

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011223\
 Data File : VX033708.D
 Acq On : 12 Jan 2023 13:15
 Operator : JC/MD
 Sample : 01131-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230111062-02-VOA

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\624X010723W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX033708.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.843	121	124	129	rVB2	3124	4453	1.08%	0.135%
2	1.953	139	142	150	rVB2	3045	6097	1.48%	0.185%
3	2.129	166	171	182	rBV	25601	39022	9.44%	1.182%
4	2.391	205	214	228	rBV	21850	38508	9.32%	1.166%
5	3.001	300	314	328	rBV2	32748	152791	36.96%	4.626%
6	4.568	551	571	591	rBV	70987	271234	65.62%	8.212%
7	4.897	616	625	634	rBV2	28300	82074	19.86%	2.485%
8	5.007	634	643	664	rVB	126052	413345	100.00%	12.515%
9	5.952	788	798	807	rBV	33515	90450	21.88%	2.739%
10	6.037	807	812	825	rVB2	7512	20046	4.85%	0.607%
11	6.263	840	849	856	rBV7	3075	10797	2.61%	0.327%
12	6.342	856	862	879	rVB4	3280	12096	2.93%	0.366%
13	6.763	921	931	943	rBV	84469	203341	49.19%	6.157%
14	7.702	1078	1085	1102	rVB3	5266	19723	4.77%	0.597%
15	7.903	1111	1118	1127	rVB4	4731	9595	2.32%	0.291%
16	8.567	1222	1227	1234	rVB4	3791	7951	1.92%	0.241%
17	8.646	1234	1240	1247	rBV	161889	248004	60.00%	7.509%
18	8.720	1247	1252	1260	rVB3	12678	23134	5.60%	0.700%
19	8.805	1260	1266	1271	rBV2	8699	14217	3.44%	0.430%
20	8.896	1276	1281	1289	rVB2	3196	5908	1.43%	0.179%
21	9.244	1331	1338	1345	rBV	4584	7936	1.92%	0.240%
22	9.378	1353	1360	1368	rBV	14588	24487	5.92%	0.741%
23	9.494	1374	1379	1385	rBV	12919	20170	4.88%	0.611%
24	9.561	1385	1390	1396	rVB4	3584	6909	1.67%	0.209%
25	9.945	1449	1453	1459	rBV3	3962	6362	1.54%	0.193%
26	10.055	1460	1471	1484	rBV2	212698	402324	97.33%	12.182%
27	10.195	1489	1494	1506	rVV	46970	73177	17.70%	2.216%
28	10.299	1506	1511	1517	rVV	45841	66458	16.08%	2.012%
29	10.372	1517	1523	1527	rVB	4016	5681	1.37%	0.172%
30	10.640	1563	1567	1576	rVB	41300	56072	13.57%	1.698%
31	10.963	1613	1620	1625	rVB2	8604	13448	3.25%	0.407%
32	11.079	1634	1639	1645	rBV	203168	265209	64.16%	8.030%
33	11.170	1651	1654	1660	rVB4	5998	9488	2.30%	0.287%
34	11.305	1672	1676	1683	rVV5	5242	9672	2.34%	0.293%
35	11.372	1683	1687	1696	rVV2	9142	20618	4.99%	0.624%
36	11.451	1696	1700	1707	rVB2	7109	10034	2.43%	0.304%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011223\
 Data File : VX033708.D
 Acq On : 12 Jan 2023 13:15
 Operator : JC/MD
 Sample : 01131-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230111062-02-VOA

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\624X010723W.M
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

37	11.567	1715	1719	1722	rBV2	3145	4674	1.13%	0.142%
38	11.615	1722	1727	1735	rVB	19708	28741	6.95%	0.870%
39	11.750	1744	1749	1754	rVB	15567	20849	5.04%	0.631%
40	11.890	1767	1772	1779	rVB2	20349	28373	6.86%	0.859%
41	11.969	1779	1785	1787	rBV5	3428	4530	1.10%	0.137%
42	12.006	1787	1791	1793	rBV2	13376	17465	4.23%	0.529%
43	12.042	1793	1797	1801	rVV	108668	136485	33.02%	4.132%
44	12.085	1801	1804	1810	rVV	10472	14710	3.56%	0.445%
45	12.243	1825	1830	1834	rBV	43375	55524	13.43%	1.681%
46	12.335	1839	1845	1852	rVB2	10713	21276	5.15%	0.644%
47	12.414	1852	1858	1863	rBV6	7003	13945	3.37%	0.422%
48	12.463	1863	1866	1872	rVB2	2335	4537	1.10%	0.137%
49	12.536	1872	1878	1887	rVB4	4855	11274	2.73%	0.341%
50	12.615	1887	1891	1894	rVB	8369	9375	2.27%	0.284%
51	12.670	1894	1900	1902	rBV4	4023	6674	1.61%	0.202%
52	12.701	1902	1905	1911	rVB2	6925	11151	2.70%	0.338%
53	12.768	1911	1916	1920	rVB5	4811	6945	1.68%	0.210%
54	12.841	1923	1928	1931	rBV5	3537	5568	1.35%	0.169%
55	12.908	1931	1939	1945	rBV2	34549	57628	13.94%	1.745%
56	12.963	1945	1948	1952	rVB3	9164	11538	2.79%	0.349%
57	13.164	1978	1981	1987	rVV6	3765	6431	1.56%	0.195%
58	13.231	1987	1992	1997	rVV5	4070	6913	1.67%	0.209%
59	13.286	1997	2001	2006	rVV2	19030	26354	6.38%	0.798%
60	13.329	2006	2008	2012	rVV5	3930	6058	1.47%	0.183%
61	13.426	2019	2024	2028	rVV3	10799	14234	3.44%	0.431%
62	13.475	2028	2032	2035	rVV	23563	32159	7.78%	0.974%
63	13.511	2035	2038	2047	rVV2	18172	27154	6.57%	0.822%
64	13.585	2047	2050	2055	rVB4	3332	5215	1.26%	0.158%
65	13.780	2077	2082	2087	rBV	4610	6245	1.51%	0.189%
66	13.932	2101	2107	2114	rBV7	5924	13589	3.29%	0.411%
67	14.237	2149	2157	2166	rVB7	2094	5367	1.30%	0.163%
68	14.664	2220	2227	2235	rVB2	5493	10922	2.64%	0.331%

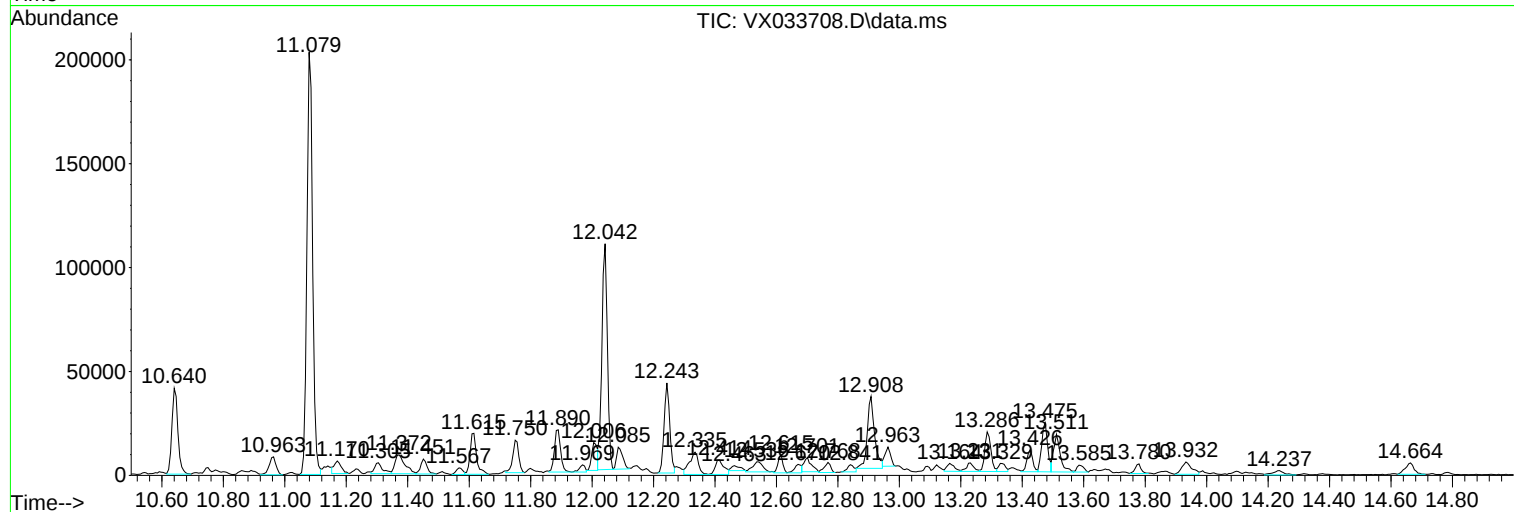
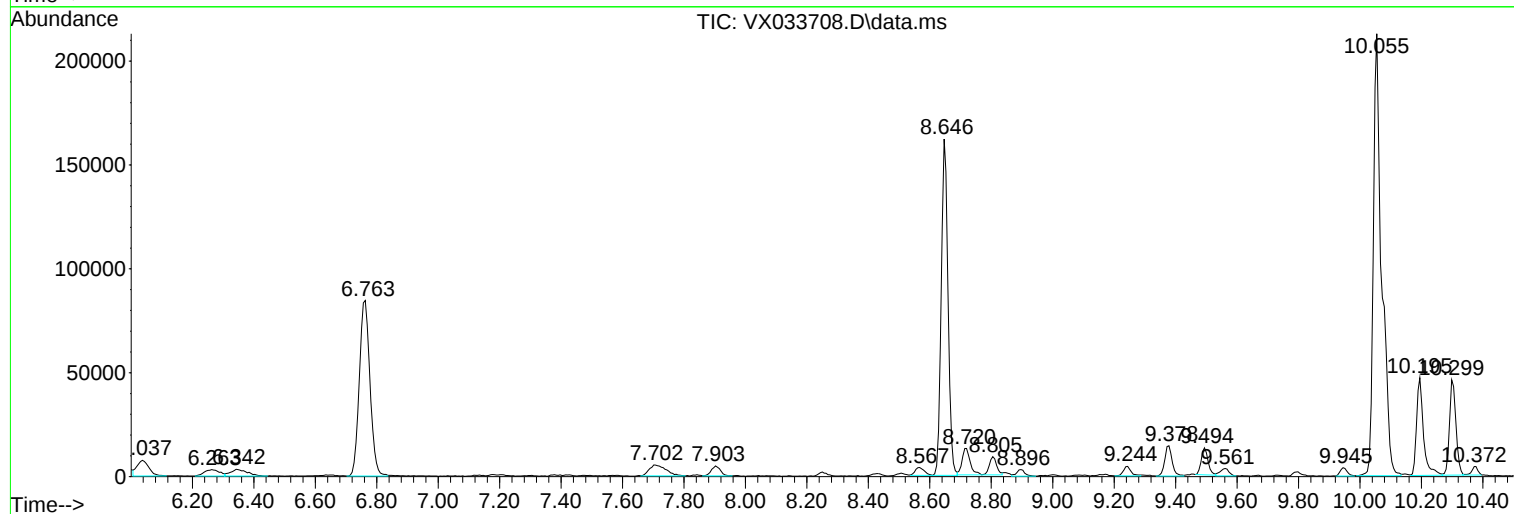
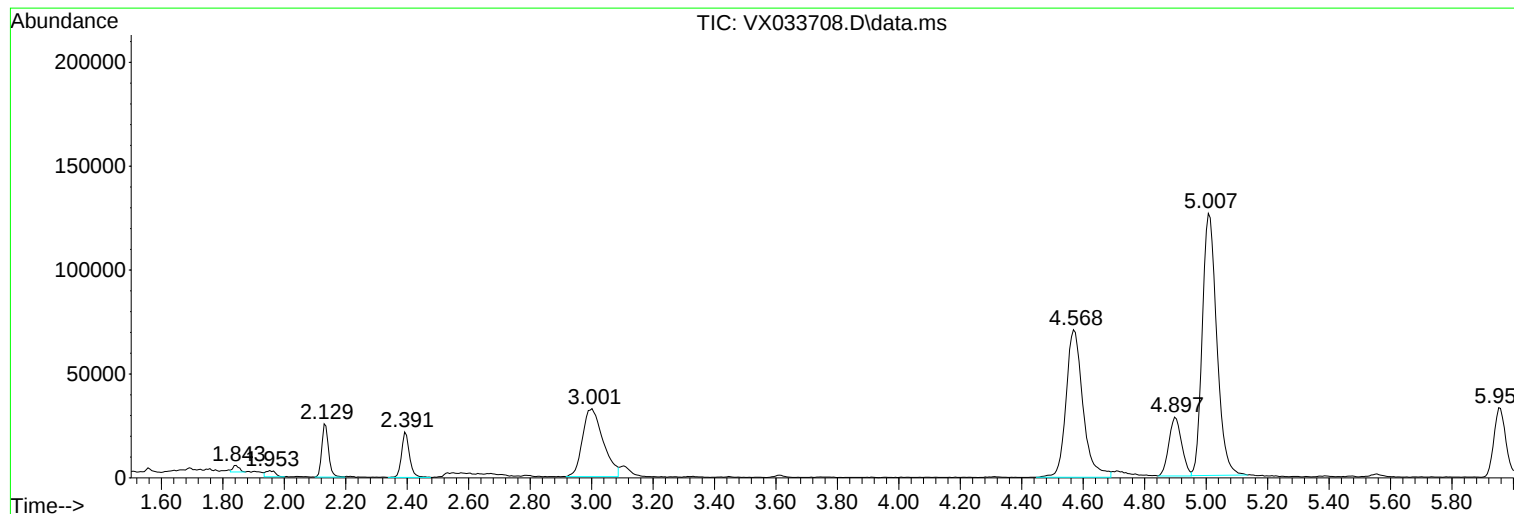
Sum of corrected areas: 3302734

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011223\
Data File : VX033708.D
Acq On : 12 Jan 2023 13:15
Operator : JC/MD
Sample : 01131-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
230111062-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.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\VX011223\
Data File : VX033708.D
Acq On : 12 Jan 2023 13:15
Operator : JC/MD
Sample : 01131-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
230111062-02-VOA

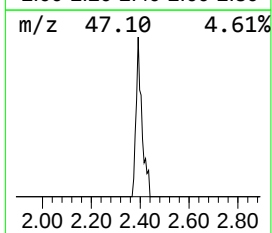
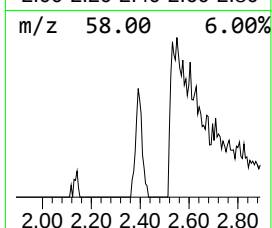
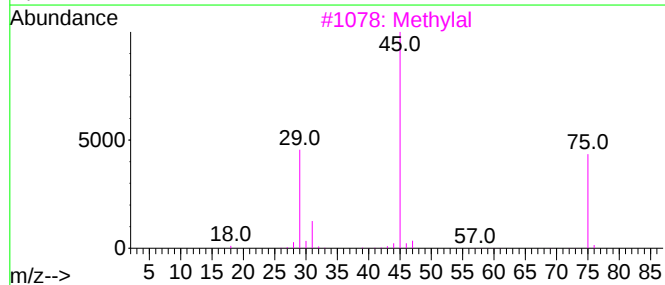
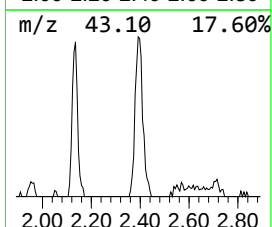
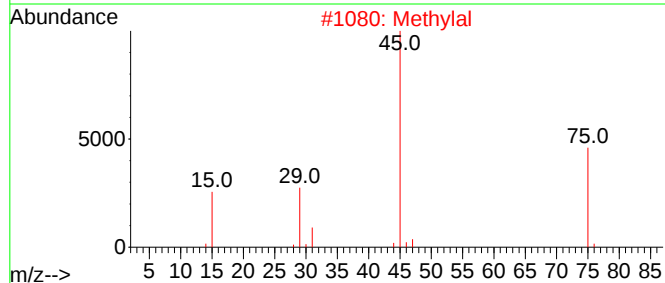
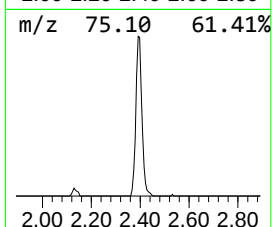
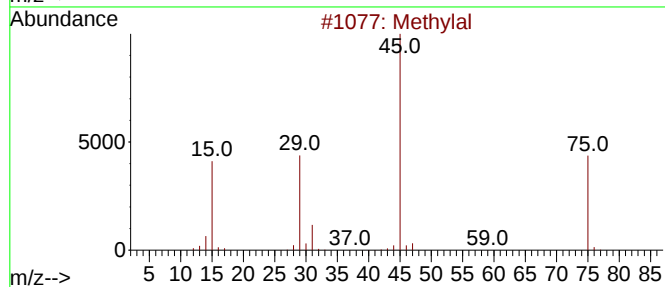
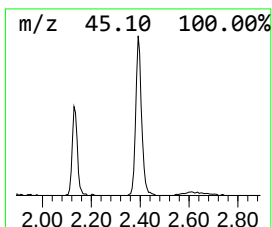
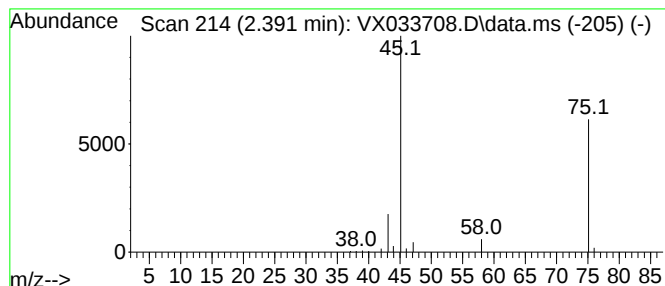
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Methylal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.391	14.08 ug/l	38508	Bromochloromethane	4.897

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylal			76	C3H8O2	000109-87-5	90
2	Methylal			76	C3H8O2	000109-87-5	83
3	Methylal			76	C3H8O2	000109-87-5	83
4	Methylal			76	C3H8O2	000109-87-5	40
5	Methanamine, N,N-dimethyl-, N-oxide			75	C3H9NO	001184-78-7	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011223\
Data File : VX033708.D
Acq On : 12 Jan 2023 13:15
Operator : JC/MD
Sample : 01131-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
230111062-02-VOA

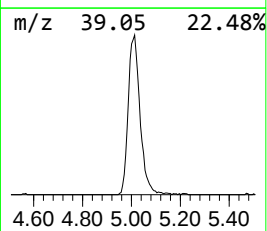
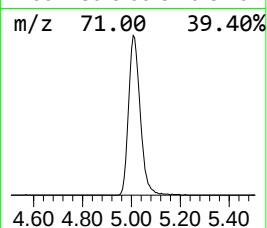
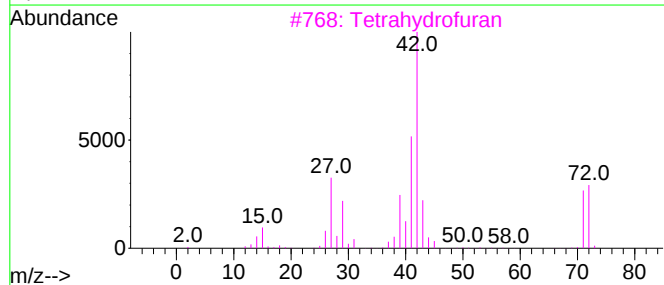
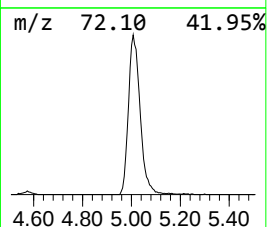
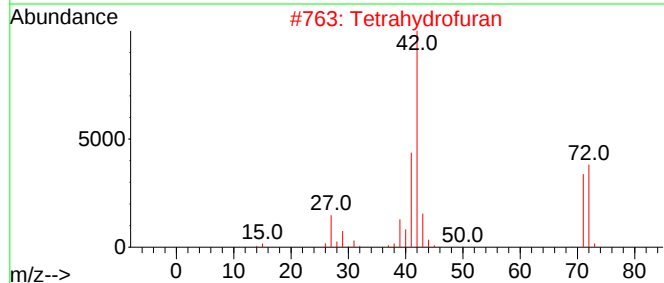
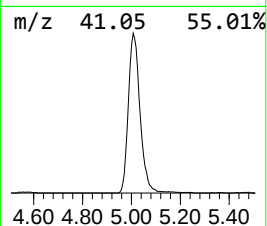
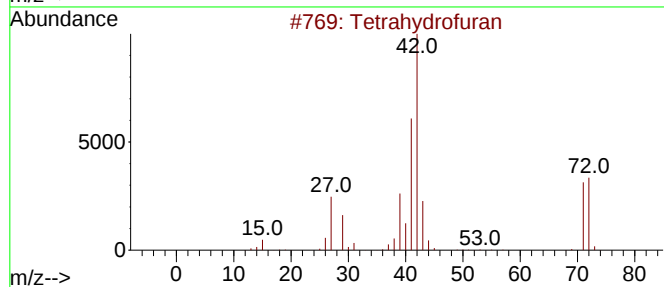
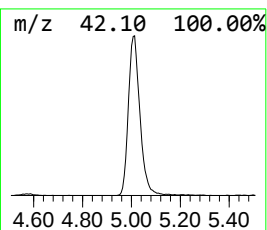
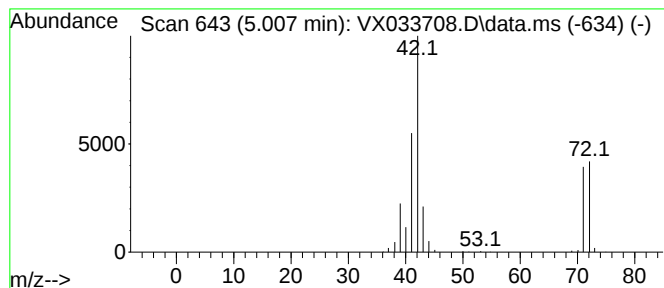
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 3 Tetrahydrofuran Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.007	151.09 ug/l	413345	Bromochloromethane	4.897

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetrahydrofuran	72	C4H8O	000109-99-9	91
2			Tetrahydrofuran	72	C4H8O	000109-99-9	90
3			Tetrahydrofuran	72	C4H8O	000109-99-9	83
4			Tetrahydrofuran	72	C4H8O	000109-99-9	78
5			1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011223\
Data File : VX033708.D
Acq On : 12 Jan 2023 13:15
Operator : JC/MD
Sample : 01131-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
230111062-02-VOA

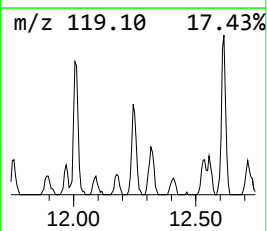
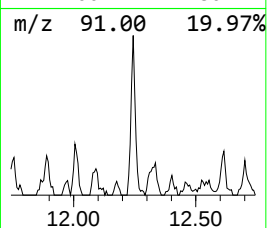
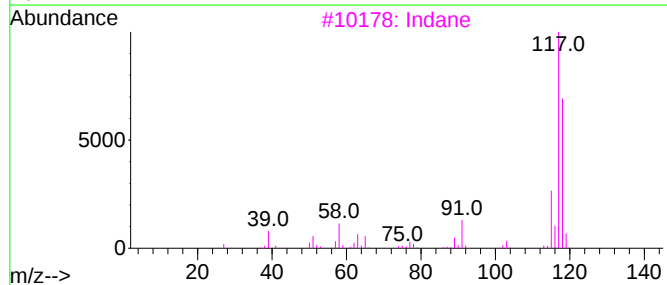
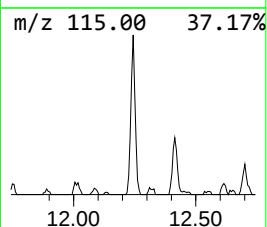
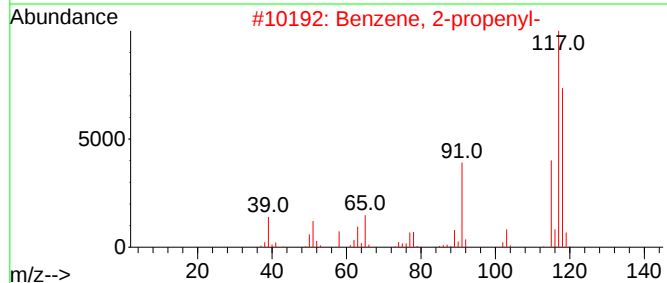
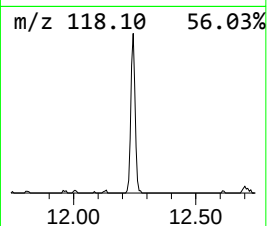
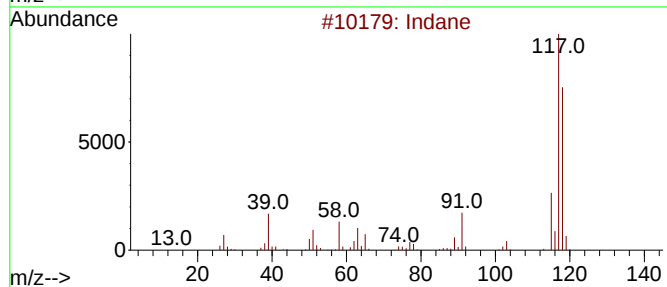
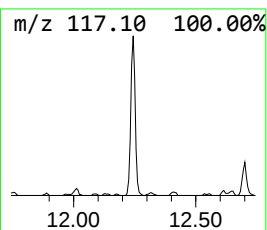
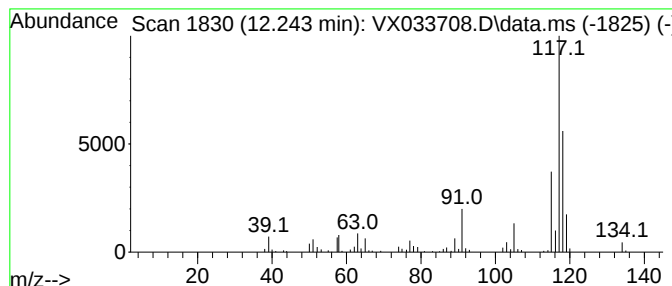
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 4 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.243	4.14 ug/l	55524	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3	Indane	118	C9H10	000496-11-7	76
4	Indane	118	C9H10	000496-11-7	76
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011223\
Data File : VX033708.D
Acq On : 12 Jan 2023 13:15
Operator : JC/MD
Sample : 01131-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
230111062-02-VOA

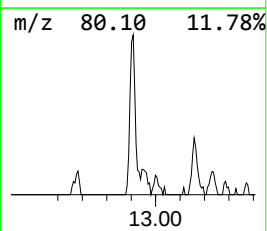
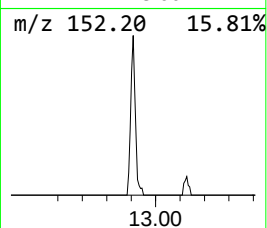
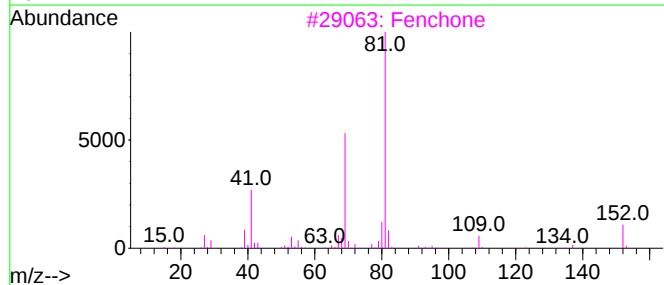
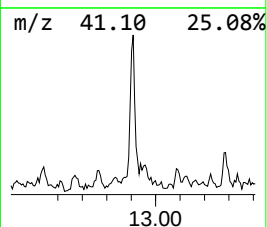
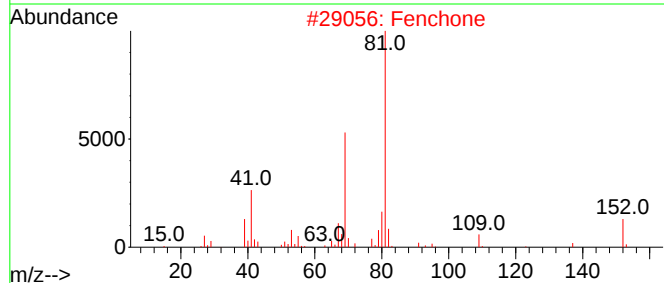
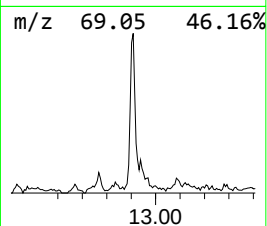
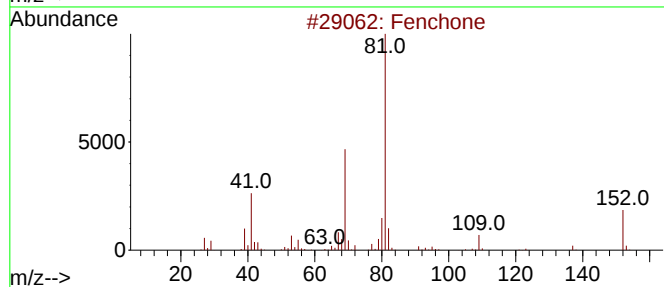
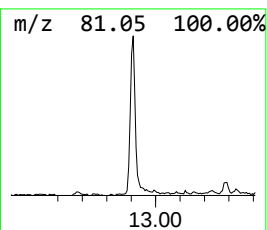
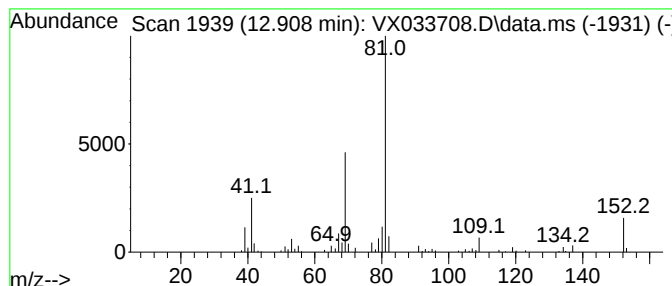
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 5 Fenchone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.908	4.30 ug/l	57628	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fenchone	152	C10H16O	001195-79-5	94
2			Fenchone	152	C10H16O	001195-79-5	91
3			Fenchone	152	C10H16O	001195-79-5	91
4			D-Fenchone	152	C10H16O	004695-62-9	91
5			L-Fenchone	152	C10H16O	007787-20-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011223\
Data File : VX033708.D
Acq On : 12 Jan 2023 13:15
Operator : JC/MD
Sample : 01131-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
230111062-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.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
Methylal	2.391	14.1	ug/l	38508	1	4.897	82074	30.0
Tetrahydrofuran	5.007	151.1	ug/l	413345	1	4.897	82074	30.0
Indane	12.243	4.1	ug/l	55524	3	10.055	402324	30.0
Fenchone	12.908	4.3	ug/l	57628	3	10.055	402324	30.0