

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047366.D
 Acq On : 15 Aug 2025 16:36
 Operator : JC/MD
 Sample : Q2886-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT182D-TB-20250814

Quant Time: Aug 18 04:35:59 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)

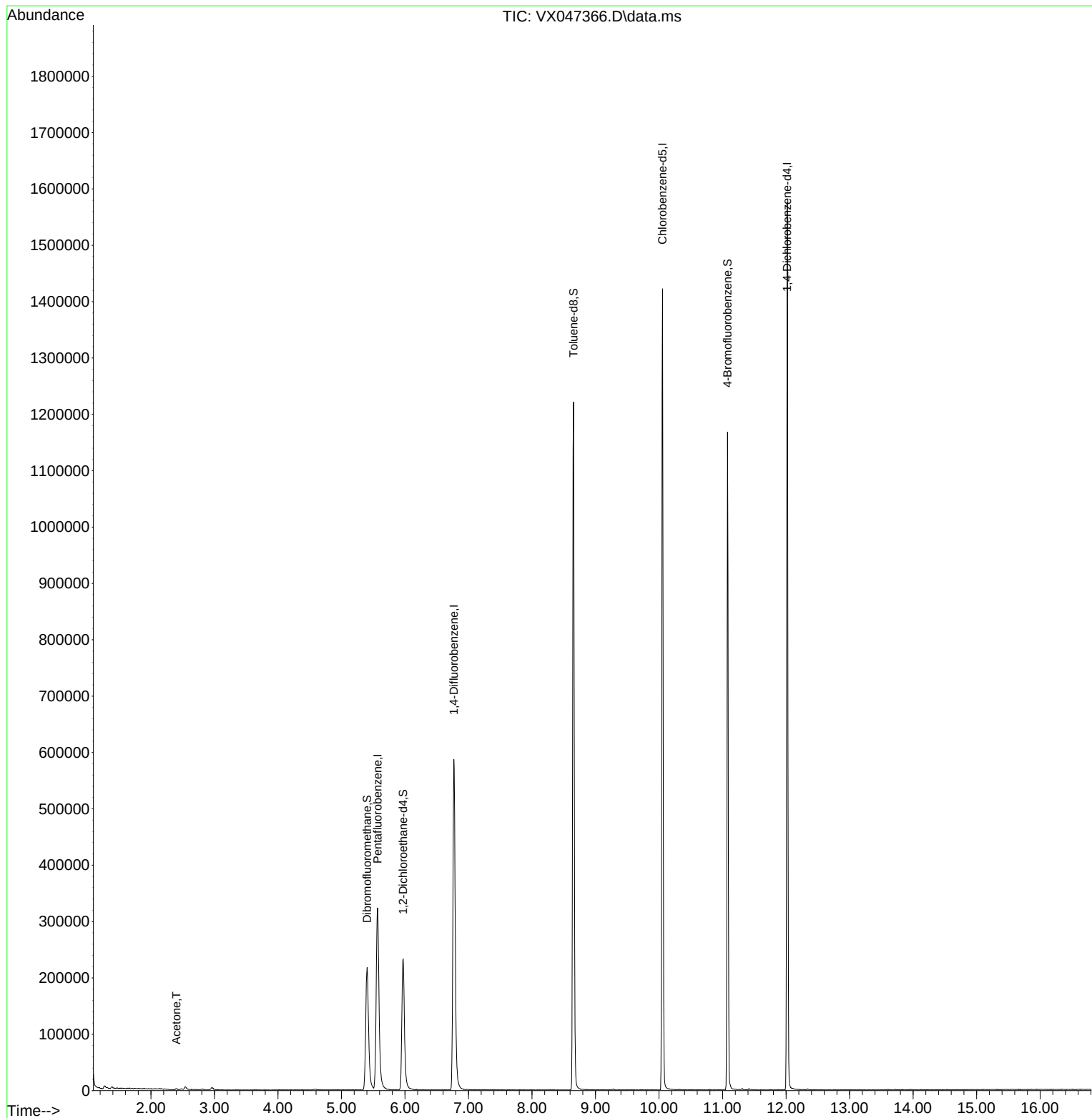
Internal Standards						
1) Pentafluorobenzene	5.568	168	322553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	632578	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	621493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	310393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	249244	55.213	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.420%	
35) Dibromofluoromethane	5.403	113	208859	50.873	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.740%	
50) Toluene-d8	8.653	98	751321	51.200	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.400%	
62) 4-Bromofluorobenzene	11.079	95	303559	56.059	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.120%	
Target Compounds						Qvalue
16) Acetone	2.398	43	3029	1.785	ug/l	91

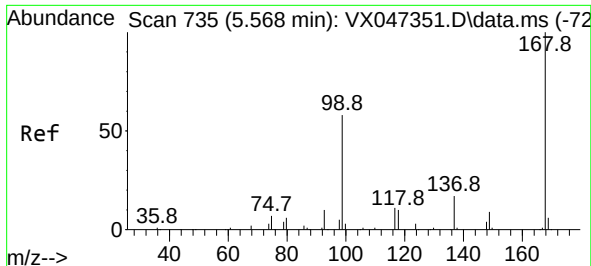
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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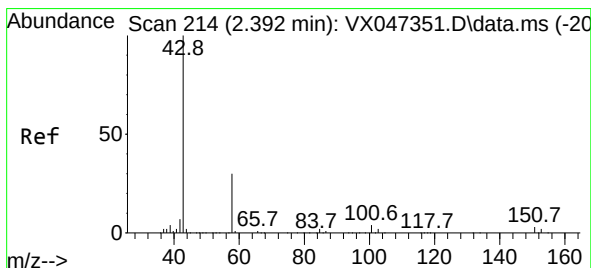
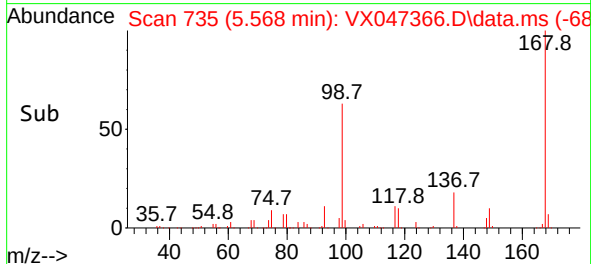
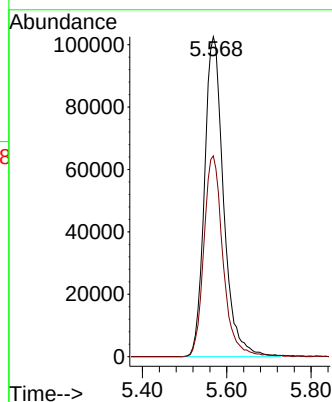
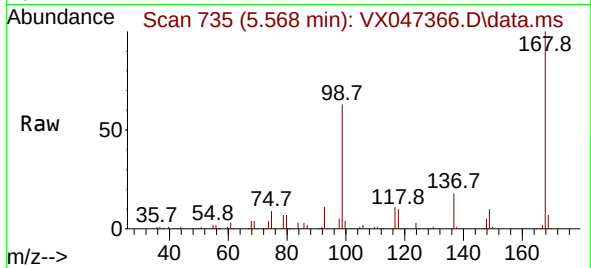




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

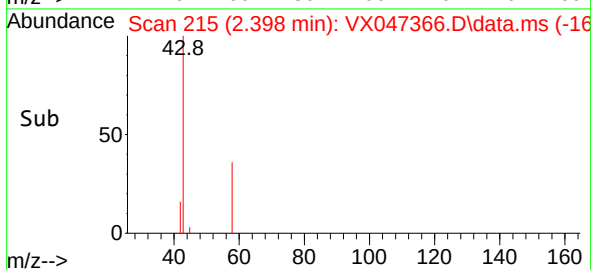
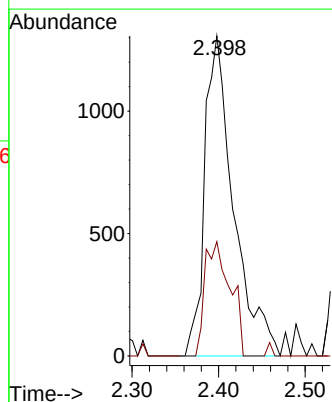
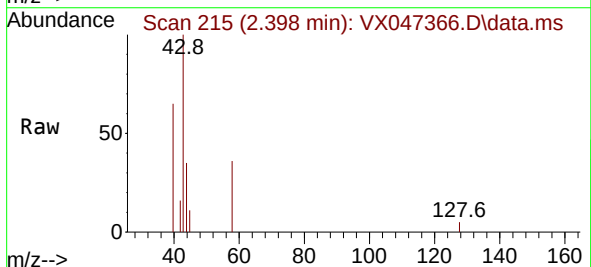
Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

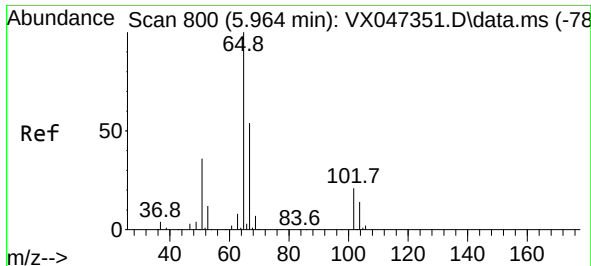
Tgt Ion:168 Resp: 322553
Ion Ratio Lower Upper
168 100
99 62.8 47.9 71.9



#16
Acetone
Concen: 1.785 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

Tgt Ion: 43 Resp: 3029
Ion Ratio Lower Upper
43 100
58 35.7 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 55.213 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX047366.D

Acq: 15 Aug 2025 16:36

Instrument :

MSVOA_X

ClientSampleId :

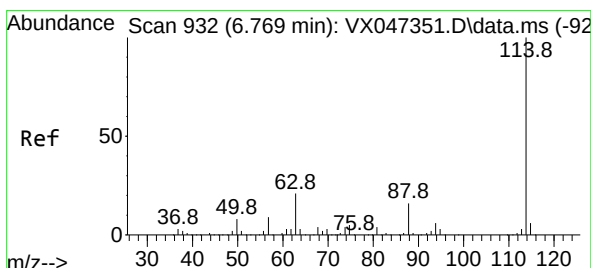
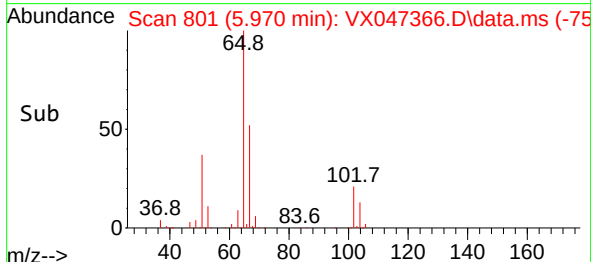
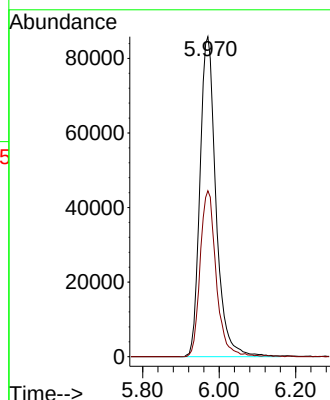
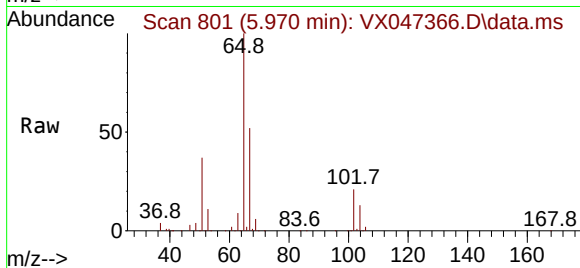
BP-TT182D-TB-20250814

Tgt Ion: 65 Resp: 249244

Ion Ratio Lower Upper

65 100

67 51.8 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: VX047366.D

Acq: 15 Aug 2025 16:36

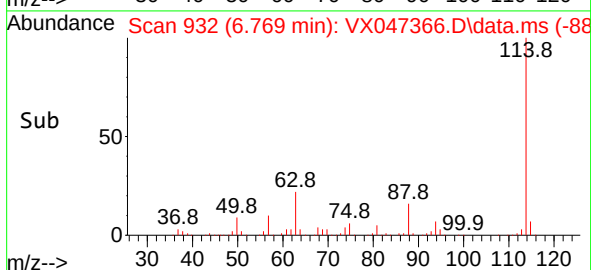
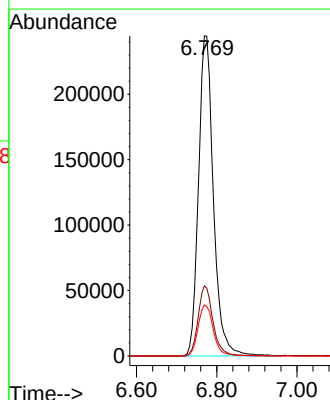
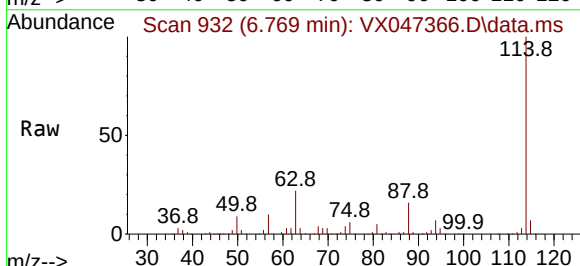
Tgt Ion: 114 Resp: 632578

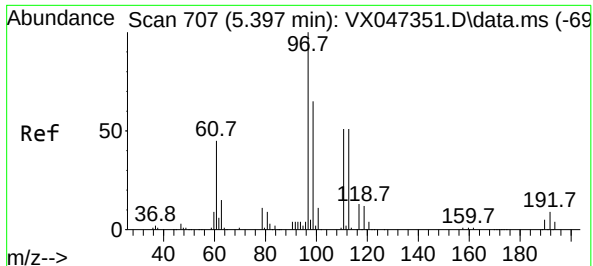
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.4

88 15.9 0.0 33.0

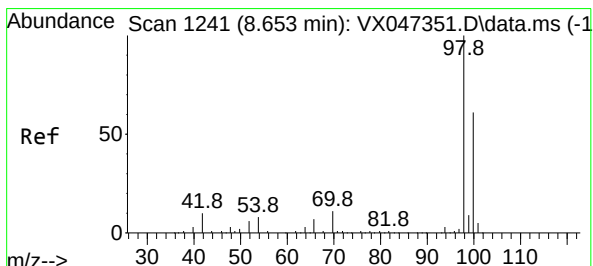
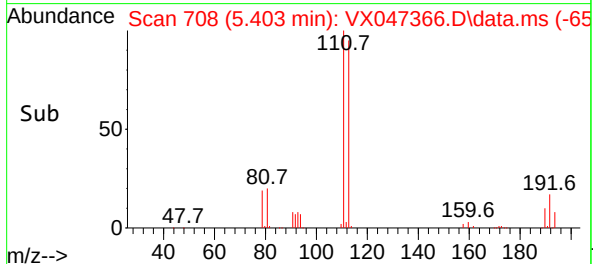
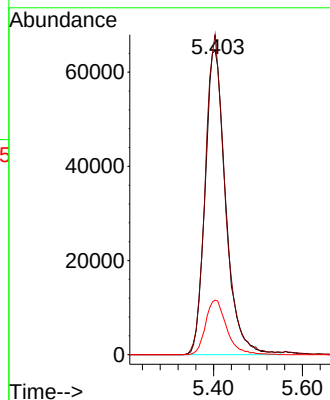
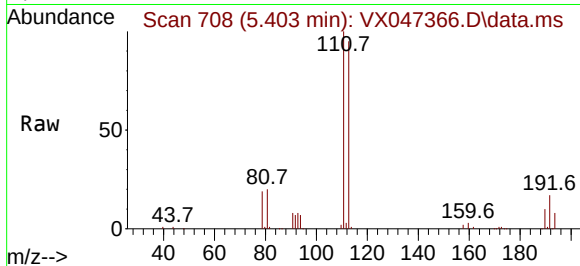




#35
Dibromofluoromethane
Concen: 50.873 ug/l
RT: 5.403 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

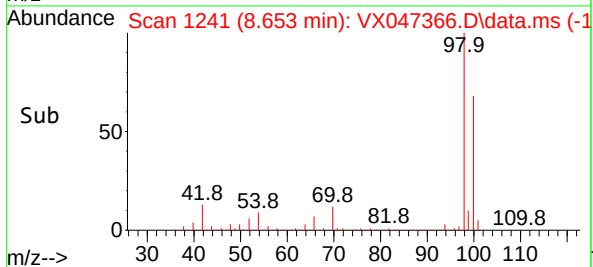
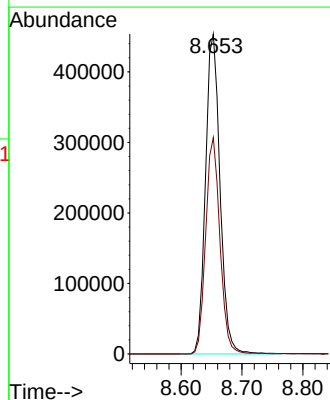
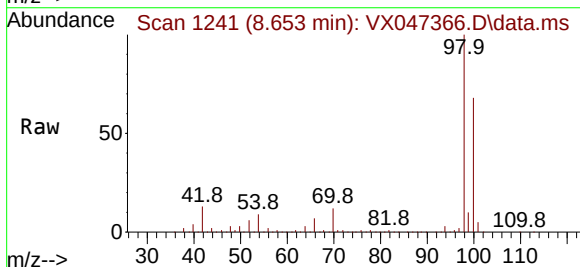
Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-TB-20250814

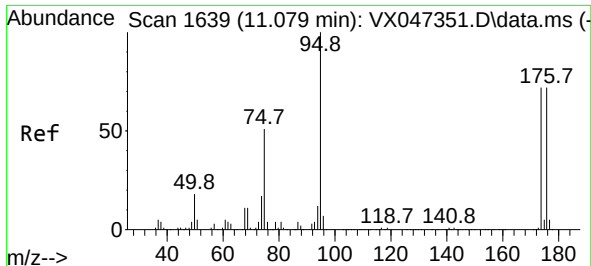
Tgt Ion:113 Resp: 208859
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.2
192 18.4 14.1 21.1



#50
Toluene-d8
Concen: 51.200 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047366.D
Acq: 15 Aug 2025 16:36

Tgt Ion: 98 Resp: 751321
Ion Ratio Lower Upper
98 100
100 66.4 53.9 80.9





#62

4-Bromofluorobenzene

Concen: 56.059 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047366.D

Acq: 15 Aug 2025 16:36

Instrument :

MSVOA_X

ClientSampleId :

BP-TT182D-TB-20250814

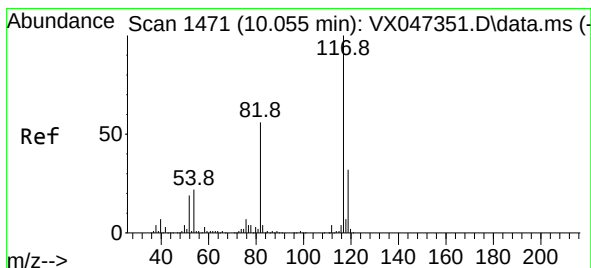
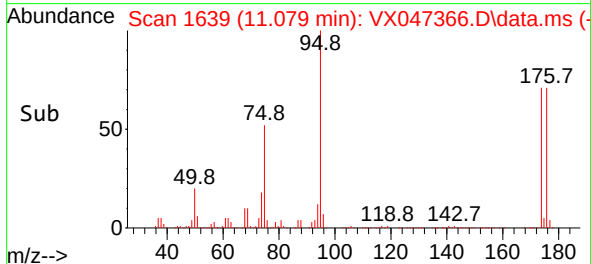
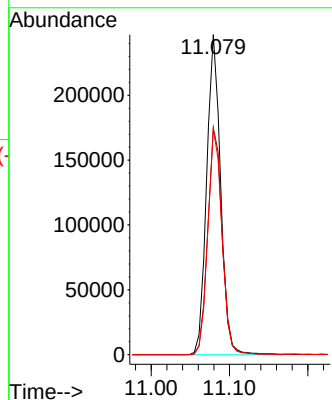
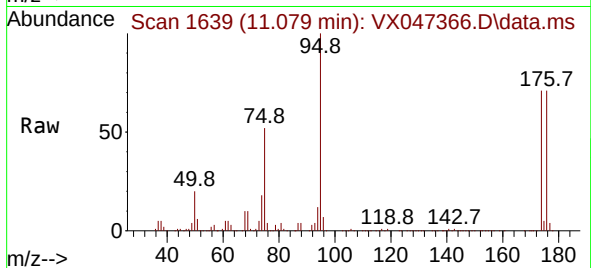
Tgt Ion: 95 Resp: 303559

Ion Ratio Lower Upper

95 100

174 73.4 0.0 148.0

176 71.7 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: VX047366.D

Acq: 15 Aug 2025 16:36

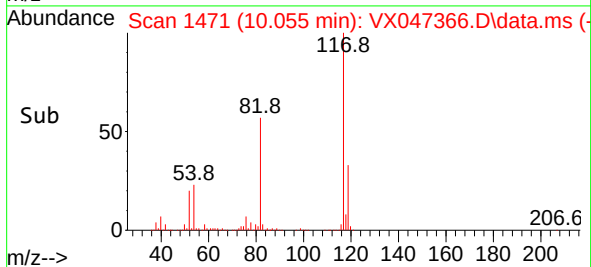
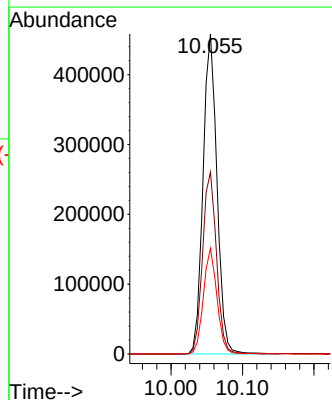
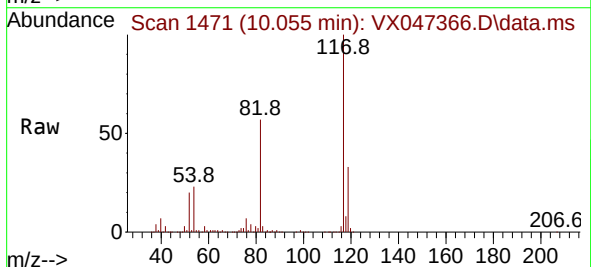
Tgt Ion: 117 Resp: 621493

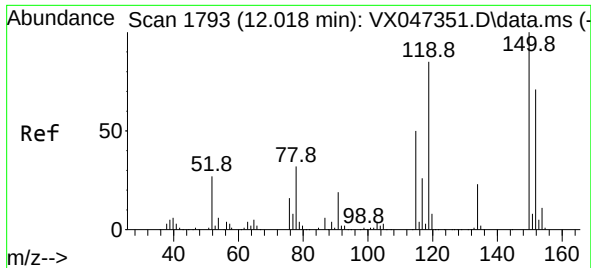
Ion Ratio Lower Upper

117 100

82 56.8 45.0 67.4

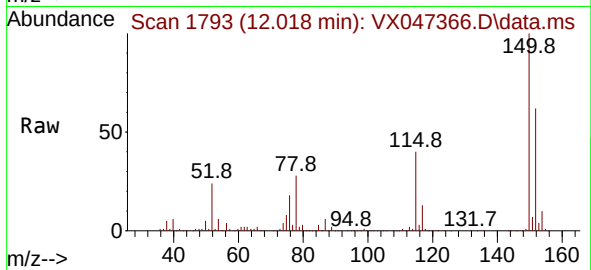
119 33.0 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047366.D
 Acq: 15 Aug 2025 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT182D-TB-20250814



Tgt Ion:152 Resp: 310393
 Ion Ratio Lower Upper
 152 100
 115 61.7 44.6 133.8
 150 157.7 0.0 349.8

