

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
 Data File : VX047203.D
 Acq On : 01 Aug 2025 10:50
 Operator : JC/MD
 Sample : VX0801MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801MBL01

Quant Time: Aug 02 00:23:58 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	5.556	168	208512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	360569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	169267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149141	57.419	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.840%	
35) Dibromofluoromethane	5.391	113	116560	52.357	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.720%	
50) Toluene-d8	8.647	98	420210	58.284	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 116.560%#	
62) 4-Bromofluorobenzene	11.079	95	163706	52.690	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.380%	

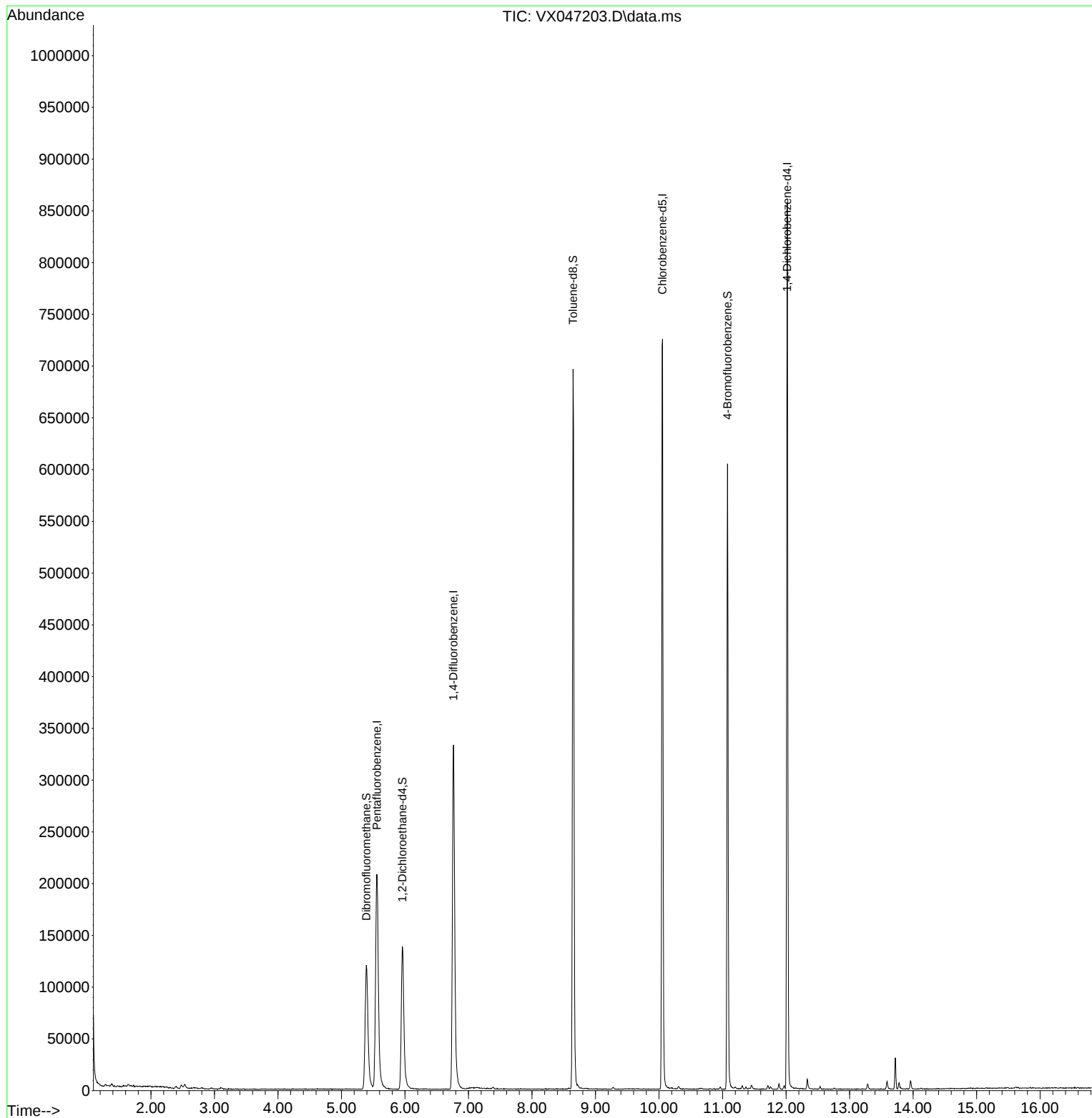
Target Compounds	Qvalue

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

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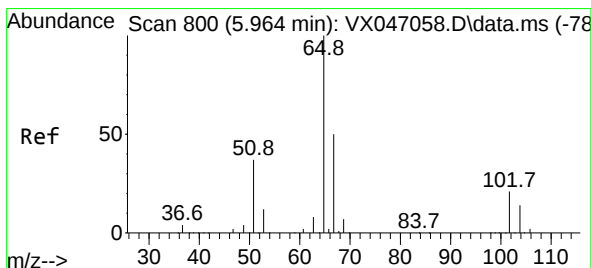
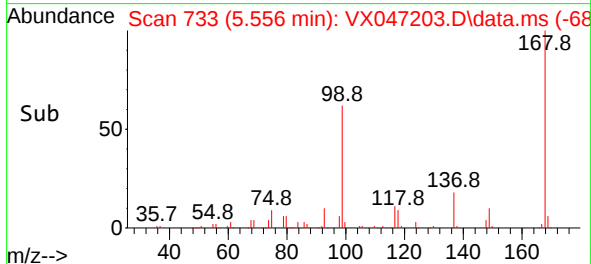
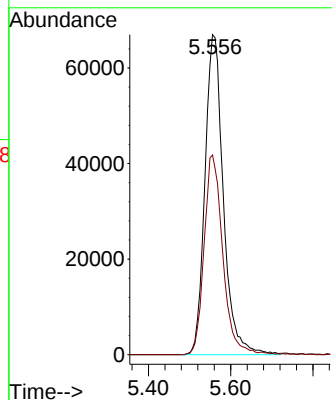
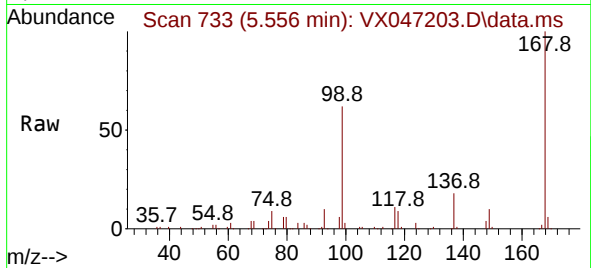




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX047203.D
Acq: 01 Aug 2025 10:50

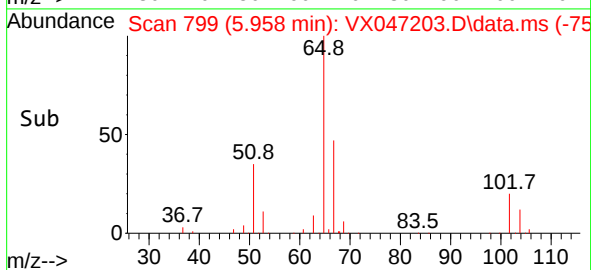
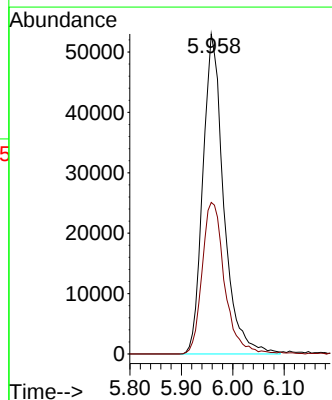
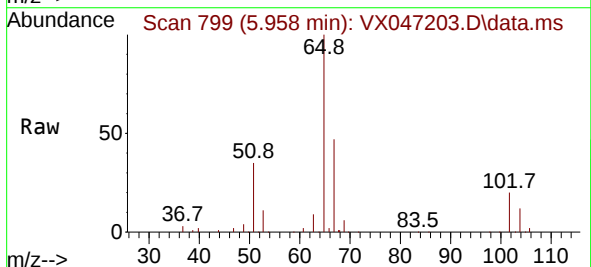
Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

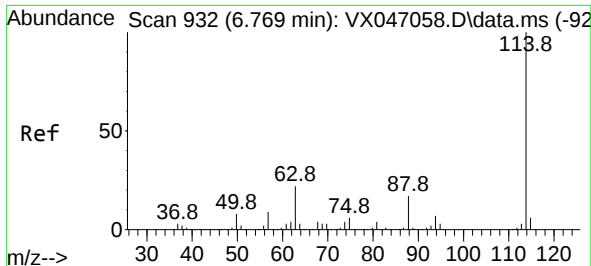
Tgt Ion:168 Resp: 208512
Ion Ratio Lower Upper
168 100
99 62.4 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 57.419 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047203.D
Acq: 01 Aug 2025 10:50

Tgt Ion: 65 Resp: 149141
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.8

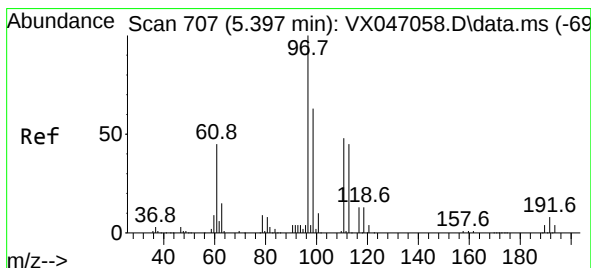
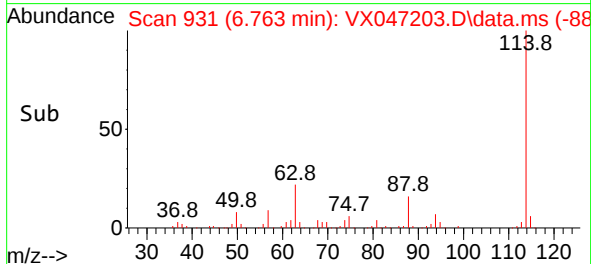
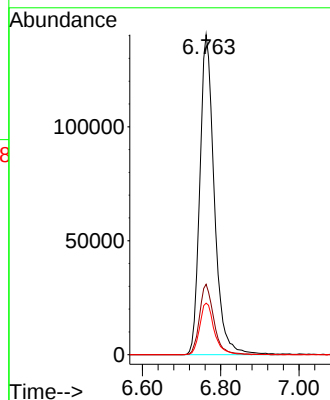
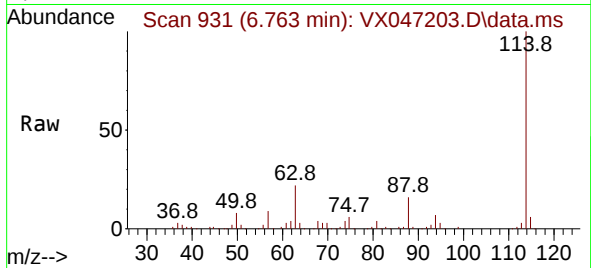




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047203.D
Acq: 01 Aug 2025 10:50

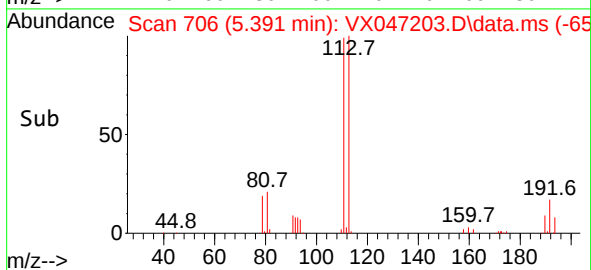
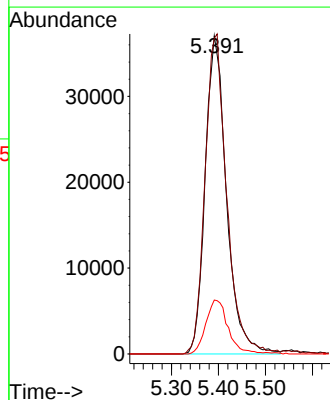
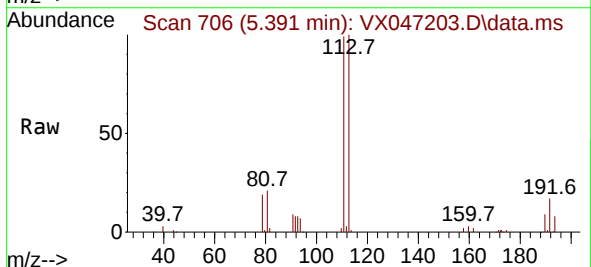
Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

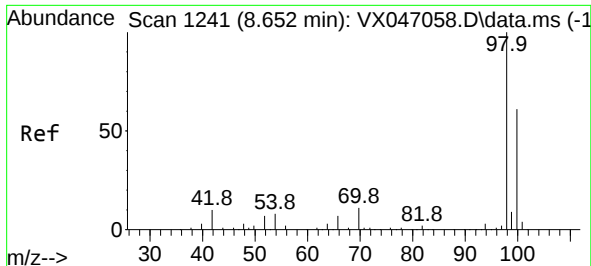
Tgt Ion:114 Resp: 360569
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.2
88 16.1 0.0 33.8



#35
Dibromofluoromethane
Concen: 52.357 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047203.D
Acq: 01 Aug 2025 10:50

Tgt Ion:113 Resp: 116560
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 17.6 14.9 22.3

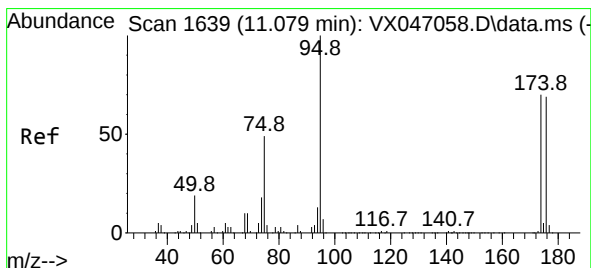
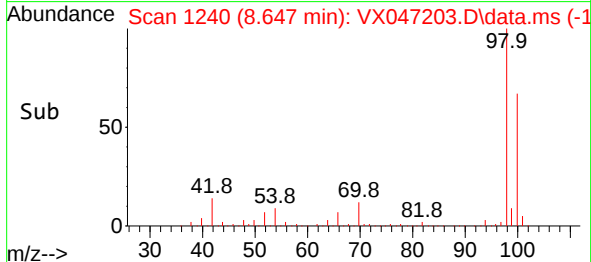
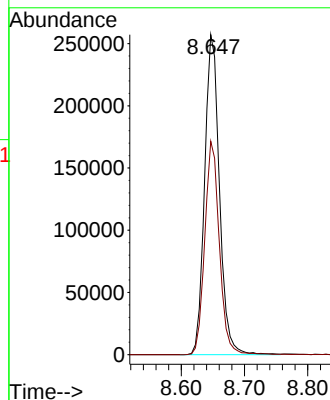
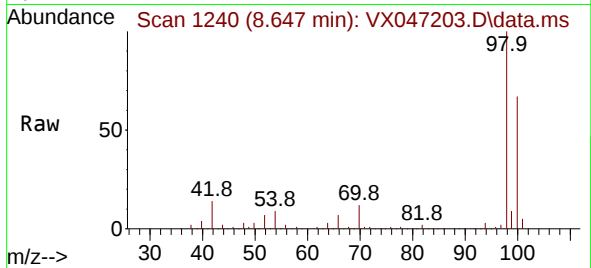




#50
Toluene-d8
Concen: 58.284 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047203.D
Acq: 01 Aug 2025 10:50

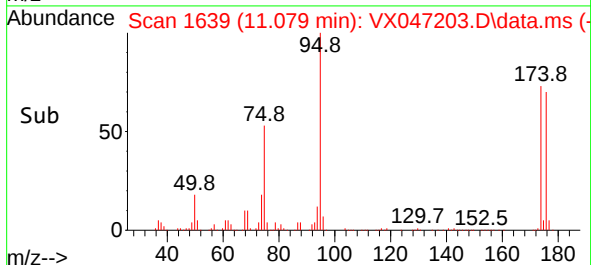
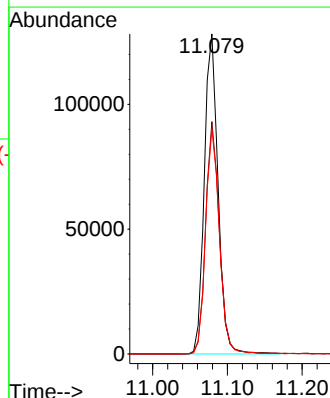
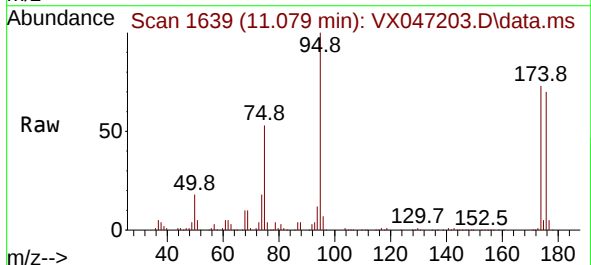
Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

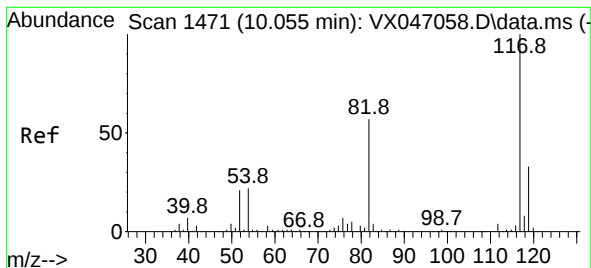
Tgt Ion: 98 Resp: 420210
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 52.690 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047203.D
Acq: 01 Aug 2025 10:50

Tgt Ion: 95 Resp: 163706
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.6
176 70.6 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: VX047203.D

Acq: 01 Aug 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0801MBL01

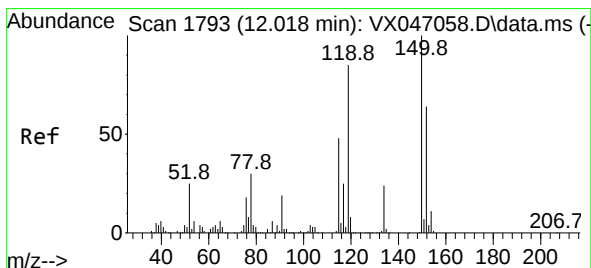
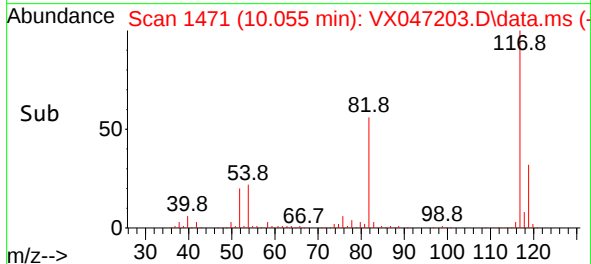
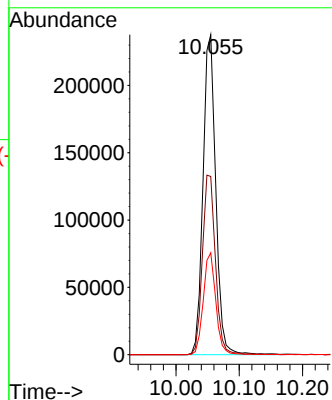
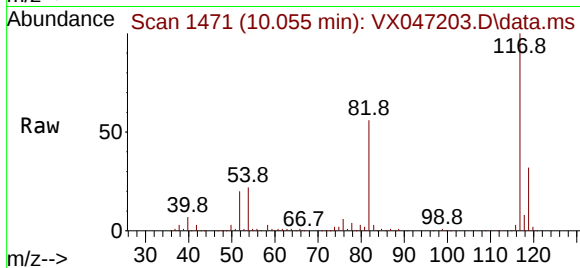
Tgt Ion:117 Resp: 333574

Ion Ratio Lower Upper

117 100

82 55.7 45.4 68.2

119 31.8 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: VX047203.D

Acq: 01 Aug 2025 10:50

Tgt Ion:152 Resp: 169267

Ion Ratio Lower Upper

152 100

115 63.0 45.6 136.7

150 158.7 0.0 354.6

