

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047090.D
 Acq On : 23 Jul 2025 14:49
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 24 05:51:45 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	461822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	835139	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	791783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	388214	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	294024	51.109	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.220%
35) Dibromofluoromethane	5.397	113	240766	46.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.380%
50) Toluene-d8	8.647	98	891738	53.401	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.800%
62) 4-Bromofluorobenzene	11.079	95	367084	51.010	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.020%

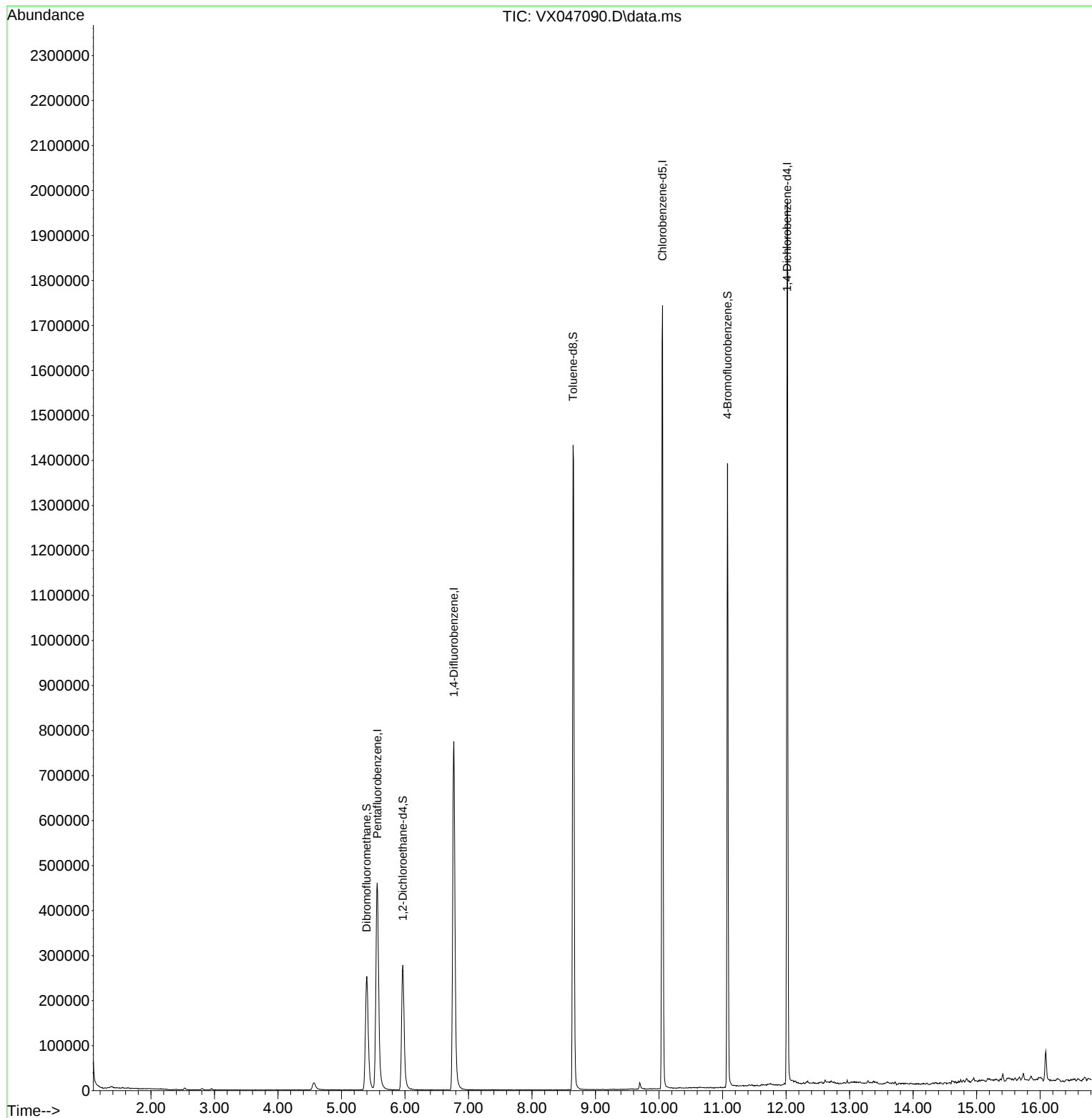
Target Compounds	Qvalue

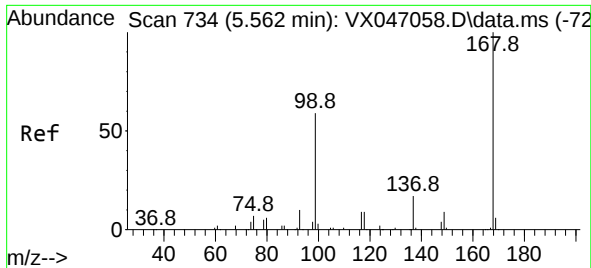
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047090.D
Acq On : 23 Jul 2025 14:49
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jul 24 05:51:45 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

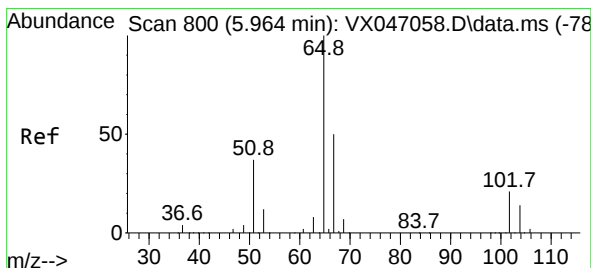
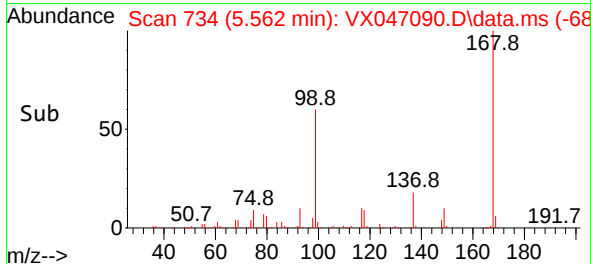
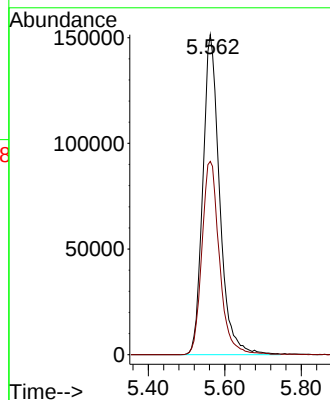
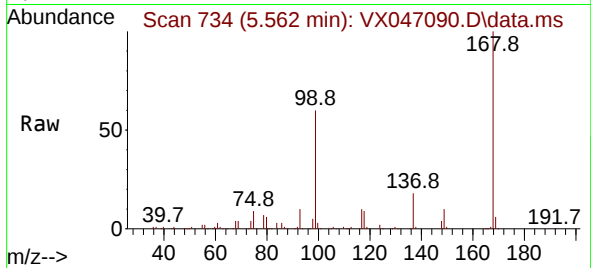




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047090.D
Acq: 23 Jul 2025 14:49

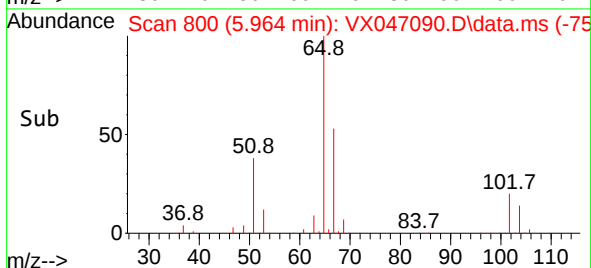
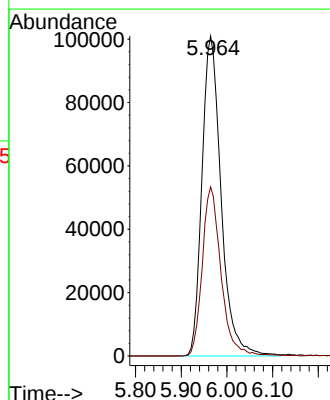
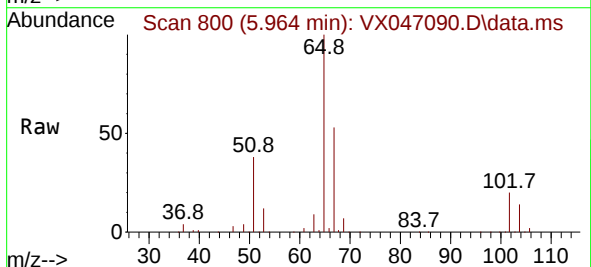
Instrument :
MSVOA_X
ClientSampleId :
IBLK

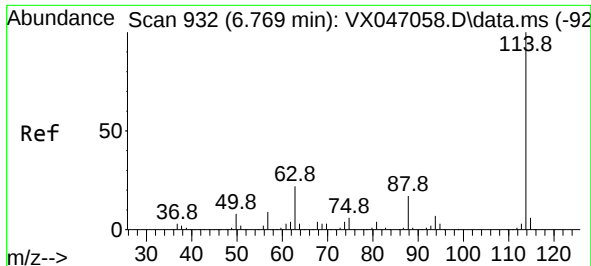
Tgt Ion:168 Resp: 461822
Ion Ratio Lower Upper
168 100
99 60.4 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 51.109 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047090.D
Acq: 23 Jul 2025 14:49

Tgt Ion: 65 Resp: 294024
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

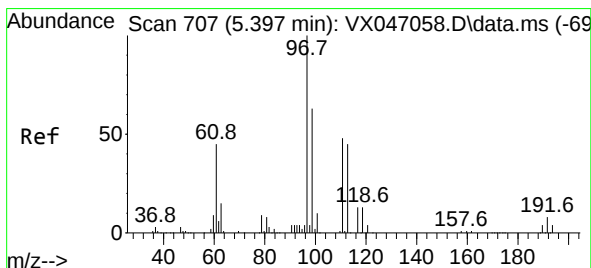
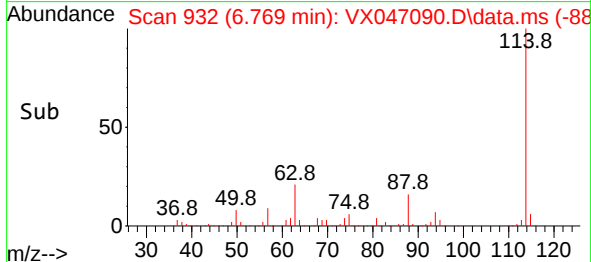
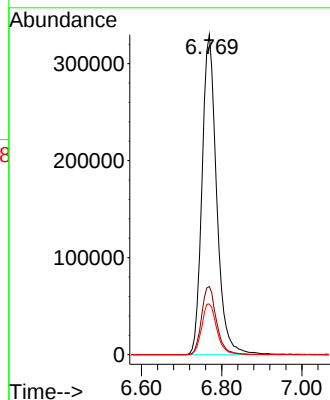
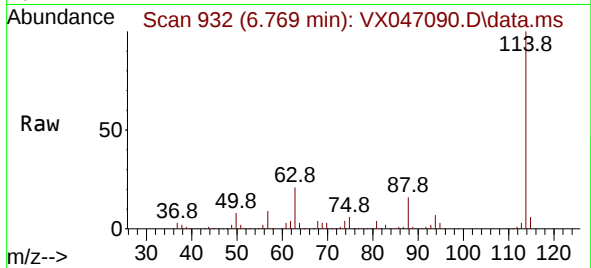




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047090.D
Acq: 23 Jul 2025 14:49

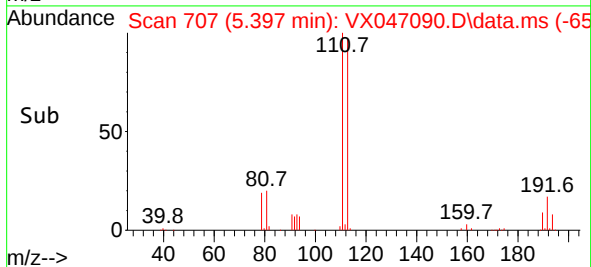
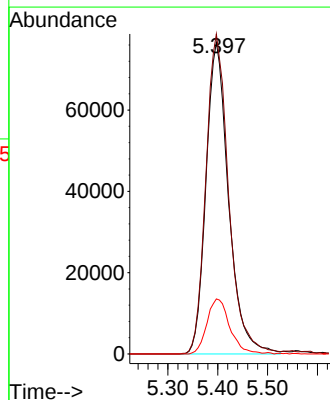
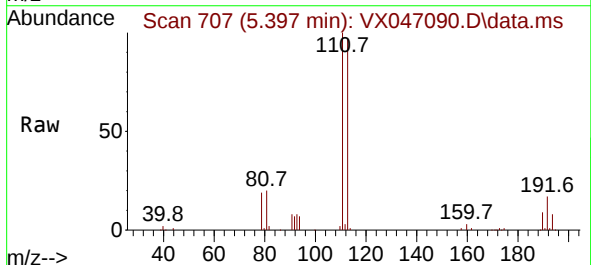
Instrument :
MSVOA_X
ClientSampleId :
IBLK

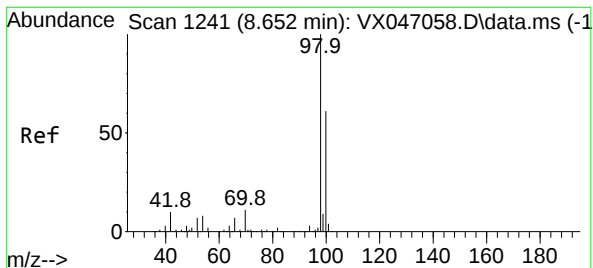
Tgt Ion:114 Resp: 835139
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.2
88 15.8 0.0 33.8



#35
Dibromofluoromethane
Concen: 46.692 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047090.D
Acq: 23 Jul 2025 14:49

Tgt Ion:113 Resp: 240766
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 17.9 14.9 22.3





#50

Toluene-d8

Concen: 53.401 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047090.D

Acq: 23 Jul 2025 14:49

Instrument :

MSVOA_X

ClientSampleId :

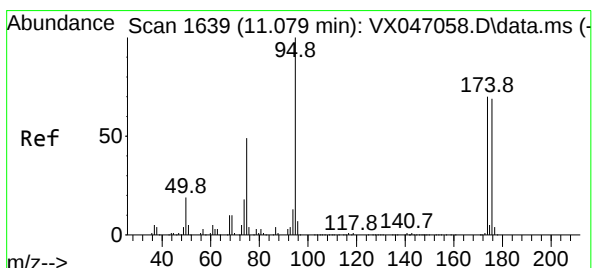
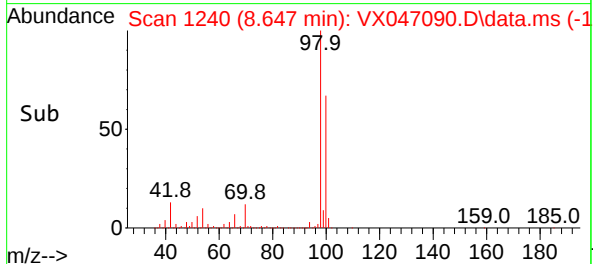
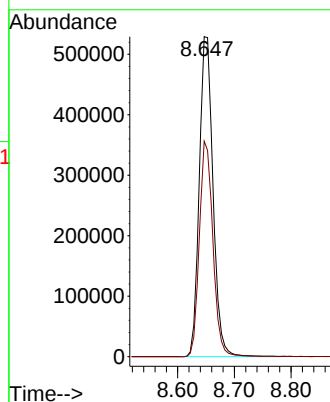
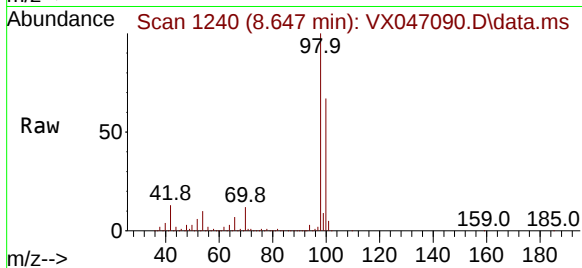
IBLK

Tgt Ion: 98 Resp: 891738

Ion Ratio Lower Upper

98 100

100 66.4 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 51.010 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047090.D

Acq: 23 Jul 2025 14:49

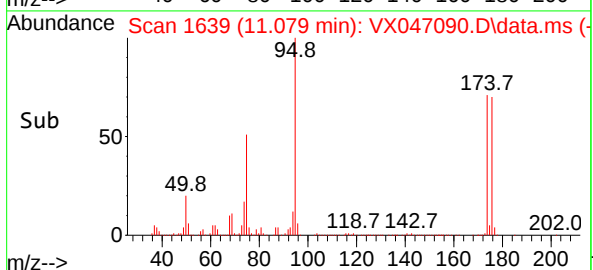
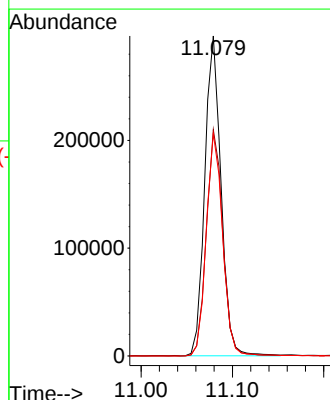
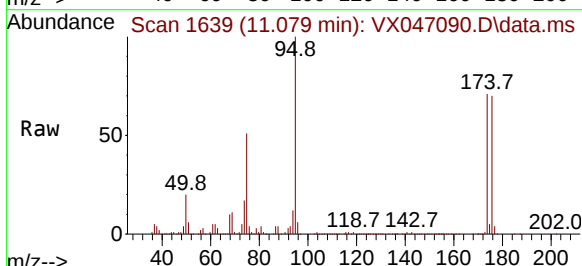
Tgt Ion: 95 Resp: 367084

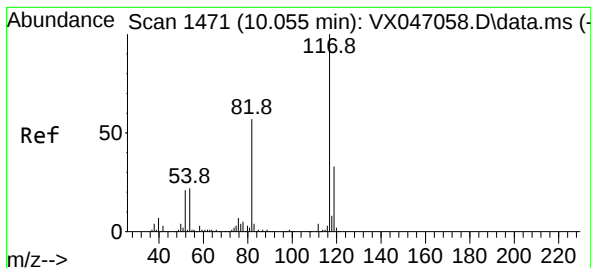
Ion Ratio Lower Upper

95 100

174 71.6 0.0 144.6

176 70.4 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: VX047090.D

Acq: 23 Jul 2025 14:49

Instrument :

MSVOA_X

ClientSampleId :

IBLK

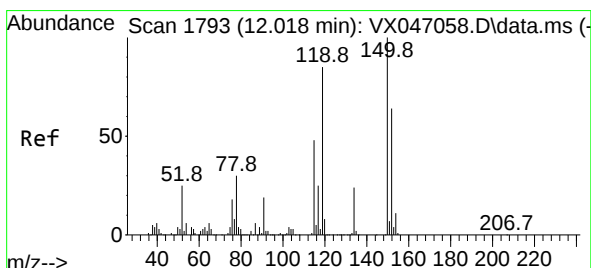
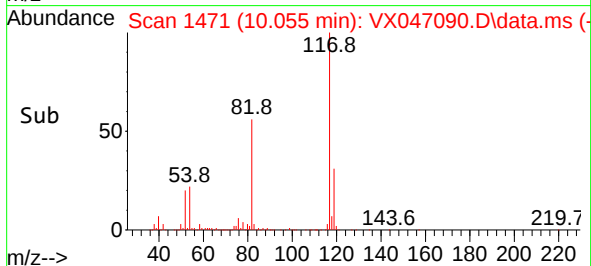
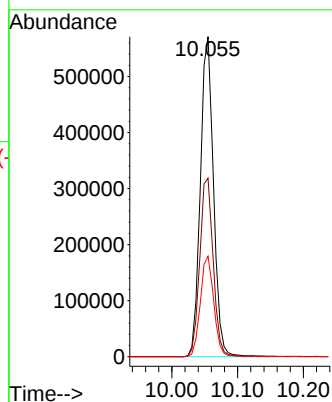
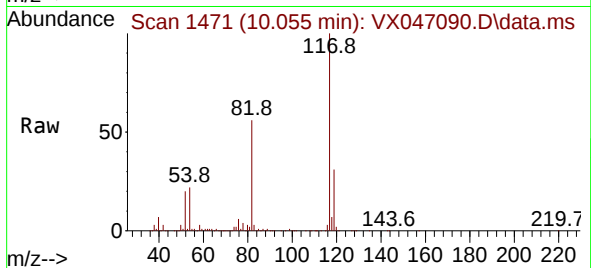
Tgt Ion:117 Resp: 791783

Ion Ratio Lower Upper

117 100

82 55.7 45.4 68.2

119 31.4 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: VX047090.D

Acq: 23 Jul 2025 14:49

Tgt Ion:152 Resp: 388214

Ion Ratio Lower Upper

152 100

115 61.8 45.6 136.7

150 158.1 0.0 354.6

