

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047293.D
 Acq On : 12 Aug 2025 13:51
 Operator : JC/MD
 Sample : Q2814-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-17M-W

Quant Time: Aug 13 01:20:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

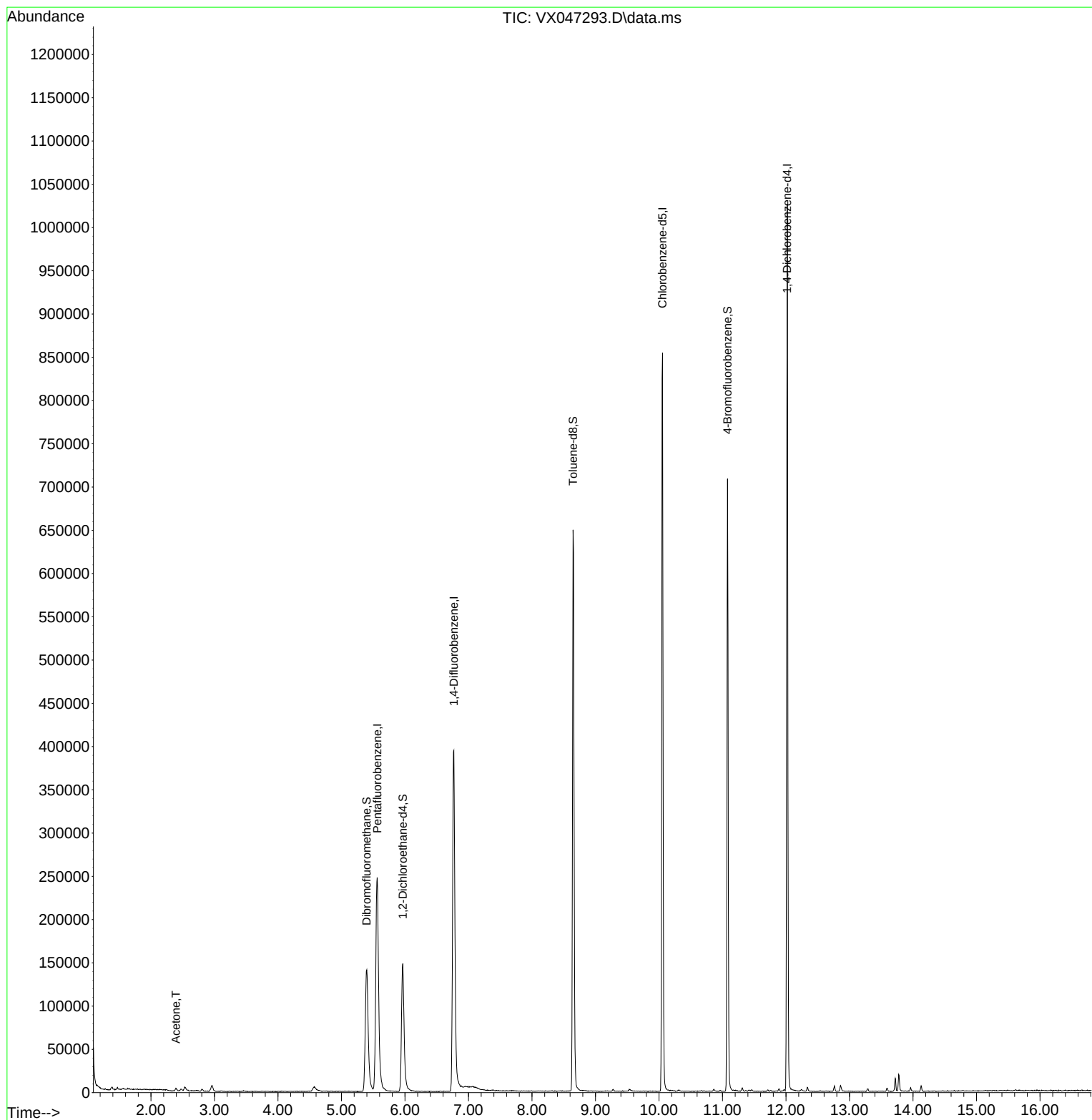
Internal Standards						
1) Pentafluorobenzene	5.562	168	250644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	435165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	200683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155908	49.935	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.860%
35) Dibromofluoromethane	5.398	113	140298	52.217	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.440%
50) Toluene-d8	8.647	98	396744	45.596	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.200%#
62) 4-Bromofluorobenzene	11.079	95	192896	51.442	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.880%
Target Compounds						
16) Acetone	2.392	43	5610	4.485	ug/l	Qvalue 90

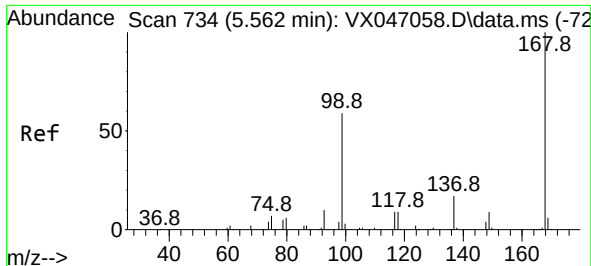
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047293.D
Acq: 12 Aug 2025 13:51

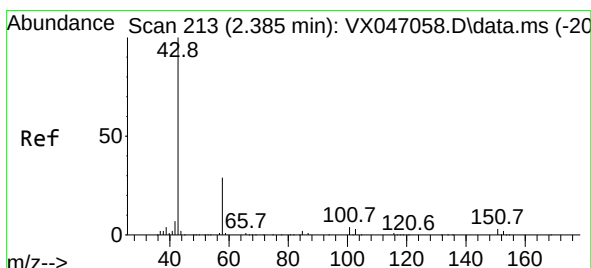
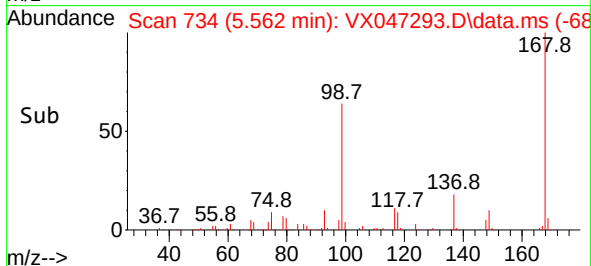
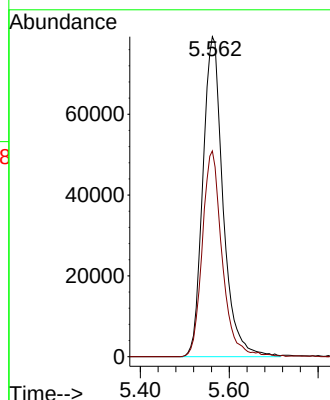
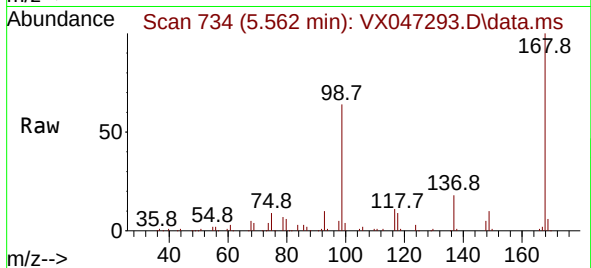
Instrument :

MSVOA_X

ClientSampleId :

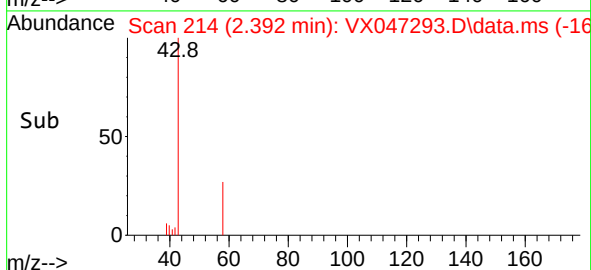
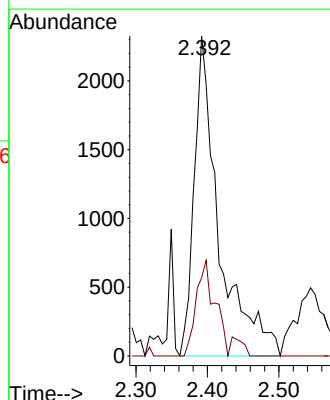
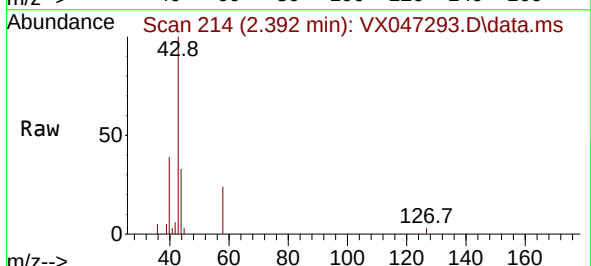
TW-17M-W

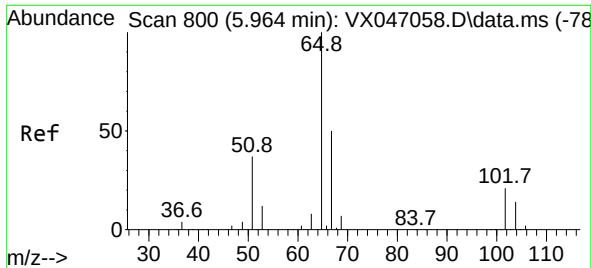
Tgt Ion:168 Resp: 250644
Ion Ratio Lower Upper
168 100
99 64.3 48.0 72.0



#16
Acetone
Concen: 4.485 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047293.D
Acq: 12 Aug 2025 13:51

Tgt Ion: 43 Resp: 5610
Ion Ratio Lower Upper
43 100
58 24.5 24.0 36.0

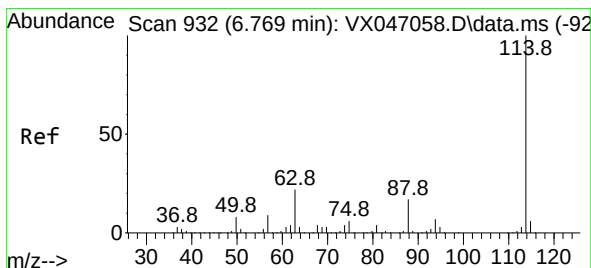
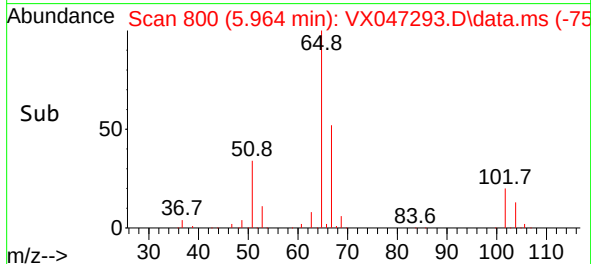
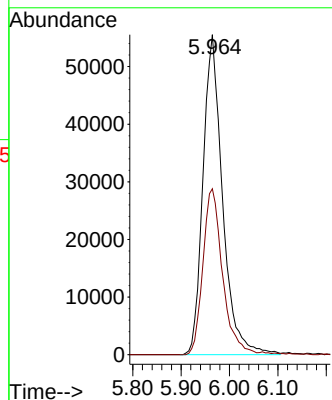
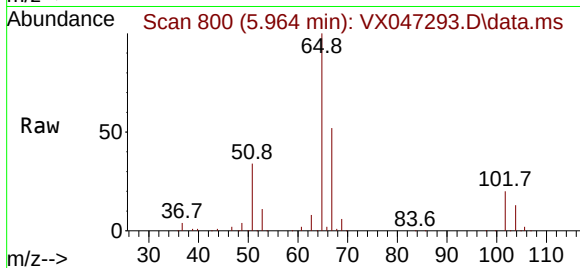




#33
 1,2-Dichloroethane-d4
 Concen: 49.935 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.001 min
 Lab File: VX047293.D
 Acq: 12 Aug 2025 13:51

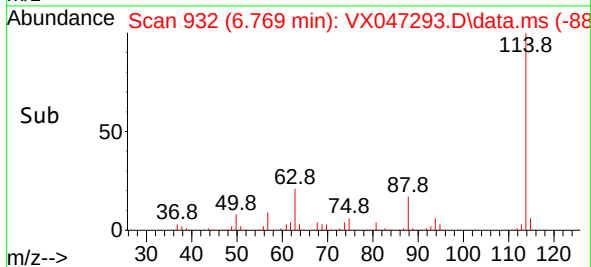
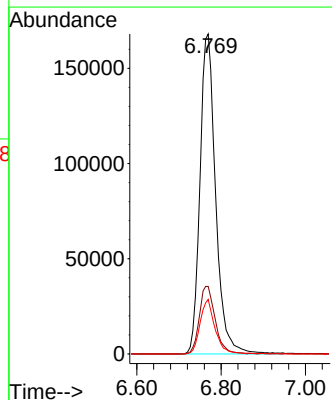
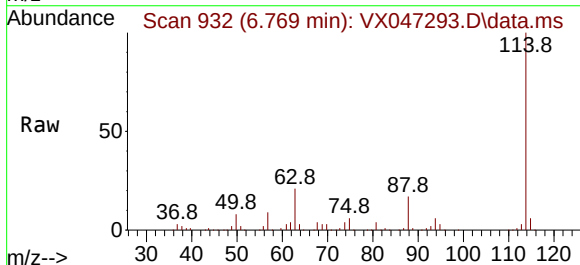
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-17M-W

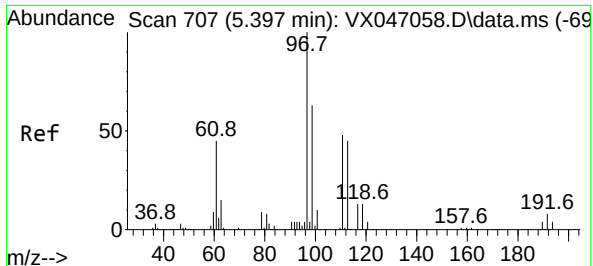
Tgt Ion: 65 Resp: 155908
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.001 min
 Lab File: VX047293.D
 Acq: 12 Aug 2025 13:51

Tgt Ion: 114 Resp: 435165
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 17.1 0.0 33.8

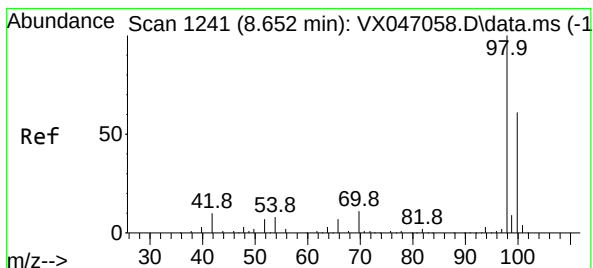
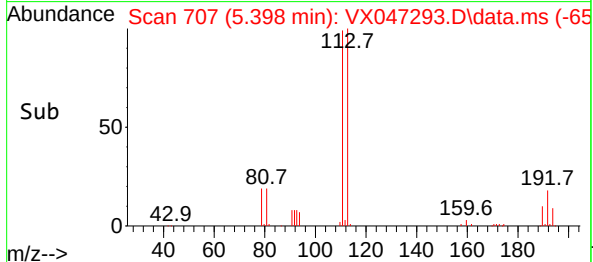
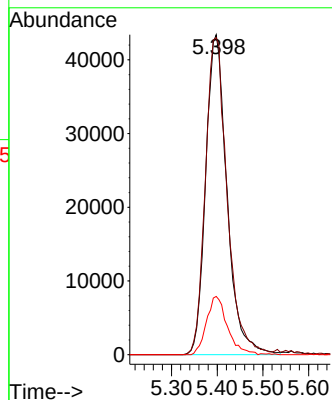
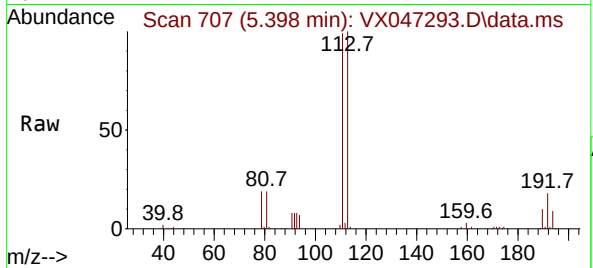




#35
Dibromofluoromethane
Concen: 52.217 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.001 min
Lab File: VX047293.D
Acq: 12 Aug 2025 13:51

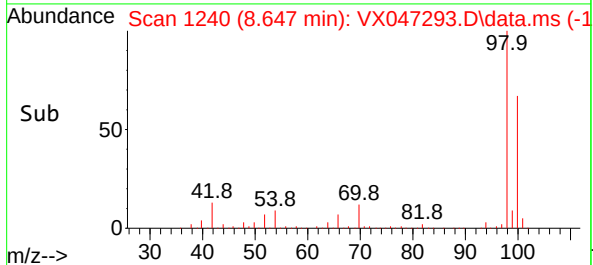
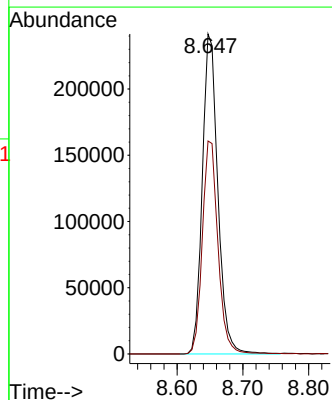
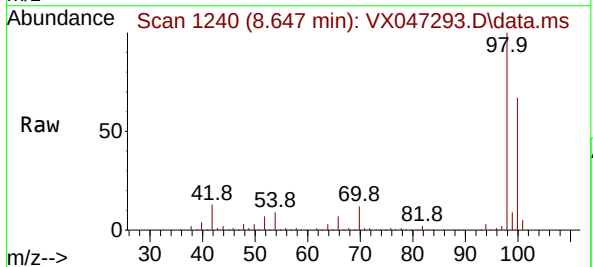
Instrument :
MSVOA_X
ClientSampleId :
TW-17M-W

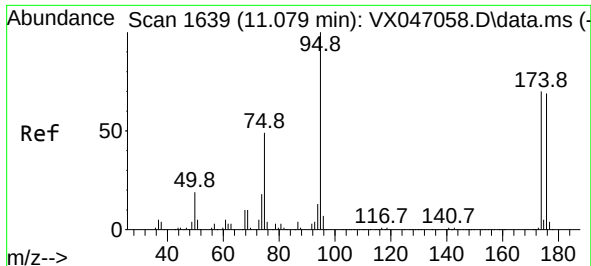
Tgt Ion:113 Resp: 140298
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 17.9 14.9 22.3



#50
Toluene-d8
Concen: 45.596 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047293.D
Acq: 12 Aug 2025 13:51

Tgt Ion: 98 Resp: 396744
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 51.442 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX047293.D

Acq: 12 Aug 2025 13:51

Instrument :

MSVOA_X

ClientSampleId :

TW-17M-W

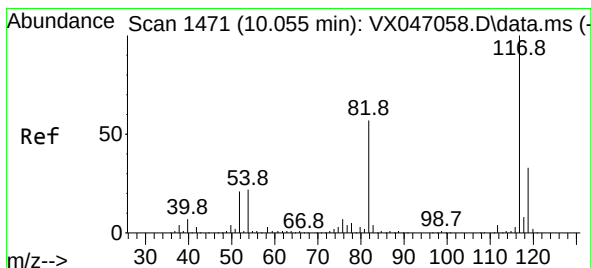
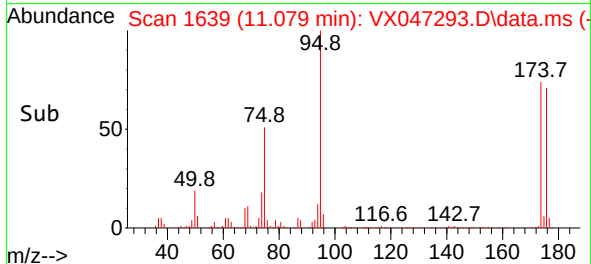
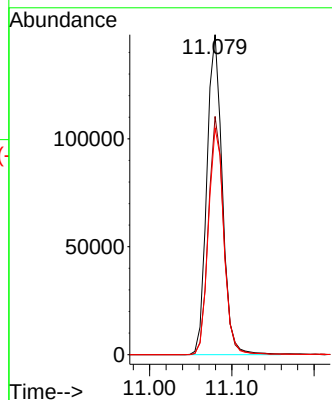
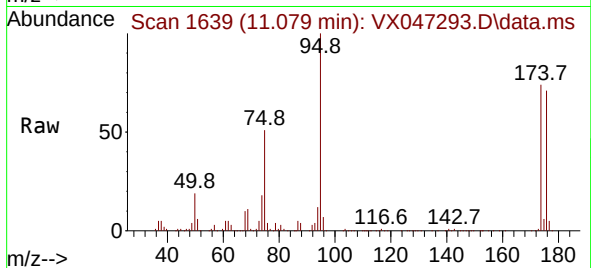
Tgt Ion: 95 Resp: 192896

Ion Ratio Lower Upper

95 100

174 73.5 0.0 144.6

176 71.2 0.0 139.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VX047293.D

Acq: 12 Aug 2025 13:51

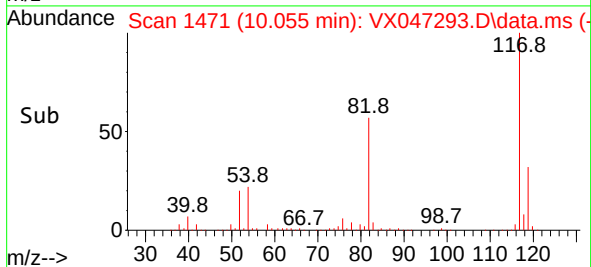
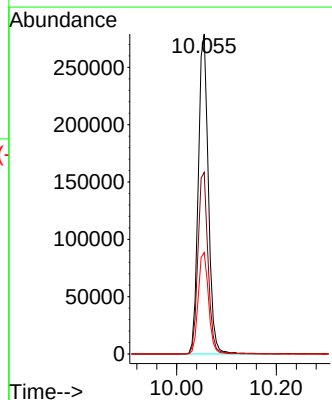
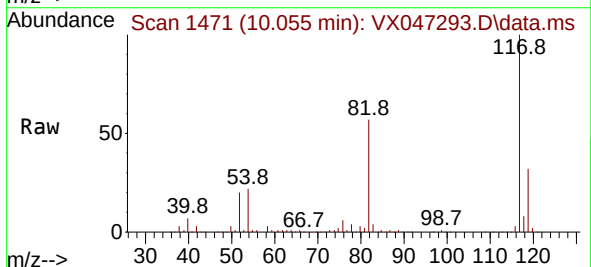
Tgt Ion: 117 Resp: 391228

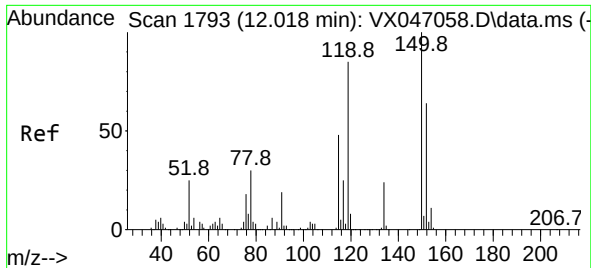
Ion Ratio Lower Upper

117 100

82 56.7 45.4 68.2

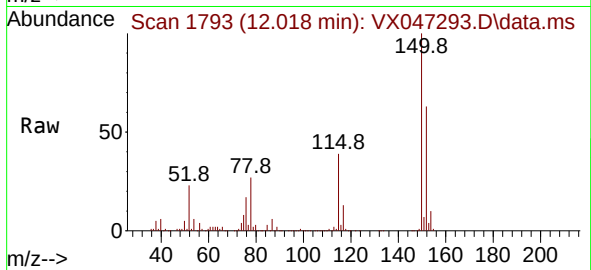
119 31.7 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX047293.D
 Acq: 12 Aug 2025 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-17M-W



Tgt Ion:152 Resp: 200683

Ion	Ratio	Lower	Upper
152	100		
115	61.7	45.6	136.7
150	158.4	0.0	354.6

