

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
 Data File : VX048867.D
 Acq On : 15 Dec 2025 09:42
 Operator : JC/MD
 Sample : VX1215MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215MBL01

Quant Time: Dec 16 00:11:49 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	5.525	168	186847	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.732	114	306603	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.037	117	270613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	122517	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	118115	47.098	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.200%
35) Dibromofluoromethane	5.355	113	102244	48.432	ug/l	-0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.860%
50) Toluene-d8	8.628	98	368698	49.824	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.640%
62) 4-Bromofluorobenzene	11.061	95	114320	44.801	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.600%

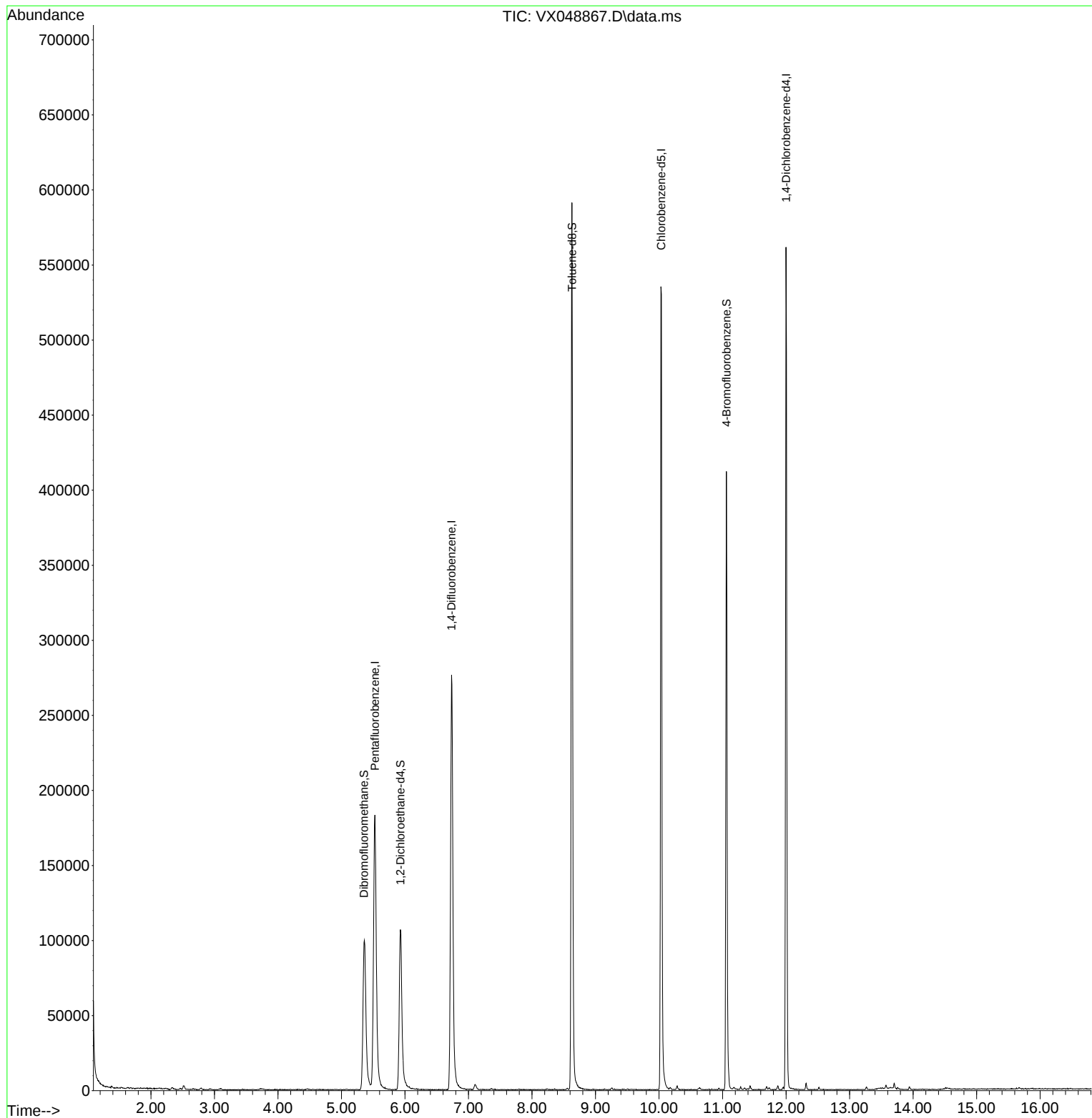
Target Compounds	Qvalue

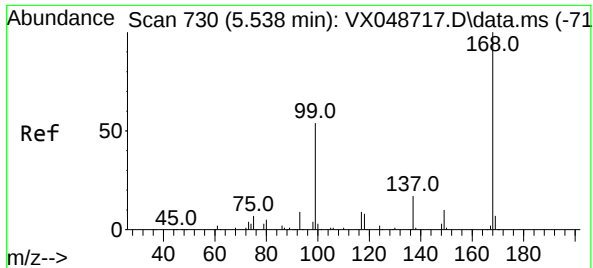
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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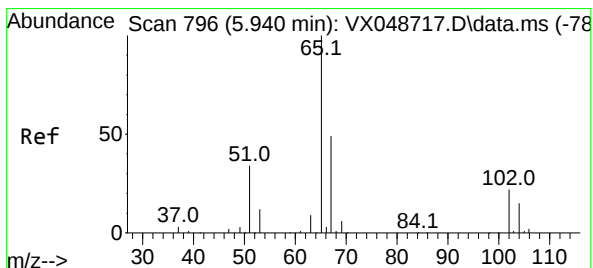
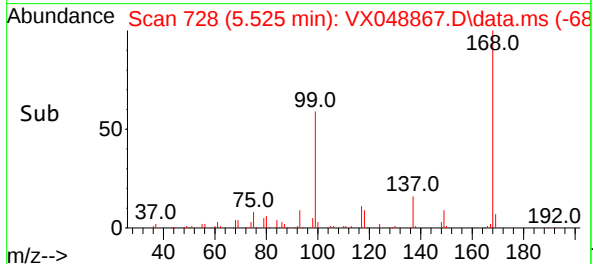
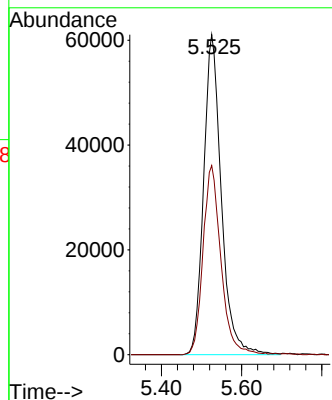
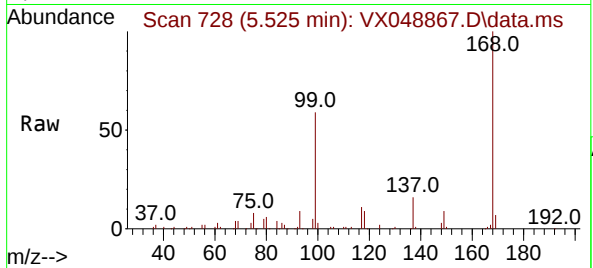




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 712
Delta R.T. -0.013 min
Lab File: VX048867.D
Acq: 15 Dec 2025 09:42

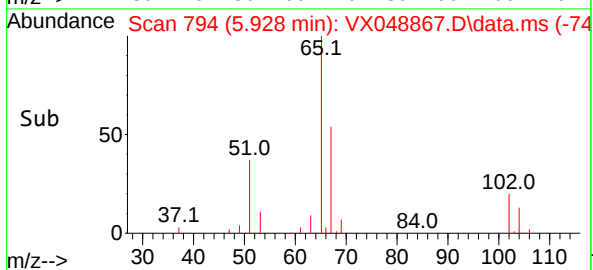
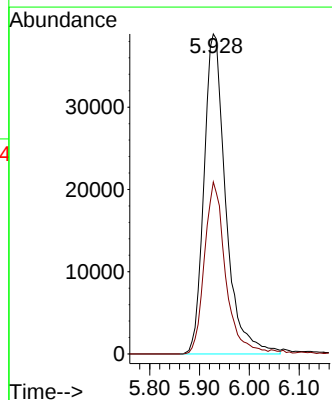
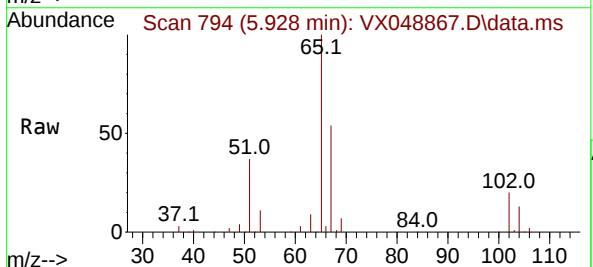
Instrument :
MSVOA_X
ClientSampleId :
VX1215MBL01

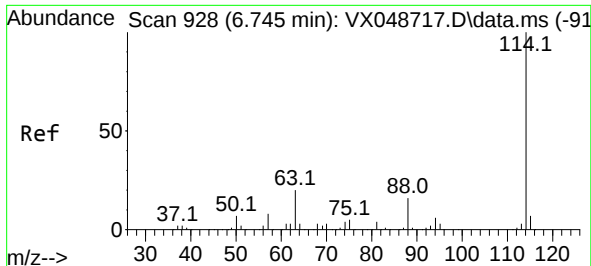
Tgt Ion:168 Resp: 186847
Ion Ratio Lower Upper
168 100
99 59.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.098 ug/l
RT: 5.928 min Scan# 794
Delta R.T. -0.012 min
Lab File: VX048867.D
Acq: 15 Dec 2025 09:42

Tgt Ion: 65 Resp: 118115
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

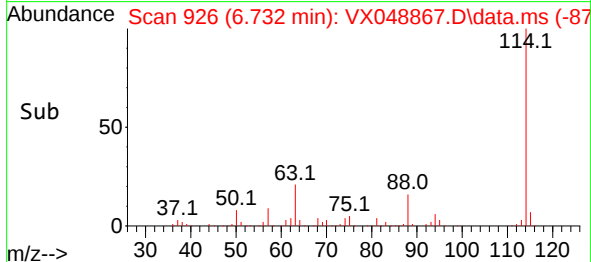
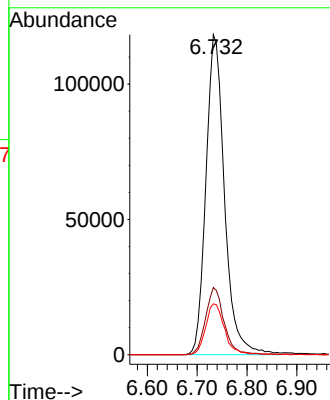
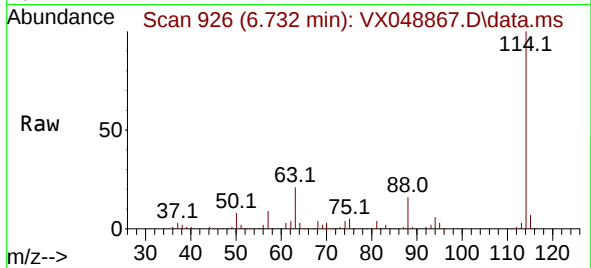




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.732 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX048867.D
Acq: 15 Dec 2025 09:42

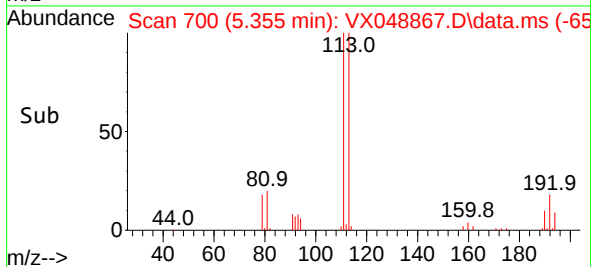
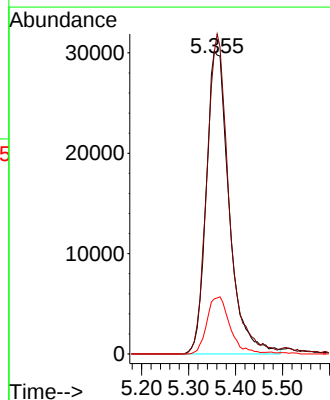
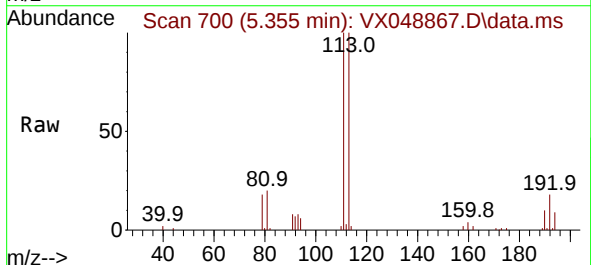
Instrument :
MSVOA_X
ClientSampleId :
VX1215MBL01

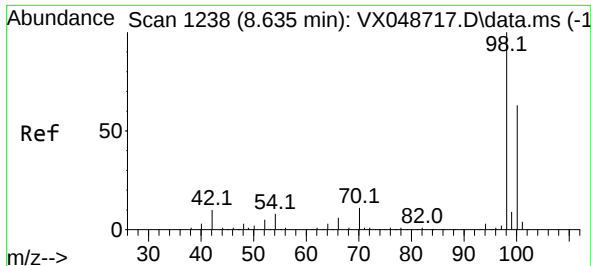
Tgt Ion:114 Resp: 306603
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.0
88 15.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.432 ug/l
RT: 5.355 min Scan# 700
Delta R.T. -0.018 min
Lab File: VX048867.D
Acq: 15 Dec 2025 09:42

Tgt Ion:113 Resp: 102244
Ion Ratio Lower Upper
113 100
111 102.0 79.5 119.3
192 18.9 16.1 24.1

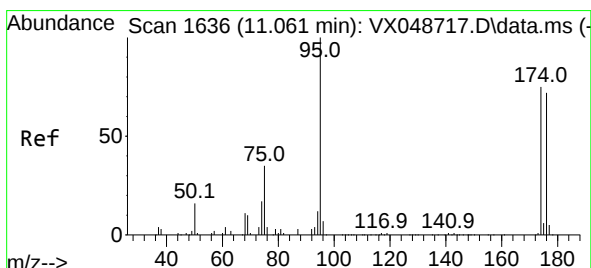
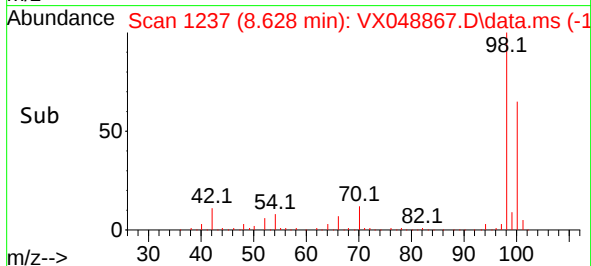
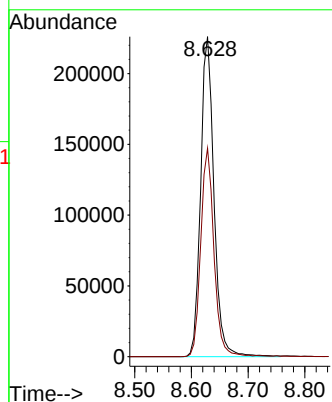
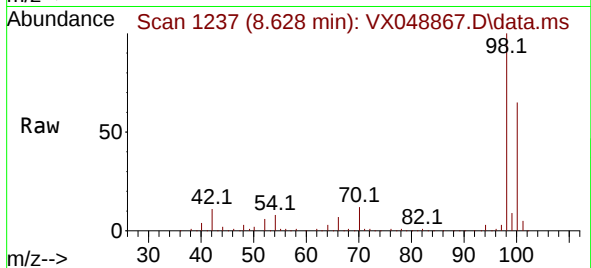




#50
Toluene-d8
Concen: 49.824 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048867.D
Acq: 15 Dec 2025 09:42

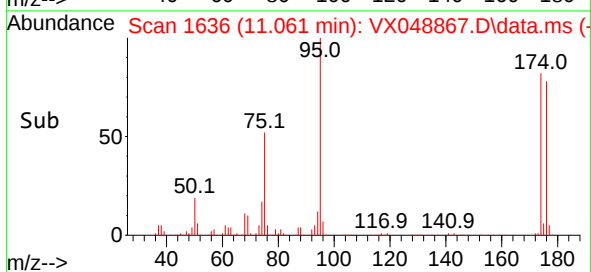
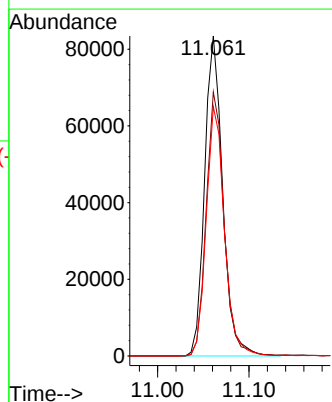
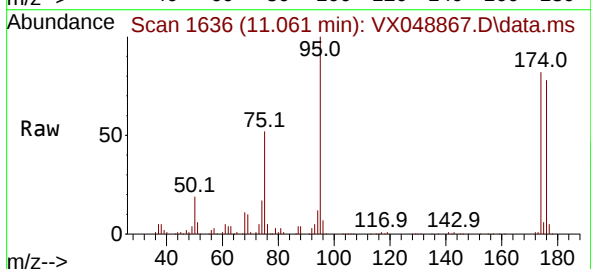
Instrument :
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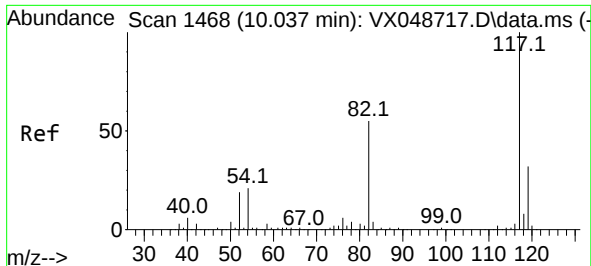
Tgt Ion: 98 Resp: 368698
Ion Ratio Lower Upper
98 100
100 64.7 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 44.801 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048867.D
Acq: 15 Dec 2025 09:42

Tgt Ion: 95 Resp: 114320
Ion Ratio Lower Upper
95 100
174 82.2 0.0 157.8
176 78.6 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: VX048867.D

Acq: 15 Dec 2025 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1215MBL01

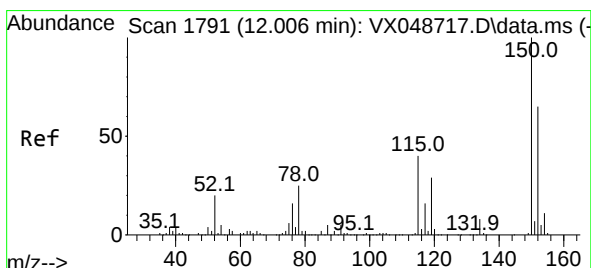
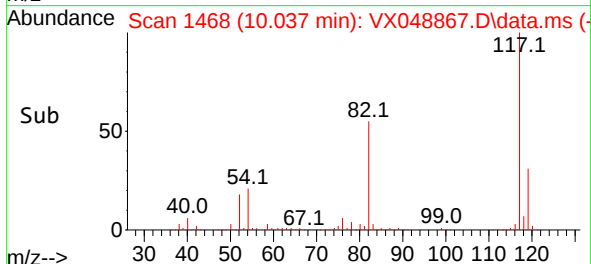
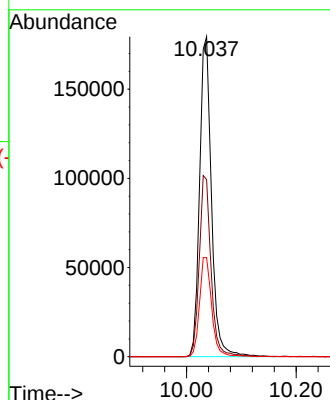
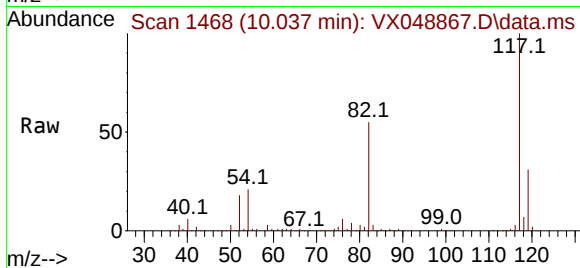
Tgt Ion:117 Resp: 270613

Ion Ratio Lower Upper

117 100

82 55.4 44.1 66.1

119 31.0 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.000 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VX048867.D

Acq: 15 Dec 2025 09:42

Tgt Ion:152 Resp: 122517

Ion Ratio Lower Upper

152 100

115 59.6 42.1 126.4

150 157.4 0.0 347.8

