

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
 Data File : VX047565.D
 Acq On : 29 Aug 2025 13:03
 Operator : JC/MD
 Sample : Q2987-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Aug 29 23:54:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	252662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	514384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	529494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	281595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	228959	59.010	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 118.020%#	
35) Dibromofluoromethane	5.397	113	182234	51.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.240%	
50) Toluene-d8	8.653	98	640850	51.787	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.580%	
62) 4-Bromofluorobenzene	11.079	95	277376	59.665	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.340%	

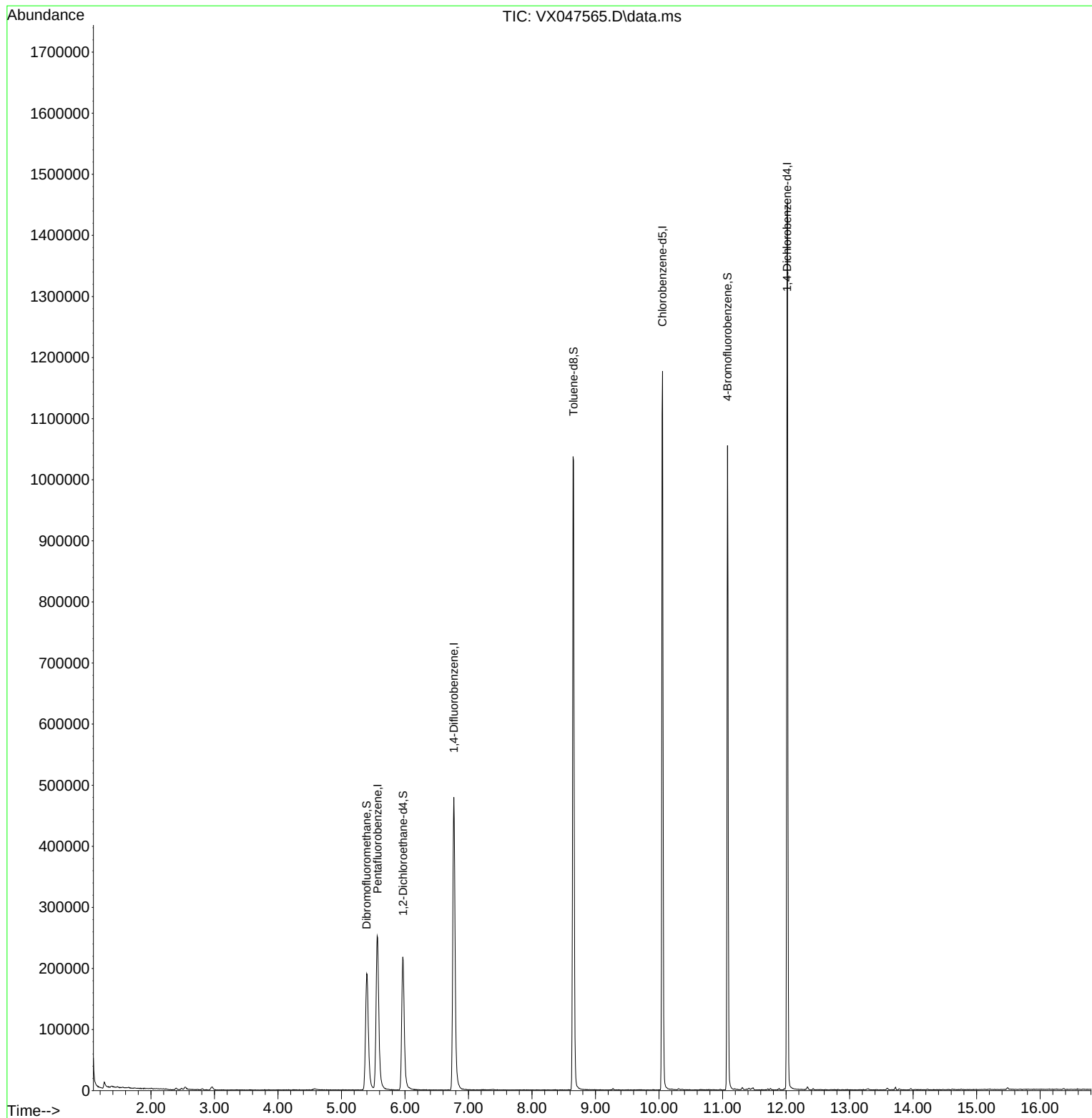
Target Compounds	Qvalue

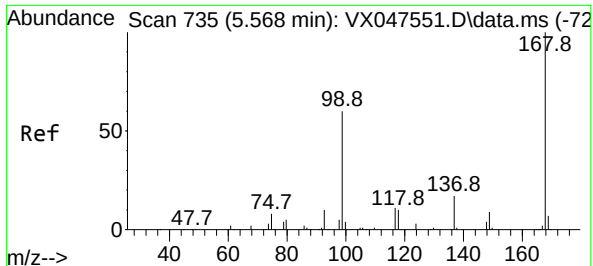
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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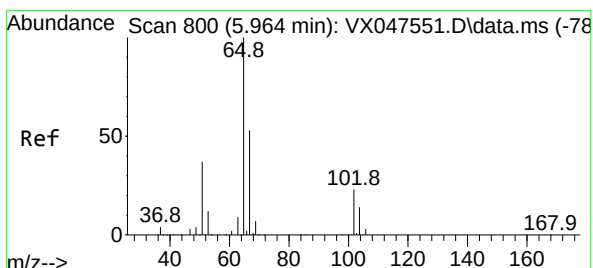
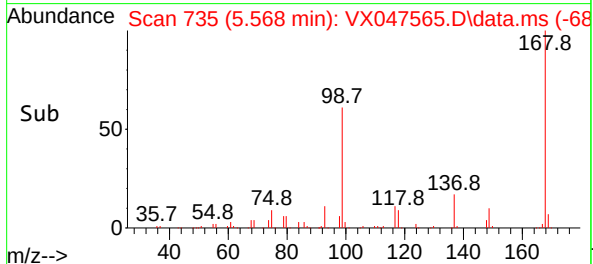
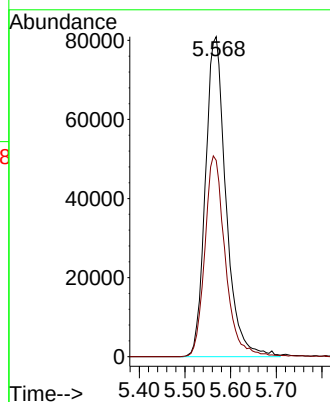
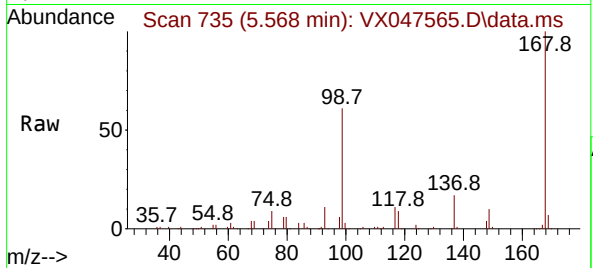




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

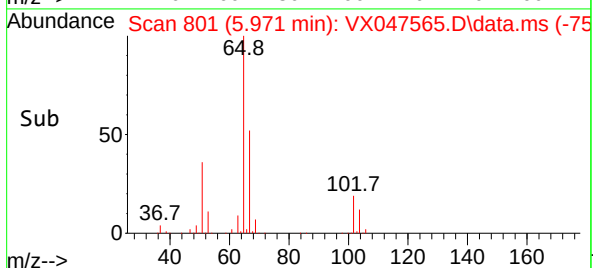
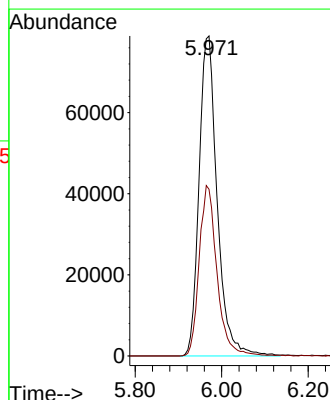
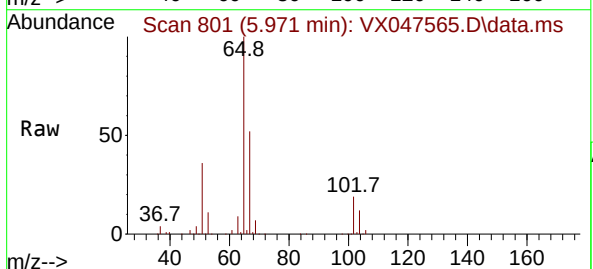
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

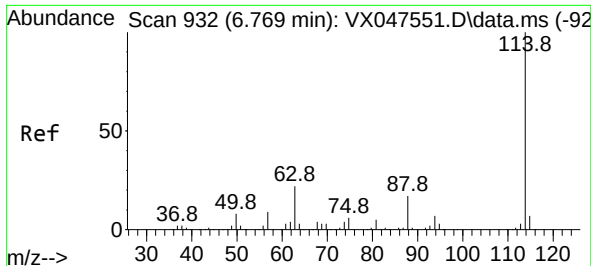
Tgt Ion:168 Resp: 252662
Ion Ratio Lower Upper
168 100
99 61.3 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 59.010 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

Tgt Ion: 65 Resp: 228959
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8

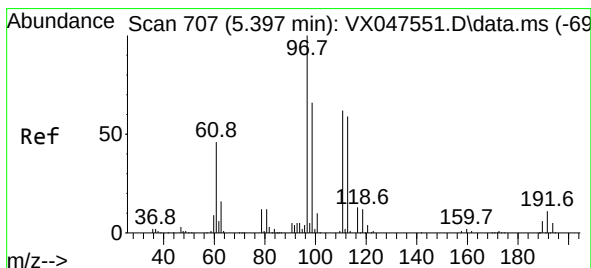
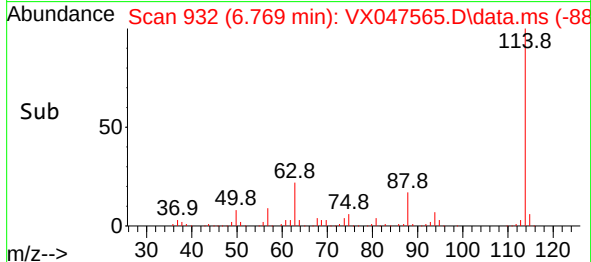
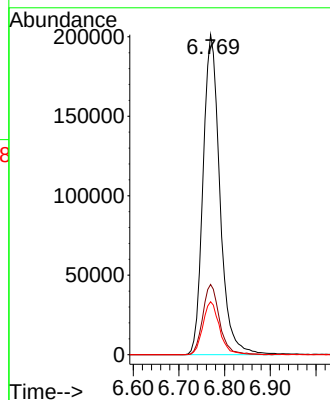
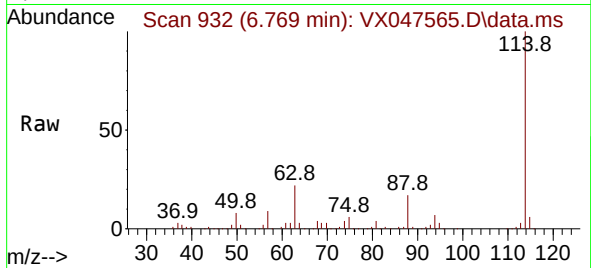




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

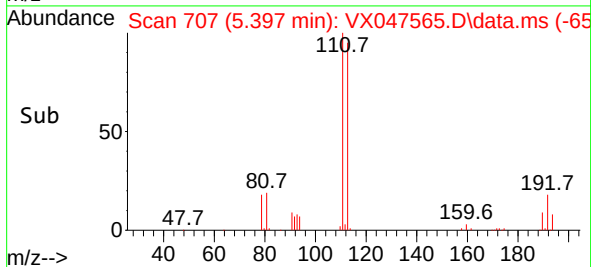
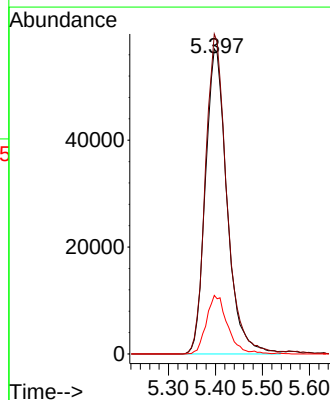
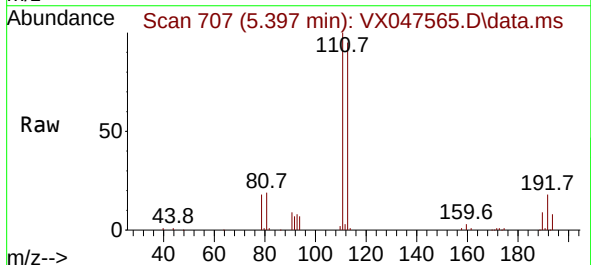
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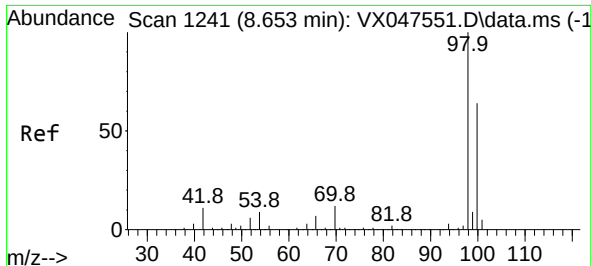
Tgt Ion:114 Resp: 514384
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.6
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.618 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

Tgt Ion:113 Resp: 182234
Ion Ratio Lower Upper
113 100
111 103.5 81.2 121.8
192 18.9 14.2 21.4

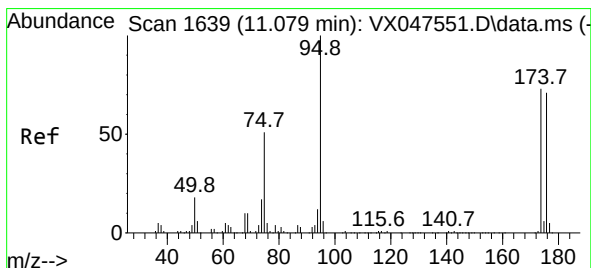
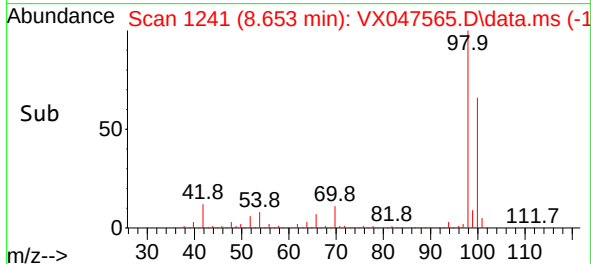
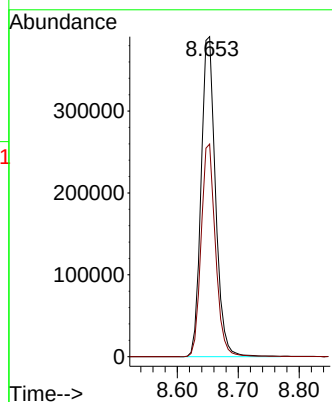
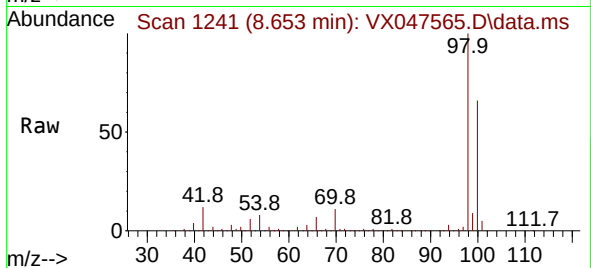




#50
Toluene-d8
Concen: 51.787 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

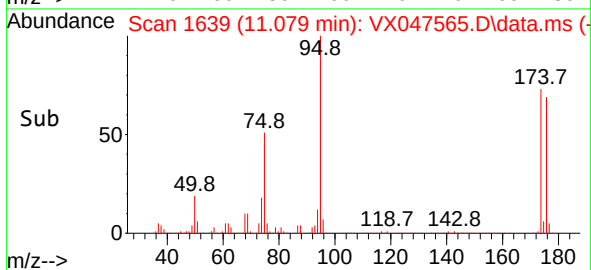
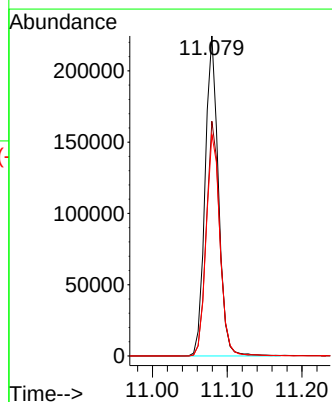
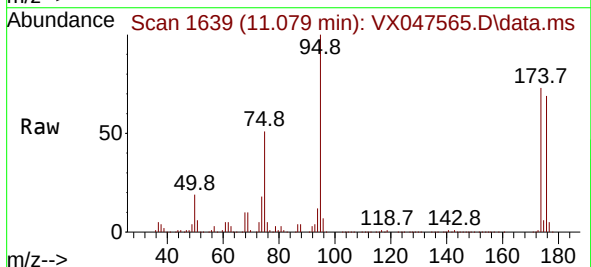
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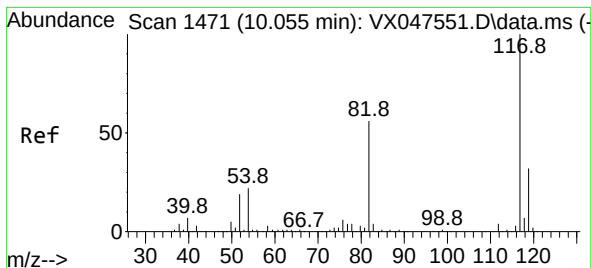
Tgt Ion: 98 Resp: 640850
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 59.665 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

Tgt Ion: 95 Resp: 277376
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.2
176 72.0 0.0 140.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX047565.D

Acq: 29 Aug 2025 13:03

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

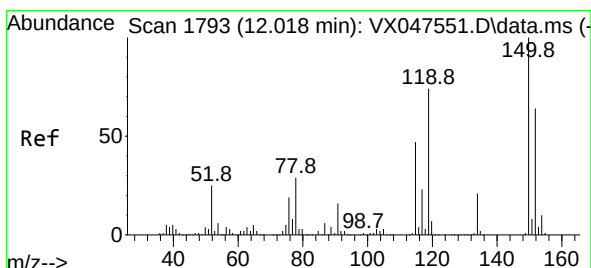
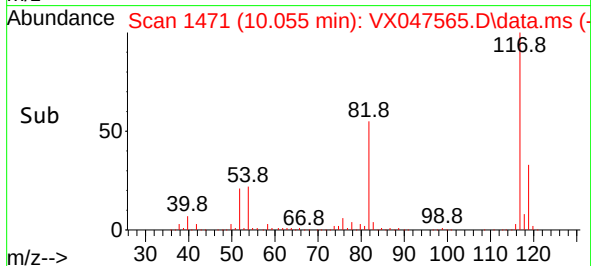
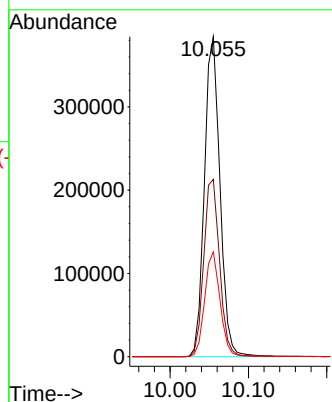
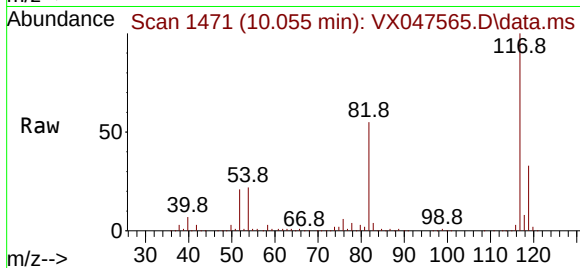
Tgt Ion:117 Resp: 529494

Ion Ratio Lower Upper

117 100

82 55.4 44.6 66.8

119 32.7 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX047565.D

Acq: 29 Aug 2025 13:03

Tgt Ion:152 Resp: 281595

Ion Ratio Lower Upper

152 100

115 61.8 42.9 128.5

150 158.0 0.0 351.0

