

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047378.D
 Acq On : 18 Aug 2025 13:48
 Operator : JC/MD
 Sample : Q2815-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10PC-W

Quant Time: Aug 19 01:42:08 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)

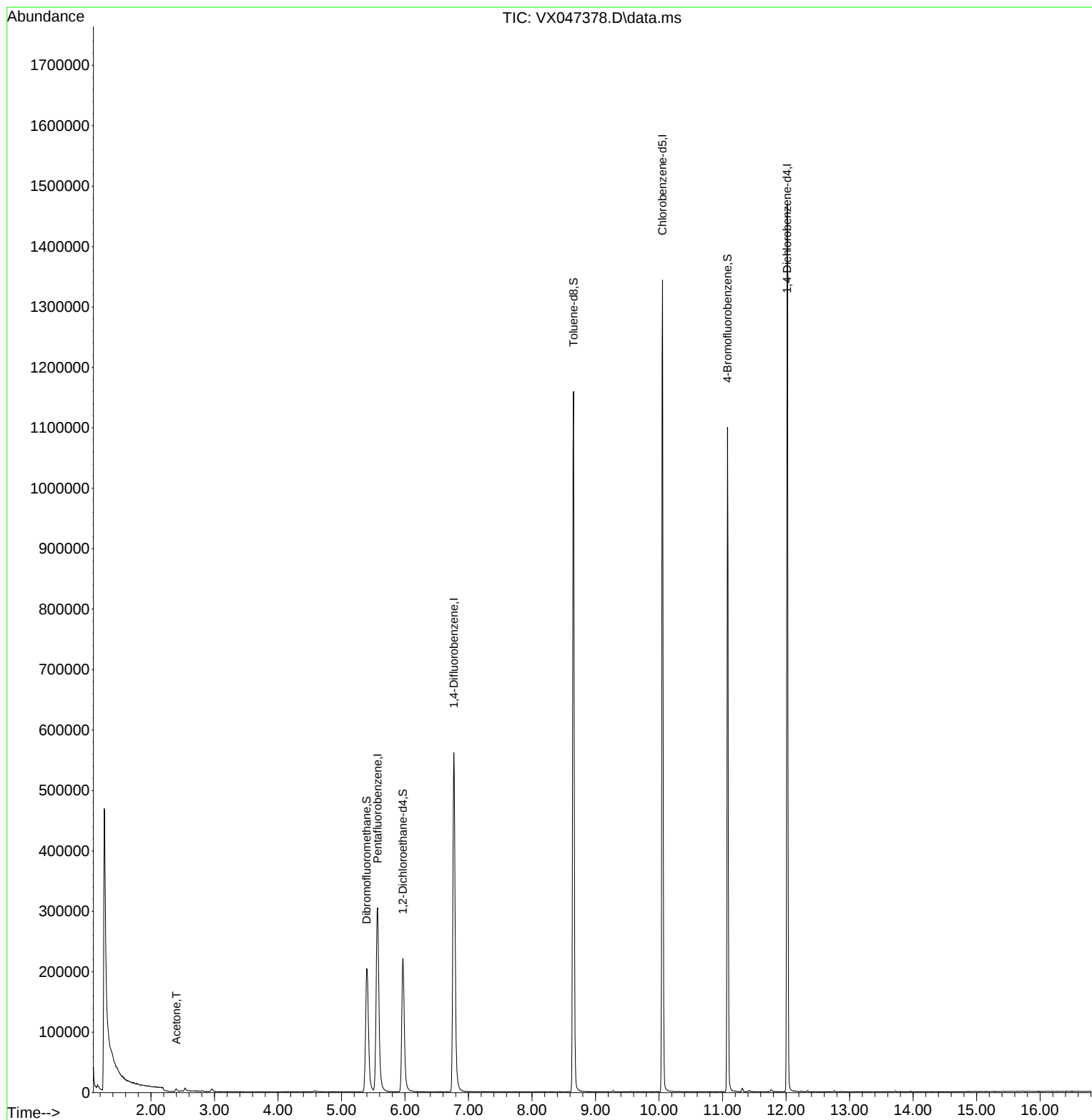
Internal Standards						
1) Pentafluorobenzene	5.568	168	302793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	599218	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	594774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	292088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	231927	54.730	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.460%	
35) Dibromofluoromethane	5.397	113	196571	50.546	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.100%	
50) Toluene-d8	8.653	98	705715	50.770	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	11.079	95	286508	55.855	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.720%	
Target Compounds						
16) Acetone	2.398	43	6754	4.240	ug/l	Qvalue # 81

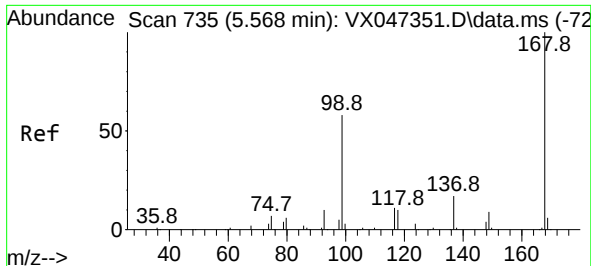
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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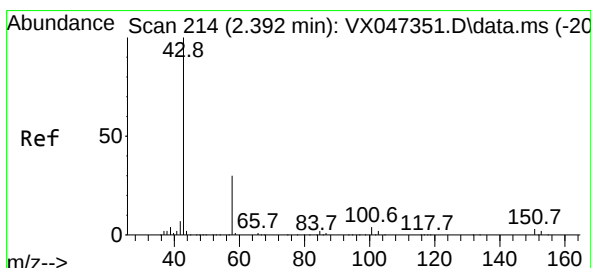
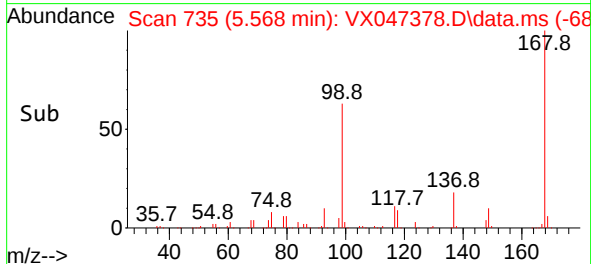
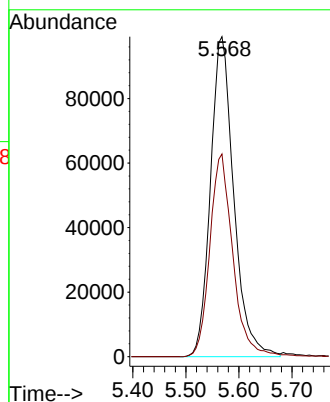
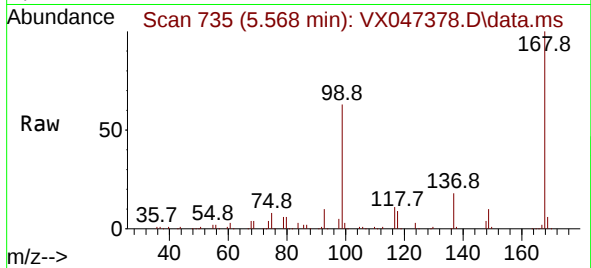




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047378.D
Acq: 18 Aug 2025 13:48

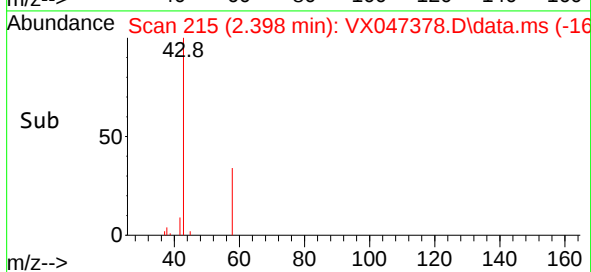
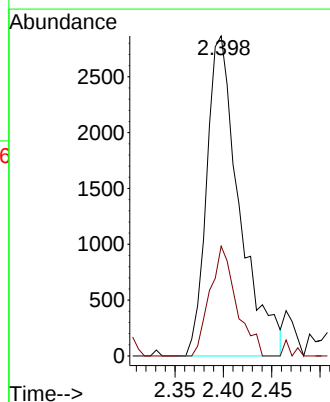
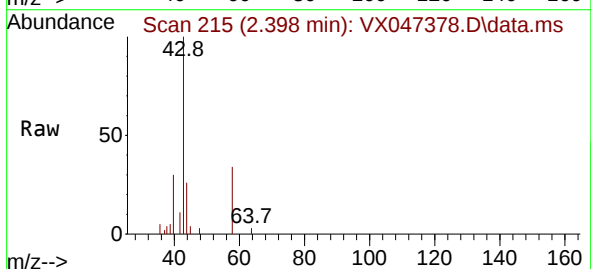
Instrument :
MSVOA_X
ClientSampleId :
TW-10PC-W

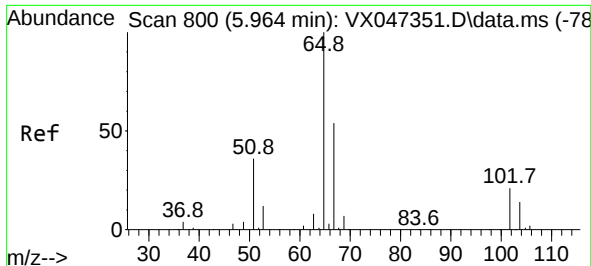
Tgt Ion:168 Resp: 302793
Ion Ratio Lower Upper
168 100
99 63.4 47.9 71.9



#16
Acetone
Concen: 4.240 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047378.D
Acq: 18 Aug 2025 13:48

Tgt Ion: 43 Resp: 6754
Ion Ratio Lower Upper
43 100
58 41.7 24.8 37.2#

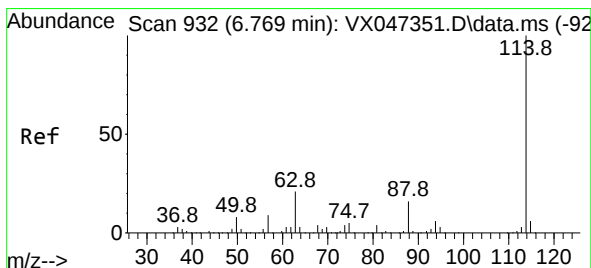
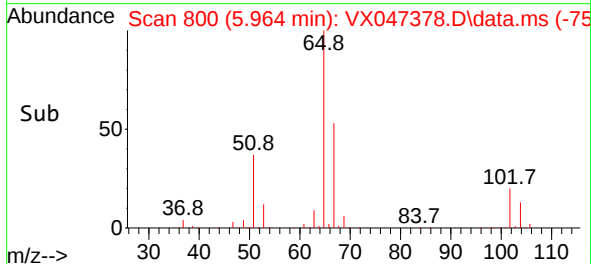
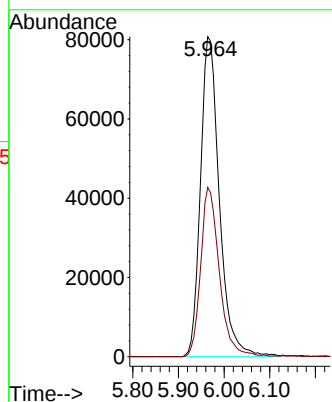
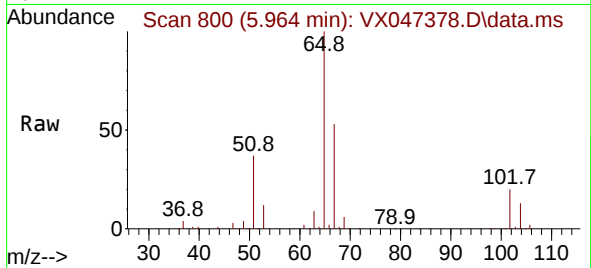




#33
 1,2-Dichloroethane-d4
 Concen: 54.730 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX047378.D
 Acq: 18 Aug 2025 13:48

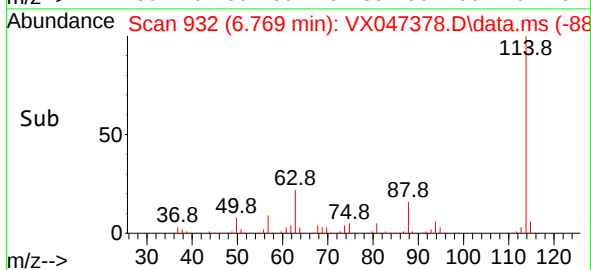
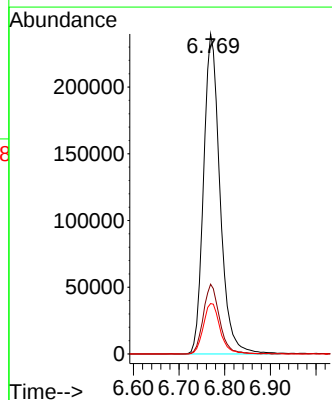
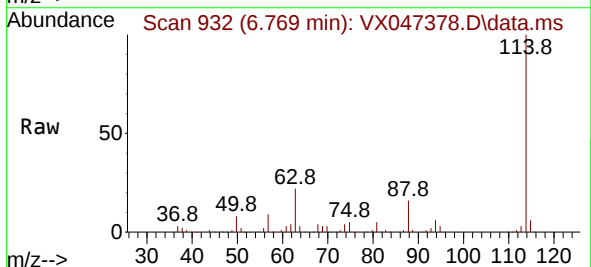
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10PC-W

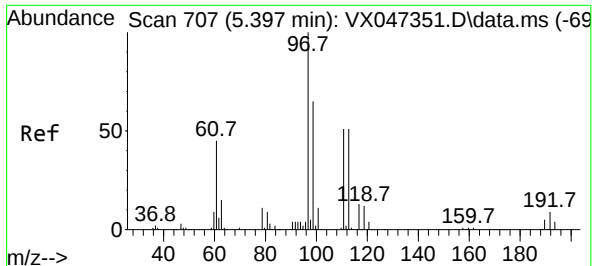
Tgt Ion: 65 Resp: 231927
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX047378.D
 Acq: 18 Aug 2025 13:48

Tgt Ion: 114 Resp: 599218
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.4
 88 15.8 0.0 33.0

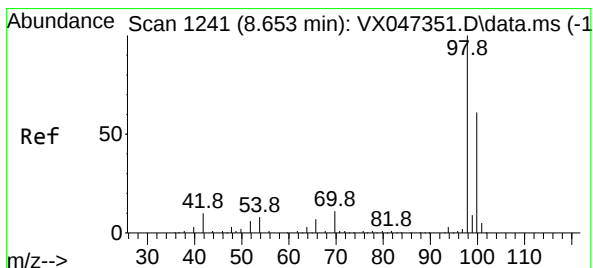
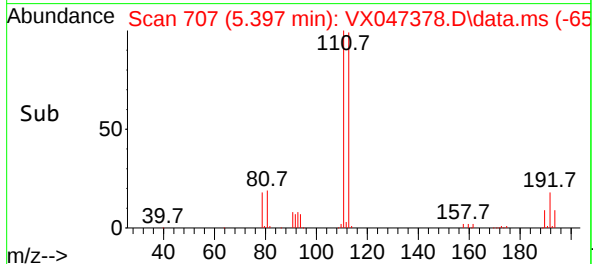
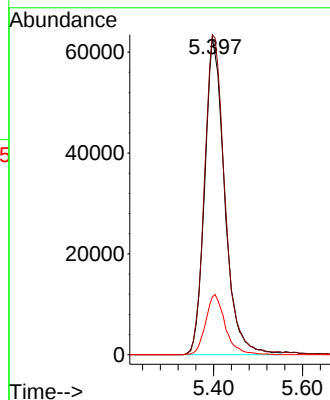
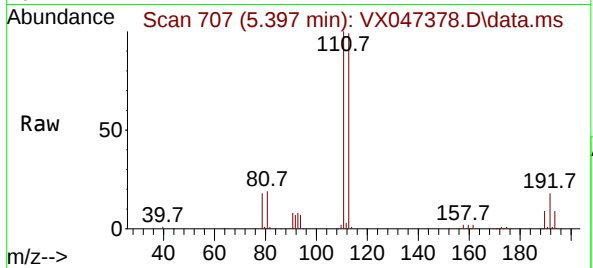




#35
Dibromofluoromethane
Concen: 50.546 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047378.D
Acq: 18 Aug 2025 13:48

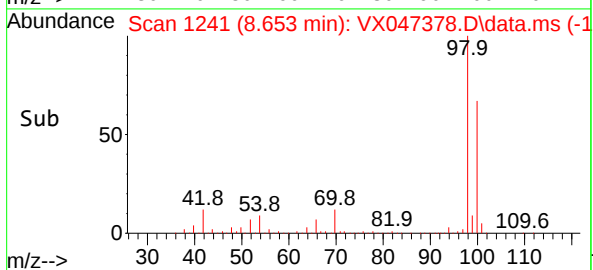
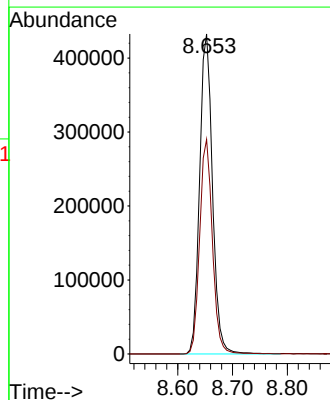
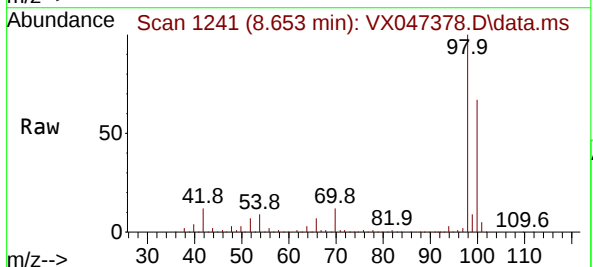
Instrument :
MSVOA_X
ClientSampleId :
TW-10PC-W

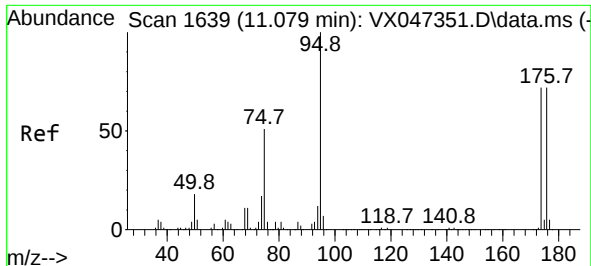
Tgt Ion:113 Resp: 196571
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.2
192 18.7 14.1 21.1



#50
Toluene-d8
Concen: 50.770 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX047378.D
Acq: 18 Aug 2025 13:48

Tgt Ion: 98 Resp: 705715
Ion Ratio Lower Upper
98 100
100 66.3 53.9 80.9

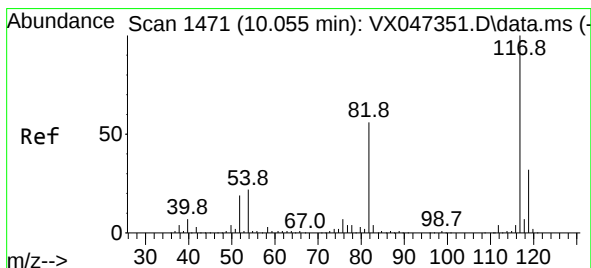
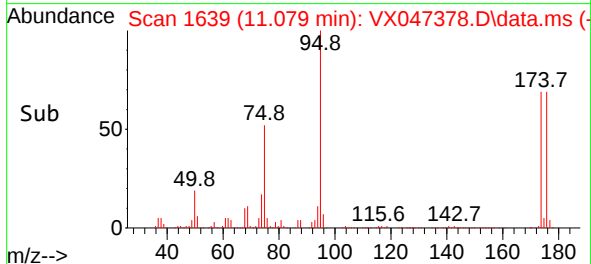
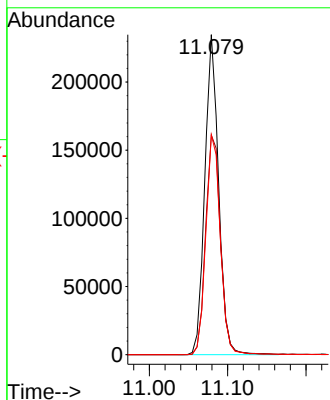
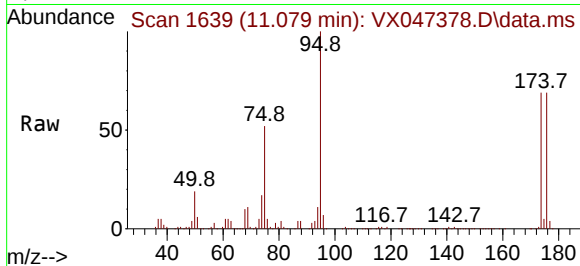




#62
4-Bromofluorobenzene
Concen: 55.855 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047378.D
Acq: 18 Aug 2025 13:48

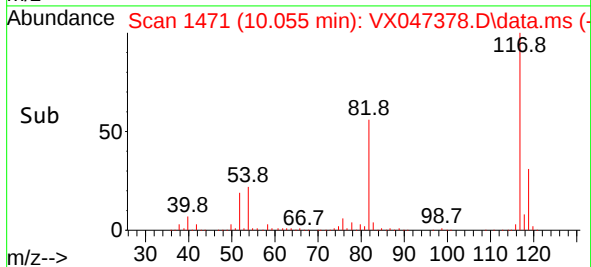
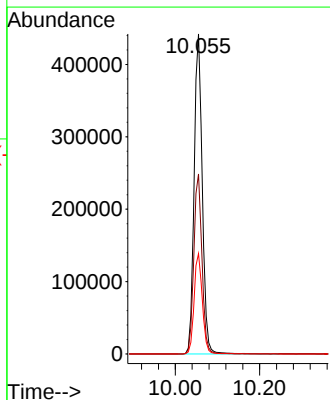
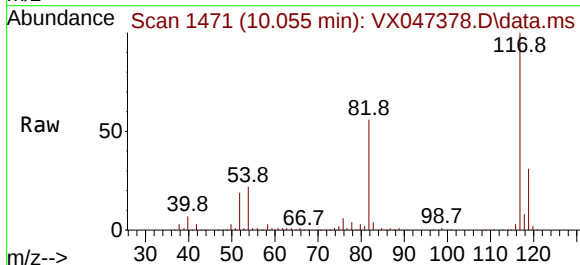
Instrument :
MSVOA_X
ClientSampleId :
TW-10PC-W

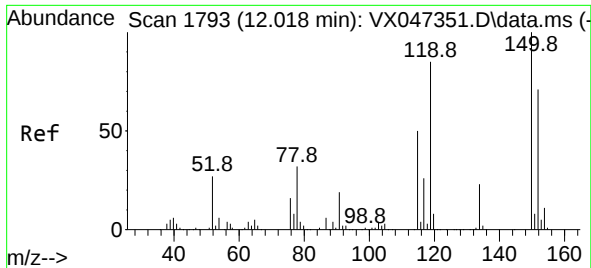
Tgt Ion: 95 Resp: 286508
Ion Ratio Lower Upper
95 100
174 73.9 0.0 148.0
176 72.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047378.D
Acq: 18 Aug 2025 13:48

Tgt Ion: 117 Resp: 594774
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 31.3 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: VX047378.D

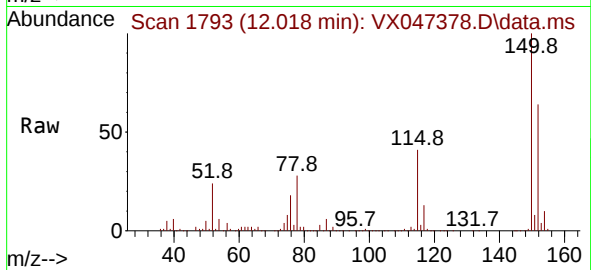
Acq: 18 Aug 2025 13:48

Instrument :

MSVOA_X

ClientSampleId :

TW-10PC-W



Tgt Ion:152 Resp: 292088

Ion Ratio Lower Upper

152 100

115 62.6 44.6 133.8

150 157.7 0.0 349.8

