

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
 Data File : VX040624.D
 Acq On : 08 Mar 2024 12:02
 Operator : JC/MD
 Sample : P1689-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVD(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: VX040624.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	233364	376053	100.00%	15.309%
2	2.373	205	211	216	rBV	55711	89911	23.91%	3.660%
3	2.532	229	237	247	rBV	28989	57863	15.39%	2.356%
4	2.953	299	306	314	rVB3	4774	9968	2.65%	0.406%
5	3.849	445	453	460	rBV5	4020	11031	2.93%	0.449%
6	4.013	472	480	491	rVB3	3601	9740	2.59%	0.397%
7	4.568	559	571	579	rBV2	4871	14407	3.83%	0.586%
8	4.897	615	625	638	rBV2	42213	125235	33.30%	5.098%
9	5.952	788	798	815	rBV2	47264	127922	34.02%	5.208%
10	6.757	921	930	945	rBV	99726	233633	62.13%	9.511%
11	7.464	1041	1046	1058	rVB4	1702	4313	1.15%	0.176%
12	7.580	1060	1065	1072	rBV3	3845	8037	2.14%	0.327%
13	8.574	1222	1228	1234	rBV	13969	22341	5.94%	0.909%
14	8.647	1234	1240	1246	rVV	202390	313146	83.27%	12.748%
15	8.714	1246	1251	1262	rVB	110922	180288	47.94%	7.339%
16	9.518	1376	1383	1393	rBV	31121	46422	12.34%	1.890%
17	10.055	1465	1471	1481	rVB	203485	289297	76.93%	11.777%
18	10.299	1506	1511	1518	rBV3	2867	4241	1.13%	0.173%
19	10.646	1565	1568	1579	rVV7	2347	5913	1.57%	0.241%
20	10.768	1583	1588	1595	rVB	6556	8925	2.37%	0.363%
21	10.854	1598	1602	1608	rBV3	6375	9527	2.53%	0.388%
22	11.079	1634	1639	1648	rBV	155752	201184	53.50%	8.190%
23	11.622	1715	1728	1734	rBV4	5954	12280	3.27%	0.500%
24	11.695	1734	1740	1743	rVV3	9297	14053	3.74%	0.572%
25	11.756	1747	1750	1760	rVB3	26248	42670	11.35%	1.737%
26	11.841	1760	1764	1767	rBV3	6160	9976	2.65%	0.406%
27	11.884	1767	1771	1775	rVV3	11972	17840	4.74%	0.726%
28	11.927	1775	1778	1782	rVB3	8978	11758	3.13%	0.479%
29	11.969	1782	1785	1788	rVB4	7301	8933	2.38%	0.364%
30	12.006	1788	1791	1795	rBV2	8248	11480	3.05%	0.467%
31	12.042	1795	1797	1800	rVB2	4996	4947	1.32%	0.201%
32	12.091	1800	1805	1808	rBV3	7683	12629	3.36%	0.514%
33	12.250	1825	1831	1837	rBV7	2734	8192	2.18%	0.333%
34	12.597	1881	1888	1899	rBV8	8843	26814	7.13%	1.092%
35	12.768	1912	1916	1920	rBV2	4444	5395	1.43%	0.220%
36	12.817	1920	1924	1928	rBV2	30536	39807	10.59%	1.621%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
Data File : VX040624.D
Acq On : 08 Mar 2024 12:02
Operator : JC/MD
Sample : P1689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(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	12.853	1928	1930	1934	rVB2	15619	16471	4.38%	0.671%
38	13.463	2024	2030	2035	rBV6	4380	9975	2.65%	0.406%
39	13.591	2047	2051	2058	rBV7	5705	11981	3.19%	0.488%
40	13.731	2070	2074	2078	rVB3	5387	6615	1.76%	0.269%
41	14.255	2156	2160	2171	rVB3	8615	12825	3.41%	0.522%
42	14.755	2236	2242	2245	rBV4	4132	5484	1.46%	0.223%
43	14.792	2245	2248	2255	rVB	11885	16928	4.50%	0.689%

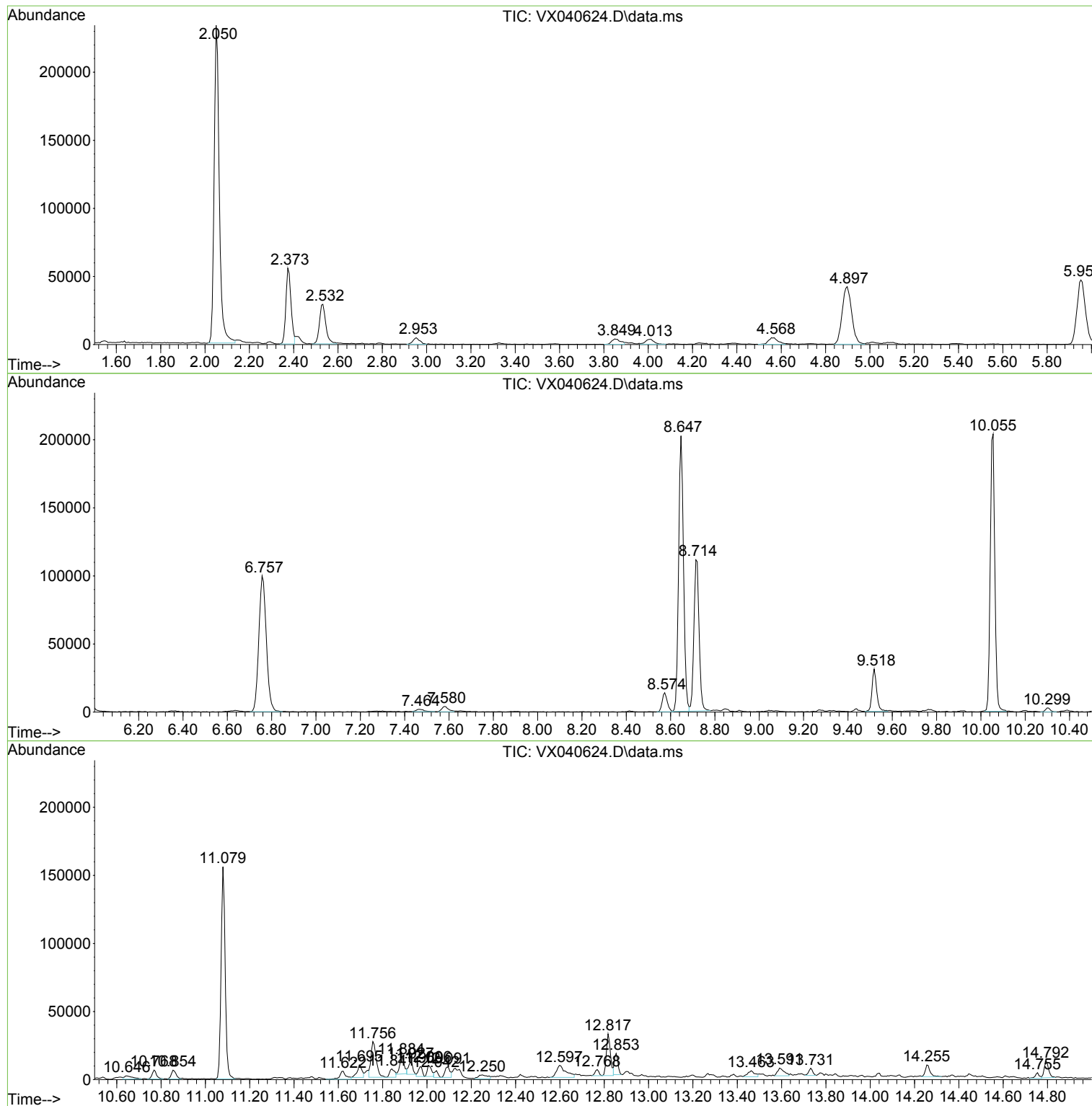
Sum of corrected areas: 2456450

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
Data File : VX040624.D
Acq On : 08 Mar 2024 12:02
Operator : JC/MD
Sample : P1689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
Data File : VX040624.D
Acq On : 08 Mar 2024 12:02
Operator : JC/MD
Sample : P1689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

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

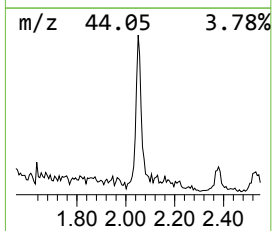
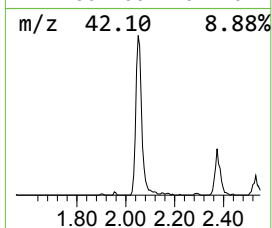
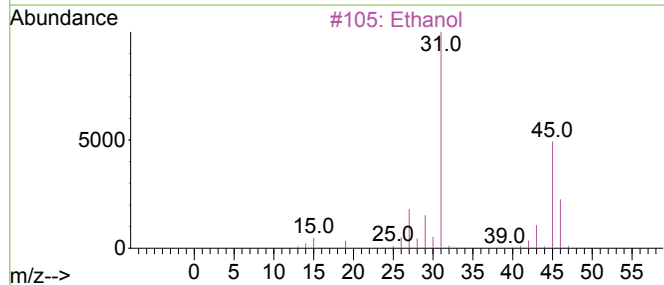
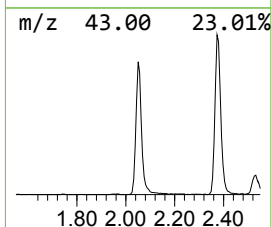
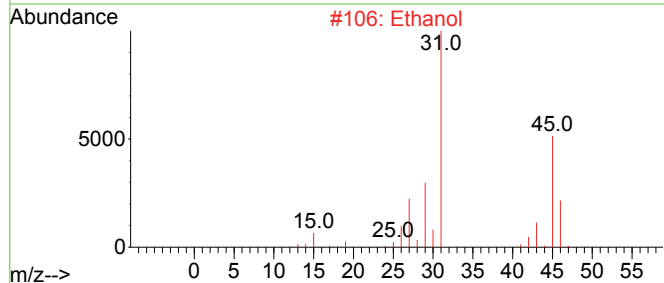
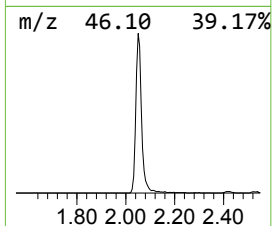
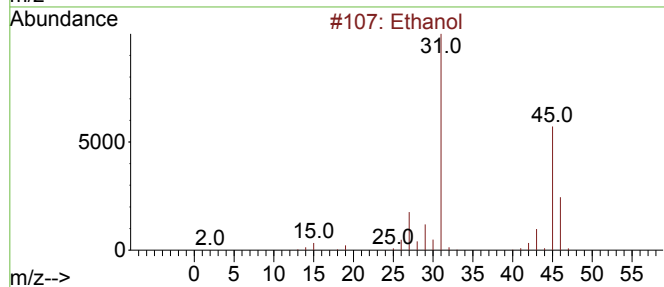
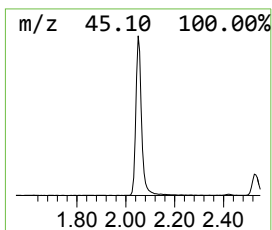
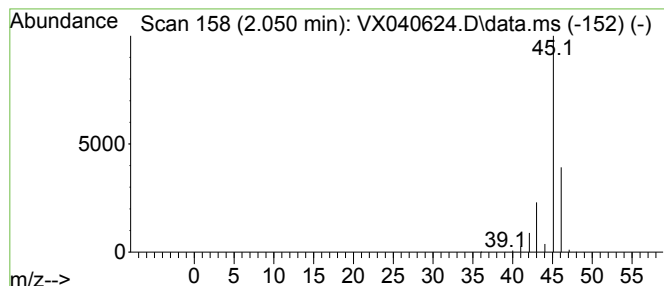
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.050	90.08 ug/l	376053	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	Ethanol			46	C2H6O	000064-17-5	9
5	Dimethyl ether			46	C2H6O	000115-10-6	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
Data File : VX040624.D
Acq On : 08 Mar 2024 12:02
Operator : JC/MD
Sample : P1689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

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

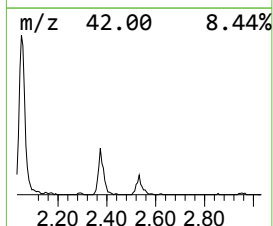
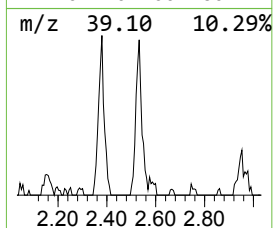
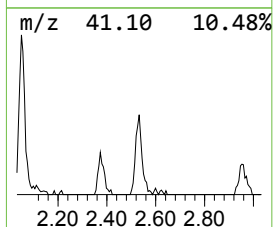
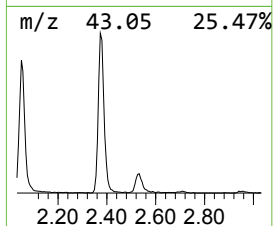
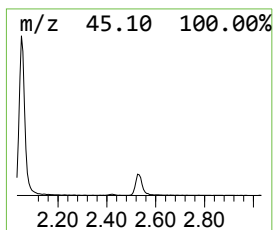
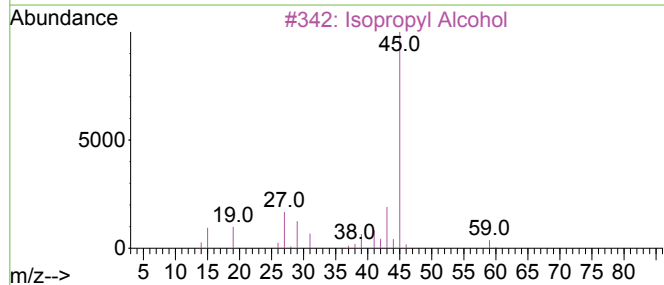
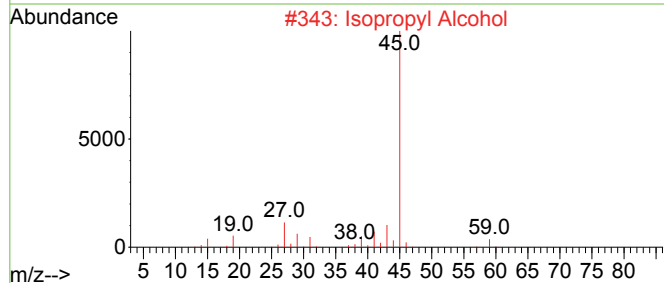
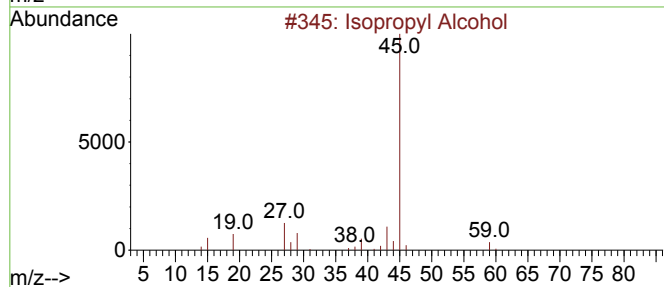
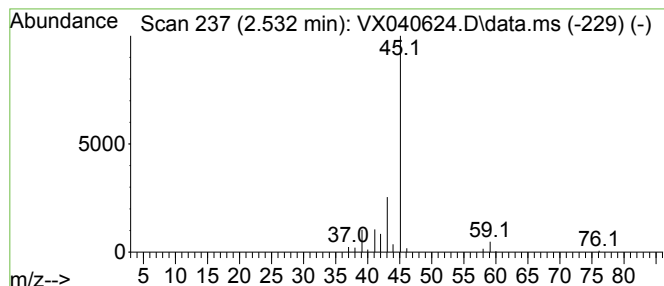
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.532	13.86 ug/l	57863	Bromochloromethane	4.897

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	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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
Data File : VX040624.D
Acq On : 08 Mar 2024 12:02
Operator : JC/MD
Sample : P1689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

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

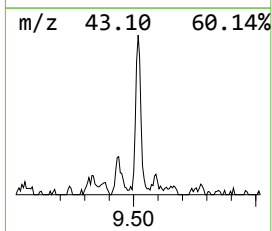
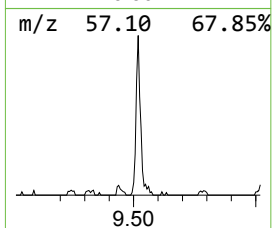
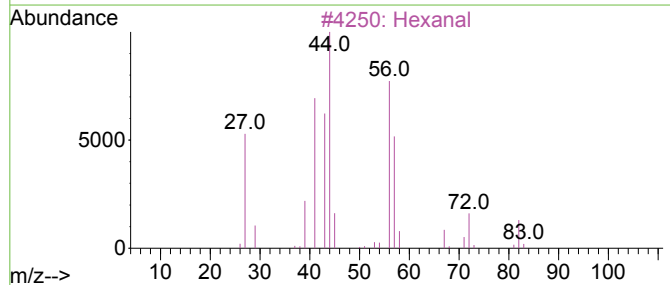
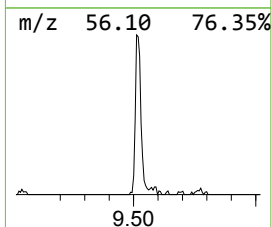
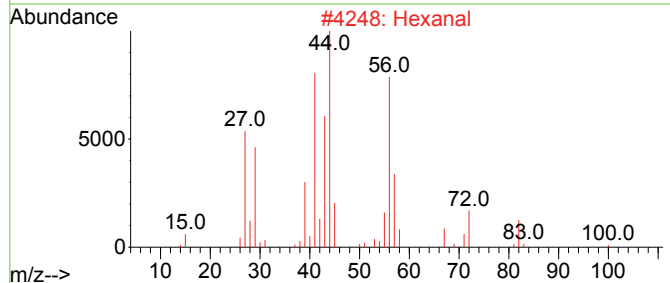
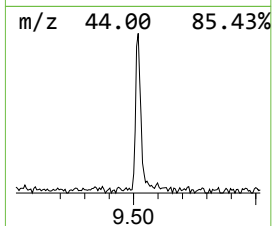
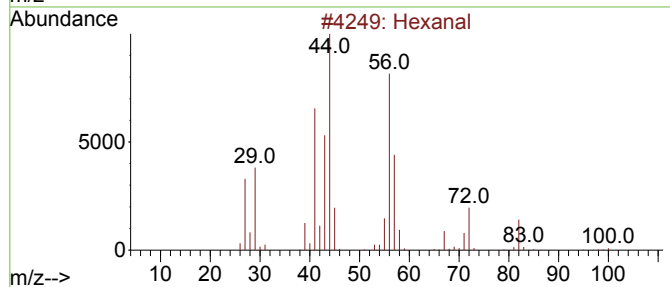
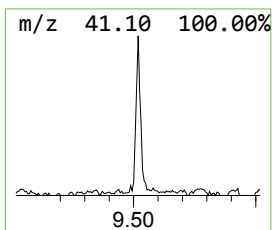
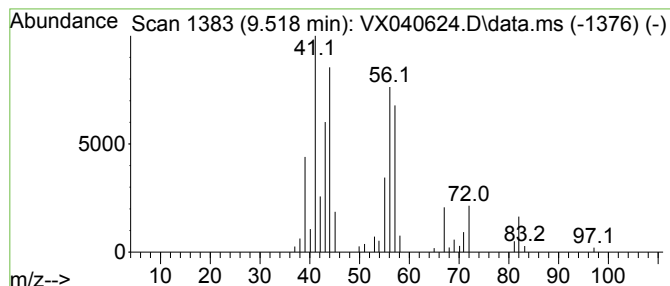
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 3 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.518	4.81 ug/l	46422	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	59
2	Hexanal			100	C6H12O	000066-25-1	53
3	Hexanal			100	C6H12O	000066-25-1	53
4	Hexanal			100	C6H12O	000066-25-1	45
5	1-Pentene, 2-methyl-			84	C6H12	000763-29-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
Data File : VX040624.D
Acq On : 08 Mar 2024 12:02
Operator : JC/MD
Sample : P1689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

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

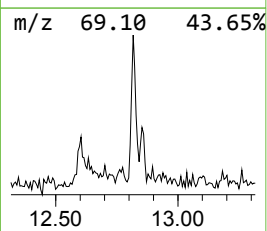
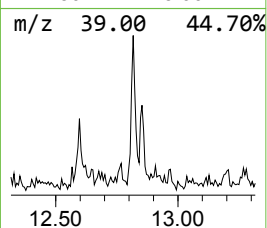
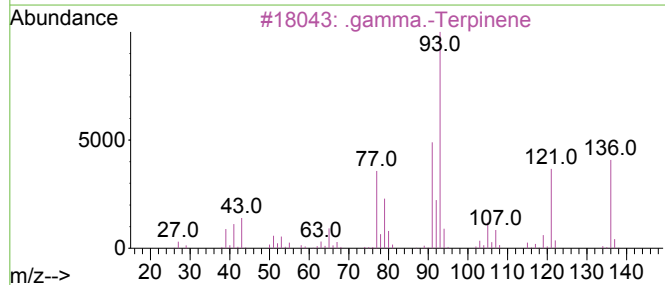
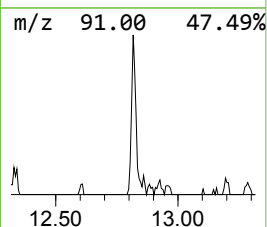
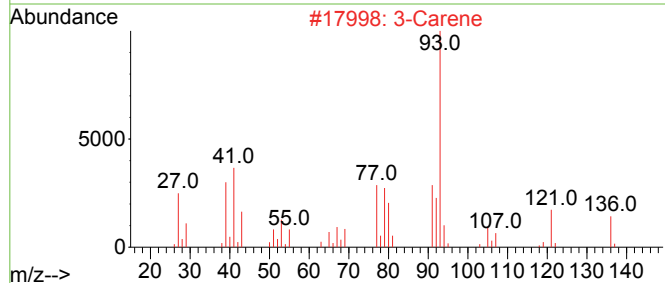
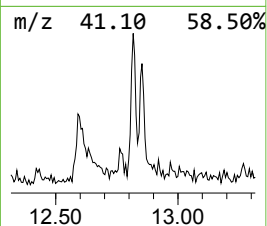
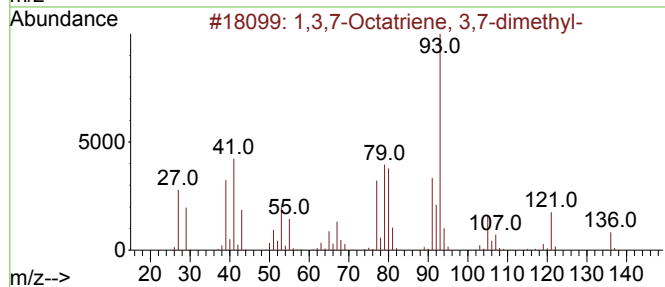
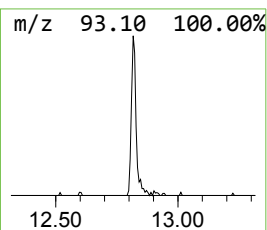
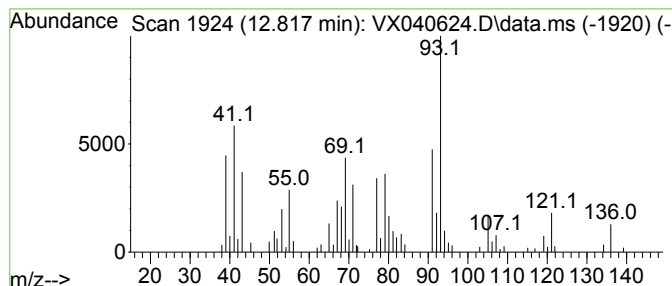
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 4 1,3,7-Octatriene, 3,7-dimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.817	4.13 ug/l	39807	Chlorobenzene-d5	10.055

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	89
2		3-Carene	136	C10H16	013466-78-9	81
3		.gamma.-Terpinene	136	C10H16	000099-85-4	76
4		(+)-4-Carene	136	C10H16	029050-33-7	70
5		.gamma.-Terpinene	136	C10H16	000099-85-4	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
Data File : VX040624.D
Acq On : 08 Mar 2024 12:02
Operator : JC/MD
Sample : P1689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(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	90.1	ug/l	376053	1	4.897	125235	30.0
Isopropyl Alcohol	2.532	13.9	ug/l	57863	1	4.897	125235	30.0
Hexanal	9.518	4.8	ug/l	46422	3	10.055	289297	30.0
1,3,7-Octatrien...	12.817	4.1	ug/l	39807	3	10.055	289297	30.0