

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047387.D
 Acq On : 18 Aug 2025 17:01
 Operator : JC/MD
 Sample : Q2815-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-22M-S

Quant Time: Aug 19 01:46:09 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)

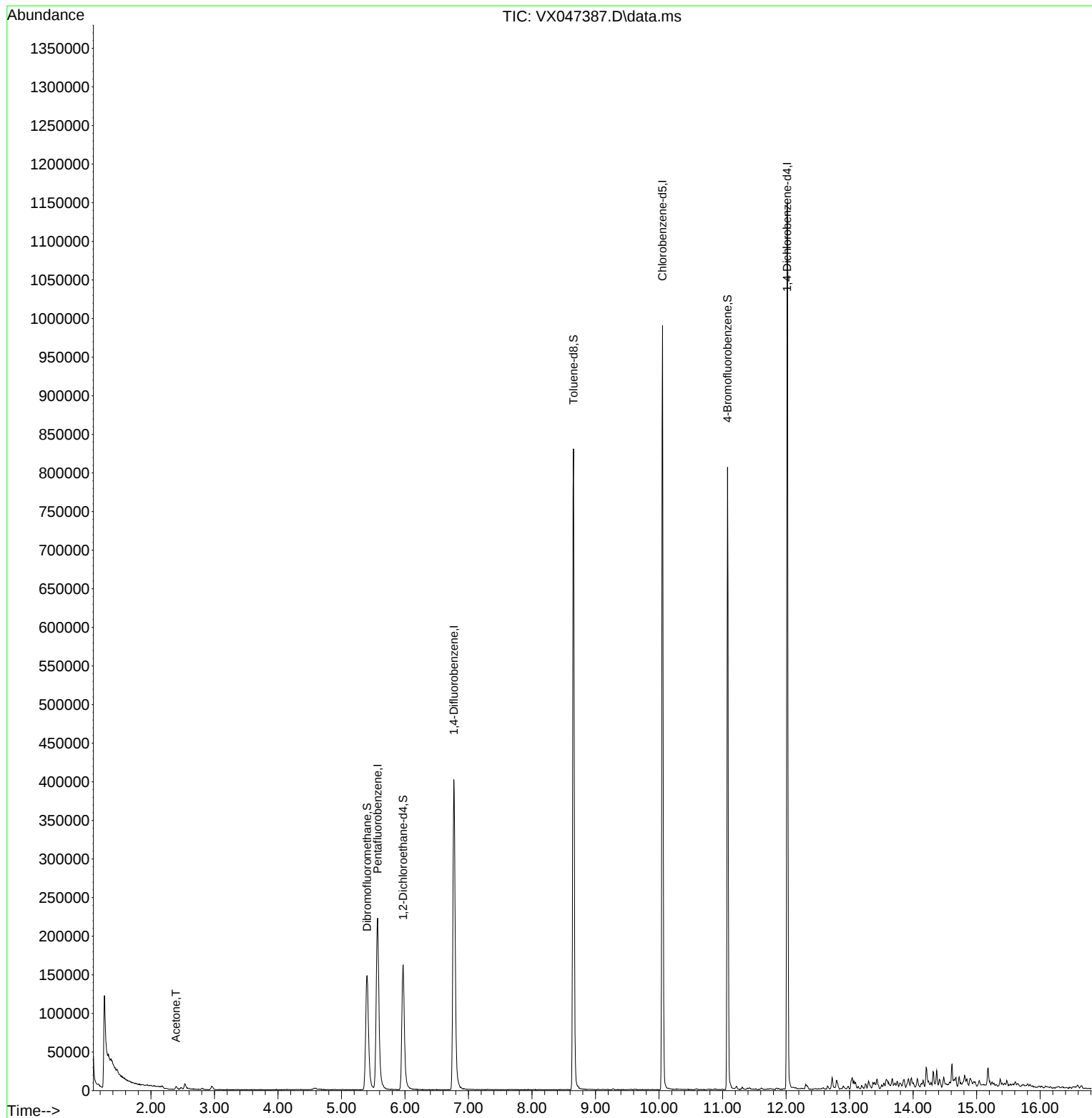
Internal Standards						
1) Pentafluorobenzene	5.568	168	219459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	426598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	438628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	230333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	173366	56.445	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	112.900%	
35) Dibromofluoromethane	5.403	113	141736	51.193	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.380%	
50) Toluene-d8	8.653	98	507932	51.327	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	102.660%	
62) 4-Bromofluorobenzene	11.079	95	213430	58.445	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	116.900%	
Target Compounds						
16) Acetone	2.392	43	5209	4.512	ug/l	Qvalue # 88

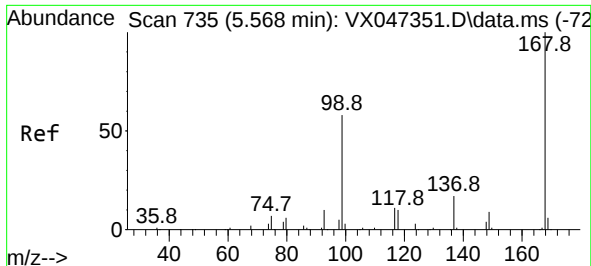
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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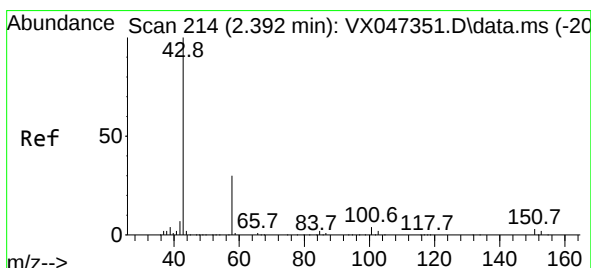
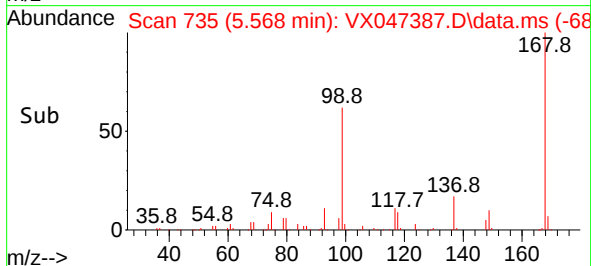
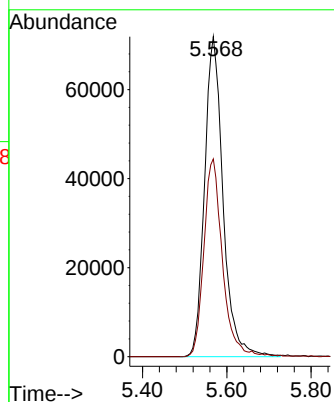
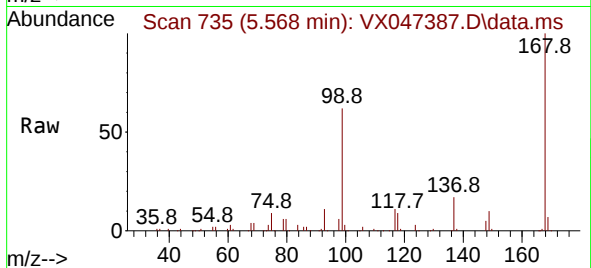




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047387.D
Acq: 18 Aug 2025 17:01

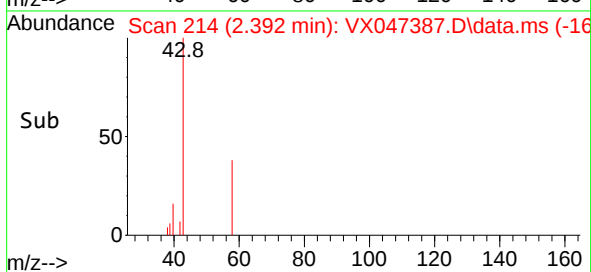
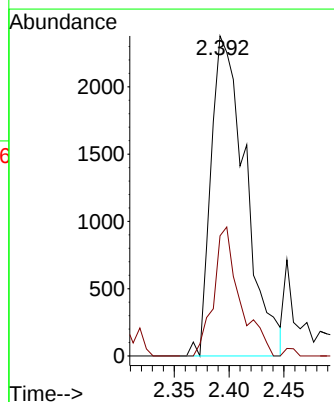
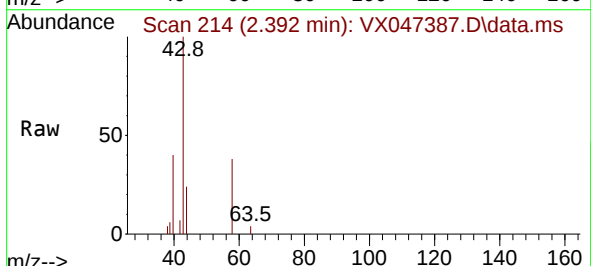
Instrument :
MSVOA_X
ClientSampleId :
TW-22M-S

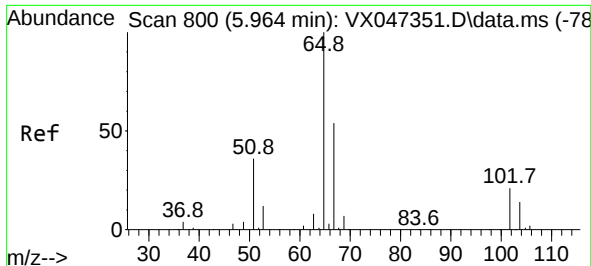
Tgt Ion:168 Resp: 219459
Ion Ratio Lower Upper
168 100
99 61.8 47.9 71.9



#16
Acetone
Concen: 4.512 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047387.D
Acq: 18 Aug 2025 17:01

Tgt Ion: 43 Resp: 5209
Ion Ratio Lower Upper
43 100
58 37.6 24.8 37.2#

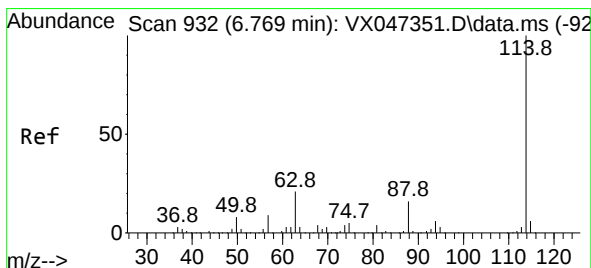
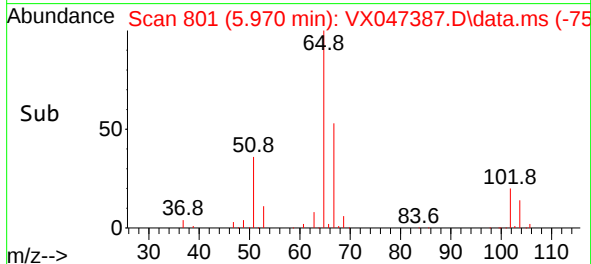
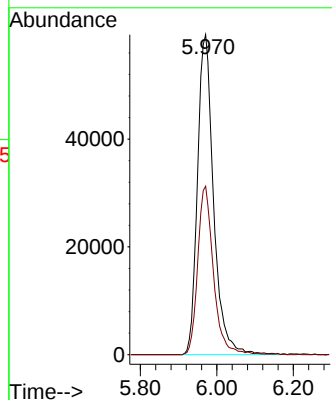
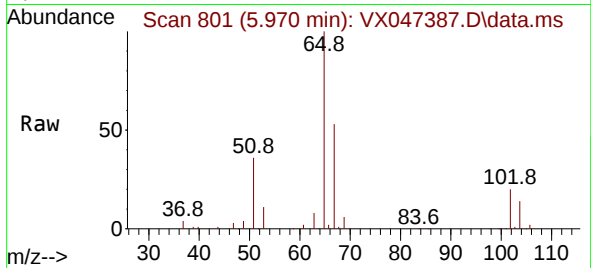




#33
 1,2-Dichloroethane-d4
 Concen: 56.445 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047387.D
 Acq: 18 Aug 2025 17:01

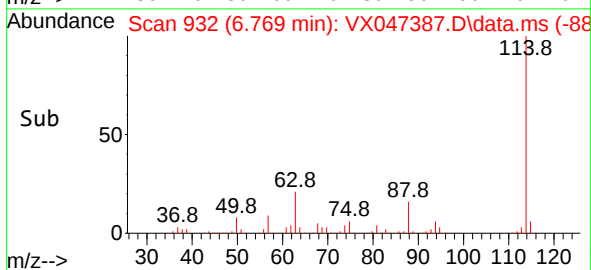
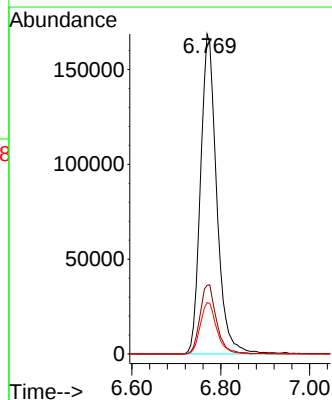
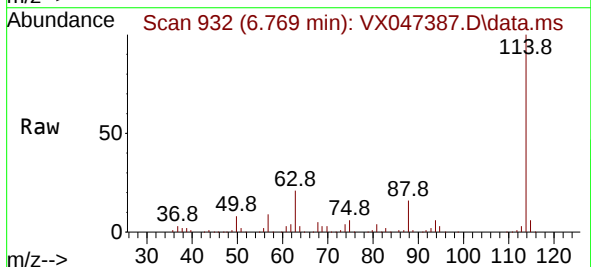
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-22M-S

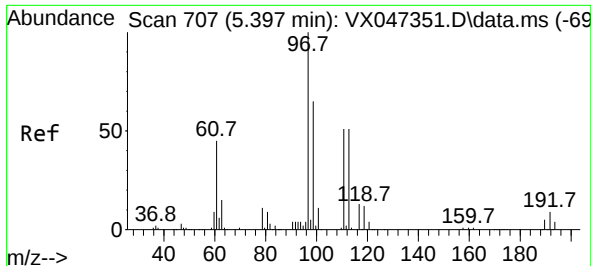
Tgt Ion: 65 Resp: 173366
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047387.D
 Acq: 18 Aug 2025 17:01

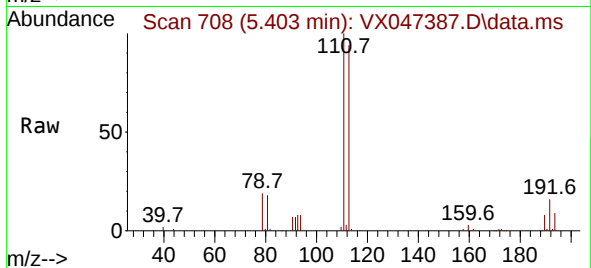
Tgt Ion: 114 Resp: 426598
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.4
 88 16.0 0.0 33.0



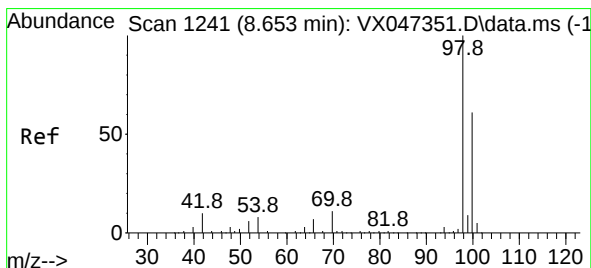
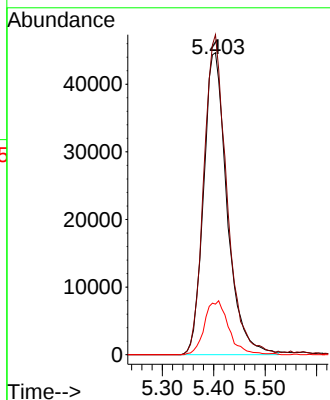
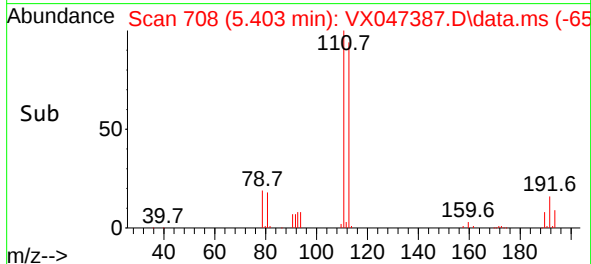


#35
Dibromofluoromethane
Concen: 51.193 ug/l
RT: 5.403 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047387.D
Acq: 18 Aug 2025 17:01

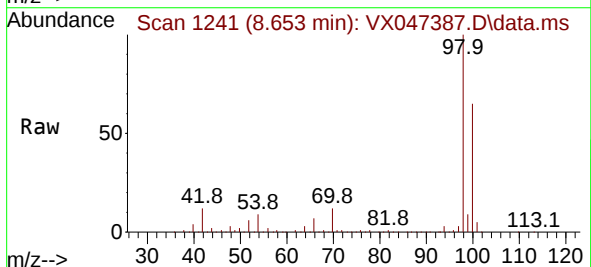
Instrument :
MSVOA_X
ClientSampleId :
TW-22M-S



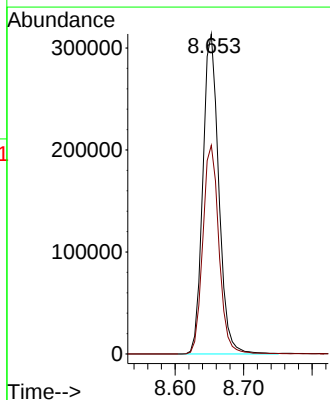
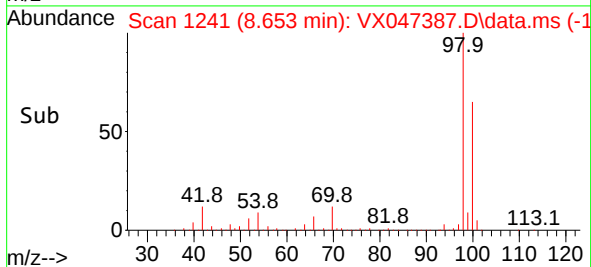
Tgt Ion:113 Resp: 141736
Ion Ratio Lower Upper
113 100
111 104.2 81.4 122.2
192 18.3 14.1 21.1

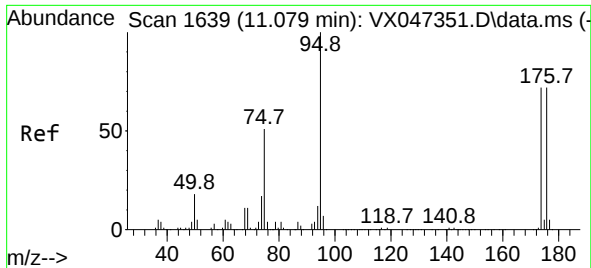


#50
Toluene-d8
Concen: 51.327 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047387.D
Acq: 18 Aug 2025 17:01



Tgt Ion: 98 Resp: 507932
Ion Ratio Lower Upper
98 100
100 66.0 53.9 80.9

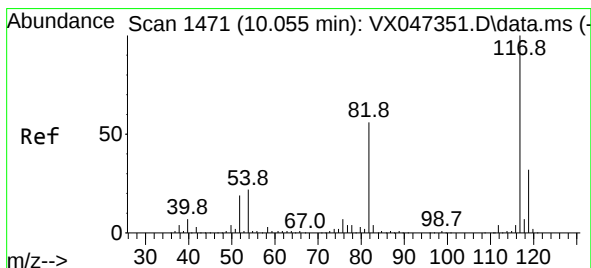
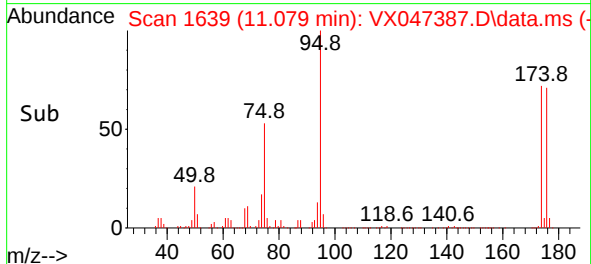
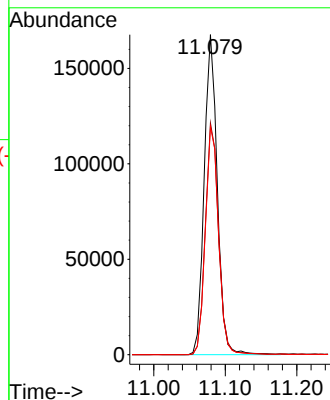
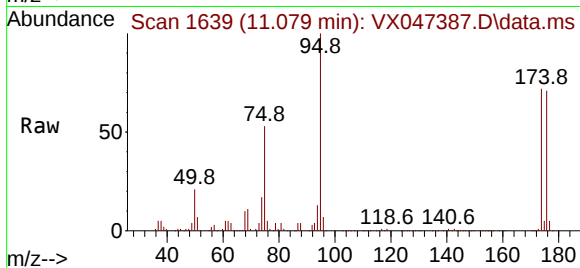




#62
4-Bromofluorobenzene
Concen: 58.445 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047387.D
Acq: 18 Aug 2025 17:01

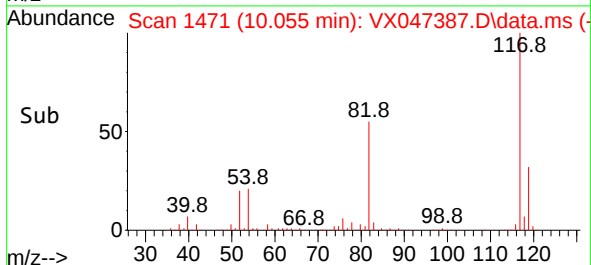
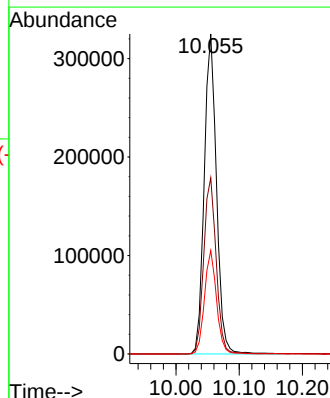
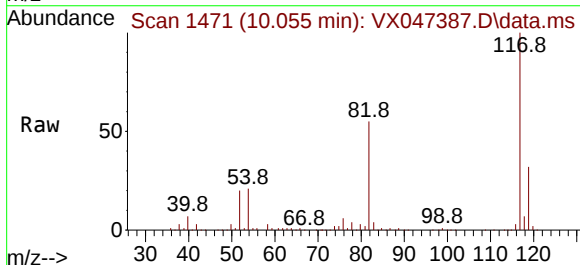
Instrument :
MSVOA_X
ClientSampleId :
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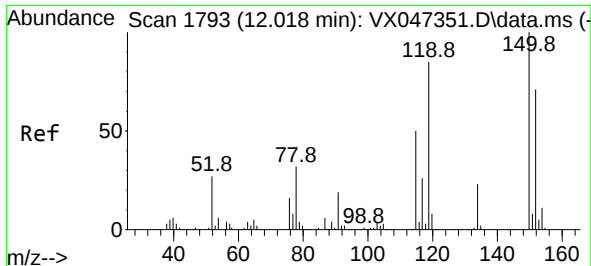
Tgt Ion: 95 Resp: 213430
Ion Ratio Lower Upper
95 100
174 73.2 0.0 148.0
176 72.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047387.D
Acq: 18 Aug 2025 17:01

Tgt Ion: 117 Resp: 438628
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.4
119 32.3 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: VX047387.D

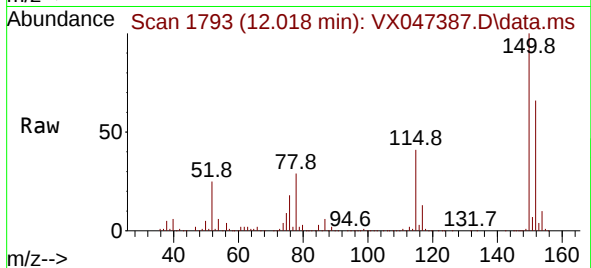
Acq: 18 Aug 2025 17:01

Instrument :

MSVOA_X

ClientSampleId :

TW-22M-S



Tgt Ion:152 Resp: 230333

Ion Ratio Lower Upper

152 100

115 60.8 44.6 133.8

150 154.4 0.0 349.8

