

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
 Data File : VX047181.D
 Acq On : 30 Jul 2025 12:44
 Operator : JC/MD
 Sample : VX0730WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBL01

Quant Time: Jul 31 03:13:53 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	349455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	583262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	517110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	255739	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205953	47.312	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.620%
35) Dibromofluoromethane	5.391	113	176880	49.116	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	8.647	98	556355	47.704	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.400%
62) 4-Bromofluorobenzene	11.079	95	252399	50.219	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.440%

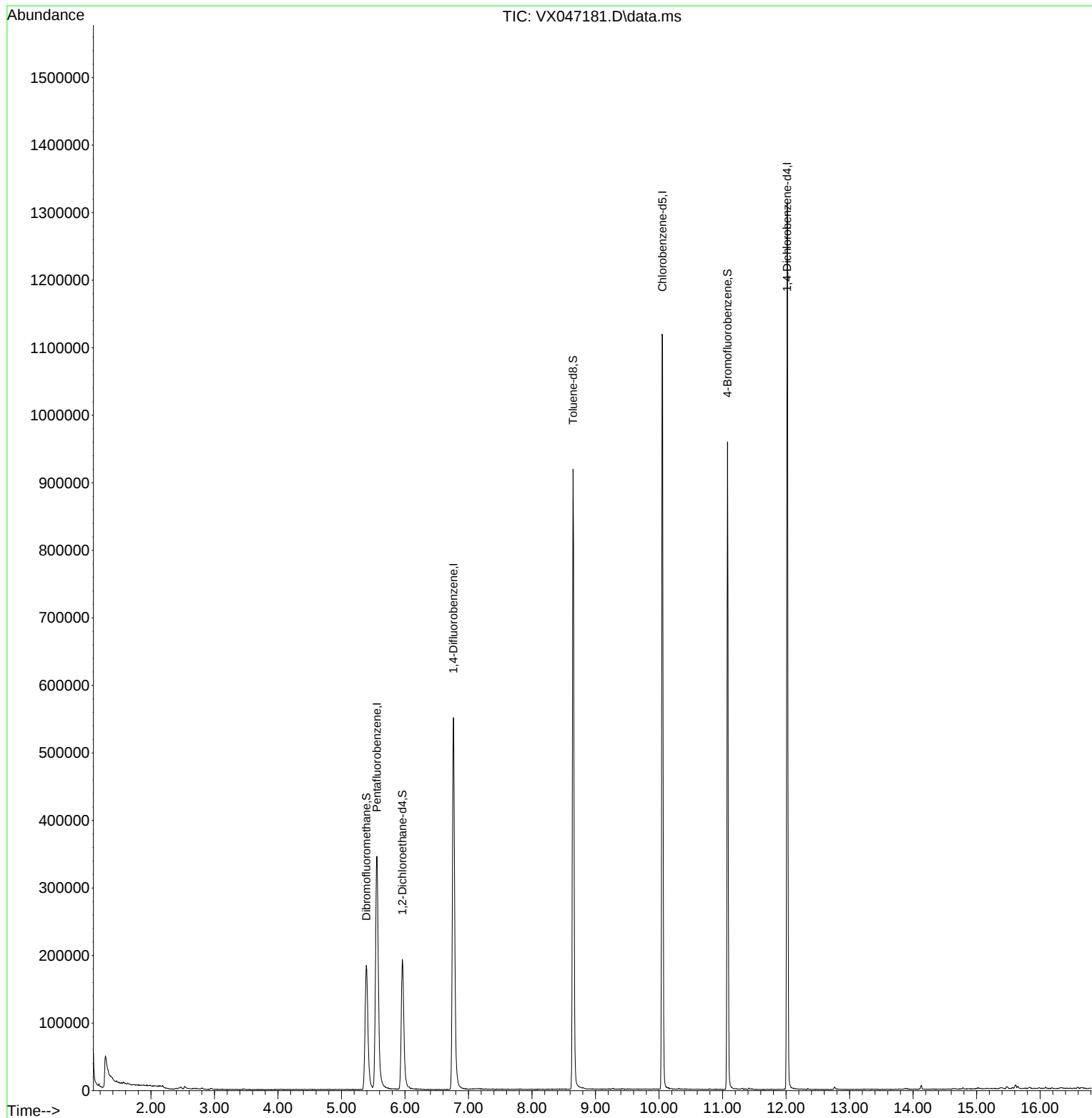
Target Compounds	Qvalue

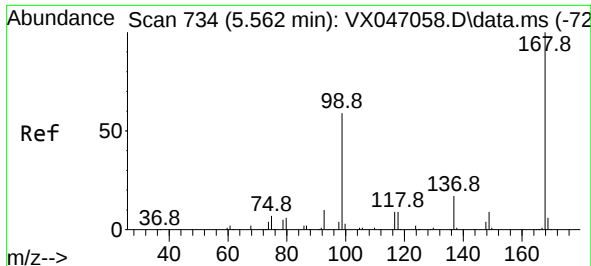
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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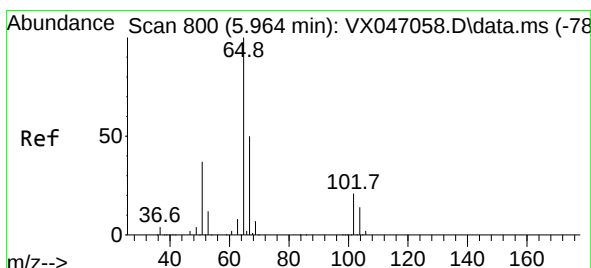
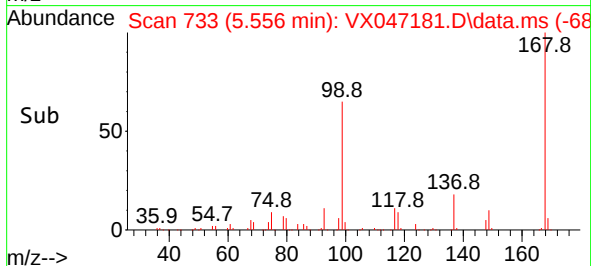
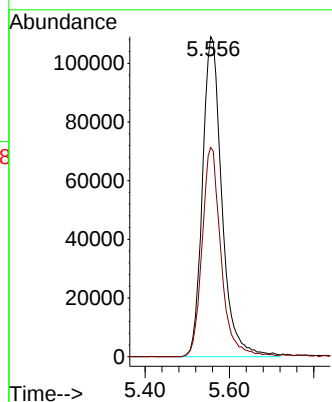
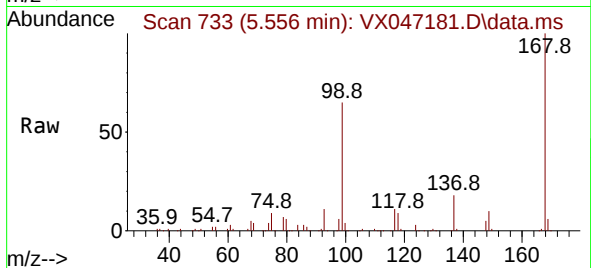




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

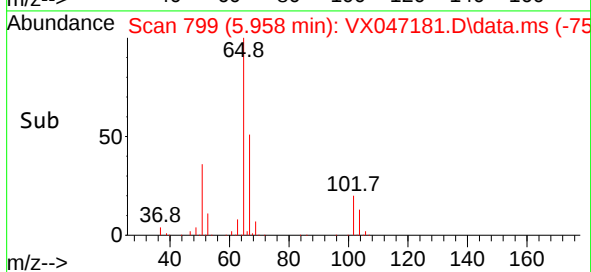
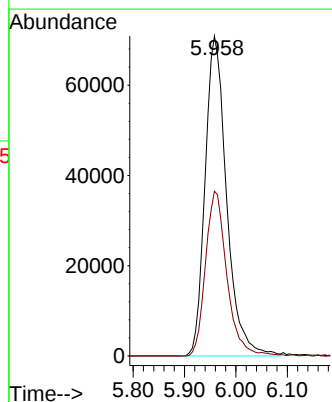
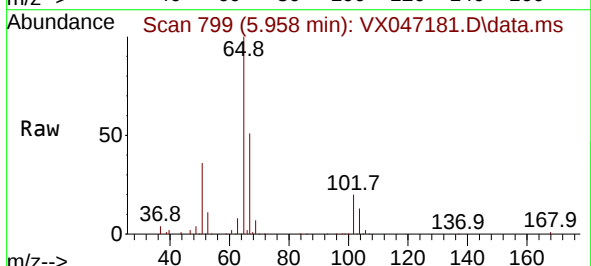
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBL01

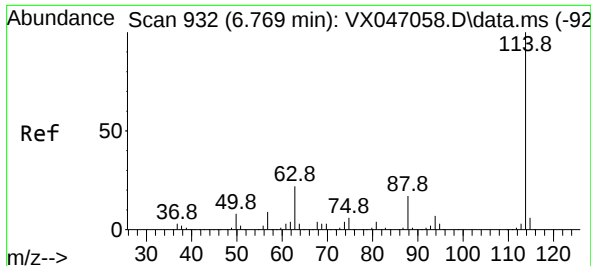
Tgt Ion:168 Resp: 349455
Ion Ratio Lower Upper
168 100
99 65.3 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 47.312 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Tgt Ion: 65 Resp: 205953
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8

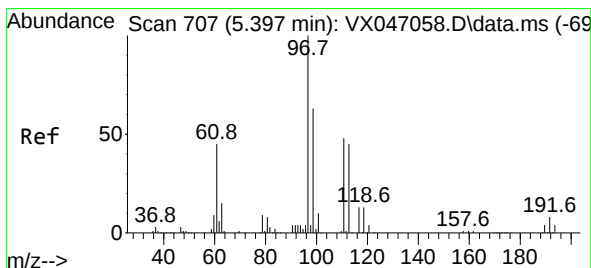
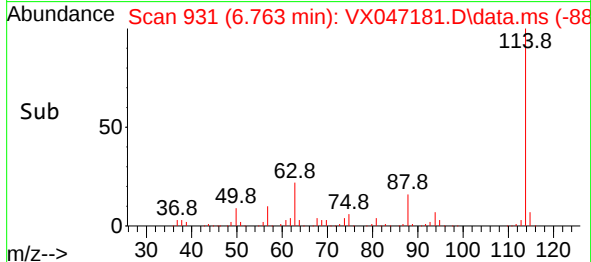
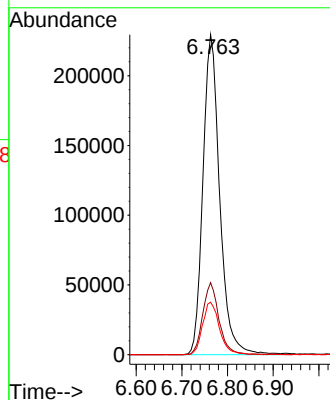
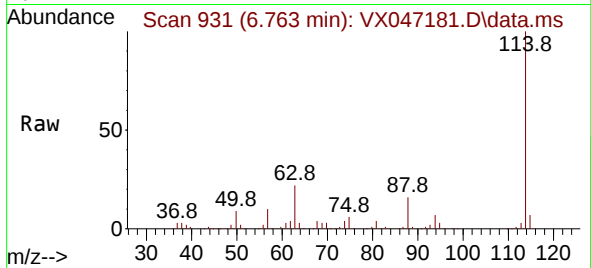




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

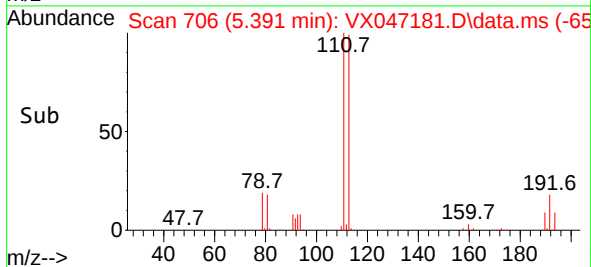
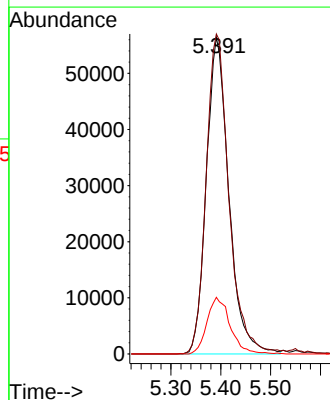
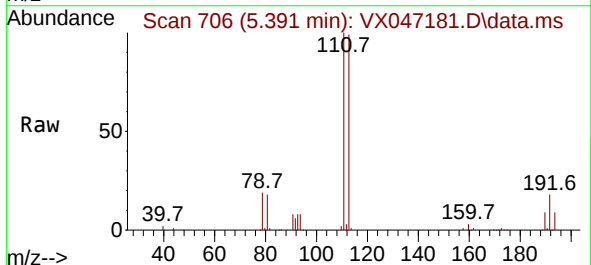
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBL01

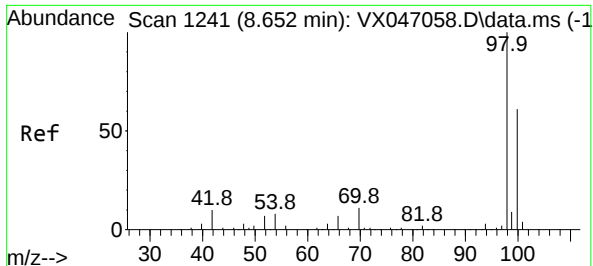
Tgt Ion:114 Resp: 583262
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.2
88 16.4 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.116 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047181.D
Acq: 30 Jul 2025 12:44

Tgt Ion:113 Resp: 176880
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 18.4 14.9 22.3





#50

Toluene-d8

Concen: 47.704 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047181.D

Acq: 30 Jul 2025 12:44

Instrument :

MSVOA_X

ClientSampleId :

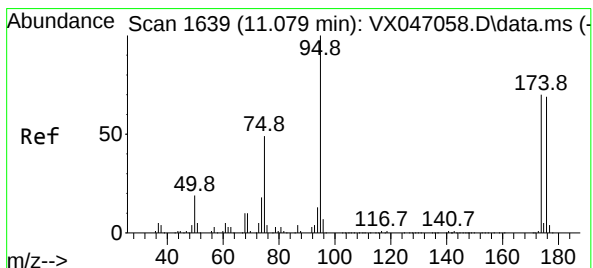
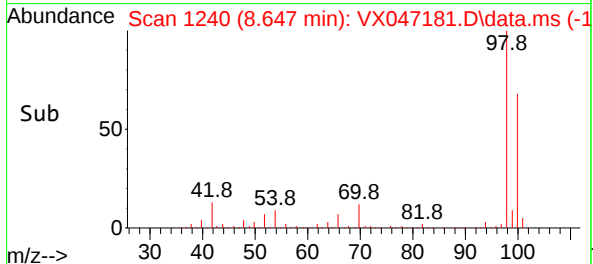
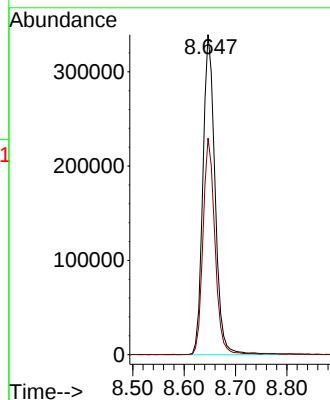
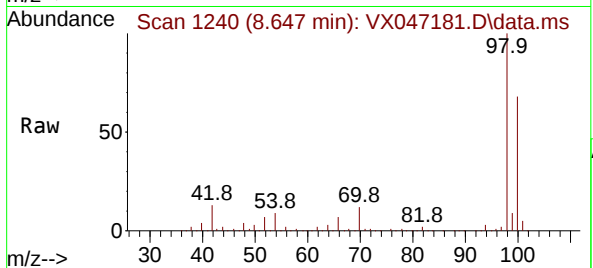
VX0730WBL01

Tgt Ion: 98 Resp: 556355

Ion Ratio Lower Upper

98 100

100 66.5 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 50.219 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047181.D

Acq: 30 Jul 2025 12:44

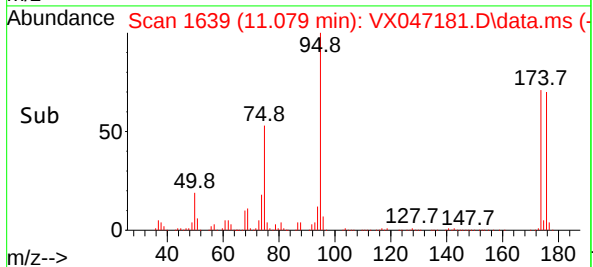
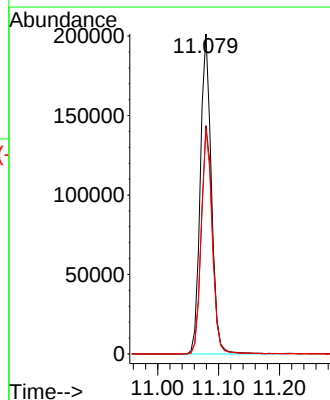
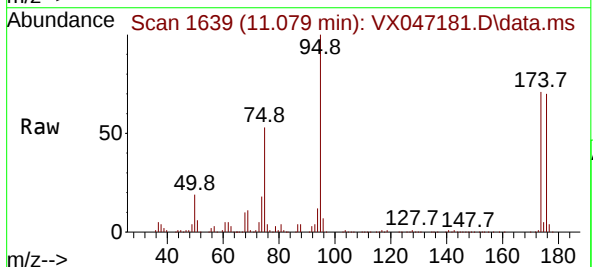
Tgt Ion: 95 Resp: 252399

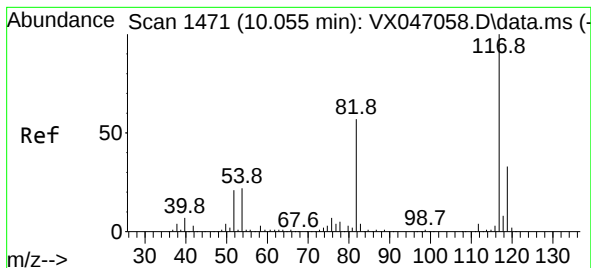
Ion Ratio Lower Upper

95 100

174 72.1 0.0 144.6

176 70.2 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: VX047181.D

Acq: 30 Jul 2025 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBL01

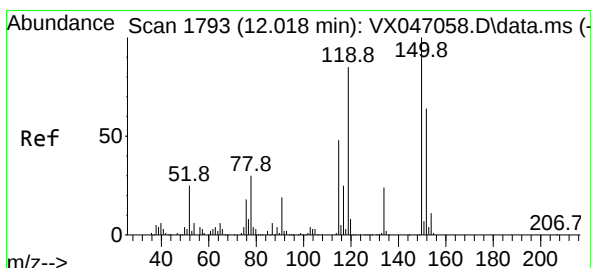
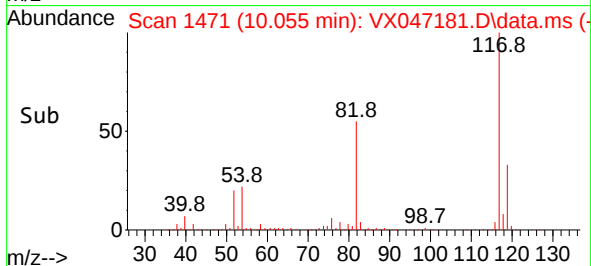
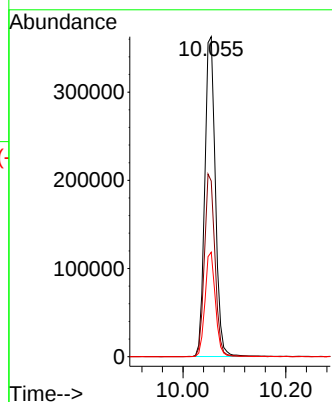
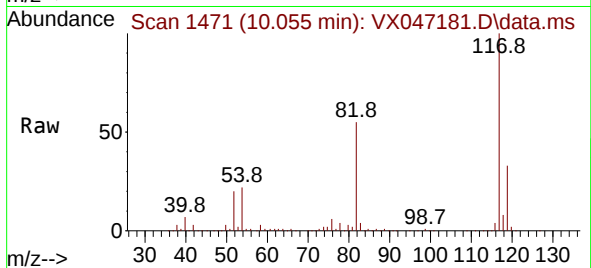
Tgt Ion:117 Resp: 517110

Ion Ratio Lower Upper

117 100

82 54.9 45.4 68.2

119 32.7 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: VX047181.D

Acq: 30 Jul 2025 12:44

Tgt Ion:152 Resp: 255739

Ion Ratio Lower Upper

152 100

115 63.9 45.6 136.7

150 159.3 0.0 354.6

