

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046801.D
 Acq On : 20 Jun 2025 21:48
 Operator : JC/MD
 Sample : Q2385-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A5311

Quant Time: Jun 21 00:16:14 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)

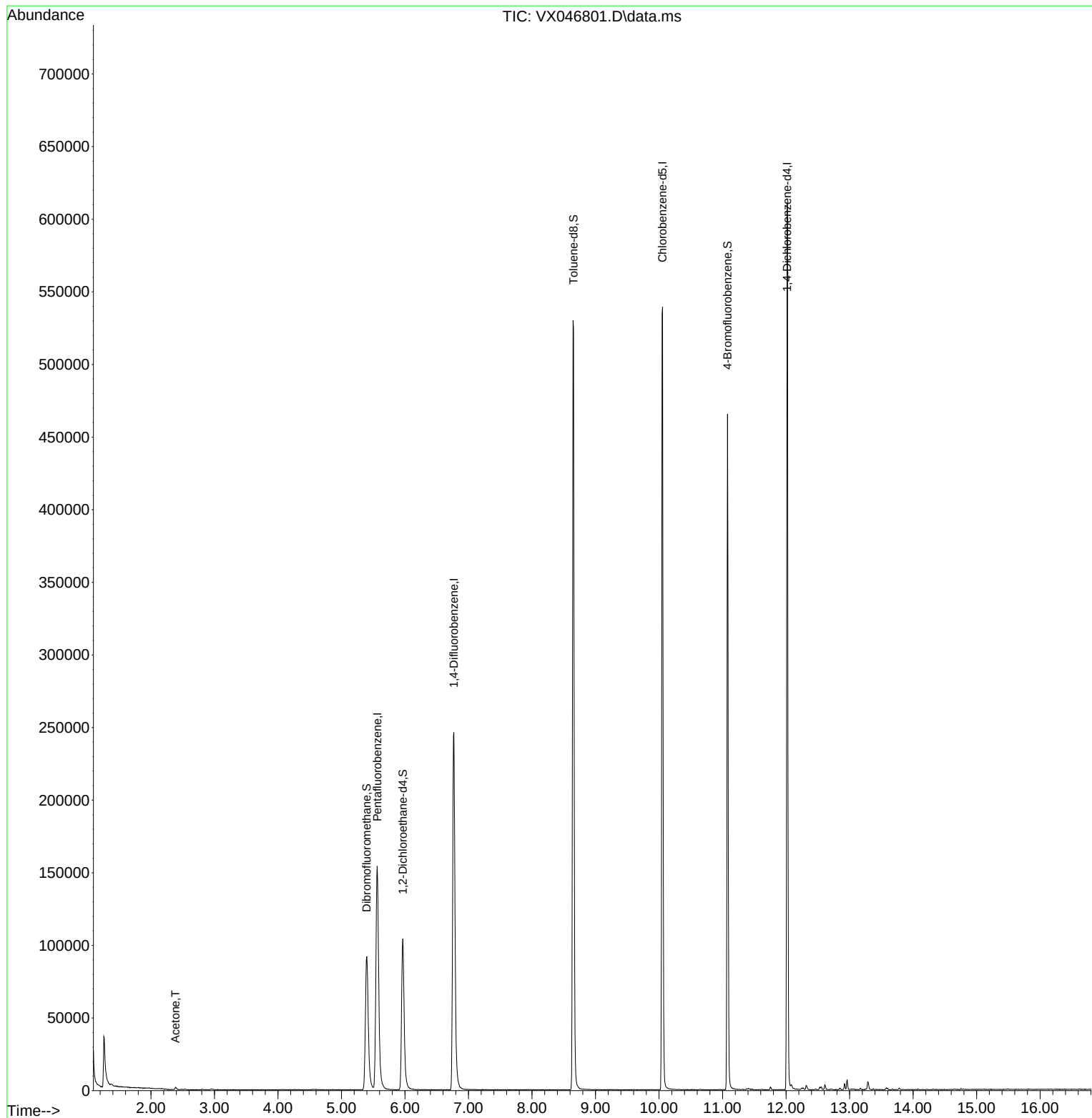
Internal Standards						
1) Pentafluorobenzene	5.562	168	158449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	275042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	124423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108997	49.733	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.460%
35) Dibromofluoromethane	5.397	113	89975	49.443	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.880%
50) Toluene-d8	8.653	98	331936	50.770	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.540%
62) 4-Bromofluorobenzene	11.079	95	123628	50.727	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.460%
Target Compounds						
16) Acetone	2.386	43	2218	3.035	ug/l	Qvalue 98

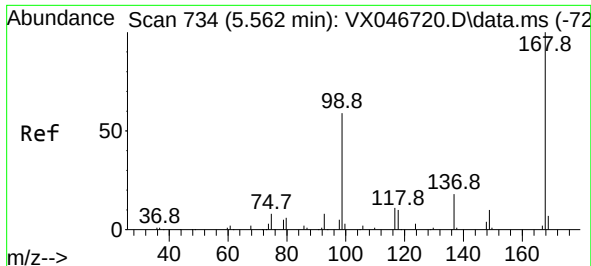
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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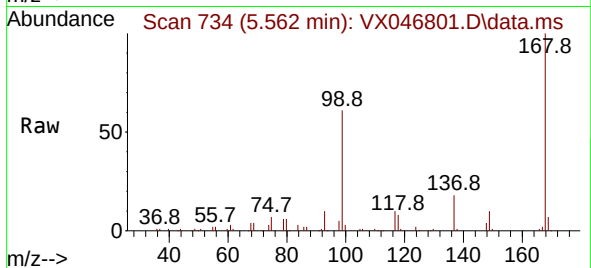
Quant Time: Jun 21 00:16:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
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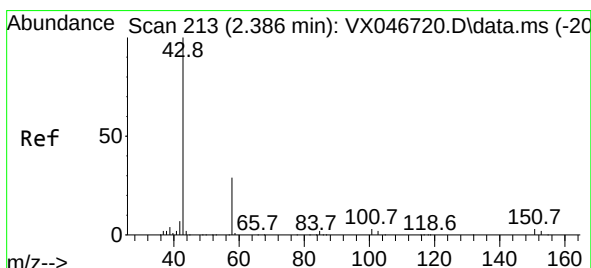
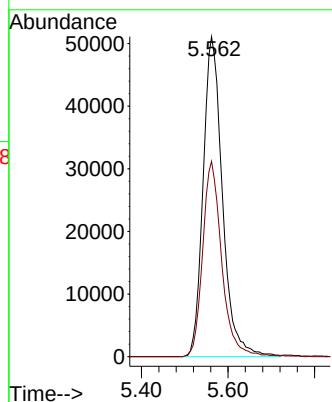
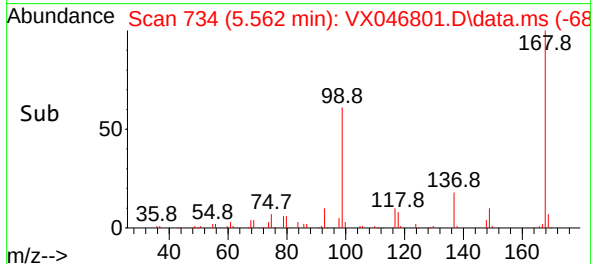


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046801.D
Acq: 20 Jun 2025 21:48

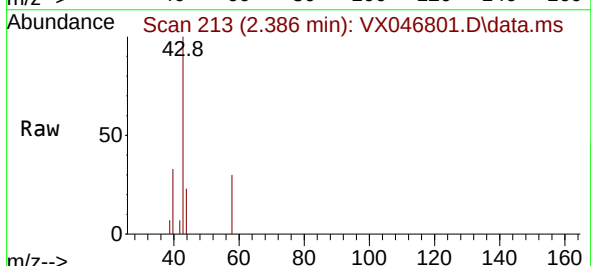
Instrument :
MSVOA_X
ClientSampleId :
A5311



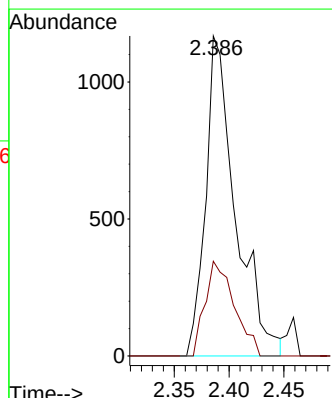
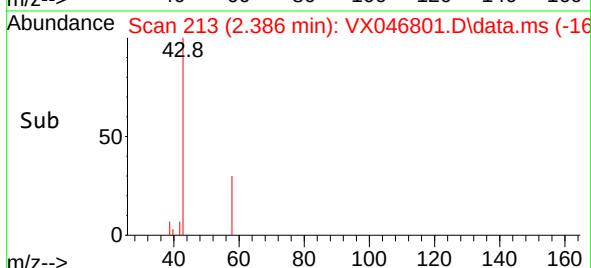
Tgt Ion:168 Resp: 158449
Ion Ratio Lower Upper
168 100
99 61.1 48.5 72.7

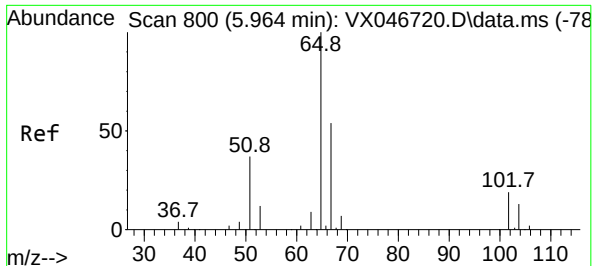


#16
Acetone
Concen: 3.035 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046801.D
Acq: 20 Jun 2025 21:48



Tgt Ion: 43 Resp: 2218
Ion Ratio Lower Upper
43 100
58 29.6 24.5 36.7





#33

1,2-Dichloroethane-d4

Concen: 49.733 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX046801.D

Acq: 20 Jun 2025 21:48

Instrument :

MSVOA_X

ClientSampleId :

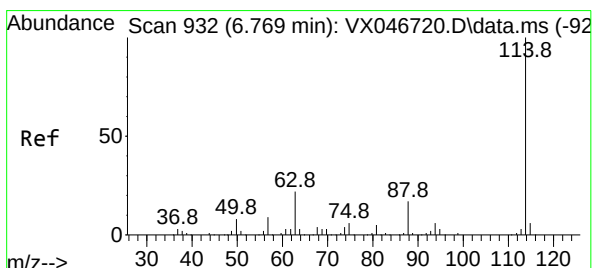
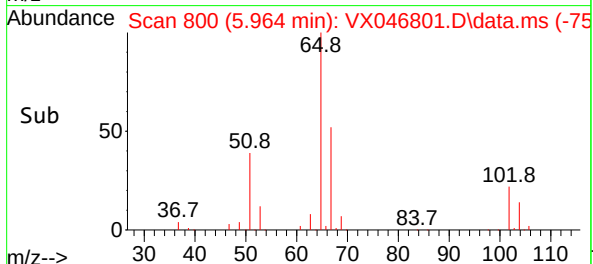
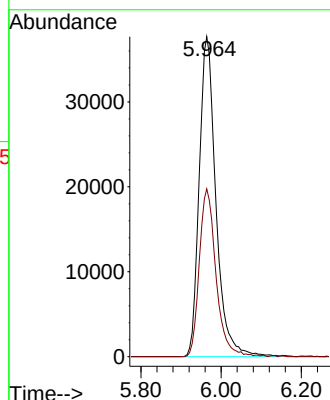
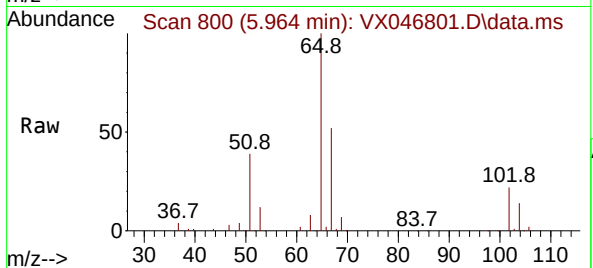
A5311

Tgt Ion: 65 Resp: 108997

Ion Ratio Lower Upper

65 100

67 52.4 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: VX046801.D

Acq: 20 Jun 2025 21:48

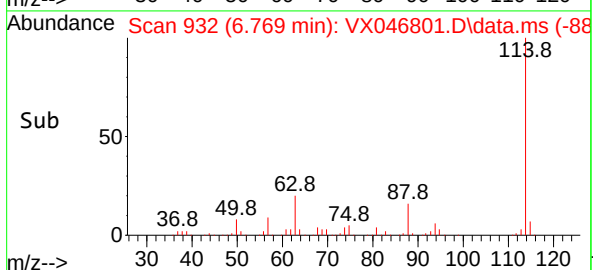
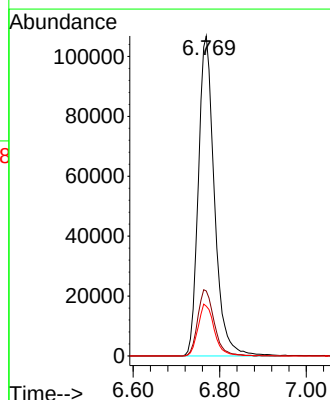
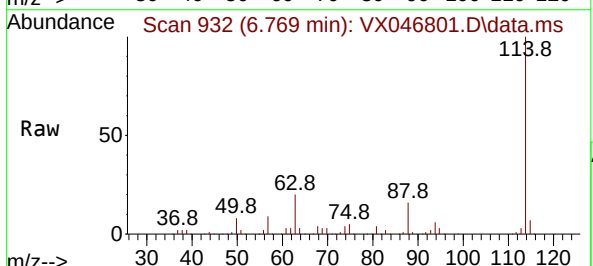
Tgt Ion: 114 Resp: 275042

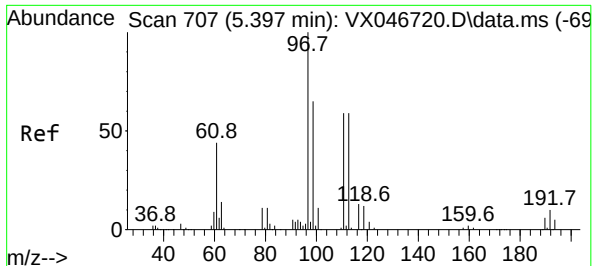
Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.2

88 15.5 0.0 33.2

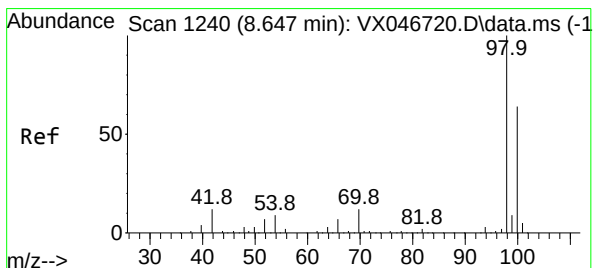
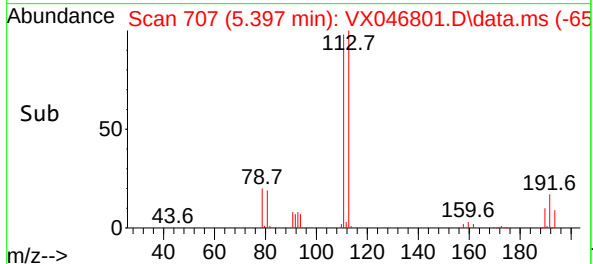
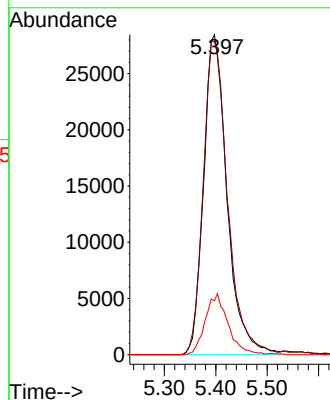
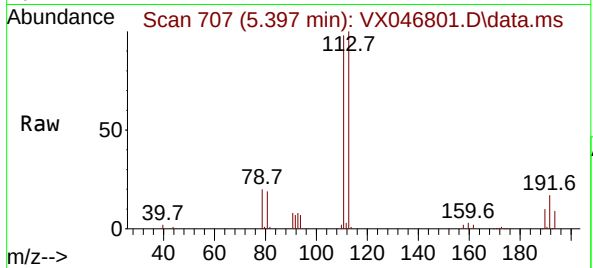




#35
Dibromofluoromethane
Concen: 49.443 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046801.D
Acq: 20 Jun 2025 21:48

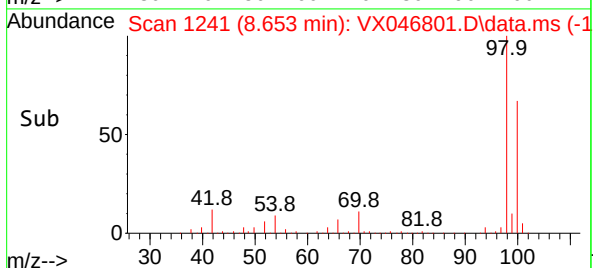
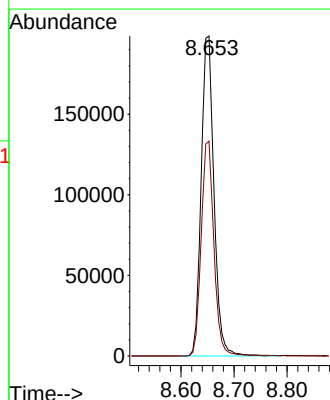
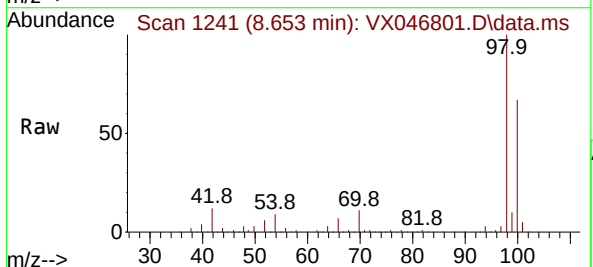
Instrument :
MSVOA_X
ClientSampleId :
A5311

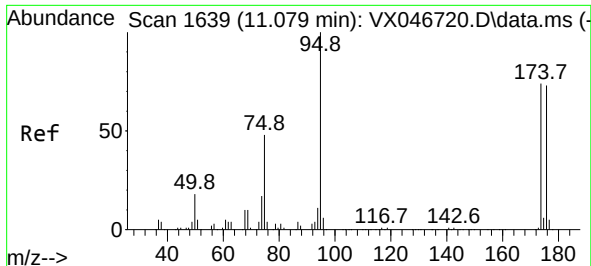
Tgt Ion:113 Resp: 89975
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 18.5 15.3 22.9



#50
Toluene-d8
Concen: 50.770 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046801.D
Acq: 20 Jun 2025 21:48

Tgt Ion: 98 Resp: 331936
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4

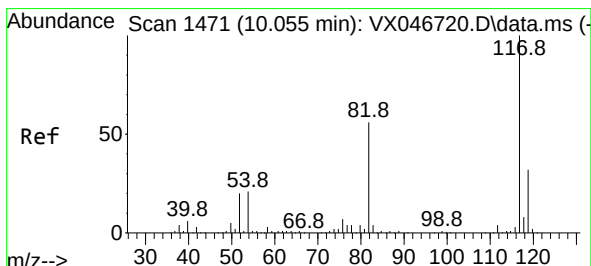
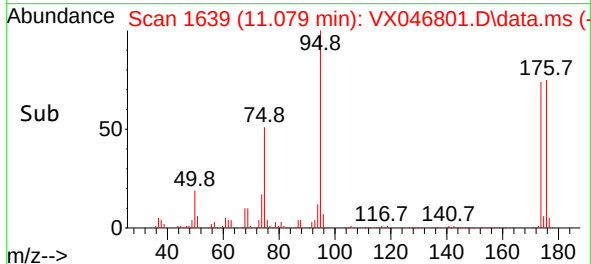
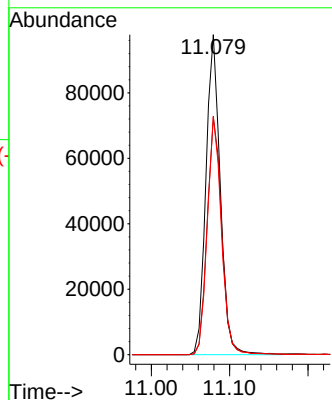
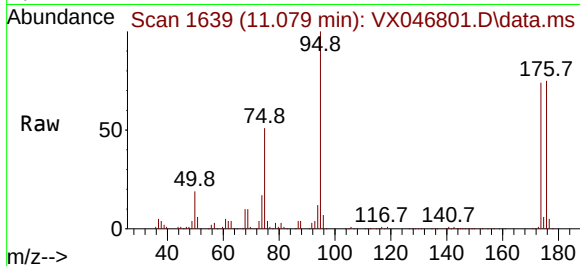




#62
4-Bromofluorobenzene
Concen: 50.727 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046801.D
Acq: 20 Jun 2025 21:48

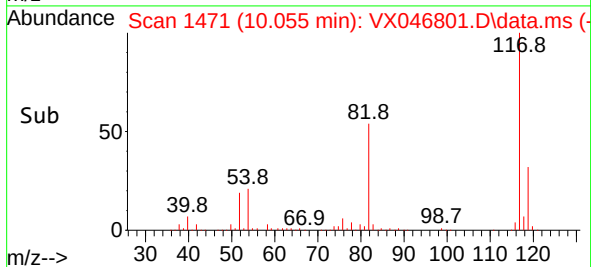
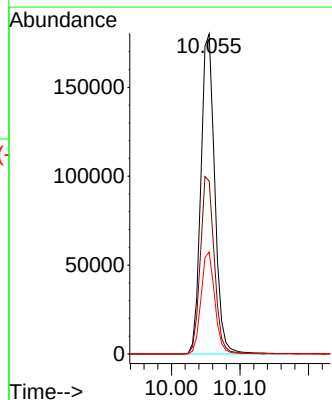
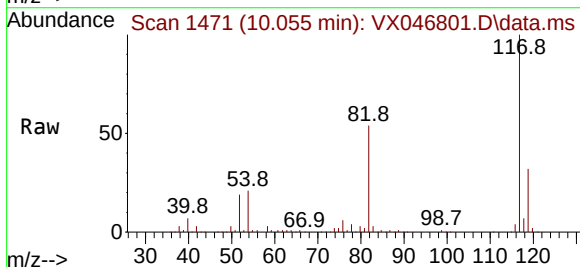
Instrument :
MSVOA_X
ClientSampleId :
A5311

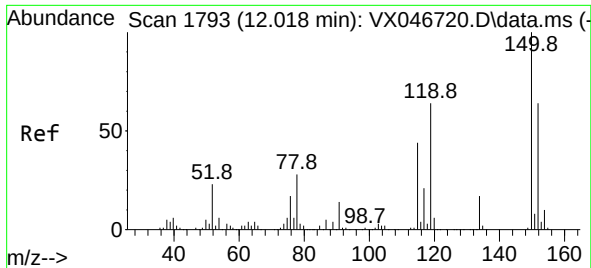
Tgt Ion: 95 Resp: 123628
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.4
176 73.5 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046801.D
Acq: 20 Jun 2025 21:48

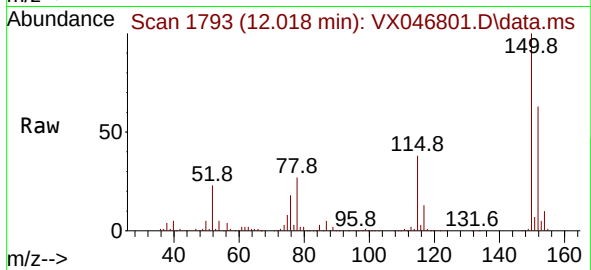
Tgt Ion: 117 Resp: 254688
Ion Ratio Lower Upper
117 100
82 54.1 44.6 66.8
119 31.9 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046801.D
 Acq: 20 Jun 2025 21:48

Instrument :
 MSVOA_X
 ClientSampleId :
 A5311



Tgt Ion:152 Resp: 124423
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.2 129.6
 150 157.3 0.0 346.8

