

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046659.D
 Acq On : 12 Jun 2025 13:10
 Operator : JC/MD
 Sample : VX0612WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBL01

Quant Time: Jun 13 01:42:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.568	168	92224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	180952	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95358	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	75758	46.173	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.340%
35) Dibromofluoromethane	5.404	113	64522	48.487	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.980%
50) Toluene-d8	8.653	98	229993	52.424	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.840%
62) 4-Bromofluorobenzene	11.079	95	99118	54.605	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.200%

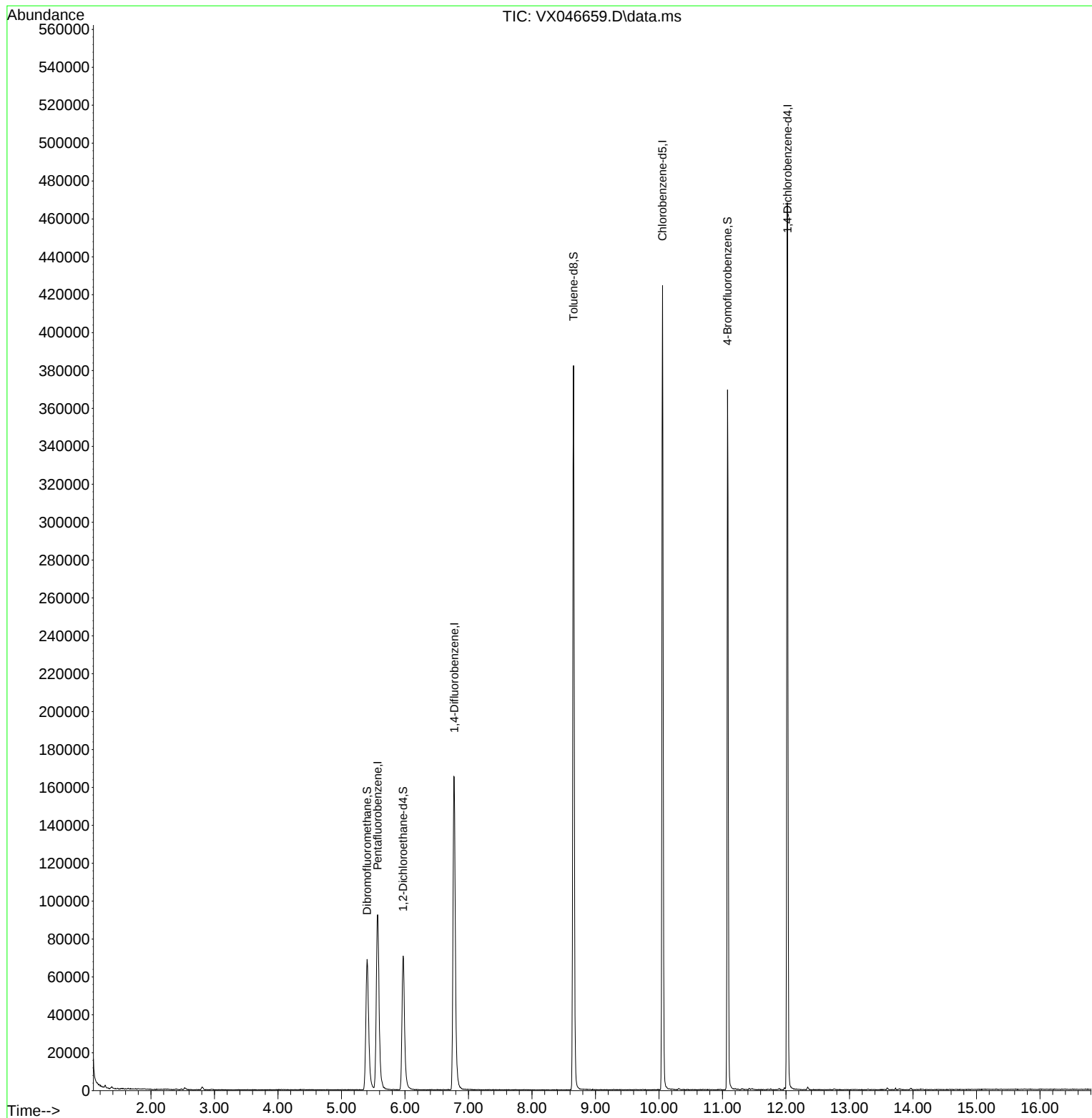
Target Compounds	Qvalue

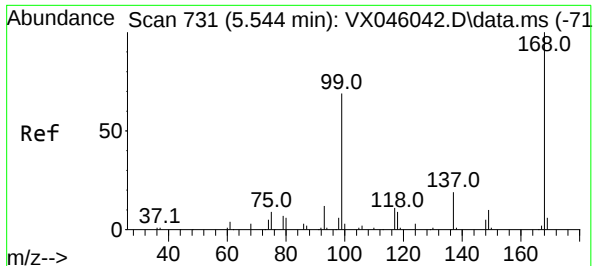
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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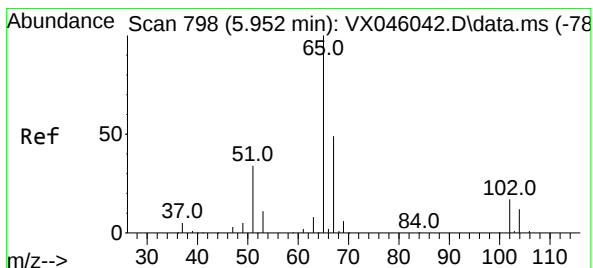
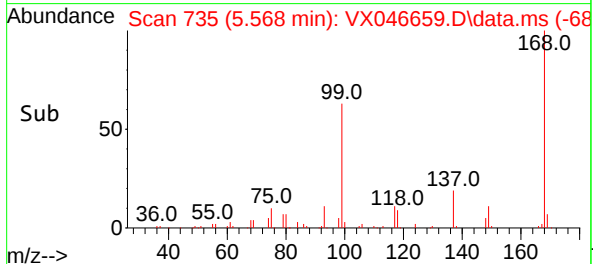
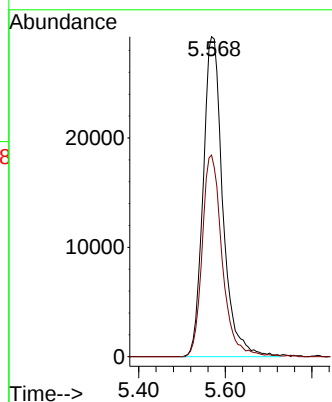
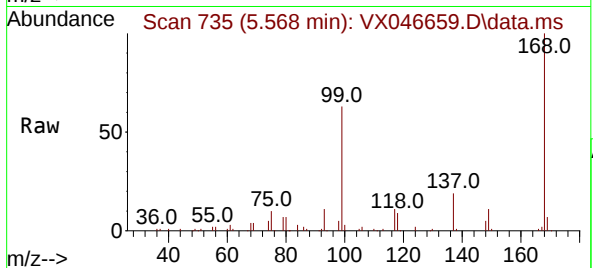




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

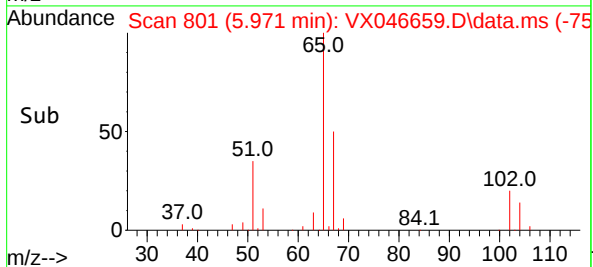
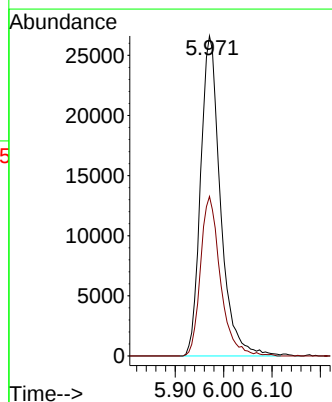
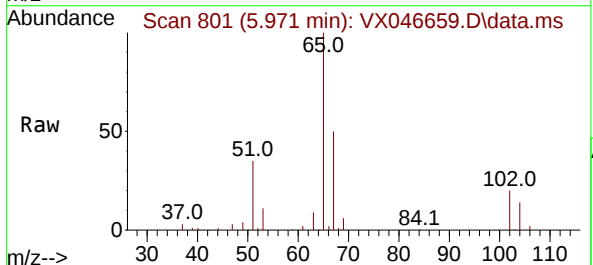
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBL01

Tgt Ion:168 Resp: 92224
Ion Ratio Lower Upper
168 100
99 63.0 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 46.173 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.001 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Tgt Ion: 65 Resp: 75758
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.0

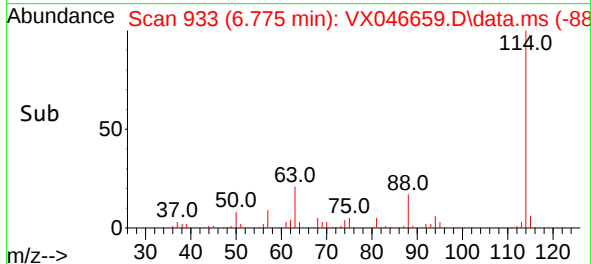
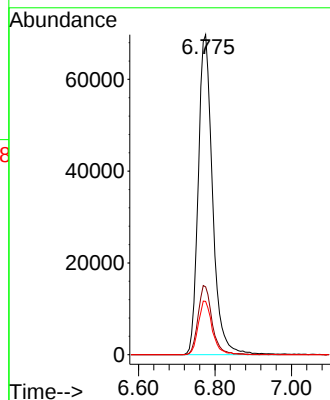
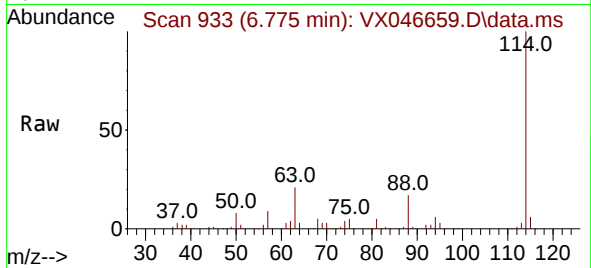




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

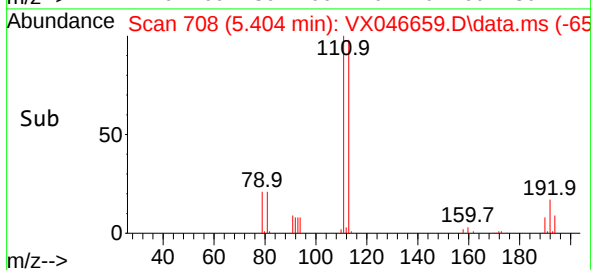
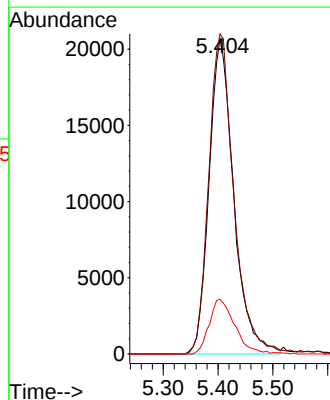
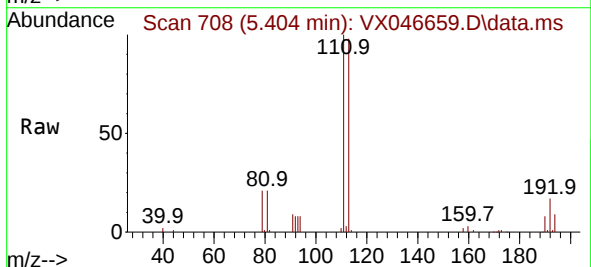
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBL01

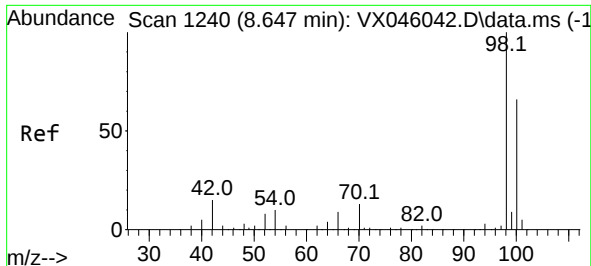
Tgt Ion:114 Resp: 180952
Ion Ratio Lower Upper
114 100
63 21.2 0.0 49.2
88 16.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 48.487 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.001 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Tgt Ion:113 Resp: 64522
Ion Ratio Lower Upper
113 100
111 103.6 83.1 124.7
192 18.1 13.3 19.9

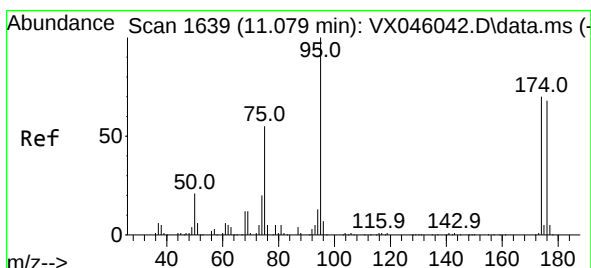
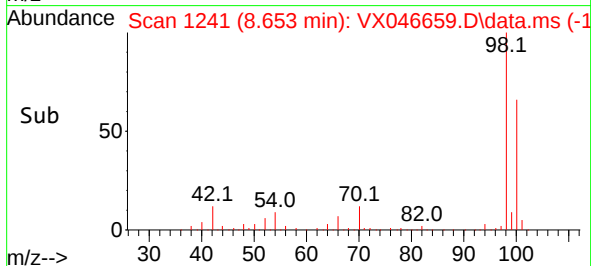
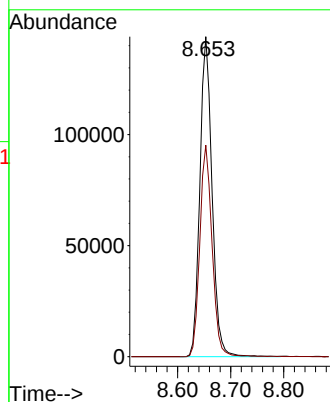
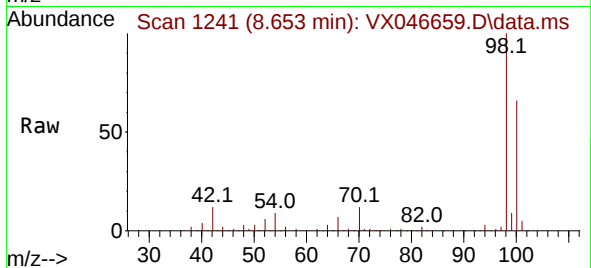




#50
Toluene-d8
Concen: 52.424 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

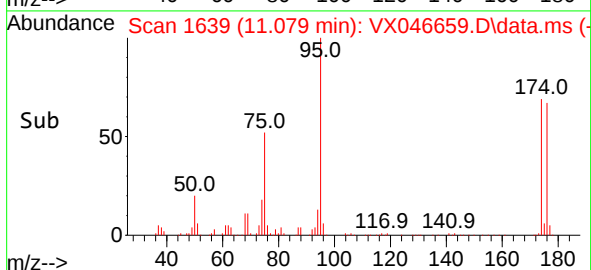
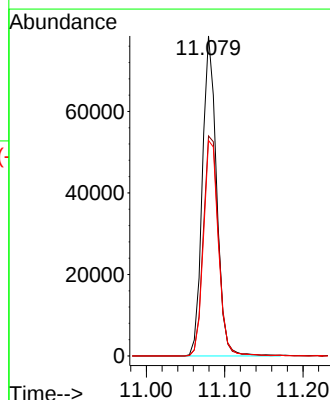
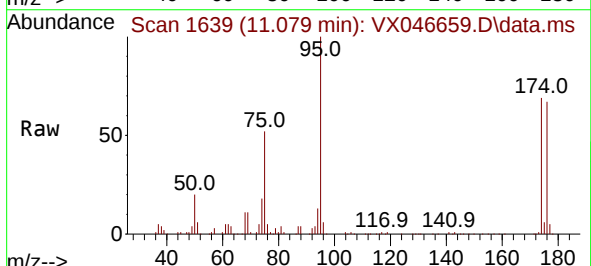
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBL01

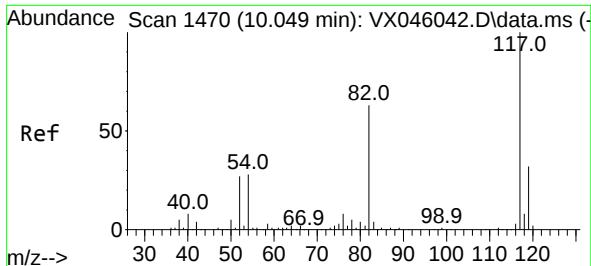
Tgt Ion: 98 Resp: 229993
Ion Ratio Lower Upper
98 100
100 66.6 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 54.605 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Tgt Ion: 95 Resp: 99118
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.8
176 70.9 0.0 131.4

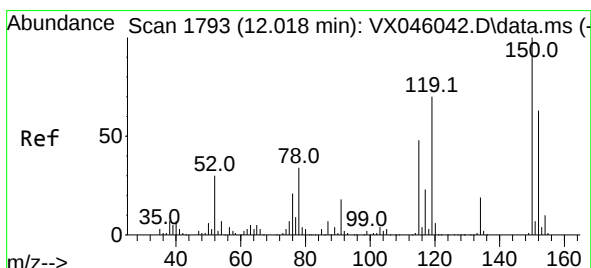
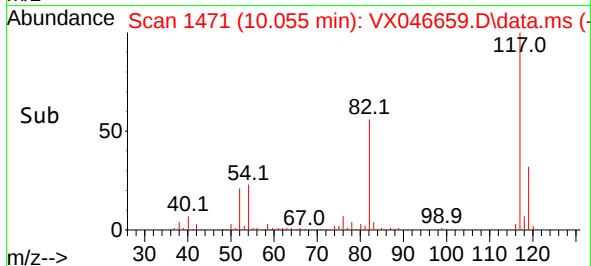
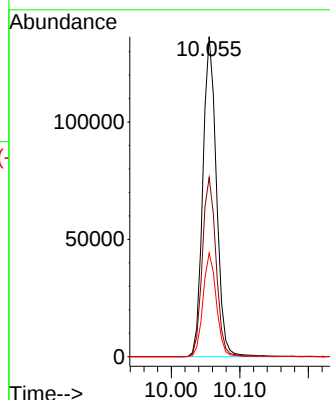
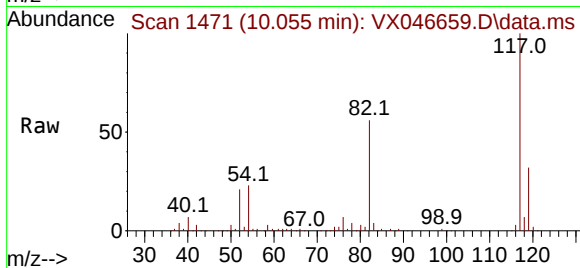




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBL01

Tgt Ion:117 Resp: 188641
Ion Ratio Lower Upper
117 100
82 56.0 50.6 76.0
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX046659.D
Acq: 12 Jun 2025 13:10

Tgt Ion:152 Resp: 95358
Ion Ratio Lower Upper
152 100
115 63.2 46.9 140.7
150 156.4 0.0 351.0

