

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
 Data File : VX048791.D
 Acq On : 09 Dec 2025 17:31
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 10 00:29:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	153221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	318860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	342650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	185562	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	107922	52.478	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.960%
35) Dibromofluoromethane	5.379	113	98936	45.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.120%
50) Toluene-d8	8.635	98	354966	46.124	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.240%
62) 4-Bromofluorobenzene	11.061	95	158158	59.598	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.200%

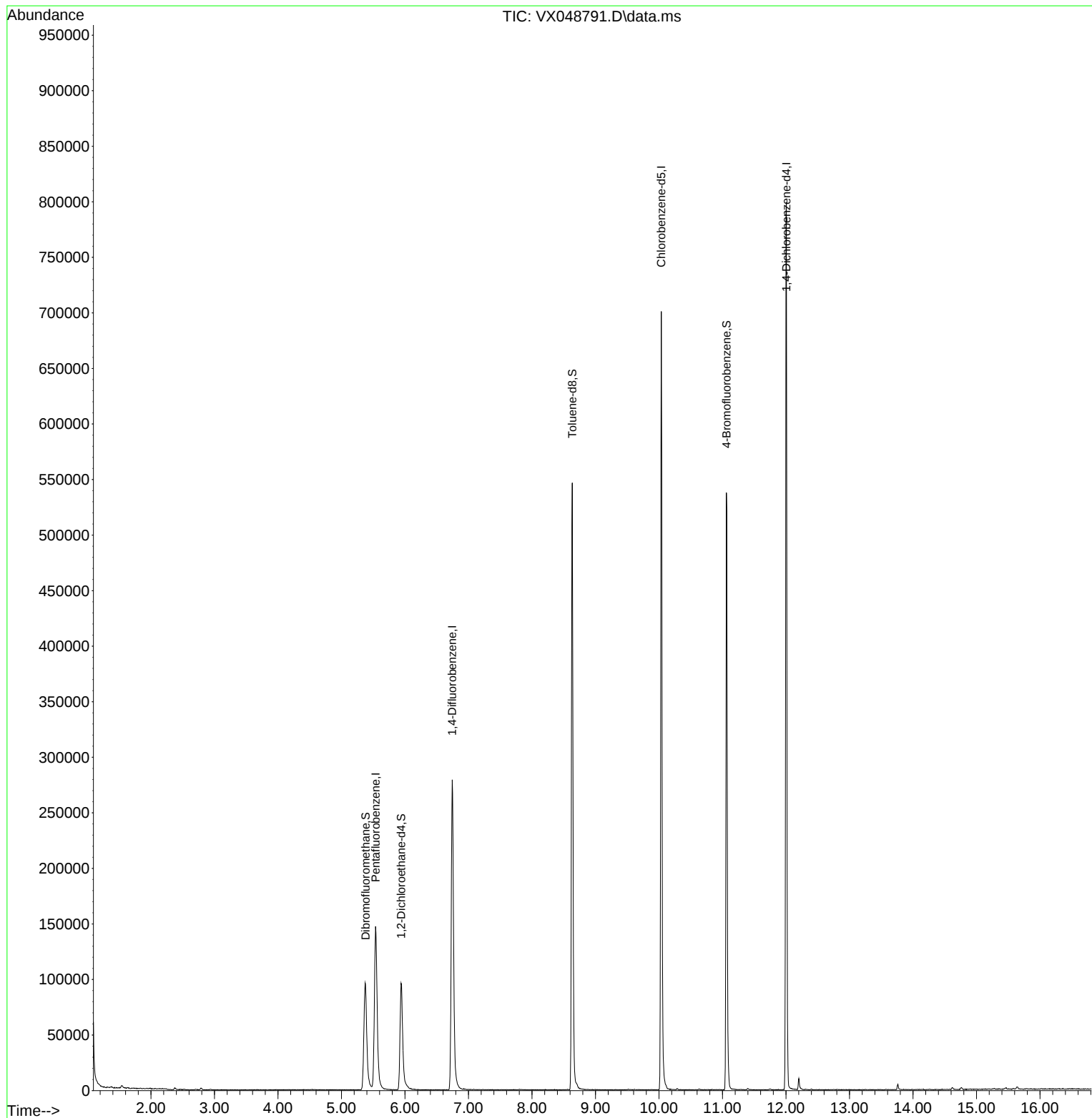
Target Compounds	Qvalue

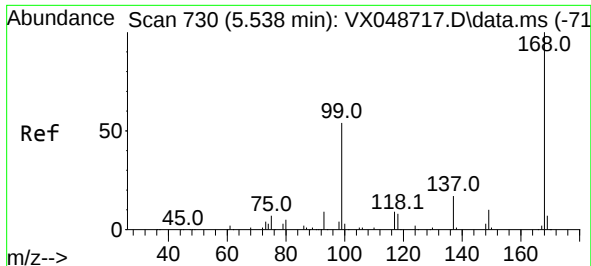
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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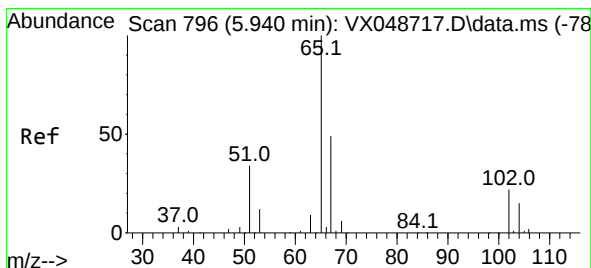
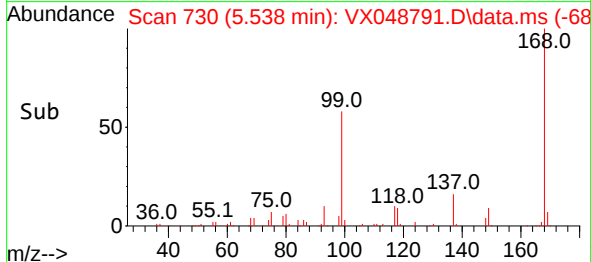
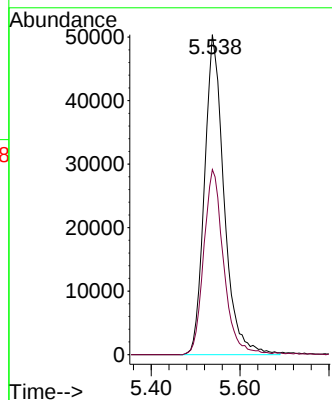
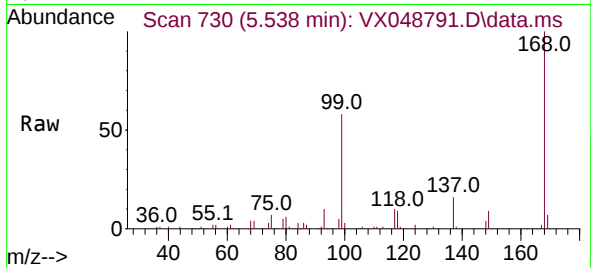




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.000 min
Lab File: VX048791.D
Acq: 09 Dec 2025 17:31

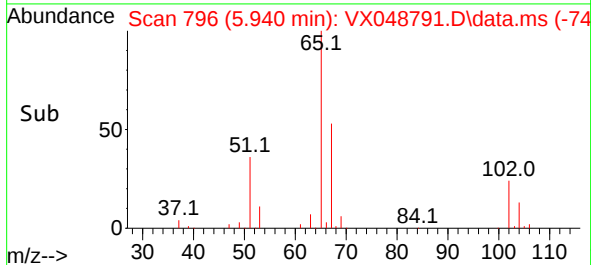
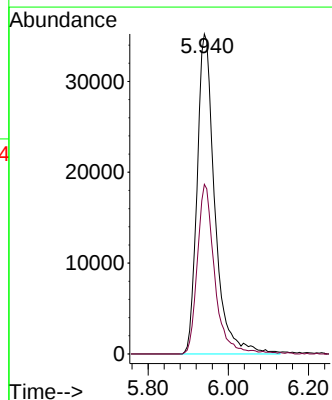
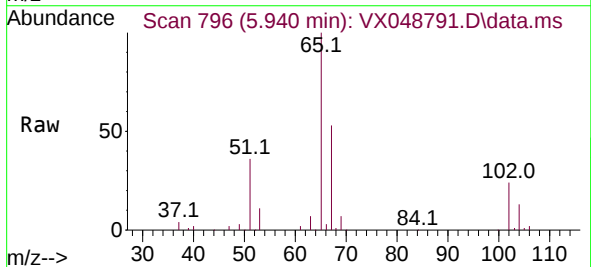
Instrument :
MSVOA_X
ClientSampleId :
IBLK

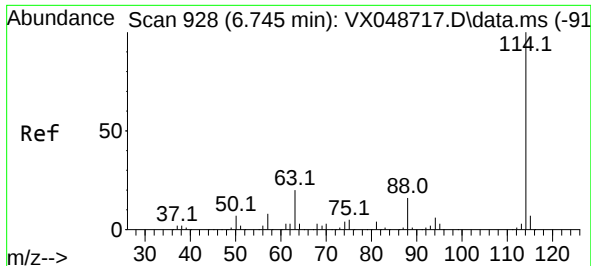
Tgt Ion:168 Resp: 153221
Ion Ratio Lower Upper
168 100
99 57.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 52.478 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048791.D
Acq: 09 Dec 2025 17:31

Tgt Ion: 65 Resp: 107922
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

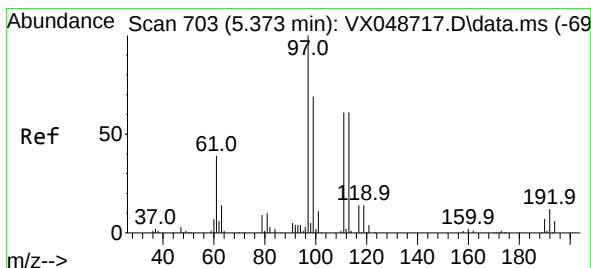
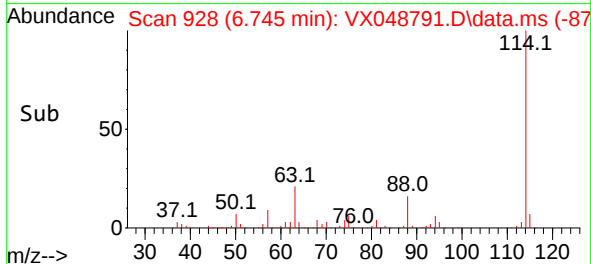
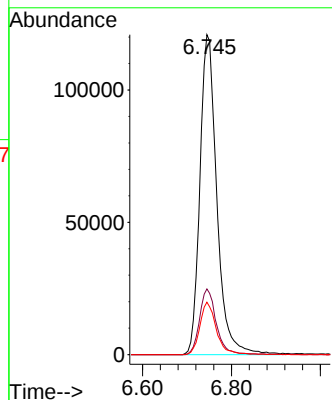
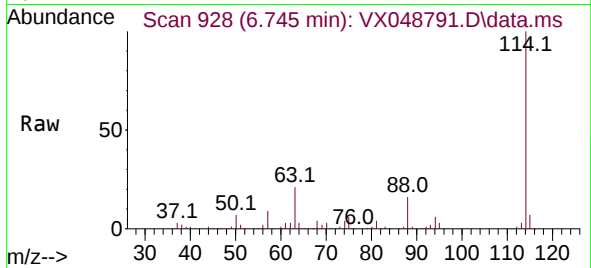




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048791.D
Acq: 09 Dec 2025 17:31

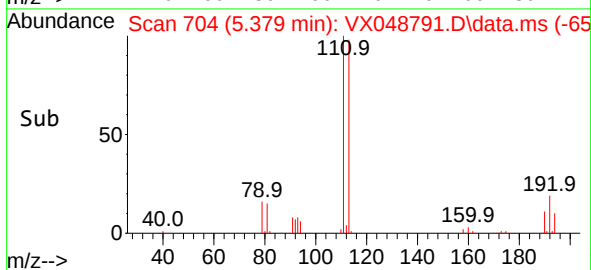
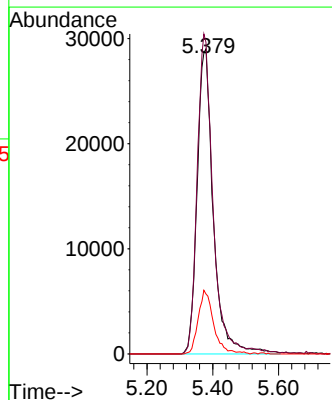
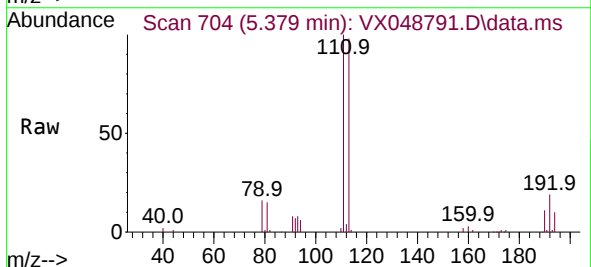
Instrument :
MSVOA_X
ClientSampleId :
IBLK

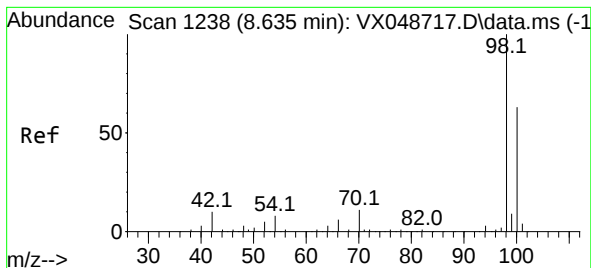
Tgt Ion:114 Resp: 318860
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.0
88 16.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.064 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048791.D
Acq: 09 Dec 2025 17:31

Tgt Ion:113 Resp: 98936
Ion Ratio Lower Upper
113 100
111 101.1 79.5 119.3
192 19.6 16.1 24.1





#50

Toluene-d8

Concen: 46.124 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048791.D

Acq: 09 Dec 2025 17:31

Instrument :

MSVOA_X

ClientSampleId :

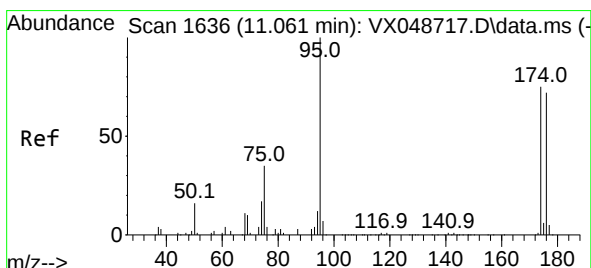
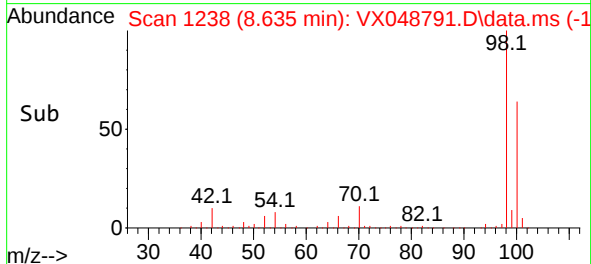
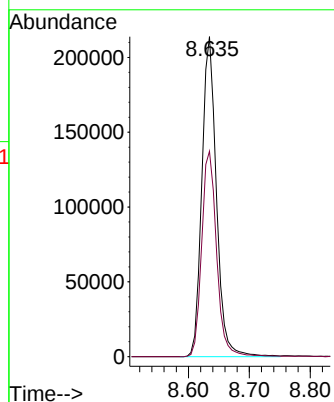
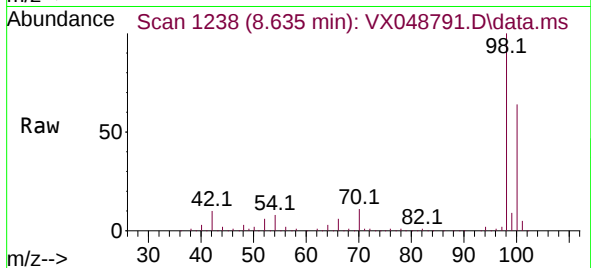
IBLK

Tgt Ion: 98 Resp: 354966

Ion Ratio Lower Upper

98 100

100 65.9 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 59.598 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.000 min

Lab File: VX048791.D

Acq: 09 Dec 2025 17:31

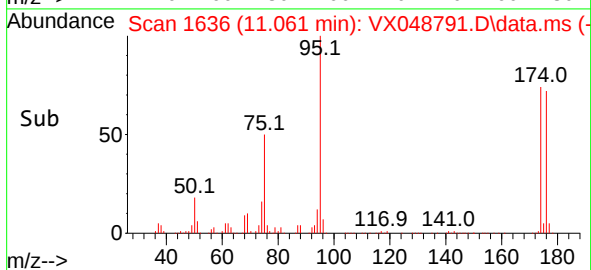
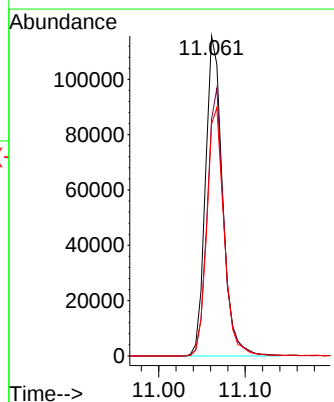
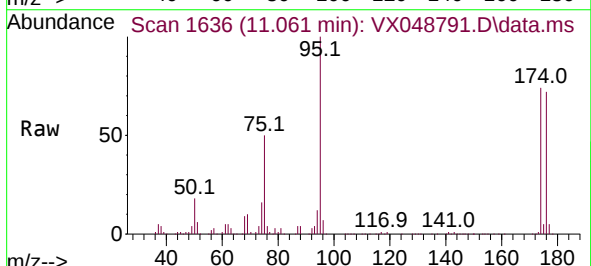
Tgt Ion: 95 Resp: 158158

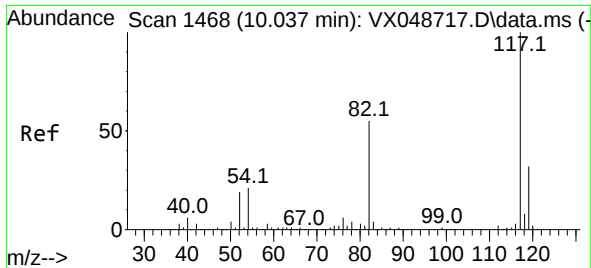
Ion Ratio Lower Upper

95 100

174 81.9 0.0 157.8

176 78.3 0.0 154.0

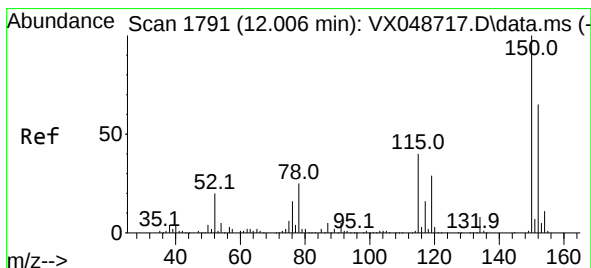
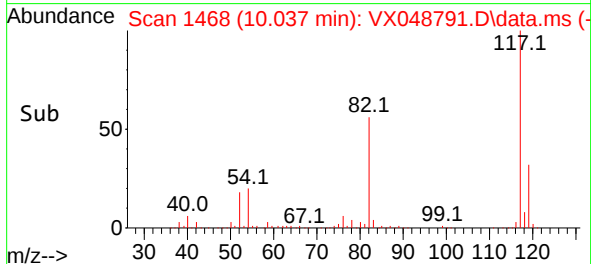
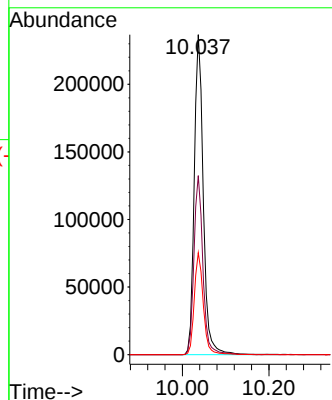
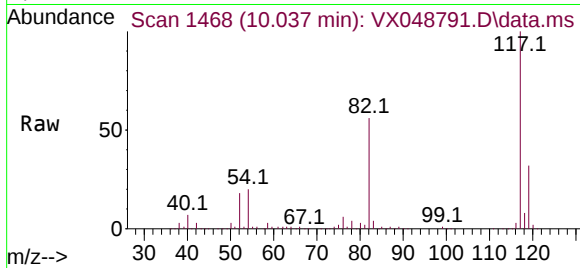




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048791.D
Acq: 09 Dec 2025 17:31

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 342650
Ion Ratio Lower Upper
117 100
82 55.9 44.1 66.1
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048791.D
Acq: 09 Dec 2025 17:31

Tgt Ion:152 Resp: 185562
Ion Ratio Lower Upper
152 100
115 58.1 42.1 126.4
150 155.1 0.0 347.8

