

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047079.D
 Acq On : 23 Jul 2025 10:45
 Operator : JC/MD
 Sample : VX0723WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBL01

Quant Time: Jul 24 05:44:03 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	495715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	888951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	838806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	406646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	306719	49.671	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.340%
35) Dibromofluoromethane	5.391	113	259326	47.247	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.500%
50) Toluene-d8	8.647	98	926506	52.124	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.240%
62) 4-Bromofluorobenzene	11.079	95	370567	48.377	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.760%

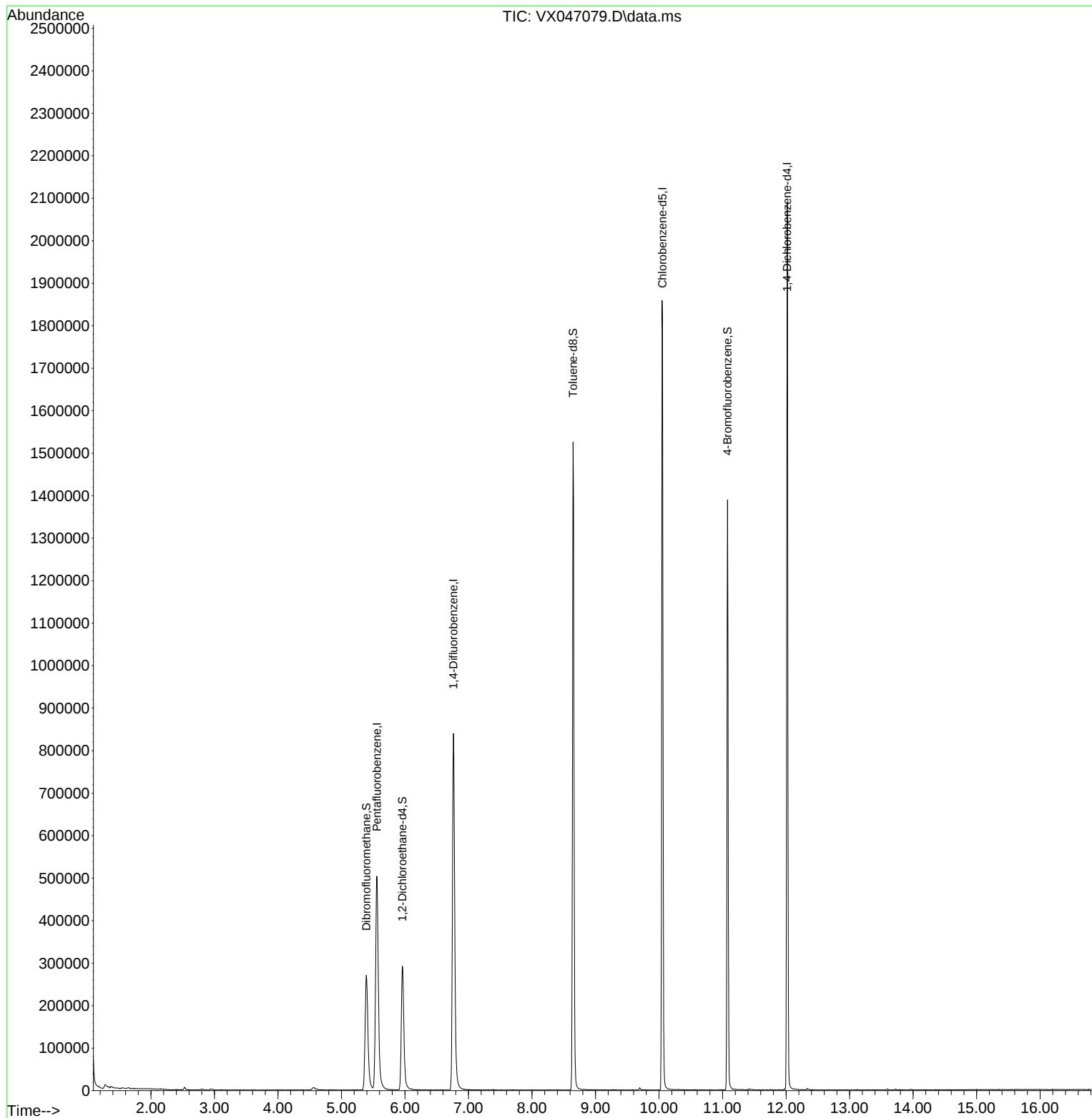
Target Compounds	Qvalue

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

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QLast Update : Tue Jul 22 03:59:51 2025
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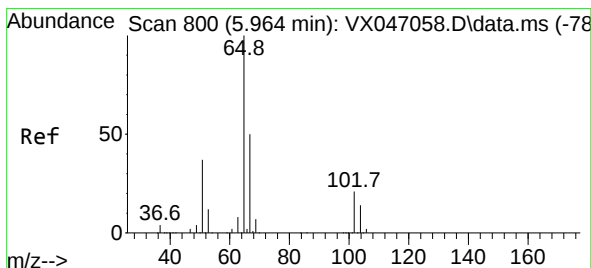
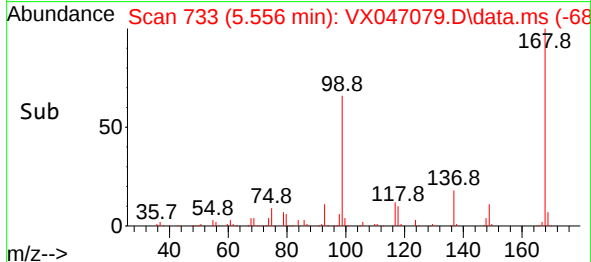
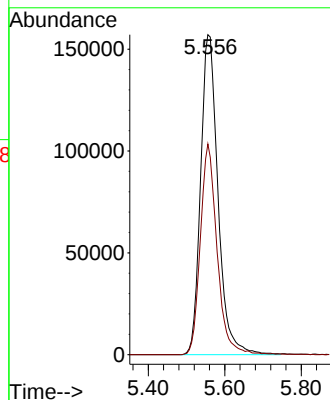
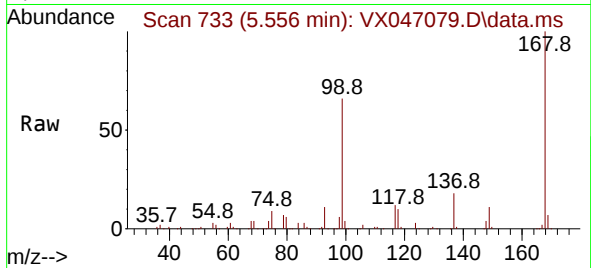




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

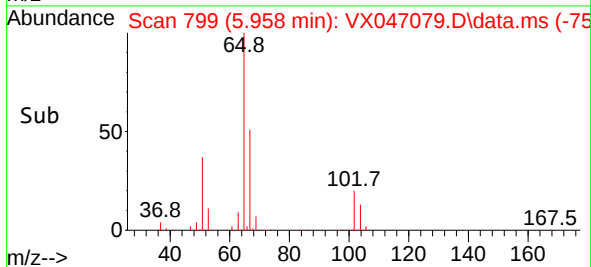
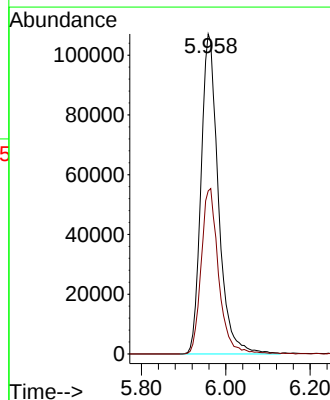
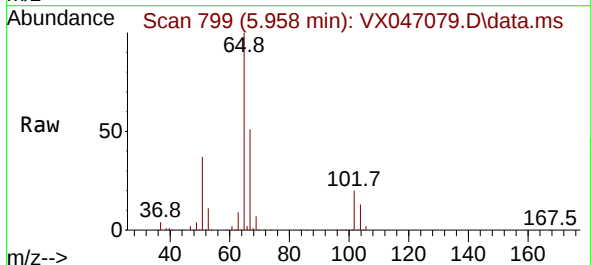
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

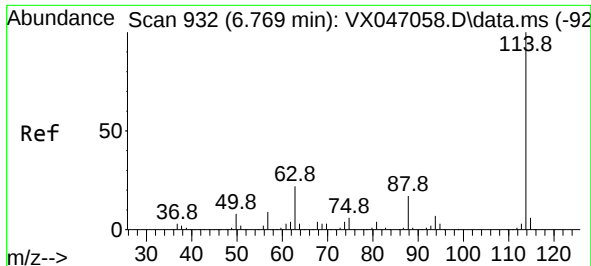
Tgt Ion:168 Resp: 495715
Ion Ratio Lower Upper
168 100
99 65.8 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 49.671 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Tgt Ion: 65 Resp: 306719
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

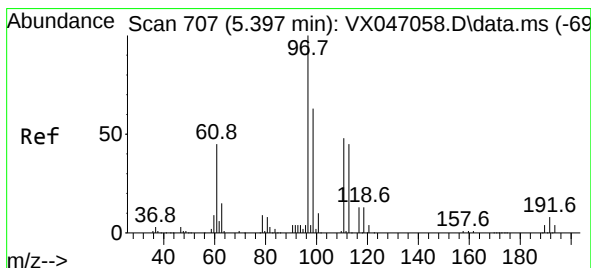
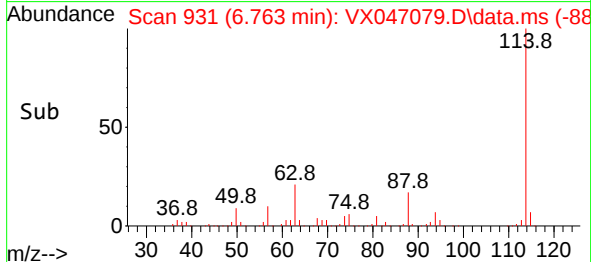
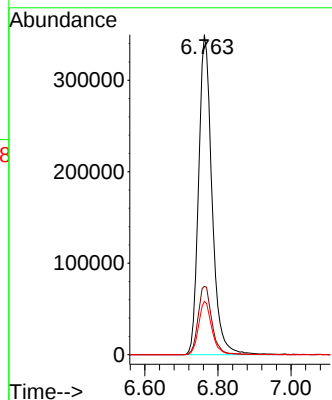
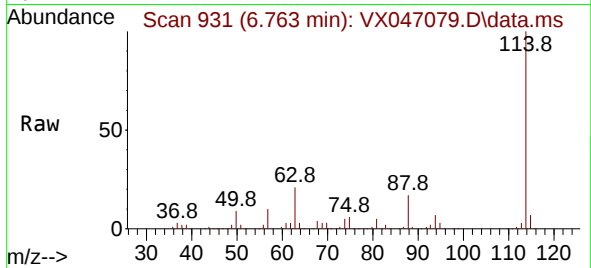




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

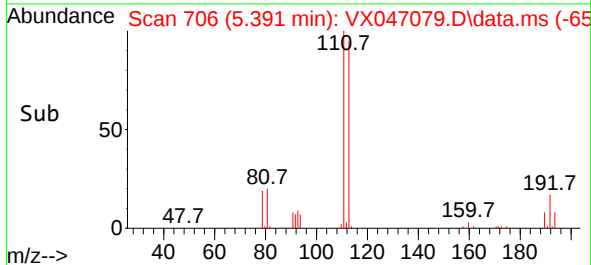
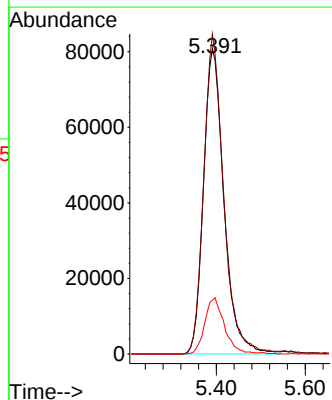
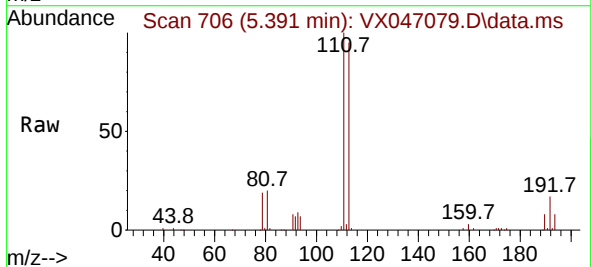
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

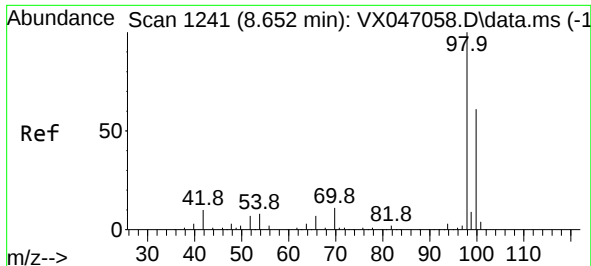
Tgt Ion:114 Resp: 888951
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.2
88 16.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 47.247 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Tgt Ion:113 Resp: 259326
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 17.6 14.9 22.3





#50

Toluene-d8

Concen: 52.124 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047079.D

Acq: 23 Jul 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

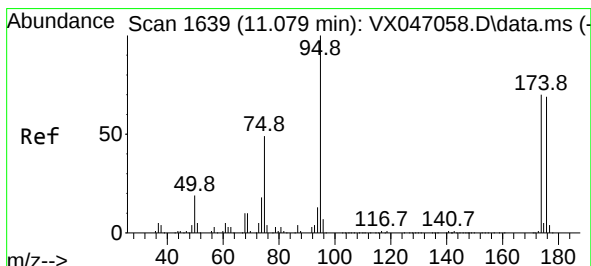
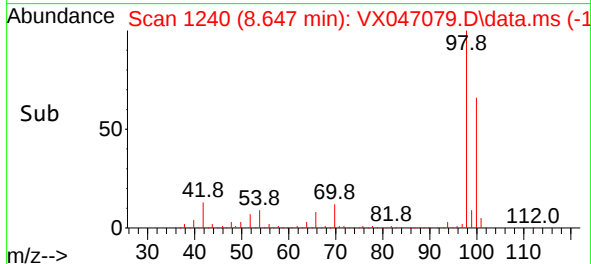
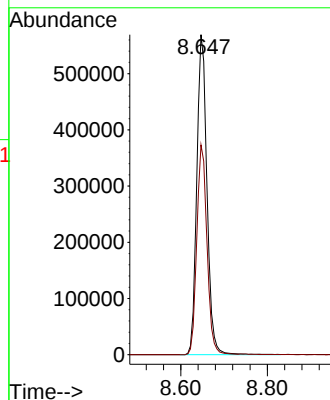
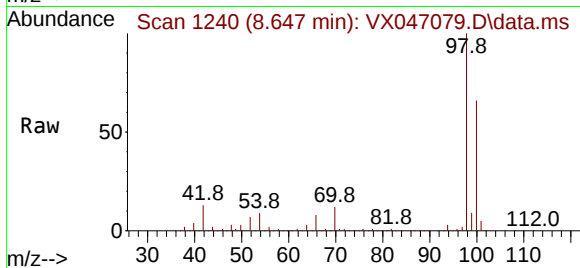
VX0723WBL01

Tgt Ion: 98 Resp: 926506

Ion Ratio Lower Upper

98 100

100 65.7 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 48.377 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047079.D

Acq: 23 Jul 2025 10:45

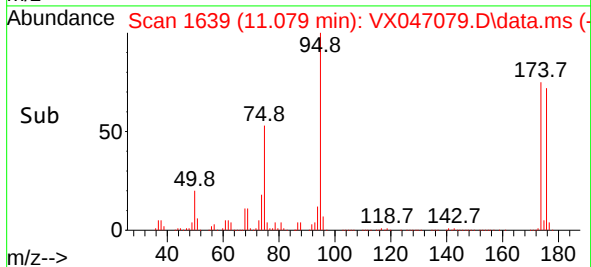
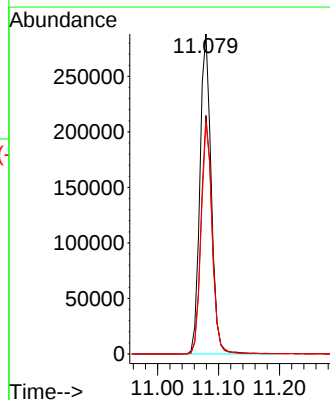
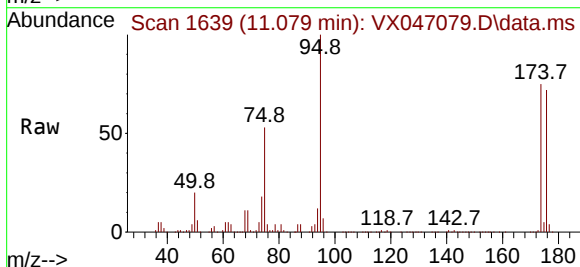
Tgt Ion: 95 Resp: 370567

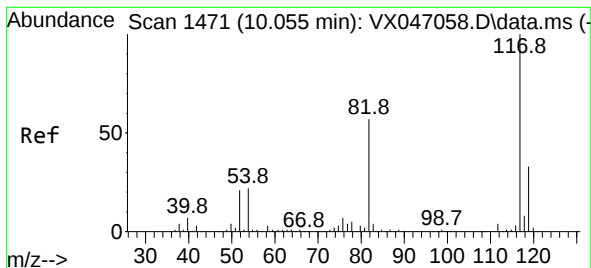
Ion Ratio Lower Upper

95 100

174 72.9 0.0 144.6

176 70.4 0.0 139.6

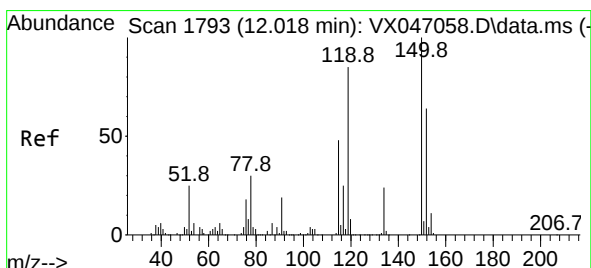
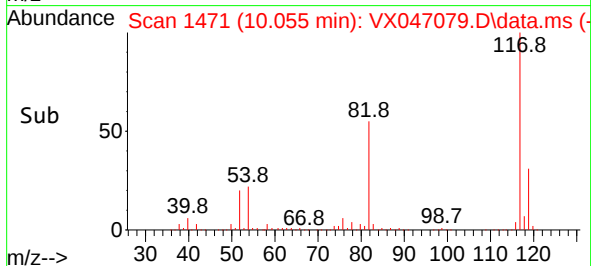
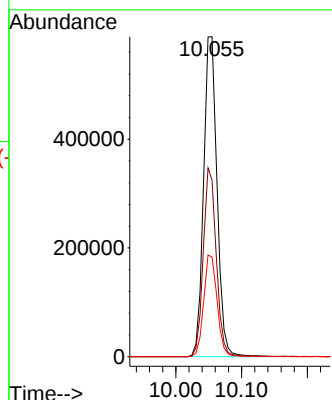
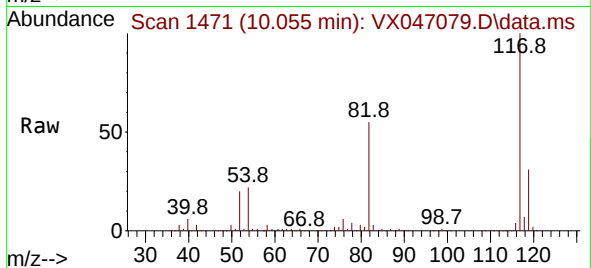




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion:117 Resp: 838806
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 31.1 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: VX047079.D
Acq: 23 Jul 2025 10:45

Tgt Ion:152 Resp: 406646
Ion Ratio Lower Upper
152 100
115 62.1 45.6 136.7
150 156.4 0.0 354.6

