

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048211.D
 Acq On : 17 Oct 2025 14:51
 Operator : JC/MD
 Sample : Q3361-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Trip blank 251015076-04

Quant Time: Oct 18 00:18:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	105188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	218796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	233169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	94418	57.940	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.880%
35) Dibromofluoromethane	5.373	113	76522	50.393	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.780%
50) Toluene-d8	8.634	98	260539	47.626	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.260%
62) 4-Bromofluorobenzene	11.067	95	115421	57.928	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.860%

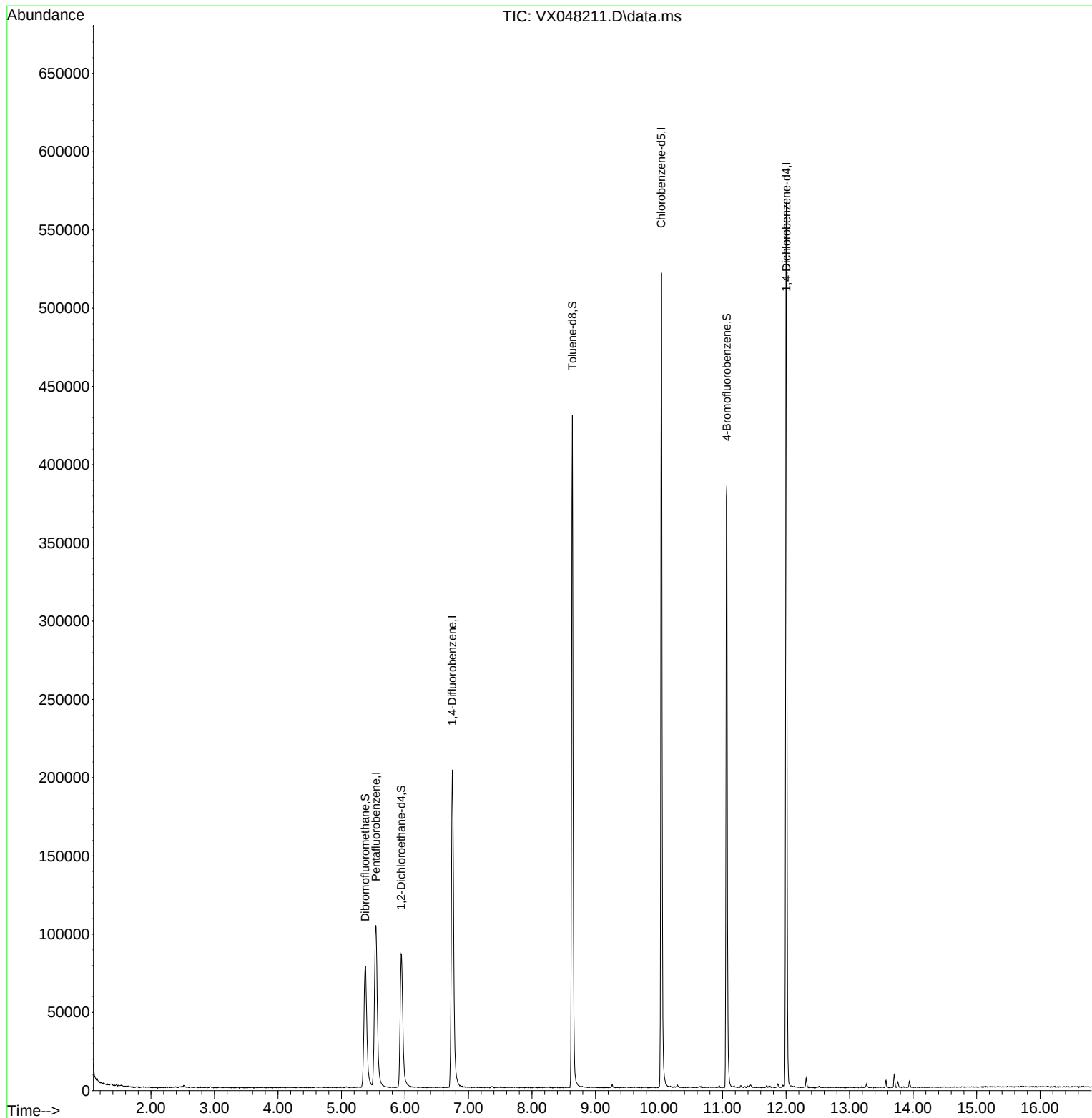
Target Compounds	Qvalue

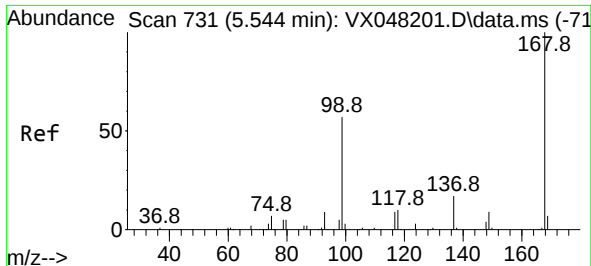
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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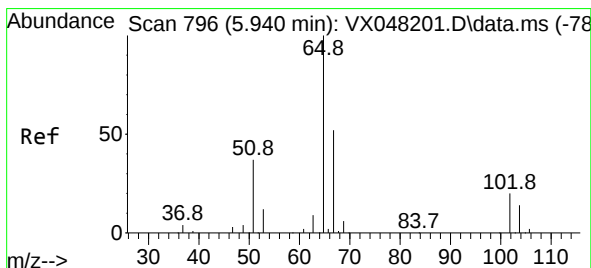
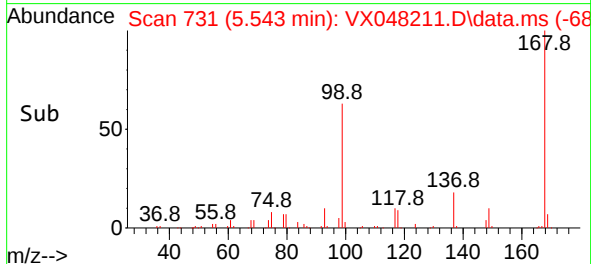
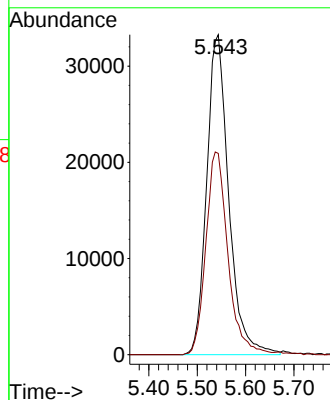
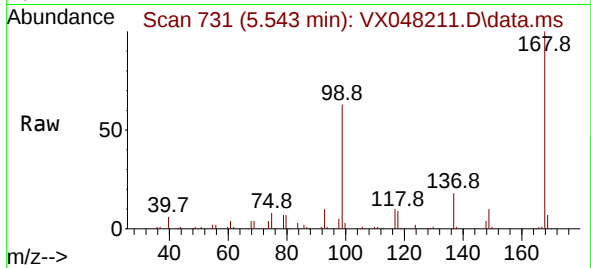




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.001 min
Lab File: VX048211.D
Acq: 17 Oct 2025 14:51

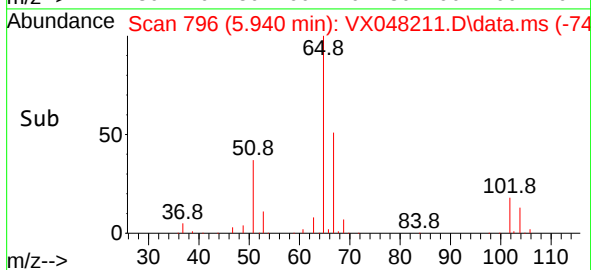
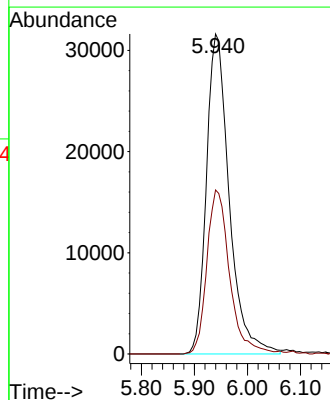
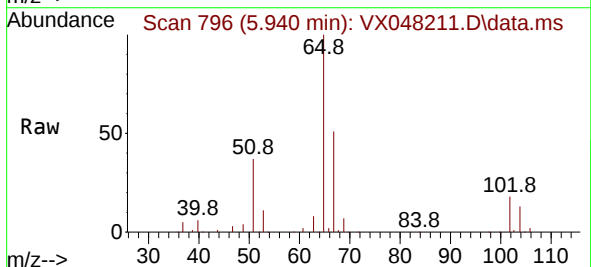
Instrument :
MSVOA_X
ClientSampleId :
Trip blank 251015076-04

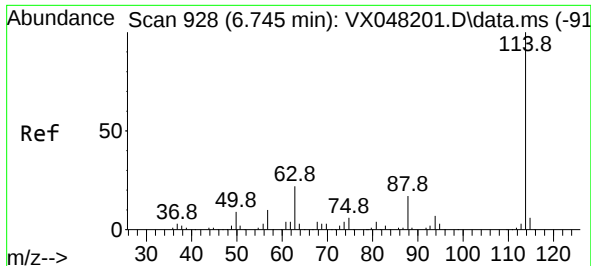
Tgt Ion:168 Resp: 105188
Ion Ratio Lower Upper
168 100
99 62.9 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 57.940 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048211.D
Acq: 17 Oct 2025 14:51

Tgt Ion: 65 Resp: 94418
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.0

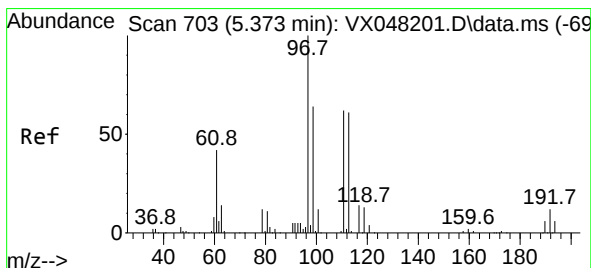
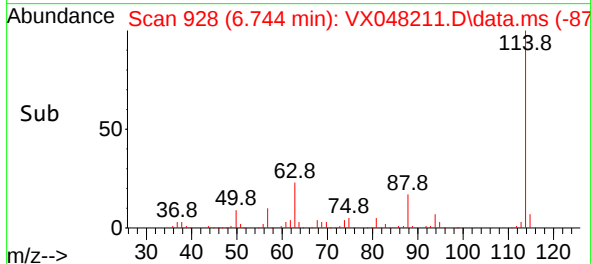
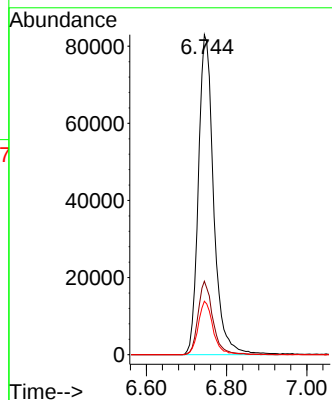
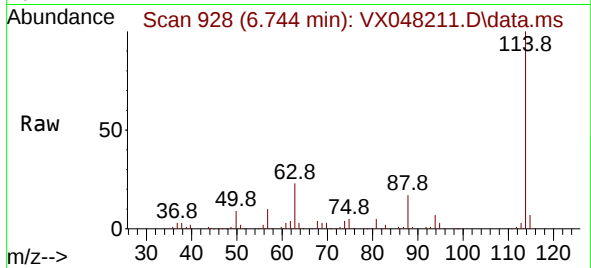




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX048211.D
Acq: 17 Oct 2025 14:51

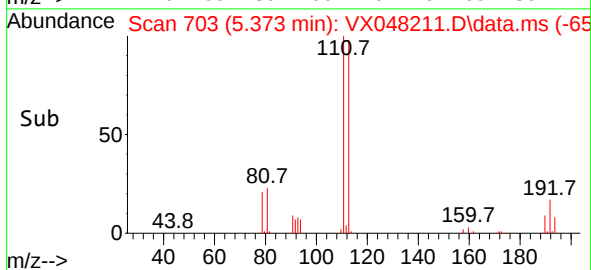
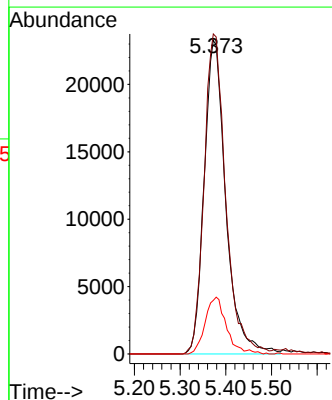
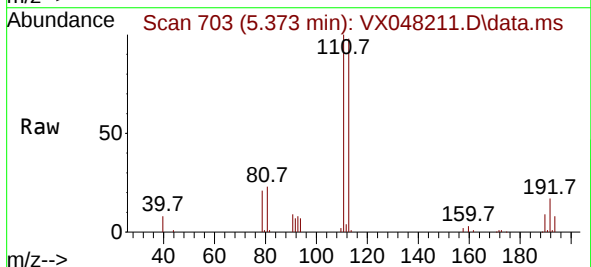
Instrument :
MSVOA_X
ClientSampleId :
Trip blank 251015076-04

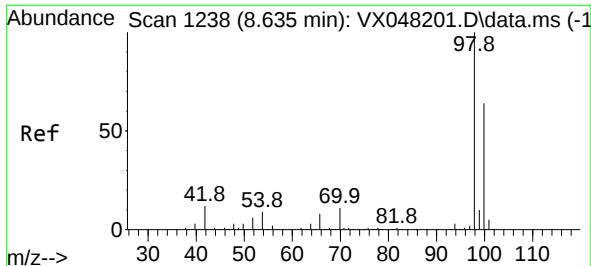
Tgt Ion:114 Resp: 218796
Ion Ratio Lower Upper
114 100
63 26.4 0.0 43.2
88 16.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.393 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048211.D
Acq: 17 Oct 2025 14:51

Tgt Ion:113 Resp: 76522
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 17.8 15.1 22.7

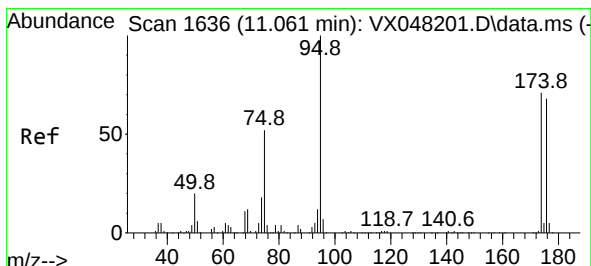
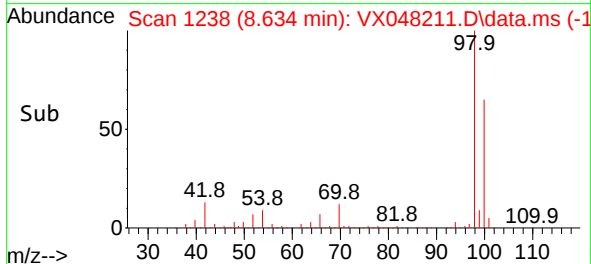
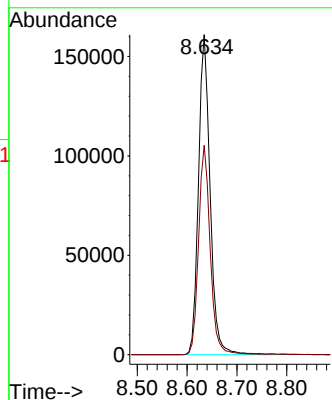
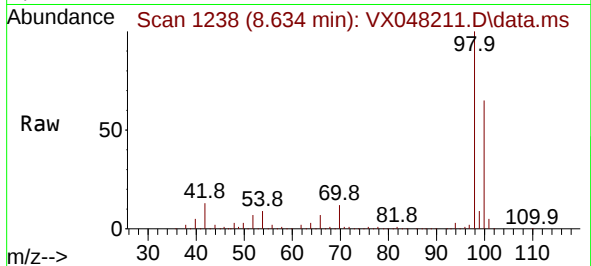




#50
Toluene-d8
Concen: 47.626 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048211.D
Acq: 17 Oct 2025 14:51

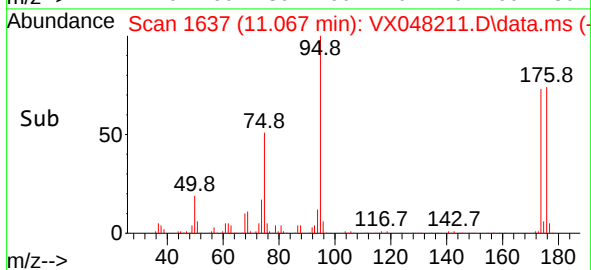
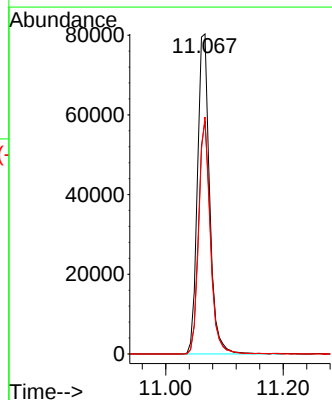
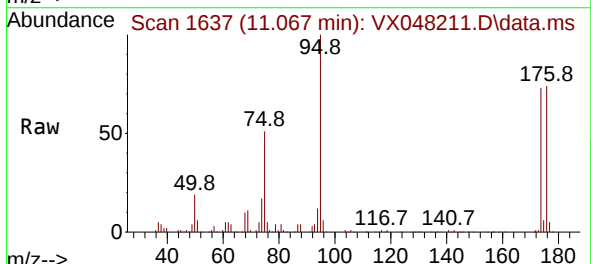
Instrument :
MSVOA_X
ClientSampleId :
Trip blank 251015076-04

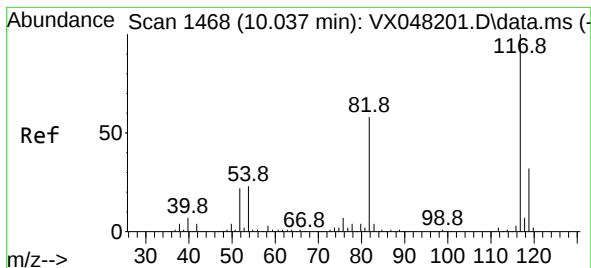
Tgt Ion: 98 Resp: 260539
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.928 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048211.D
Acq: 17 Oct 2025 14:51

Tgt Ion: 95 Resp: 115421
Ion Ratio Lower Upper
95 100
174 71.5 0.0 147.8
176 69.4 0.0 142.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.036 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048211.D

Acq: 17 Oct 2025 14:51

Instrument :

MSVOA_X

ClientSampleId :

Trip blank 251015076-04

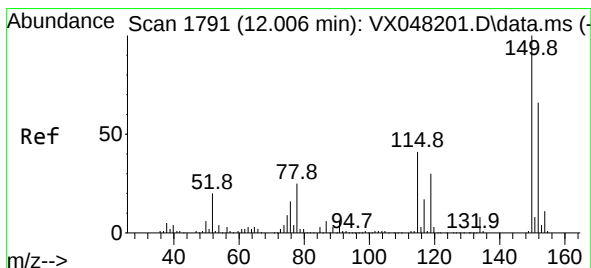
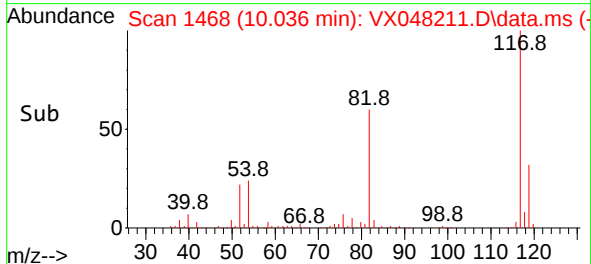
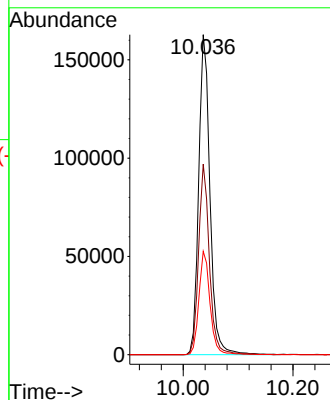
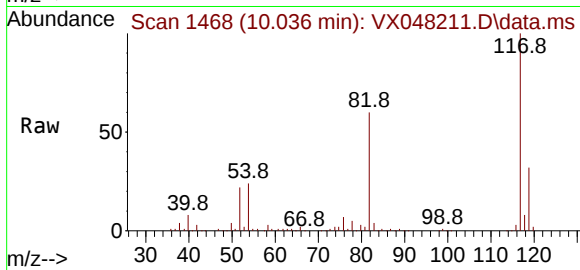
Tgt Ion:117 Resp: 233169

Ion Ratio Lower Upper

117 100

82 59.6 46.5 69.7

119 32.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048211.D

Acq: 17 Oct 2025 14:51

Tgt Ion:152 Resp: 119063

Ion Ratio Lower Upper

152 100

115 61.6 43.1 129.4

150 154.8 0.0 353.0

