

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
 Data File : VX047865.D
 Acq On : 26 Sep 2025 17:34
 Operator : JC/MD
 Sample : Q3156-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D1-20250919

Quant Time: Sep 26 23:19:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	119466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	255411	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	266668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	135401	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	103471	54.413	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.820%
35) Dibromofluoromethane	5.379	113	84965	49.602	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.200%
50) Toluene-d8	8.635	98	288704	48.709	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.420%
62) 4-Bromofluorobenzene	11.061	95	126580	56.272	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.540%

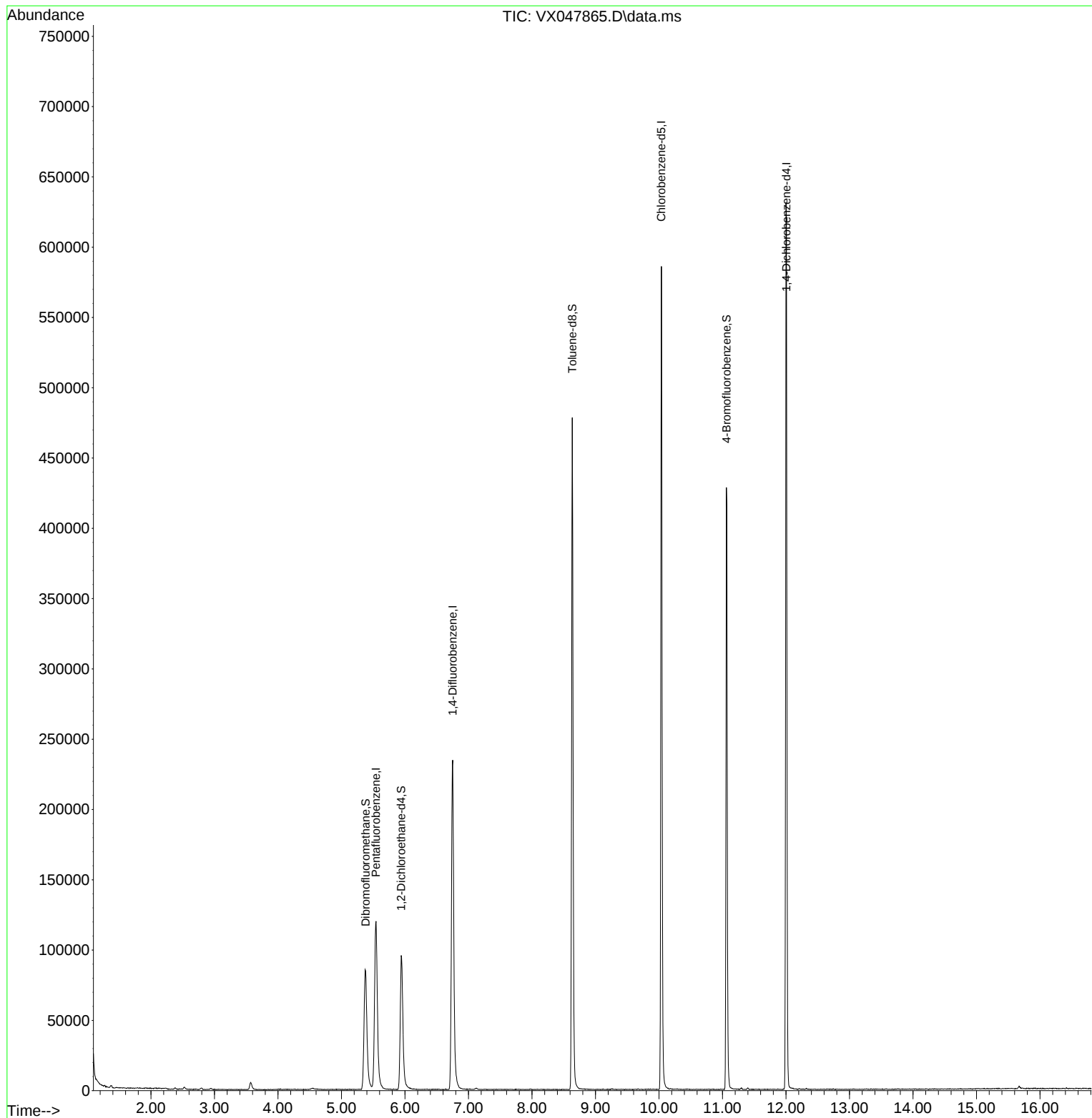
Target Compounds	Qvalue

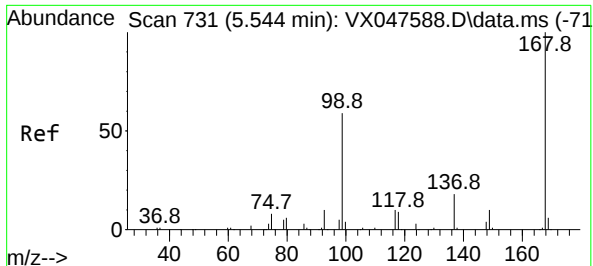
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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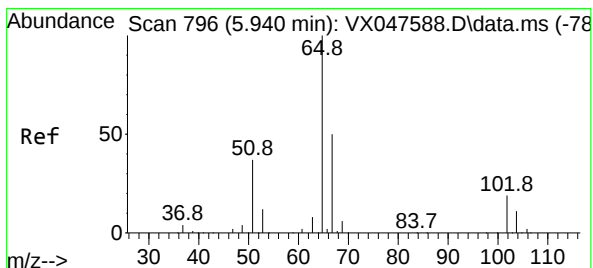
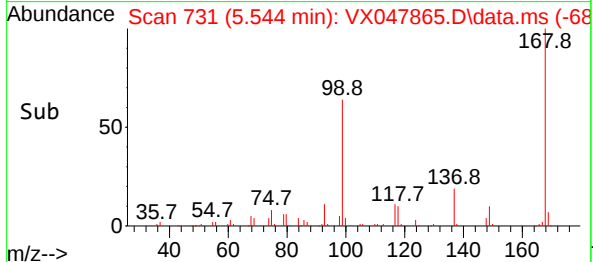
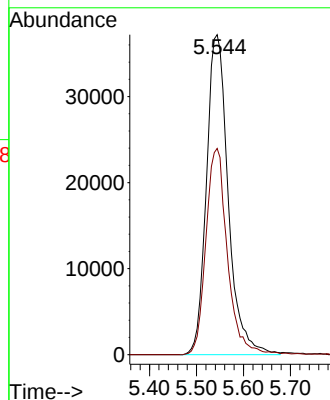
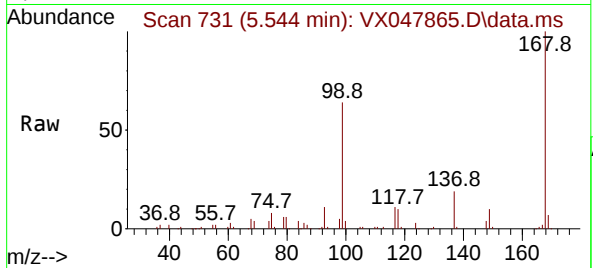




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047865.D
Acq: 26 Sep 2025 17:34

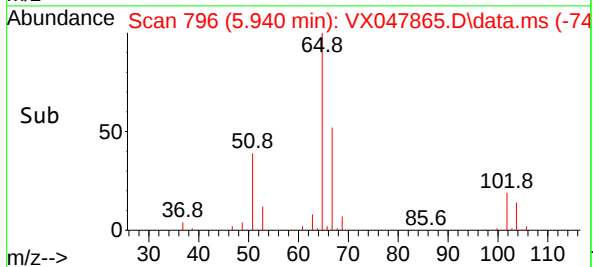
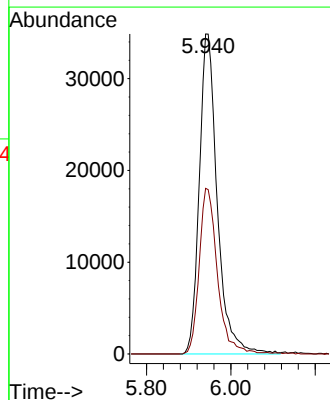
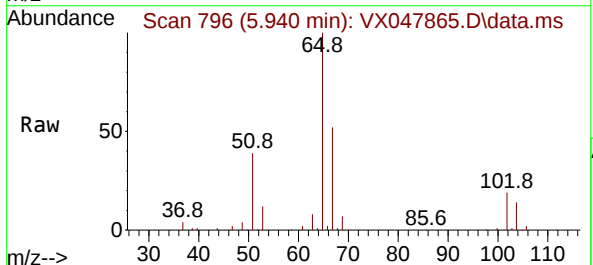
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20250919

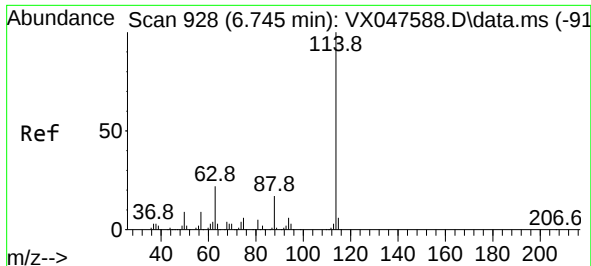
Tgt Ion:168 Resp: 119466
Ion Ratio Lower Upper
168 100
99 64.4 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.413 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX047865.D
Acq: 26 Sep 2025 17:34

Tgt Ion: 65 Resp: 103471
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0

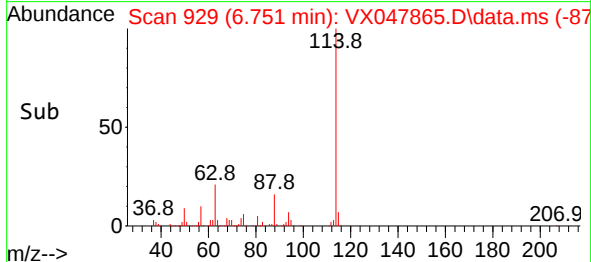
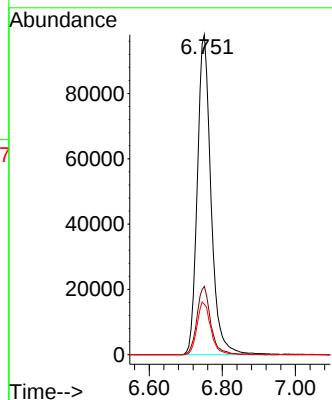
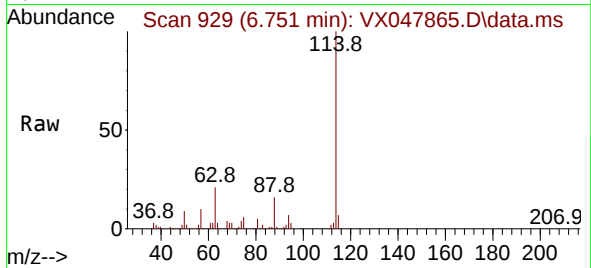




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047865.D
Acq: 26 Sep 2025 17:34

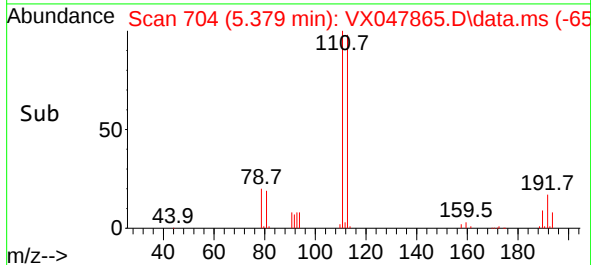
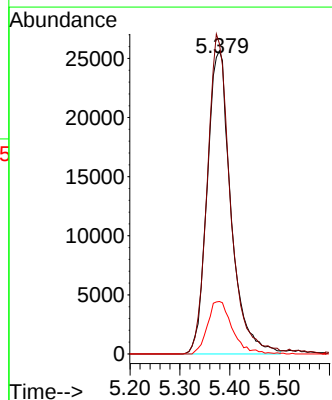
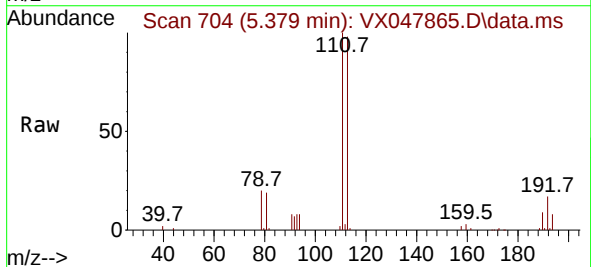
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20250919

Tgt Ion:114 Resp: 255411
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.0
88 15.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.602 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047865.D
Acq: 26 Sep 2025 17:34

Tgt Ion:113 Resp: 84965
Ion Ratio Lower Upper
113 100
111 102.0 80.9 121.3
192 18.0 14.2 21.4

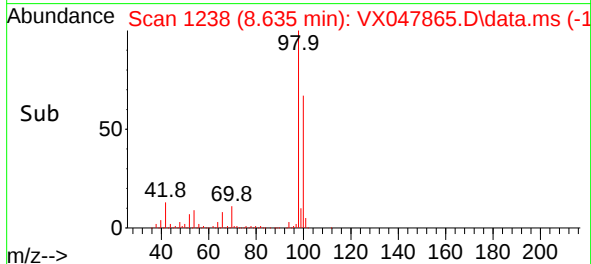
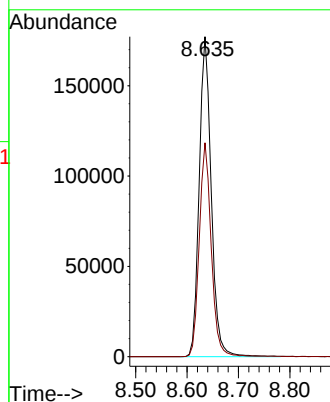
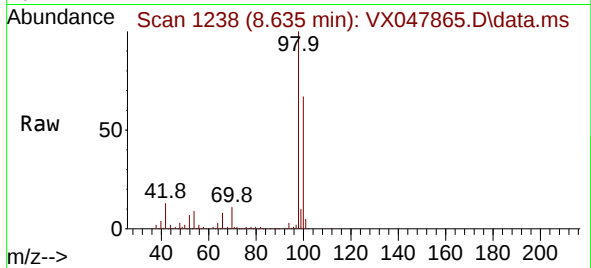




#50
Toluene-d8
Concen: 48.709 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047865.D
Acq: 26 Sep 2025 17:34

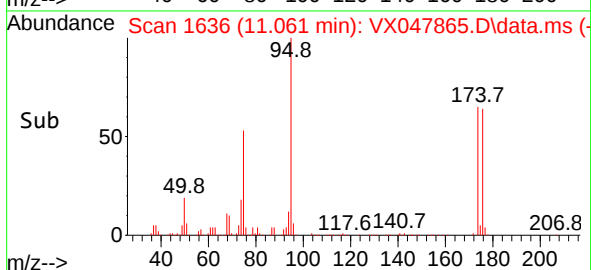
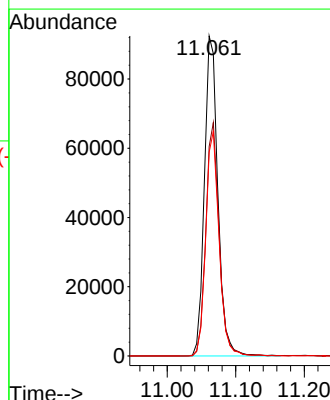
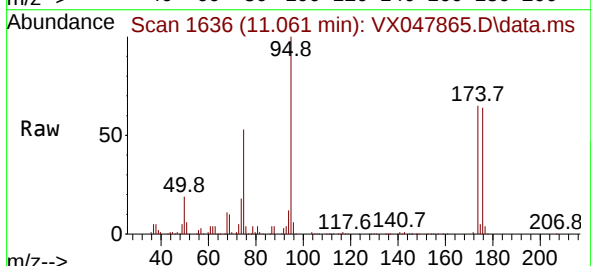
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20250919

Tgt Ion: 98 Resp: 288704
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.272 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047865.D
Acq: 26 Sep 2025 17:34

Tgt Ion: 95 Resp: 126580
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.6
176 69.5 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX047865.D

Acq: 26 Sep 2025 17:34

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D1-20250919

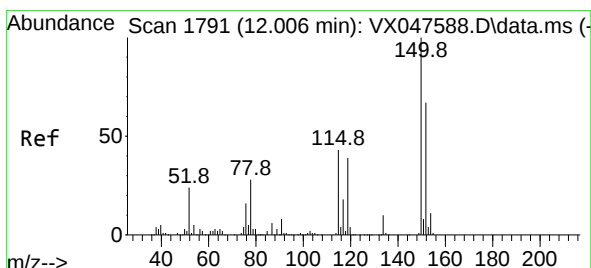
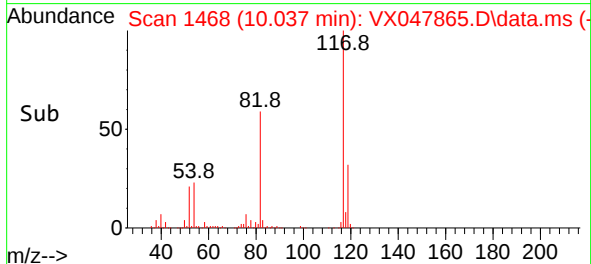
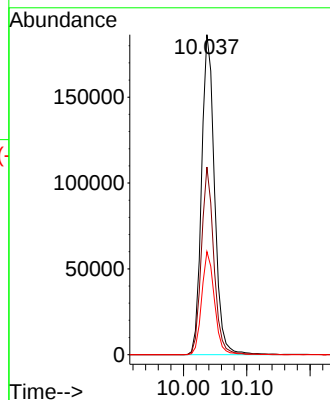
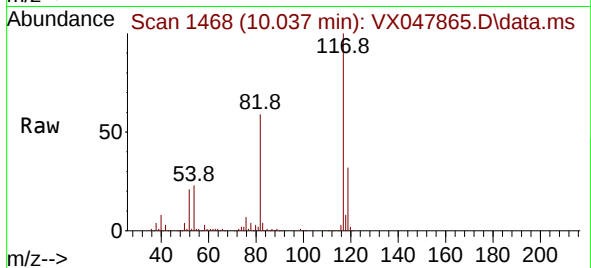
Tgt Ion:117 Resp: 266668

Ion Ratio Lower Upper

117 100

82 58.6 47.8 71.6

119 32.2 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: VX047865.D

Acq: 26 Sep 2025 17:34

Tgt Ion:152 Resp: 135401

Ion Ratio Lower Upper

152 100

115 61.8 44.9 134.5

150 158.0 0.0 352.0

