

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047420.D
 Acq On : 19 Aug 2025 18:00
 Operator : JC/MD
 Sample : Q2815-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP

Quant Time: Aug 20 01:30:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

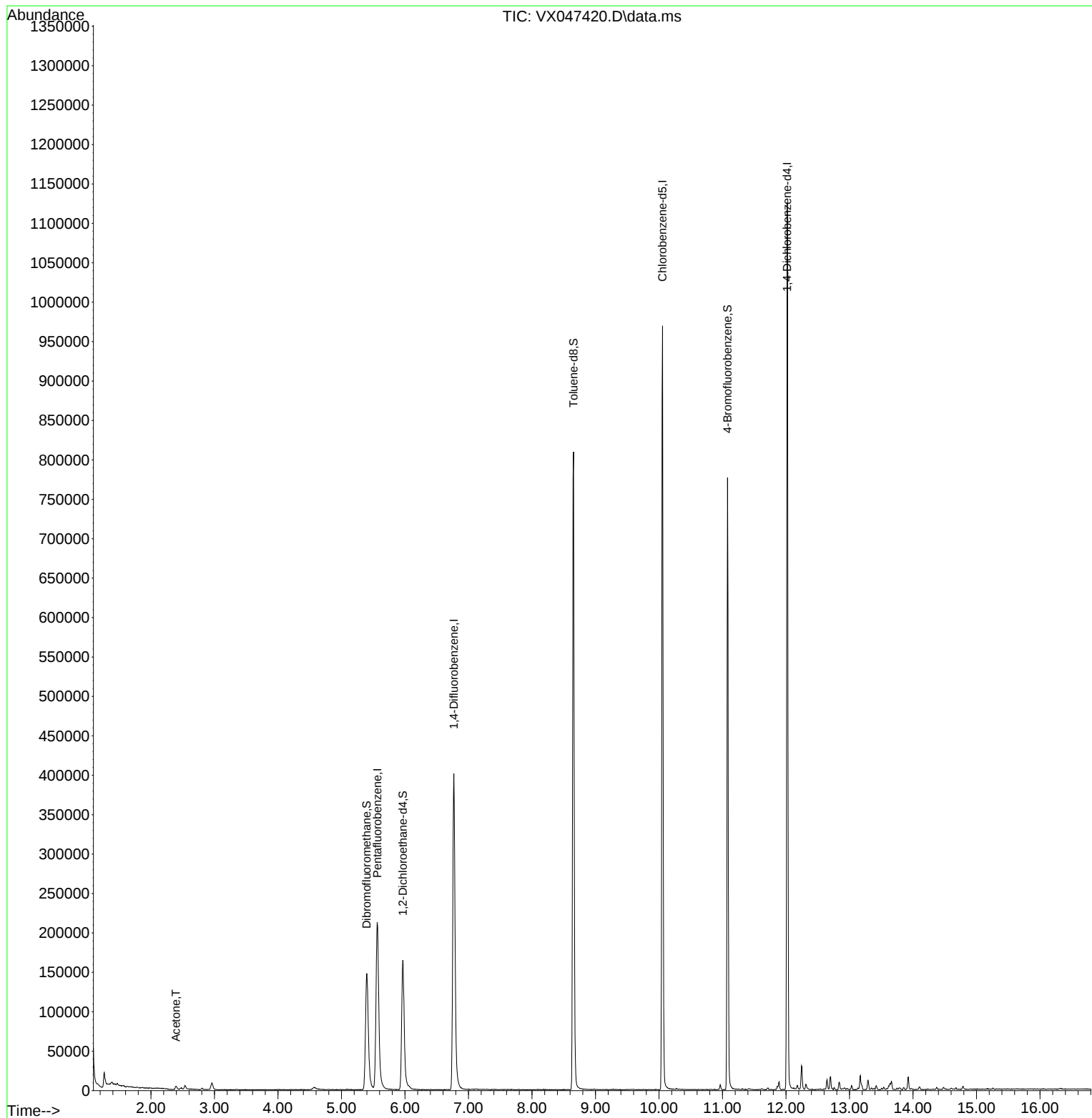
Internal Standards						
1) Pentafluorobenzene	5.562	168	215558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	430064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	432045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	228843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	172997	57.345	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.680%
35) Dibromofluoromethane	5.397	113	140913	50.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.980%
50) Toluene-d8	8.653	98	496027	49.720	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.440%
62) 4-Bromofluorobenzene	11.079	95	209487	56.903	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.800%
Target Compounds						
16) Acetone	2.392	43	6491	5.724	ug/l	Qvalue 97

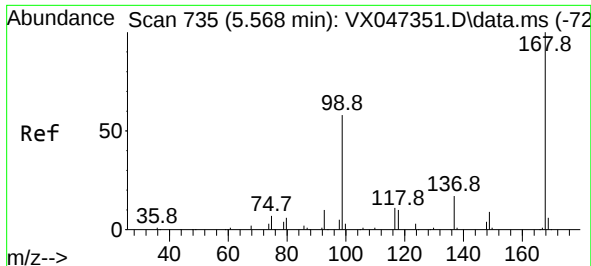
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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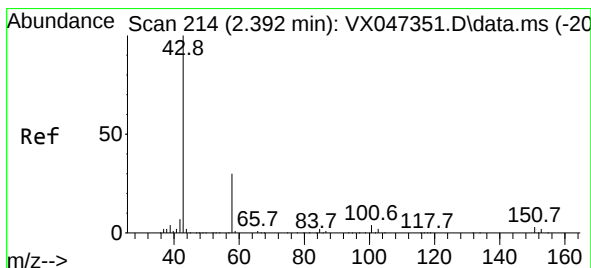
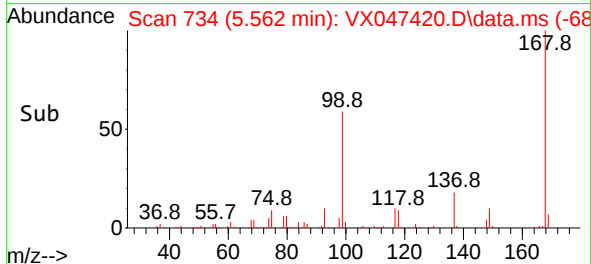
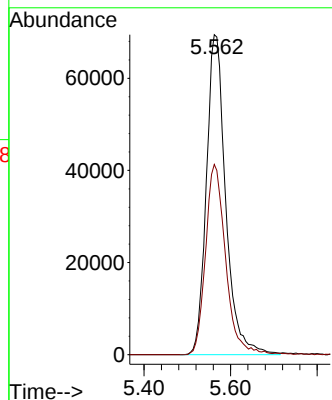
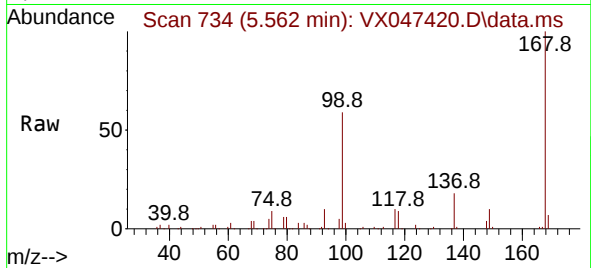




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047420.D
Acq: 19 Aug 2025 18:00

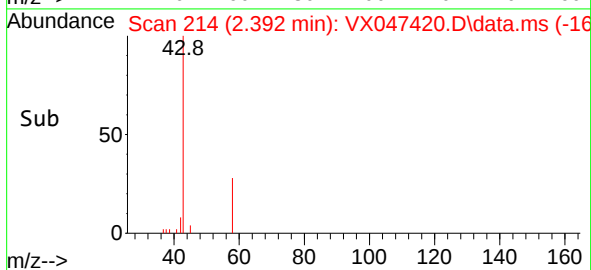
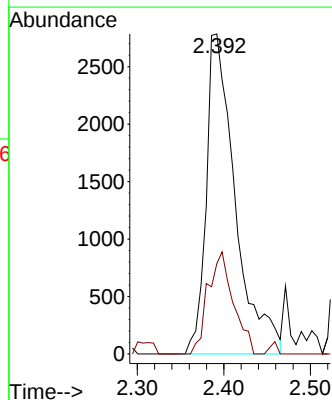
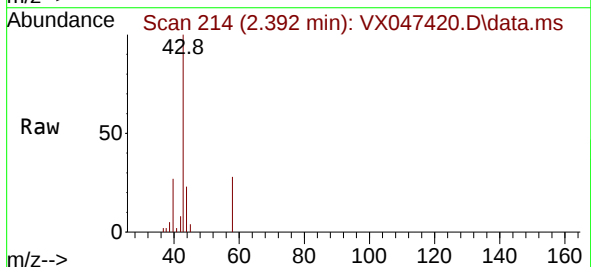
Instrument :
MSVOA_X
ClientSampleId :
DUP

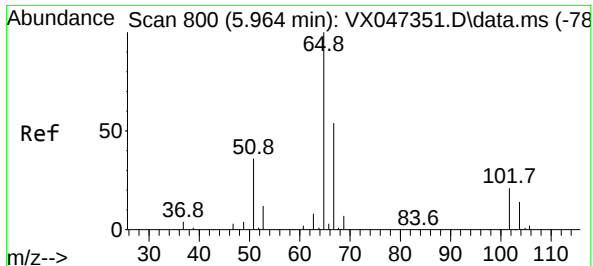
Tgt Ion:168 Resp: 215558
Ion Ratio Lower Upper
168 100
99 59.4 47.9 71.9



#16
Acetone
Concen: 5.724 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047420.D
Acq: 19 Aug 2025 18:00

Tgt Ion: 43 Resp: 6491
Ion Ratio Lower Upper
43 100
58 29.6 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 57.345 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047420.D

Acq: 19 Aug 2025 18:00

Instrument :

MSVOA_X

ClientSampleId :

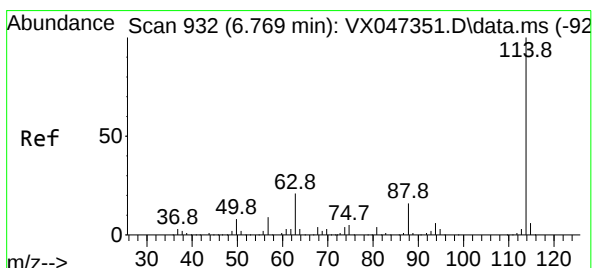
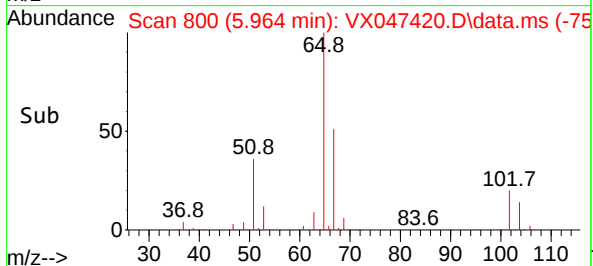
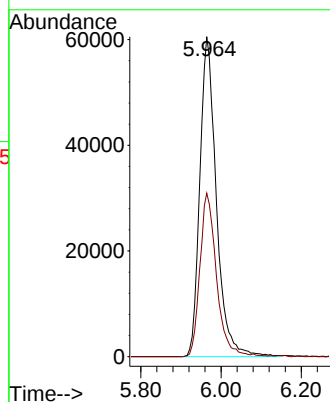
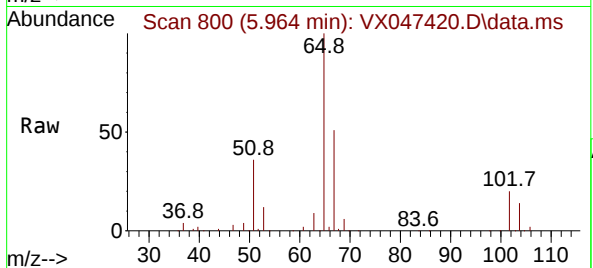
DUP

Tgt Ion: 65 Resp: 172997

Ion Ratio Lower Upper

65 100

67 51.0 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047420.D

Acq: 19 Aug 2025 18:00

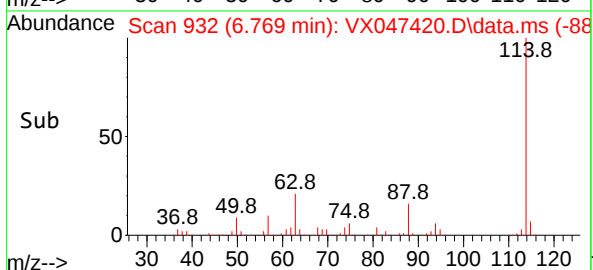
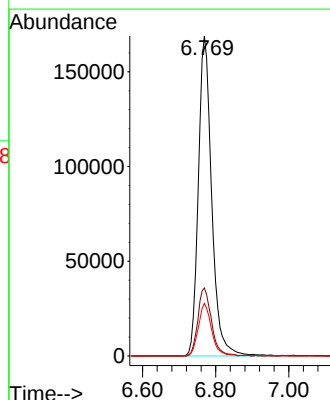
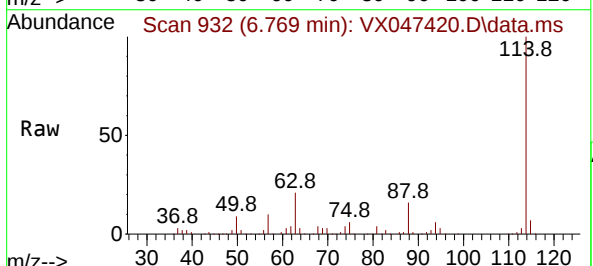
Tgt Ion: 114 Resp: 430064

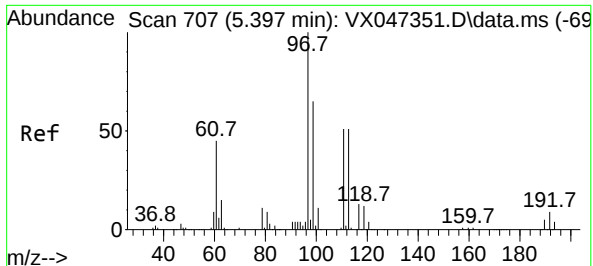
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

88 16.5 0.0 33.0

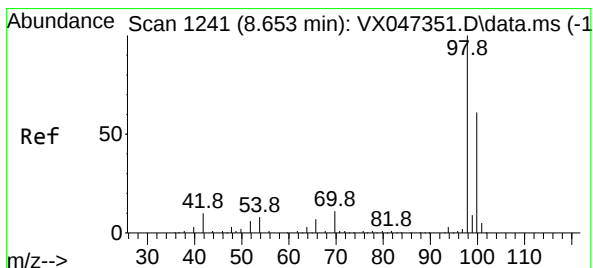
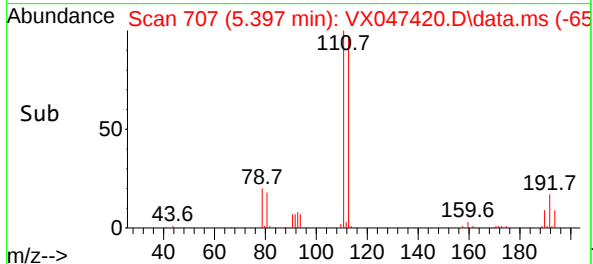
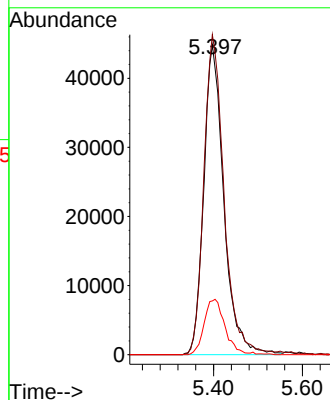
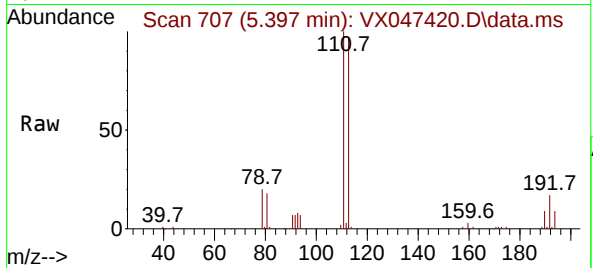




#35
Dibromofluoromethane
Concen: 50.486 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047420.D
Acq: 19 Aug 2025 18:00

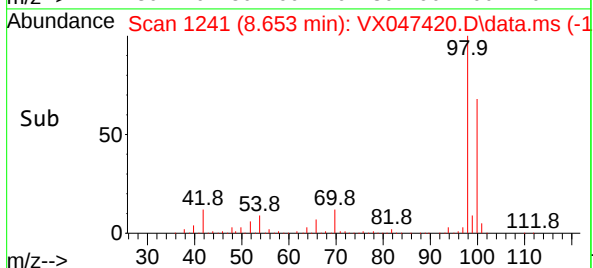
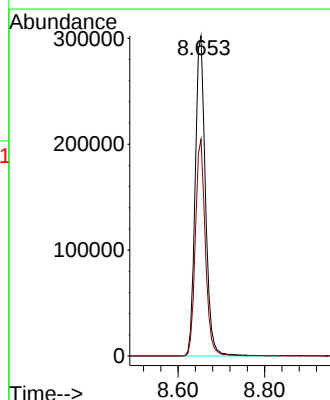
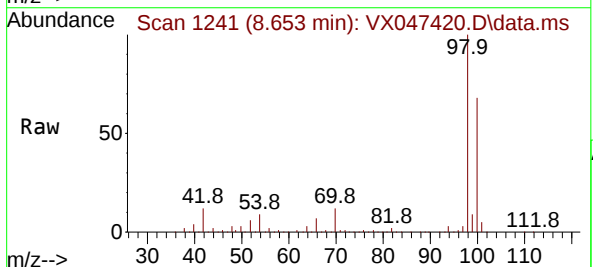
Instrument :
MSVOA_X
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DUP

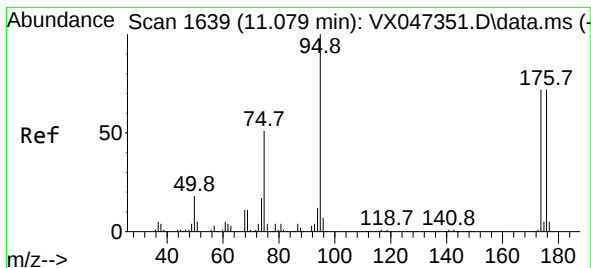
Tgt Ion:113 Resp: 140913
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.2
192 18.4 14.1 21.1



#50
Toluene-d8
Concen: 49.720 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047420.D
Acq: 19 Aug 2025 18:00

Tgt Ion: 98 Resp: 496027
Ion Ratio Lower Upper
98 100
100 66.0 53.9 80.9

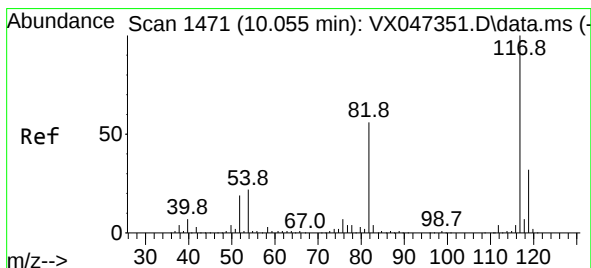
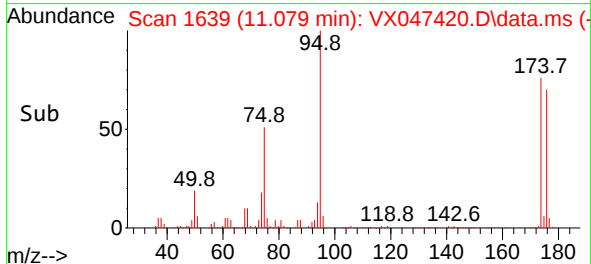
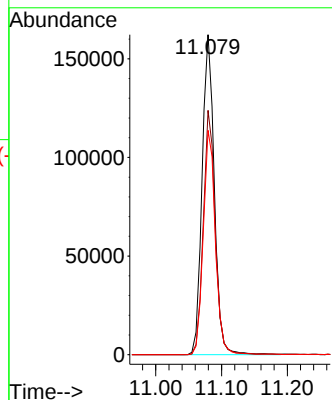
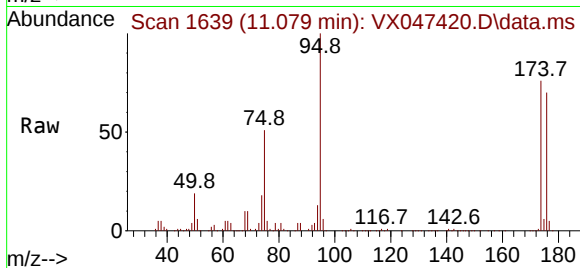




#62
4-Bromofluorobenzene
Concen: 56.903 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047420.D
Acq: 19 Aug 2025 18:00

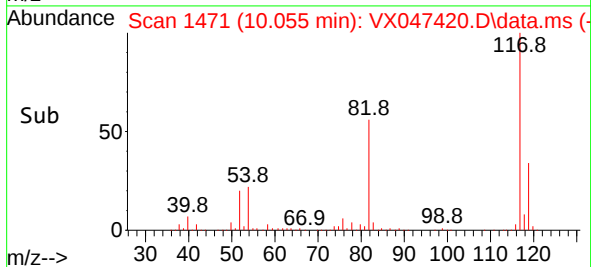
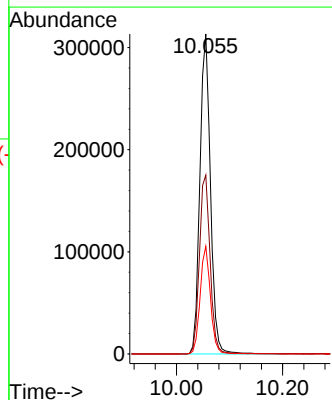
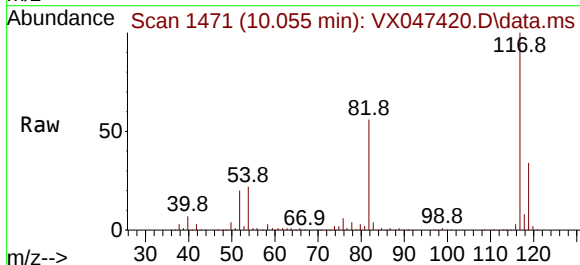
Instrument :
MSVOA_X
ClientSampleId :
DUP

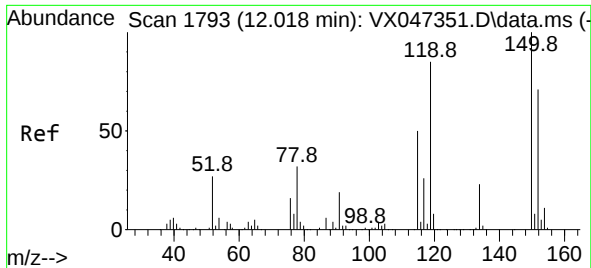
Tgt Ion: 95 Resp: 209487
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.0
176 69.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047420.D
Acq: 19 Aug 2025 18:00

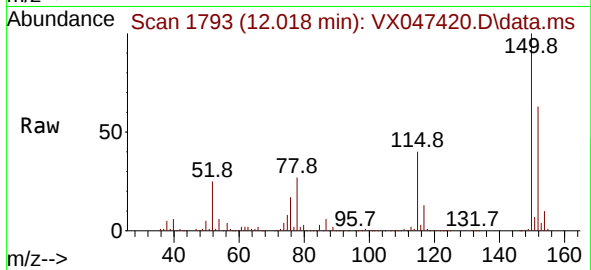
Tgt Ion: 117 Resp: 432045
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 33.7 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047420.D
 Acq: 19 Aug 2025 18:00

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP



Tgt Ion:152 Resp: 228843
 Ion Ratio Lower Upper
 152 100
 115 62.1 44.6 133.8
 150 156.0 0.0 349.8

