

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047114.D
 Acq On : 24 Jul 2025 13:06
 Operator : JC/MD
 Sample : Q2481-14 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0625-OXBL

Quant Time: Jul 25 01:22:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

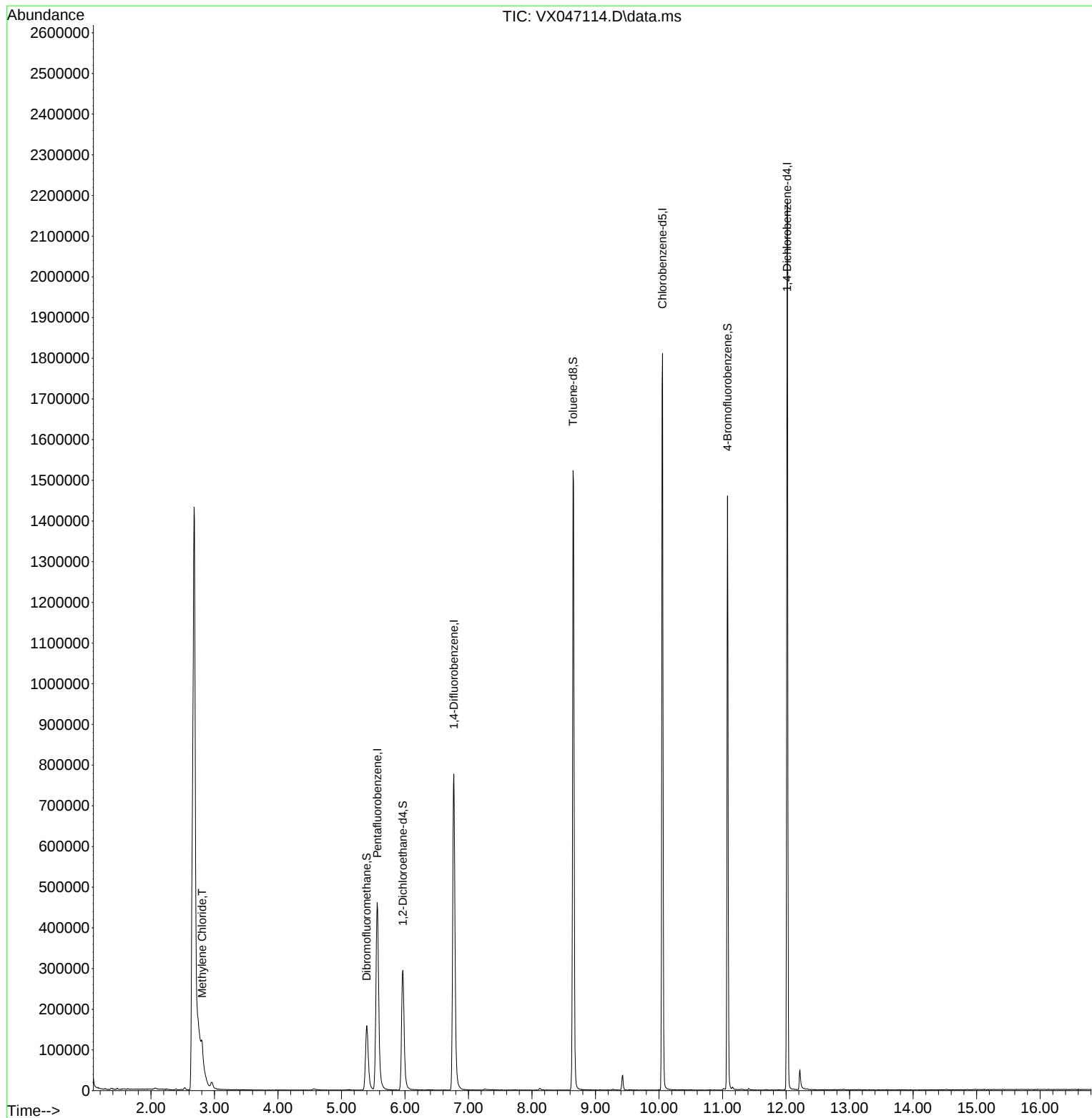
Internal Standards						
1) Pentafluorobenzene	5.562	168	452175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	826688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	795791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	405857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	314379	55.813	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 111.620%		
35) Dibromofluoromethane	5.397	113	150580	29.501	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 59.000%#		
50) Toluene-d8	8.647	98	928052	56.144	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 112.280%#		
62) 4-Bromofluorobenzene	11.079	95	382770	53.733	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.460%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.806	84	16950	2.730	ug/l	95

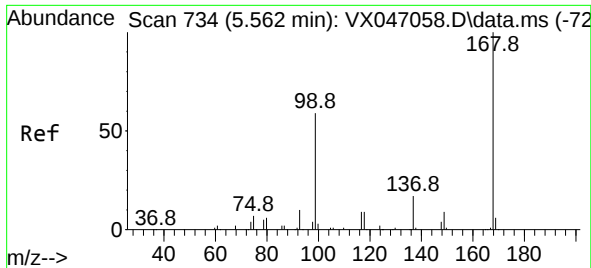
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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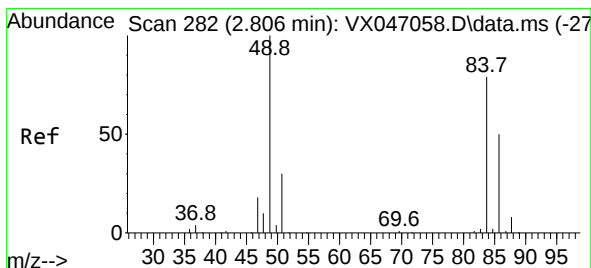
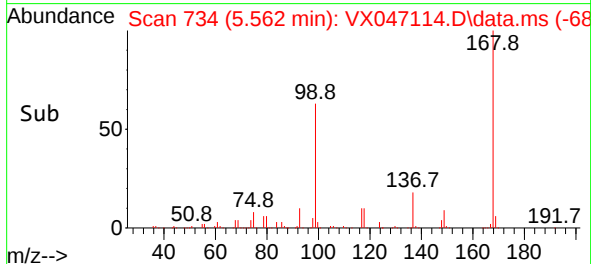
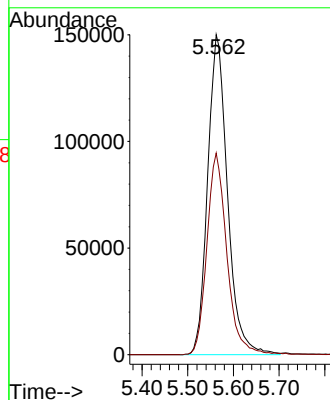
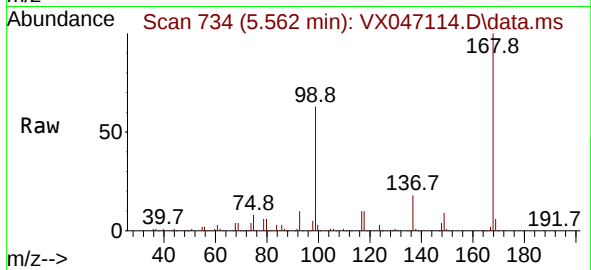




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 714
Delta R.T. 0.000 min
Lab File: VX047114.D
Acq: 24 Jul 2025 13:06

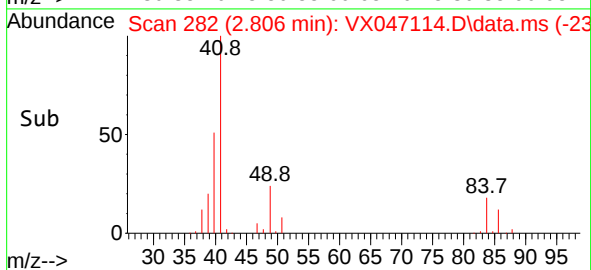
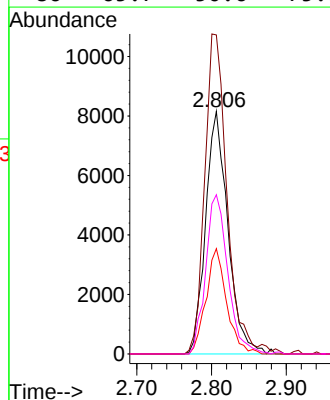
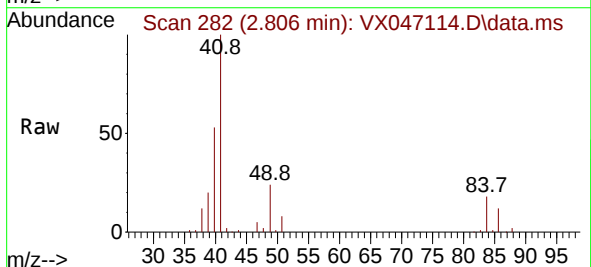
Instrument :
MSVOA_X
ClientSampleId :
CC0625-OXBL

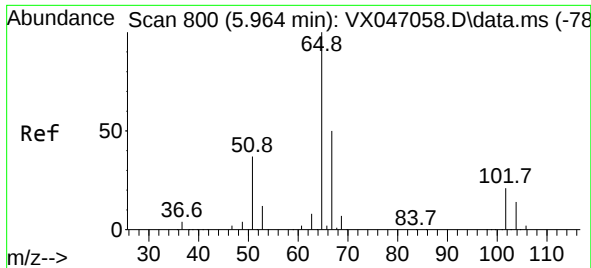
Tgt Ion:168 Resp: 452175
Ion Ratio Lower Upper
168 100
99 63.0 48.0 72.0



#20
Methylene Chloride
Concen: 2.730 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047114.D
Acq: 24 Jul 2025 13:06

Tgt Ion: 84 Resp: 16950
Ion Ratio Lower Upper
84 100
49 131.6 101.6 152.4
51 43.4 30.3 45.5
86 65.7 50.6 75.8

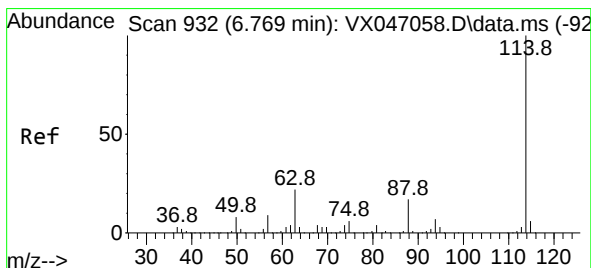
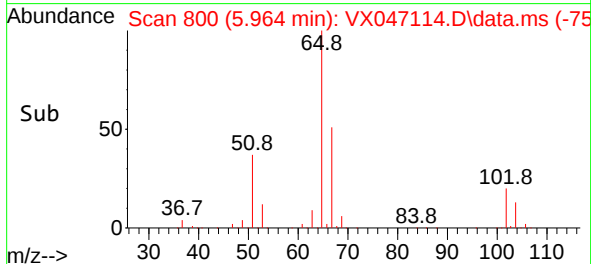
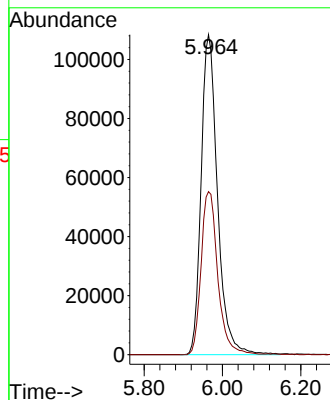
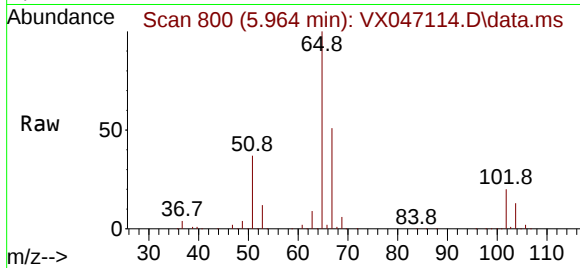




#33
 1,2-Dichloroethane-d4
 Concen: 55.813 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047114.D
 Acq: 24 Jul 2025 13:06

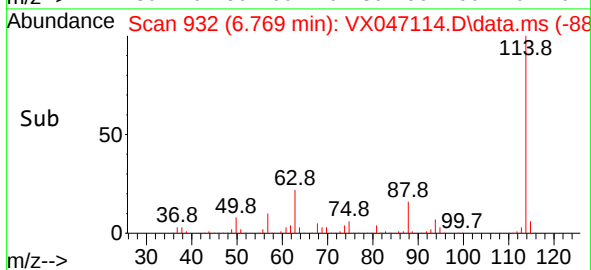
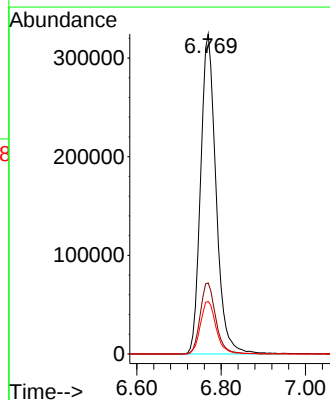
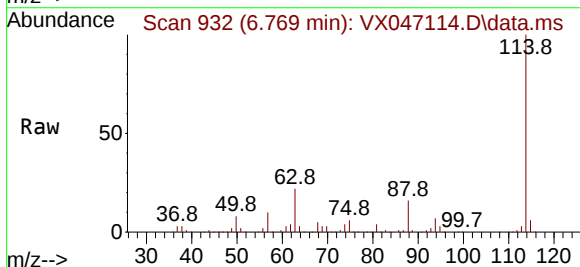
Instrument :
 MSVOA_X
 ClientSampleId :
 CC0625-OXBL

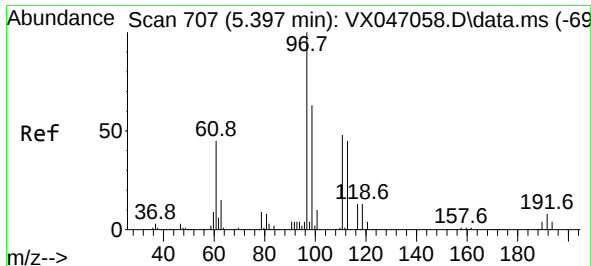
Tgt Ion: 65 Resp: 314379
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047114.D
 Acq: 24 Jul 2025 13:06

Tgt Ion: 114 Resp: 826688
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.2
 88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 29.501 ug/l

RT: 5.397 min Scan# 70

Delta R.T. 0.000 min

Lab File: VX047114.D

Acq: 24 Jul 2025 13:06

Instrument :

MSVOA_X

ClientSampleId :

CC0625-OXBL

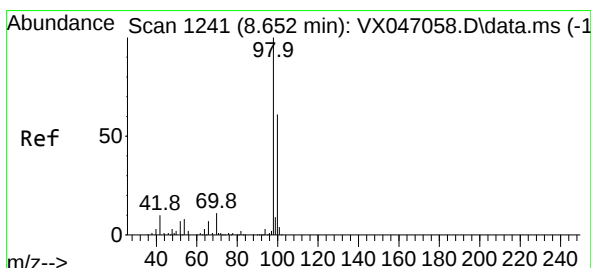
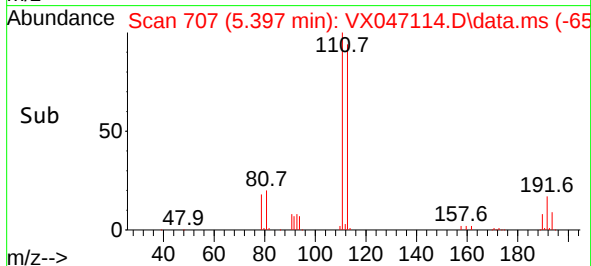
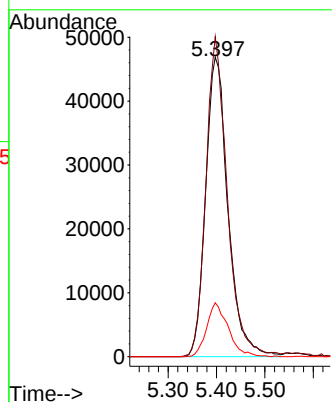
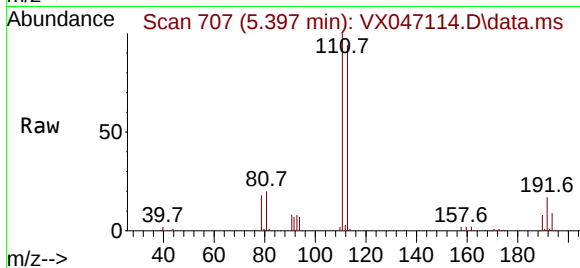
Tgt Ion:113 Resp: 150580

Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 17.4 14.9 22.3



#50

Toluene-d8

Concen: 56.144 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047114.D

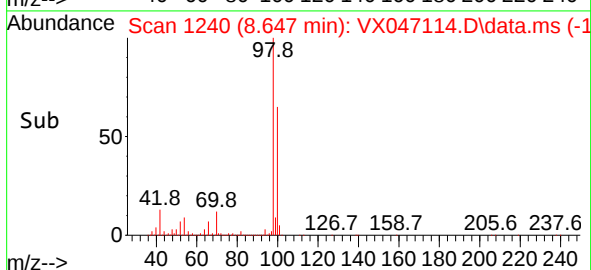
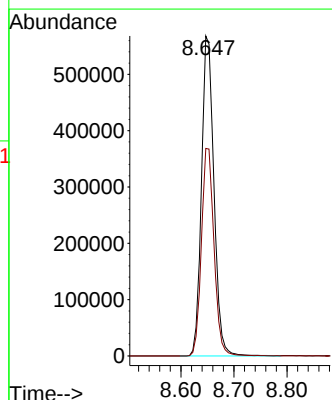
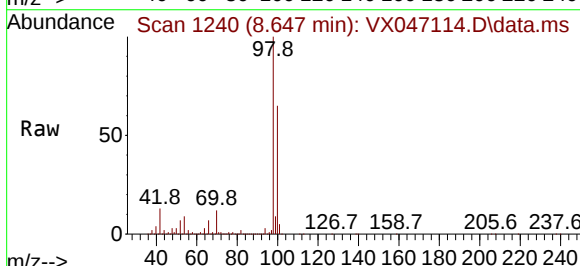
Acq: 24 Jul 2025 13:06

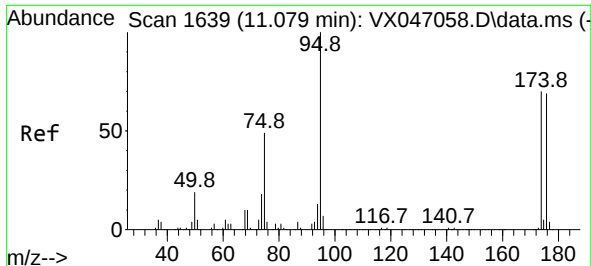
Tgt Ion: 98 Resp: 928052

Ion Ratio Lower Upper

98 100

100 65.8 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 53.733 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047114.D

Acq: 24 Jul 2025 13:06

Instrument :

MSVOA_X

ClientSampleId :

CC0625-OXBL

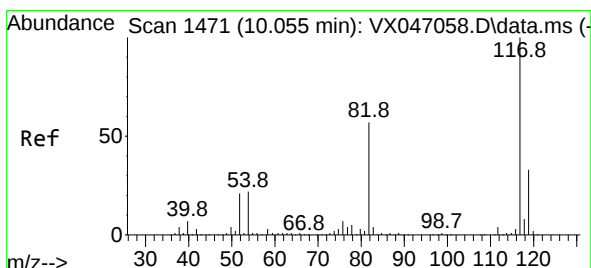
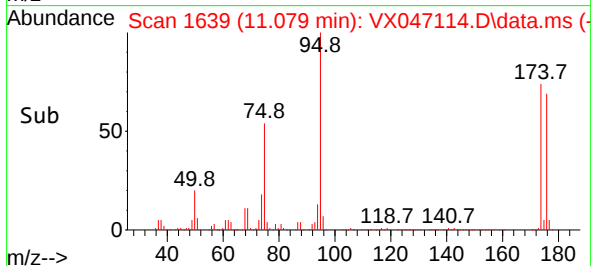
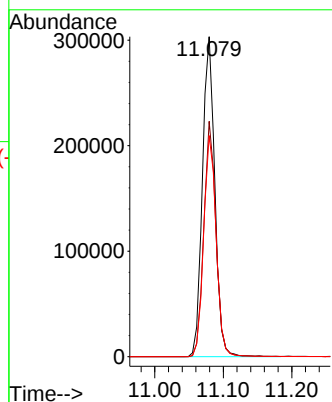
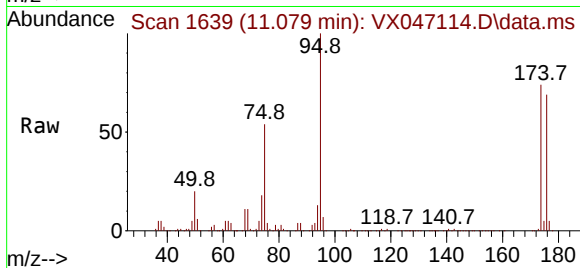
Tgt Ion: 95 Resp: 382770

Ion Ratio Lower Upper

95 100

174 72.0 0.0 144.6

176 69.7 0.0 139.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047114.D

Acq: 24 Jul 2025 13:06

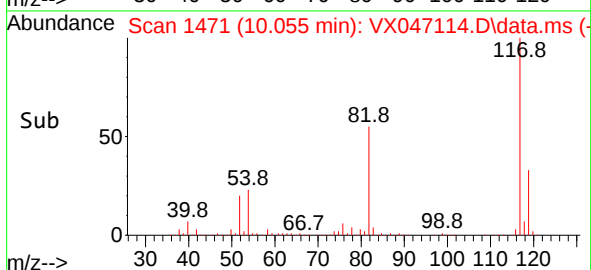
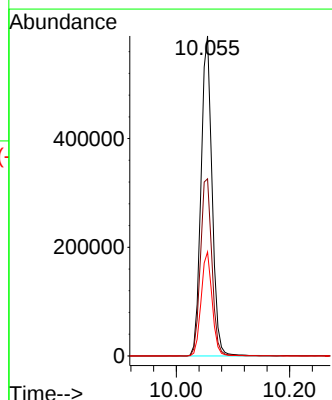
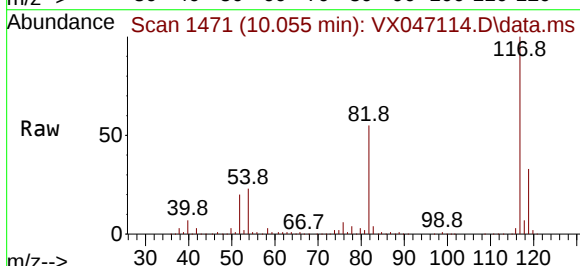
Tgt Ion: 117 Resp: 795791

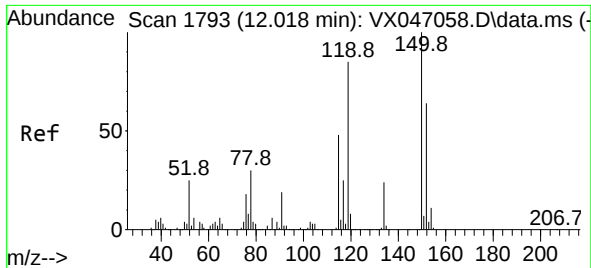
Ion Ratio Lower Upper

117 100

82 55.3 45.4 68.2

119 32.5 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047114.D

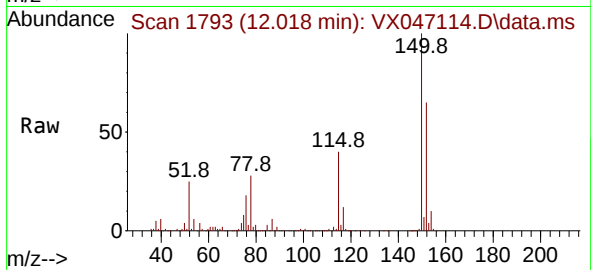
Acq: 24 Jul 2025 13:06

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 405857

Ion Ratio Lower Upper

152 100

115 63.1 45.6 136.7

150 158.2 0.0 354.6

