

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
 Data File : VX040625.D
 Acq On : 08 Mar 2024 12:25
 Operator : JC/MD
 Sample : P1689-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

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\624X030524W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX040625.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.050	152	158	172	rBV	228001	383891	100.00%	16.415%
2	2.380	205	212	217	rBV	66572	109957	28.64%	4.702%
3	2.532	228	237	253	rBV	32189	62184	16.20%	2.659%
4	2.953	299	306	318	rBV3	4566	11212	2.92%	0.479%
5	3.849	447	453	464	rBV6	4257	13754	3.58%	0.588%
6	4.007	473	479	488	rVB3	3893	10250	2.67%	0.438%
7	4.562	562	570	580	rBV2	4306	13127	3.42%	0.561%
8	4.897	616	625	637	rBV2	37782	109960	28.64%	4.702%
9	5.952	789	798	815	rBV	41679	112493	29.30%	4.810%
10	6.763	922	931	944	rBV	86533	206551	53.80%	8.832%
11	7.580	1059	1065	1073	rBV3	3790	8329	2.17%	0.356%
12	8.574	1222	1228	1234	rBV	14004	21580	5.62%	0.923%
13	8.647	1234	1240	1246	rVV	157170	252907	65.88%	10.815%
14	8.720	1246	1252	1260	rVB	110570	179629	46.79%	7.681%
15	9.519	1376	1383	1392	rBV	24011	36649	9.55%	1.567%
16	10.055	1465	1471	1485	rVB	161626	229991	59.91%	9.835%
17	10.299	1507	1511	1518	rVB2	2993	4670	1.22%	0.200%
18	10.640	1564	1567	1580	rVB7	2576	6721	1.75%	0.287%
19	10.768	1584	1588	1597	rVB2	7249	10751	2.80%	0.460%
20	10.860	1597	1603	1608	rBV2	6646	10179	2.65%	0.435%
21	11.079	1632	1639	1648	rBV	153460	202327	52.70%	8.652%
22	11.616	1721	1727	1734	rBV3	6119	10896	2.84%	0.466%
23	11.695	1734	1740	1744	rVV3	9524	16766	4.37%	0.717%
24	11.756	1744	1750	1760	rVB3	27627	50706	13.21%	2.168%
25	11.841	1760	1764	1767	rBV3	6373	10056	2.62%	0.430%
26	11.890	1767	1772	1775	rVV	14502	21435	5.58%	0.917%
27	11.927	1775	1778	1782	rVB3	9109	12149	3.16%	0.520%
28	11.969	1782	1785	1789	rVB3	8117	9176	2.39%	0.392%
29	12.012	1789	1792	1795	rBV3	7695	11236	2.93%	0.480%
30	12.042	1795	1797	1801	rVB2	5829	5597	1.46%	0.239%
31	12.091	1801	1805	1809	rBV5	9118	14890	3.88%	0.637%
32	12.244	1824	1830	1832	rBV4	2739	5195	1.35%	0.222%
33	12.597	1880	1888	1898	rBV6	8828	28688	7.47%	1.227%
34	12.768	1912	1916	1920	rBV6	4343	5803	1.51%	0.248%
35	12.817	1920	1924	1928	rBV2	30577	40742	10.61%	1.742%
36	12.853	1928	1930	1934	rVV2	16886	17494	4.56%	0.748%

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

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\624X030524W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

37	12.902	1935	1938	1945	rVB7	3051	5197	1.35%	0.222%
38	13.268	1994	1998	2000	rBV3	2946	4170	1.09%	0.178%
39	13.463	2026	2030	2035	rBV7	3226	5136	1.34%	0.220%
40	13.597	2047	2052	2058	rBV7	5385	11014	2.87%	0.471%
41	13.731	2071	2074	2078	rVB6	5612	6599	1.72%	0.282%
42	14.036	2121	2124	2127	rVB3	4454	4545	1.18%	0.194%
43	14.255	2156	2160	2168	rVB3	9155	13624	3.55%	0.583%
44	14.451	2187	2192	2198	rVB8	3002	5447	1.42%	0.233%
45	14.755	2237	2242	2245	rBV3	4900	5951	1.55%	0.254%
46	14.792	2245	2248	2260	rVB	12344	18965	4.94%	0.811%

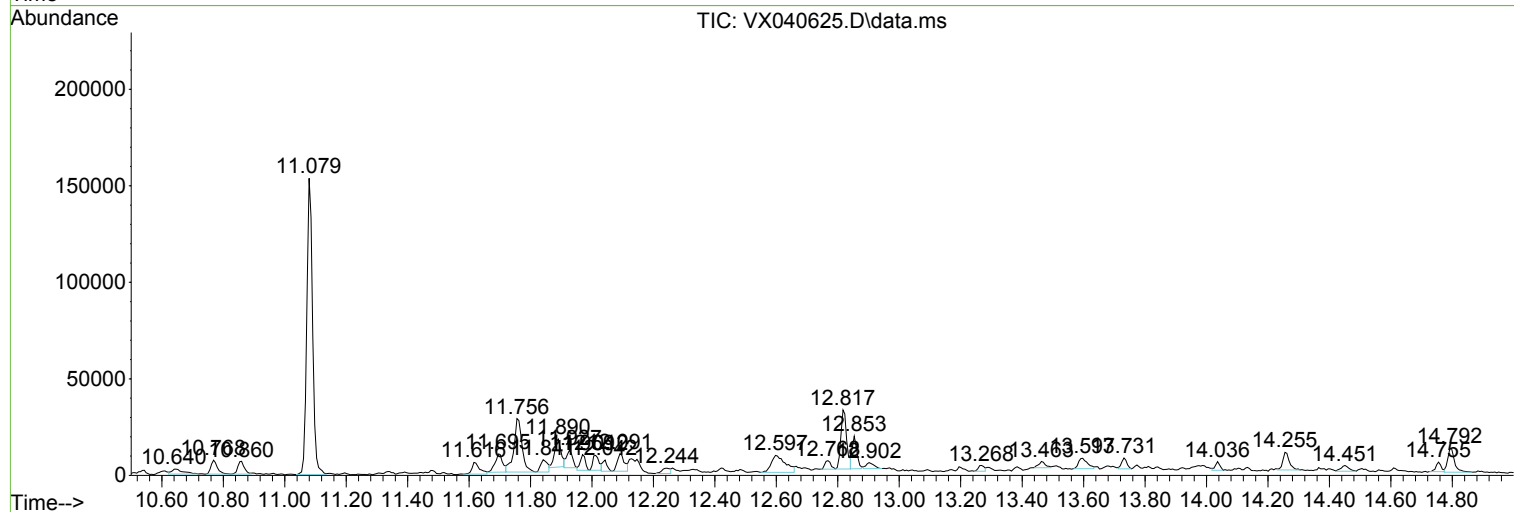
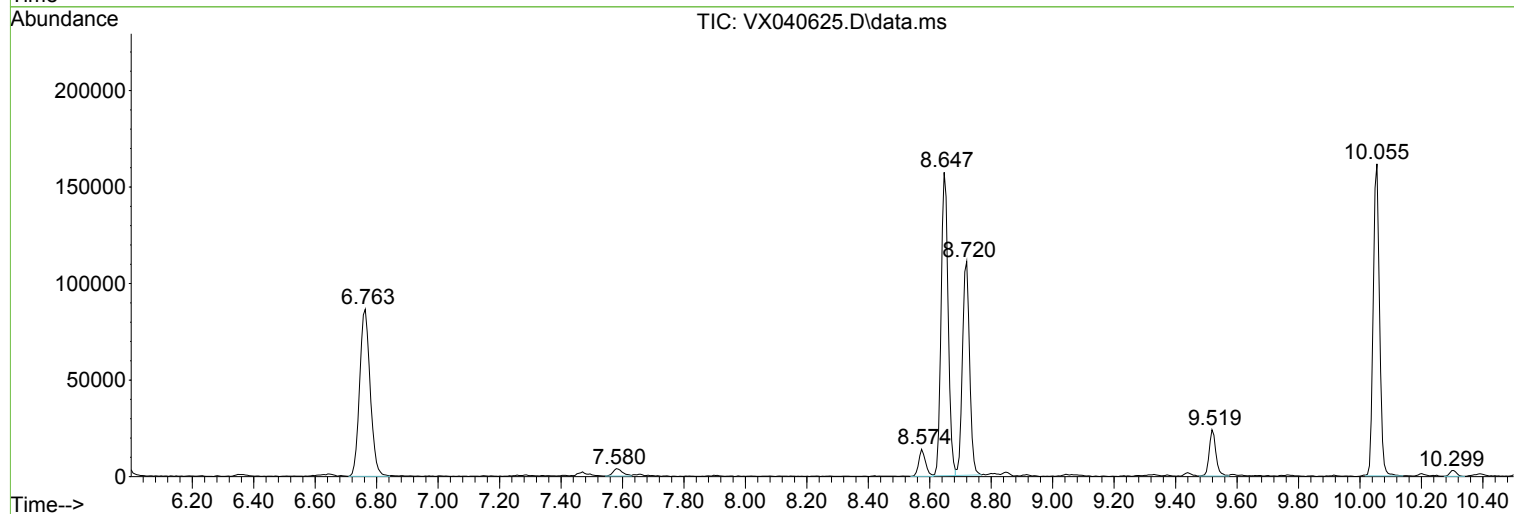
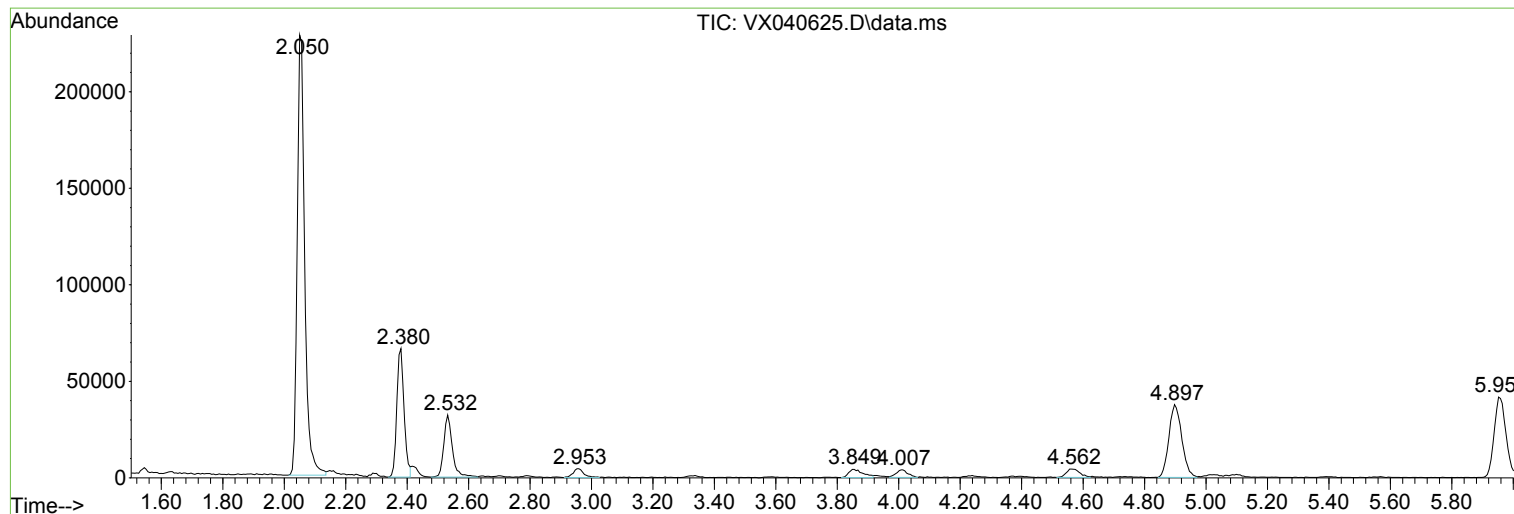
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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Instrument :
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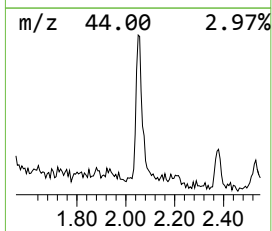
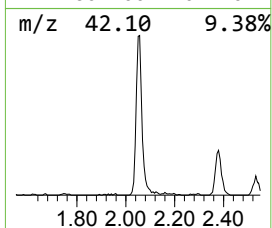
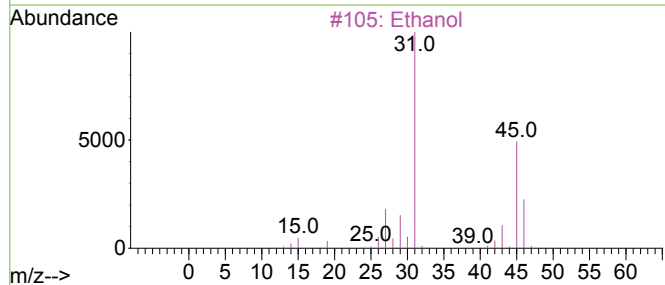
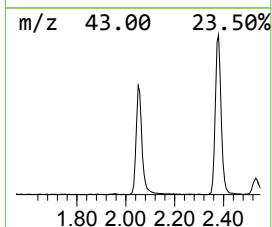
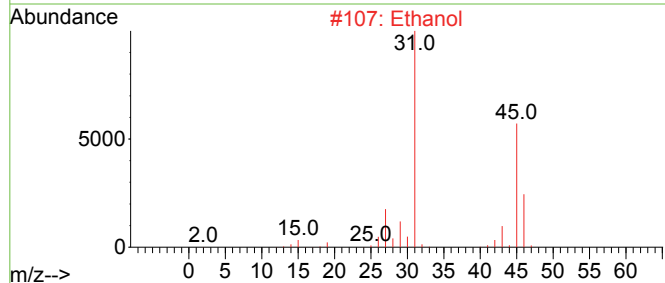
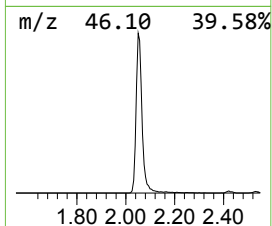
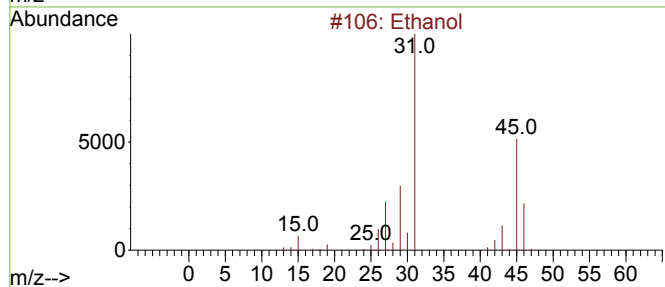
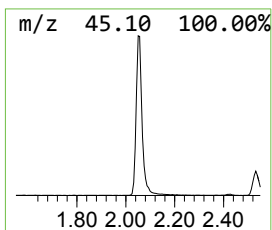
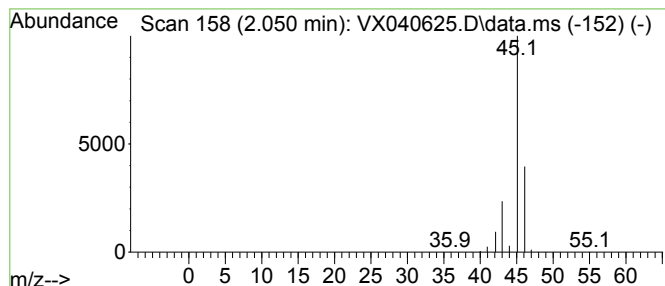
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.050	104.74 ug/l	383891	Bromochloromethane	4.904

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 : 7 Sample Multiplier: 1

Instrument :
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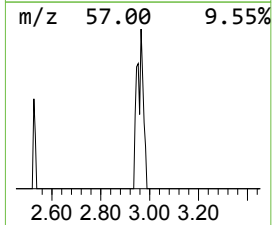
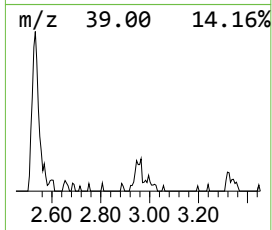
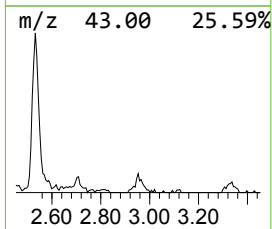
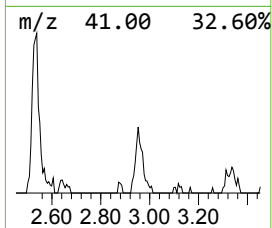
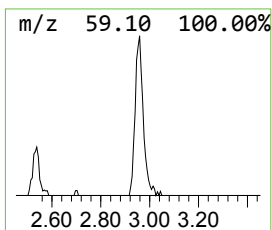
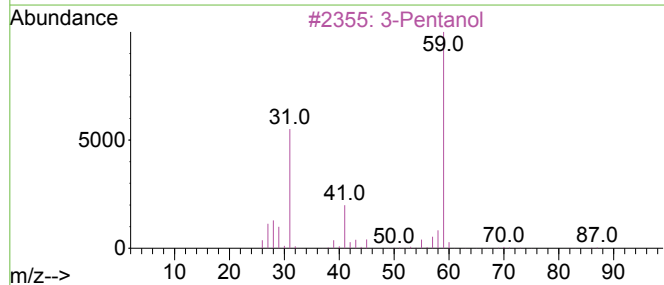
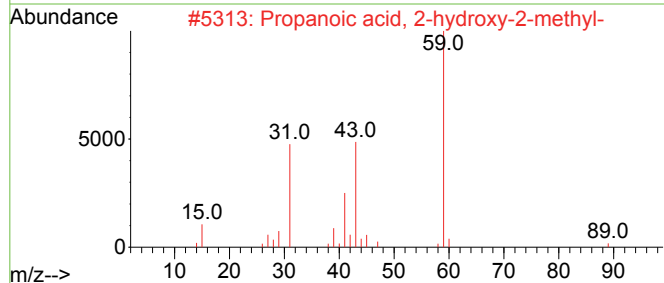
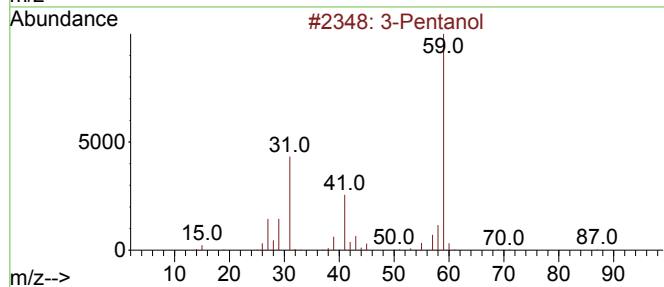
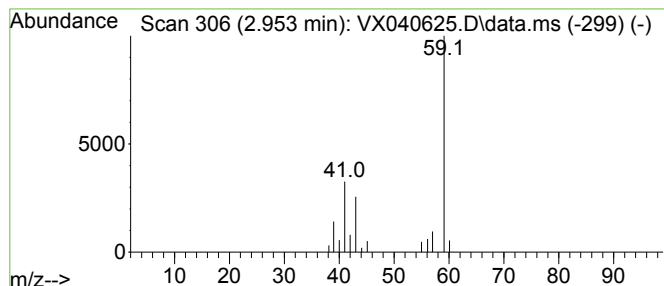
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 2 3-Pentanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.953	3.06 ug/l	11212	Bromochloromethane	4.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanol	88	C5H12O	000584-02-1	74
2			Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	39
3			3-Pentanol	88	C5H12O	000584-02-1	9
4			3-Pentanol	88	C5H12O	000584-02-1	9
5			Acetaldoxime	59	C2H5NO	000107-29-9	5



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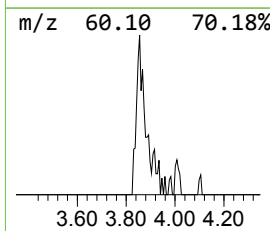
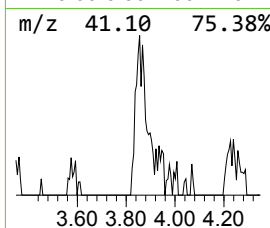
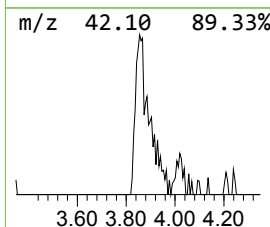
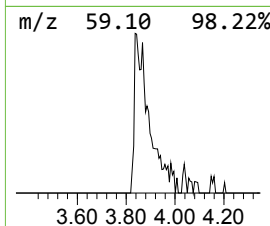
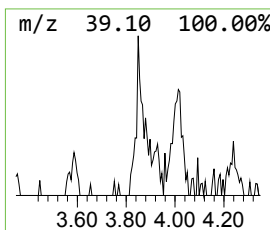
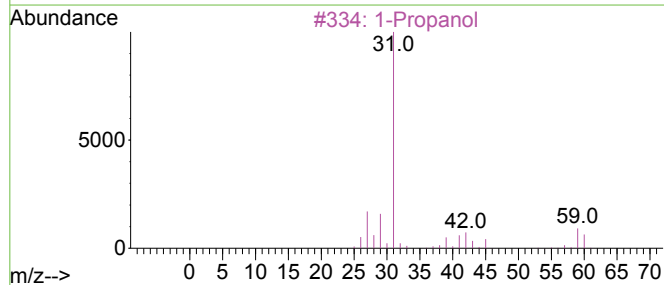
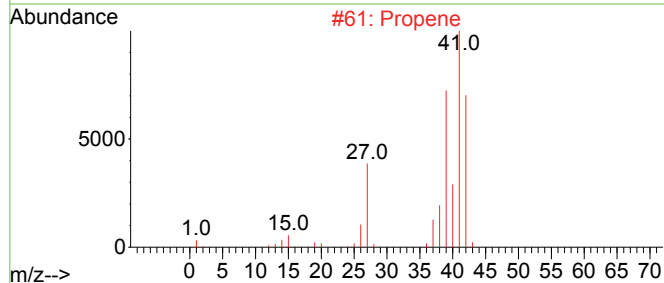
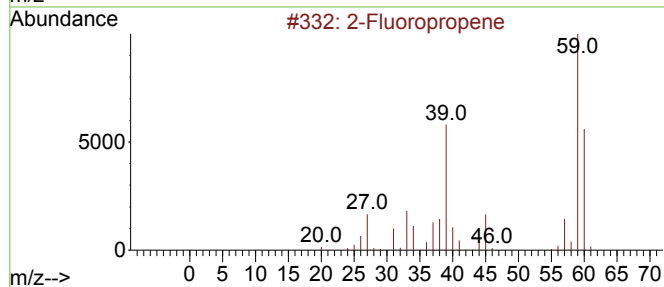
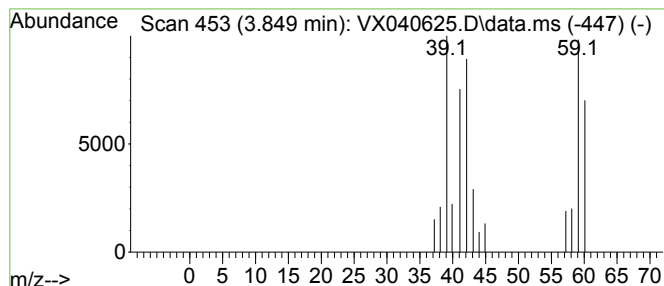
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 3 2-Fluoropropene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.849	3.75 ug/l	13754	Bromochloromethane	4.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Fluoropropene	60	C3H5F	001184-60-7	64
2			Propene	42	C3H6	000115-07-1	45
3			1-Propanol	60	C3H8O	000071-23-8	12
4			1-Propanol	60	C3H8O	000071-23-8	10
5			Cyclopropane	42	C3H6	000075-19-4	10



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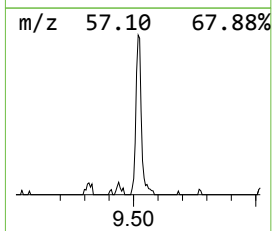
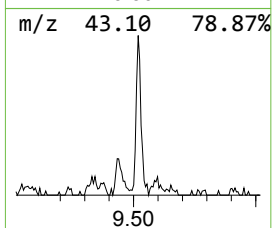
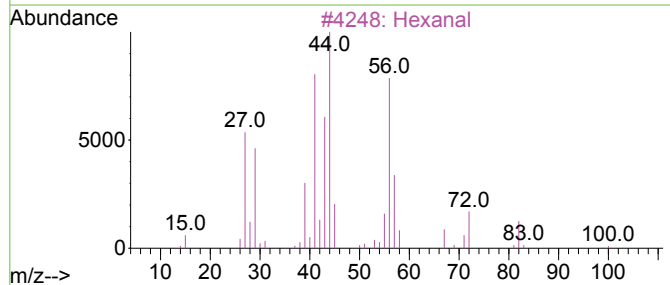
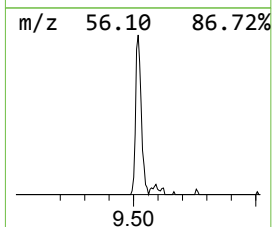
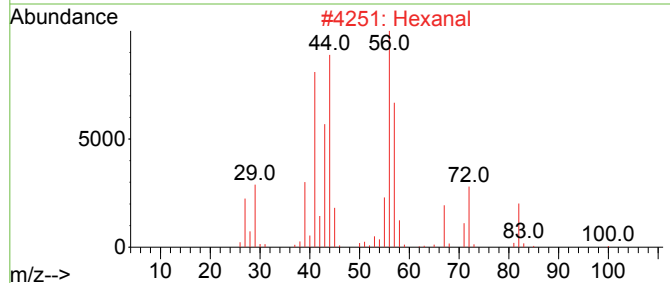
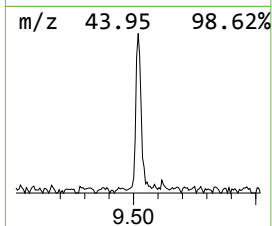
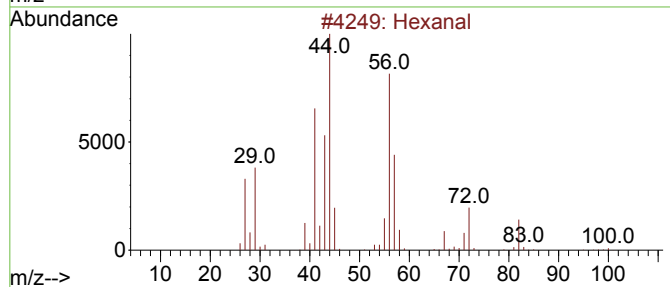
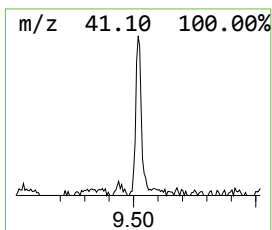
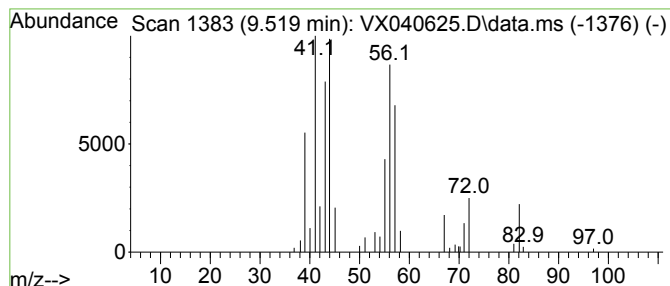
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 4 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.519	4.78 ug/l	36649	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	64
2	Hexanal			100	C6H12O	000066-25-1	64
3	Hexanal			100	C6H12O	000066-25-1	64
4	Hexanal			100	C6H12O	000066-25-1	59
5	Hexanal			100	C6H12O	000066-25-1	53



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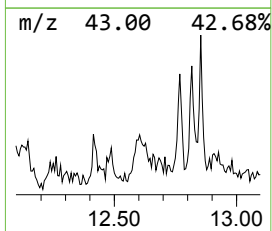
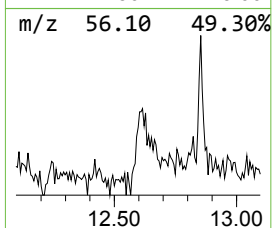
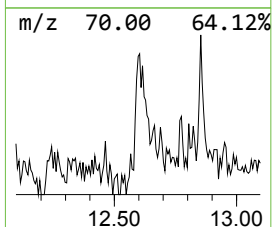
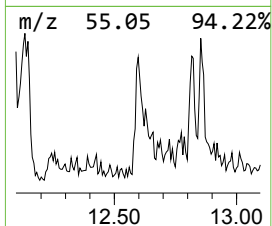
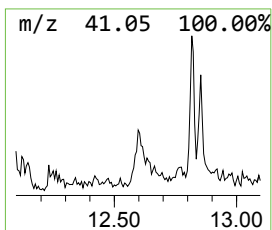
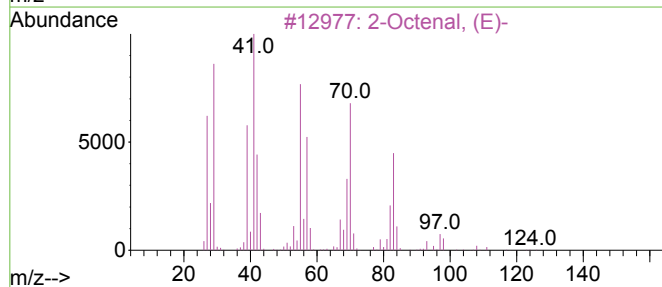
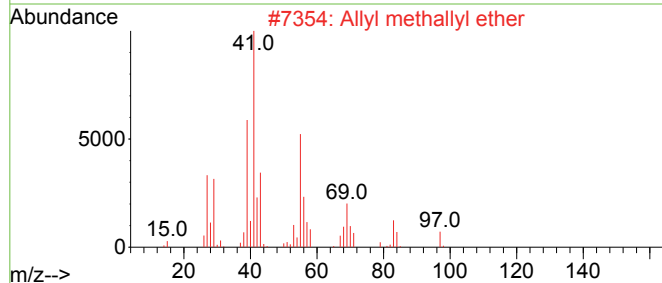
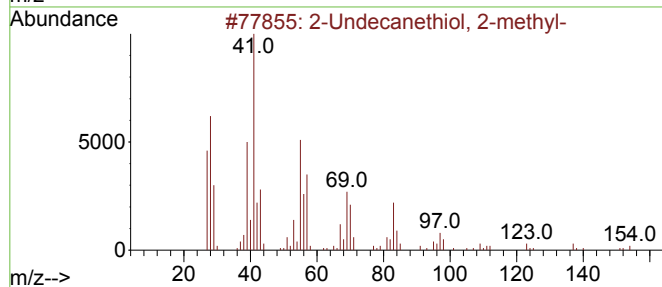
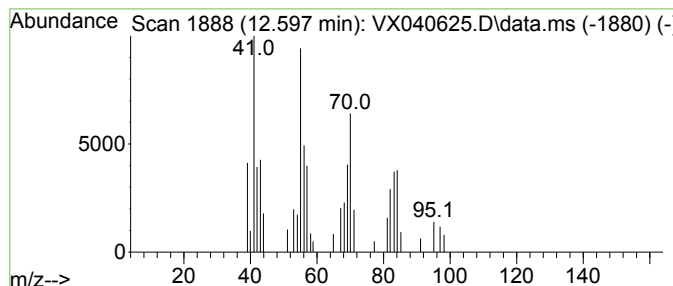
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 5 unknown12.597 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.597	3.74 ug/l	28688	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2	Undecanethiol, 2-methyl-	202	C12H26S	010059-13-9	38	
2	Allyl methallyl ether	112	C7H12O	014289-96-4	38		
3	2-Octenal, (E)-	126	C8H14O	002548-87-0	38		
4	1,5-Pentanediol, 3-methyl-	118	C6H14O2	004457-71-0	37		
5	1,5-Pentanediol, 3-methyl-	118	C6H14O2	004457-71-0	32		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
Data File : VX040625.D
Acq On : 08 Mar 2024 12:25
Operator : JC/MD
Sample : P1689-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

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

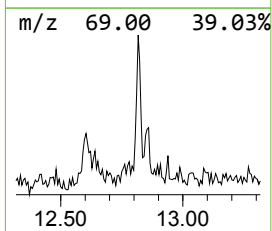
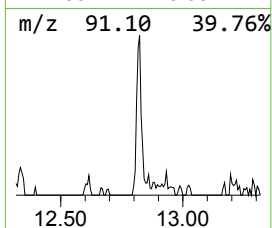
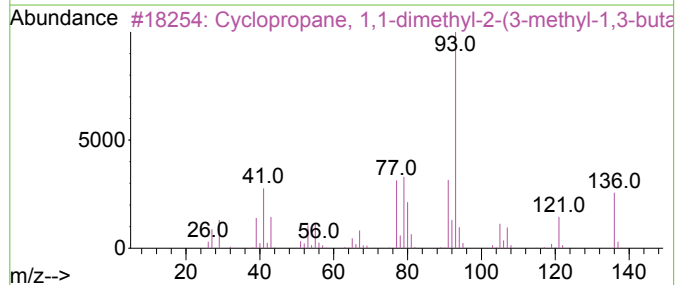
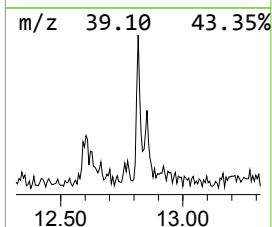
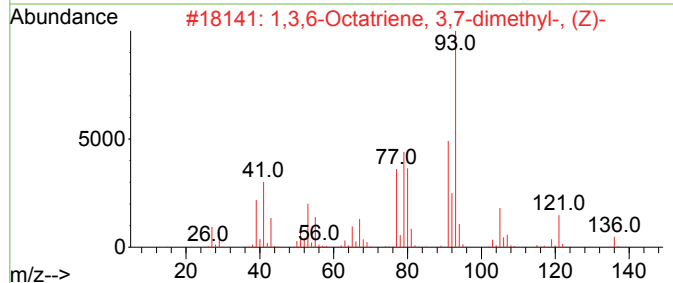
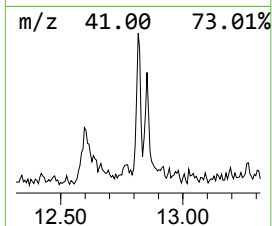
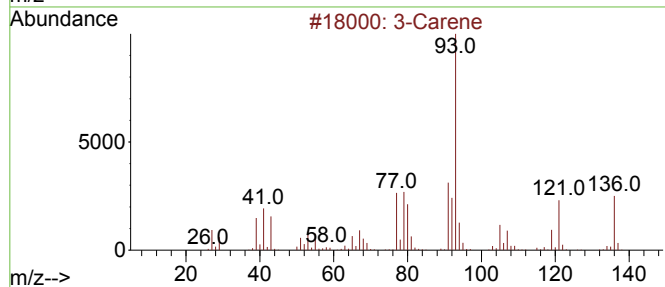
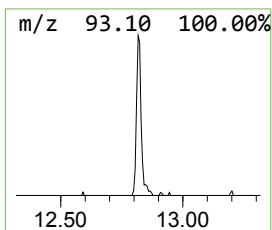
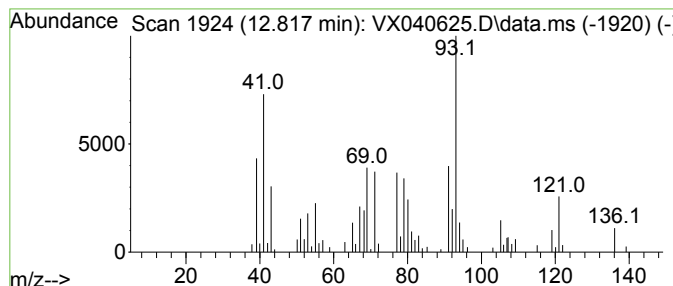
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 6 3-Carene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.817	5.31 ug/l	40742	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Carene	136	C10H16	013466-78-9	86
2			1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	83
3			Cyclopropane, 1,1-dimethyl-2-(3-...	136	C10H16	068998-21-0	81
4			Cyclopentene, 3-isopropenyl-5,5-...	136	C10H16	1000162-25-4	81
5			.beta.-Pinene	136	C10H16	000127-91-3	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
Data File : VX040625.D
Acq On : 08 Mar 2024 12:25
Operator : JC/MD
Sample : P1689-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.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
Ethanol	2.050	104.7	ug/l	383891	1	4.904	109960	30.0
3-Pentanol	2.953	3.1	ug/l	11212	1	4.904	109960	30.0
2-Fluoropropene	3.849	3.8	ug/l	13754	1	4.904	109960	30.0
Hexanal	9.519	4.8	ug/l	36649	3	10.055	229991	30.0
unknown12.597	12.597	3.7	ug/l	28688	3	10.055	229991	30.0
3-Carene	12.817	5.3	ug/l	40742	3	10.055	229991	30.0