

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
 Data File : VX047212.D
 Acq On : 01 Aug 2025 17:25
 Operator : JC/MD
 Sample : Q2756-01 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 71725

Quant Time: Aug 02 00:28:40 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	299778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	518779	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	463494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	236082	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	191249	51.214	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.420%
35) Dibromofluoromethane	5.397	113	164788	51.446	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.900%
50) Toluene-d8	8.653	98	492285	47.457	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.920%
62) 4-Bromofluorobenzene	11.079	95	231673	51.825	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.660%

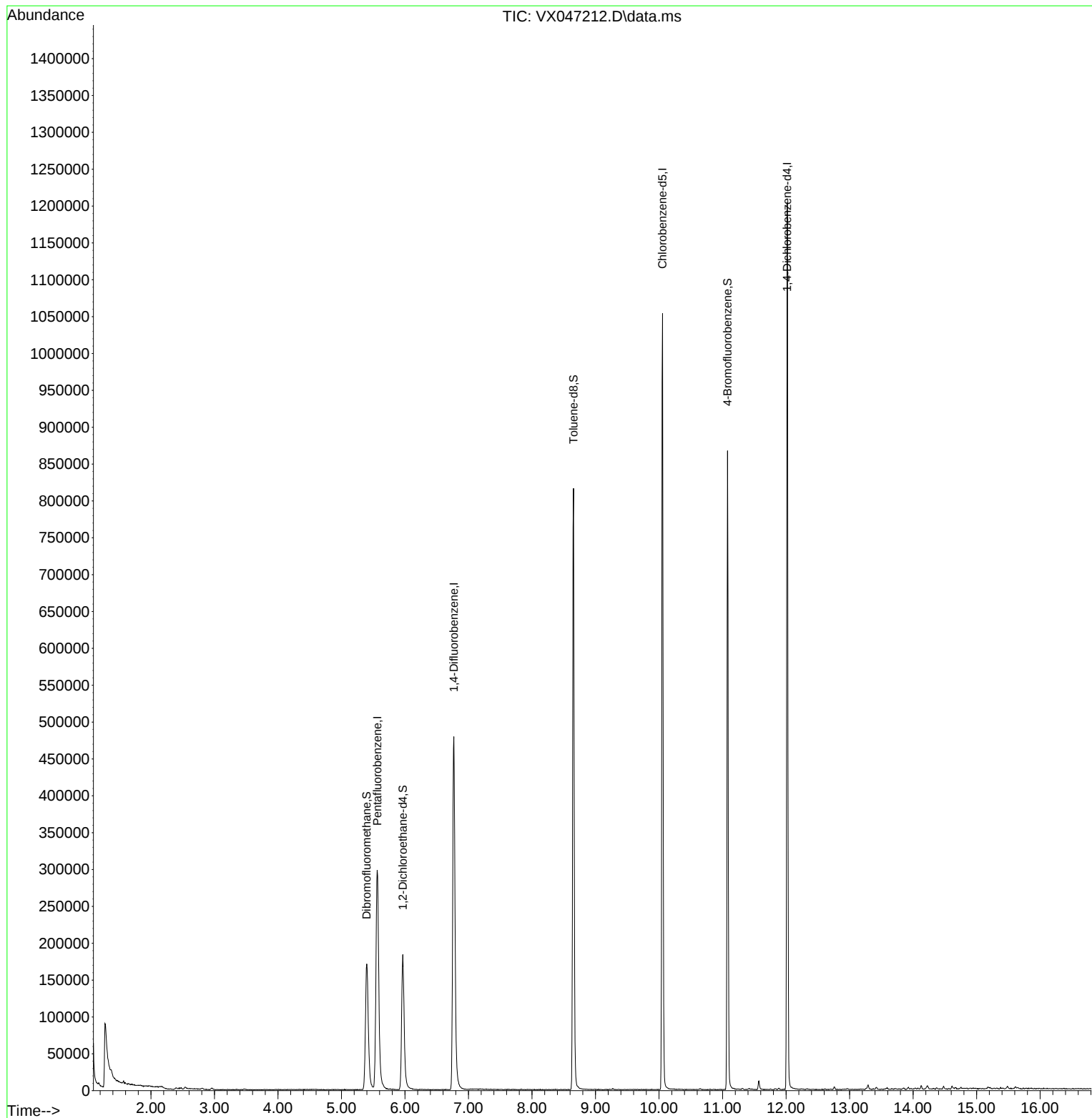
Target Compounds	Qvalue

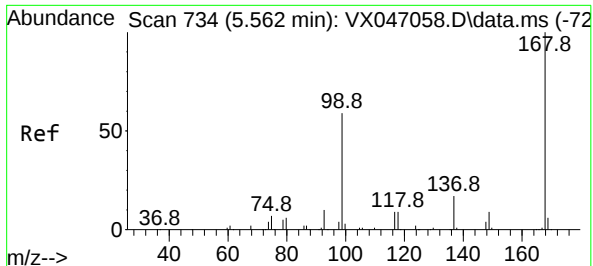
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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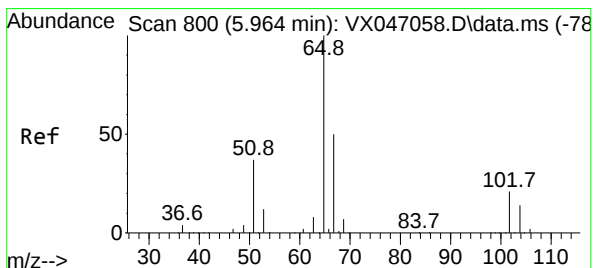
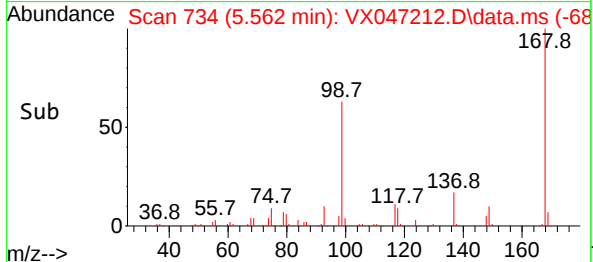
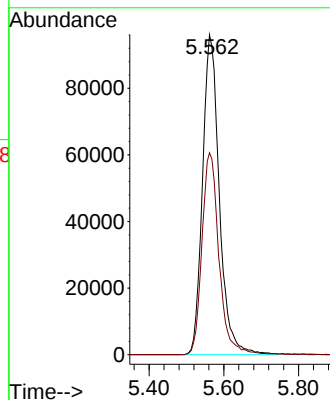
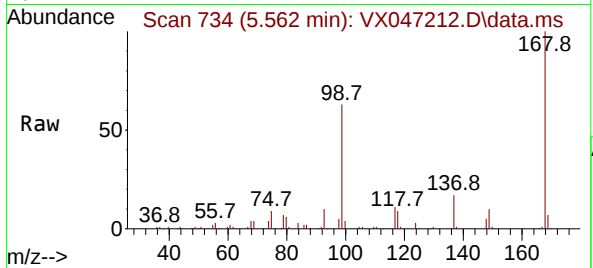




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047212.D
Acq: 01 Aug 2025 17:25

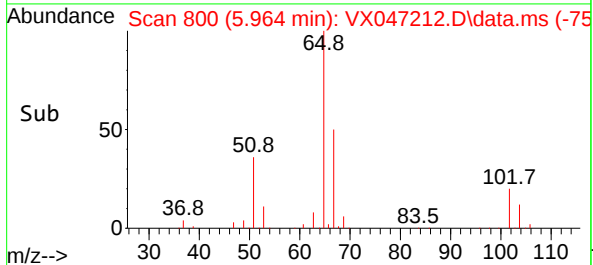
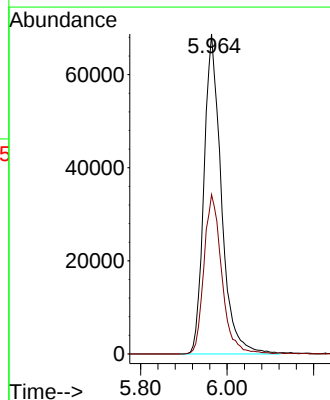
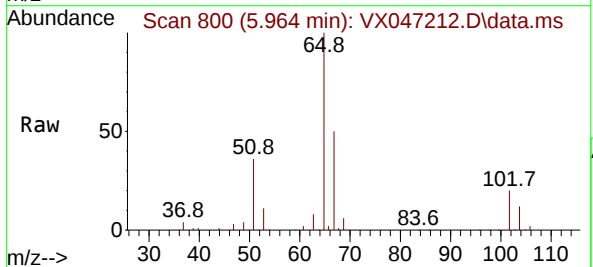
Instrument :
MSVOA_X
ClientSampleId :
71725

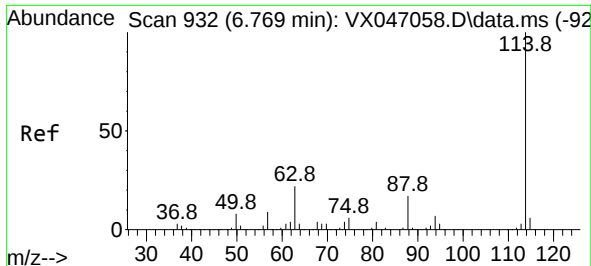
Tgt Ion:168 Resp: 299778
Ion Ratio Lower Upper
168 100
99 63.1 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 51.214 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047212.D
Acq: 01 Aug 2025 17:25

Tgt Ion: 65 Resp: 191249
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8

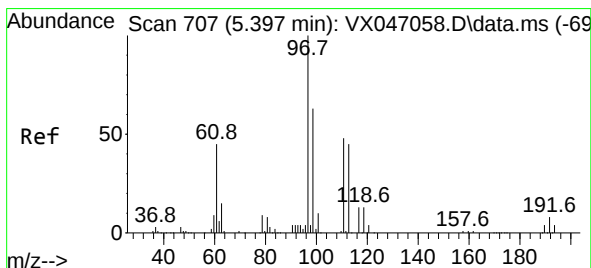
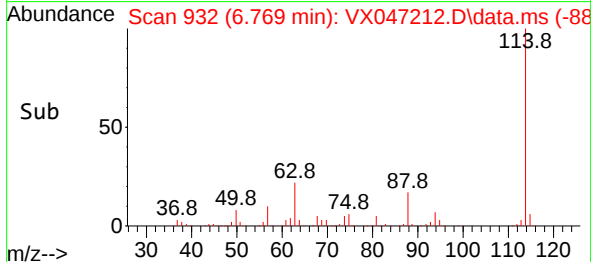
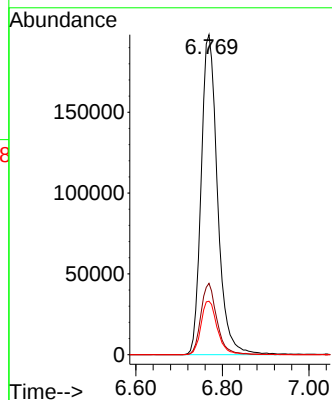
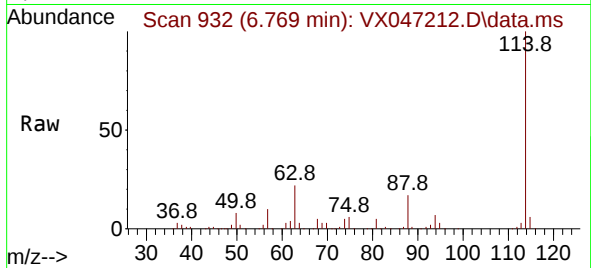




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047212.D
Acq: 01 Aug 2025 17:25

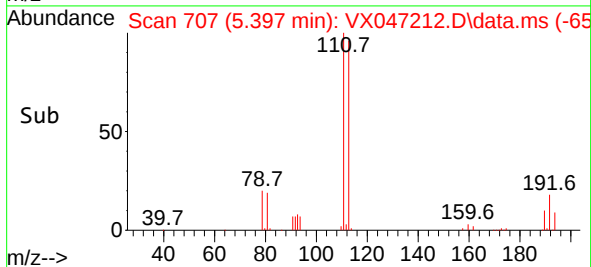
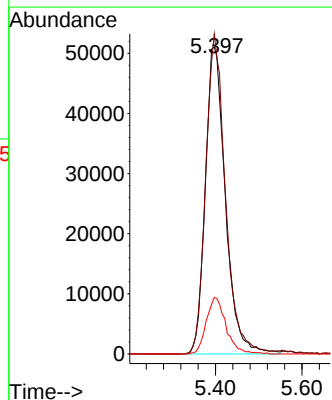
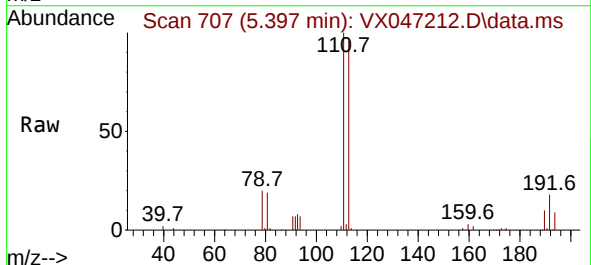
Instrument :
MSVOA_X
ClientSampleId :
71725

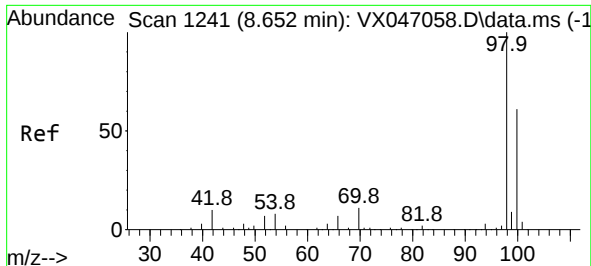
Tgt Ion:114 Resp: 518779
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.2
88 16.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 51.446 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047212.D
Acq: 01 Aug 2025 17:25

Tgt Ion:113 Resp: 164788
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 18.1 14.9 22.3

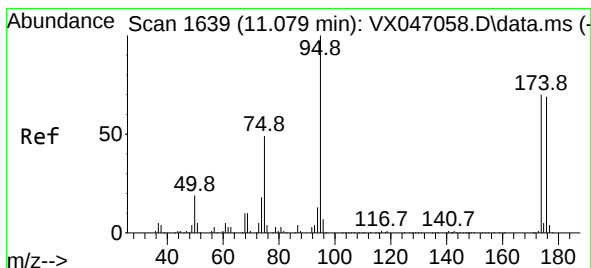
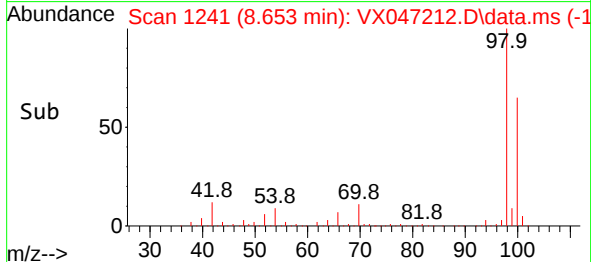
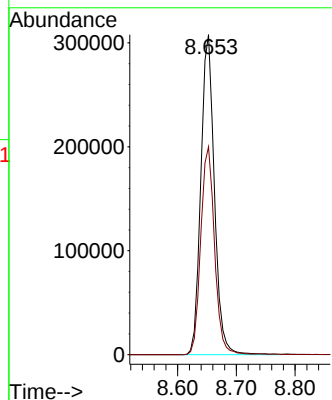
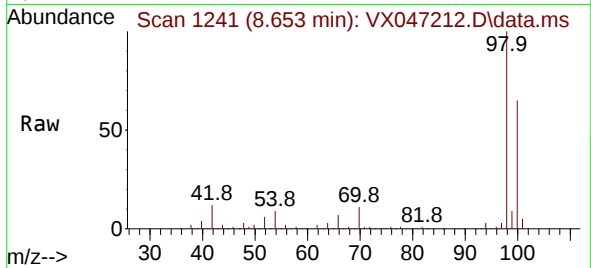




#50
Toluene-d8
Concen: 47.457 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047212.D
Acq: 01 Aug 2025 17:25

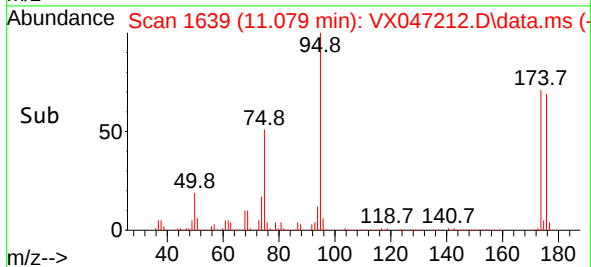
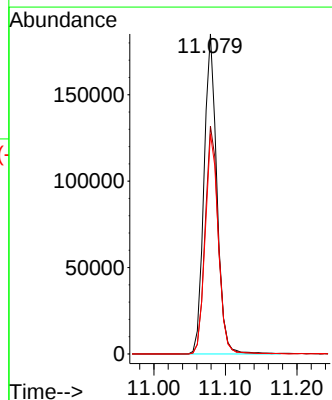
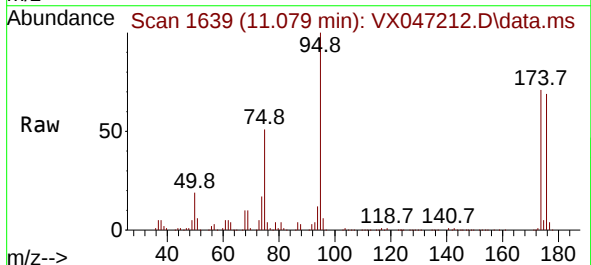
Instrument :
MSVOA_X
ClientSampleId :
71725

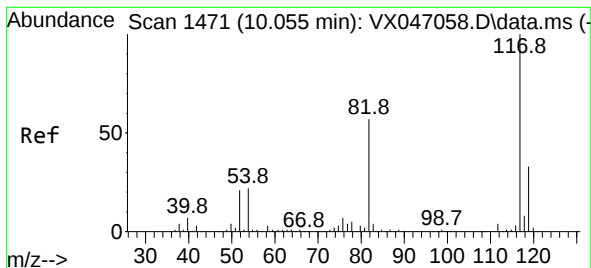
Tgt Ion: 98 Resp: 492285
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 51.825 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047212.D
Acq: 01 Aug 2025 17:25

Tgt Ion: 95 Resp: 231673
Ion Ratio Lower Upper
95 100
174 72.7 0.0 144.6
176 70.2 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: VX047212.D

Acq: 01 Aug 2025 17:25

Instrument :

MSVOA_X

ClientSampleId :

71725

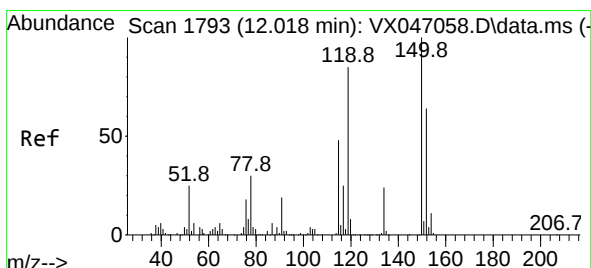
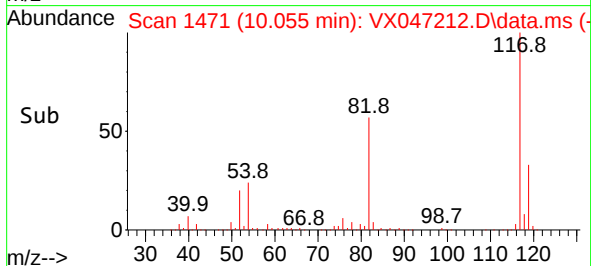
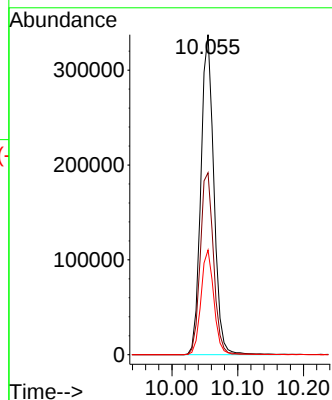
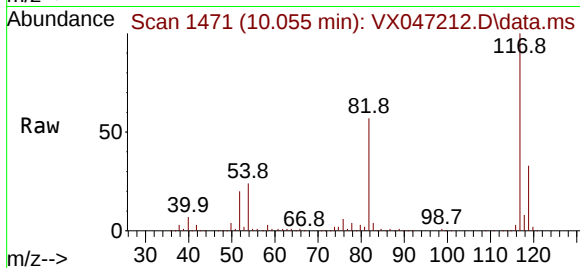
Tgt Ion:117 Resp: 463494

Ion Ratio Lower Upper

117 100

82 56.8 45.4 68.2

119 32.7 26.1 39.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047212.D

Acq: 01 Aug 2025 17:25

Tgt Ion:152 Resp: 236082

Ion Ratio Lower Upper

152 100

115 62.5 45.6 136.7

150 157.4 0.0 354.6

