

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
 Data File : VX047568.D
 Acq On : 29 Aug 2025 14:06
 Operator : JC/MD
 Sample : Q2987-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 29 23:55:31 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	187608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	380427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	383453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	196025	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	160171	55.596	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.200%
35) Dibromofluoromethane	5.397	113	134511	51.516	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.040%
50) Toluene-d8	8.653	98	468747	51.218	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.440%
62) 4-Bromofluorobenzene	11.079	95	197473	57.435	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.860%

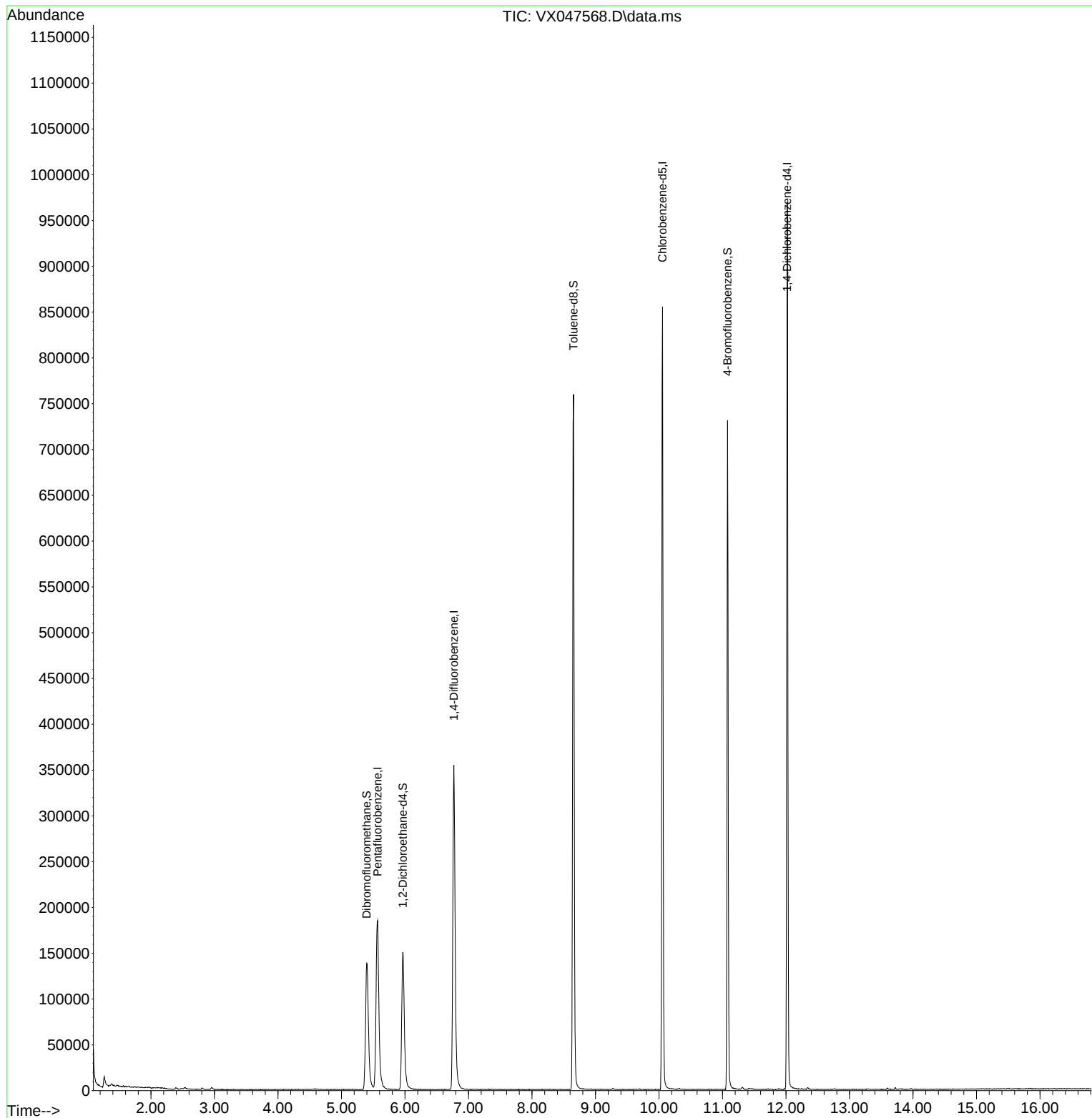
Target Compounds	Qvalue

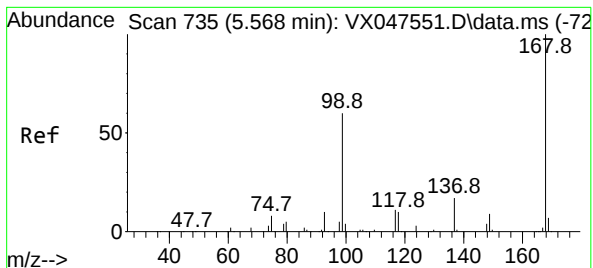
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.568 min Scan# 71

Delta R.T. 0.000 min

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ClientSampleId :

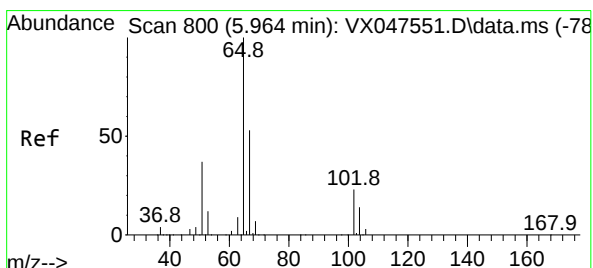
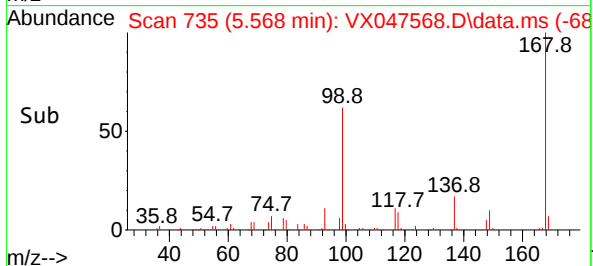
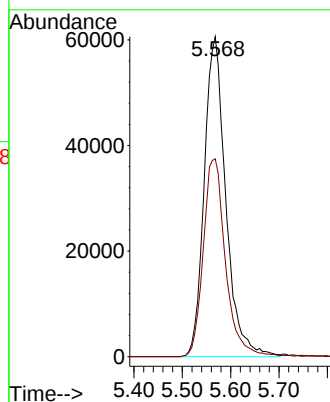
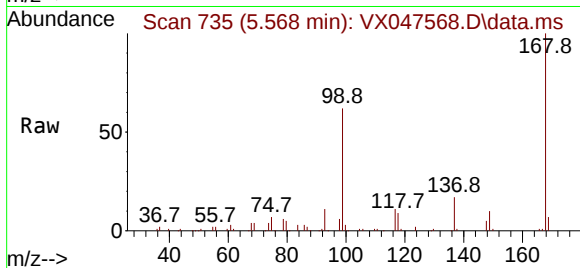
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion:168 Resp: 187608

Ion Ratio Lower Upper

168 100

99 61.9 48.9 73.3



#33

1,2-Dichloroethane-d4

Concen: 55.596 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX047568.D

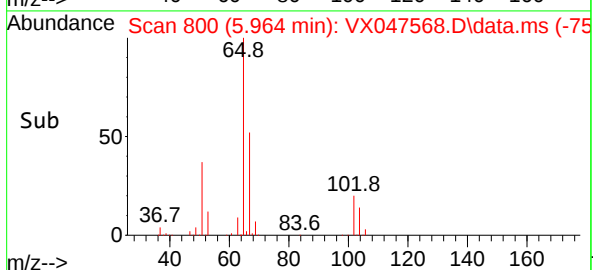
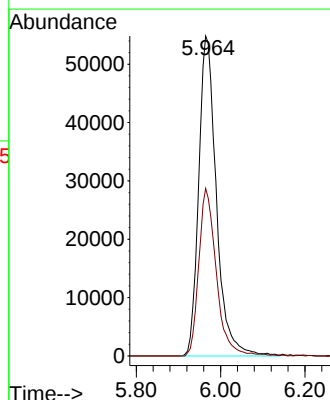
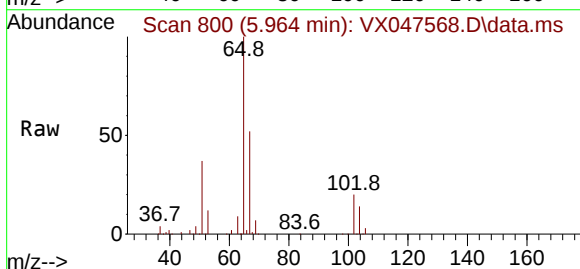
Acq: 29 Aug 2025 14:06

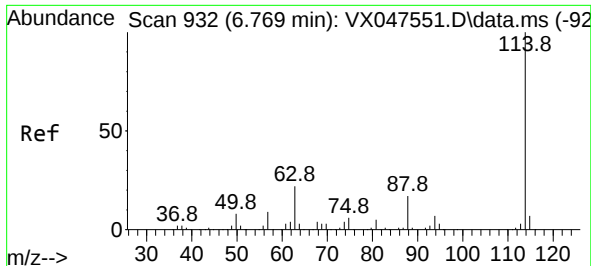
Tgt Ion: 65 Resp: 160171

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8

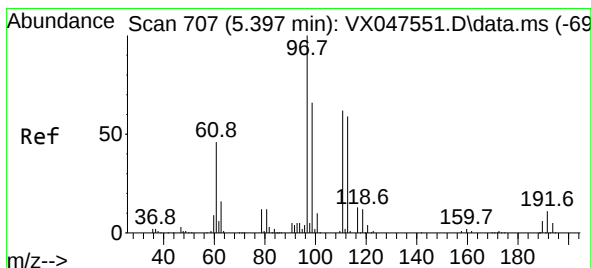
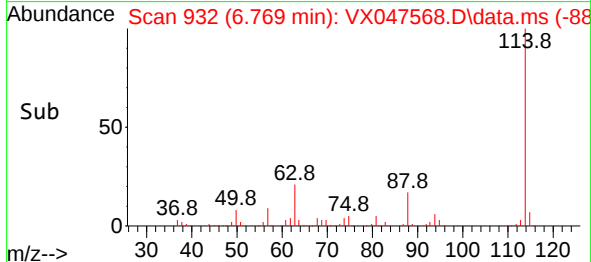
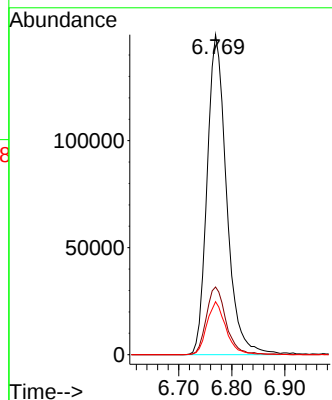
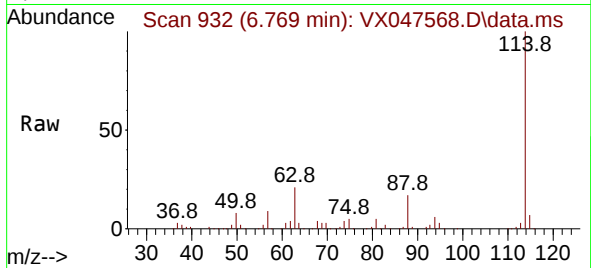




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047568.D
Acq: 29 Aug 2025 14:06

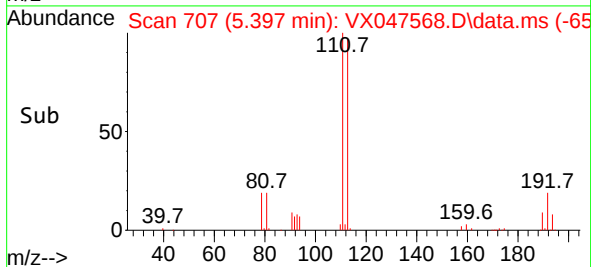
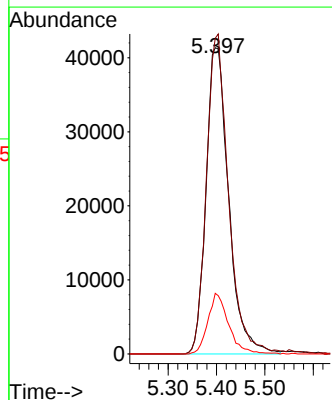
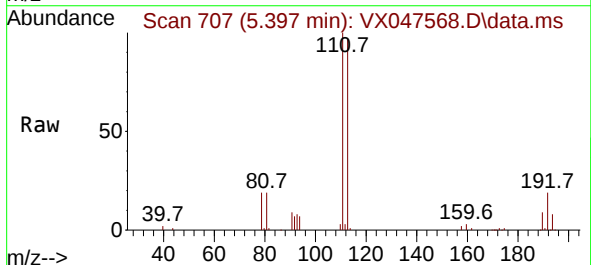
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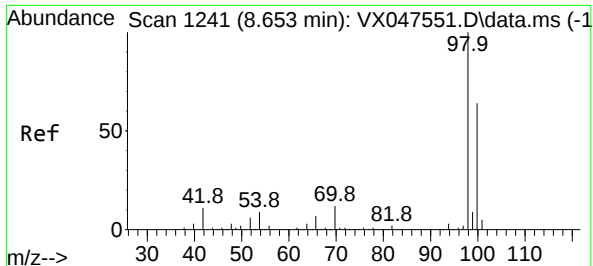
Tgt Ion:114 Resp: 380427
Ion Ratio Lower Upper
114 100
63 24.0 0.0 43.6
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.516 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047568.D
Acq: 29 Aug 2025 14:06

Tgt Ion:113 Resp: 134511
Ion Ratio Lower Upper
113 100
111 101.8 81.2 121.8
192 18.2 14.2 21.4

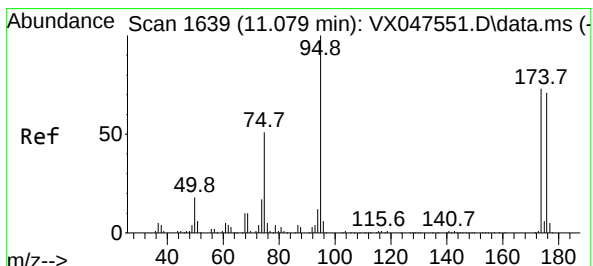
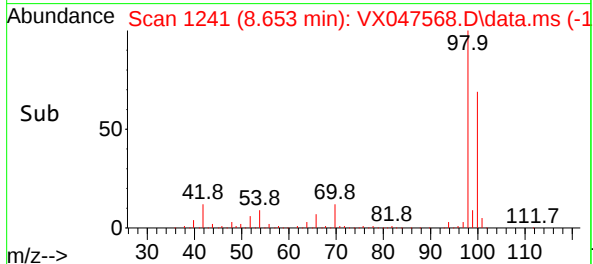
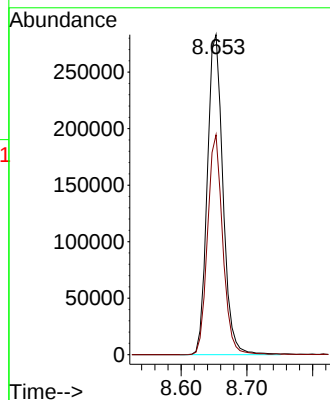
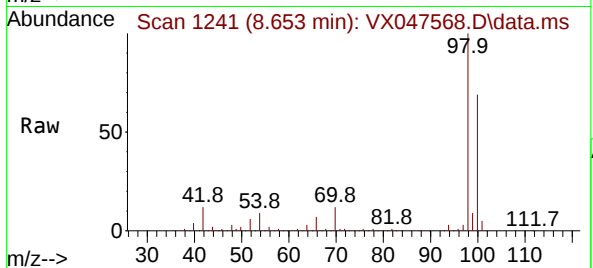




#50
Toluene-d8
Concen: 51.218 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047568.D
Acq: 29 Aug 2025 14:06

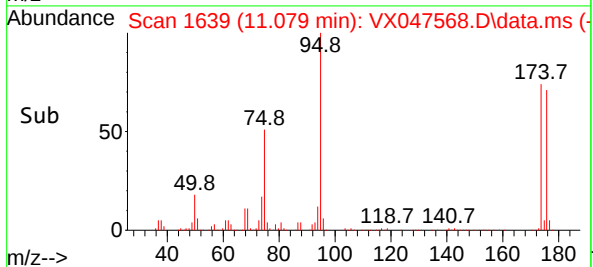
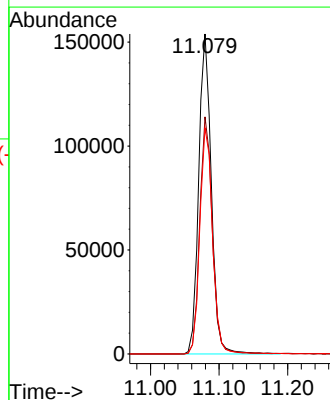
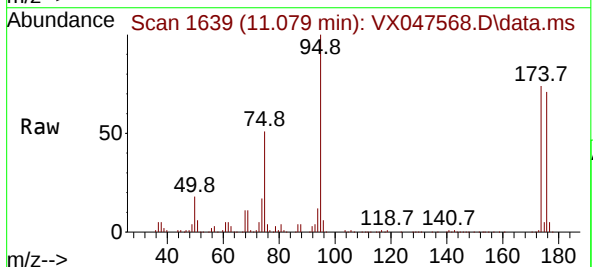
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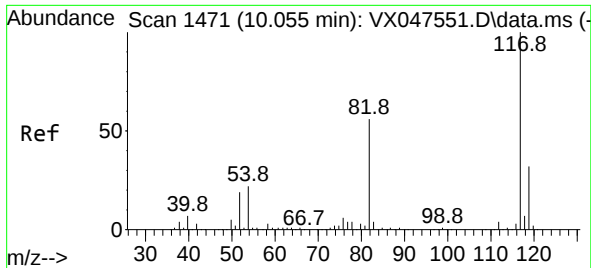
Tgt Ion: 98 Resp: 468747
Ion Ratio Lower Upper
98 100
100 66.8 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 57.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047568.D
Acq: 29 Aug 2025 14:06

Tgt Ion: 95 Resp: 197473
Ion Ratio Lower Upper
95 100
174 73.8 0.0 145.2
176 71.6 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: VX047568.D
Acq: 29 Aug 2025 14:06

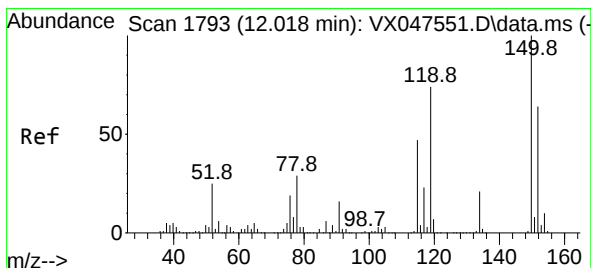
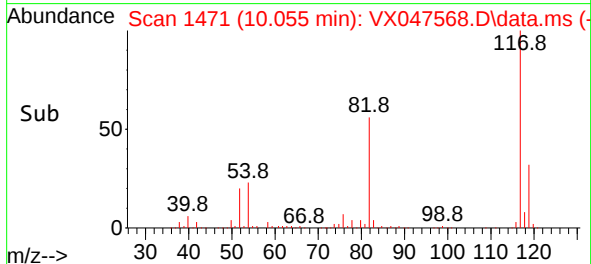
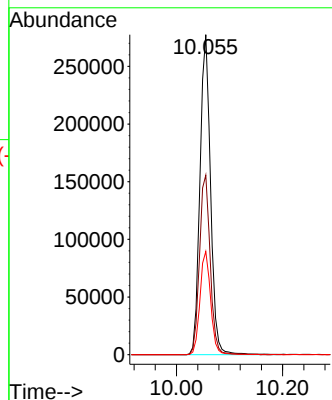
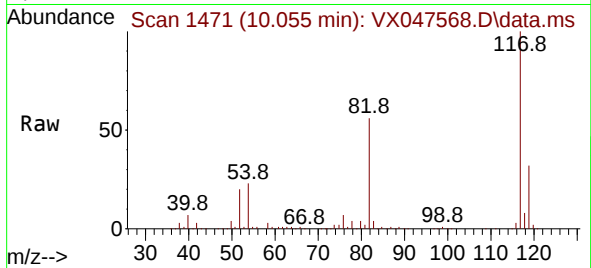
Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion:117 Resp: 383453
Ion Ratio Lower Upper
117 100
82 56.1 44.6 66.8
119 32.2 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: VX047568.D
Acq: 29 Aug 2025 14:06

Tgt Ion:152 Resp: 196025
Ion Ratio Lower Upper
152 100
115 60.7 42.9 128.5
150 155.0 0.0 351.0

