

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046742.D
 Acq On : 18 Jun 2025 15:03
 Operator : JC/MD
 Sample : Q2345-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-9-20250616

Quant Time: Jun 19 01:25:16 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)

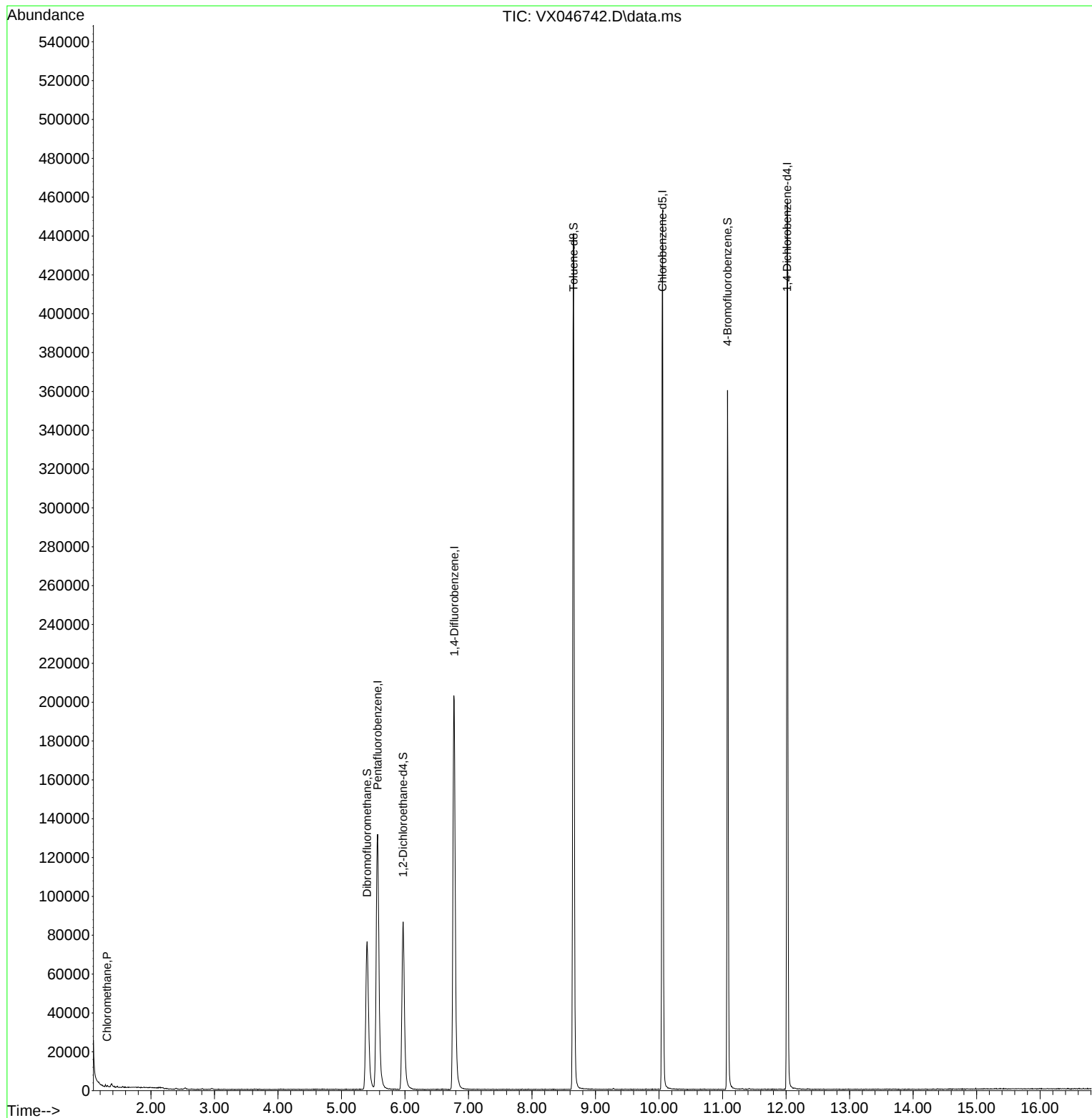
Internal Standards						
1) Pentafluorobenzene	5.568	168	133892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	222699	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	89336	48.238	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.480%
35) Dibromofluoromethane	5.403	113	72980	49.530	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.060%
50) Toluene-d8	8.653	98	264875	50.035	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.080%
62) 4-Bromofluorobenzene	11.079	95	96247	48.774	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.540%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	431	0.279	ug/l	97

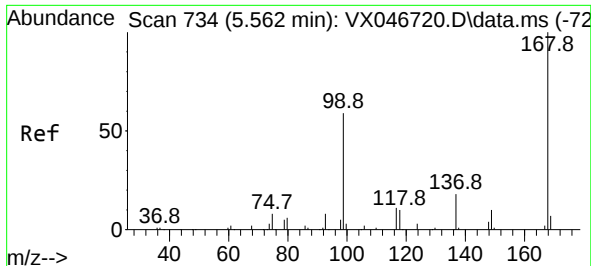
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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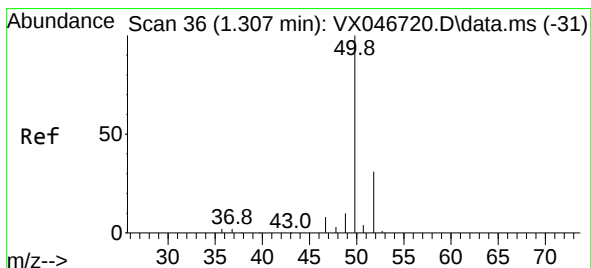
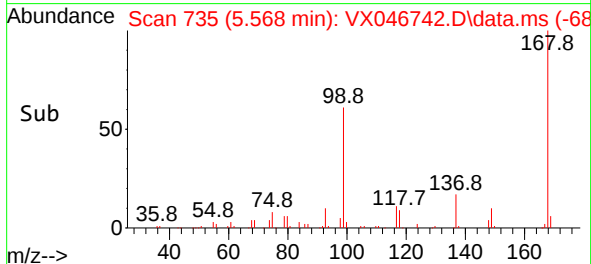
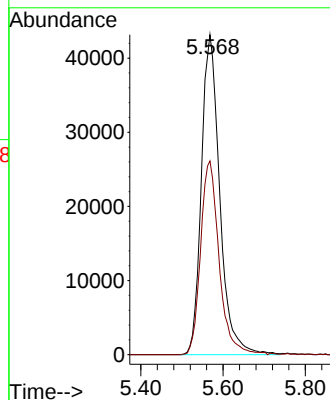
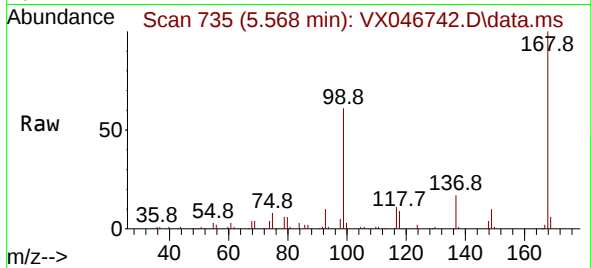




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

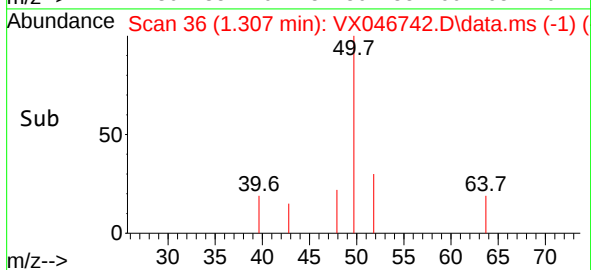
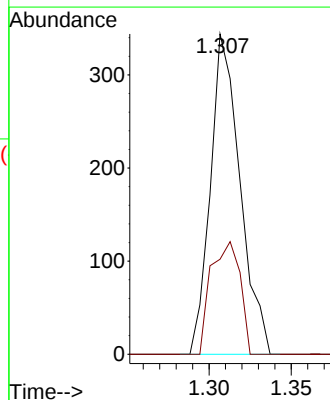
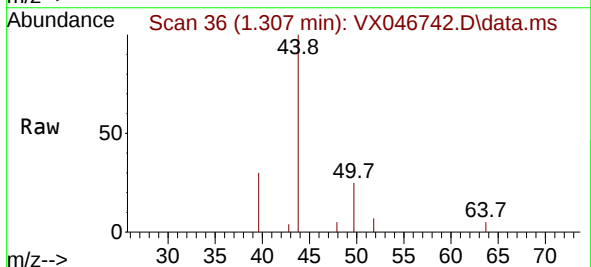
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

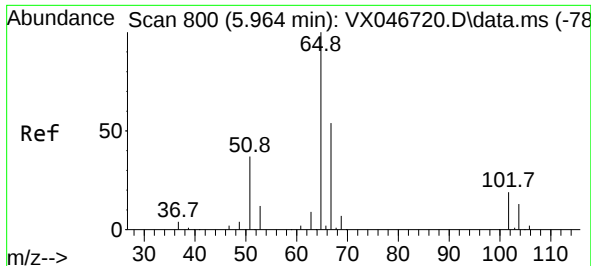
Tgt Ion:168 Resp: 133892
Ion Ratio Lower Upper
168 100
99 60.6 48.5 72.7



#3
Chloromethane
Concen: 0.279 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Tgt Ion: 50 Resp: 431
Ion Ratio Lower Upper
50 100
52 29.7 24.9 37.3

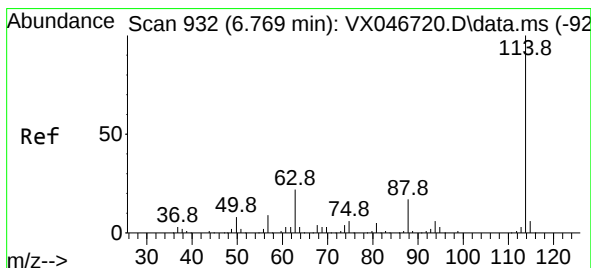
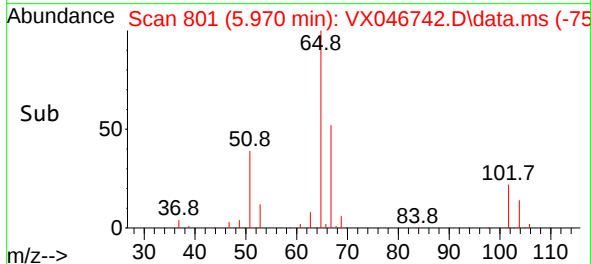
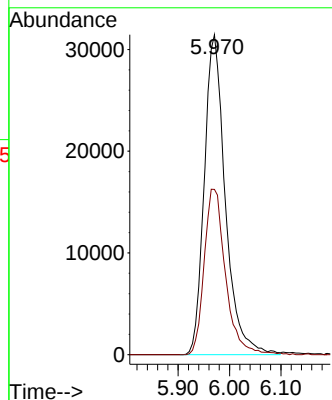
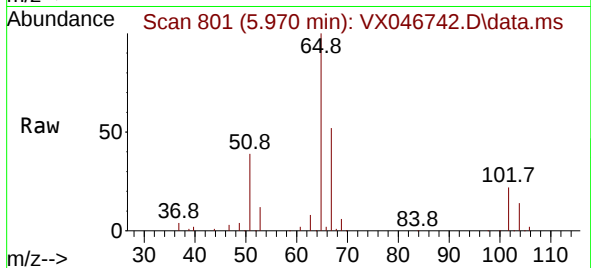




#33
1,2-Dichloroethane-d4
Concen: 48.238 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

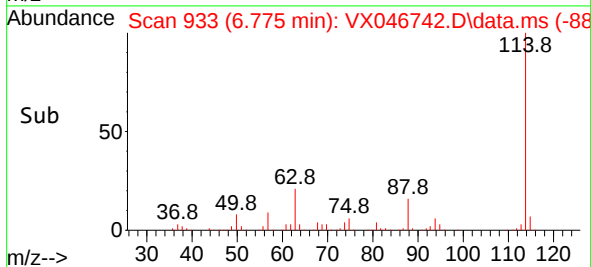
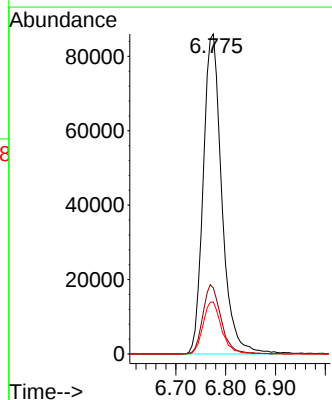
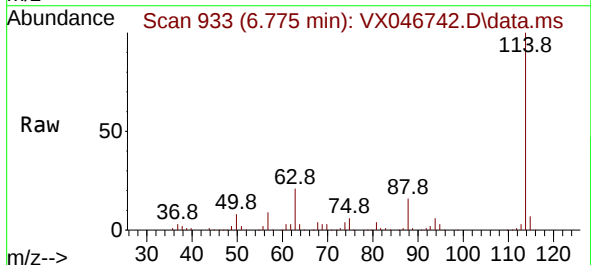
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250616

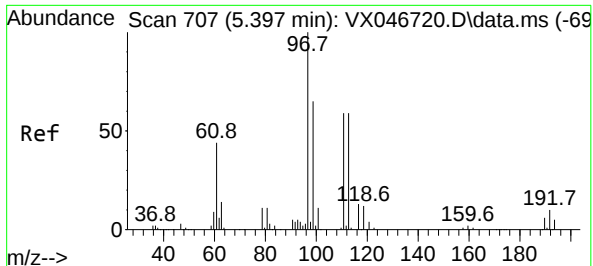
Tgt Ion: 65 Resp: 89336
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX046742.D
Acq: 18 Jun 2025 15:03

Tgt Ion: 114 Resp: 222699
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.2
88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.530 ug/l

RT: 5.403 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX046742.D

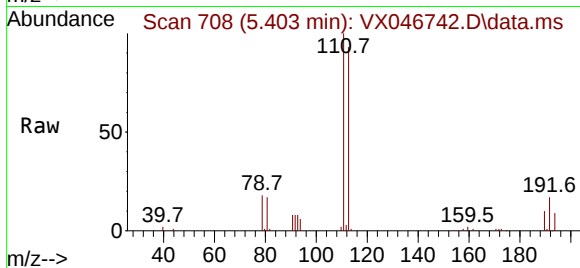
Acq: 18 Jun 2025 15:03

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-9-20250616



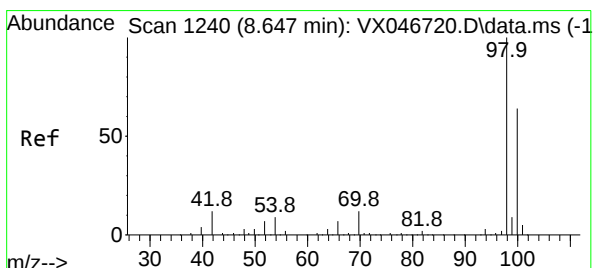
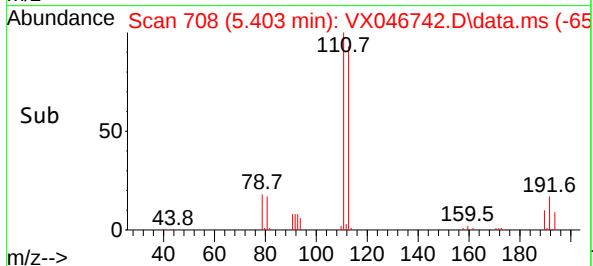
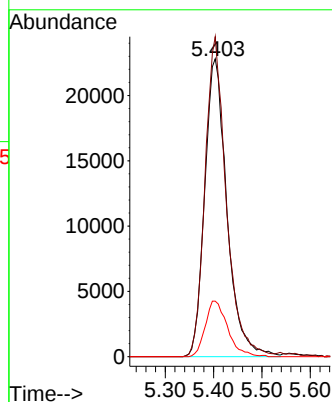
Tgt Ion:113 Resp: 72980

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

192 18.8 15.3 22.9



#50

Toluene-d8

Concen: 50.035 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX046742.D

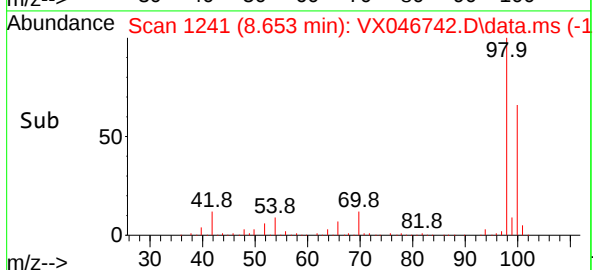
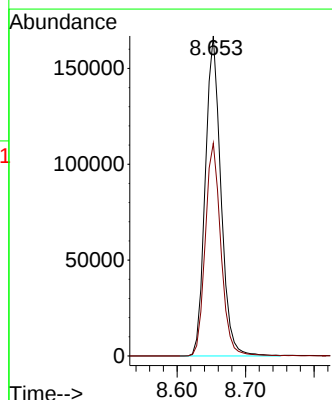
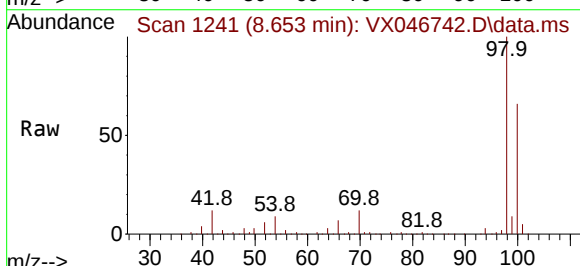
Acq: 18 Jun 2025 15:03

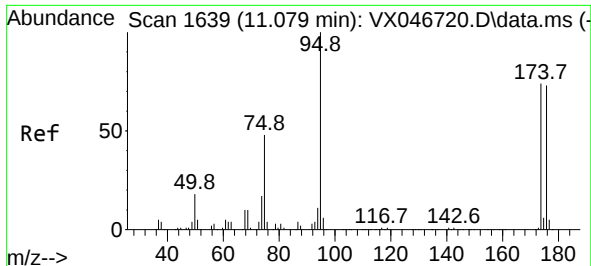
Tgt Ion: 98 Resp: 264875

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 48.774 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046742.D

Acq: 18 Jun 2025 15:03

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-9-20250616

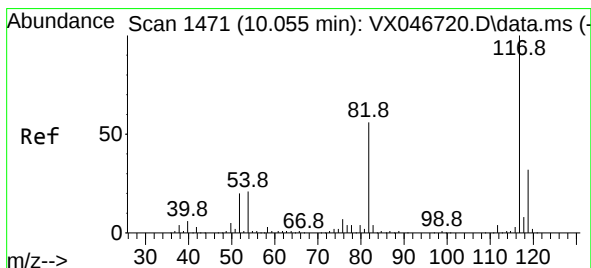
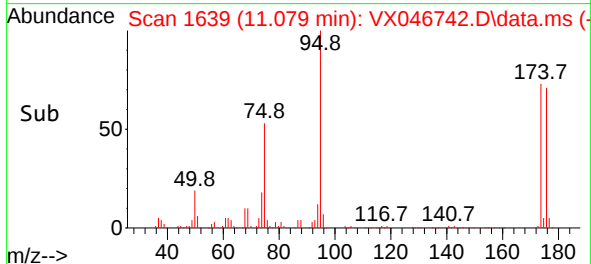
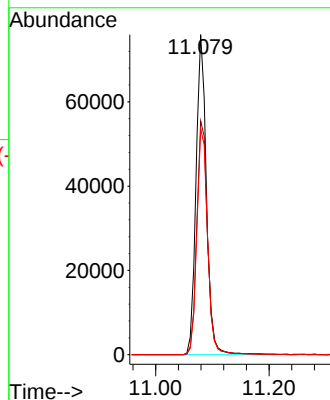
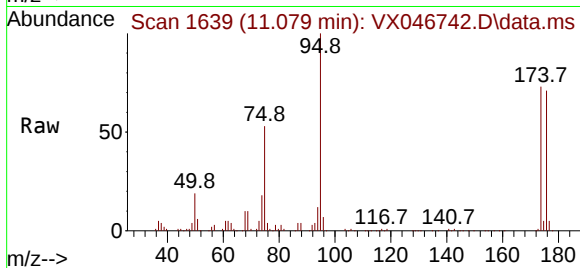
Tgt Ion: 95 Resp: 96247

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.4

176 73.3 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: VX046742.D

Acq: 18 Jun 2025 15:03

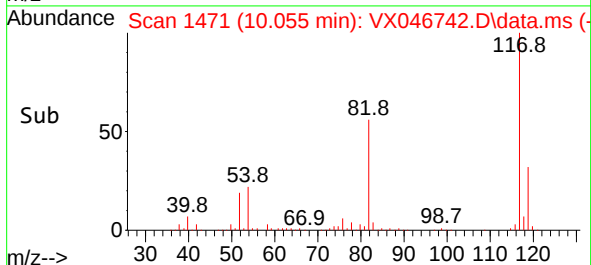
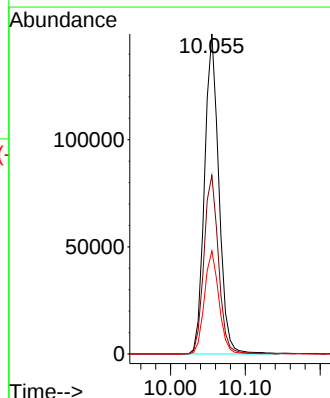
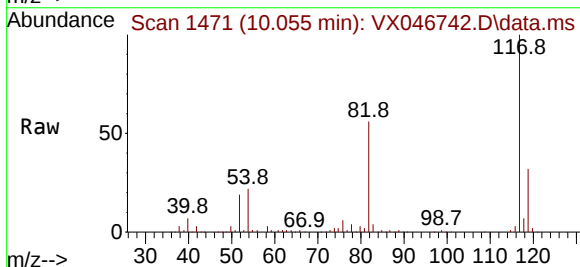
Tgt Ion: 117 Resp: 198876

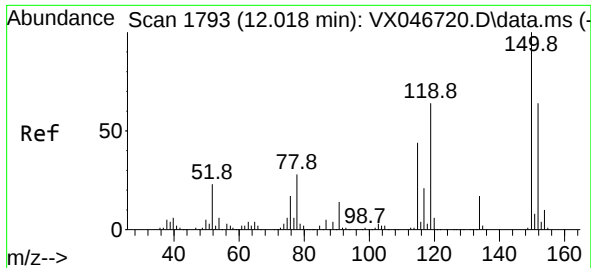
Ion Ratio Lower Upper

117 100

82 55.8 44.6 66.8

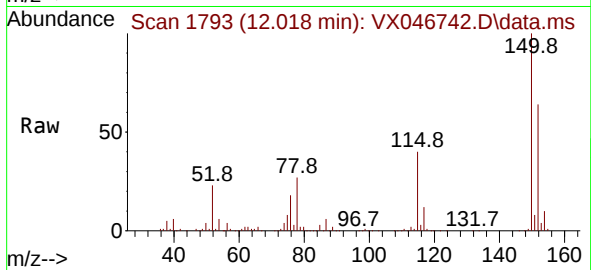
119 32.2 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046742.D
 Acq: 18 Jun 2025 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-9-20250616



Tgt Ion:152 Resp: 94577
 Ion Ratio Lower Upper
 152 100
 115 61.3 43.2 129.6
 150 157.1 0.0 346.8

