

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046788.D
 Acq On : 20 Jun 2025 17:19
 Operator : JC/MD
 Sample : Q2258-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 21 00:10:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	114413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	197462	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	76932	48.613	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.220%
35) Dibromofluoromethane	5.397	113	64381	49.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.560%
50) Toluene-d8	8.653	98	237481	50.594	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.180%
62) 4-Bromofluorobenzene	11.079	95	87900	50.237	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.480%

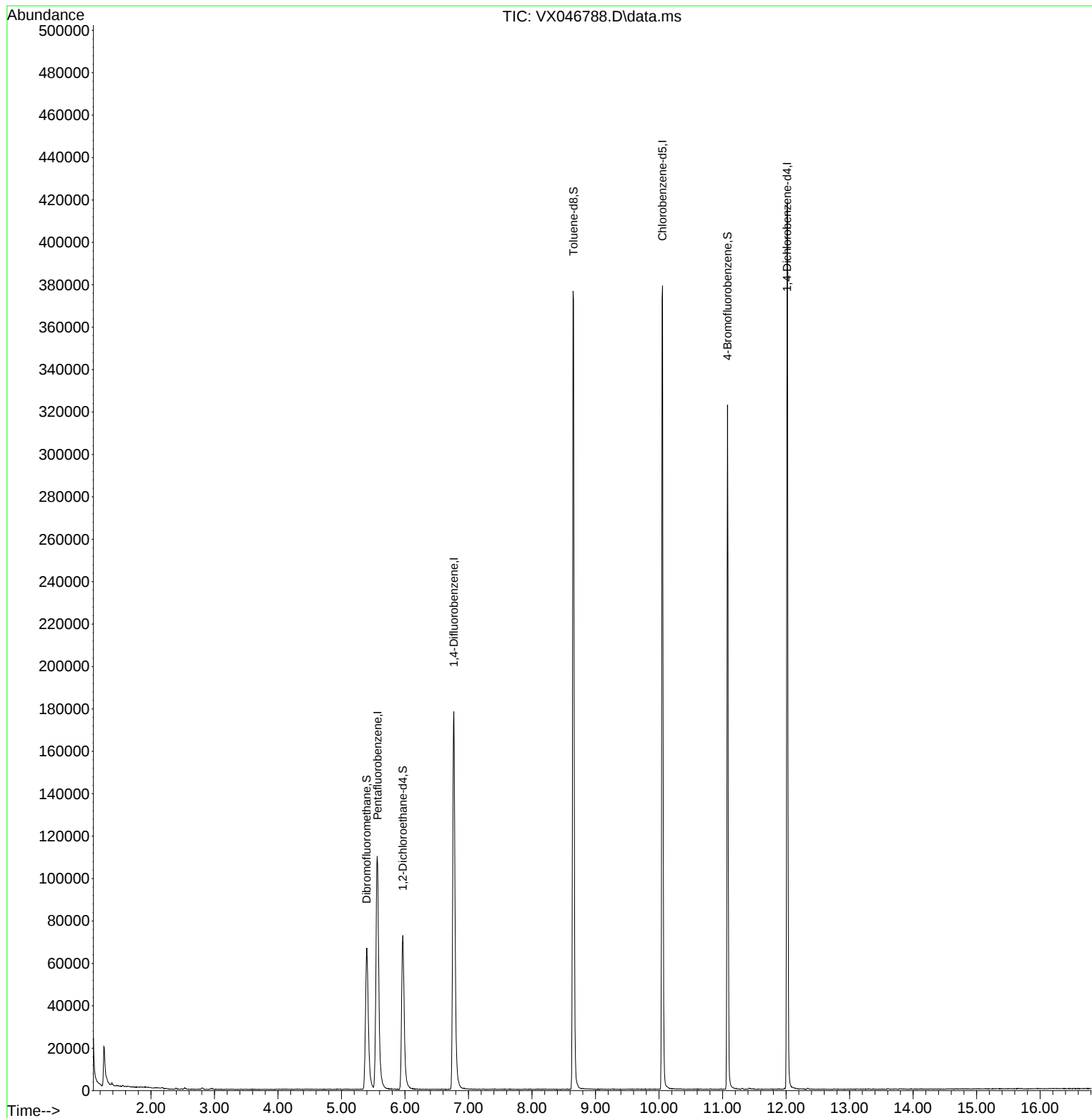
Target Compounds	Qvalue

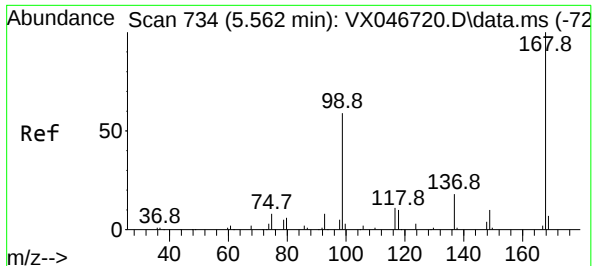
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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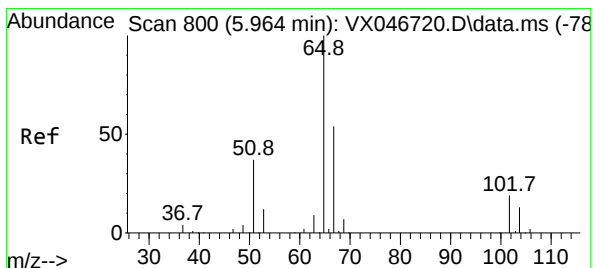
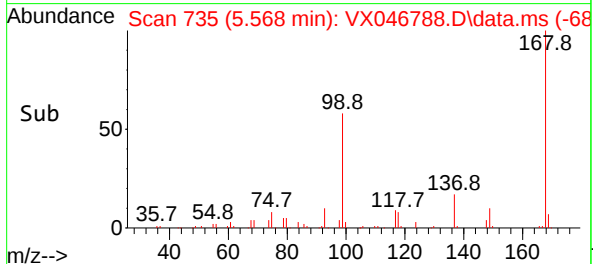
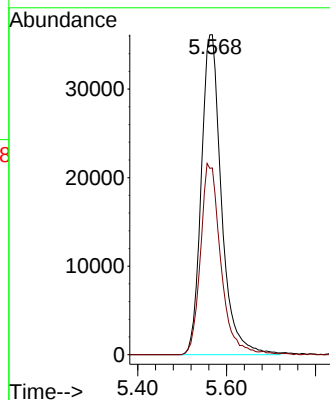
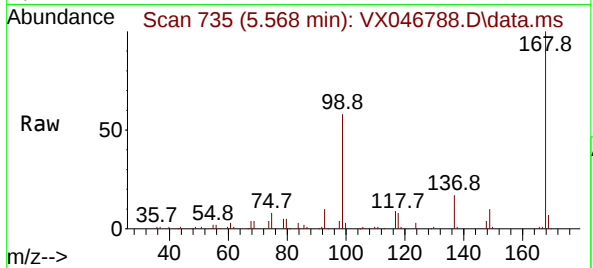




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

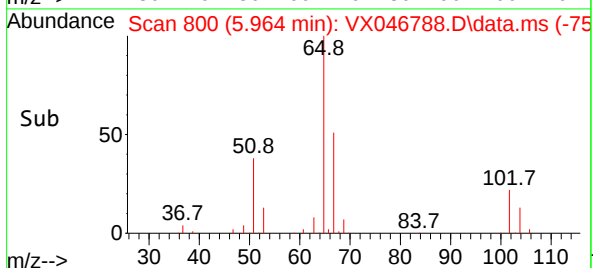
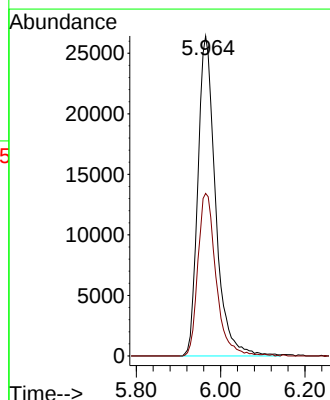
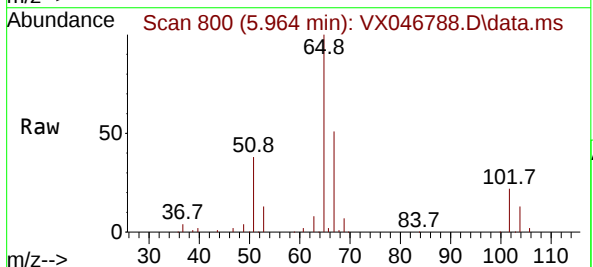
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 114413
Ion Ratio Lower Upper
168 100
99 58.4 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 48.613 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

Tgt Ion: 65 Resp: 76932
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

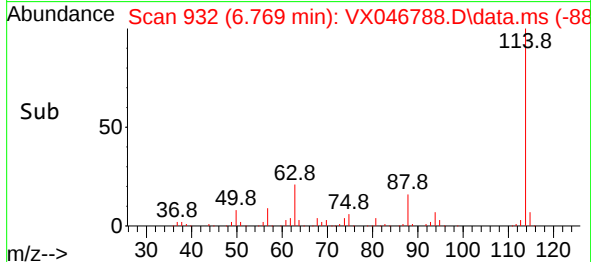
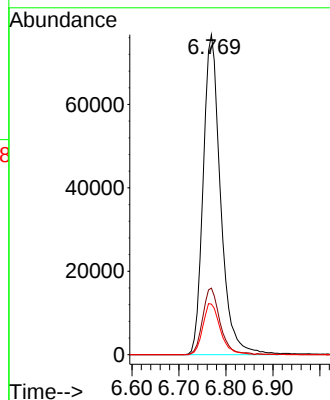
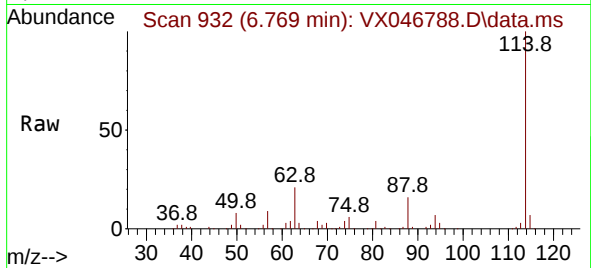




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

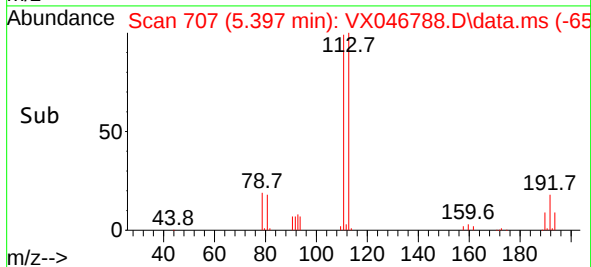
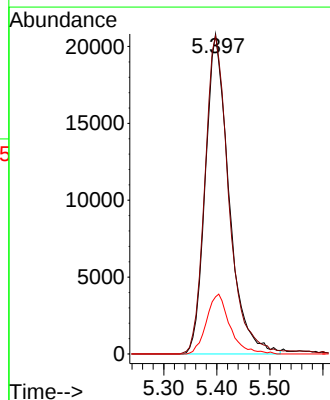
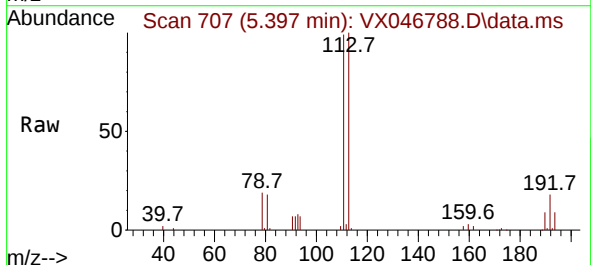
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

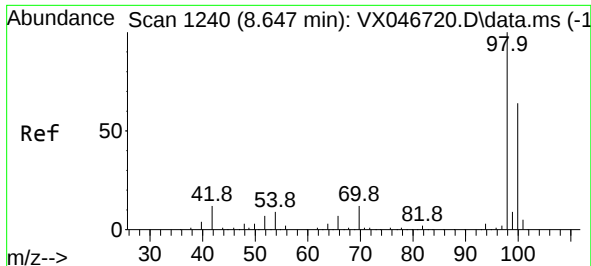
Tgt Ion:114 Resp: 197462
Ion Ratio Lower Upper
114 100
63 23.6 0.0 44.2
88 15.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.279 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

Tgt Ion:113 Resp: 64381
Ion Ratio Lower Upper
113 100
111 101.6 82.0 123.0
192 18.6 15.3 22.9

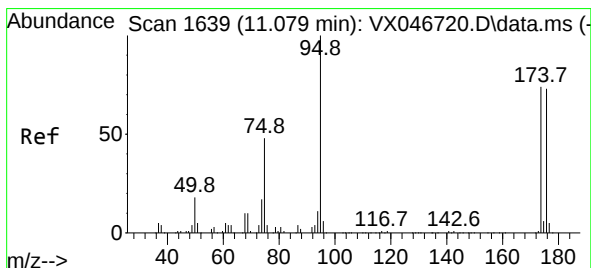
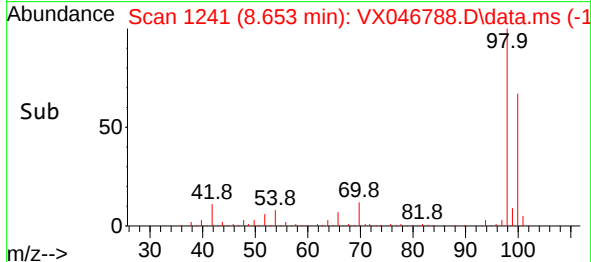
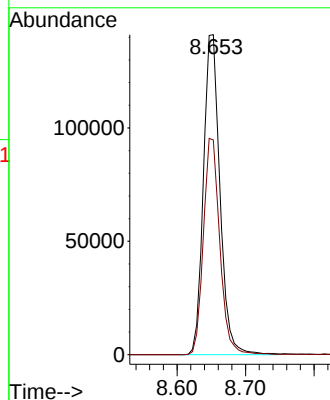
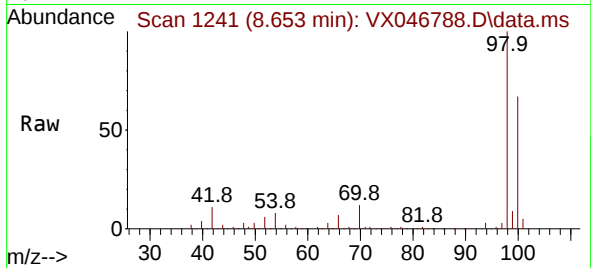




#50
Toluene-d8
Concen: 50.594 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

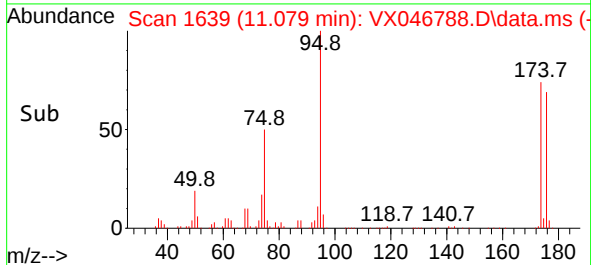
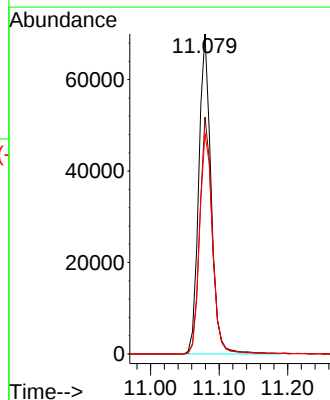
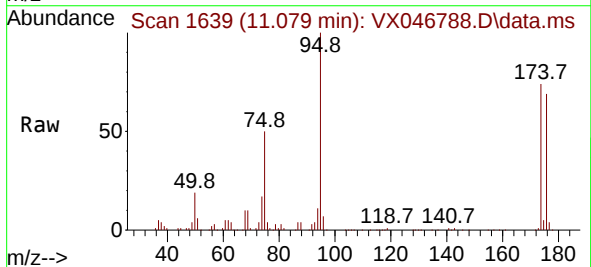
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

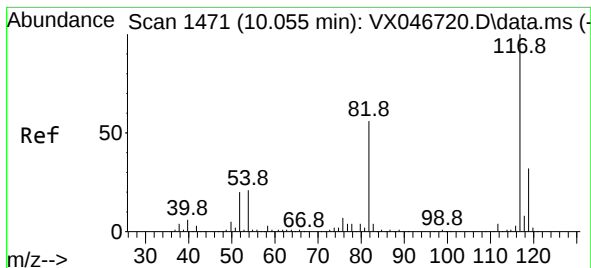
Tgt Ion: 98 Resp: 237481
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.237 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046788.D
Acq: 20 Jun 2025 17:19

Tgt Ion: 95 Resp: 87900
Ion Ratio Lower Upper
95 100
174 74.9 0.0 150.4
176 72.2 0.0 145.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX046788.D

Acq: 20 Jun 2025 17:19

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

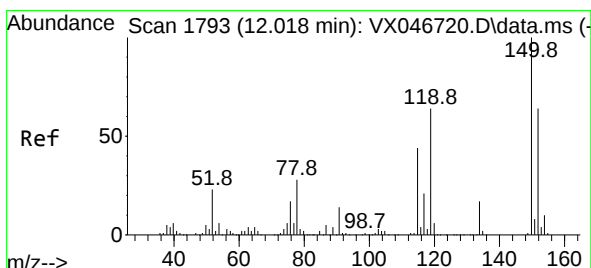
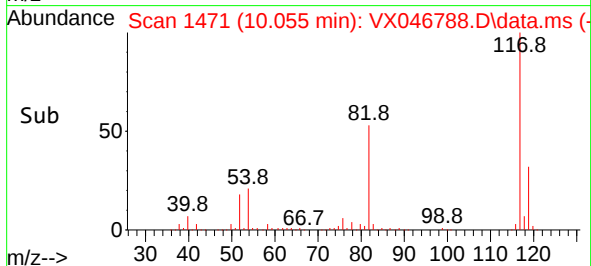
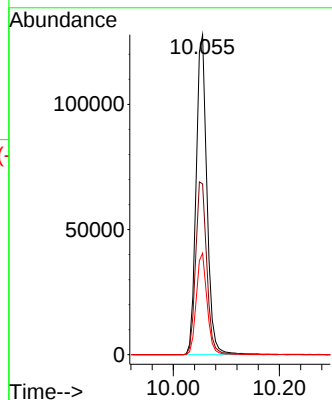
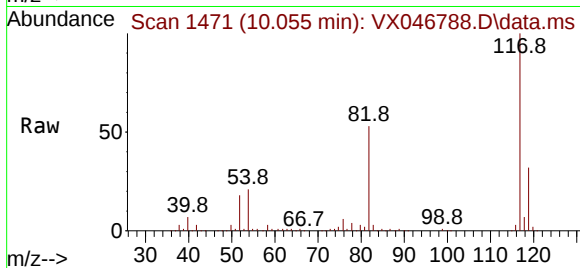
Tgt Ion:117 Resp: 180975

Ion Ratio Lower Upper

117 100

82 53.3 44.6 66.8

119 31.7 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046788.D

Acq: 20 Jun 2025 17:19

Tgt Ion:152 Resp: 86560

Ion Ratio Lower Upper

152 100

115 60.5 43.2 129.6

150 158.0 0.0 346.8

