

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
 Data File : VX048829.D
 Acq On : 11 Dec 2025 16:19
 Operator : JC/MD
 Sample : Q3835-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-121025

Quant Time: Dec 11 23:52:40 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	5.538	168	218560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	357885	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	316450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	135977	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	150421	51.277	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.560%
35) Dibromofluoromethane	5.373	113	120084	48.732	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.460%
50) Toluene-d8	8.635	98	434690	50.325	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.640%
62) 4-Bromofluorobenzene	11.061	95	137058	46.015	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.020%

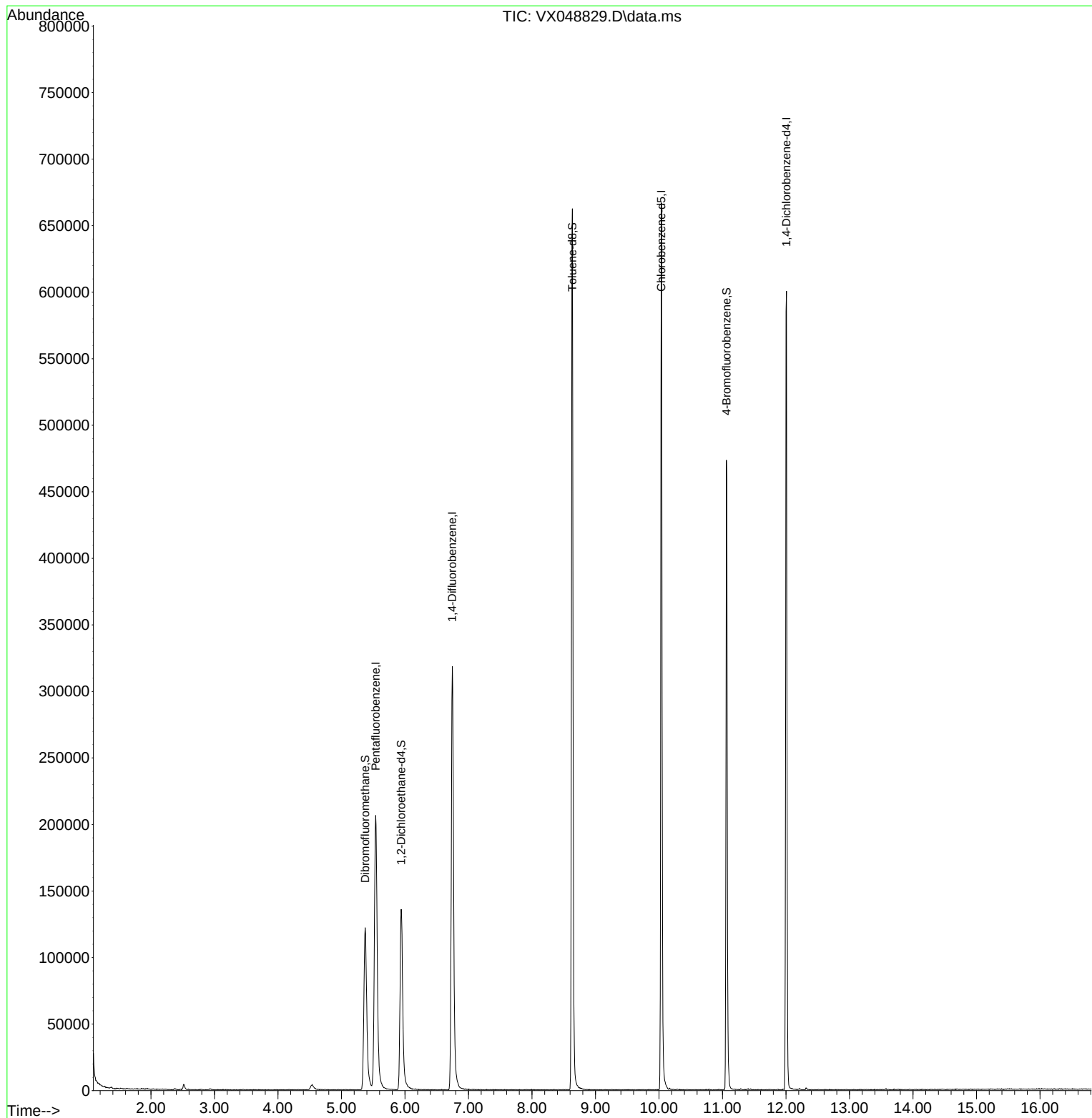
Target Compounds	Qvalue

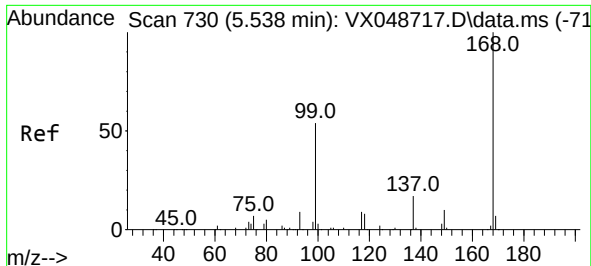
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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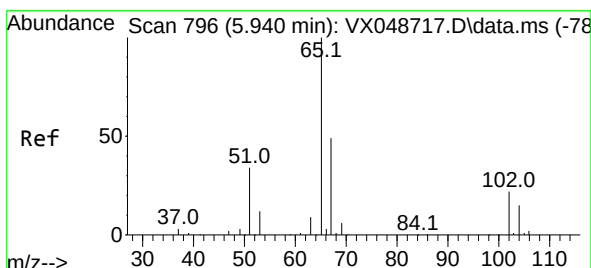
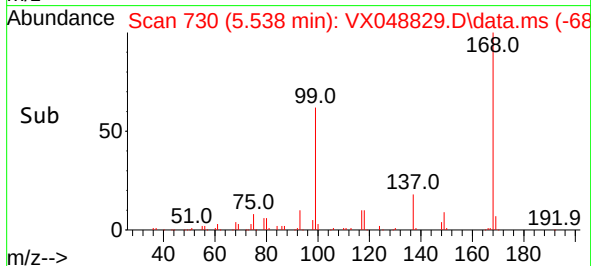
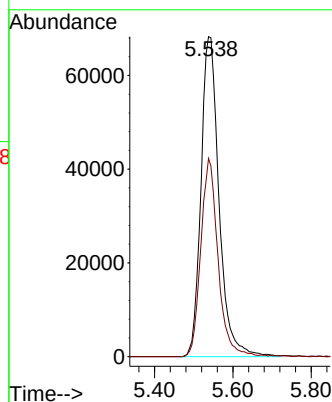
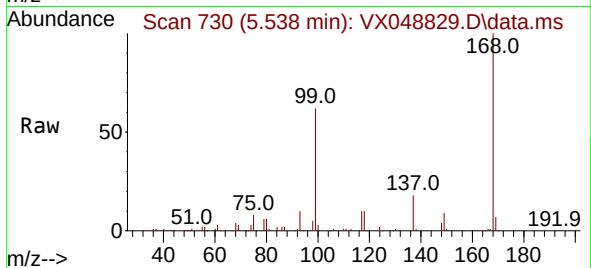




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048829.D
Acq: 11 Dec 2025 16:19

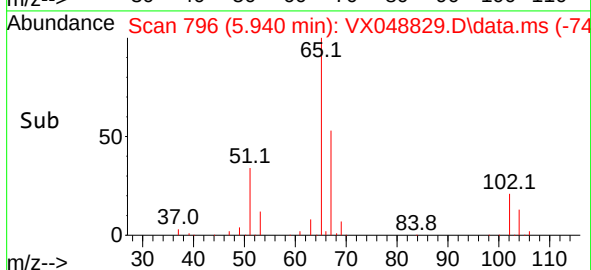
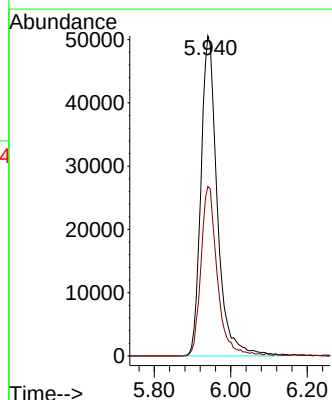
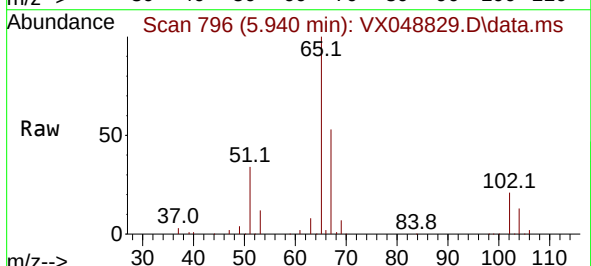
Instrument :
MSVOA_X
ClientSampleId :
TB01-121025

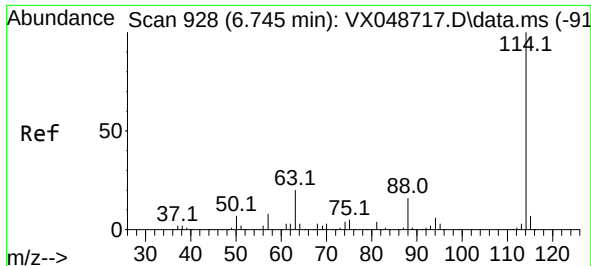
Tgt Ion:168 Resp: 218560
Ion Ratio Lower Upper
168 100
99 62.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 51.277 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048829.D
Acq: 11 Dec 2025 16:19

Tgt Ion: 65 Resp: 150421
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4

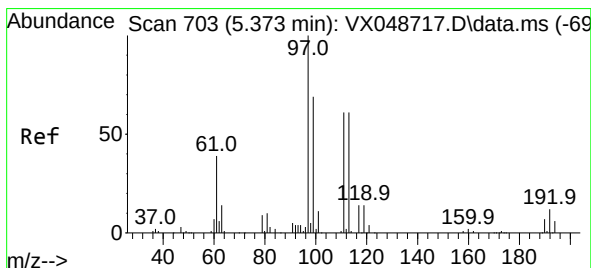
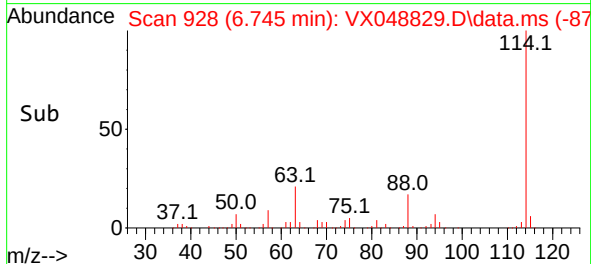
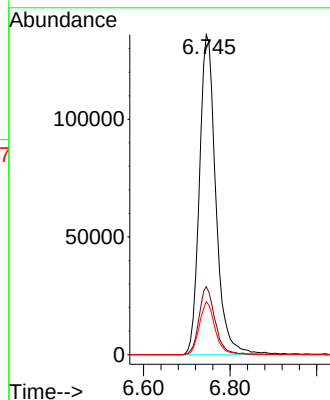
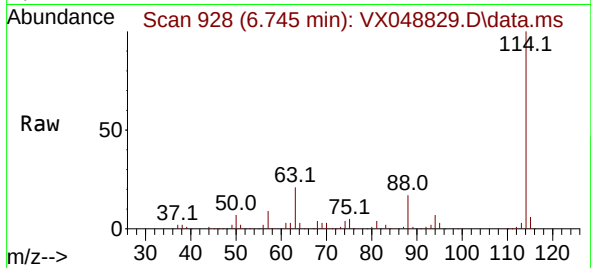




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048829.D
Acq: 11 Dec 2025 16:19

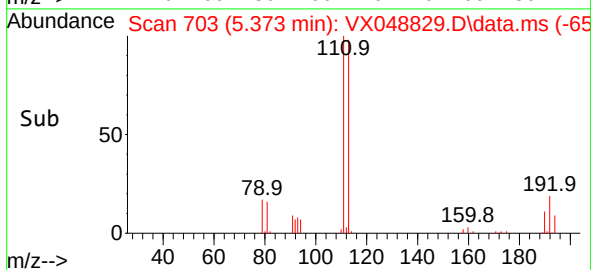
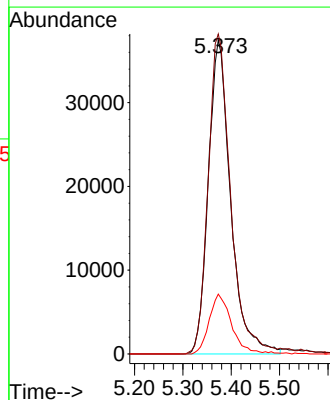
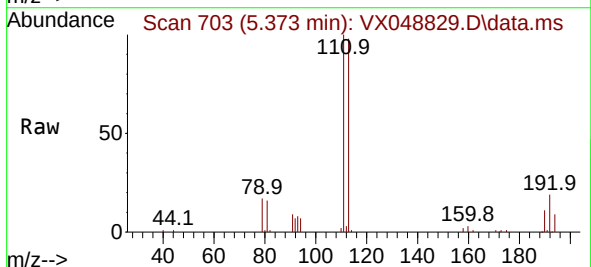
Instrument :
MSVOA_X
ClientSampleId :
TB01-121025

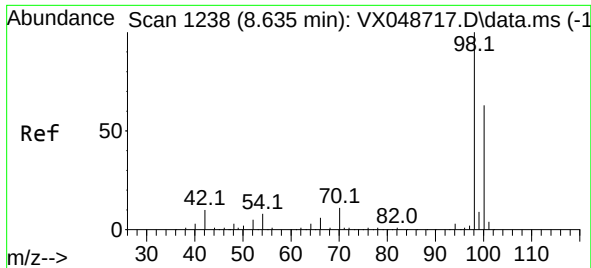
Tgt Ion:114 Resp: 357885
Ion Ratio Lower Upper
114 100
63 21.2 0.0 39.0
88 16.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.732 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048829.D
Acq: 11 Dec 2025 16:19

Tgt Ion:113 Resp: 120084
Ion Ratio Lower Upper
113 100
111 102.3 79.5 119.3
192 18.9 16.1 24.1

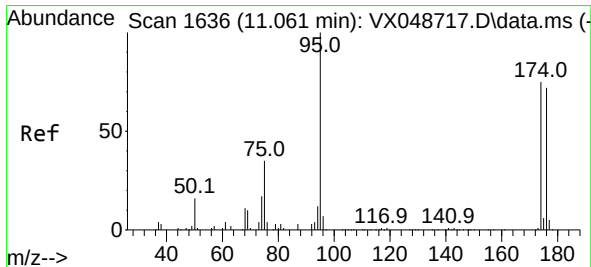
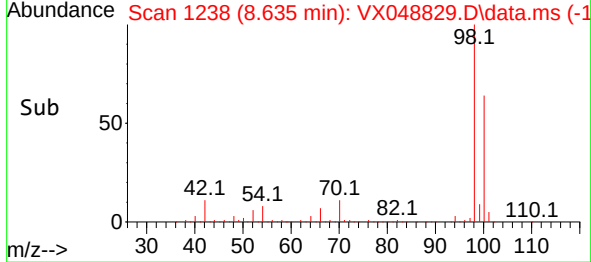
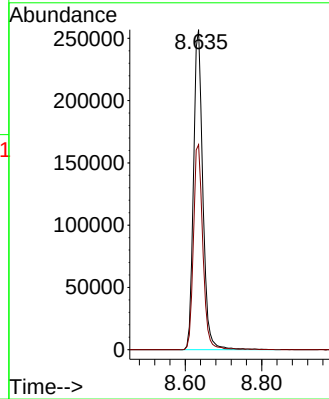
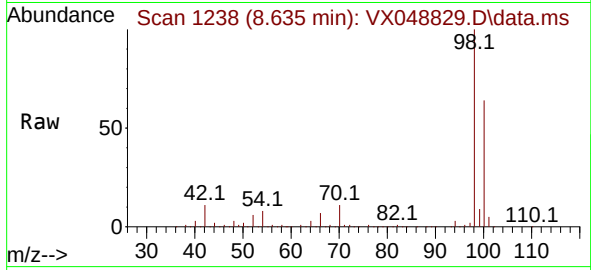




#50
Toluene-d8
Concen: 50.325 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048829.D
Acq: 11 Dec 2025 16:19

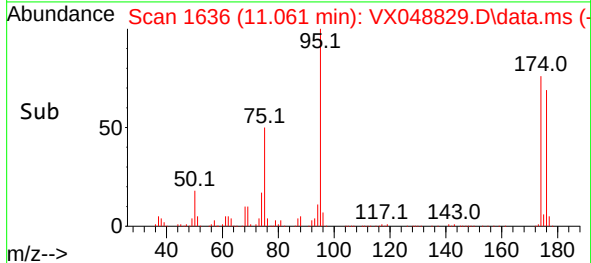
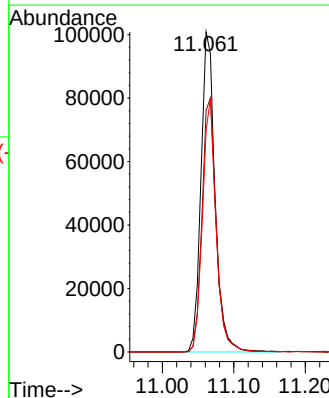
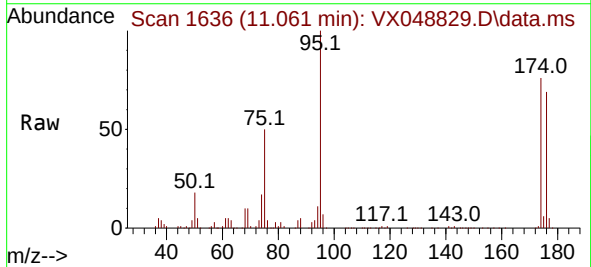
Instrument :
MSVOA_X
ClientSampleId :
TB01-121025

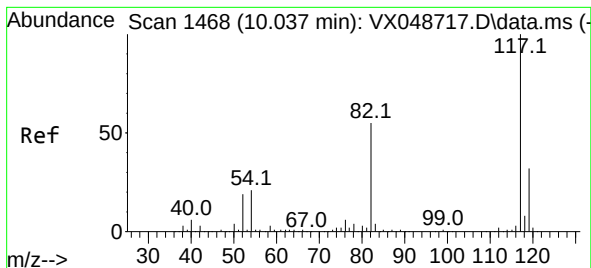
Tgt Ion: 98 Resp: 434690
Ion Ratio Lower Upper
98 100
100 64.4 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 46.015 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048829.D
Acq: 11 Dec 2025 16:19

Tgt Ion: 95 Resp: 137058
Ion Ratio Lower Upper
95 100
174 81.6 0.0 157.8
176 77.1 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: VX048829.D

Acq: 11 Dec 2025 16:19

Instrument :

MSVOA_X

ClientSampleId :

TB01-121025

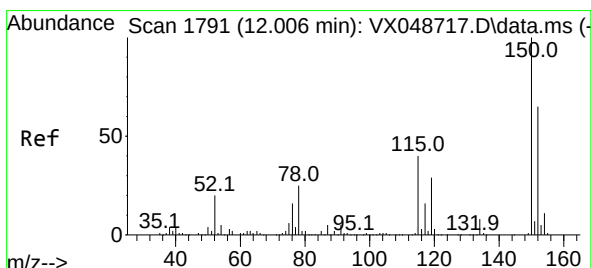
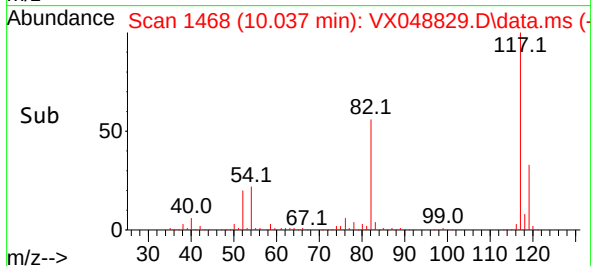
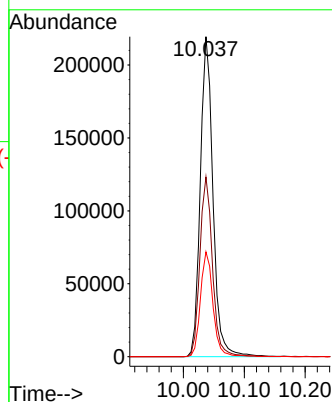
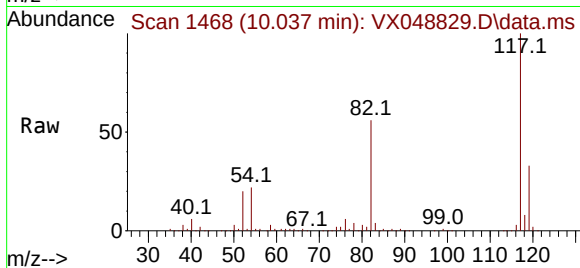
Tgt Ion:117 Resp: 316450

Ion Ratio Lower Upper

117 100

82 56.2 44.1 66.1

119 32.7 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: VX048829.D

Acq: 11 Dec 2025 16:19

Tgt Ion:152 Resp: 135977

Ion Ratio Lower Upper

152 100

115 59.7 42.1 126.4

150 158.7 0.0 347.8

