

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046730.D
 Acq On : 18 Jun 2025 10:45
 Operator : JC/MD
 Sample : VX0618WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBL01

Quant Time: Jun 19 01:19:47 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	5.562	168	167417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	270618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	121135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105292	45.469	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.940%
35) Dibromofluoromethane	5.397	113	87372	48.798	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	8.647	98	317817	49.405	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.820%
62) 4-Bromofluorobenzene	11.079	95	121434	50.641	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.280%

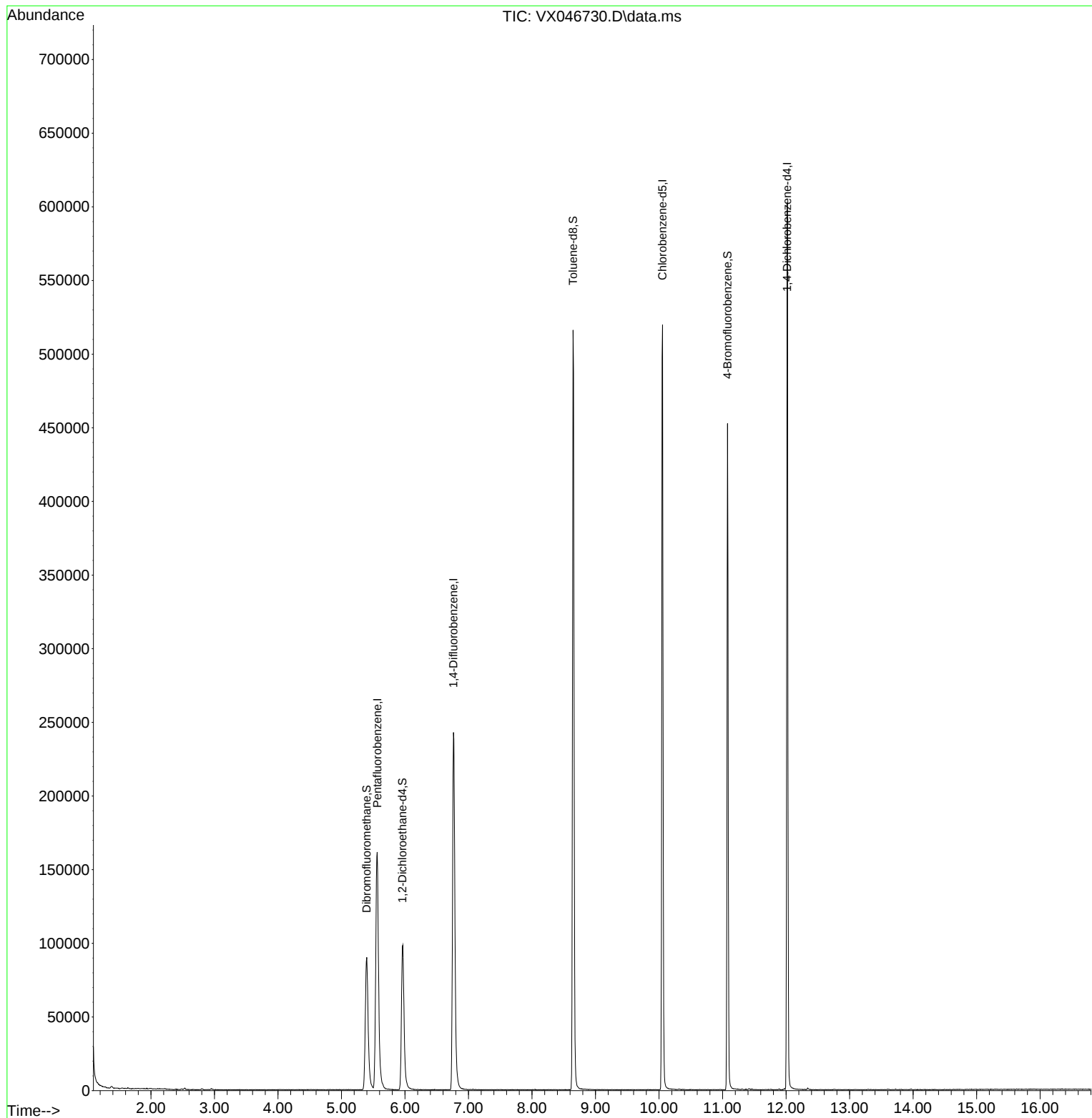
Target Compounds	Qvalue

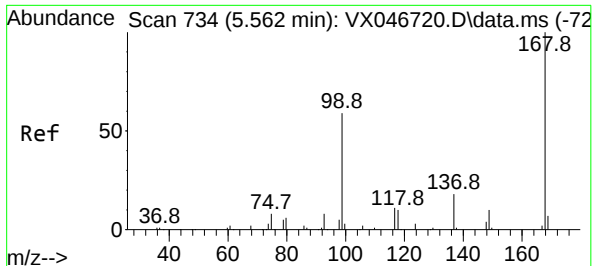
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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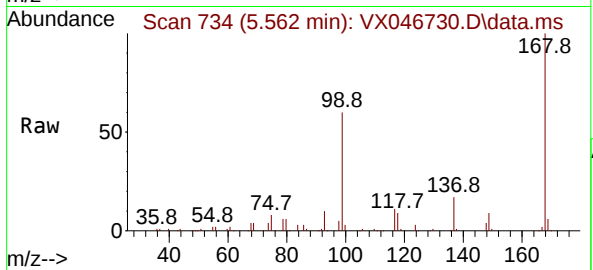
Quant Time: Jun 19 01:19:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
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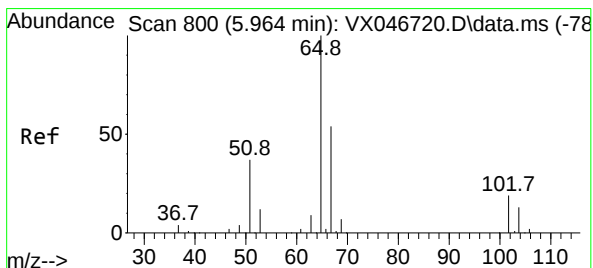
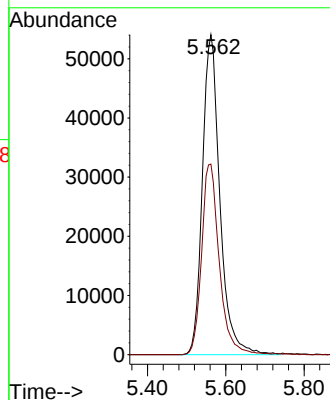
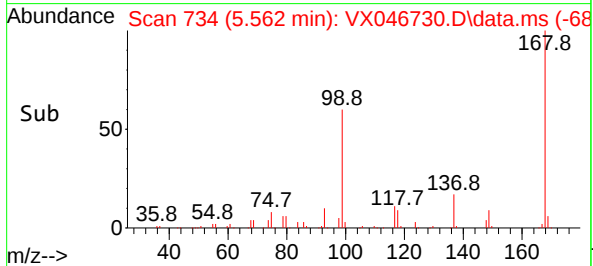


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX046730.D
Acq: 18 Jun 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBL01

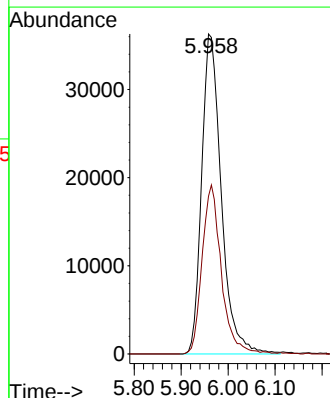
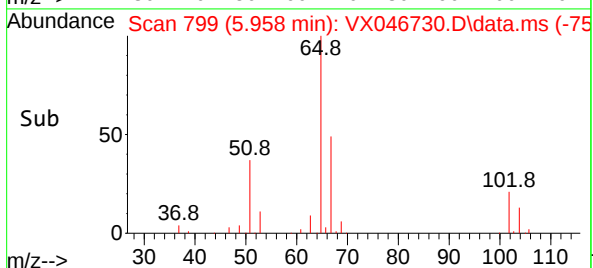
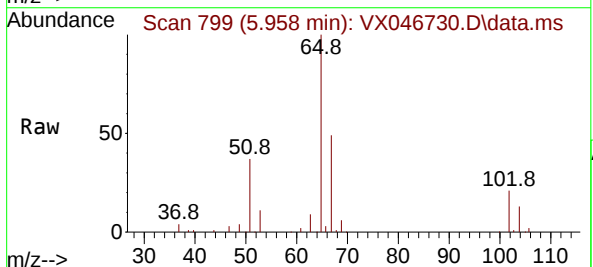


Tgt Ion:168 Resp: 167417
Ion Ratio Lower Upper
168 100
99 59.6 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 45.469 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX046730.D
Acq: 18 Jun 2025 10:45

Tgt Ion: 65 Resp: 105292
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

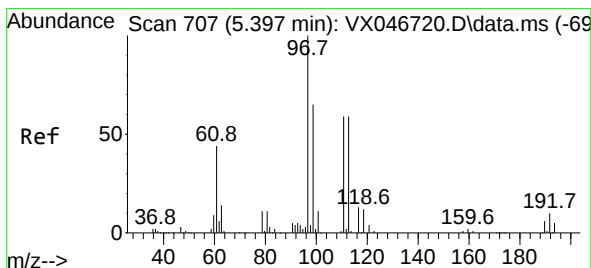
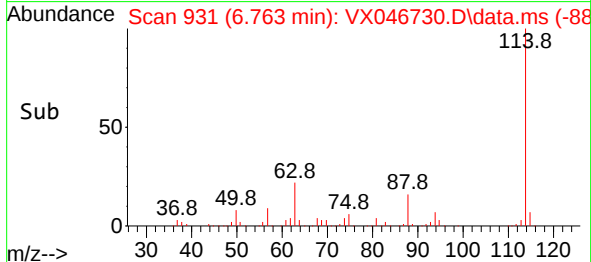
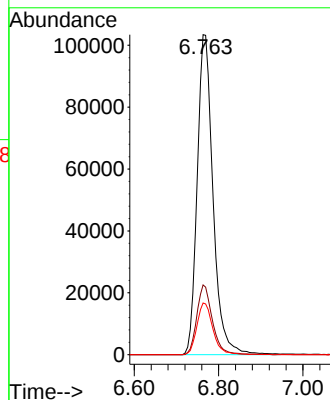
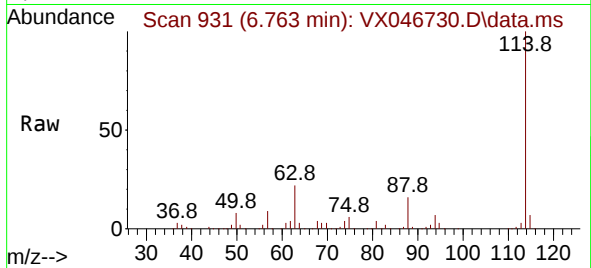




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046730.D
Acq: 18 Jun 2025 10:45

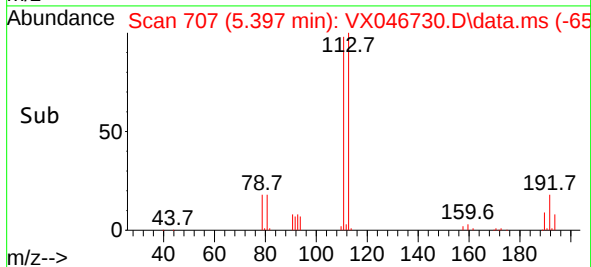
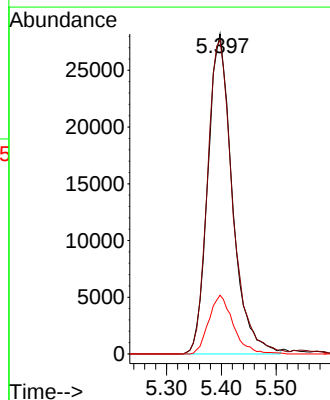
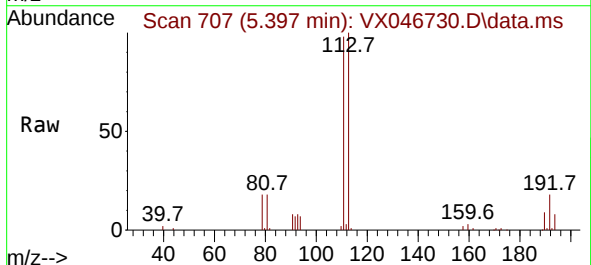
Instrument :
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ClientSampleId :
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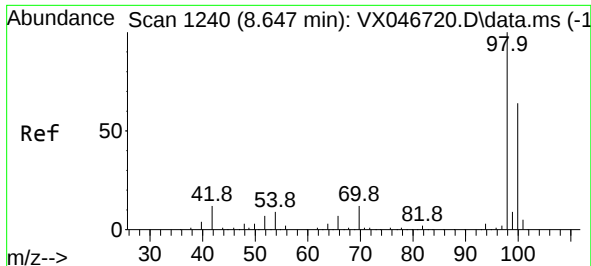
Tgt Ion:114 Resp: 270618
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.798 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046730.D
Acq: 18 Jun 2025 10:45

Tgt Ion:113 Resp: 87372
Ion Ratio Lower Upper
113 100
111 100.8 82.0 123.0
192 18.4 15.3 22.9

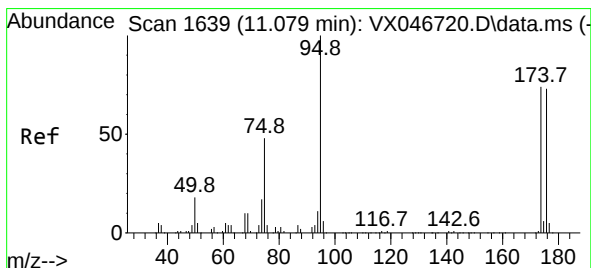
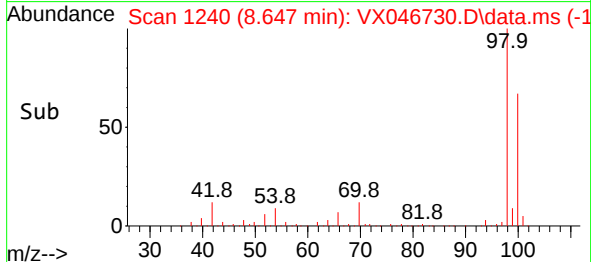
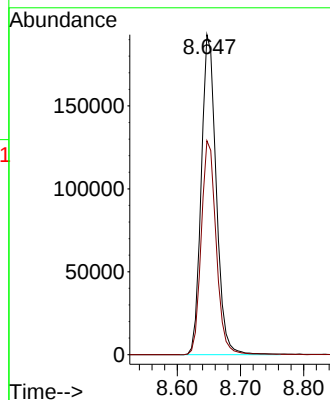
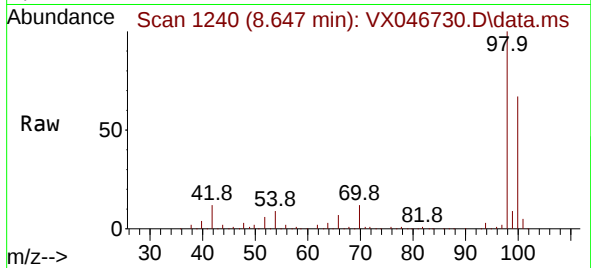




#50
Toluene-d8
Concen: 49.405 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046730.D
Acq: 18 Jun 2025 10:45

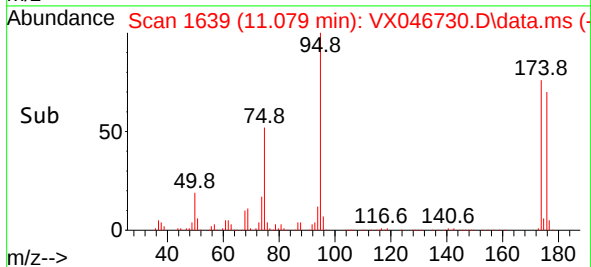
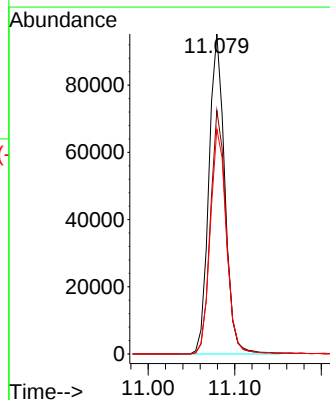
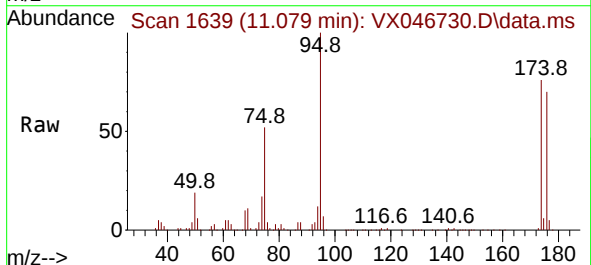
Instrument :
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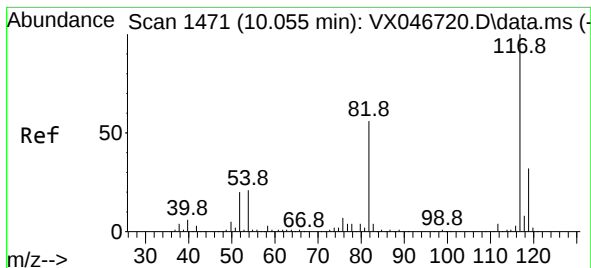
Tgt Ion: 98 Resp: 317817
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.641 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046730.D
Acq: 18 Jun 2025 10:45

Tgt Ion: 95 Resp: 121434
Ion Ratio Lower Upper
95 100
174 75.6 0.0 150.4
176 71.8 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: VX046730.D

Acq: 18 Jun 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBL01

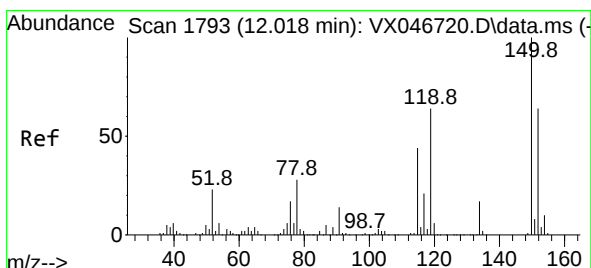
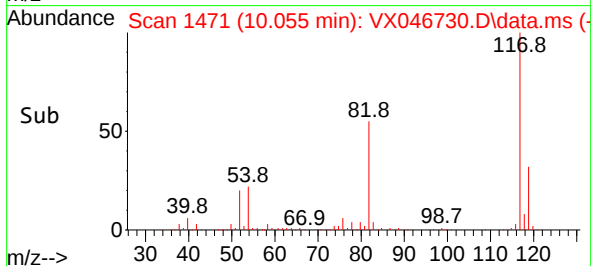
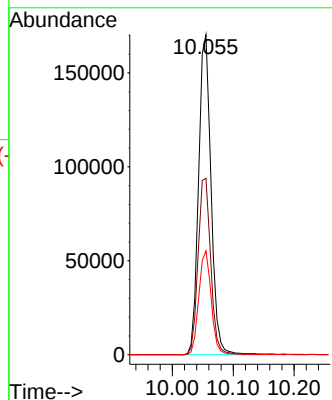
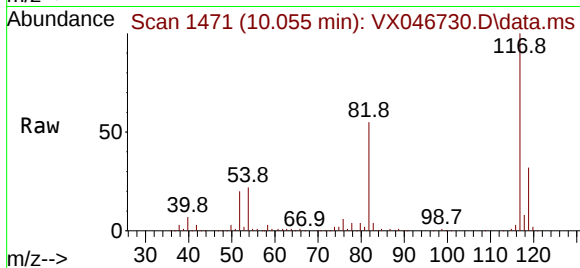
Tgt Ion:117 Resp: 242123

Ion Ratio Lower Upper

117 100

82 55.1 44.6 66.8

119 32.5 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: VX046730.D

Acq: 18 Jun 2025 10:45

Tgt Ion:152 Resp: 121135

Ion Ratio Lower Upper

152 100

115 60.3 43.2 129.6

150 155.5 0.0 346.8

