

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080725\
 Data File : VX047258.D
 Acq On : 07 Aug 2025 13:27
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 08 02:43:50 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	5.568	168	207223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	375652	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	182971	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143454	55.573	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.140%
35) Dibromofluoromethane	5.403	113	122565	52.843	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.680%
50) Toluene-d8	8.653	98	344743	45.896	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.800%#
62) 4-Bromofluorobenzene	11.079	95	170653	52.720	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.440%

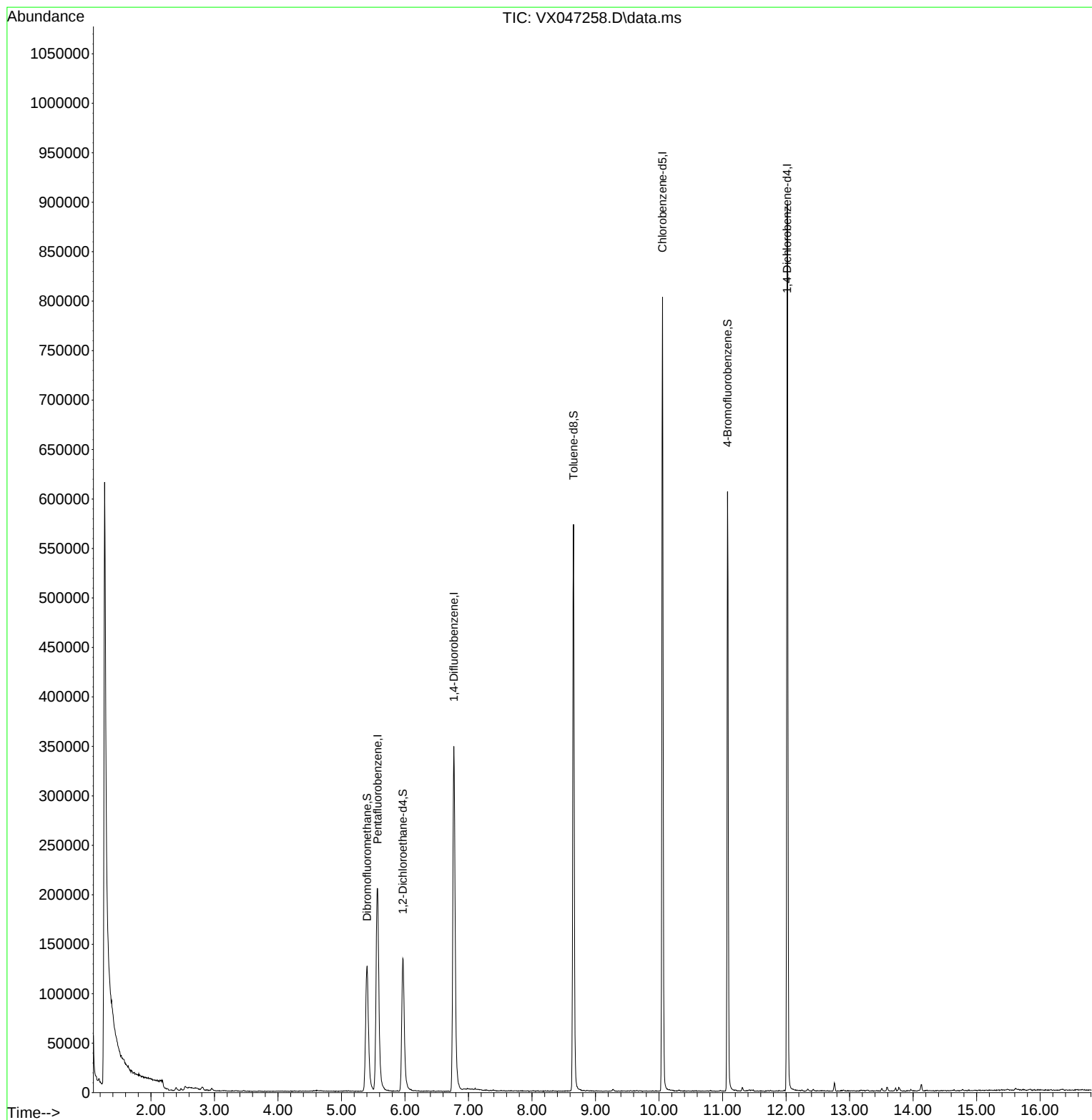
Target Compounds	Qvalue

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

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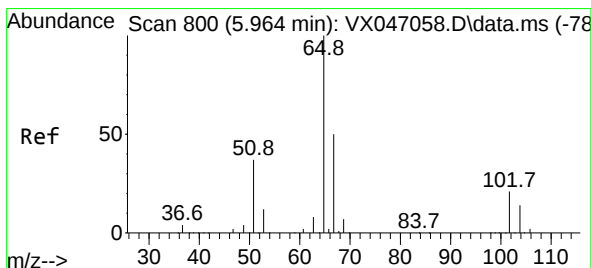
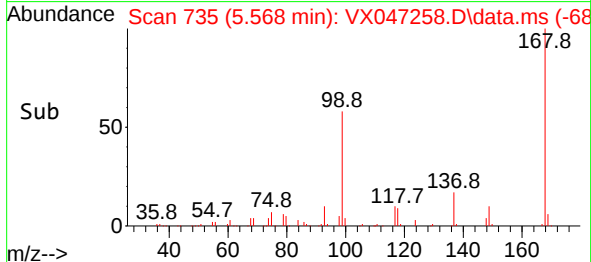
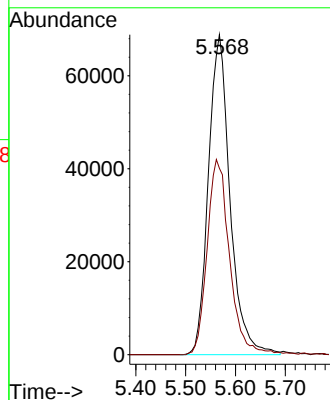
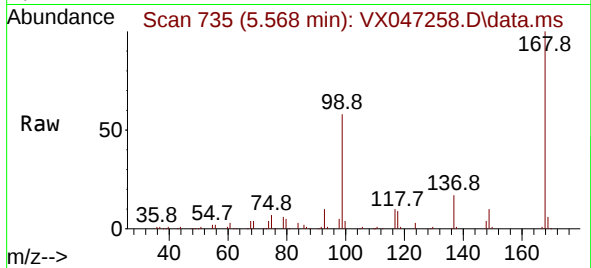




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047258.D
Acq: 07 Aug 2025 13:27

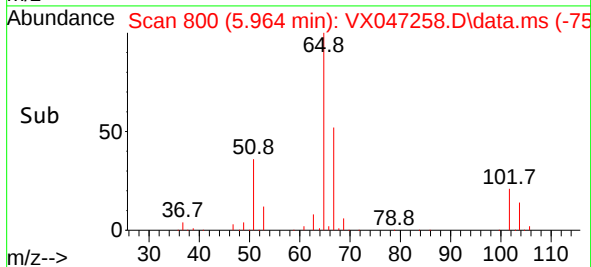
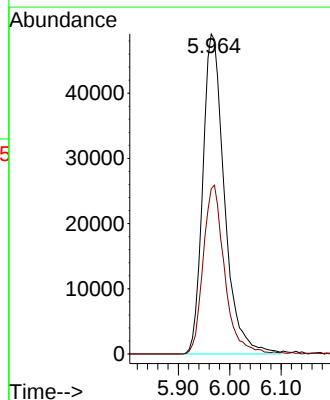
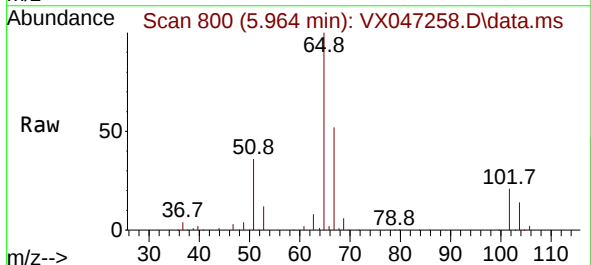
Instrument :
MSVOA_X
ClientSampleId :
IBLK

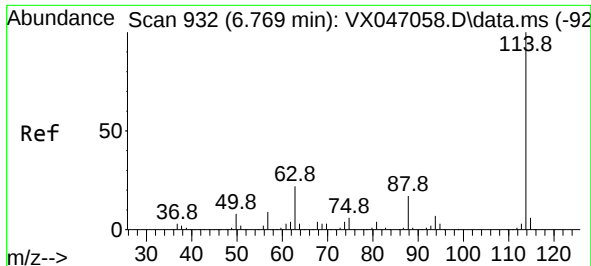
Tgt Ion:168 Resp: 207223
Ion Ratio Lower Upper
168 100
99 58.3 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 55.573 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047258.D
Acq: 07 Aug 2025 13:27

Tgt Ion: 65 Resp: 143454
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

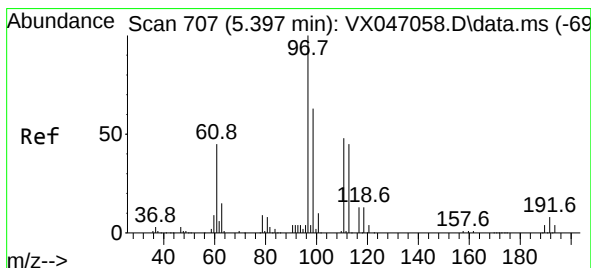
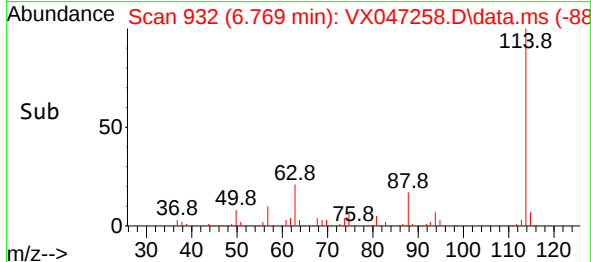
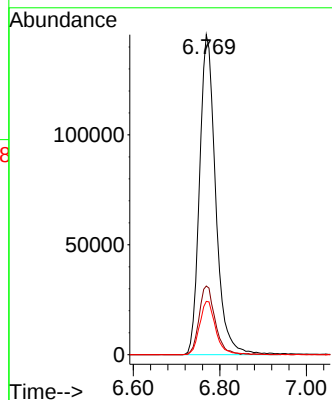
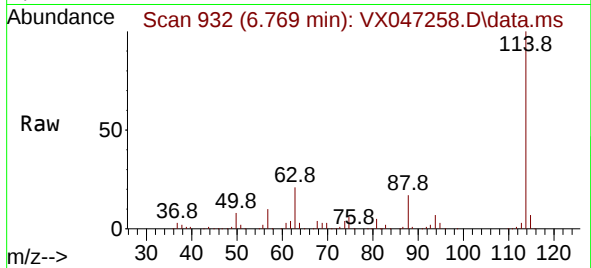




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047258.D
Acq: 07 Aug 2025 13:27

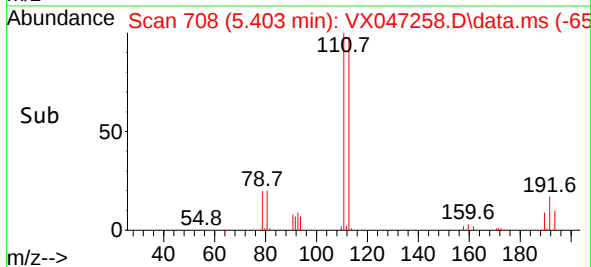
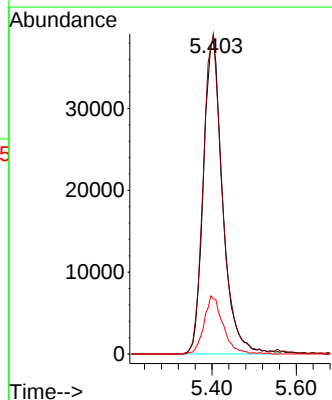
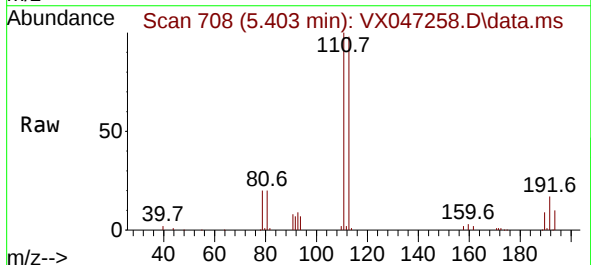
Instrument :
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IBLK

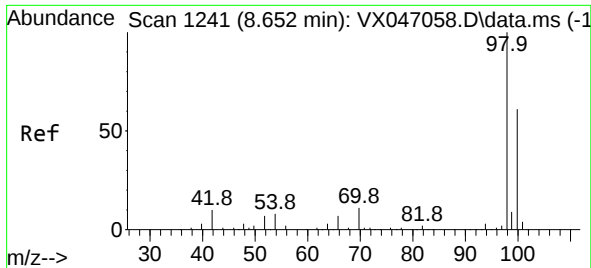
Tgt Ion:114 Resp: 375652
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.2
88 16.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 52.843 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047258.D
Acq: 07 Aug 2025 13:27

Tgt Ion:113 Resp: 122565
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 17.9 14.9 22.3

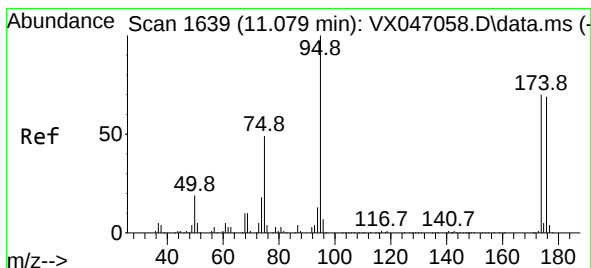
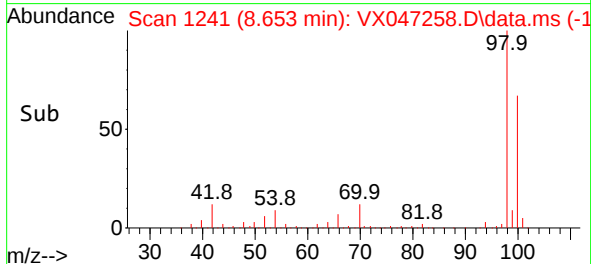
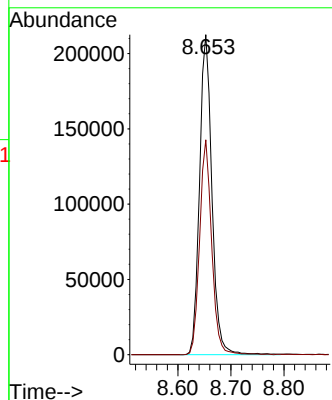
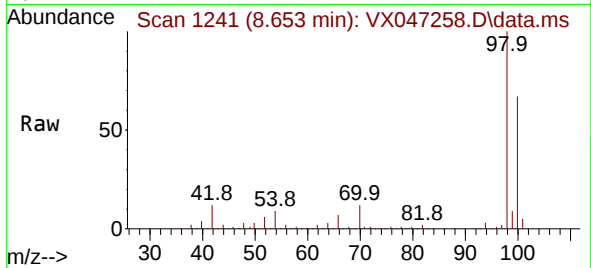




#50
Toluene-d8
Concen: 45.896 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047258.D
Acq: 07 Aug 2025 13:27

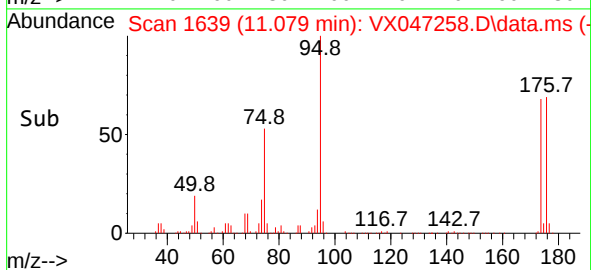
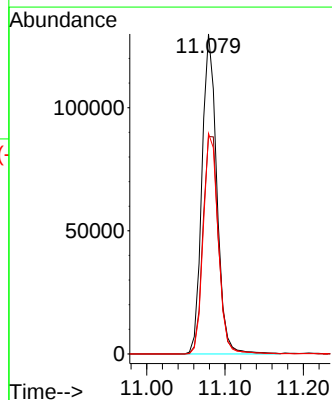
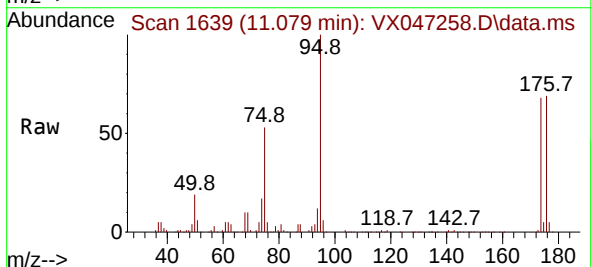
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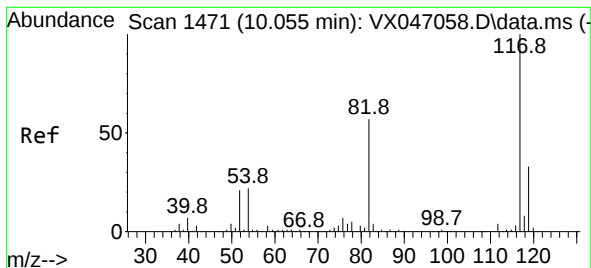
Tgt Ion: 98 Resp: 344743
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 52.720 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047258.D
Acq: 07 Aug 2025 13:27

Tgt Ion: 95 Resp: 170653
Ion Ratio Lower Upper
95 100
174 71.7 0.0 144.6
176 69.5 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: VX047258.D

Acq: 07 Aug 2025 13:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

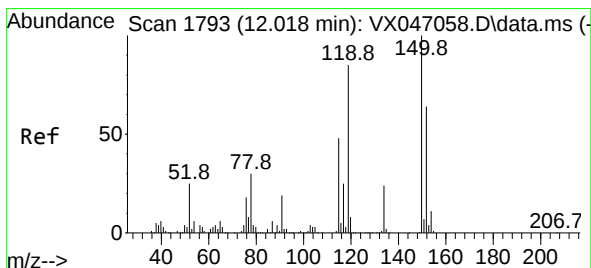
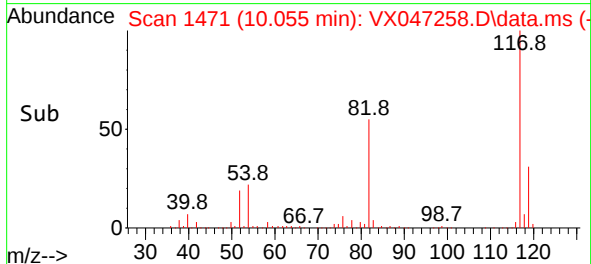
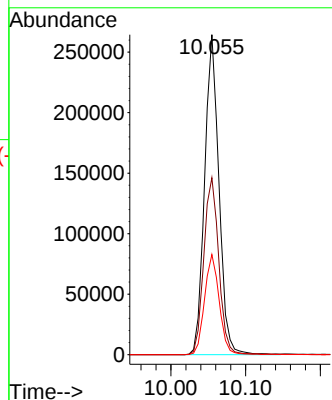
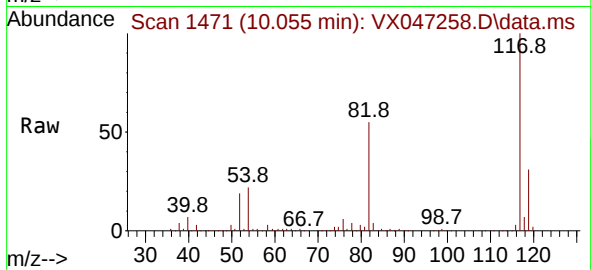
Tgt Ion:117 Resp: 352683

Ion Ratio Lower Upper

117 100

82 55.3 45.4 68.2

119 31.3 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: VX047258.D

Acq: 07 Aug 2025 13:27

Tgt Ion:152 Resp: 182971

Ion Ratio Lower Upper

152 100

115 62.2 45.6 136.7

150 156.9 0.0 354.6

