

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046594.D
 Acq On : 10 Jun 2025 12:09
 Operator : JC/MD
 Sample : Q2230-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-060425

Quant Time: Jun 11 01:45:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

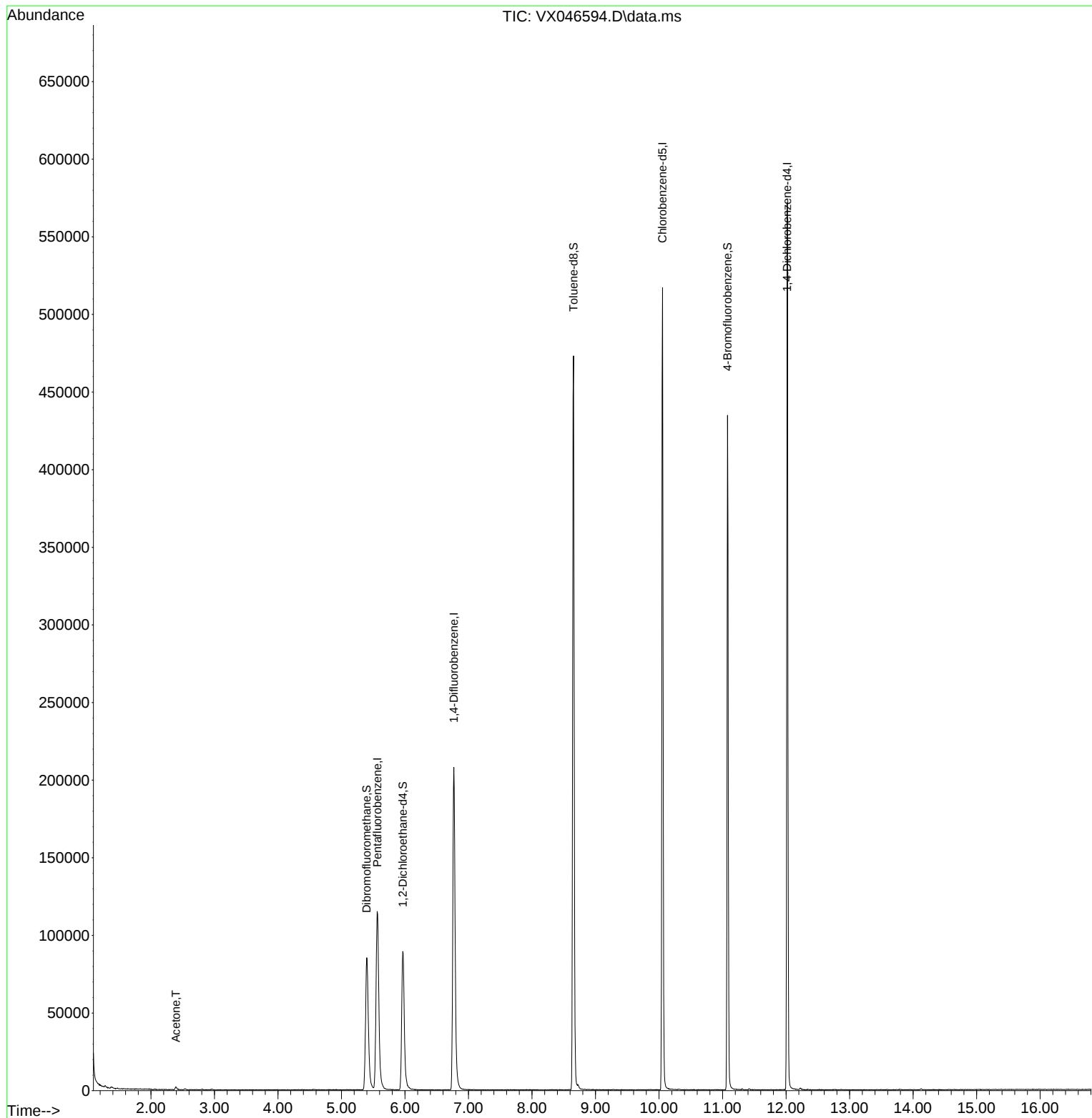
Internal Standards						
1) Pentafluorobenzene	5.562	168	109731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	215111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	108439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96798	49.583	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.160%
35) Dibromofluoromethane	5.397	113	79551	50.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.580%
50) Toluene-d8	8.653	98	285359	54.715	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.420%
62) 4-Bromofluorobenzene	11.079	95	116576	54.024	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.040%
Target Compounds						
16) Acetone	2.392	43	2503	7.799	ug/l	Qvalue 93

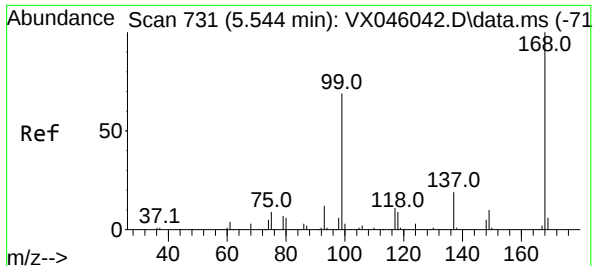
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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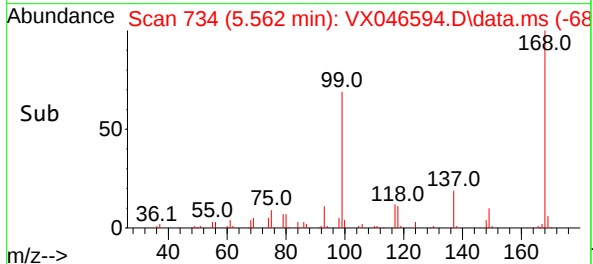
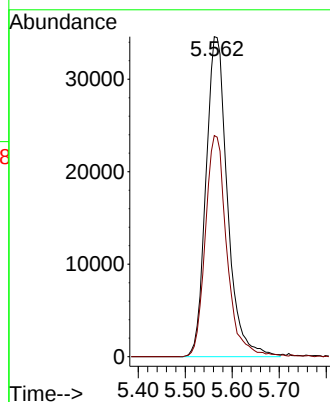
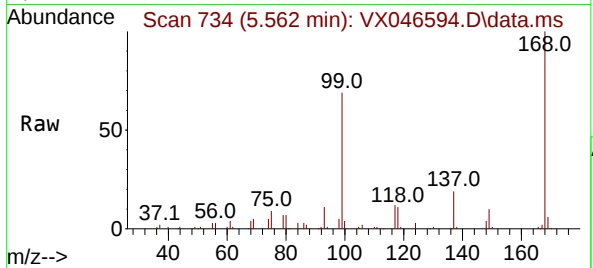




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046594.D
Acq: 10 Jun 2025 12:09

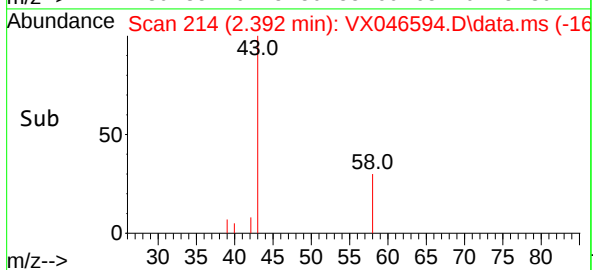
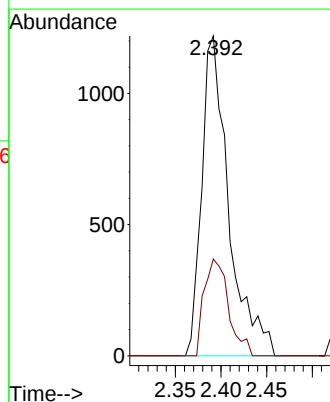
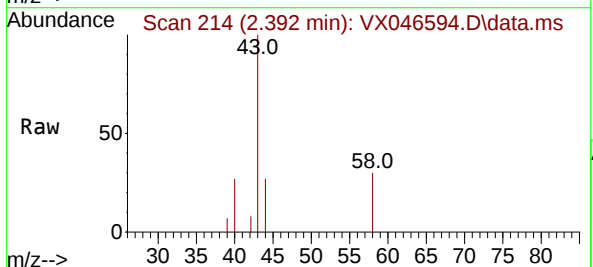
Instrument :
MSVOA_X
ClientSampleId :
FB-060425

Tgt Ion:168 Resp: 109731
Ion Ratio Lower Upper
168 100
99 69.1 54.9 82.3



#16
Acetone
Concen: 7.799 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046594.D
Acq: 10 Jun 2025 12:09

Tgt Ion: 43 Resp: 2503
Ion Ratio Lower Upper
43 100
58 30.3 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 49.583 ug/l

RT: 5.964 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX046594.D

Acq: 10 Jun 2025 12:09

Instrument :

MSVOA_X

ClientSampleId :

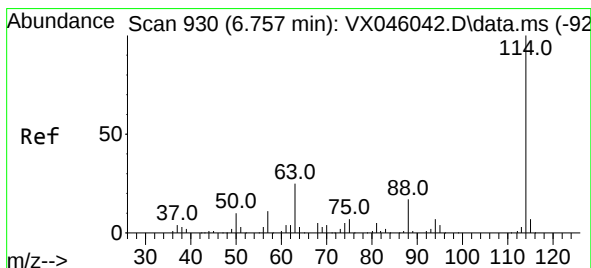
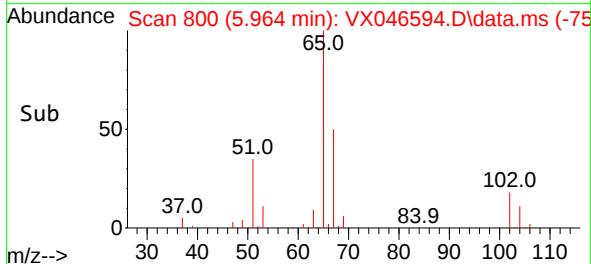
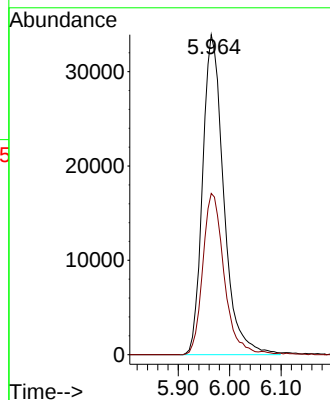
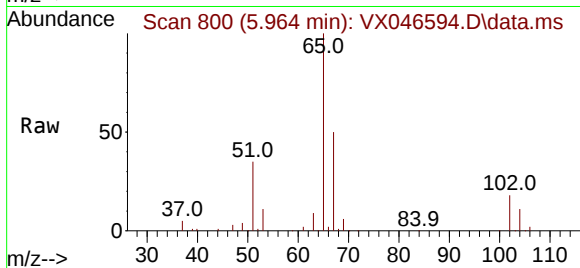
FB-060425

Tgt Ion: 65 Resp: 96798

Ion Ratio Lower Upper

65 100

67 50.5 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.006 min

Lab File: VX046594.D

Acq: 10 Jun 2025 12:09

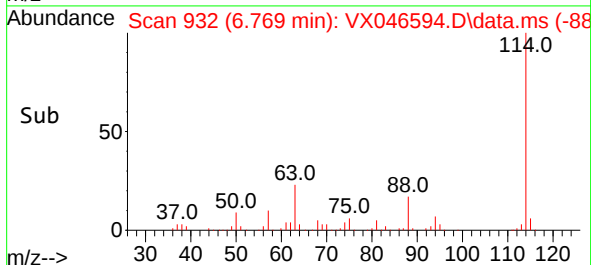
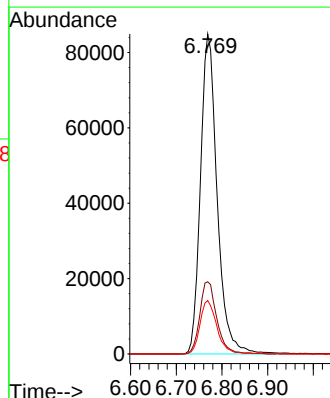
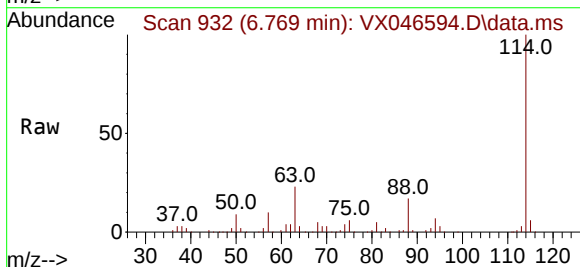
Tgt Ion: 114 Resp: 215111

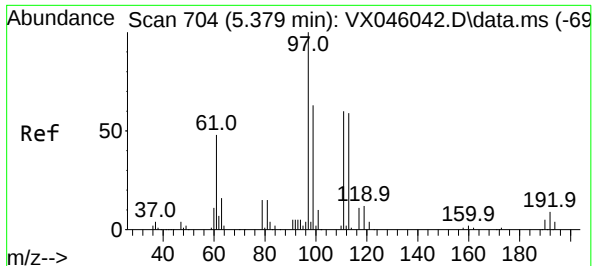
Ion Ratio Lower Upper

114 100

63 22.5 0.0 49.2

88 16.7 0.0 33.6

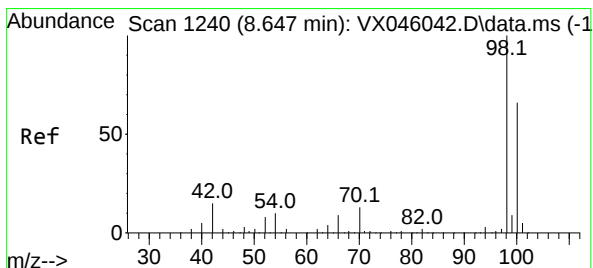
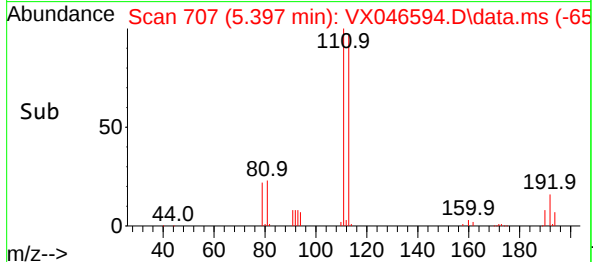
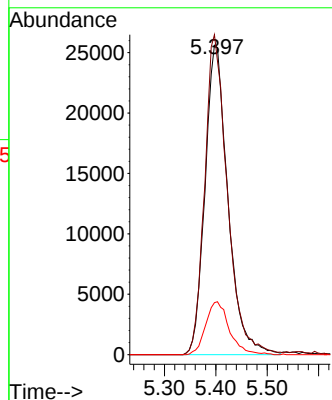
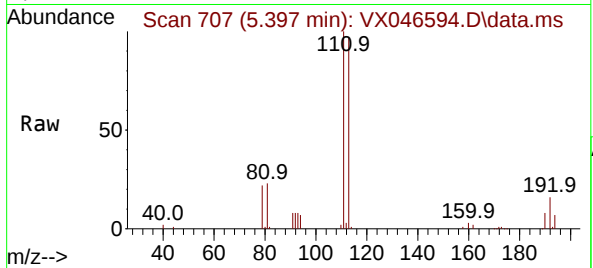




#35
 Dibromofluoromethane
 Concen: 50.288 ug/l
 RT: 5.397 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX046594.D
 Acq: 10 Jun 2025 12:09

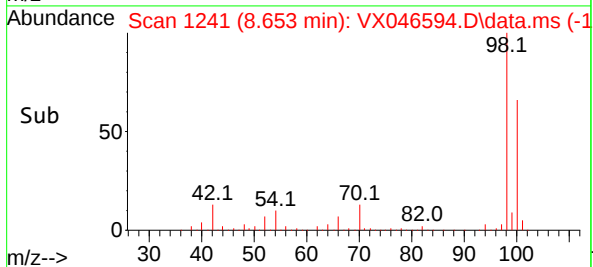
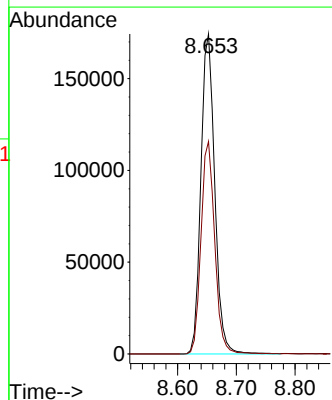
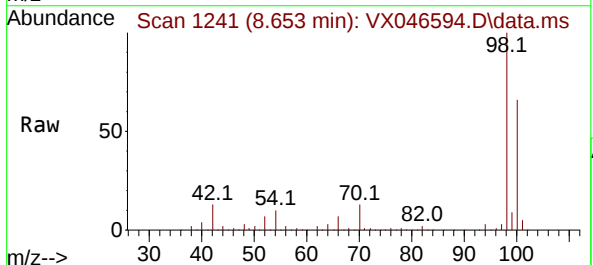
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-060425

Tgt Ion:113 Resp: 79551
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.1 124.7
 192 17.6 13.3 19.9



#50
 Toluene-d8
 Concen: 54.715 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX046594.D
 Acq: 10 Jun 2025 12:09

Tgt Ion: 98 Resp: 285359
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.5 80.3

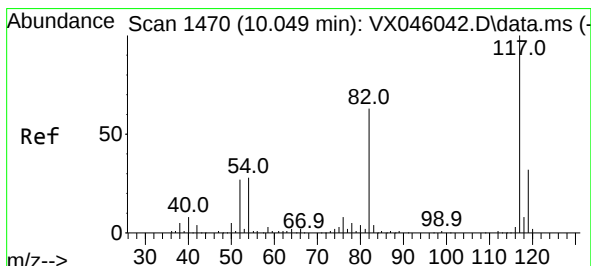
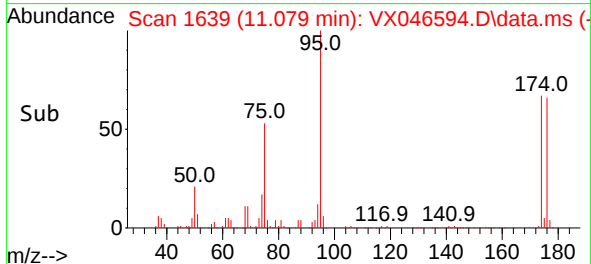
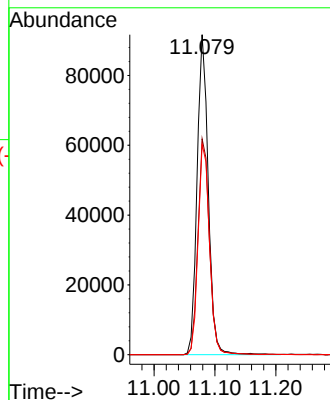
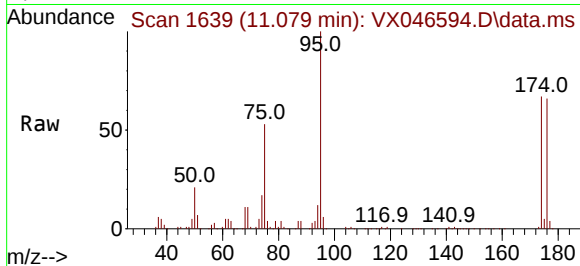




#62
4-Bromofluorobenzene
Concen: 54.024 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046594.D
Acq: 10 Jun 2025 12:09

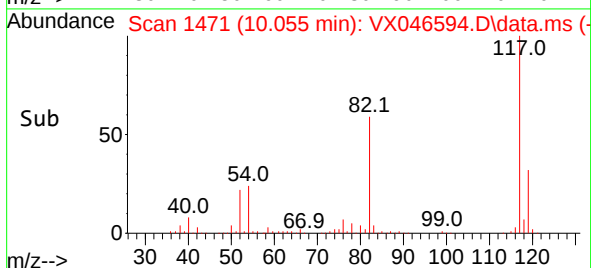
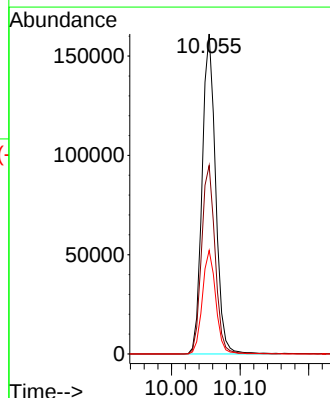
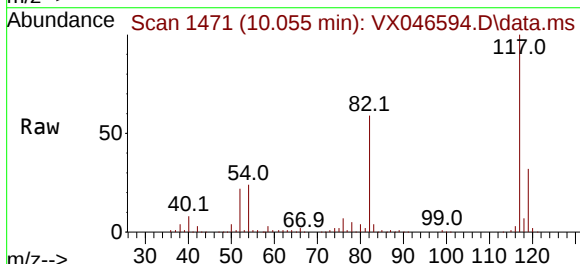
Instrument :
MSVOA_X
ClientSampleId :
FB-060425

Tgt Ion: 95 Resp: 116576
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.8
176 67.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046594.D
Acq: 10 Jun 2025 12:09

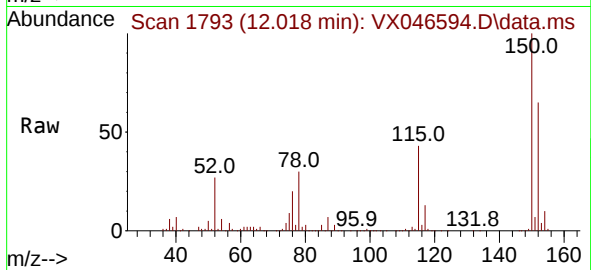
Tgt Ion: 117 Resp: 220551
Ion Ratio Lower Upper
117 100
82 58.9 50.6 76.0
119 32.3 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046594.D
 Acq: 10 Jun 2025 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-060425



Tgt Ion:152 Resp: 108439
 Ion Ratio Lower Upper
 152 100
 115 63.8 46.9 140.7
 150 155.3 0.0 351.0

