

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048311.D
 Acq On : 23 Oct 2025 09:46
 Operator : JC/MD
 Sample : VX1023MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023MBL01

Quant Time: Oct 24 05:38:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	86084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	174731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	182476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	89788	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	75969	62.942	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	125.880%#
35) Dibromofluoromethane	5.367	113	53778	45.083	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.160%
50) Toluene-d8	8.628	98	220541	52.746	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.500%
62) 4-Bromofluorobenzene	11.061	95	90969	57.190	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.380%

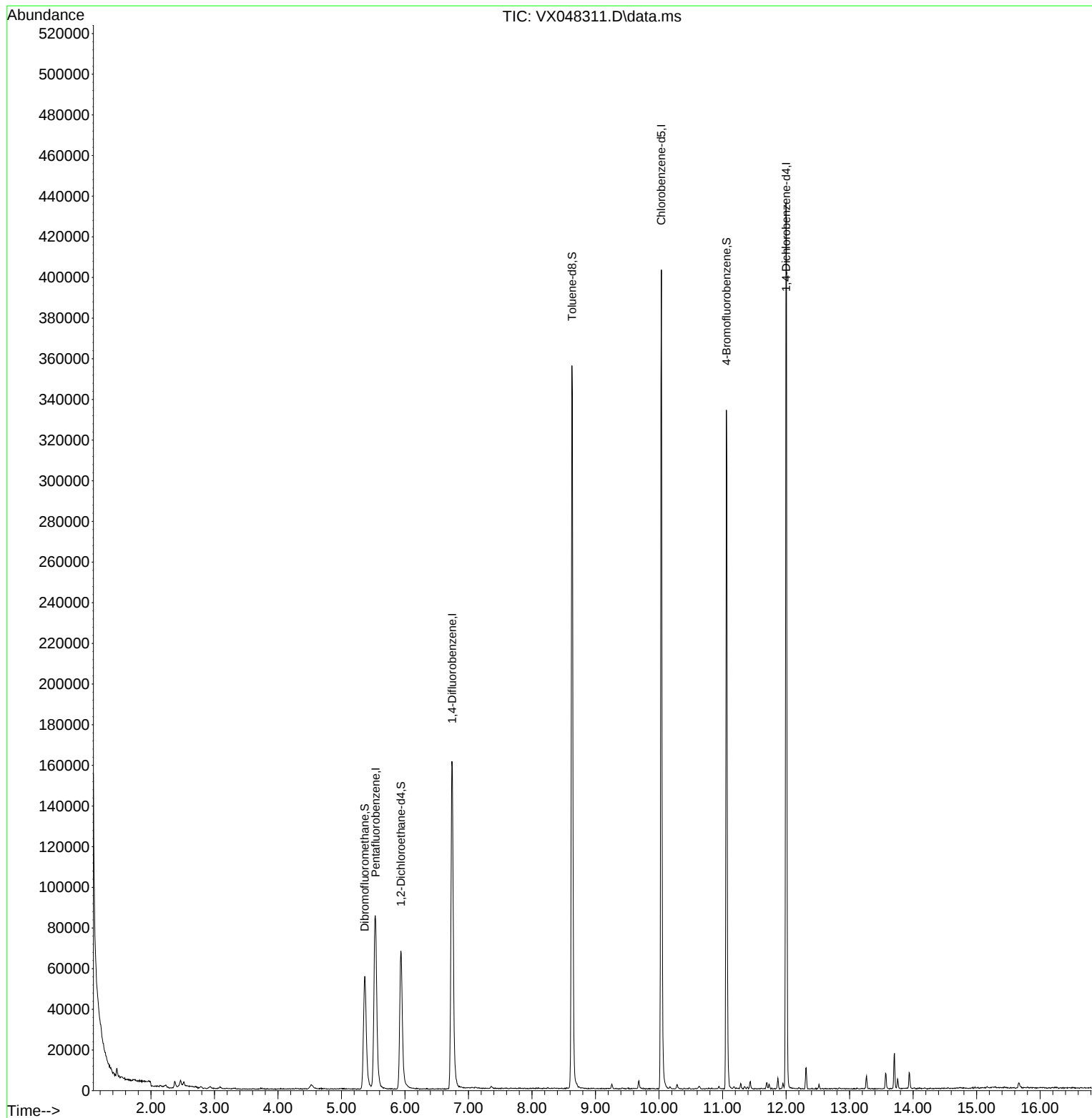
Target Compounds	Qvalue

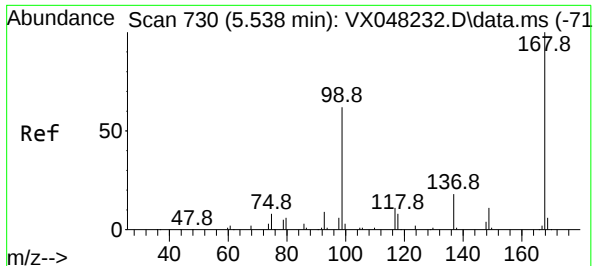
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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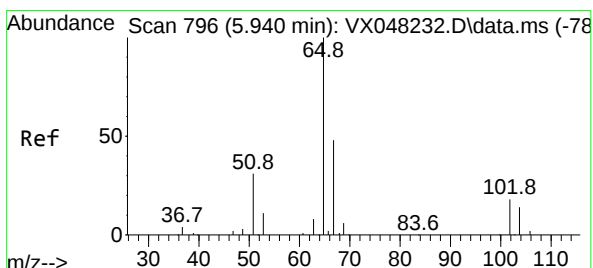
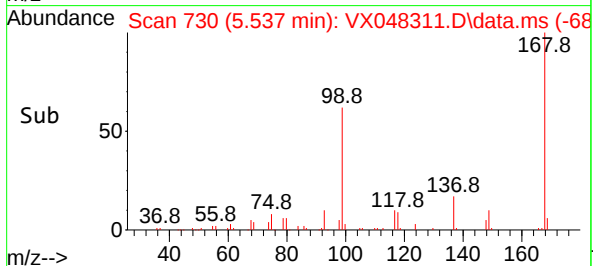
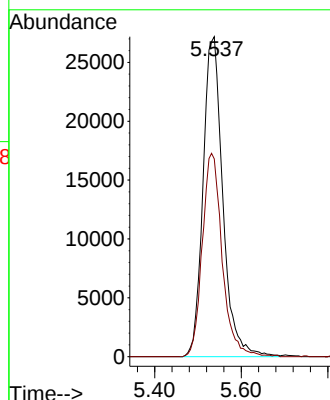
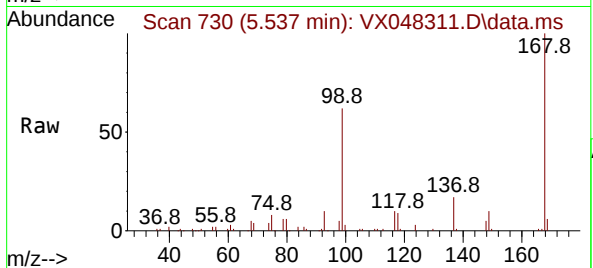




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 711
Delta R.T. -0.007 min
Lab File: VX048311.D
Acq: 23 Oct 2025 09:46

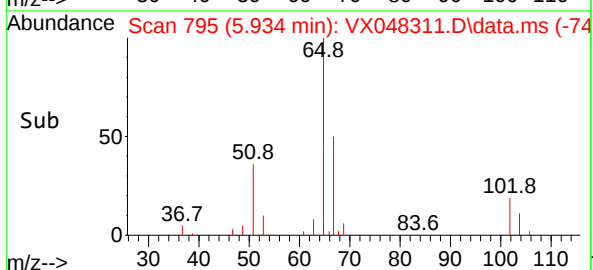
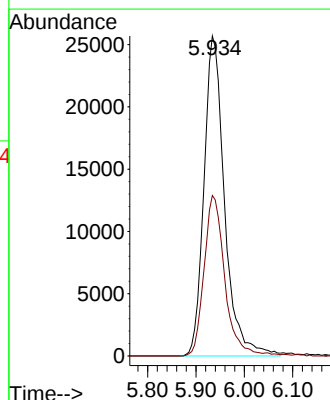
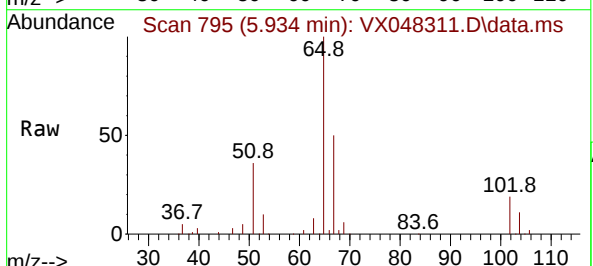
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBL01

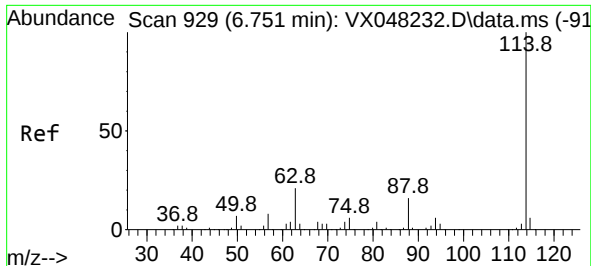
Tgt Ion:168 Resp: 86084
Ion Ratio Lower Upper
168 100
99 61.8 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 62.942 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048311.D
Acq: 23 Oct 2025 09:46

Tgt Ion: 65 Resp: 75969
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.0

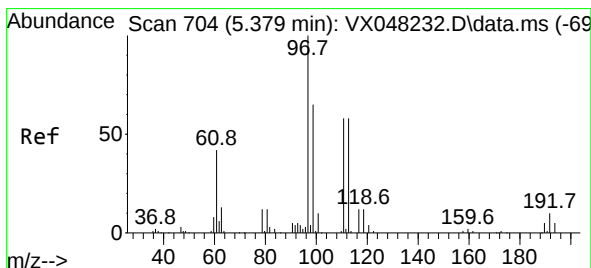
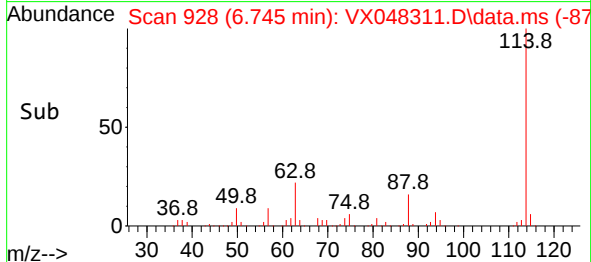
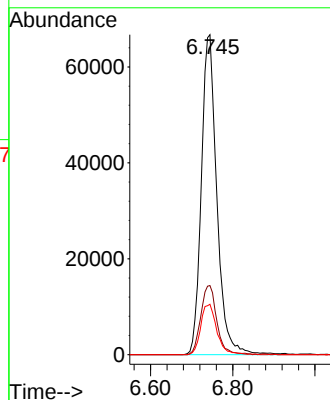
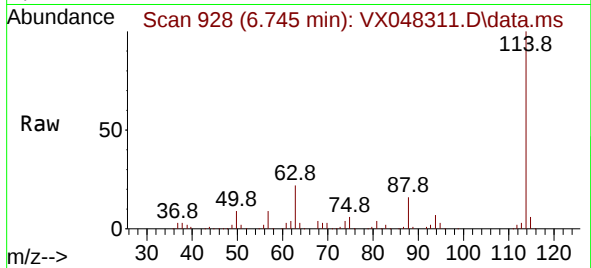




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048311.D
Acq: 23 Oct 2025 09:46

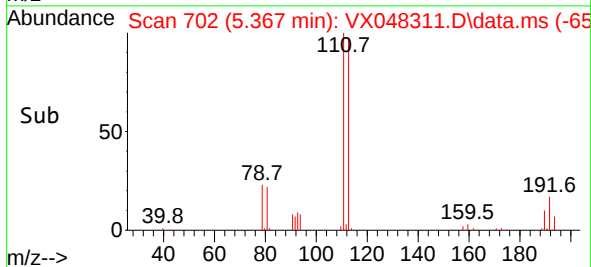
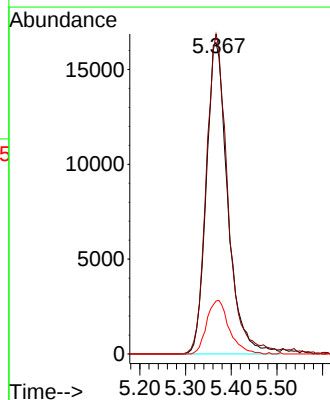
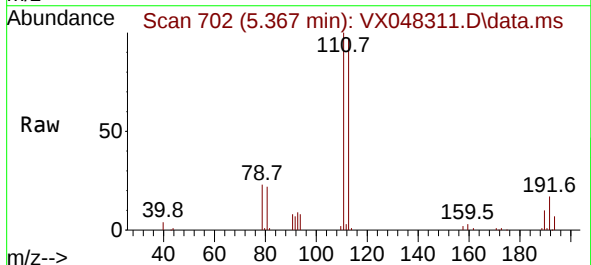
Instrument :
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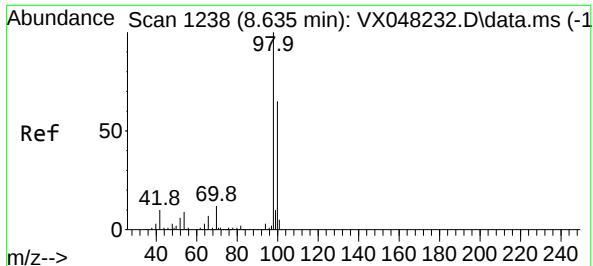
Tgt Ion:114 Resp: 174731
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.2
88 15.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 45.083 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048311.D
Acq: 23 Oct 2025 09:46

Tgt Ion:113 Resp: 53778
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.9 15.1 22.7

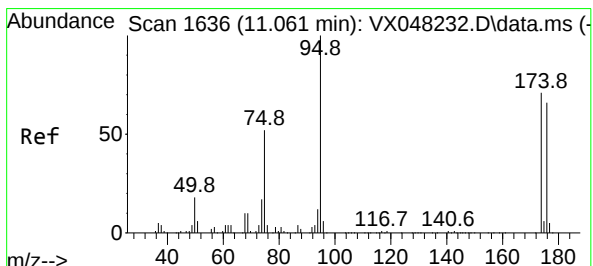
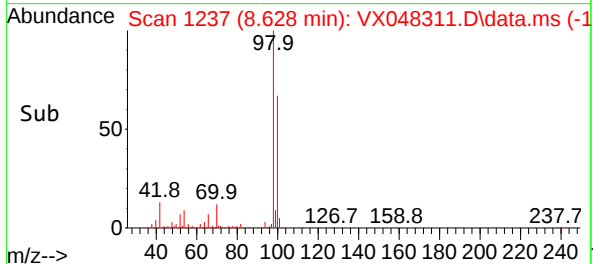
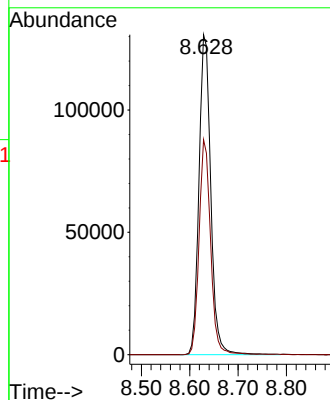
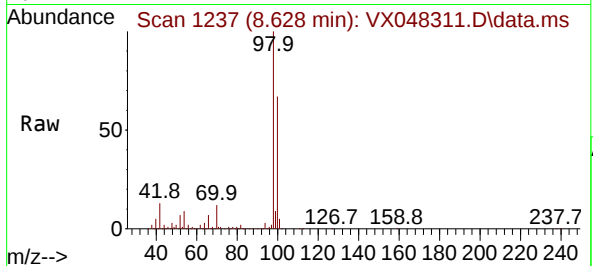




#50
Toluene-d8
Concen: 52.746 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048311.D
Acq: 23 Oct 2025 09:46

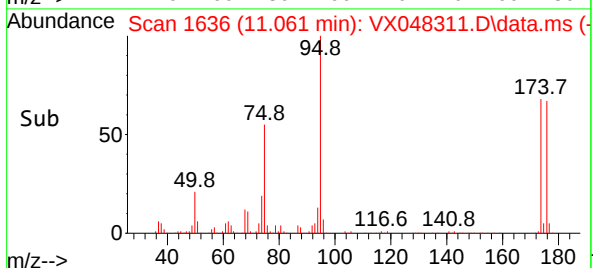
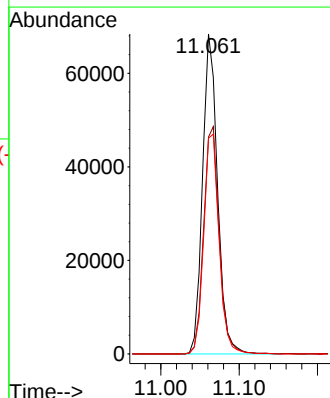
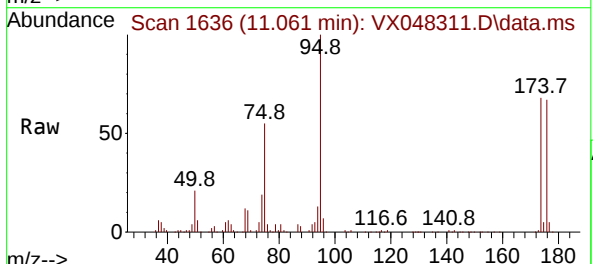
Instrument :
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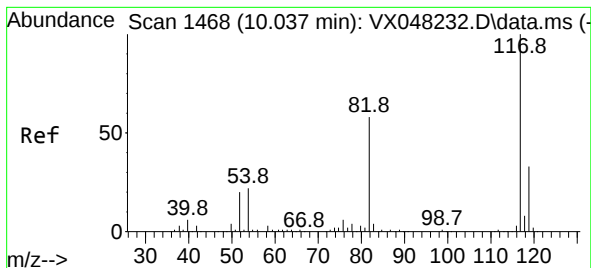
Tgt Ion: 98 Resp: 220541
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.190 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048311.D
Acq: 23 Oct 2025 09:46

Tgt Ion: 95 Resp: 90969
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.8
176 70.4 0.0 142.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048311.D

Acq: 23 Oct 2025 09:46

Instrument :

MSVOA_X

ClientSampleId :

VX1023MBL01

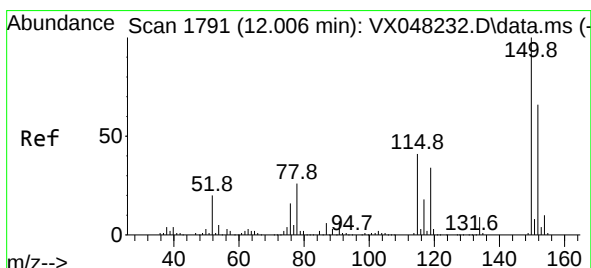
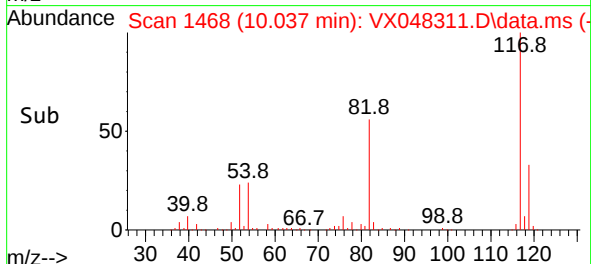
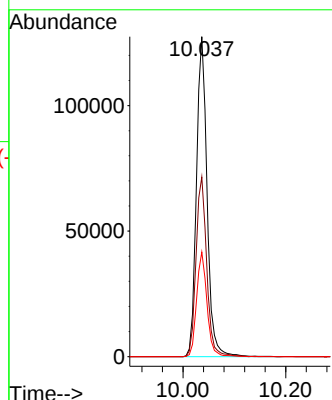
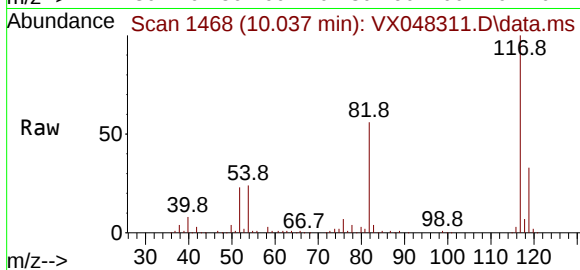
Tgt Ion:117 Resp: 182476

Ion Ratio Lower Upper

117 100

82 56.2 46.5 69.7

119 32.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.000 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VX048311.D

Acq: 23 Oct 2025 09:46

Tgt Ion:152 Resp: 89788

Ion Ratio Lower Upper

152 100

115 62.8 43.1 129.4

150 156.9 0.0 353.0

