	1743	rBV	17317	22830	1.16%	0.427%
17	11.756	1747	1750	1757	rVV3	57520	88541	4.50%	1.655%
18	11.848	1760	1765	1769	rBV2	41834	64433	3.27%	1.205%
19	11.890	1769	1772	1782	rVB3	33393	62418	3.17%	1.167%
20	12.006	1788	1791	1795	rBV	42779	49131	2.50%	0.919%
21	12.091	1800	1805	1809	rBV2	24603	41119	2.09%	0.769%
22	12.219	1821	1826	1836	rBV	64644	115115	5.85%	2.152%
23	13.292	1993	2002	2005	rBV4	18434	36020	1.83%	0.673%
24	13.335	2005	2009	2014	rVB	26098	33025	1.68%	0.617%
25	13.585	2046	2050	2058	rBV4	39213	60736	3.08%	1.135%
26	14.225	2150	2155	2159	rVB	14339	23360	1.19%	0.437%
27	14.475	2193	2196	2207	rVB4	11758	22192	1.13%	0.415%

Sum of corrected areas: 5348925

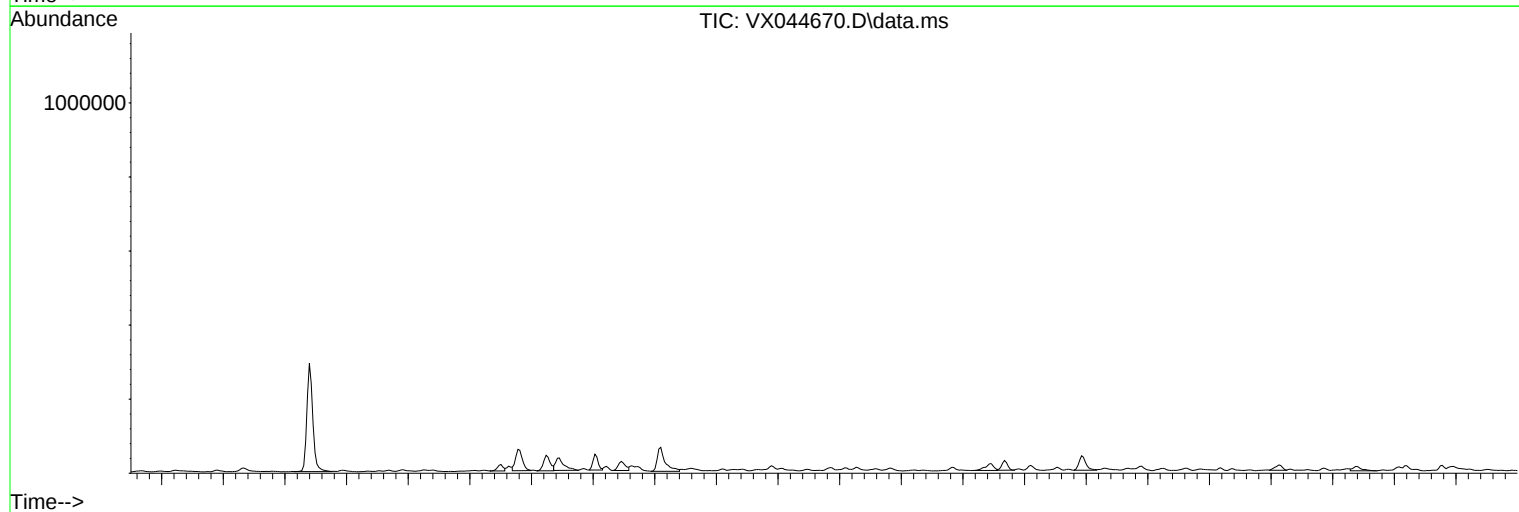
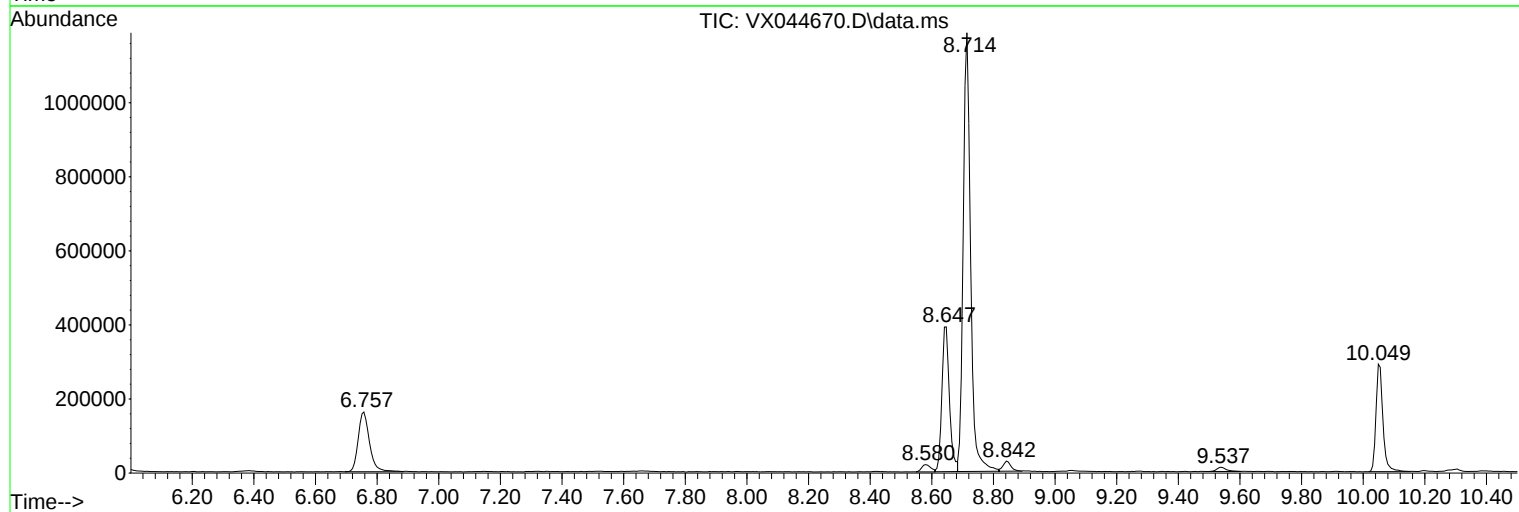
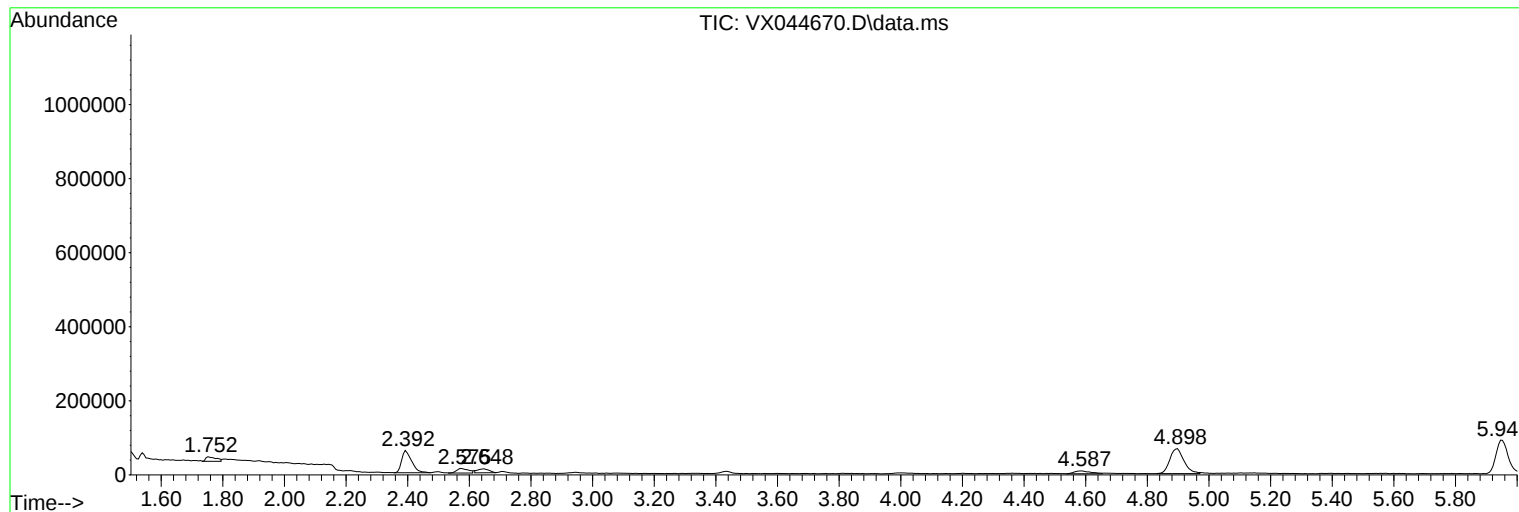
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ALS Vial : 13 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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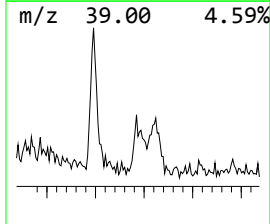
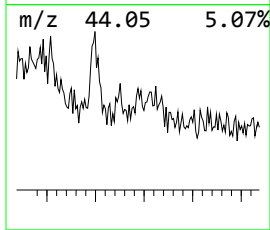
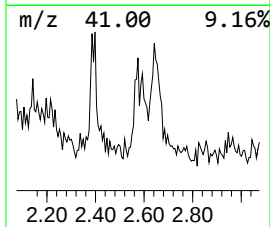
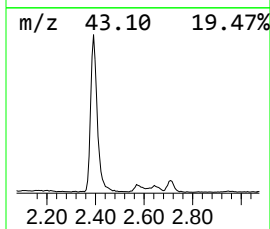
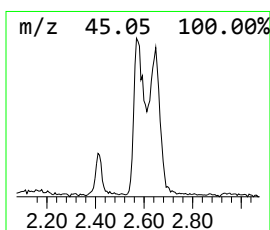
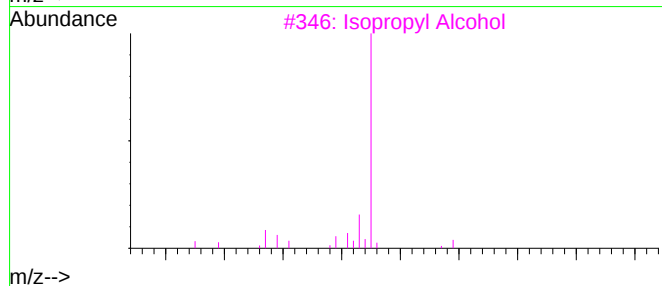
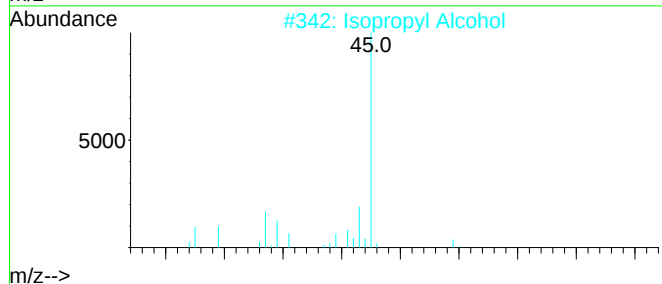
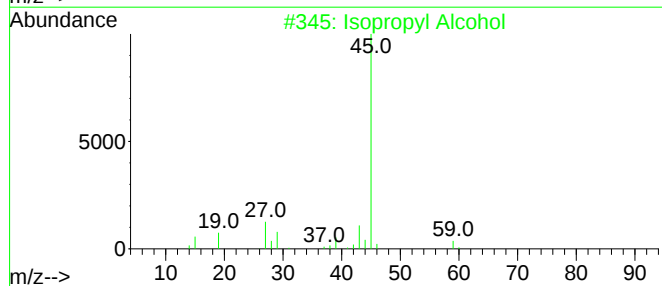
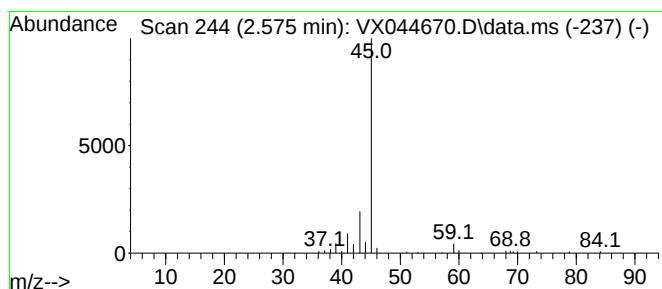
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.575	4.66 ug/l	33444	Bromochloromethane	4.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	43
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40



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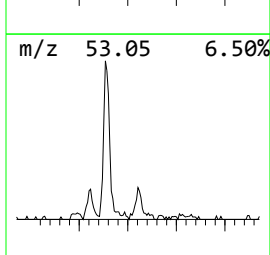
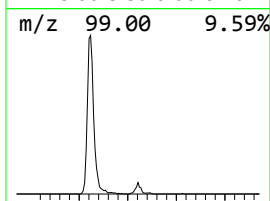
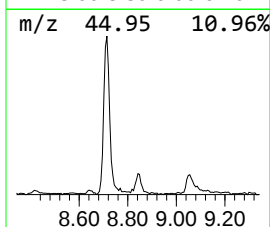
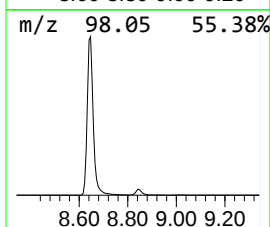
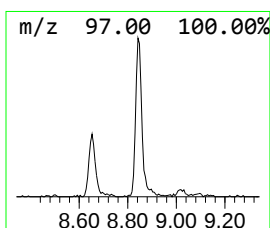
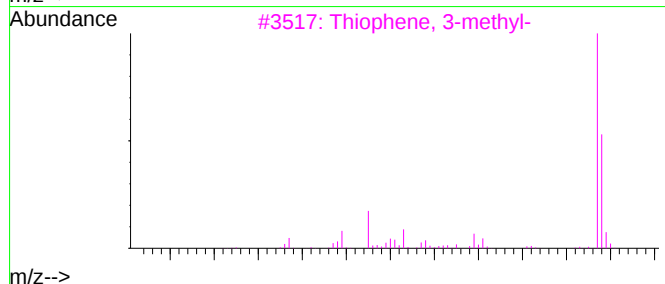
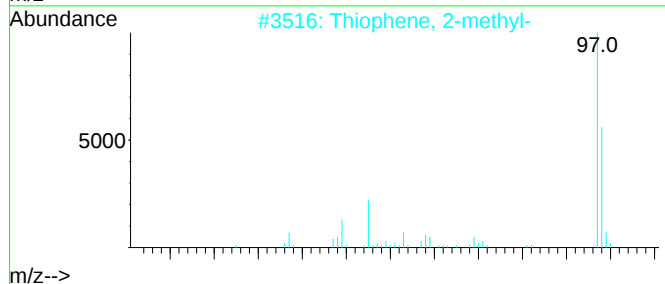
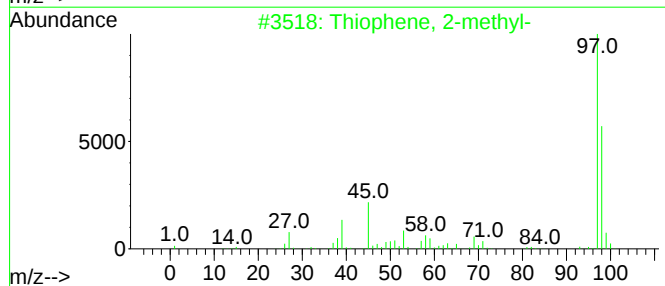
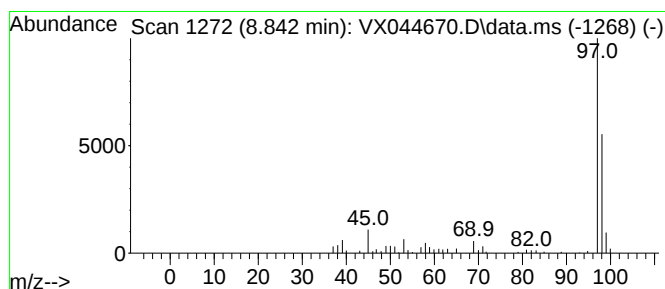
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 4 Thiophene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.842	3.14 ug/l	47458	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
2	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
3	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
4	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
5	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	90



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

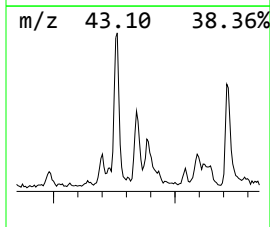
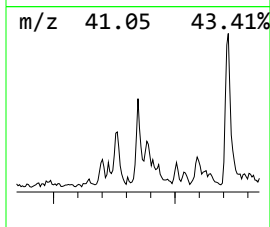
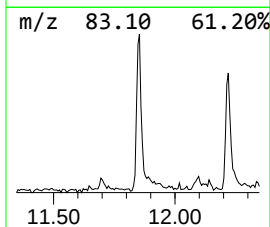
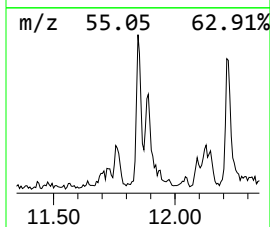
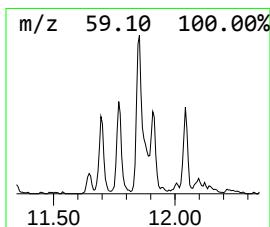
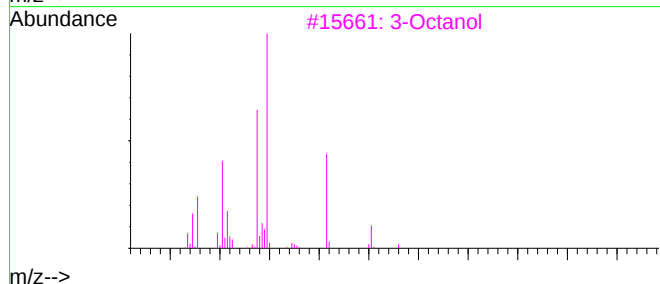
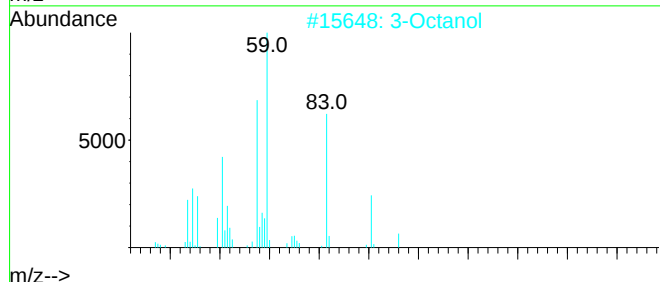
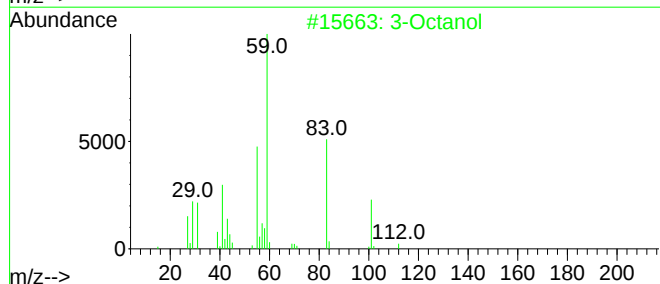
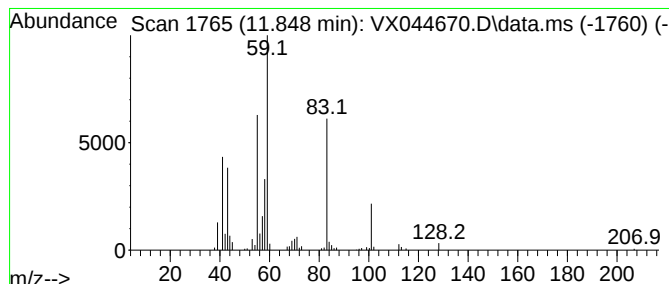
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 3-Octanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.848	4.26 ug/l	64433	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol	130	C8H18O	000589-98-0	86
2	3-Octanol	130	C8H18O	000589-98-0	78
3	3-Octanol	130	C8H18O	000589-98-0	72
4	3-Octanol	130	C8H18O	000589-98-0	59
5	3-Octanol	130	C8H18O	000589-98-0	53



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ALS Vial : 13 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

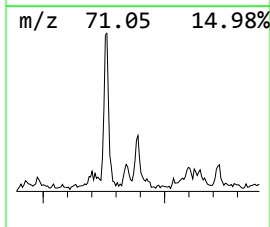
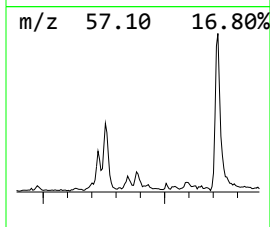
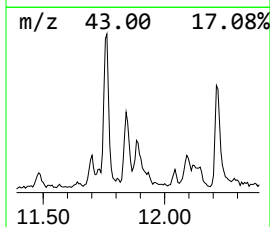
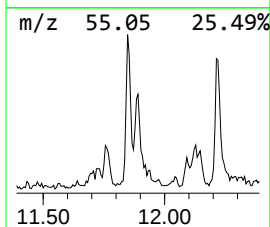
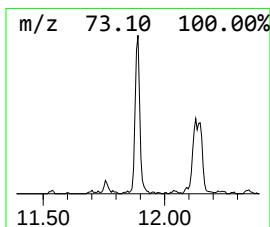
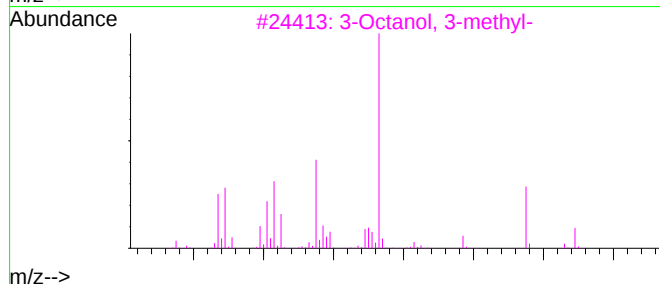
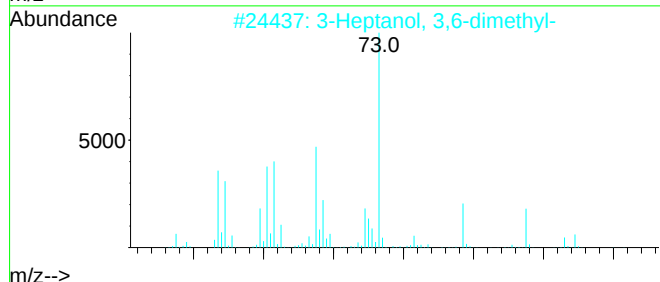
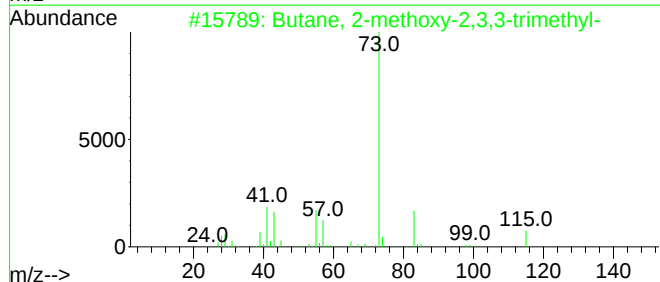
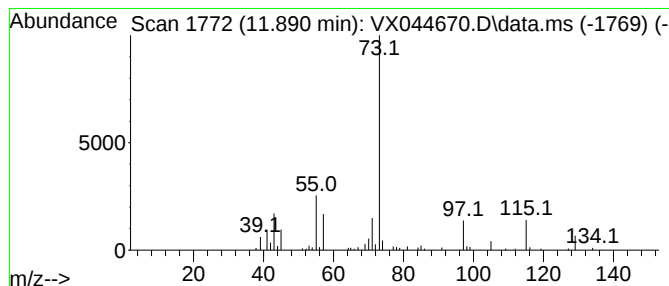
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown11.890 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.890	4.12 ug/l	62418	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	43
2	3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	40
3	3-Octanol, 3-methyl-	144	C9H20O	005340-36-3	32
4	3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	25
5	Hydrazine, 1-butyl-2-ethyl-	116	C6H16N2	003711-26-0	17



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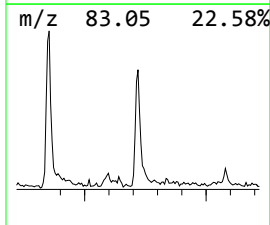
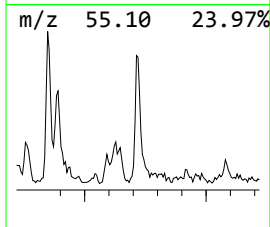
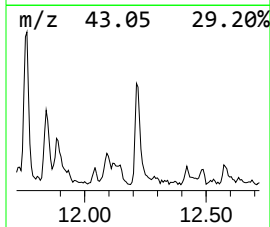
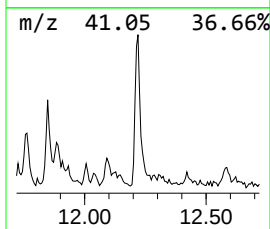
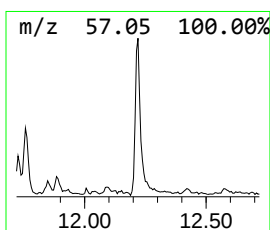
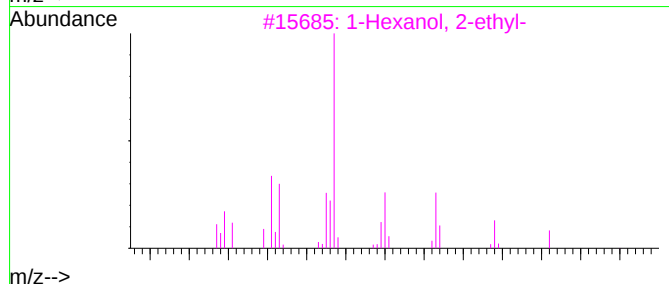
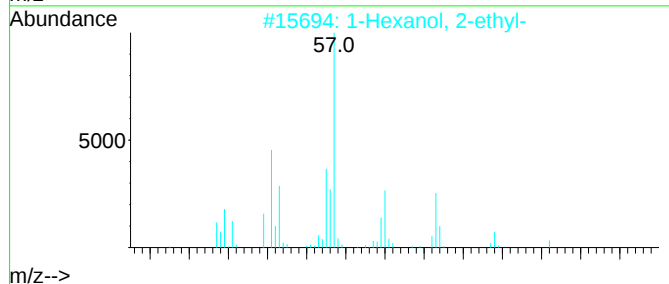
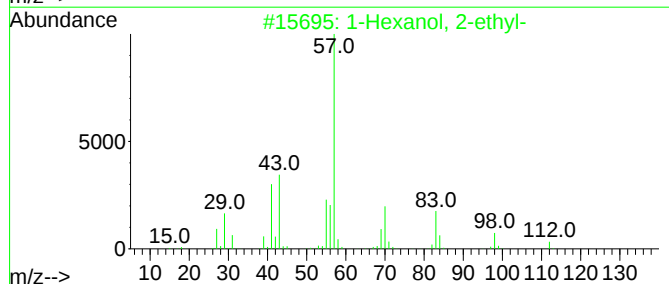
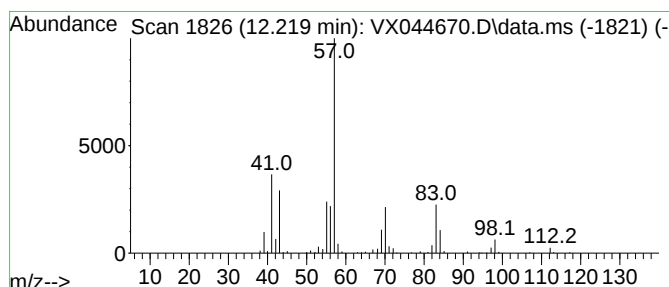
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.219	7.60 ug/l	115115	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	53
4	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	53
5	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50



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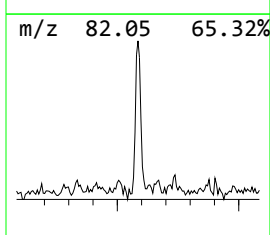
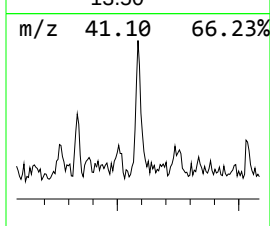
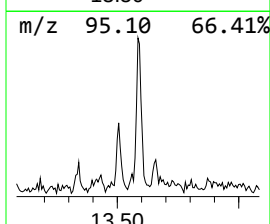
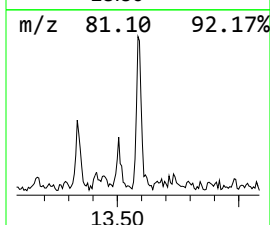
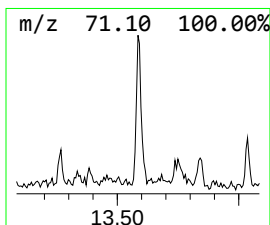
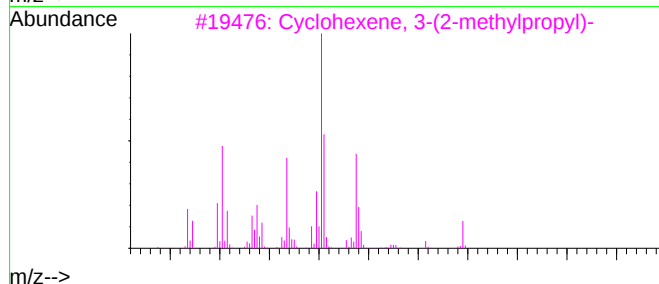
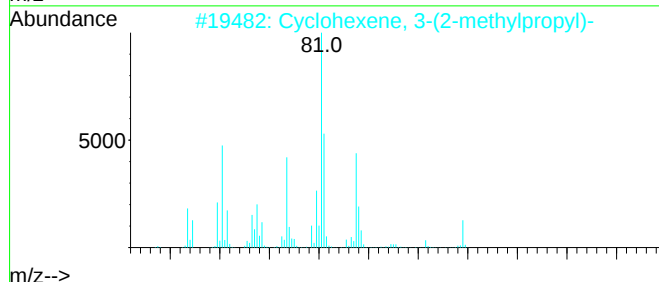
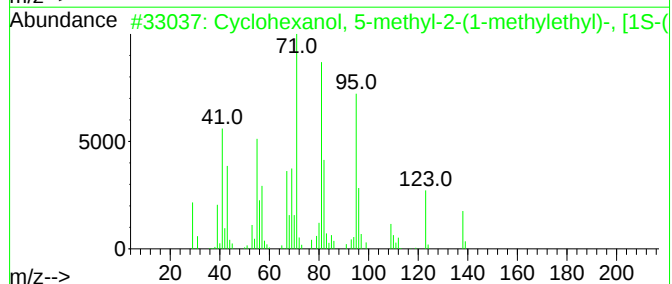
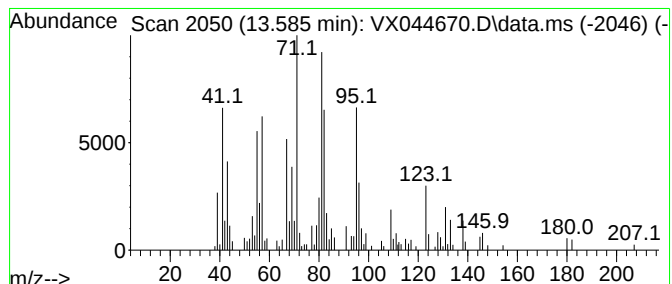
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.585	4.01 ug/l	60736	Chlorobenzene-d5	10.055	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-52-6	72
2	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	53
3	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	53
4	Bicyclo[4.1.0]heptane, 3-methyl-...	180	C13H24	041977-48-4	49
5	Cyclohexane, 1-methyl-4-(1-methv...	138	C10H18	001124-25-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
Data File : VX044670.D
Acq On : 16 Jan 2025 13:55
Operator :
Sample : Q1083-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.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
Sulfur dioxide	1.752	4.1	ug/l	29538	1	4.891	215120	30.0
Isopropyl Alcohol	2.575	4.7	ug/l	33444	1	4.891	215120	30.0
Thiophene, 2-me...	8.842	3.1	ug/l	47458	3	10.055	454126	30.0
3-Octanol	11.848	4.3	ug/l	64433	3	10.055	454126	30.0
unknown11.890	11.890	4.1	ug/l	62418	3	10.055	454126	30.0
1-Hexanol, 2-et...	12.219	7.6	ug/l	115115	3	10.055	454126	30.0
Cyclohexanol, 5...	13.585	4.0	ug/l	60736	3	10.055	454126	30.0