

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046749.D
 Acq On : 18 Jun 2025 17:34
 Operator : JC/MD
 Sample : Q2344-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jun 19 01:27:53 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)

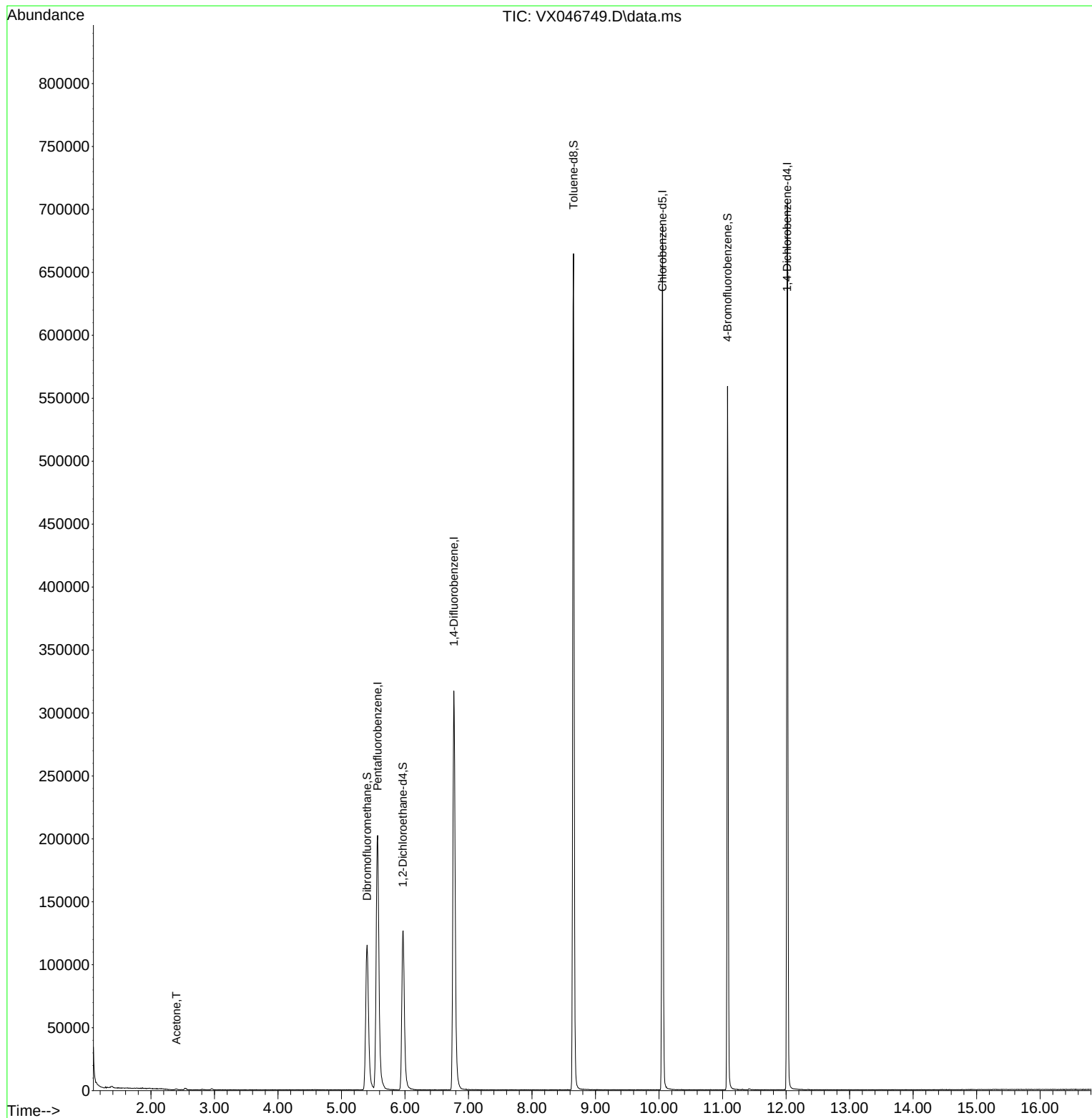
Internal Standards						
1) Pentafluorobenzene	5.568	168	206985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	342093	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	143592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	134324	46.918	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.840%		
35) Dibromofluoromethane	5.403	113	110764	48.937	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.880%		
50) Toluene-d8	8.653	98	402759	49.529	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.060%		
62) 4-Bromofluorobenzene	11.079	95	145810	48.102	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.200%		
Target Compounds						
16) Acetone	2.398	43	997	1.044	ug/l	97

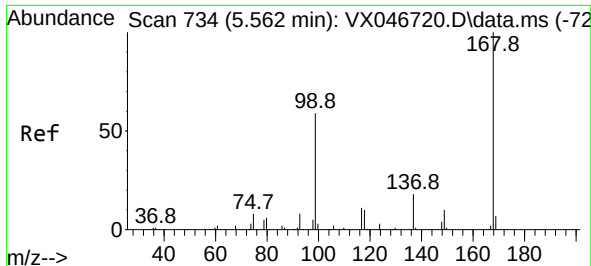
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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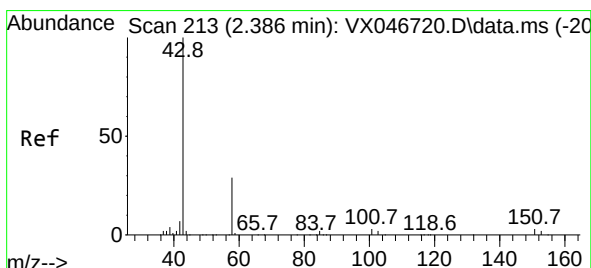
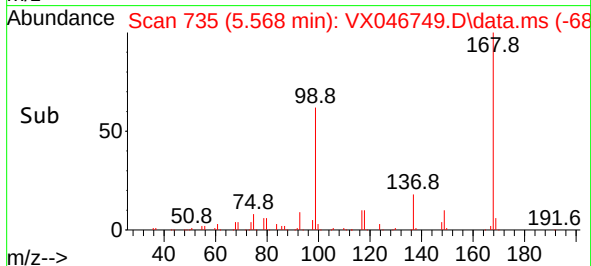
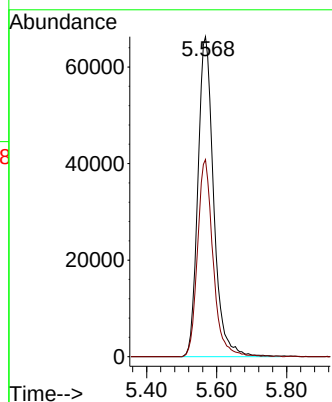
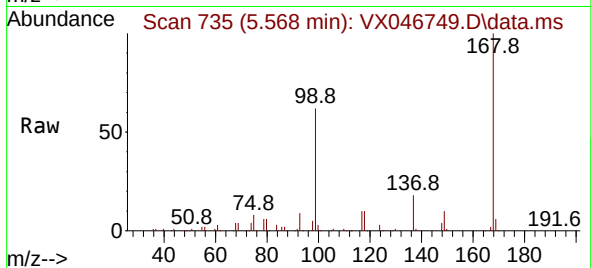




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046749.D
Acq: 18 Jun 2025 17:34

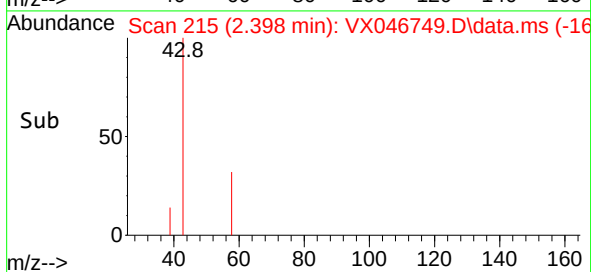
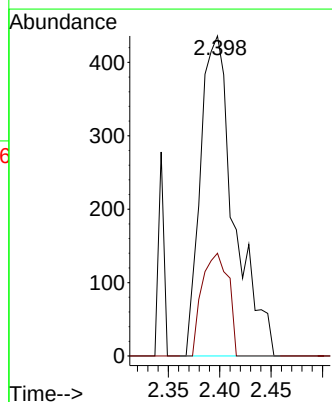
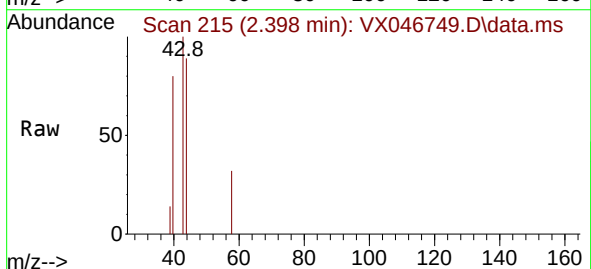
Instrument :
MSVOA_X
ClientSampleId :
MW-1

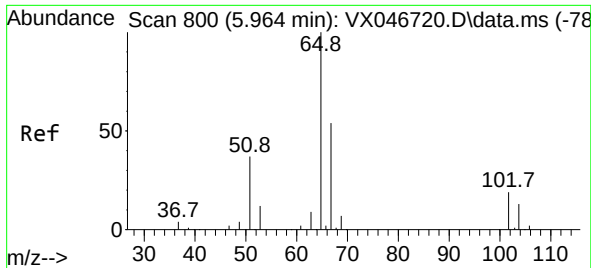
Tgt Ion:168 Resp: 206985
Ion Ratio Lower Upper
168 100
99 61.6 48.5 72.7



#16
Acetone
Concen: 1.044 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX046749.D
Acq: 18 Jun 2025 17:34

Tgt Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
58 32.1 24.5 36.7

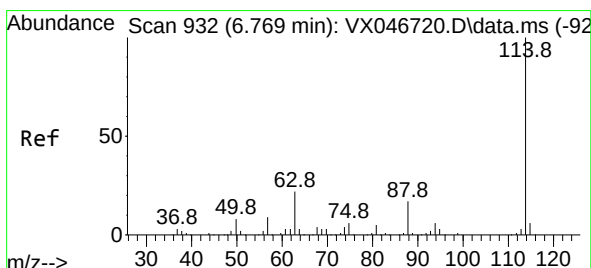
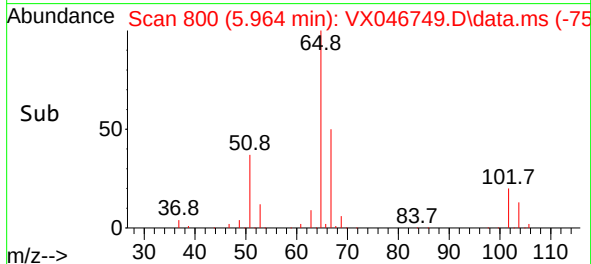
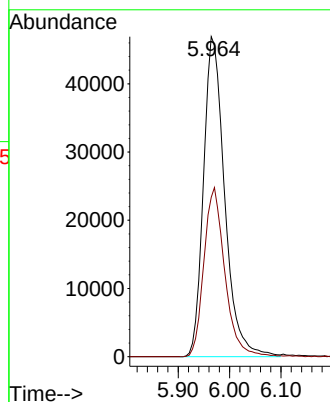
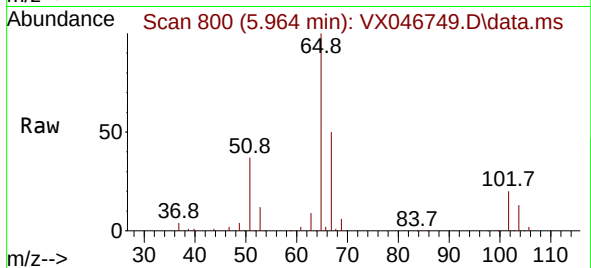




#33
 1,2-Dichloroethane-d4
 Concen: 46.918 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046749.D
 Acq: 18 Jun 2025 17:34

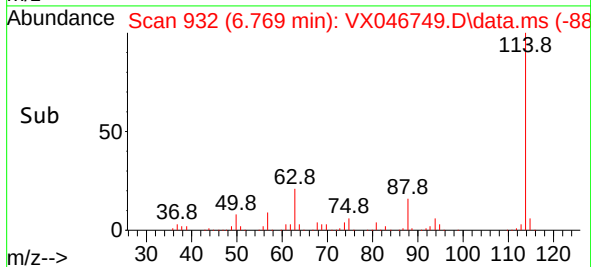
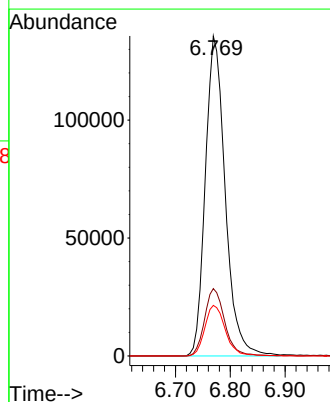
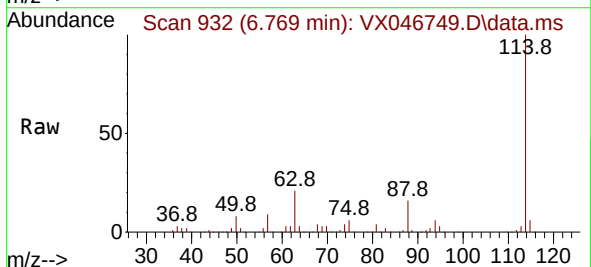
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

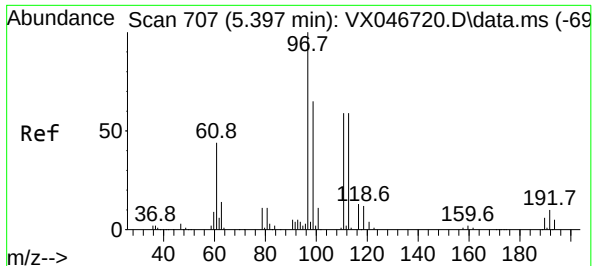
Tgt Ion: 65 Resp: 134324
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX046749.D
 Acq: 18 Jun 2025 17:34

Tgt Ion: 114 Resp: 342093
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.2
 88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.937 ug/l

RT: 5.403 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX046749.D

Acq: 18 Jun 2025 17:34

Instrument :

MSVOA_X

ClientSampleId :

MW-1

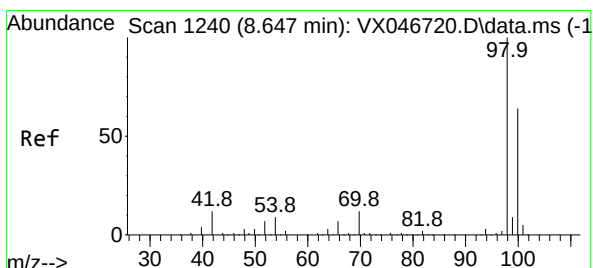
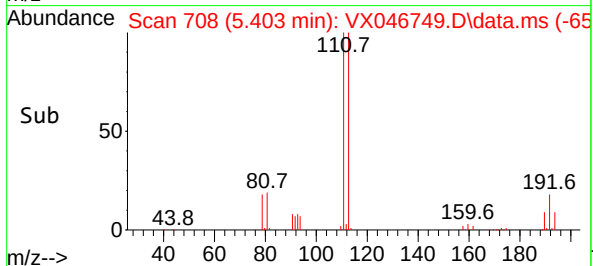
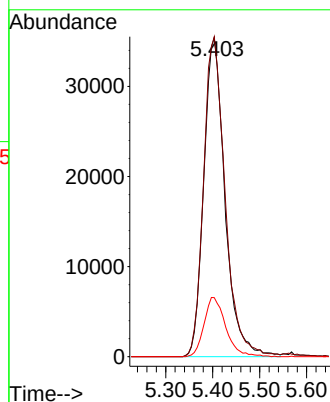
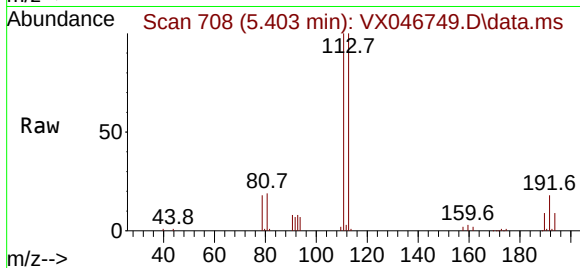
Tgt Ion:113 Resp: 110764

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 19.1 15.3 22.9



#50

Toluene-d8

Concen: 49.529 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX046749.D

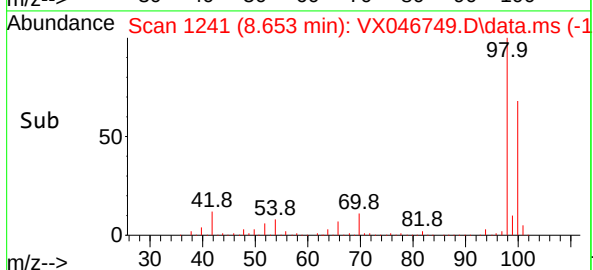
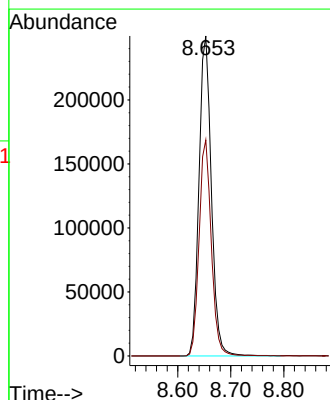
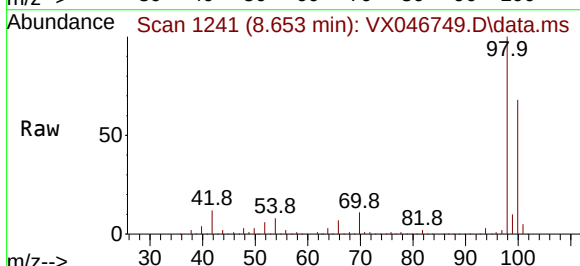
Acq: 18 Jun 2025 17:34

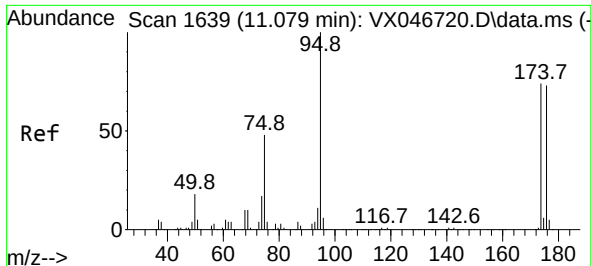
Tgt Ion: 98 Resp: 402759

Ion Ratio Lower Upper

98 100

100 66.8 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 48.102 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046749.D

Acq: 18 Jun 2025 17:34

Instrument :

MSVOA_X

ClientSampleId :

MW-1

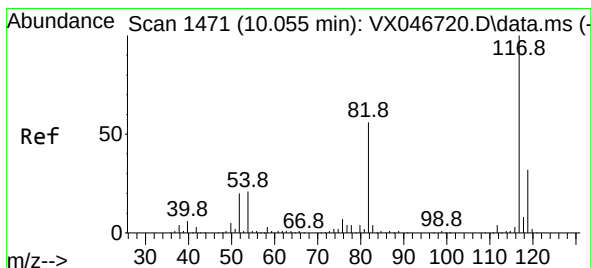
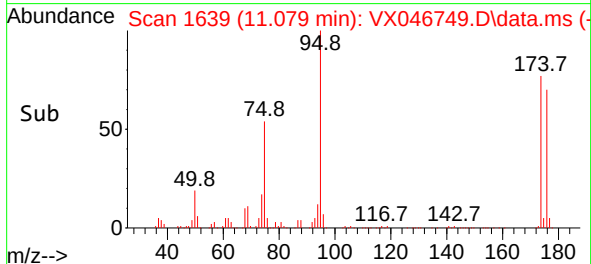
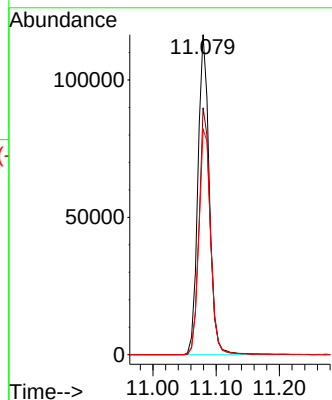
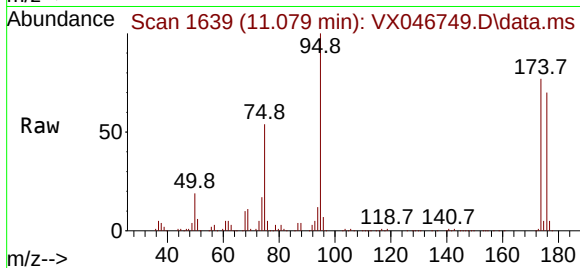
Tgt Ion: 95 Resp: 145810

Ion Ratio Lower Upper

95 100

174 76.6 0.0 150.4

176 72.9 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: VX046749.D

Acq: 18 Jun 2025 17:34

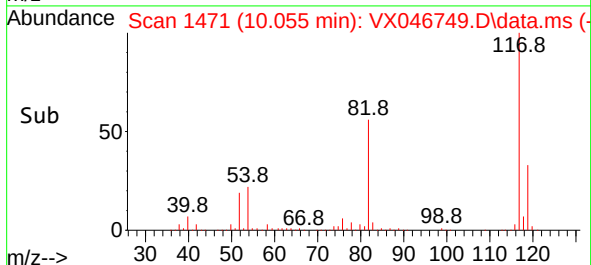
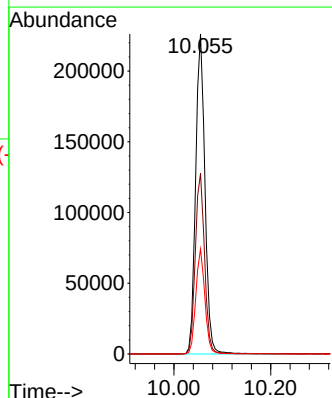
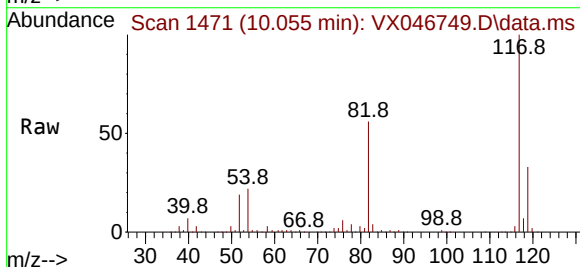
Tgt Ion: 117 Resp: 301676

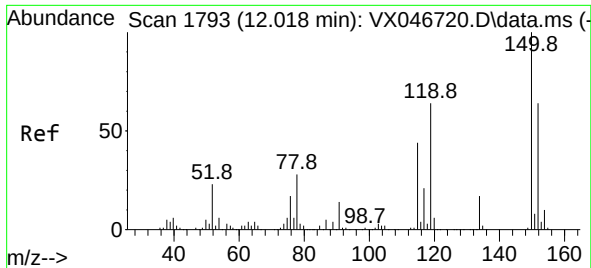
Ion Ratio Lower Upper

117 100

82 56.4 44.6 66.8

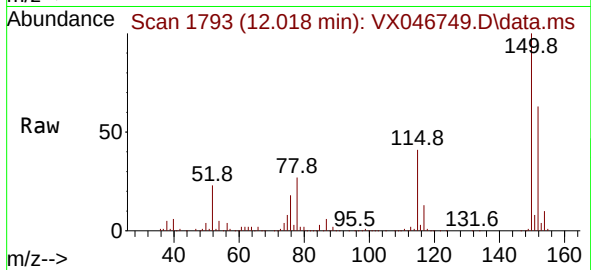
119 32.8 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046749.D
 Acq: 18 Jun 2025 17:34

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1



Tgt Ion:152 Resp: 143592
 Ion Ratio Lower Upper
 152 100
 115 61.6 43.2 129.6
 150 159.2 0.0 346.8

