

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045152.D
 Acq On : 05 Mar 2025 19:01
 Operator : JC/MD
 Sample : Q1494-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PURGE-WATER

Quant Time: Mar 06 01:11:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

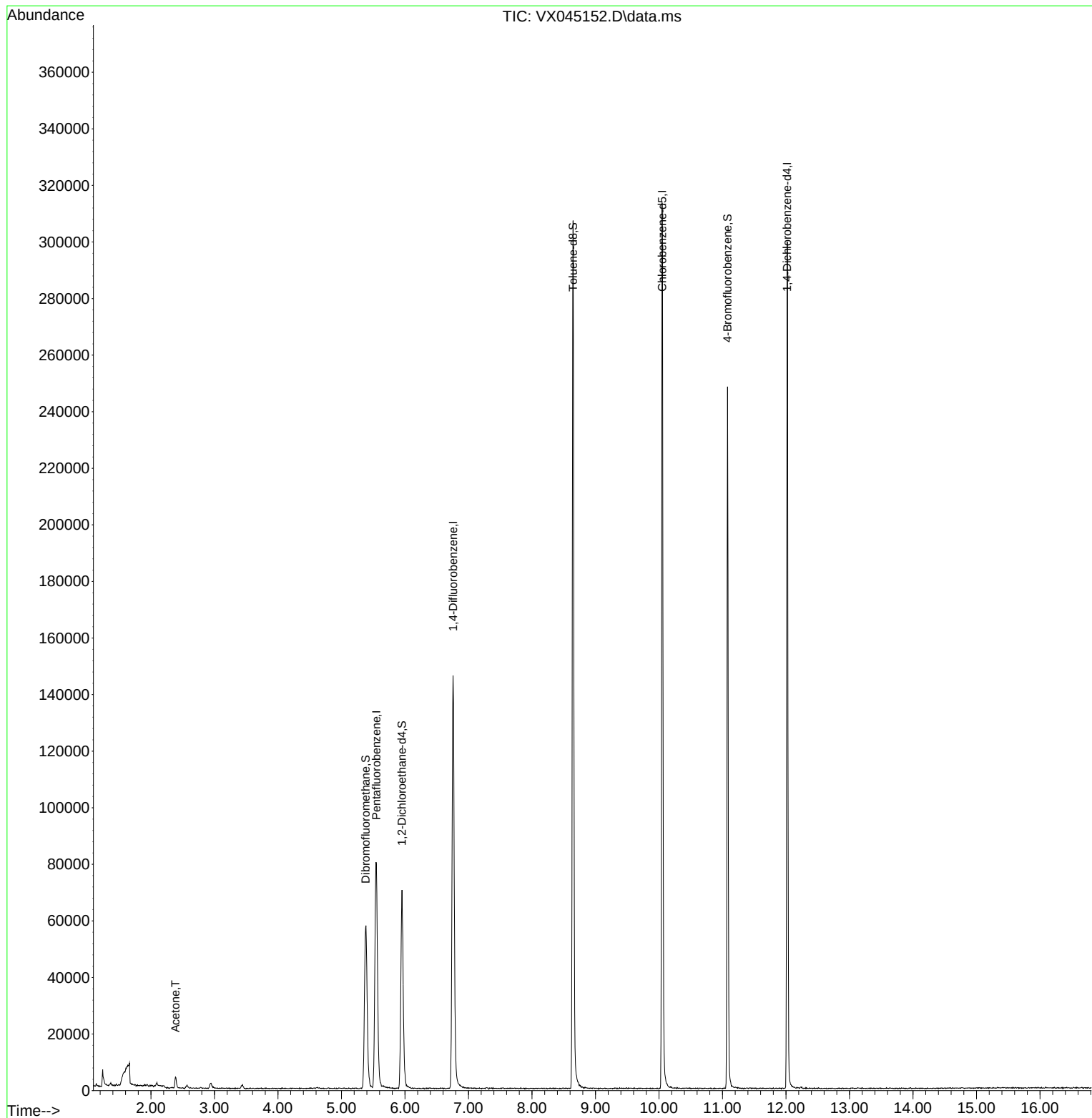
Internal Standards						
1) Pentafluorobenzene	5.550	168	75780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152139	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63566	52.735	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.460%	
35) Dibromofluoromethane	5.379	113	51648	50.769	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.540%	
50) Toluene-d8	8.647	98	184902	50.135	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.260%	
62) 4-Bromofluorobenzene	11.079	95	63031	51.575	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.140%	
Target Compounds						
16) Acetone	2.386	43	4595	8.216	ug/l	Qvalue 99

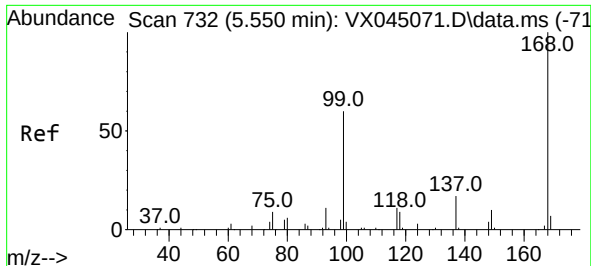
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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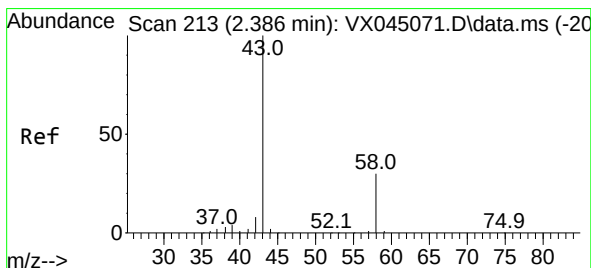
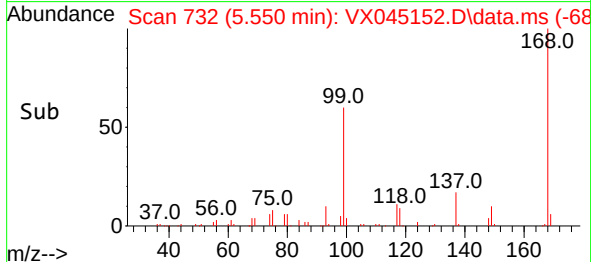
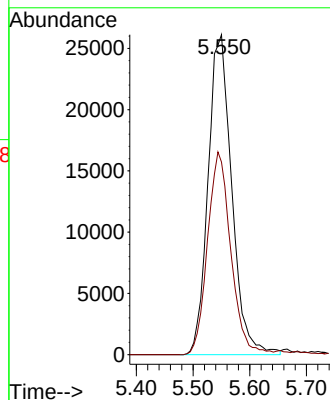
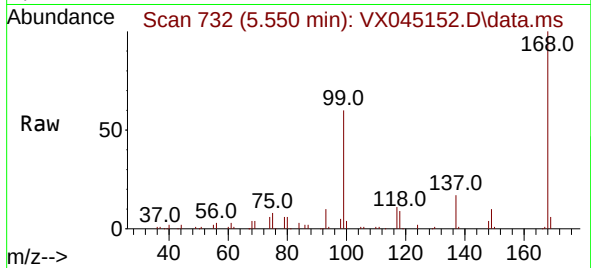




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045152.D
Acq: 05 Mar 2025 19:01

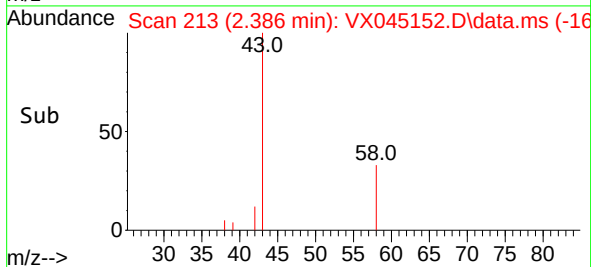
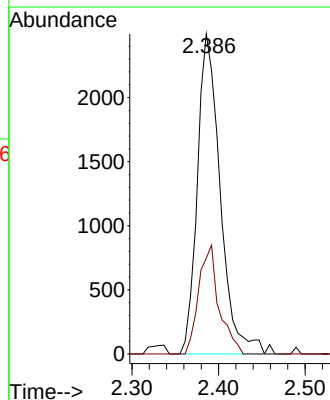
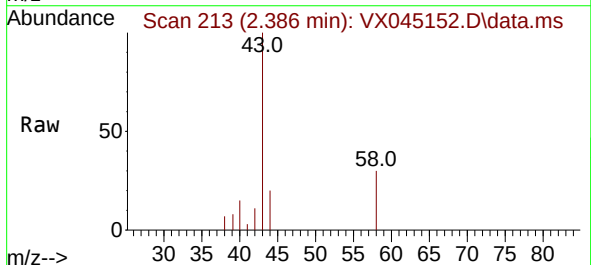
Instrument :
MSVOA_X
ClientSampleId :
PURGE-WATER

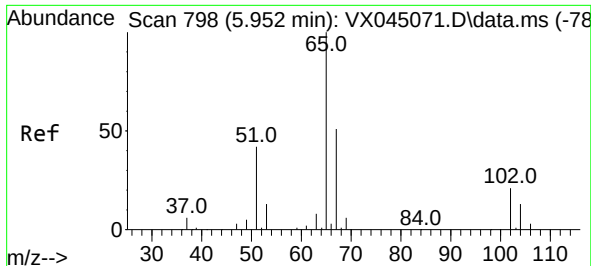
Tgt Ion:168 Resp: 75780
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.4



#16
Acetone
Concen: 8.216 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045152.D
Acq: 05 Mar 2025 19:01

Tgt Ion: 43 Resp: 4595
Ion Ratio Lower Upper
43 100
58 29.9 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 52.735 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045152.D

Acq: 05 Mar 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

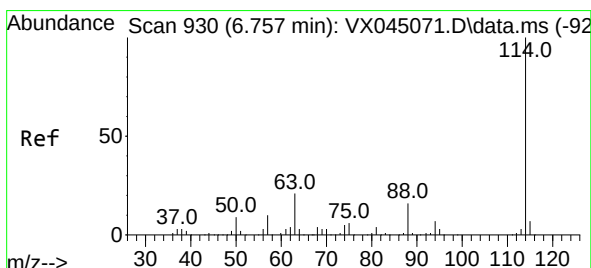
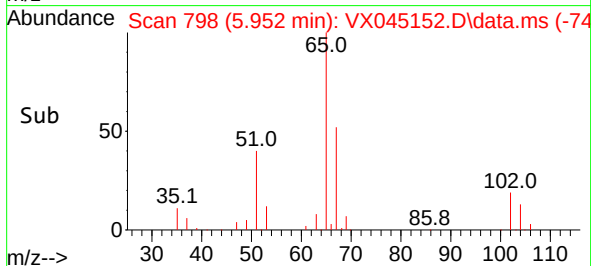
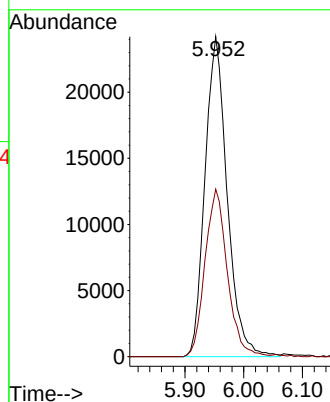
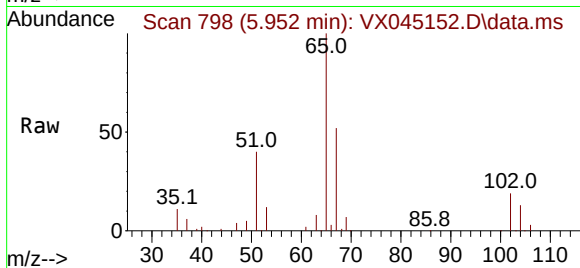
PURGE-WATER

Tgt Ion: 65 Resp: 63566

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045152.D

Acq: 05 Mar 2025 19:01

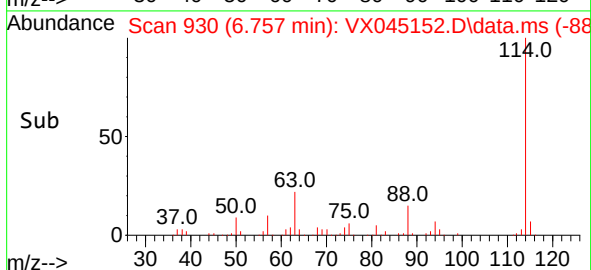
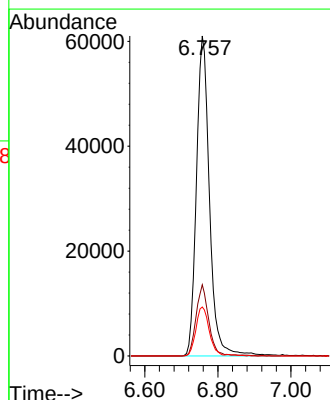
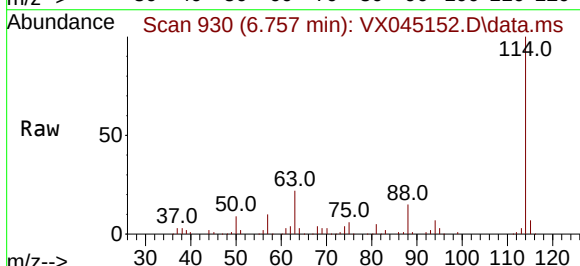
Tgt Ion: 114 Resp: 152139

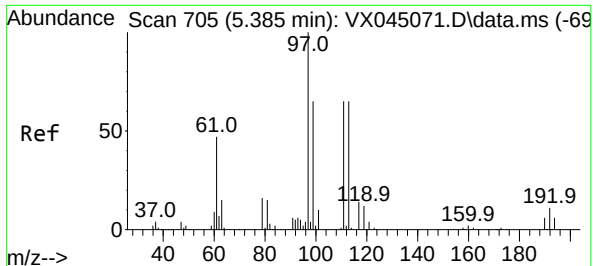
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 15.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.769 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045152.D

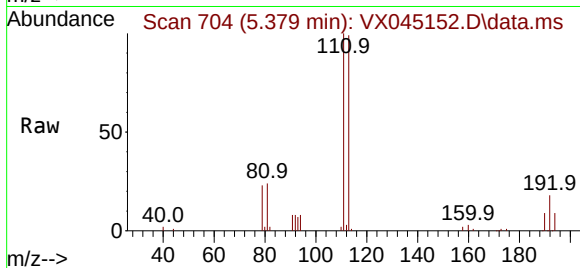
Acq: 05 Mar 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

PURGE-WATER



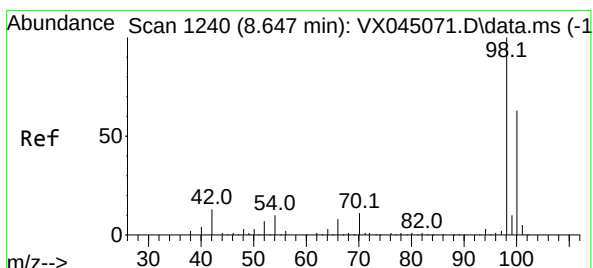
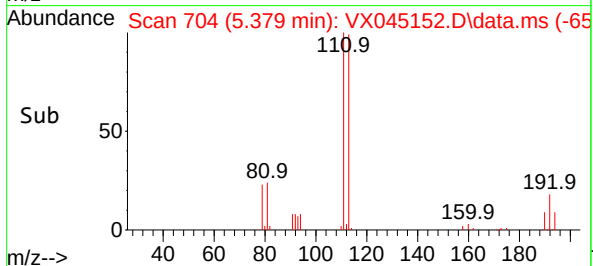
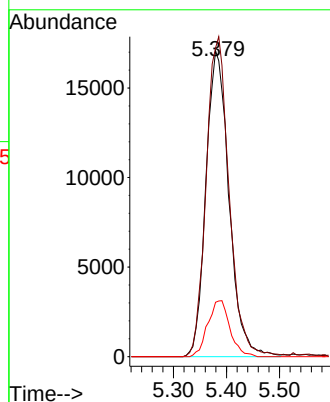
Tgt Ion:113 Resp: 51648

Ion Ratio Lower Upper

113 100

111 104.1 81.8 122.6

192 17.6 14.3 21.5



#50

Toluene-d8

Concen: 50.135 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX045152.D

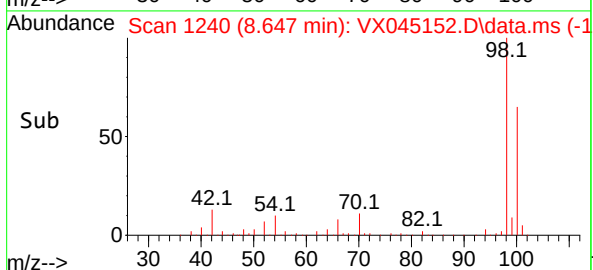
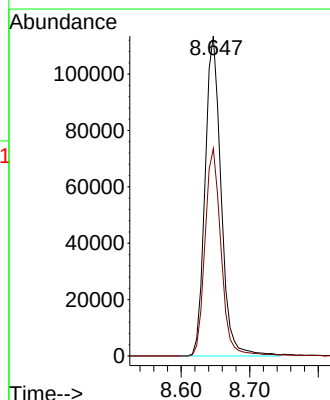
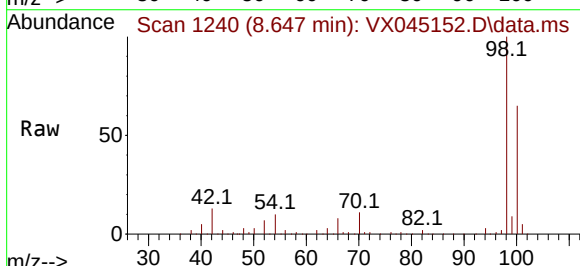
Acq: 05 Mar 2025 19:01

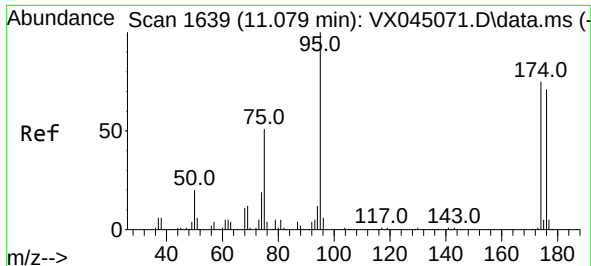
Tgt Ion: 98 Resp: 184902

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 51.575 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045152.D

Acq: 05 Mar 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

PURGE-WATER

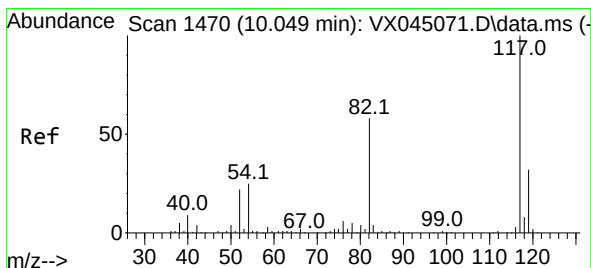
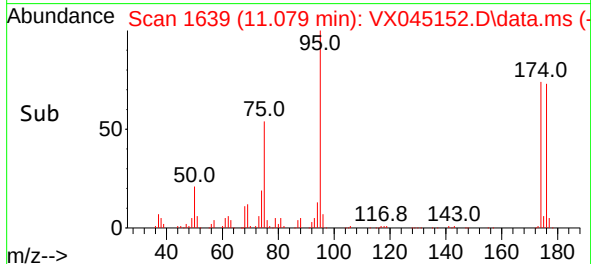
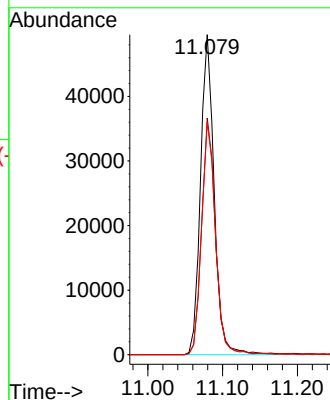
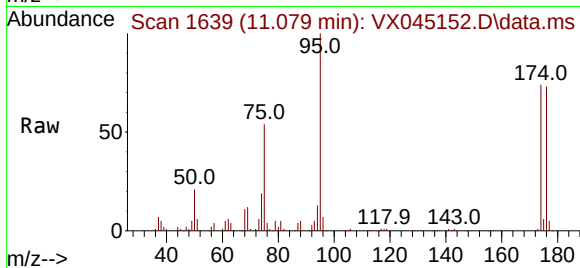
Tgt Ion: 95 Resp: 63031

Ion Ratio Lower Upper

95 100

174 74.9 0.0 148.2

176 74.1 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045152.D

Acq: 05 Mar 2025 19:01

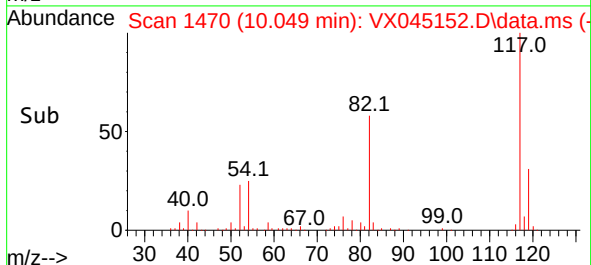
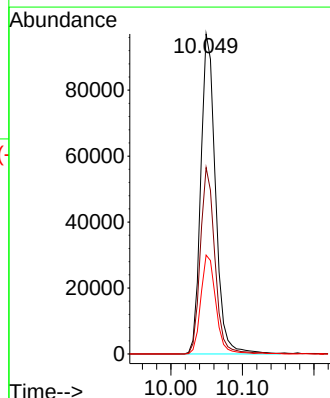
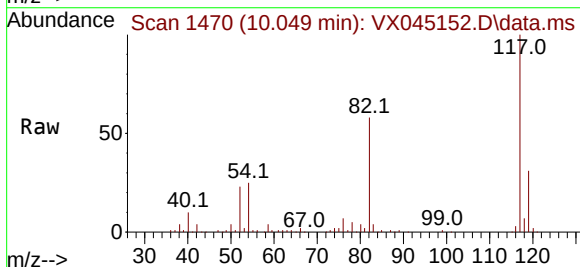
Tgt Ion: 117 Resp: 138647

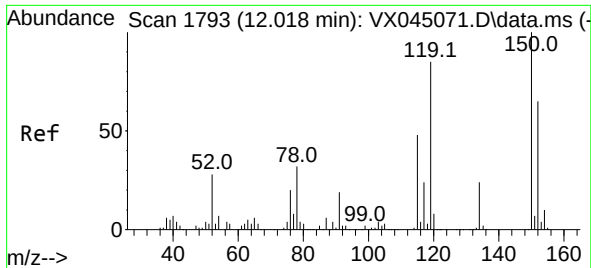
Ion Ratio Lower Upper

117 100

82 58.3 46.3 69.5

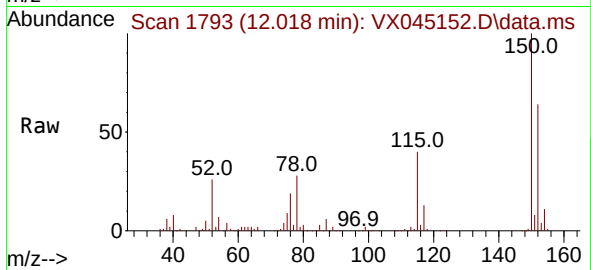
119 30.9 25.7 38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045152.D
Acq: 05 Mar 2025 19:01

Instrument :
MSVOA_X
ClientSampleId :
PURGE-WATER



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	44.2	132.6
150	155.7	0.0	349.0

