

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031425\
 Data File : VX045294.D
 Acq On : 14 Mar 2025 16:18
 Operator : JC/MD
 Sample : Q1583-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WASTE WATER

Quant Time: Mar 15 04:00:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

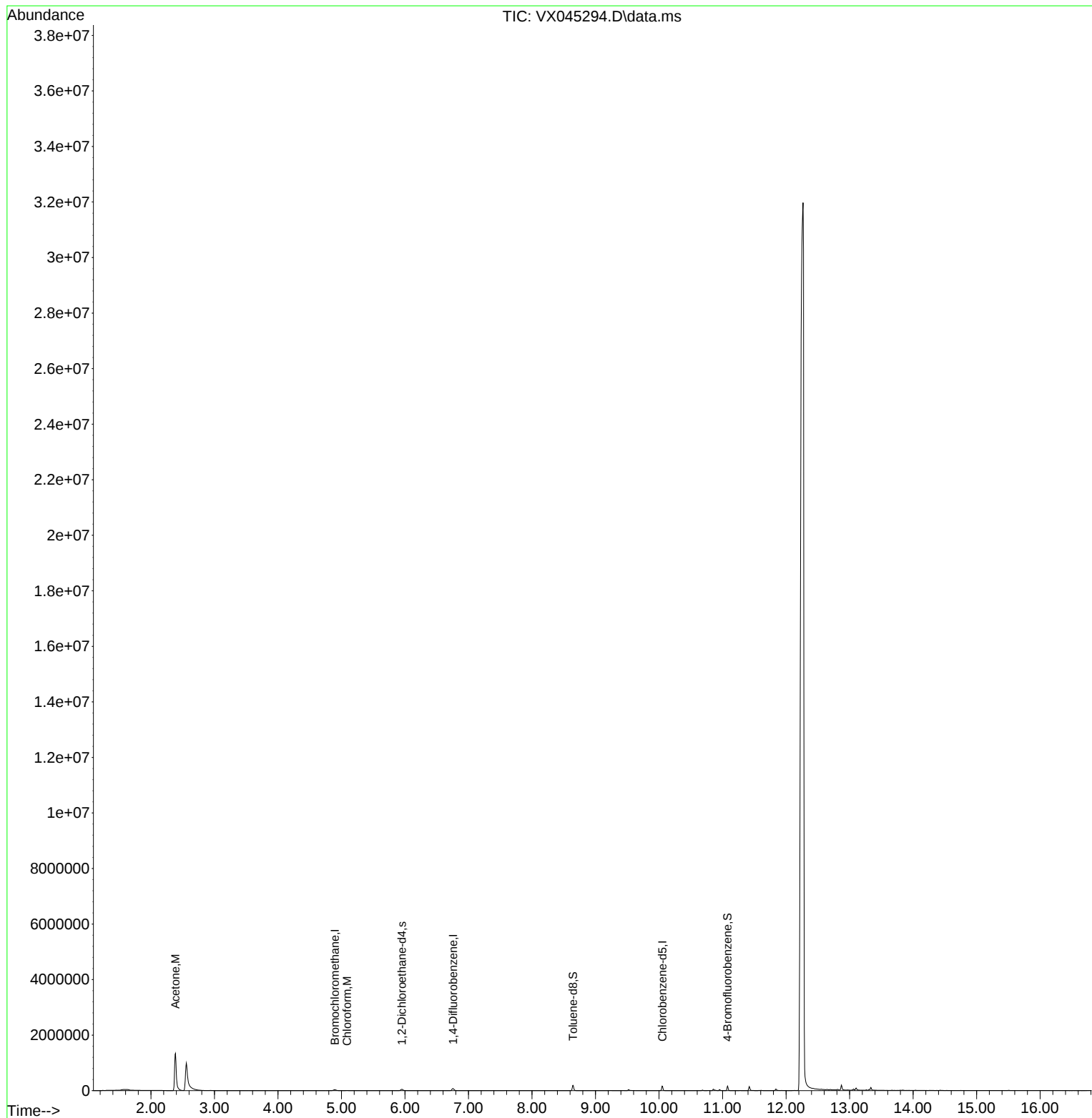
Internal Standards						
1) Bromochloromethane	4.897	128	15046	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.757	114	76674	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	71736	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	46762	31.999	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.667%
60) 4-Bromofluorobenzene	11.079	95	42574	31.752	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	105.833%
63) Toluene-d8	8.647	98	114825	28.934	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.433%
Target Compounds						
						Qvalue
15) Acetone	2.386	58	494595	2781.700	ug/l	90
25) Chloroform	5.086	83	5773	2.616	ug/l	98

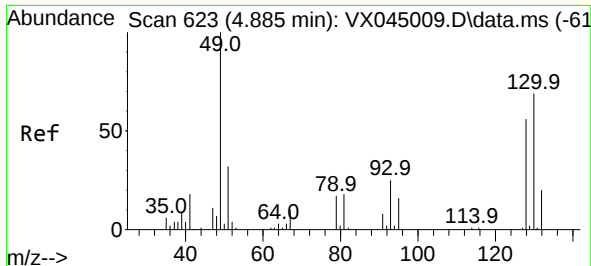
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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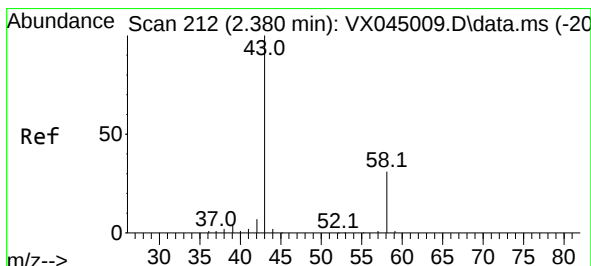
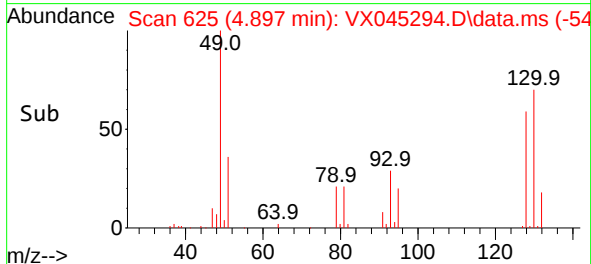
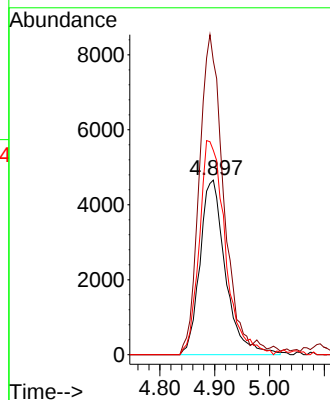
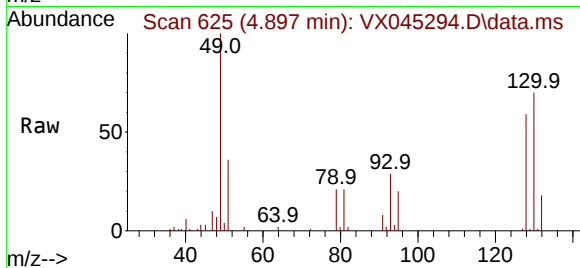




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX045294.D
Acq: 14 Mar 2025 16:18

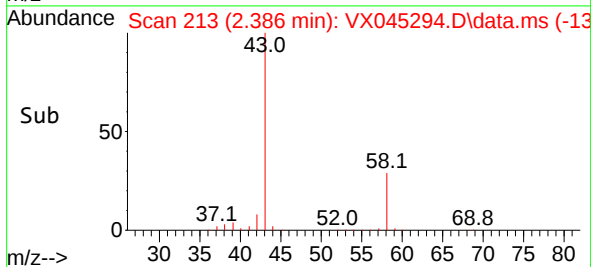
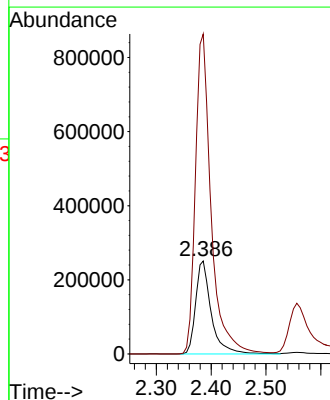
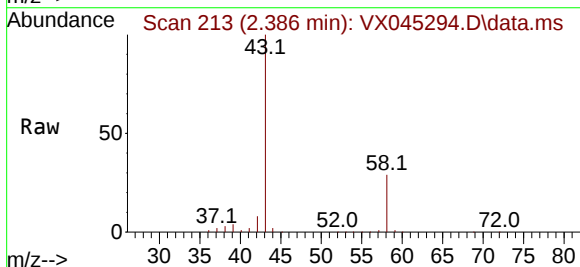
Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE WATER

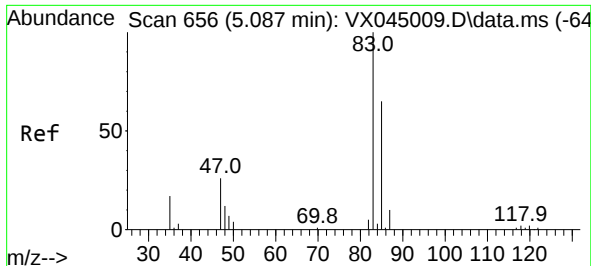
Tgt Ion:128 Resp: 15046
Ion Ratio Lower Upper
128 100
49 172.9 0.0 449.7
130 124.9 0.0 312.7



#15
Acetone
Concen: 2781.700 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX045294.D
Acq: 14 Mar 2025 16:18

Tgt Ion: 58 Resp: 494595
Ion Ratio Lower Upper
58 100
43 344.2 258.6 388.0





#25

Chloroform

Concen: 2.616 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX045294.D

Acq: 14 Mar 2025 16:18

Instrument :

MSVOA_X

ClientSampleId :

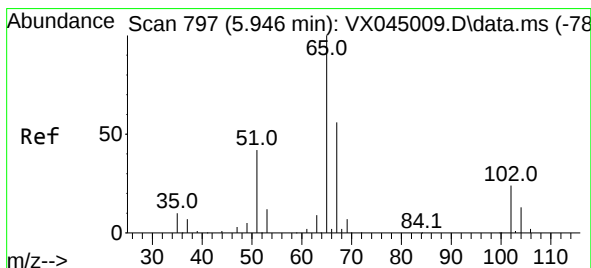
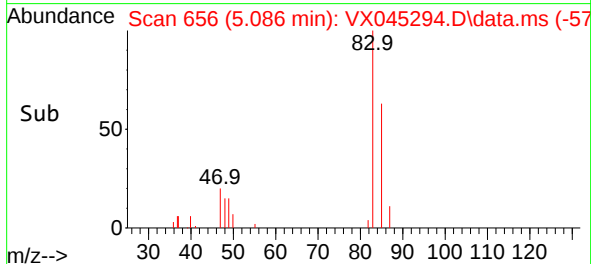
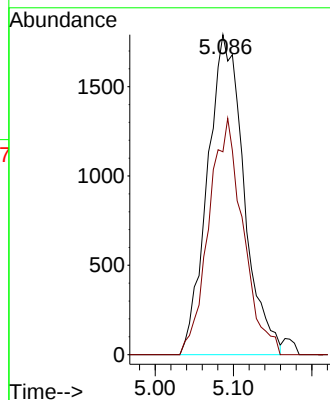
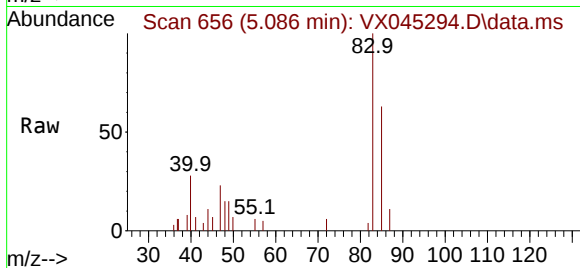
EFF-WASTE WATER

Tgt Ion: 83 Resp: 5773

Ion Ratio Lower Upper

83 100

85 63.4 51.7 77.5



#27

1,2-Dichloroethane-d4

Concen: 31.999 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX045294.D

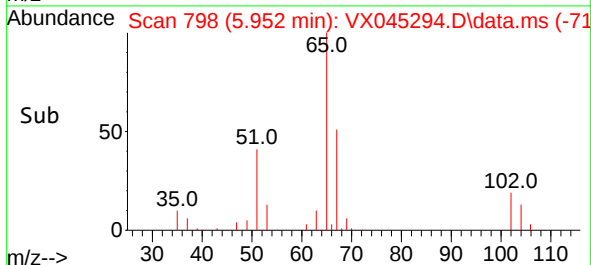
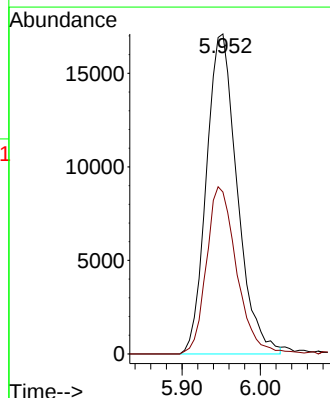
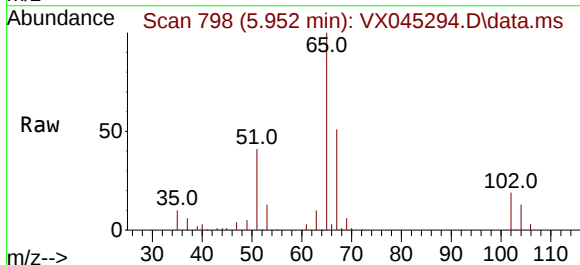
Acq: 14 Mar 2025 16:18

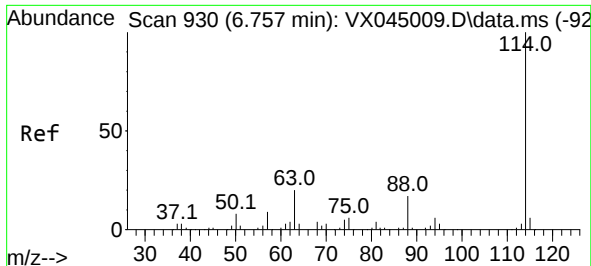
Tgt Ion: 65 Resp: 46762

Ion Ratio Lower Upper

65 100

67 51.3 42.6 64.0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX045294.D

Acq: 14 Mar 2025 16:18

Instrument :

MSVOA_X

ClientSampleId :

EFF-WASTE WATER

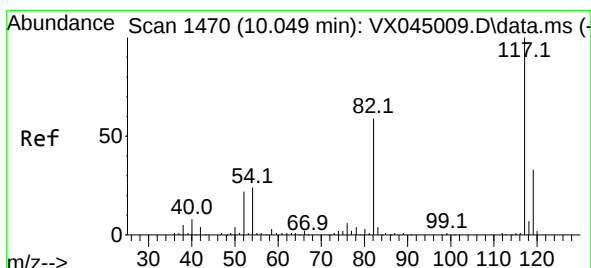
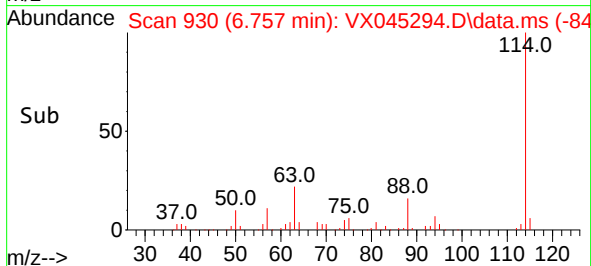
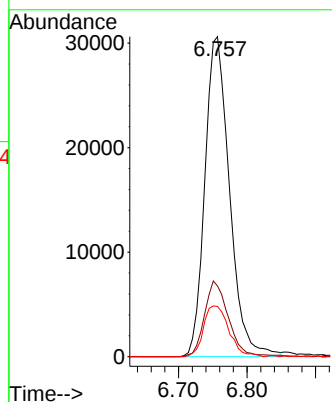
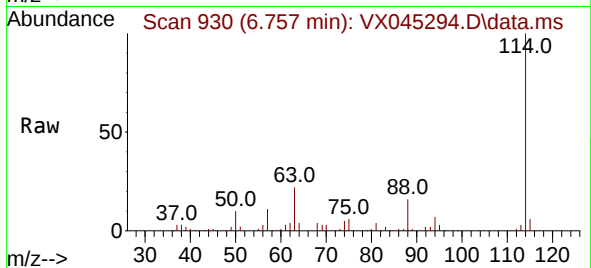
Tgt Ion:114 Resp: 76674

Ion Ratio Lower Upper

114 100

63 22.7 16.8 25.2

88 16.3 12.7 19.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX045294.D

Acq: 14 Mar 2025 16:18

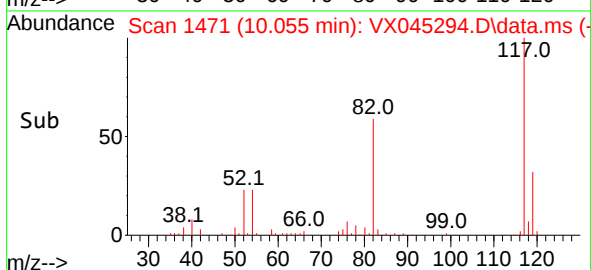
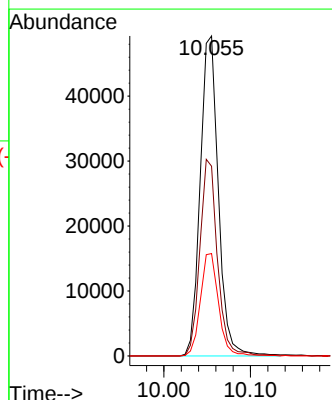
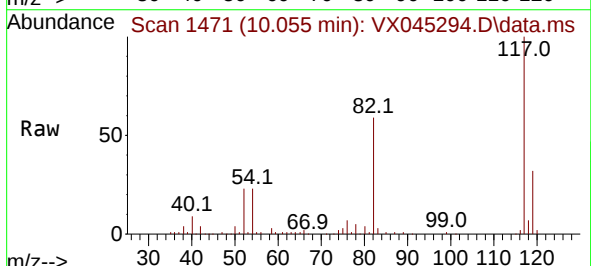
Tgt Ion:117 Resp: 71736

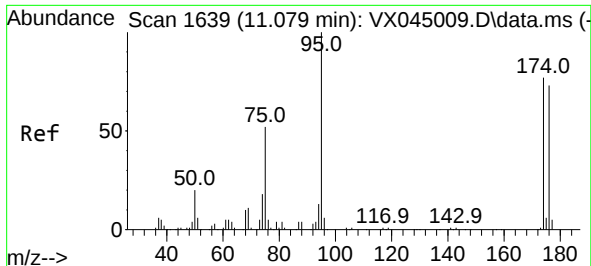
Ion Ratio Lower Upper

117 100

82 59.3 45.8 68.8

119 32.0 25.5 38.3

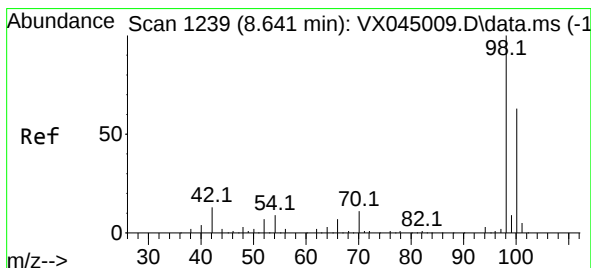
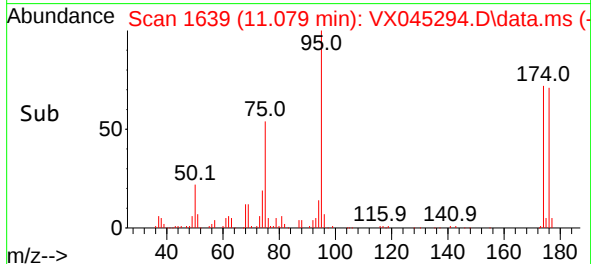
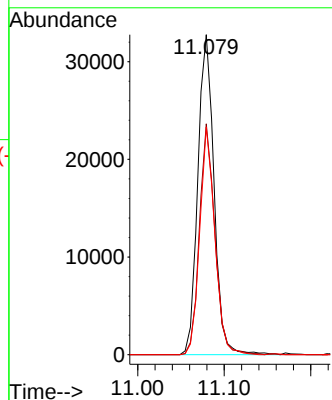
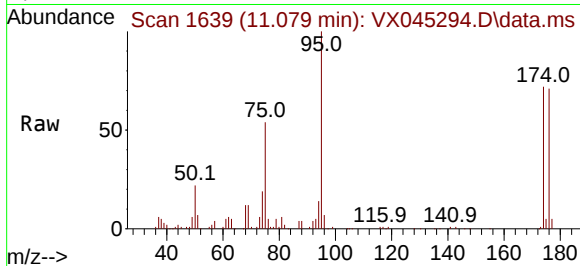




#60
4-Bromofluorobenzene
Concen: 31.752 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045294.D
Acq: 14 Mar 2025 16:18

Instrument :
MSVOA_X
ClientSampleId :
EFF-WASTE WATER

Tgt Ion: 95 Resp: 42574
Ion Ratio Lower Upper
95 100
174 68.8 59.5 89.3
176 66.5 55.5 83.3



#63
Toluene-d8
Concen: 28.934 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX045294.D
Acq: 14 Mar 2025 16:18

Tgt Ion: 98 Resp: 114825
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5

