

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
 Data File : VX048529.D
 Acq On : 10 Nov 2025 11:28
 Operator : JC/MD
 Sample : VX1110MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1110MBL01

Quant Time: Nov 11 00:43:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	191266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	325397	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	230141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	101710	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	130545	48.982	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.960%
35) Dibromofluoromethane	5.367	113	108753	44.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.320%
50) Toluene-d8	8.629	98	356442	46.405	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.820%
62) 4-Bromofluorobenzene	11.061	95	90550	31.633	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	63.260%#

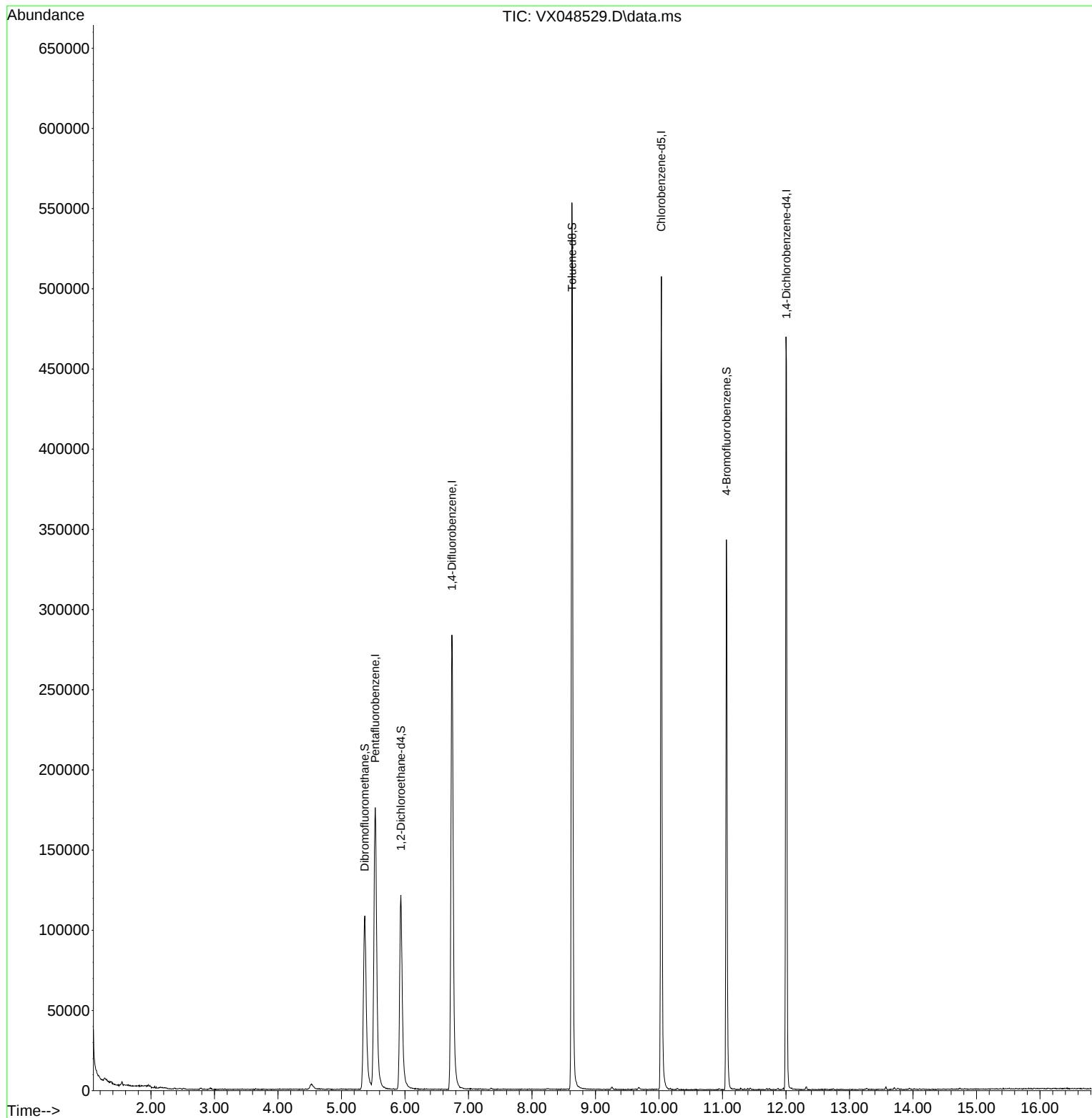
Target Compounds	Qvalue

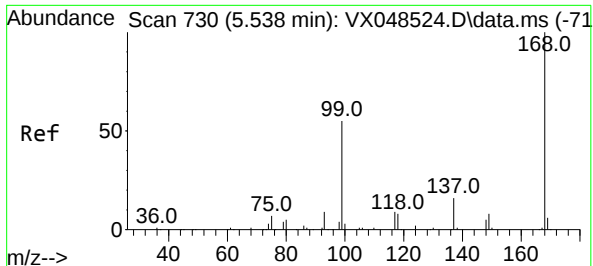
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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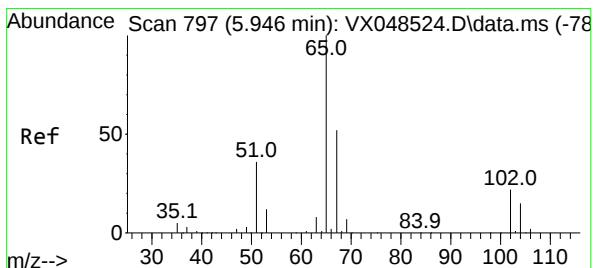
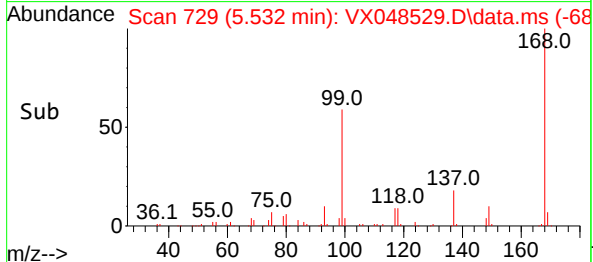
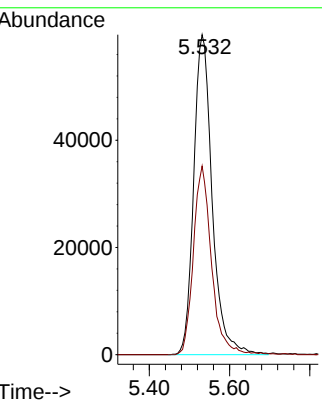
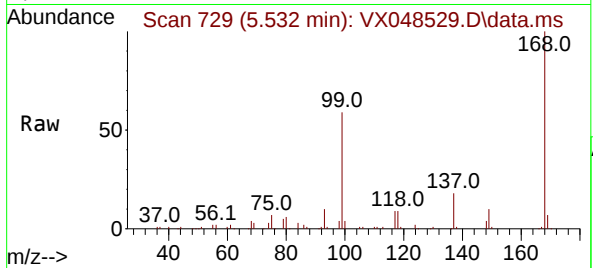




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

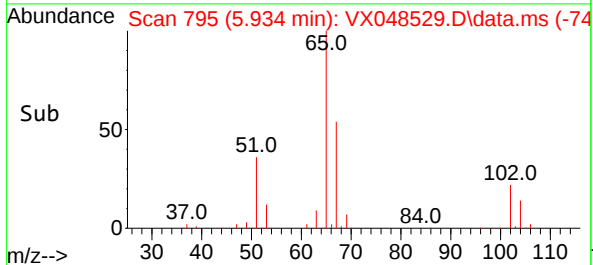
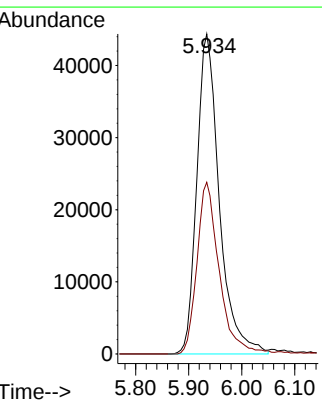
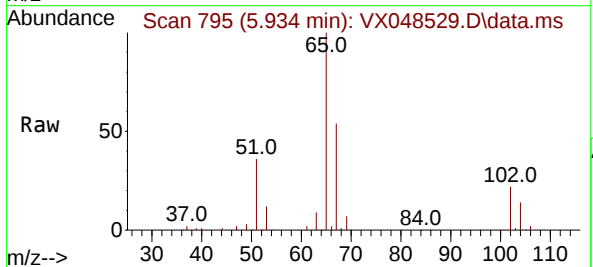
Instrument :
MSVOA_X
ClientSampleId :
VX1110MBL01

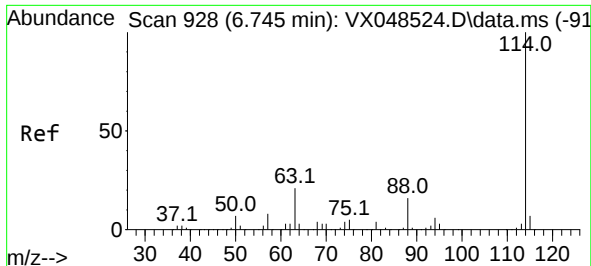
Tgt Ion:168 Resp: 191266
Ion Ratio Lower Upper
168 100
99 58.9 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 48.982 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.012 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

Tgt Ion: 65 Resp: 130545
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.2

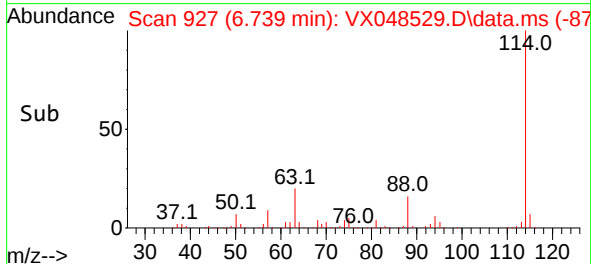
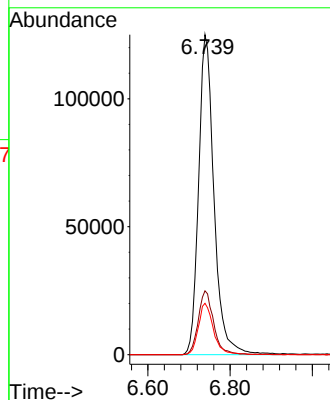
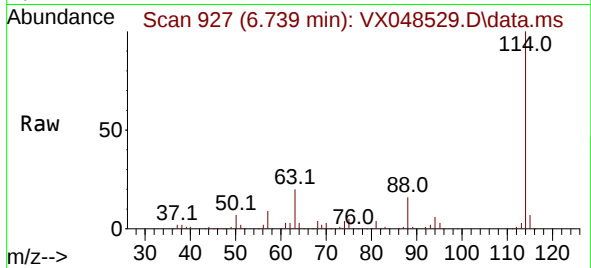




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

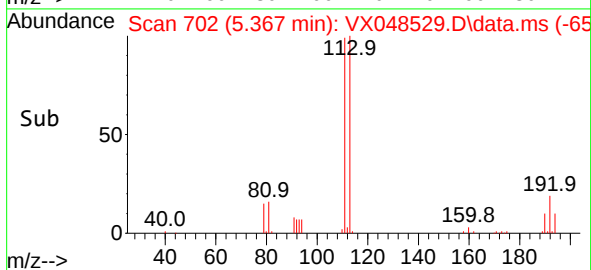
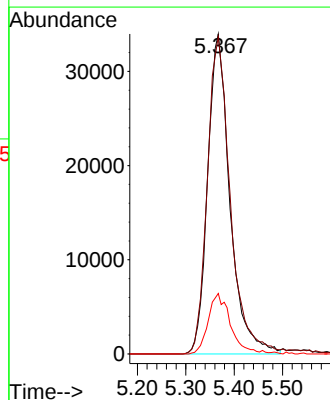
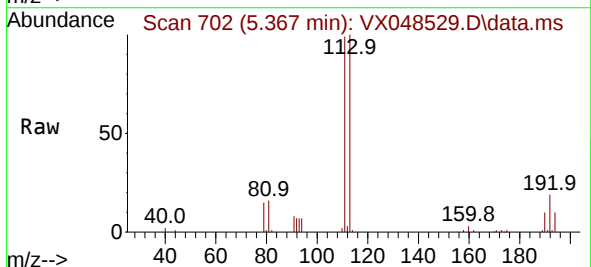
Instrument :
MSVOA_X
ClientSampleId :
VX1110MBL01

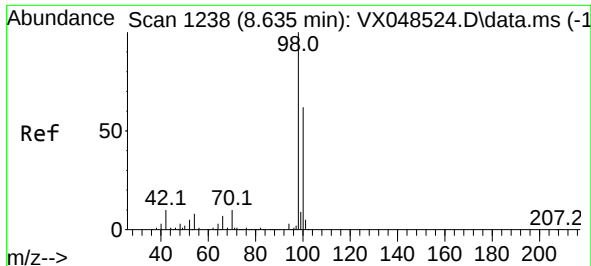
Tgt Ion:114 Resp: 325397
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.2
88 16.1 0.0 32.2



#35
Dibromofluoromethane
Concen: 44.158 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

Tgt Ion:113 Resp: 108753
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 18.8 15.8 23.6

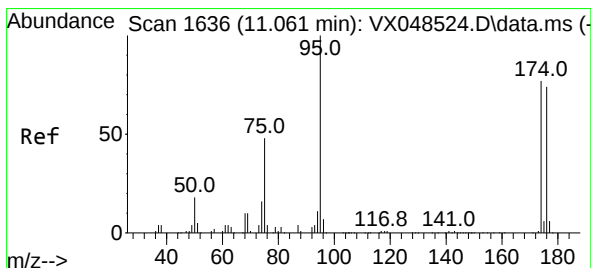
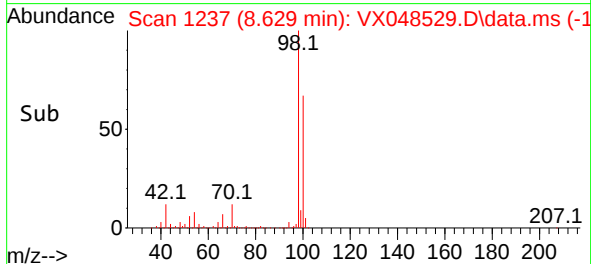
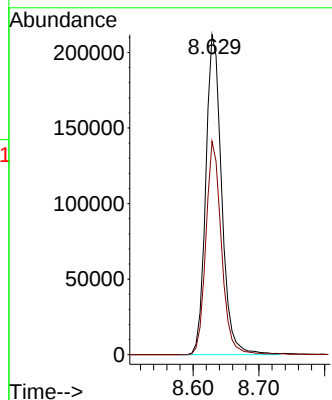
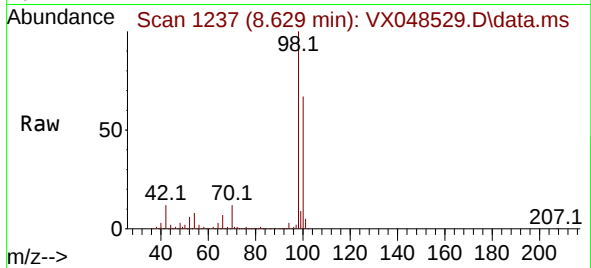




#50
Toluene-d8
Concen: 46.405 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

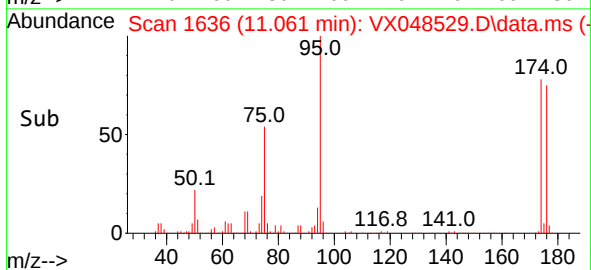
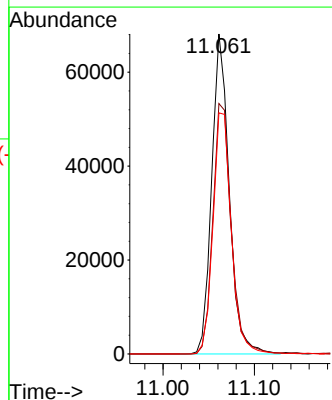
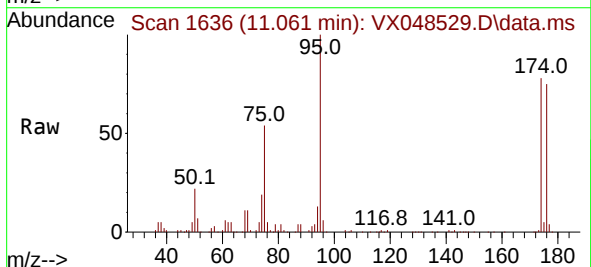
Instrument :
MSVOA_X
ClientSampleId :
VX1110MBL01

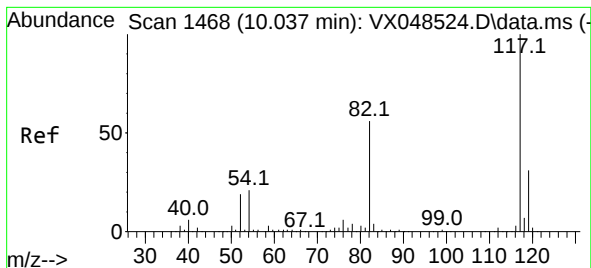
Tgt Ion: 98 Resp: 356442
Ion Ratio Lower Upper
98 100
100 65.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 31.633 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

Tgt Ion: 95 Resp: 90550
Ion Ratio Lower Upper
95 100
174 82.1 0.0 161.8
176 79.3 0.0 153.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048529.D

Acq: 10 Nov 2025 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1110MBL01

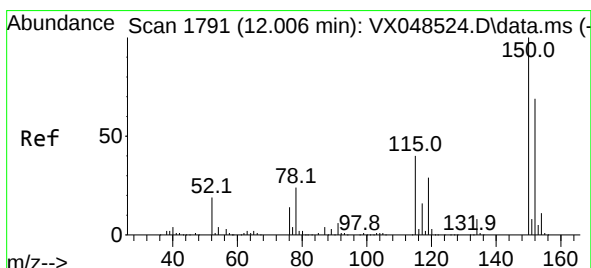
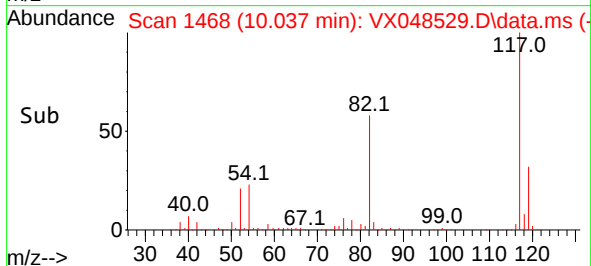
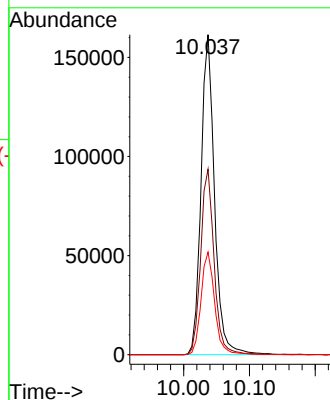
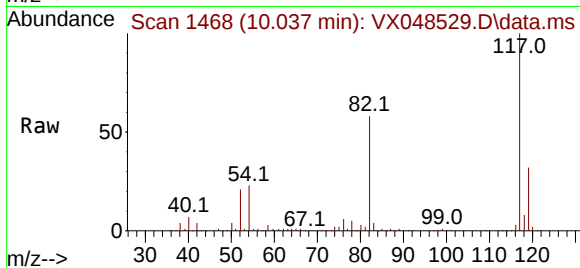
Tgt Ion:117 Resp: 230141

Ion Ratio Lower Upper

117 100

82 58.0 44.4 66.6

119 32.1 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX048529.D

Acq: 10 Nov 2025 11:28

Tgt Ion:152 Resp: 101710

Ion Ratio Lower Upper

152 100

115 58.6 39.2 117.6

150 157.7 0.0 347.0

