

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073125\
 Data File : VX047199.D
 Acq On : 31 Jul 2025 13:52
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 01 01:51:25 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	294125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	546235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	507758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	252752	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204911	55.928	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.860%
35) Dibromofluoromethane	5.391	113	171530	50.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	8.646	98	590951	54.105	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.220%
62) 4-Bromofluorobenzene	11.079	95	243437	51.720	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.440%

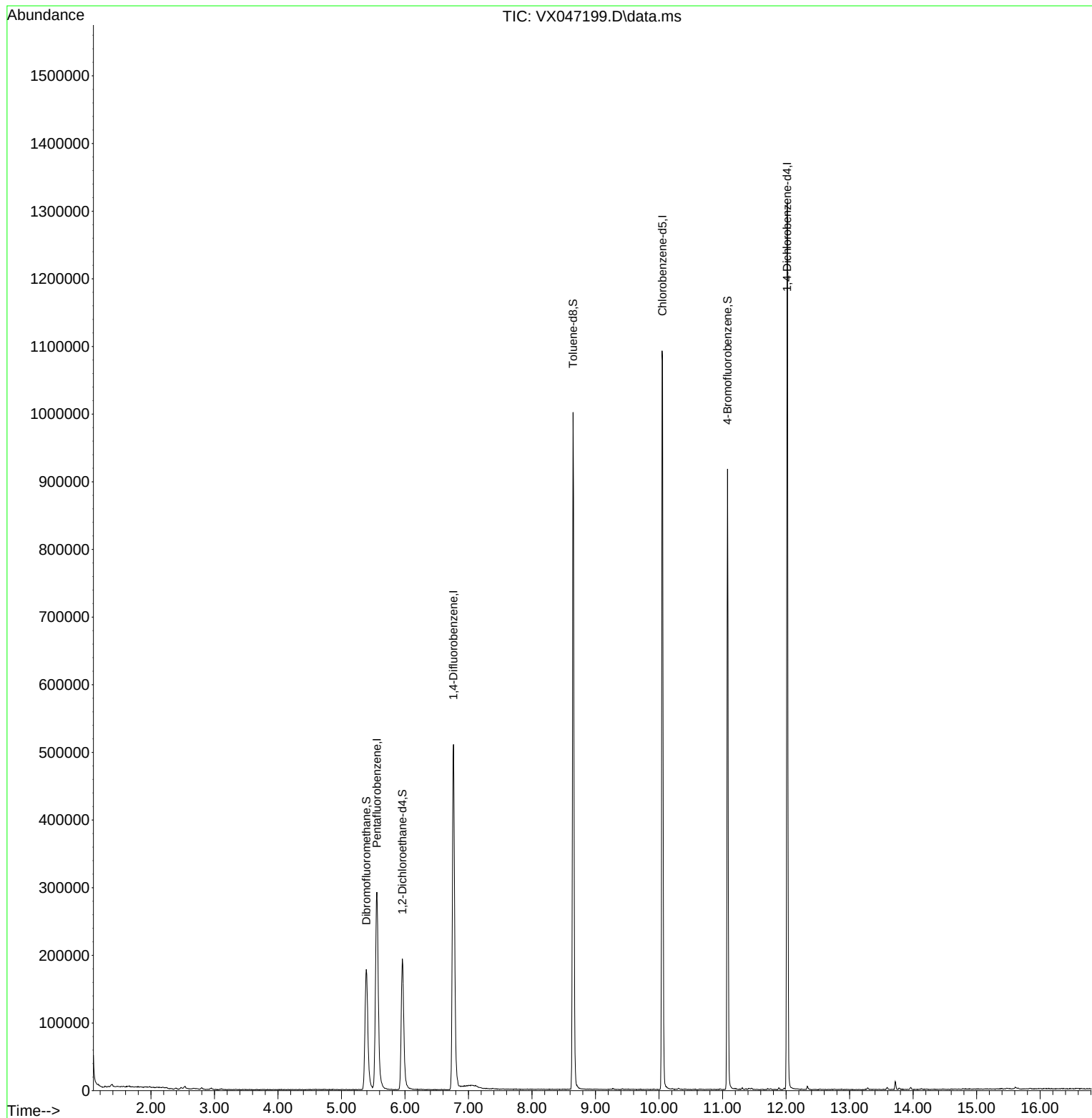
Target Compounds	Qvalue

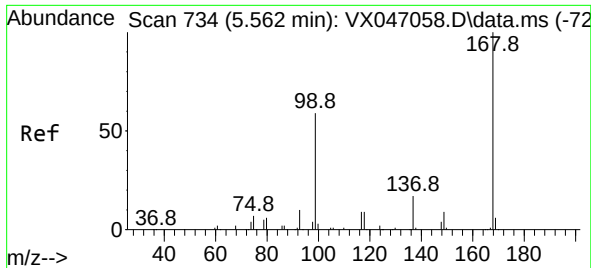
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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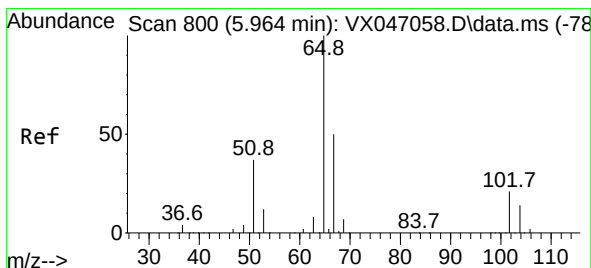
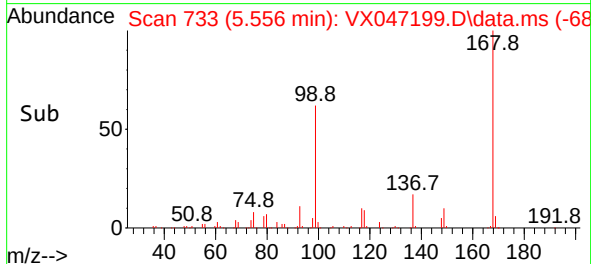
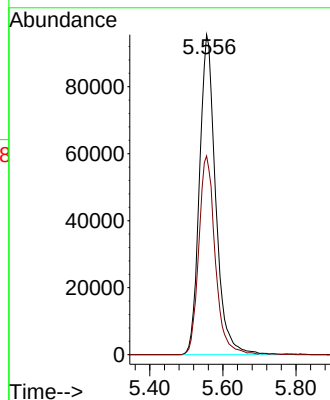
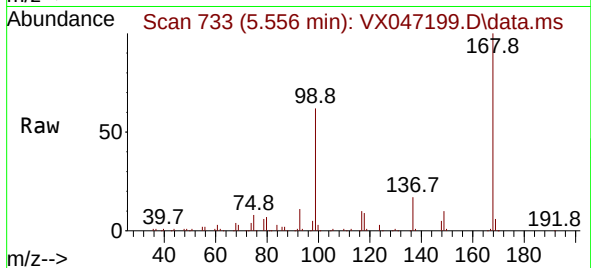




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX047199.D
Acq: 31 Jul 2025 13:52

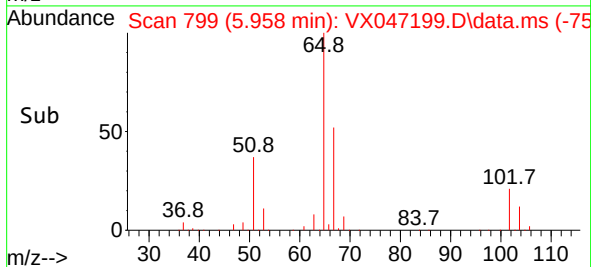
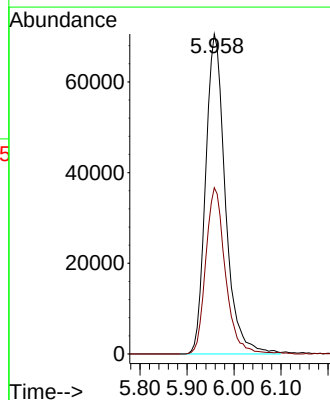
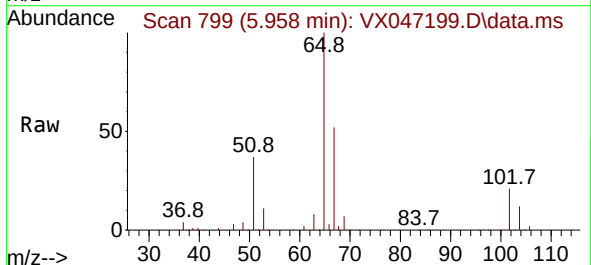
Instrument :
MSVOA_X
ClientSampleId :
IBLK

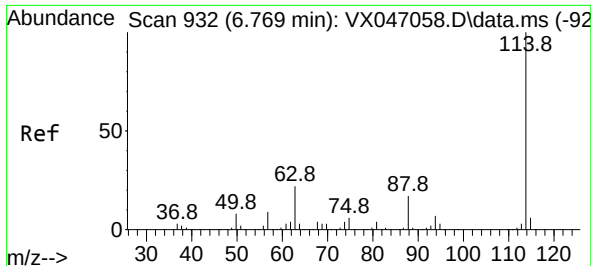
Tgt Ion:168 Resp: 294125
Ion Ratio Lower Upper
168 100
99 62.1 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 55.928 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047199.D
Acq: 31 Jul 2025 13:52

Tgt Ion: 65 Resp: 204911
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

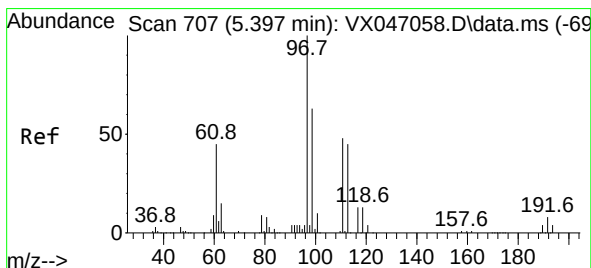
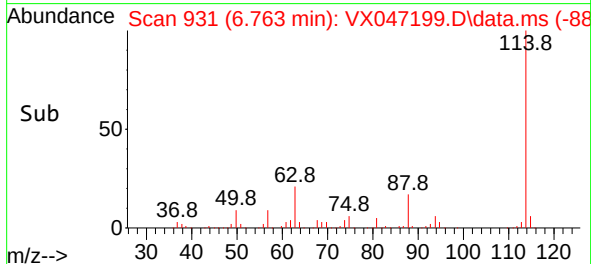
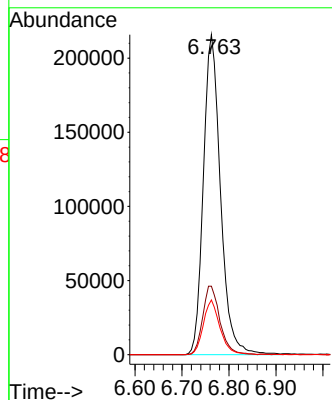
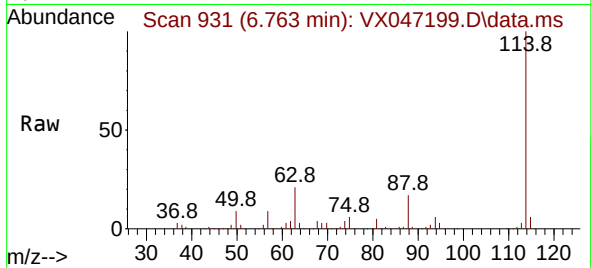




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047199.D
Acq: 31 Jul 2025 13:52

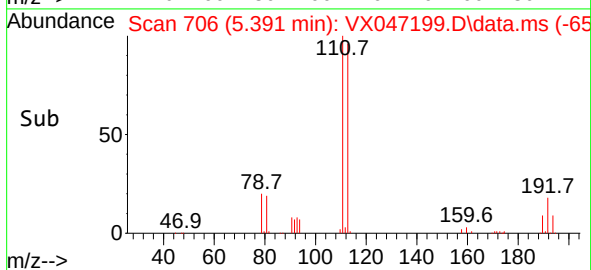
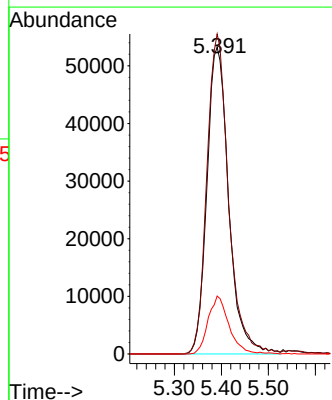
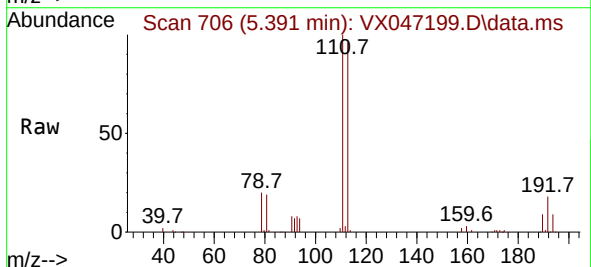
Instrument :
MSVOA_X
ClientSampleId :
IBLK

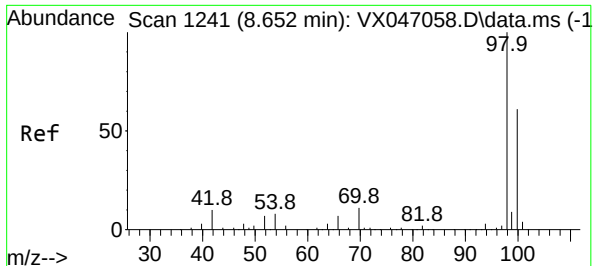
Tgt Ion:114 Resp: 546235
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.2
88 17.1 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.859 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047199.D
Acq: 31 Jul 2025 13:52

Tgt Ion:113 Resp: 171530
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 18.0 14.9 22.3

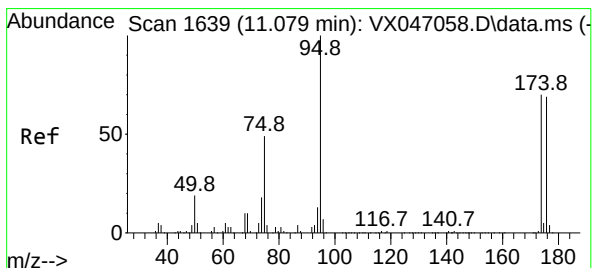
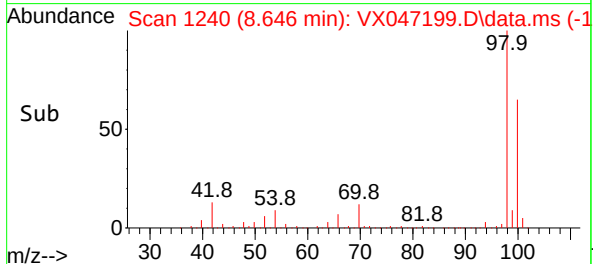
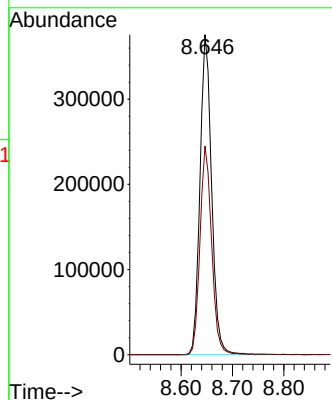
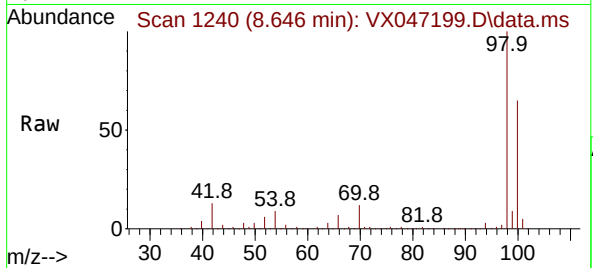




#50
Toluene-d8
Concen: 54.105 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047199.D
Acq: 31 Jul 2025 13:52

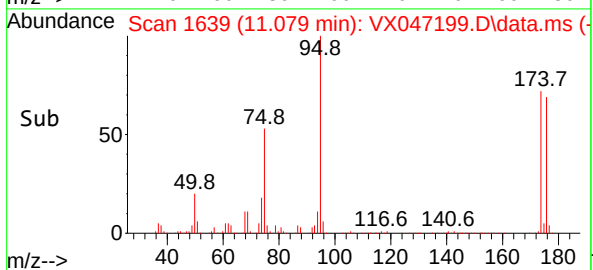
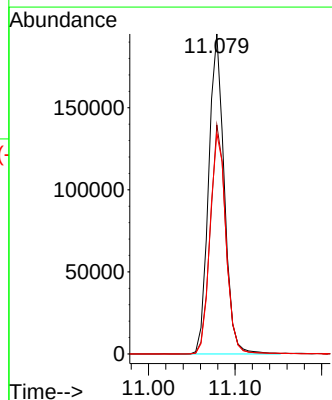
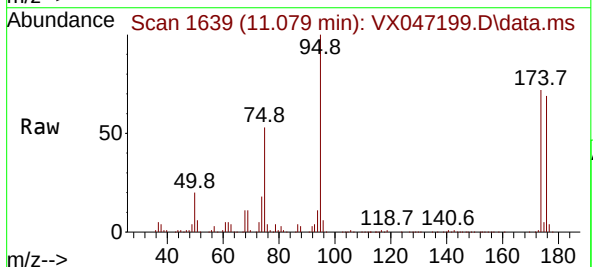
Instrument :
MSVOA_X
ClientSampleId :
IBLK

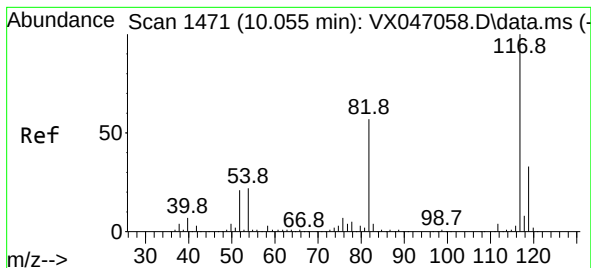
Tgt Ion: 98 Resp: 590951
Ion Ratio Lower Upper
98 100
100 65.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 51.720 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047199.D
Acq: 31 Jul 2025 13:52

Tgt Ion: 95 Resp: 243437
Ion Ratio Lower Upper
95 100
174 71.8 0.0 144.6
176 70.8 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: VX047199.D

Acq: 31 Jul 2025 13:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK

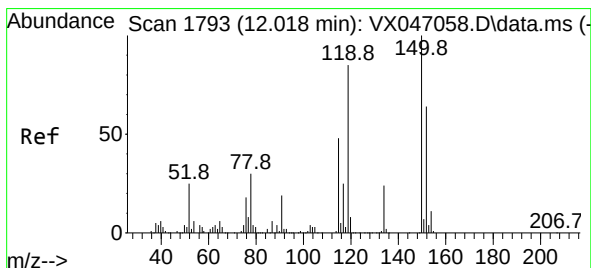
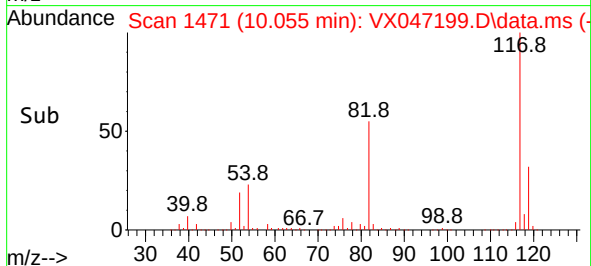
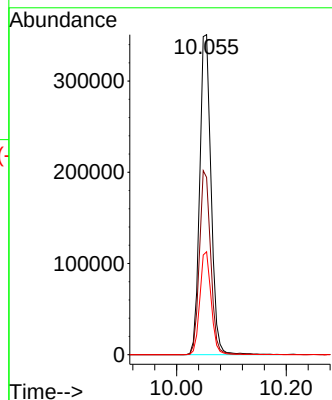
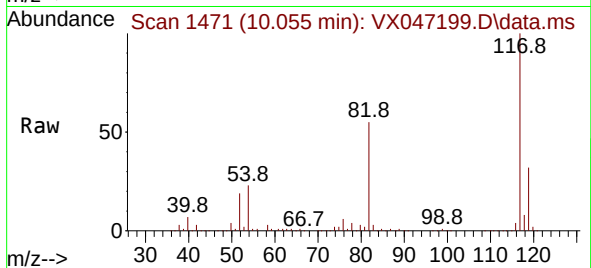
Tgt Ion:117 Resp: 507758

Ion Ratio Lower Upper

117 100

82 55.4 45.4 68.2

119 32.2 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: VX047199.D

Acq: 31 Jul 2025 13:52

Tgt Ion:152 Resp: 252752

Ion Ratio Lower Upper

152 100

115 62.7 45.6 136.7

150 159.0 0.0 354.6

