

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
 Data File : VX047863.D
 Acq On : 26 Sep 2025 16:52
 Operator : JC/MD
 Sample : Q3156-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-20250912

Quant Time: Sep 26 23:18:18 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	5.543	168	128790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	277769	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	284782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143115	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117162	57.152	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.300%
35) Dibromofluoromethane	5.373	113	93493	50.188	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.380%
50) Toluene-d8	8.634	98	314602	48.806	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.067	95	134469	54.967	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.940%

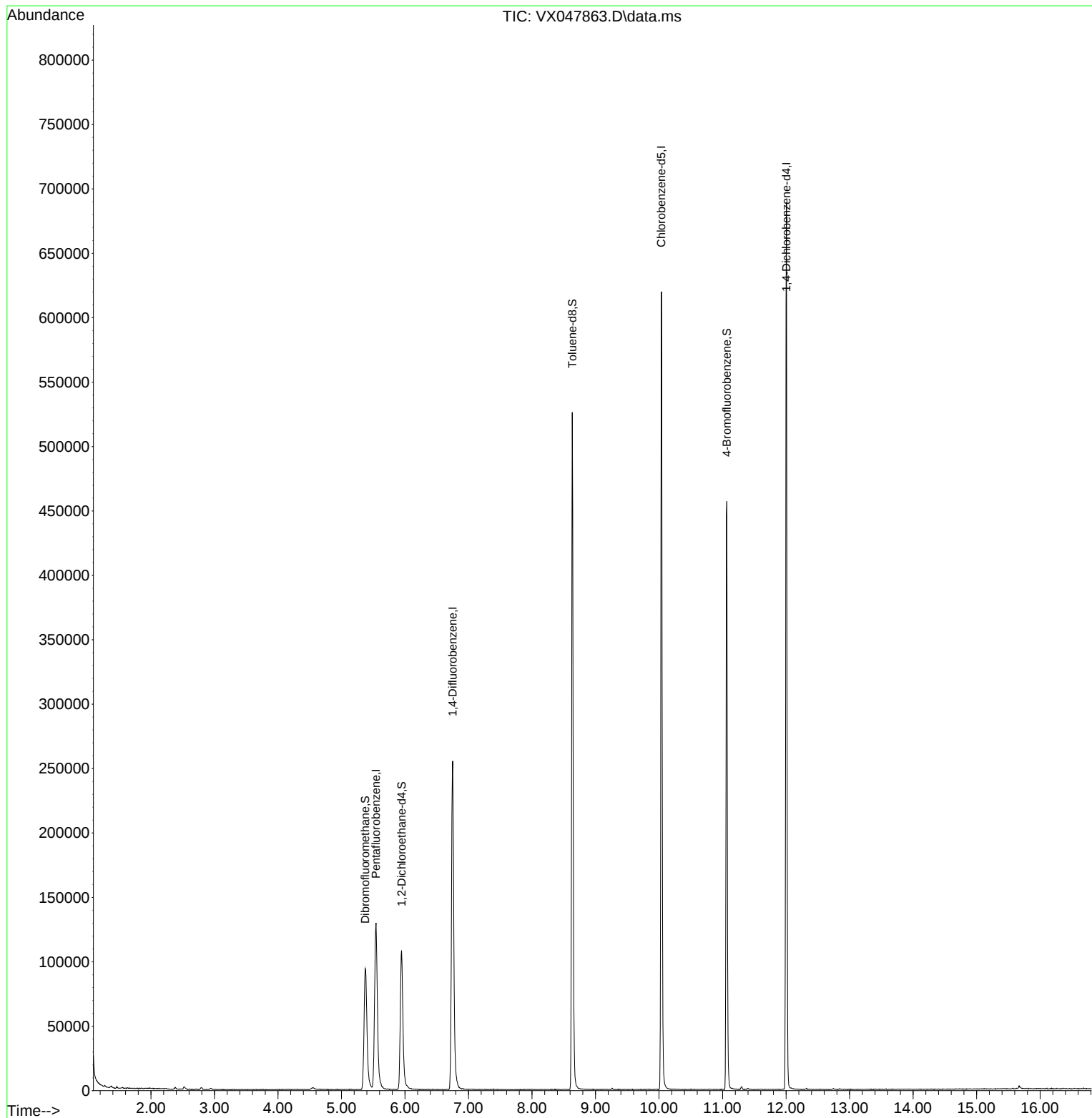
Target Compounds	Qvalue

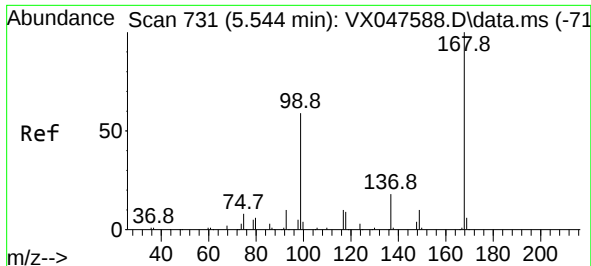
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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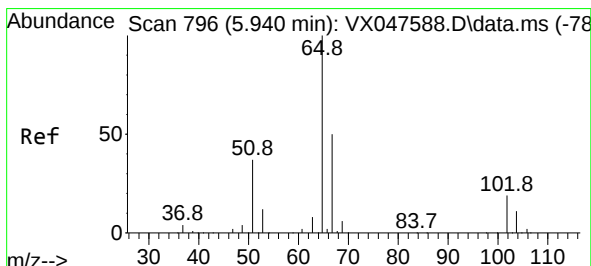
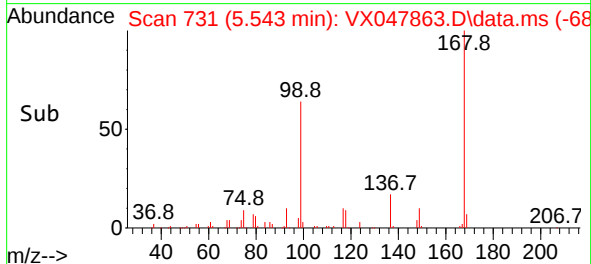
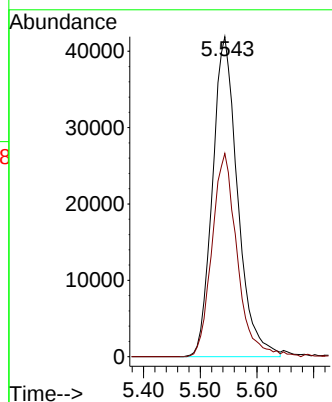
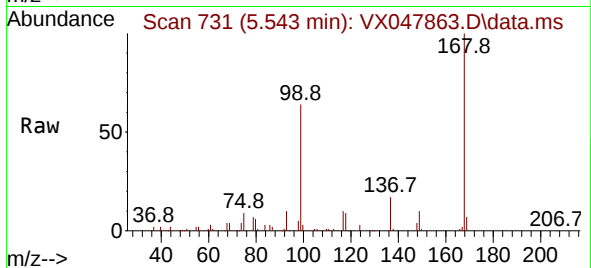




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047863.D
Acq: 26 Sep 2025 16:52

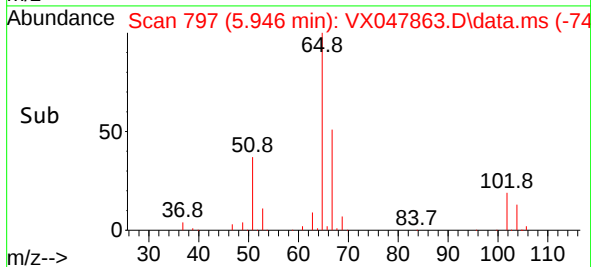
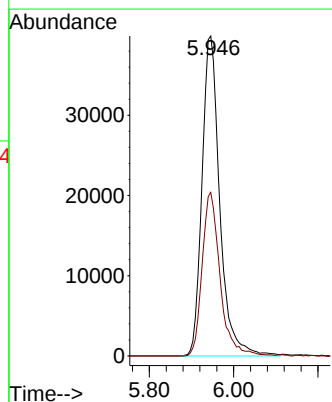
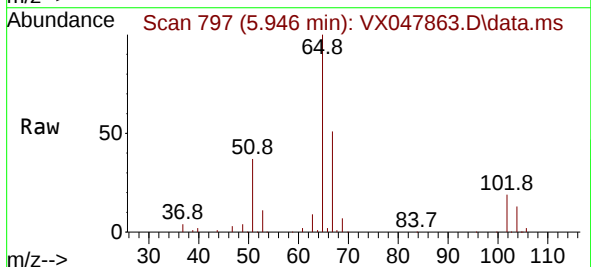
Instrument :
MSVOA_X
ClientSampleId :
TB03-20250912

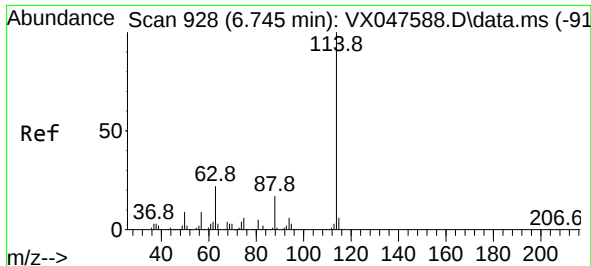
Tgt Ion:168 Resp: 128790
Ion Ratio Lower Upper
168 100
99 63.5 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 57.152 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047863.D
Acq: 26 Sep 2025 16:52

Tgt Ion: 65 Resp: 117162
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0

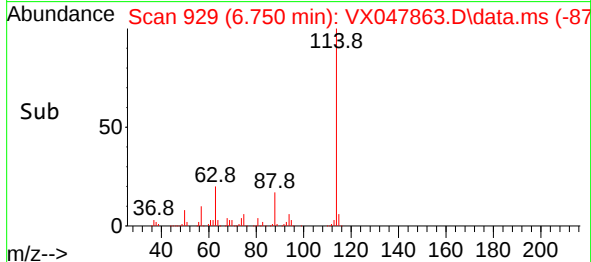
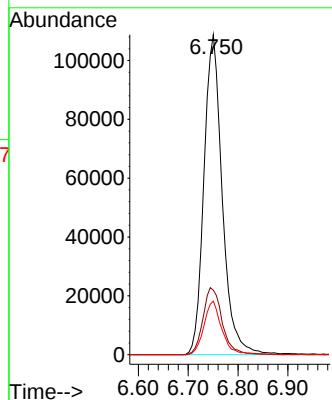
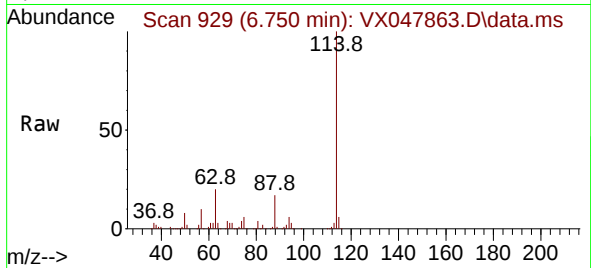




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047863.D
Acq: 26 Sep 2025 16:52

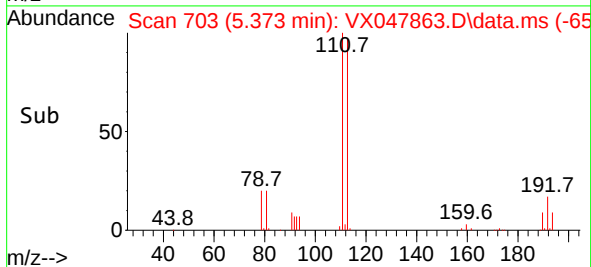
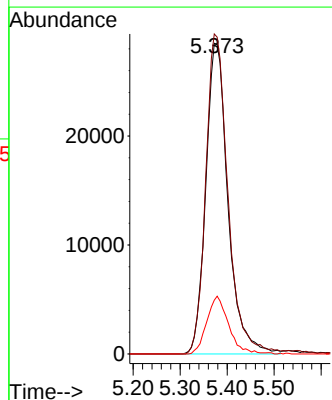
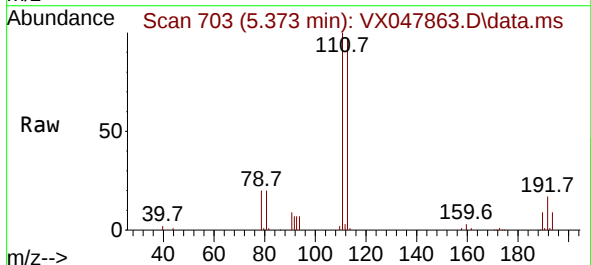
Instrument :
MSVOA_X
ClientSampleId :
TB03-20250912

Tgt Ion:114 Resp: 277769
Ion Ratio Lower Upper
114 100
63 20.1 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.188 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047863.D
Acq: 26 Sep 2025 16:52

Tgt Ion:113 Resp: 93493
Ion Ratio Lower Upper
113 100
111 103.3 80.9 121.3
192 18.2 14.2 21.4

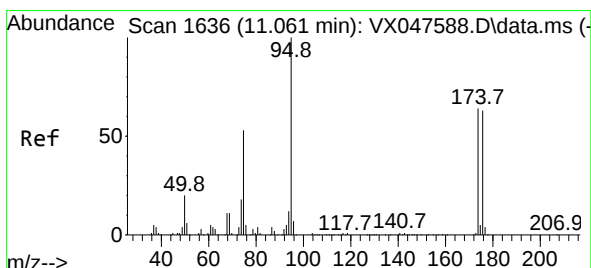
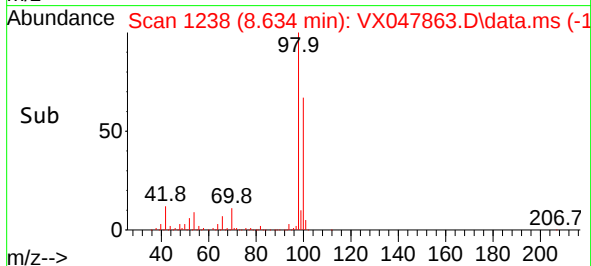
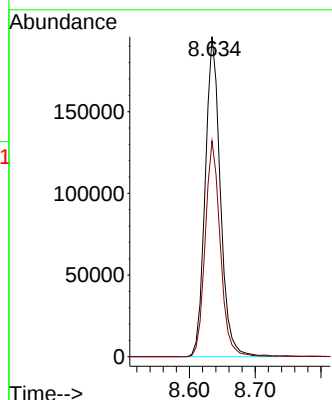
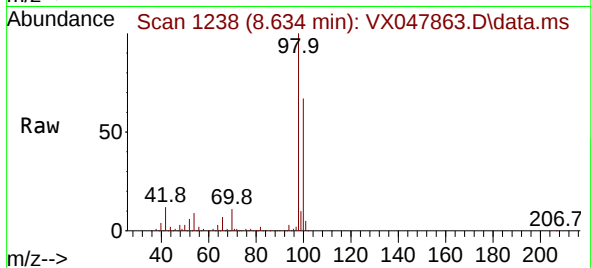




#50
Toluene-d8
Concen: 48.806 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047863.D
Acq: 26 Sep 2025 16:52

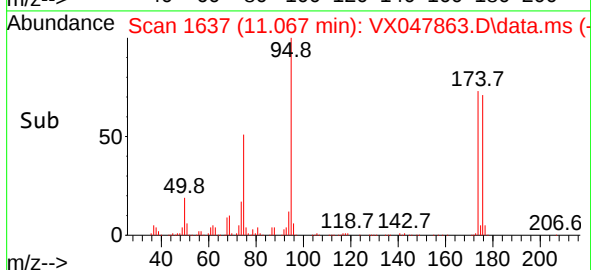
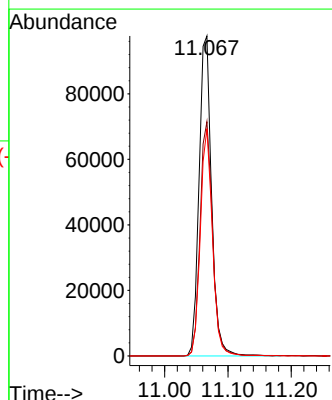
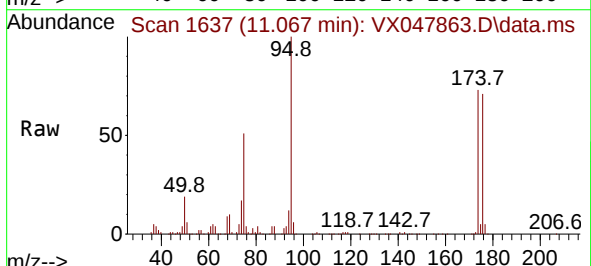
Instrument :
MSVOA_X
ClientSampleId :
TB03-20250912

Tgt Ion: 98 Resp: 314602
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.967 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047863.D
Acq: 26 Sep 2025 16:52

Tgt Ion: 95 Resp: 134469
Ion Ratio Lower Upper
95 100
174 73.5 0.0 141.6
176 69.1 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.036 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX047863.D

Acq: 26 Sep 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

TB03-20250912

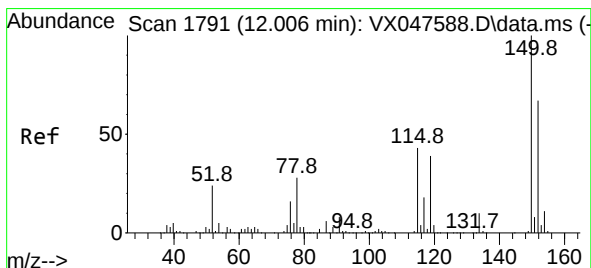
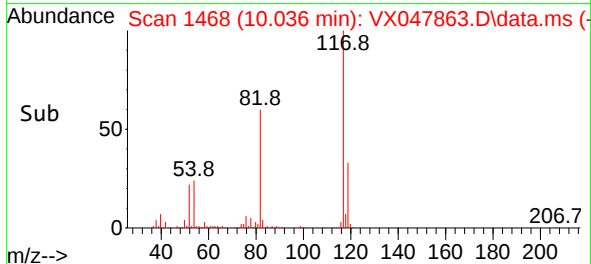
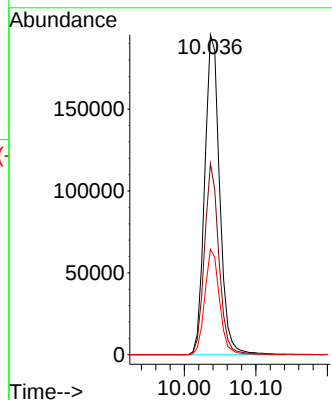
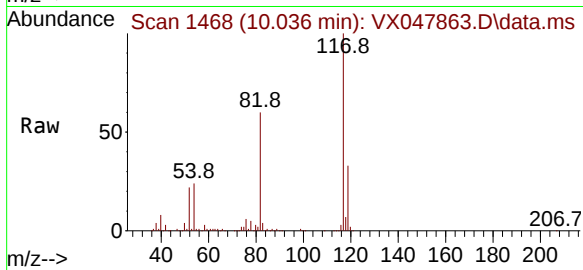
Tgt Ion:117 Resp: 284782

Ion Ratio Lower Upper

117 100

82 59.8 47.8 71.6

119 32.9 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: VX047863.D

Acq: 26 Sep 2025 16:52

Tgt Ion:152 Resp: 143115

Ion Ratio Lower Upper

152 100

115 62.0 44.9 134.5

150 157.3 0.0 352.0

