

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045742.D
 Acq On : 11 Apr 2025 15:28
 Operator : JC/MD
 Sample : Q1782-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Apr 11 23:05:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

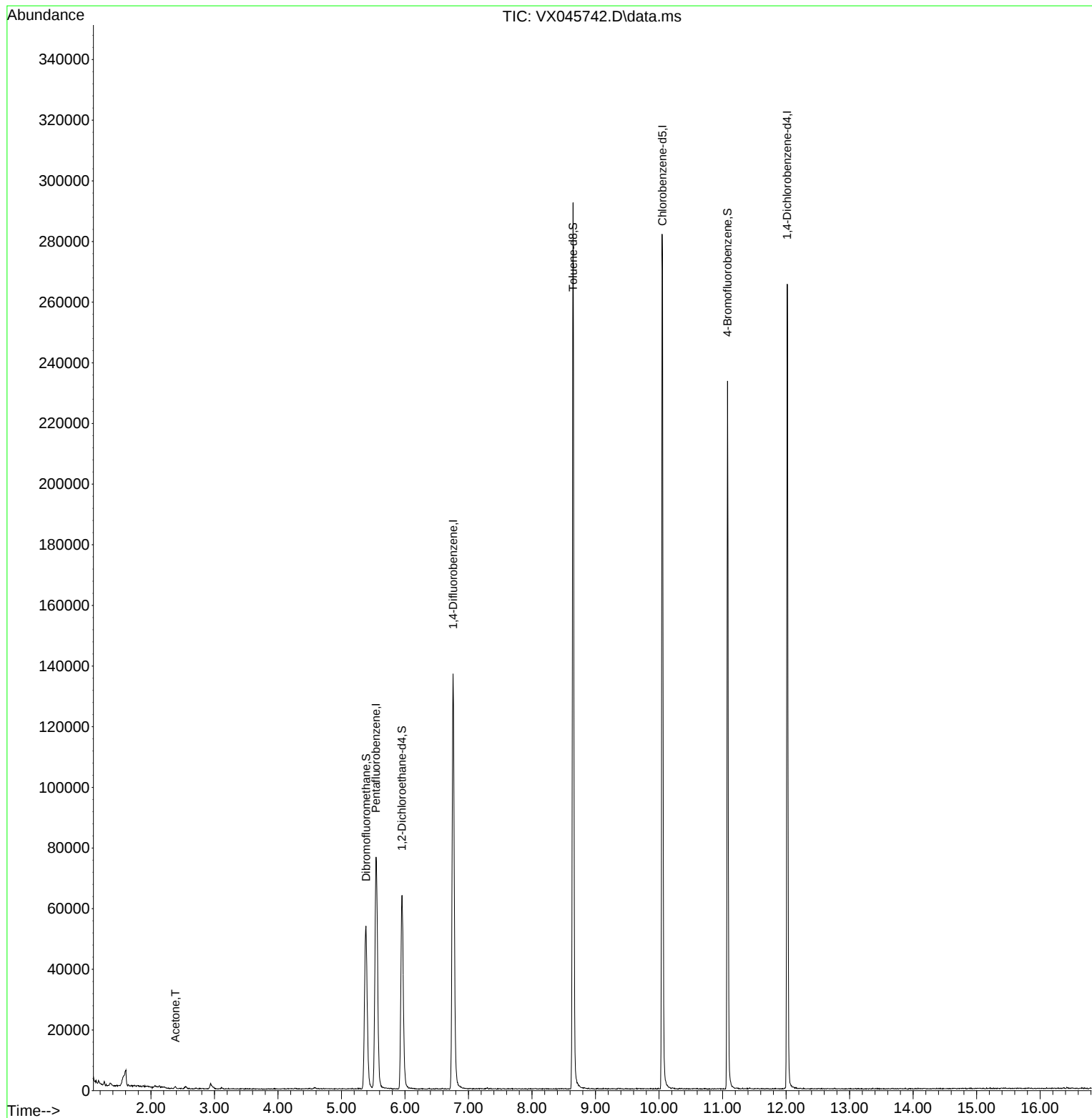
Internal Standards						
1) Pentafluorobenzene	5.543	168	65299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128436	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66071	55.329	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.660%
35) Dibromofluoromethane	5.385	113	46646	51.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.380%
50) Toluene-d8	8.646	98	163762	51.487	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.980%
62) 4-Bromofluorobenzene	11.079	95	59714	51.542	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.080%
Target Compounds						
16) Acetone	2.385	43	724	1.476	ug/l	Qvalue 92

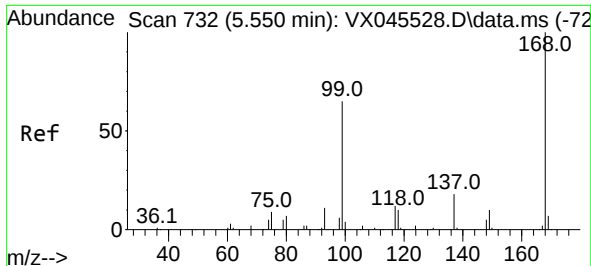
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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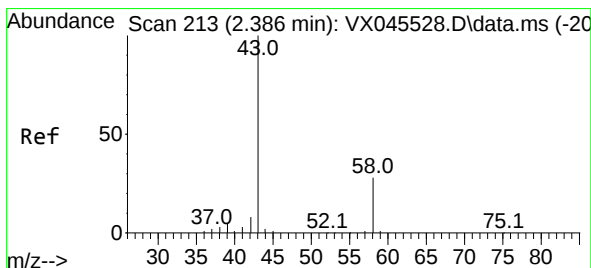
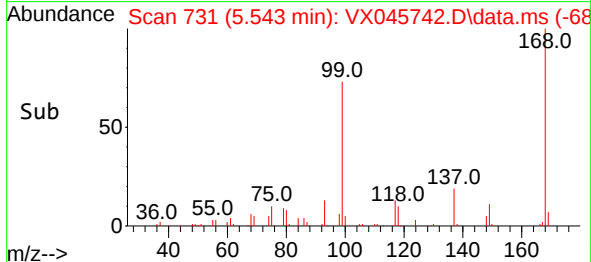
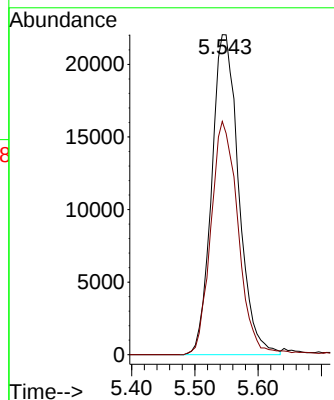
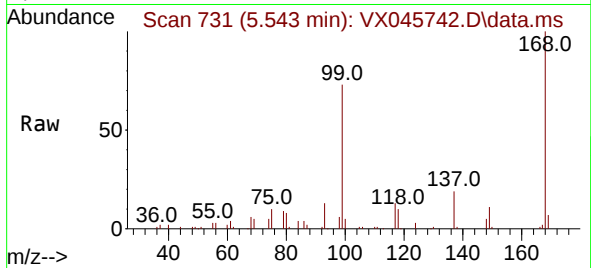




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045742.D
Acq: 11 Apr 2025 15:28

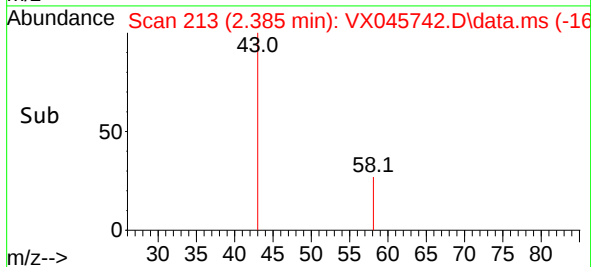
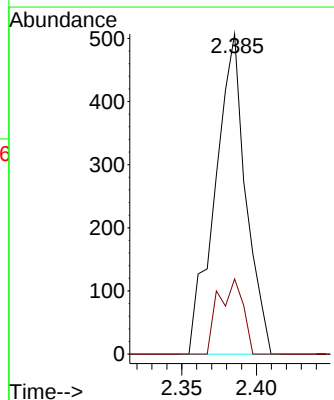
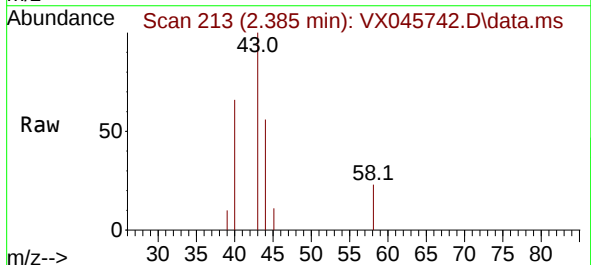
Instrument :
MSVOA_X
ClientSampleId :
MW-2

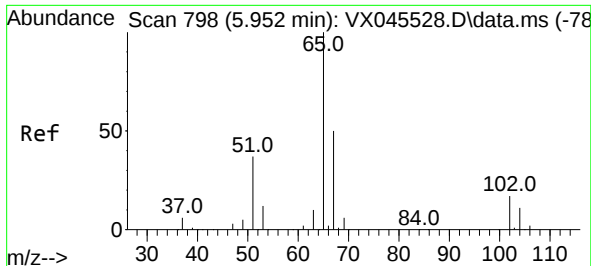
Tgt Ion:168 Resp: 65299
Ion Ratio Lower Upper
168 100
99 72.9 52.3 78.5



#16
Acetone
Concen: 1.476 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045742.D
Acq: 11 Apr 2025 15:28

Tgt Ion: 43 Resp: 724
Ion Ratio Lower Upper
43 100
58 23.5 22.3 33.5





#33

1,2-Dichloroethane-d4

Concen: 55.329 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045742.D

Acq: 11 Apr 2025 15:28

Instrument :

MSVOA_X

ClientSampleId :

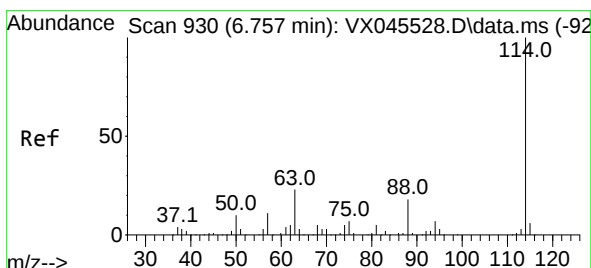
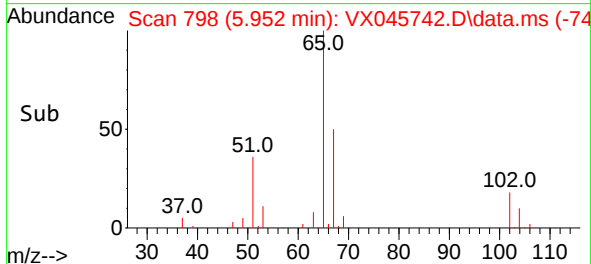
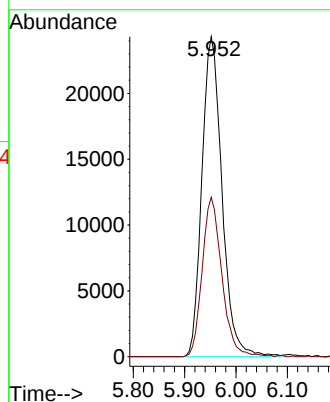
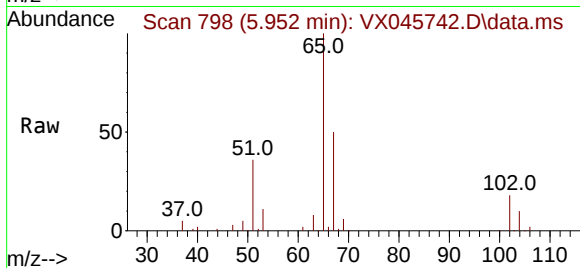
MW-2

Tgt Ion: 65 Resp: 66071

Ion Ratio Lower Upper

65 100

67 48.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045742.D

Acq: 11 Apr 2025 15:28

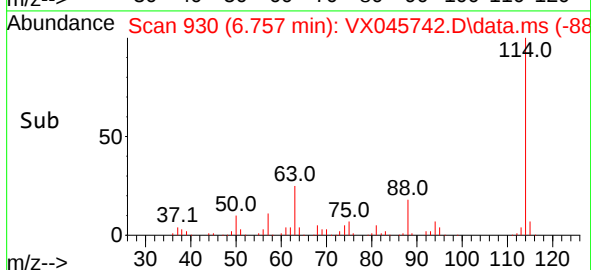
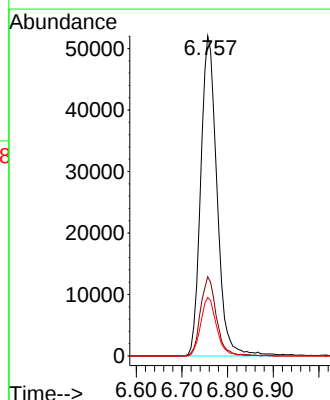
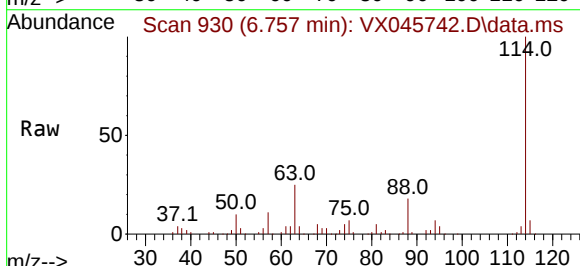
Tgt Ion: 114 Resp: 128436

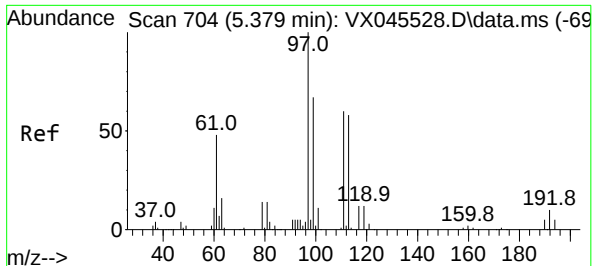
Ion Ratio Lower Upper

114 100

63 24.8 0.0 46.8

88 18.3 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.189 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045742.D

Acq: 11 Apr 2025 15:28

Instrument :

MSVOA_X

ClientSampleId :

MW-2

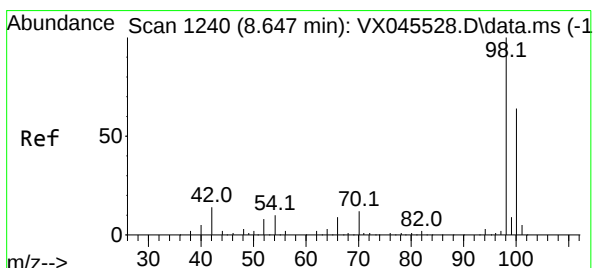
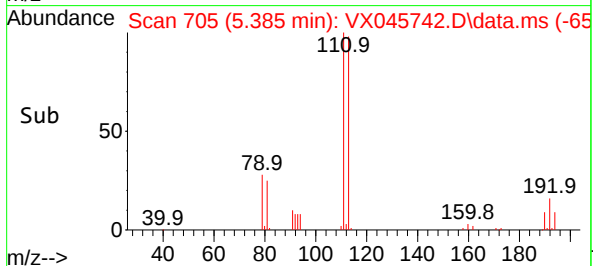
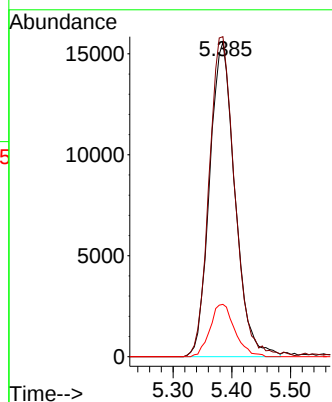
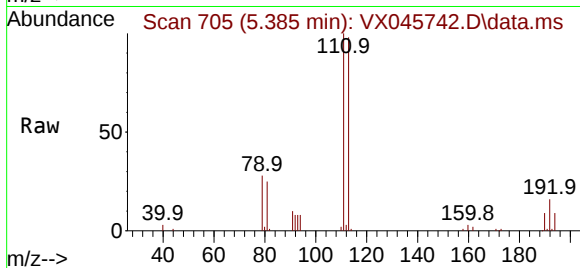
Tgt Ion:113 Resp: 46646

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.6

192 16.3 13.8 20.6



#50

Toluene-d8

Concen: 51.487 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045742.D

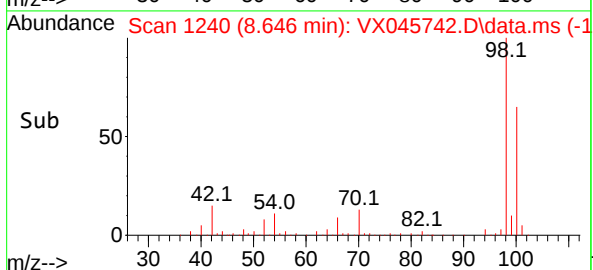
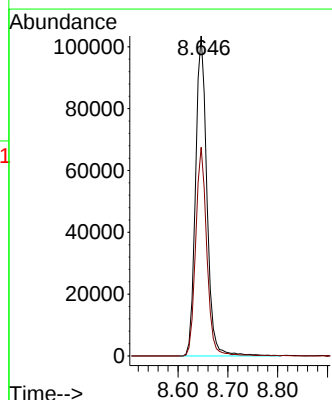
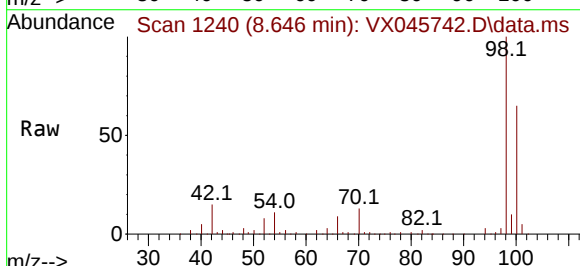
Acq: 11 Apr 2025 15:28

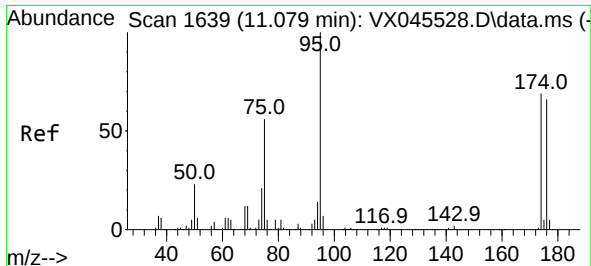
Tgt Ion: 98 Resp: 163762

Ion Ratio Lower Upper

98 100

100 63.5 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 51.542 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045742.D

Acq: 11 Apr 2025 15:28

Instrument :

MSVOA_X

ClientSampleId :

MW-2

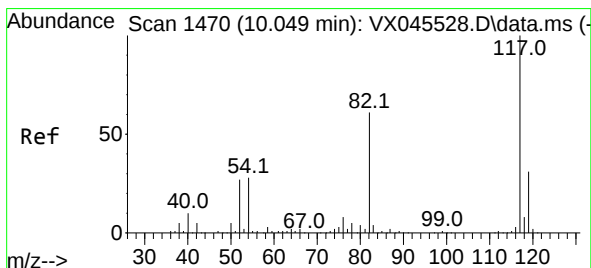
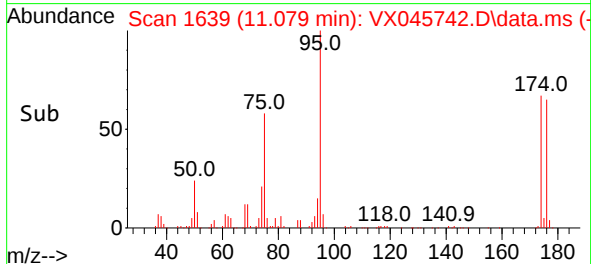
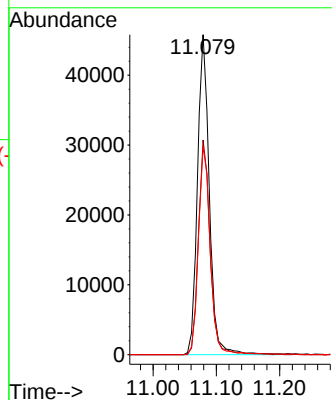
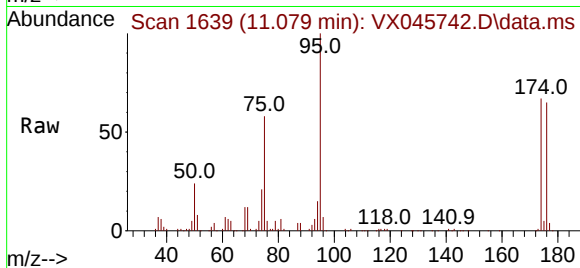
Tgt Ion: 95 Resp: 59714

Ion Ratio Lower Upper

95 100

174 66.2 0.0 135.8

176 65.0 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX045742.D

Acq: 11 Apr 2025 15:28

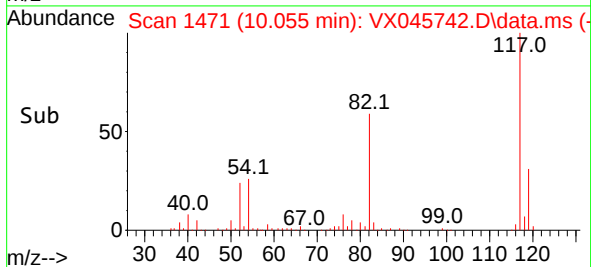
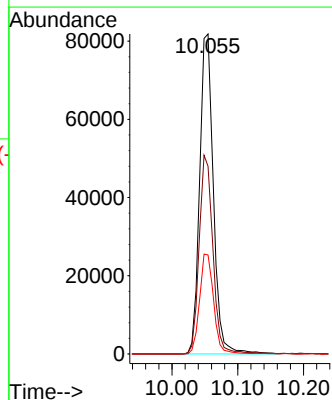
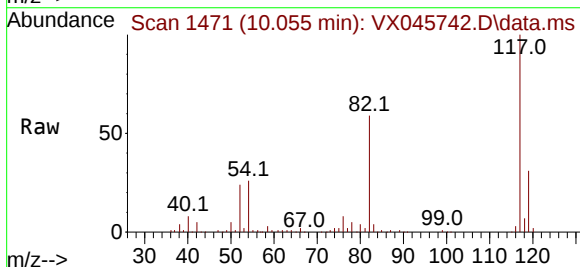
Tgt Ion: 117 Resp: 119025

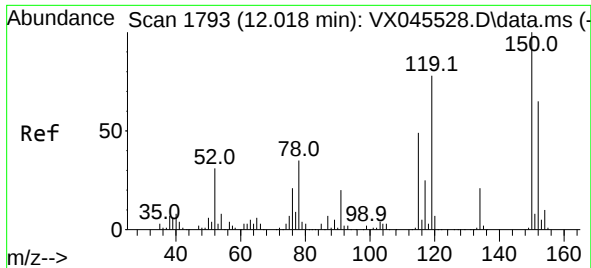
Ion Ratio Lower Upper

117 100

82 58.6 49.2 73.8

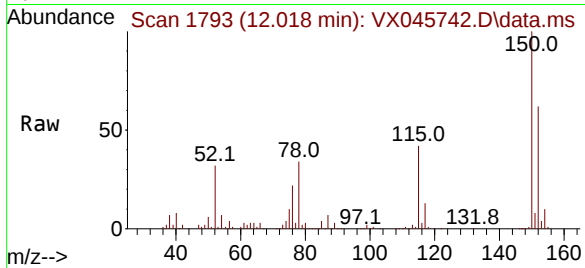
119 31.0 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045742.D
 Acq: 11 Apr 2025 15:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2



Tgt Ion:152 Resp: 49214
 Ion Ratio Lower Upper
 152 100
 115 65.1 46.9 140.7
 150 158.0 0.0 349.4

