

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013025\
 Data File : VX044775.D
 Acq On : 30 Jan 2025 12:00
 Operator : JC/MD
 Sample : Q1212-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 30 12:26:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

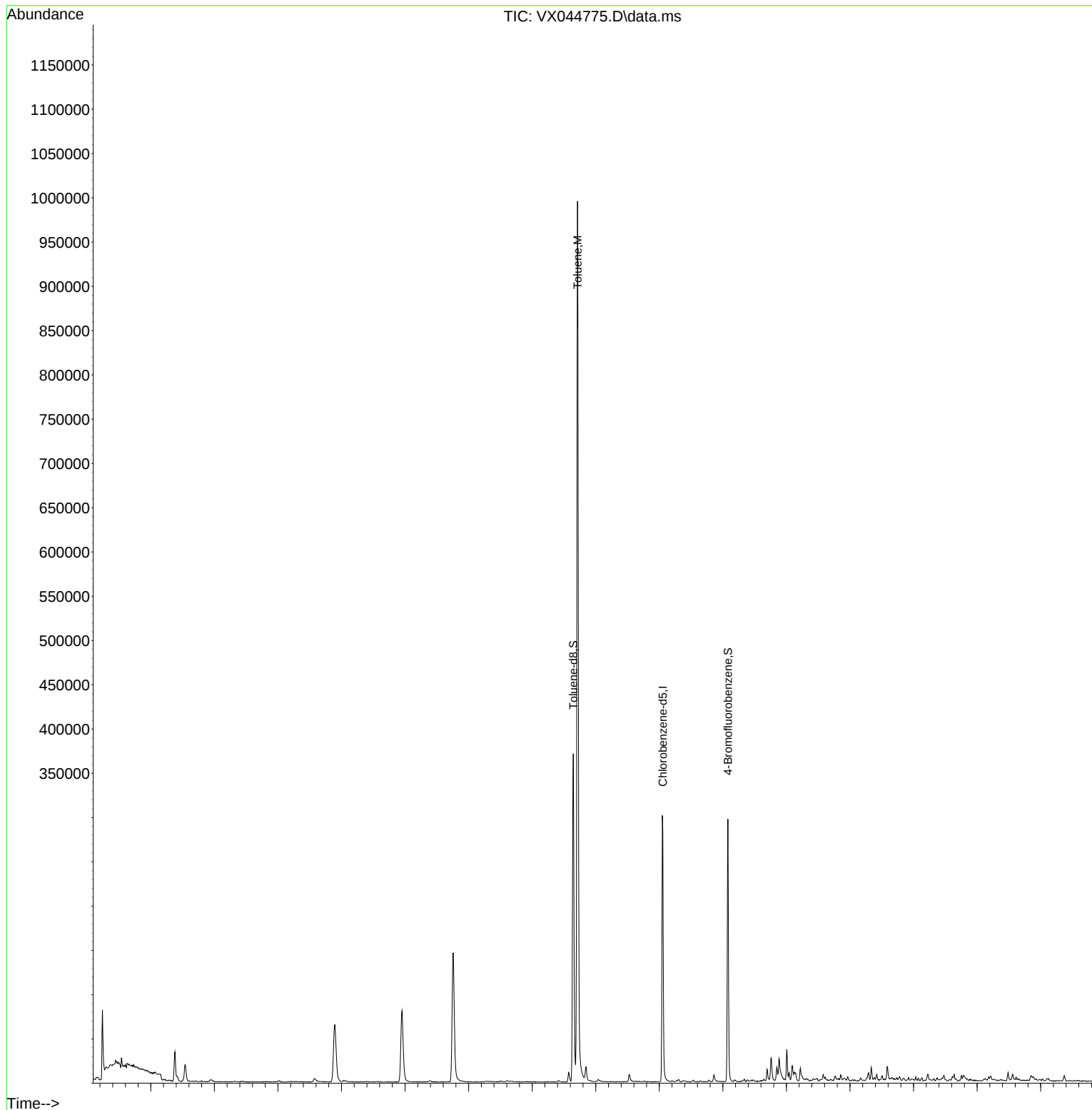
Internal Standards						
1) Bromochloromethane	4.891	128	27744	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	158226	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	142220	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	73481	27.435	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.433%
60) 4-Bromofluorobenzene	11.079	95	79069	28.623	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.400%
63) Toluene-d8	8.647	98	236325	30.551	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.833%
Target Compounds						
					Qvalue	
12) Methyl Acetate	2.703	43	840	0.281	ug/l	93
15) Acetone	2.379	58	11309	38.659	ug/l	99
16) Carbon Disulfide	2.507	76	1980	0.348	ug/l	98
30) 2-Butanone	4.574	43	6189	4.094	ug/l #	89
58) 4-Methyl-2-Pentanone	8.573	43	7044	2.350	ug/l	94
62) Toluene	8.714	91	674184	71.992	ug/l	98
67) m/p-Xylenes	10.299	106	781	0.208	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	4067	0.524	ug/l	92
82) p-Isopropyltoluene	12.006	119	15443	1.987	ug/l	98
91) Naphthalene	13.780	128	3000	0.329	ug/l #	94

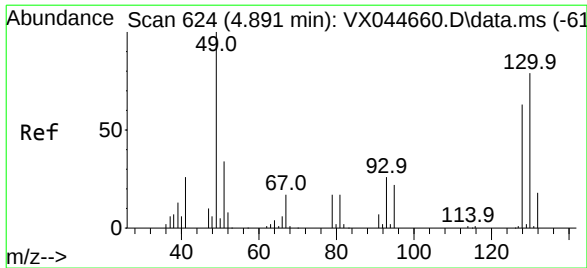
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013025\
Data File : VX044775.D
Acq On : 30 Jan 2025 12:00
Operator : JC/MD
Sample : Q1212-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

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

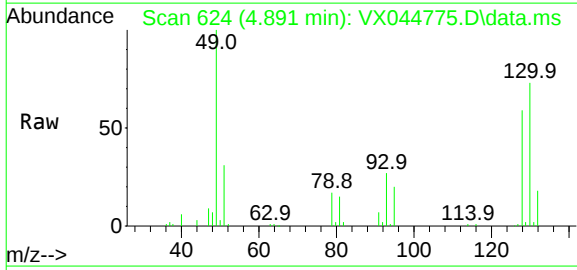
Quant Time: Jan 30 12:26:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration



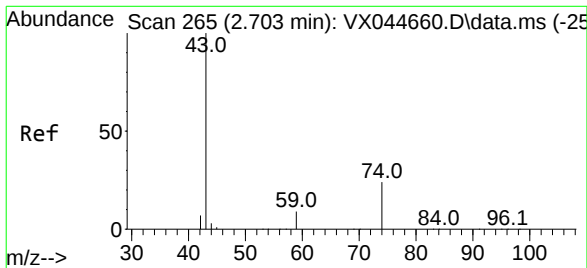
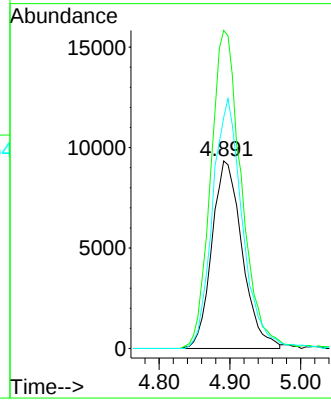
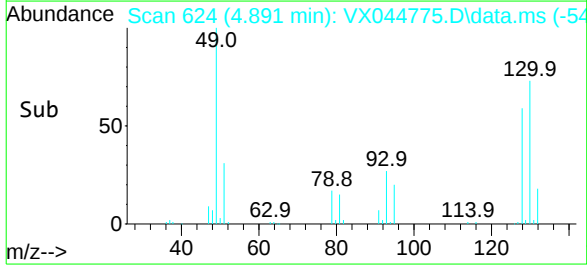


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX044775.D
Acq: 30 Jan 2025 12:00

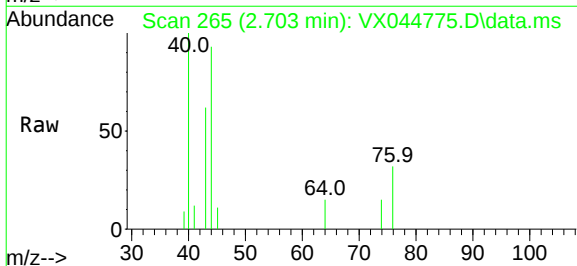
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)



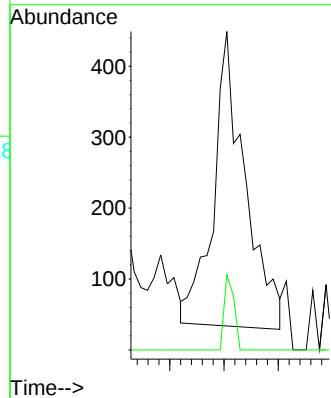
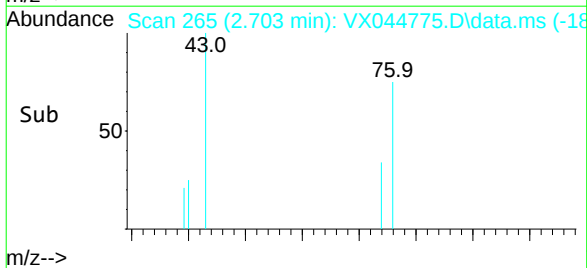
Tgt Ion: 128 Resp: 27744
Ion Ratio Lower Upper
128 100
49 172.0 0.0 411.5
130 131.1 0.0 324.3

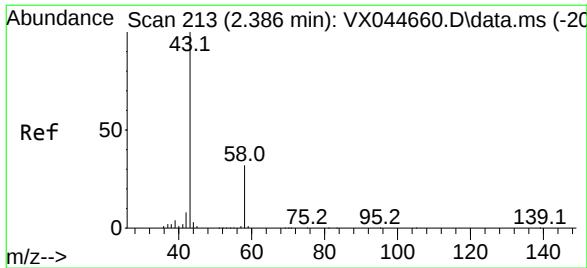


#12
Methyl Acetate
Concen: 0.281 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044775.D
Acq: 30 Jan 2025 12:00



Tgt Ion: 43 Resp: 840
Ion Ratio Lower Upper
43 100
74 28.0 19.4 29.2





#15

Acetone

Concen: 38.659 ug/l

RT: 2.379 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX044775.D

Acq: 30 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

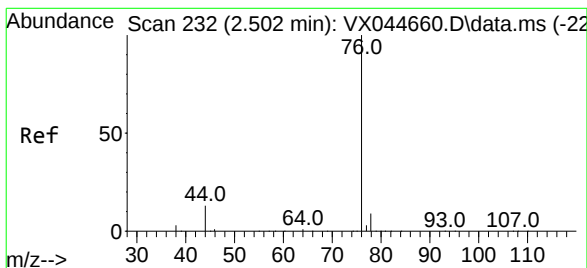
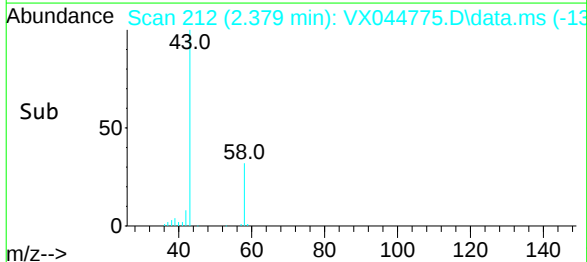
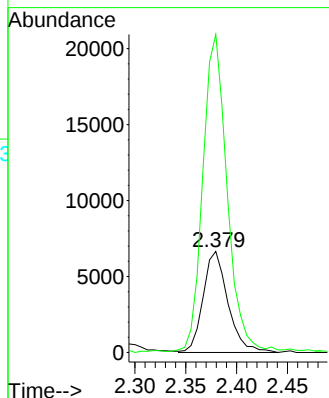
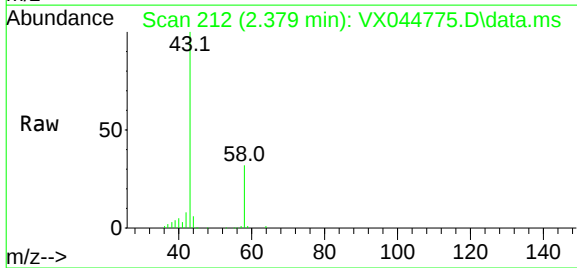
001-WILLETS-PT-BLVD(JAN)

Tgt Ion: 58 Resp: 11309

Ion Ratio Lower Upper

58 100

43 312.2 251.0 376.4



#16

Carbon Disulfide

Concen: 0.348 ug/l

RT: 2.507 min Scan# 233

Delta R.T. 0.006 min

Lab File: VX044775.D

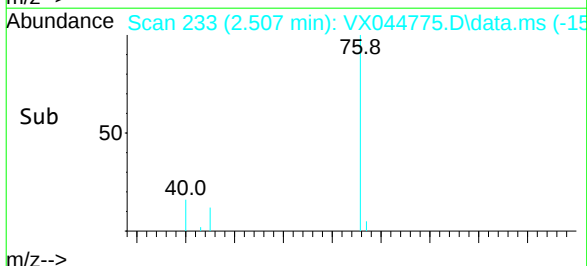
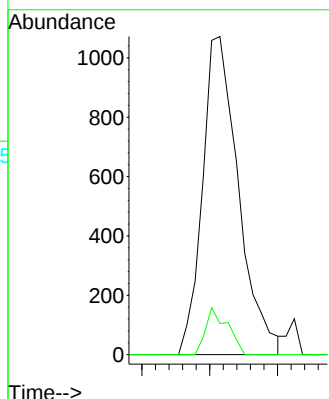
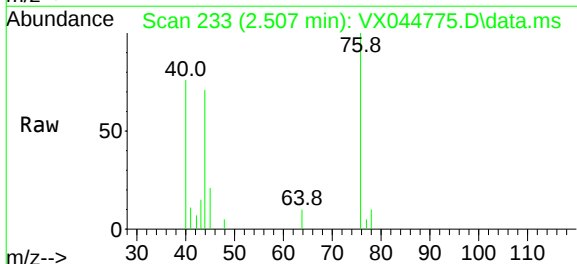
Acq: 30 Jan 2025 12:00

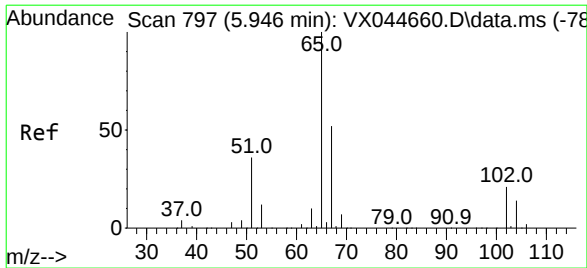
Tgt Ion: 76 Resp: 1980

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9

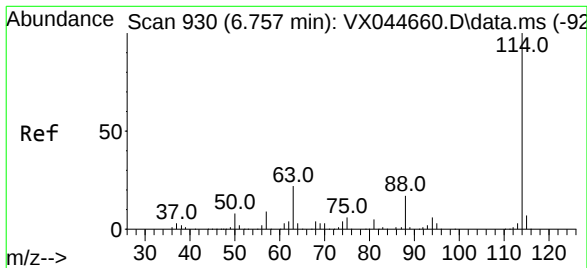
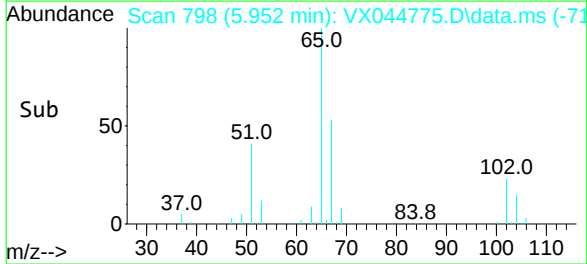
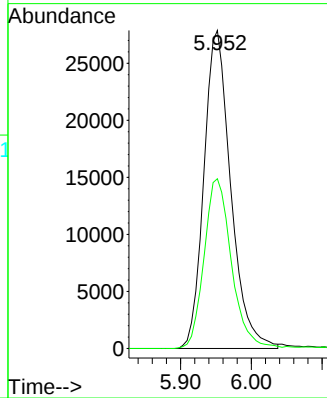
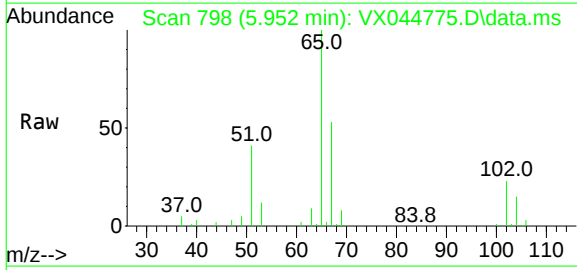




#27
1,2-Dichloroethane-d4
Concen: 27.435 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044775.D
Acq: 30 Jan 2025 12:00

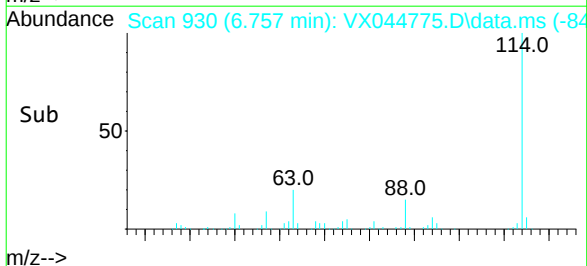
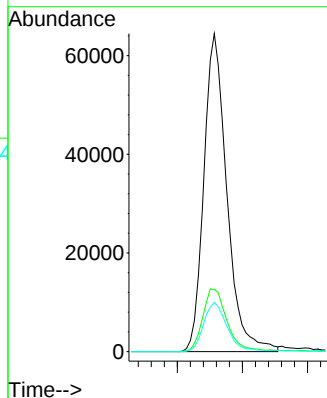
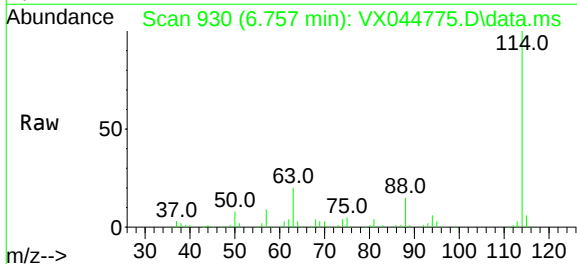
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)

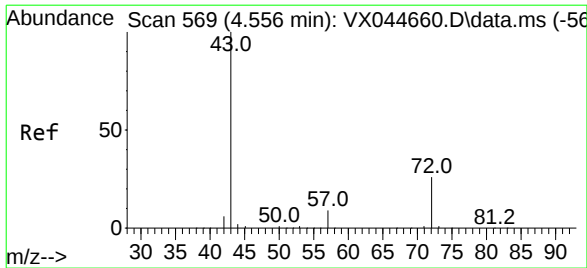
Tgt Ion: 65 Resp: 73481
Ion Ratio Lower Upper
65 100
67 54.3 41.4 62.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044775.D
Acq: 30 Jan 2025 12:00

Tgt Ion: 114 Resp: 158226
Ion Ratio Lower Upper
114 100
63 20.6 16.6 24.8
88 15.6 13.4 20.2

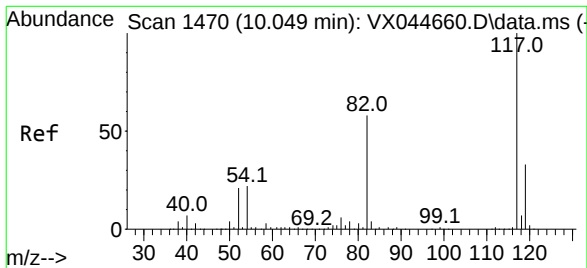
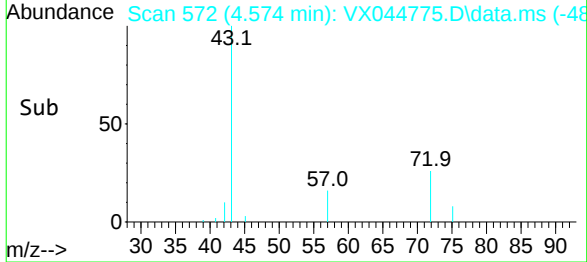
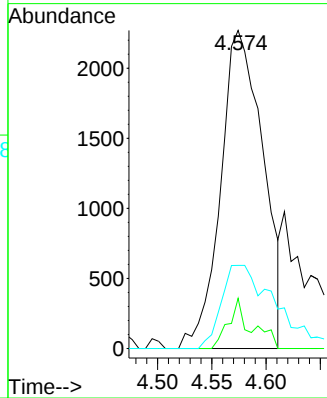
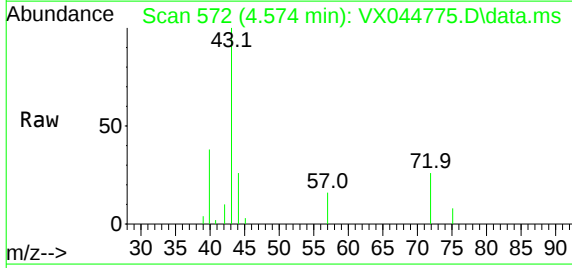




#30
2-Butanone
Concen: 4.094 ug/l
RT: 4.574 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX044775.D
Acq: 30 Jan 2025 12:00

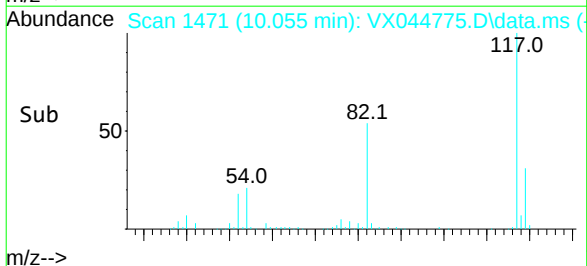
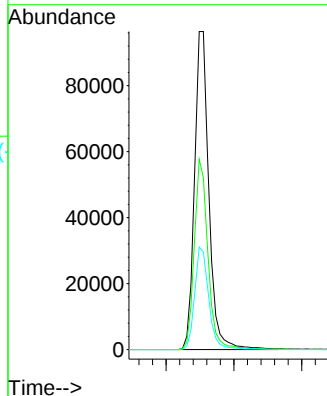
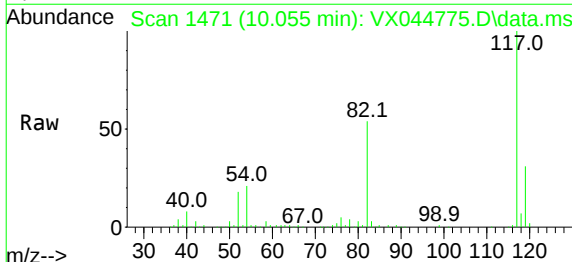
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)

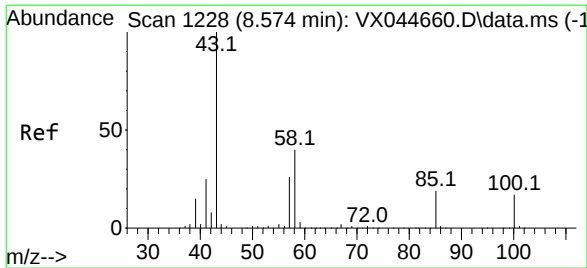
Tgt Ion: 43 Resp: 6189
Ion Ratio Lower Upper
43 100
57 6.0 6.4 9.6#
72 20.6 21.5 32.3#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044775.D
Acq: 30 Jan 2025 12:00

Tgt Ion: 117 Resp: 142220
Ion Ratio Lower Upper
117 100
82 57.0 45.8 68.6
119 31.5 25.8 38.6





#58

4-Methyl-2-Pentanone

Concen: 2.350 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX044775.D

Acq: 30 Jan 2025 12:00

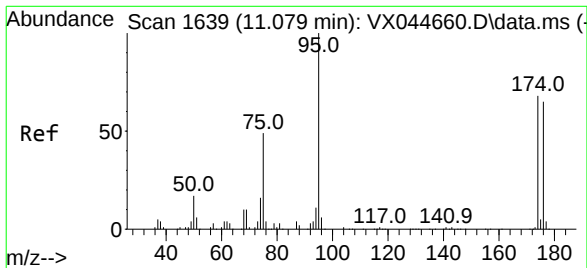
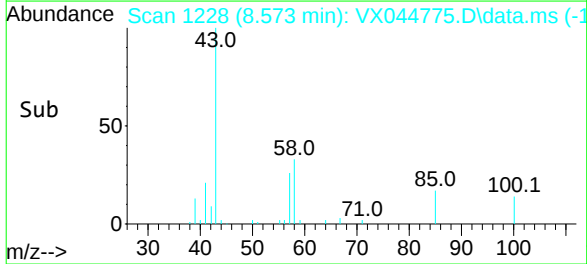
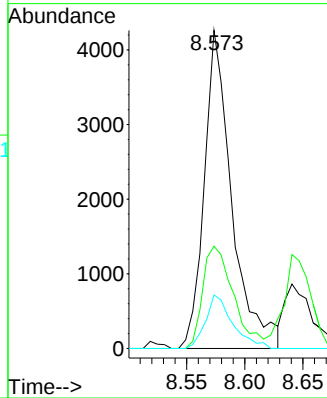
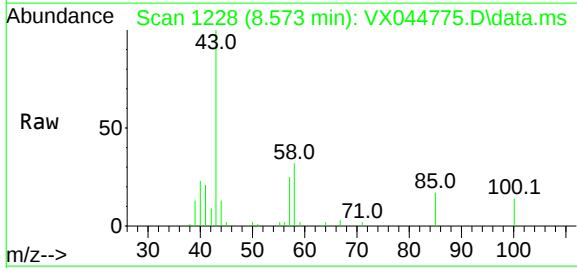
Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD(JAN)

Tgt Ion:	43	Resp:	7044
Ion	Ratio	Lower	Upper
43	100		
58	35.8	31.7	47.5
85	16.5	15.0	22.6



#60

4-Bromofluorobenzene

Concen: 28.623 ug/l

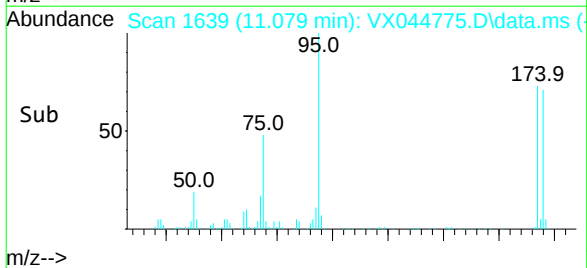
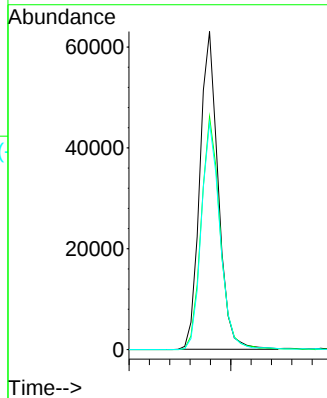
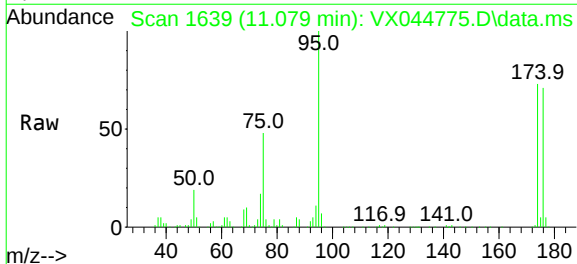
RT: 11.079 min Scan# 1639

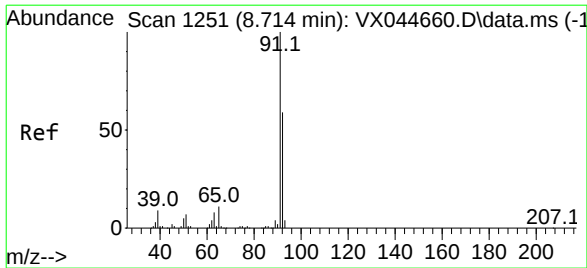
Delta R.T. -0.000 min

Lab File: VX044775.D

Acq: 30 Jan 2025 12:00

Tgt Ion:	95	Resp:	79069
Ion	Ratio	Lower	Upper
95	100		
174	74.6	54.6	81.8
176	72.3	52.8	79.2





#62

Toluene

Concen: 71.992 ug/l

RT: 8.714 min Scan# 12

Delta R.T. -0.000 min

Lab File: VX044775.D

Acq: 30 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

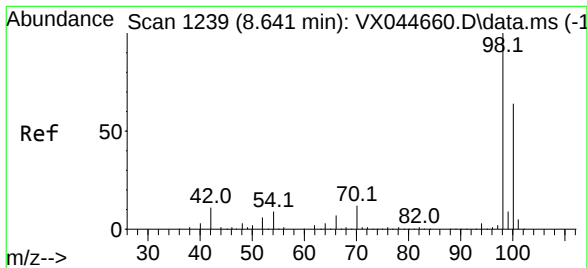
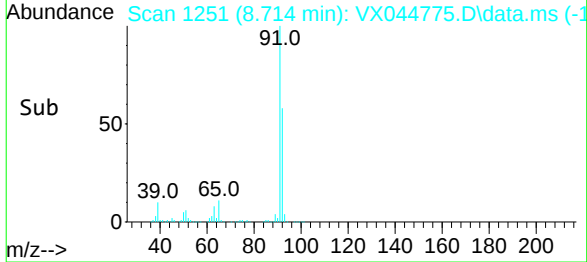
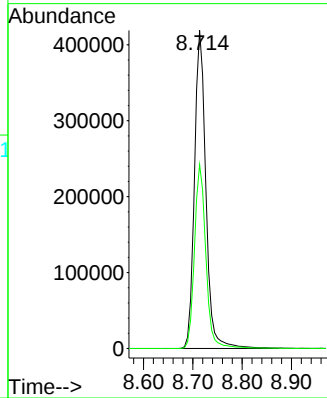
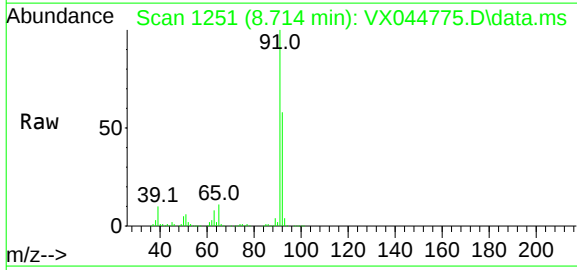
001-WILLETS-PT-BLVD(JAN)

Tgt Ion: 91 Resp: 674184

Ion Ratio Lower Upper

91 100

92 57.7 47.3 70.9



#63

Toluene-d8

Concen: 30.551 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044775.D

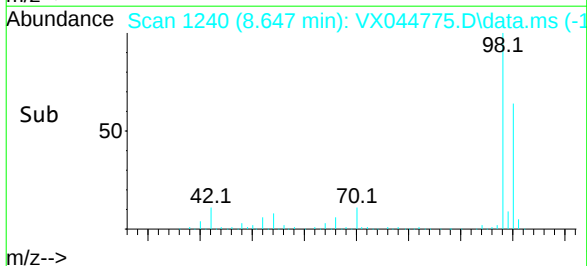
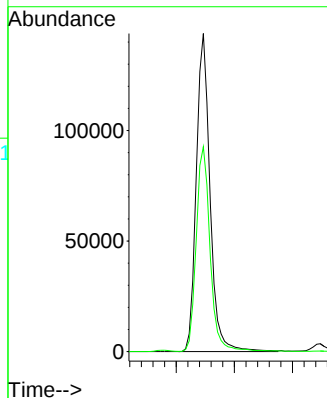
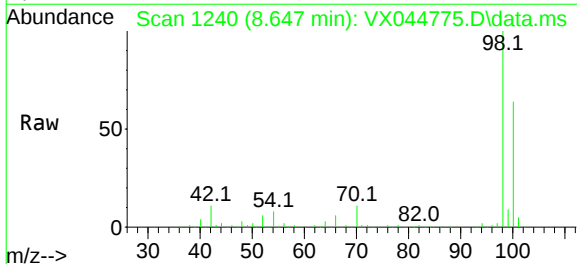
Acq: 30 Jan 2025 12:00

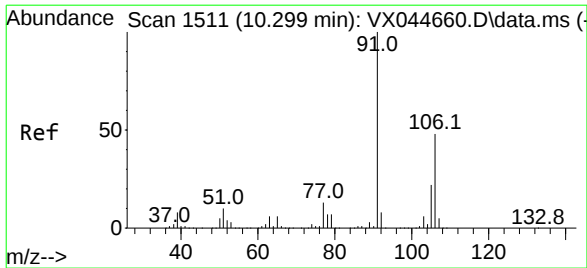
Tgt Ion: 98 Resp: 236325

Ion Ratio Lower Upper

98 100

100 64.8 53.6 80.4





#67

m/p-Xylenes

Concen: 0.208 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044775.D

Acq: 30 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

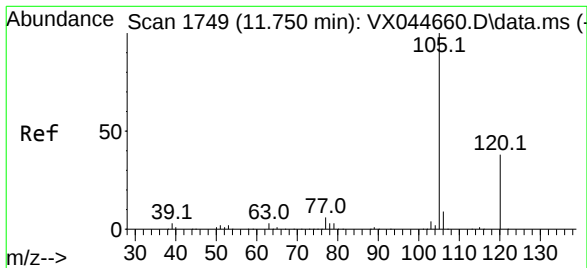
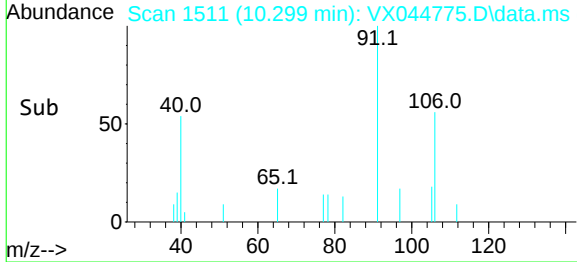
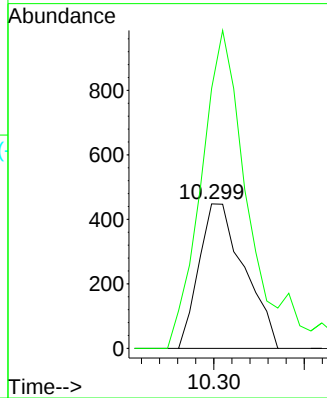
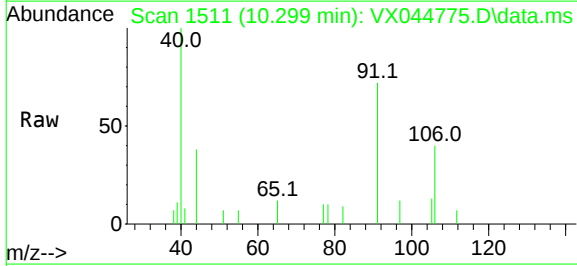
001-WILLETS-PT-BLVD(JAN)

Tgt Ion:106 Resp: 781

Ion Ratio Lower Upper

106 100

91 212.7 166.8 250.2



#80

1,2,4-Trimethylbenzene

Concen: 0.524 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044775.D

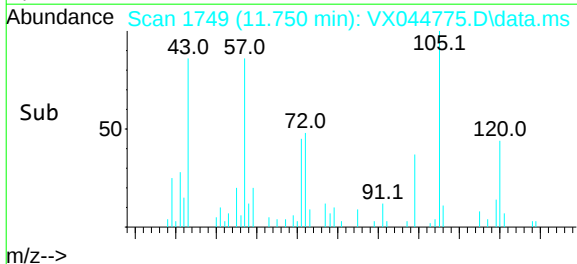
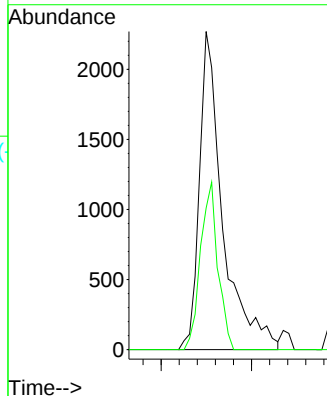
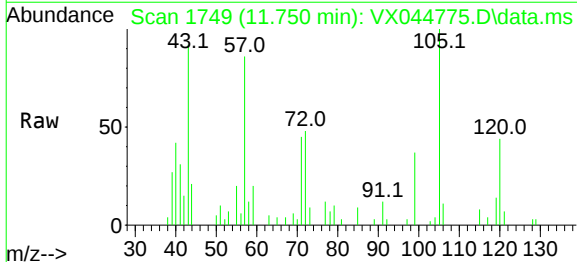
Acq: 30 Jan 2025 12:00

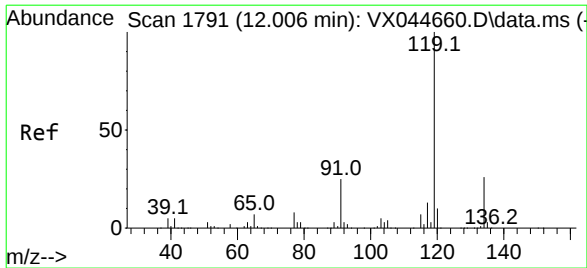
Tgt Ion:105 Resp: 4067

Ion Ratio Lower Upper

105 100

120 39.2 0.0 88.4

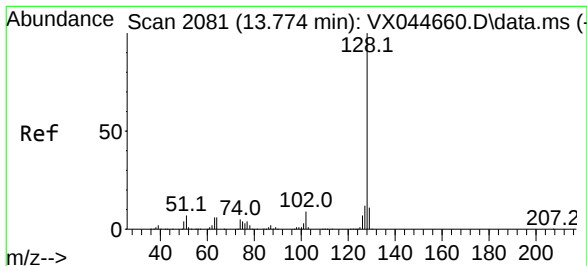
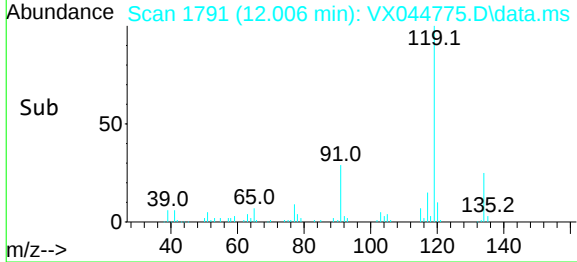
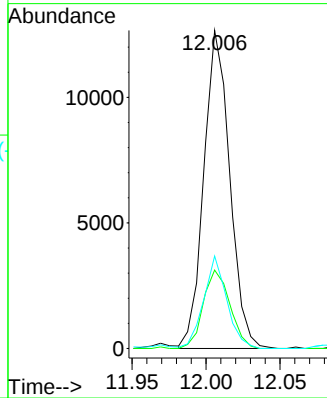
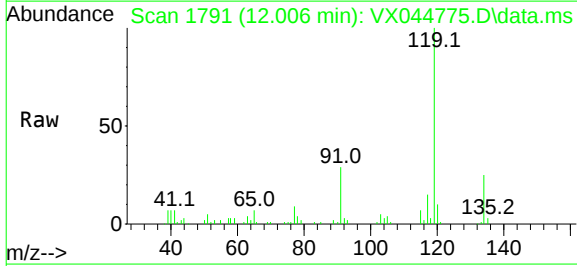




#82
p-Isopropyltoluene
Concen: 1.987 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044775.D
Acq: 30 Jan 2025 12:00

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

Tgt Ion:	119	Resp:	15443
Ion	Ratio	Lower	Upper
119	100		
134	25.3	0.0	52.2
91	25.9	0.0	50.2



#91
Naphthalene
Concen: 0.329 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044775.D
Acq: 30 Jan 2025 12:00

Tgt Ion:	128	Resp:	3000
Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.2	15.4
129	14.2	9.0	13.6

