

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047221.D
 Acq On : 04 Aug 2025 11:53
 Operator : JC/MD
 Sample : Q2744-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Aug 05 02:56:27 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	393235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	730850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	701677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	352532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	263541	53.801	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.600%	
35) Dibromofluoromethane	5.397	113	220664	48.901	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.800%	
50) Toluene-d8	8.647	98	802518	54.916	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.840%	
62) 4-Bromofluorobenzene	11.079	95	332131	52.739	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.480%	

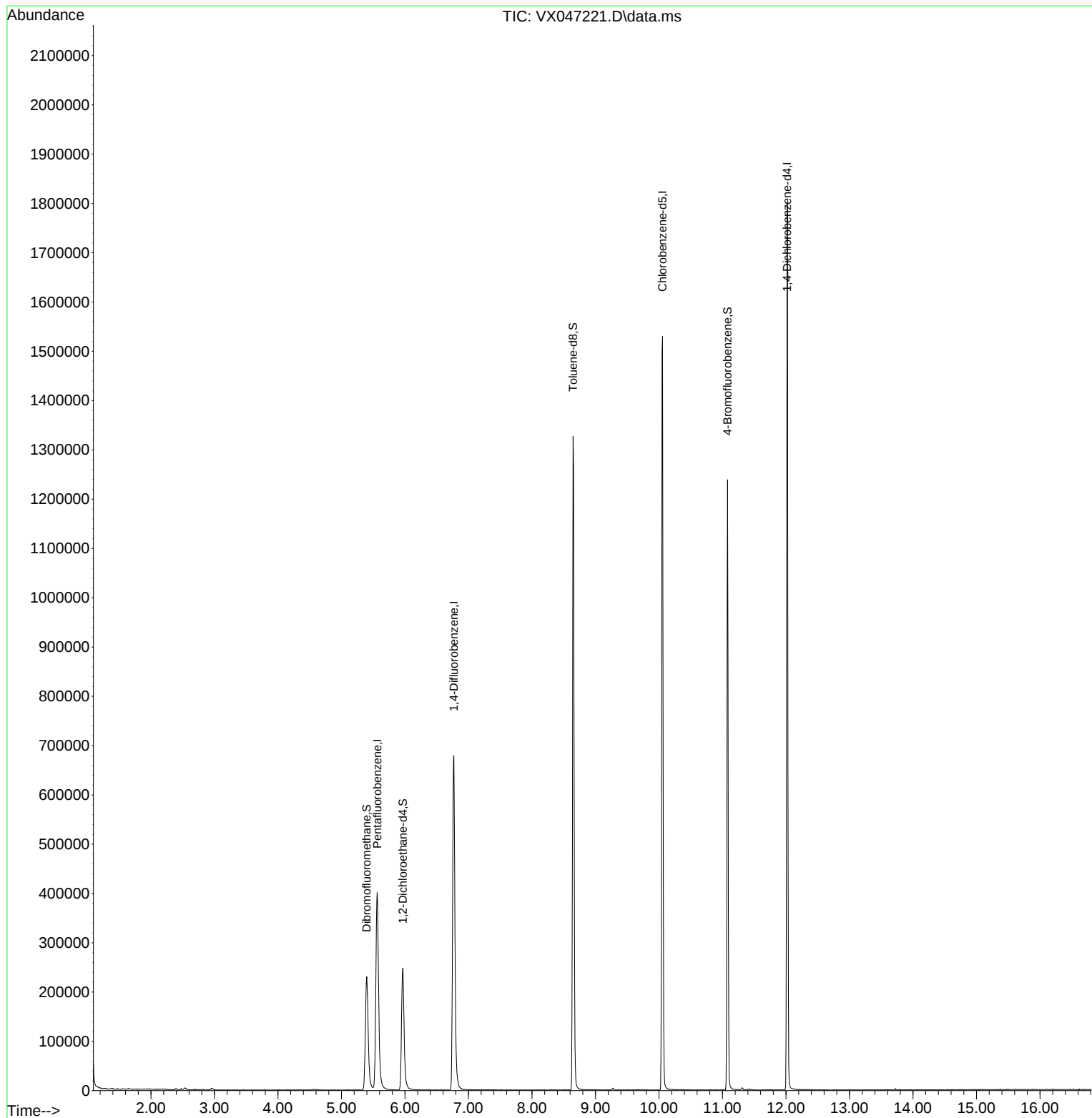
Target Compounds	Qvalue

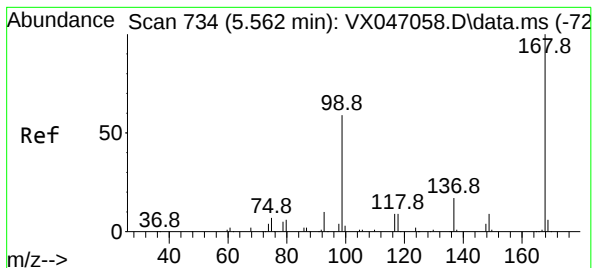
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 71

Delta R.T. 0.000 min

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Instrument :

MSVOA_X

ClientSampleId :

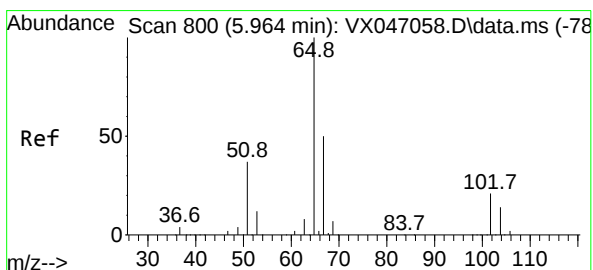
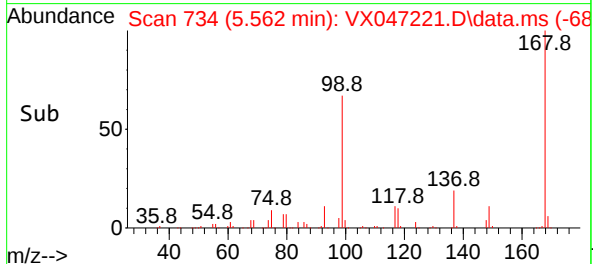
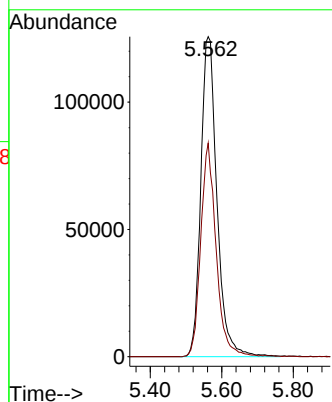
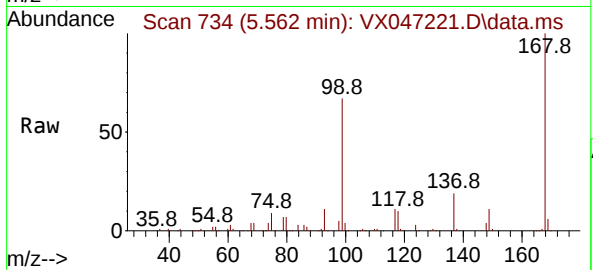
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 393235

Ion Ratio Lower Upper

168 100

99 66.7 48.0 72.0



#33

1,2-Dichloroethane-d4

Concen: 53.801 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047221.D

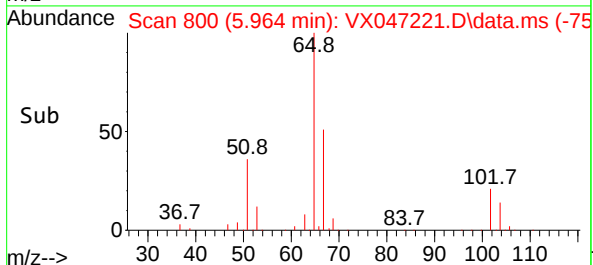
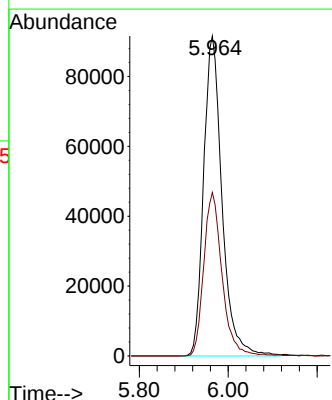
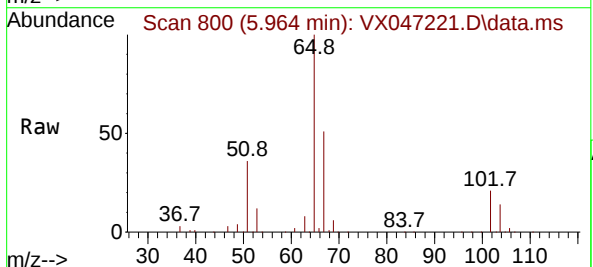
Acq: 04 Aug 2025 11:53

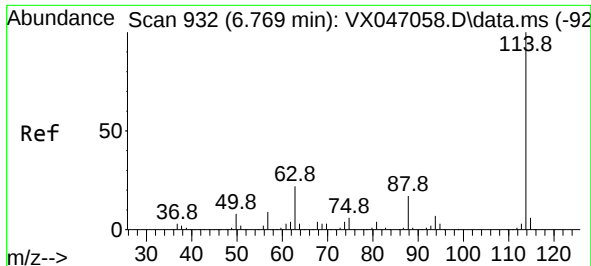
Tgt Ion: 65 Resp: 263541

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.8

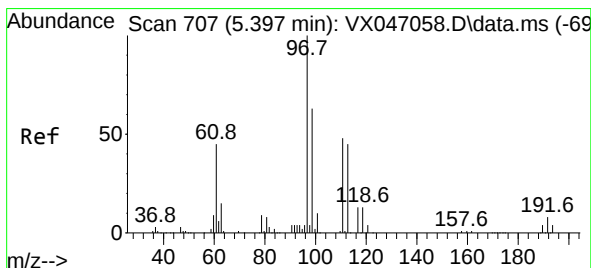
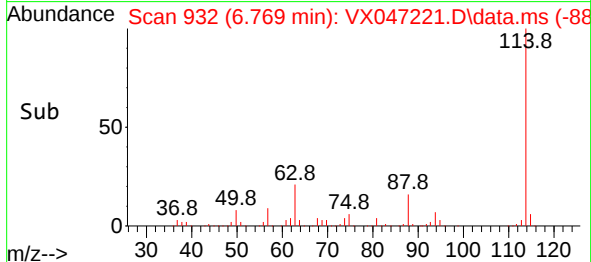
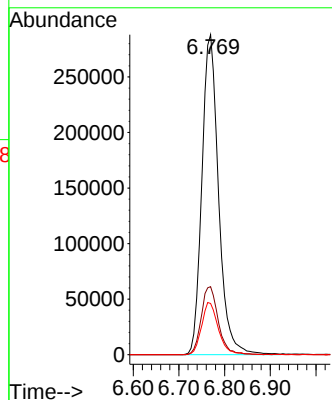
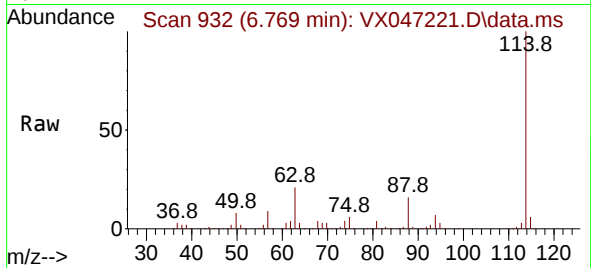




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

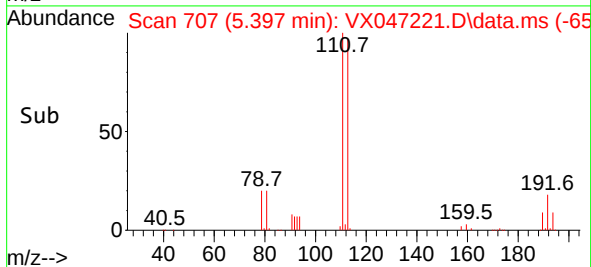
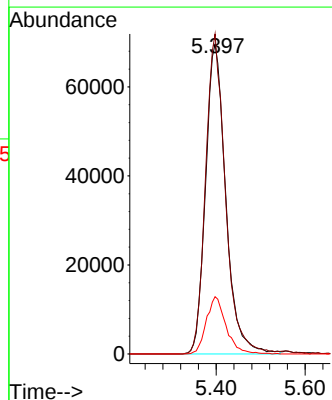
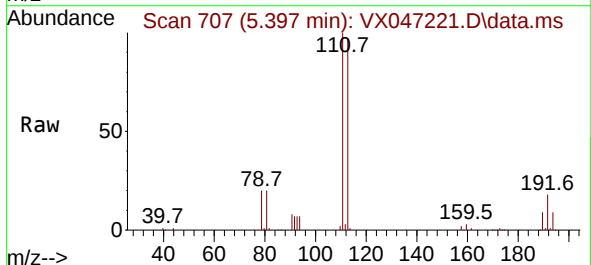
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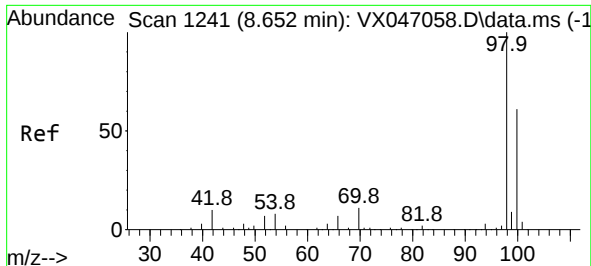
Tgt Ion:114 Resp: 730850
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.2
88 16.0 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.901 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

Tgt Ion:113 Resp: 220664
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 18.1 14.9 22.3

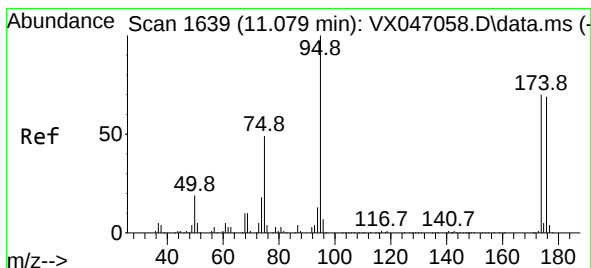
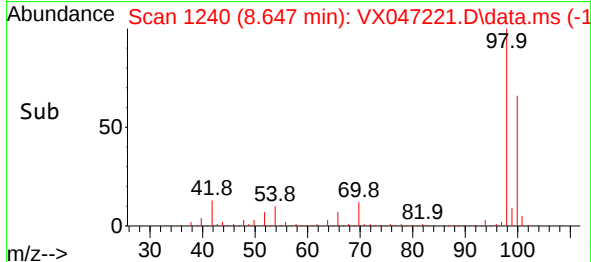
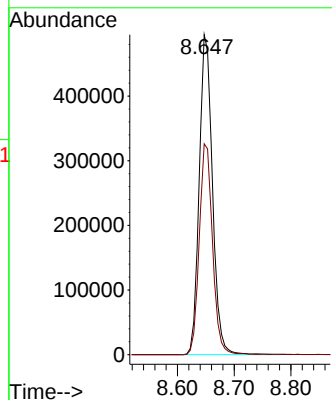
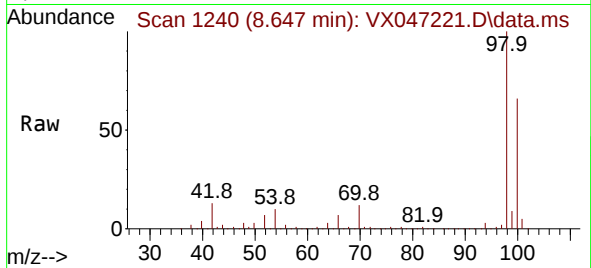




#50
Toluene-d8
Concen: 54.916 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

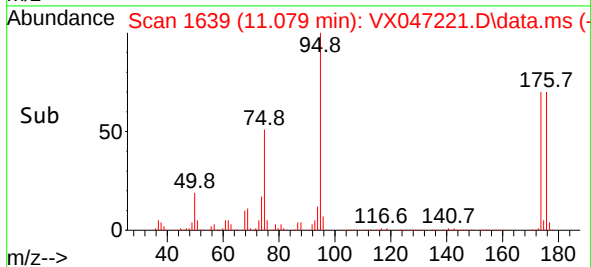
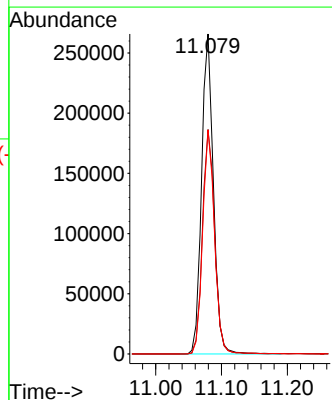
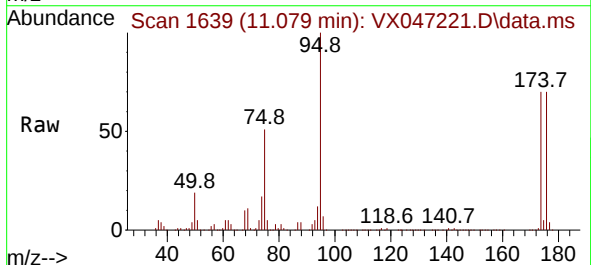
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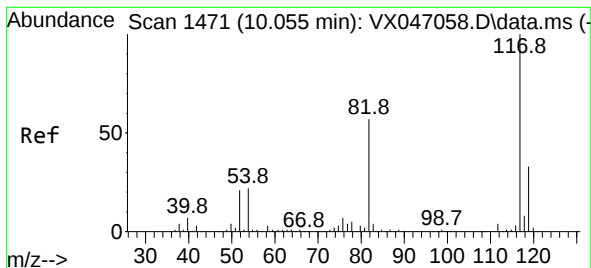
Tgt Ion: 98 Resp: 802518
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 52.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

Tgt Ion: 95 Resp: 332131
Ion Ratio Lower Upper
95 100
174 71.9 0.0 144.6
176 70.2 0.0 139.6

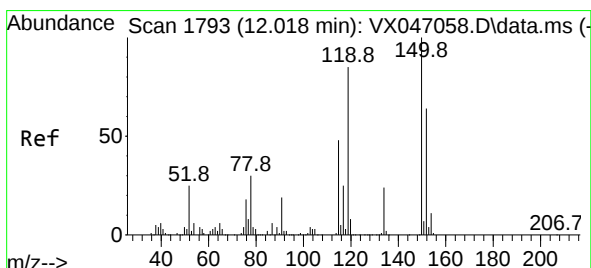
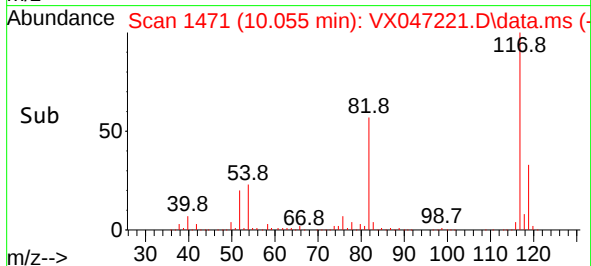
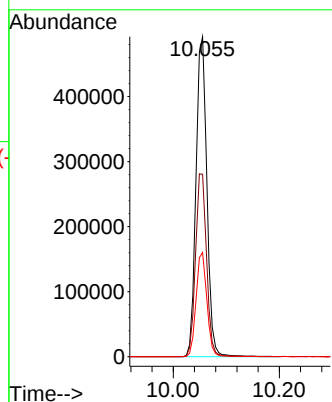
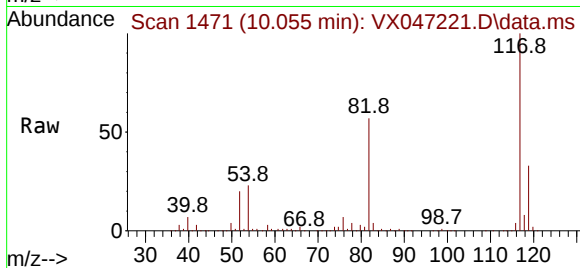




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 701677
Ion Ratio Lower Upper
117 100
82 57.0 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# 1793
Delta R.T. 0.000 min
Lab File: VX047221.D
Acq: 04 Aug 2025 11:53

Tgt Ion:152 Resp: 352532
Ion Ratio Lower Upper
152 100
115 62.7 45.6 136.7
150 157.4 0.0 354.6

