

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047291.D
 Acq On : 12 Aug 2025 13:05
 Operator : JC/MD
 Sample : Q2814-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-17M-N

Quant Time: Aug 13 01:19:23 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)

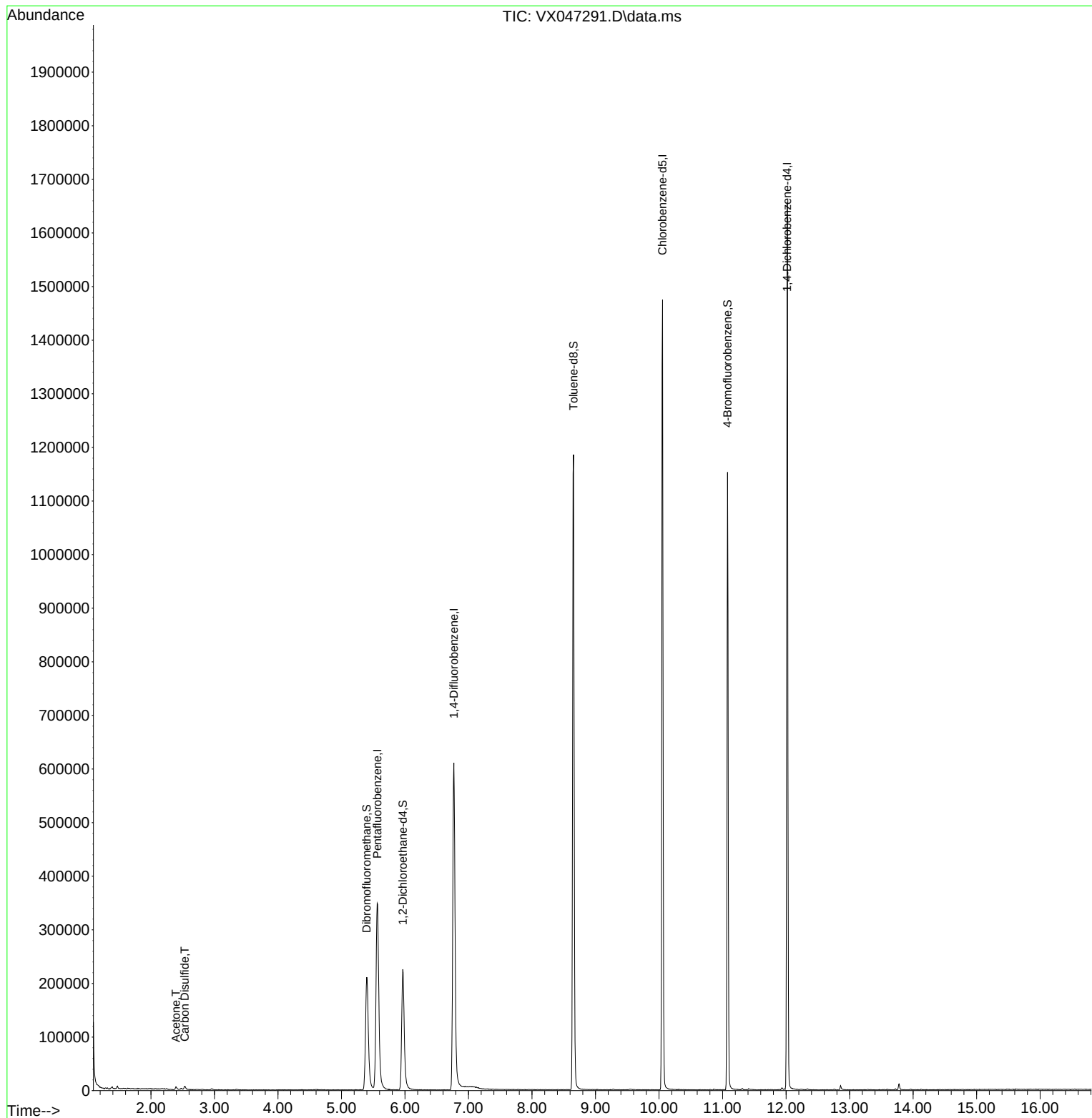
Internal Standards						
1) Pentafluorobenzene	5.562	168	350869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	660980	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	651660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	322981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	236756	54.169	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.340%			
35) Dibromofluoromethane	5.397	113	202948	49.729	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.460%			
50) Toluene-d8	8.653	98	734915	55.606	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 111.220%			
62) 4-Bromofluorobenzene	11.079	95	307414	53.974	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.940%			
Target Compounds						
16) Acetone	2.392	43	7766	4.435	ug/l #	88
17) Carbon Disulfide	2.532	76	8344	0.654	ug/l	95

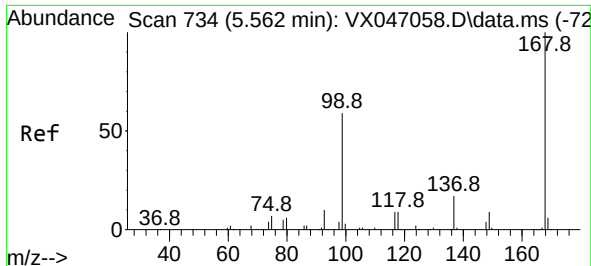
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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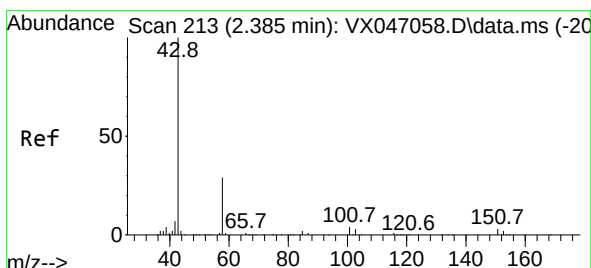
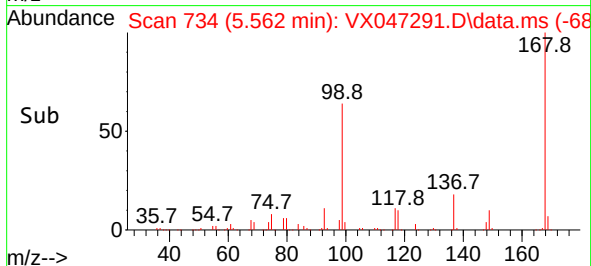
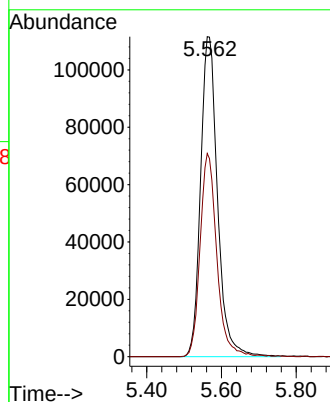
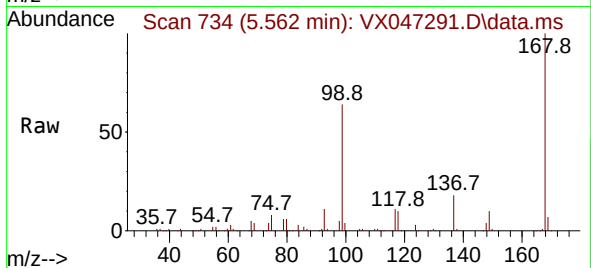




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047291.D
Acq: 12 Aug 2025 13:05

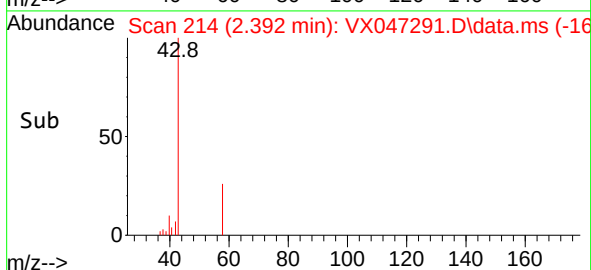
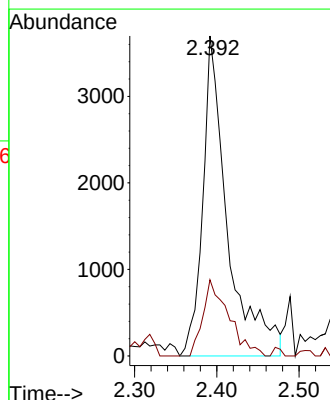
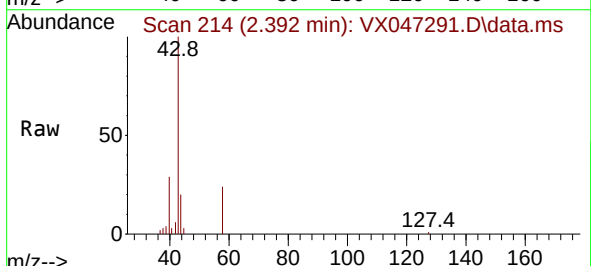
Instrument :
MSVOA_X
ClientSampleId :
TW-17M-N

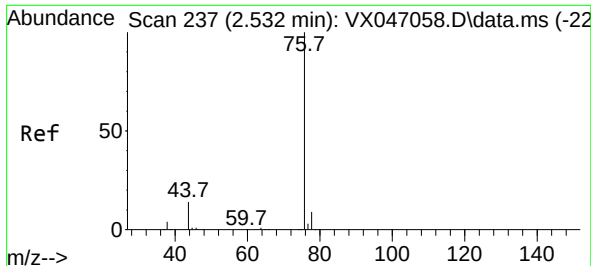
Tgt Ion:168 Resp: 350869
Ion Ratio Lower Upper
168 100
99 63.5 48.0 72.0



#16
Acetone
Concen: 4.435 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047291.D
Acq: 12 Aug 2025 13:05

Tgt Ion: 43 Resp: 7766
Ion Ratio Lower Upper
43 100
58 23.3 24.0 36.0#

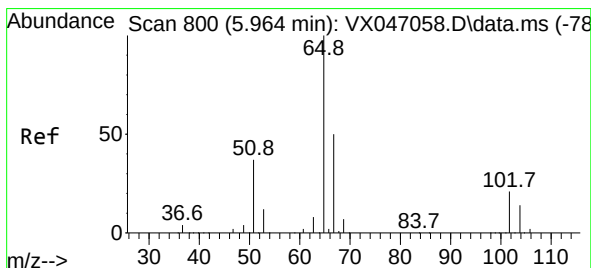
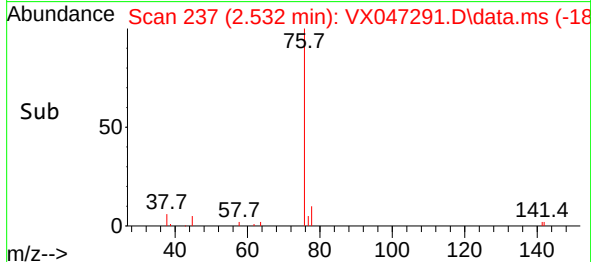
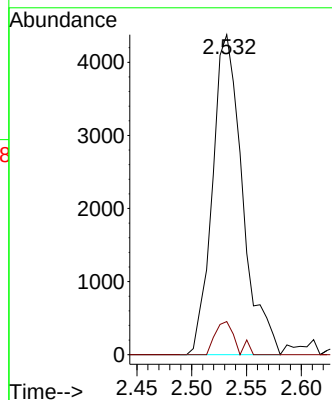
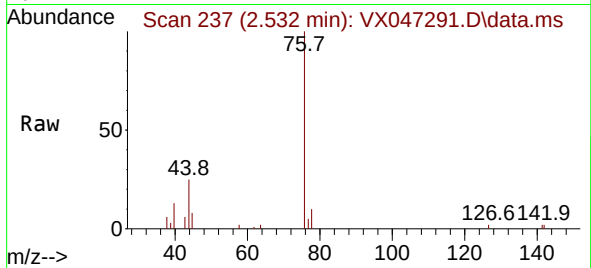




#17
Carbon Disulfide
Concen: 0.654 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047291.D
Acq: 12 Aug 2025 13:05

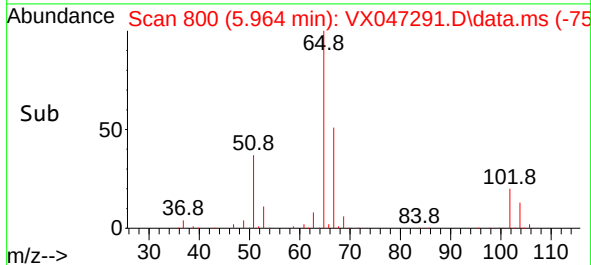
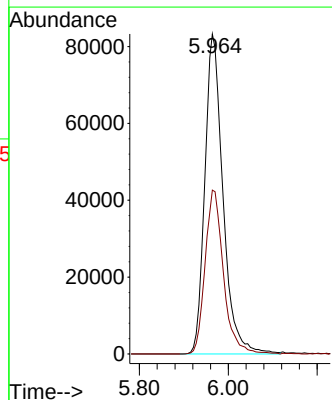
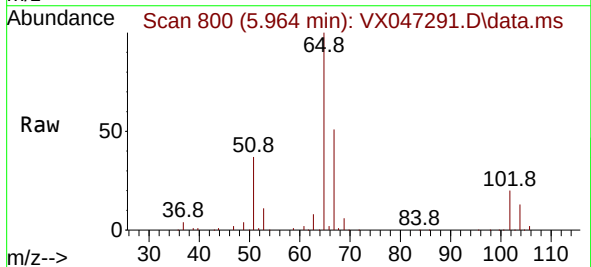
Instrument :
MSVOA_X
ClientSampleId :
TW-17M-N

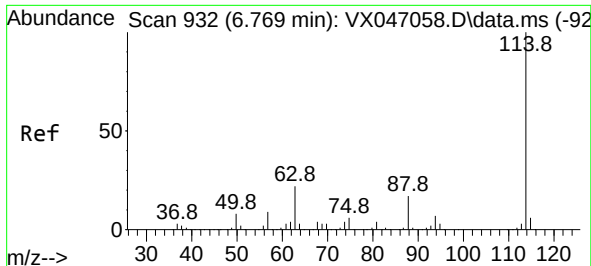
Tgt Ion: 76 Resp: 8344
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.4



#33
1,2-Dichloroethane-d4
Concen: 54.169 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047291.D
Acq: 12 Aug 2025 13:05

Tgt Ion: 65 Resp: 236756
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8

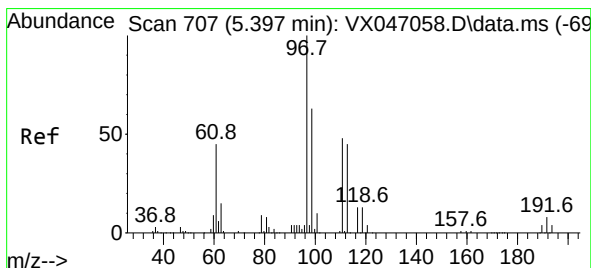
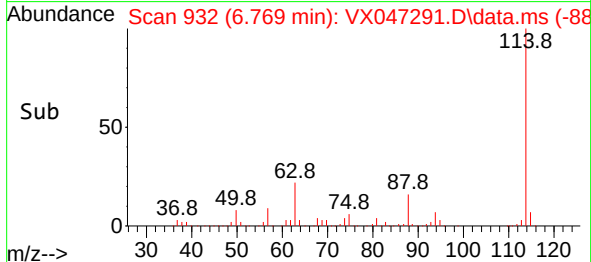
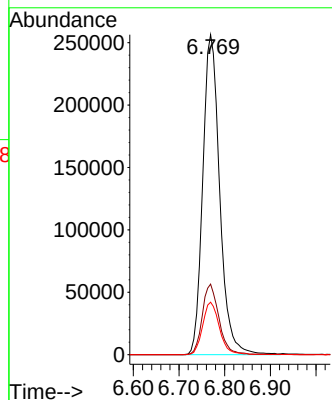
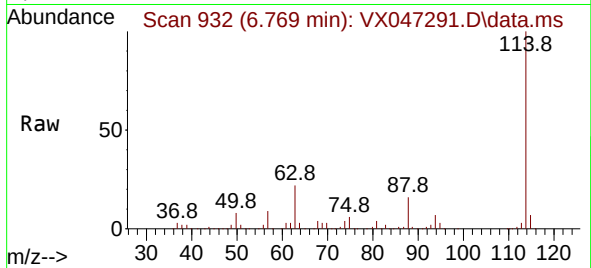




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX047291.D
 Acq: 12 Aug 2025 13:05

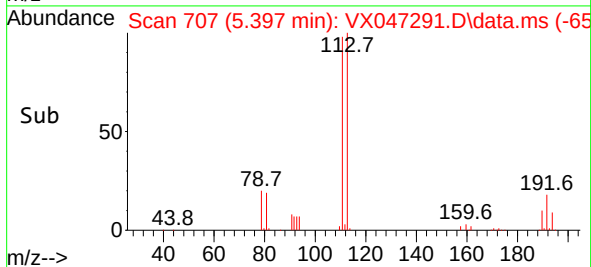
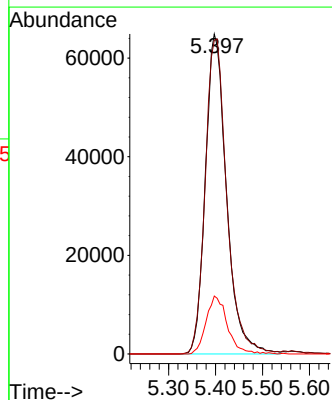
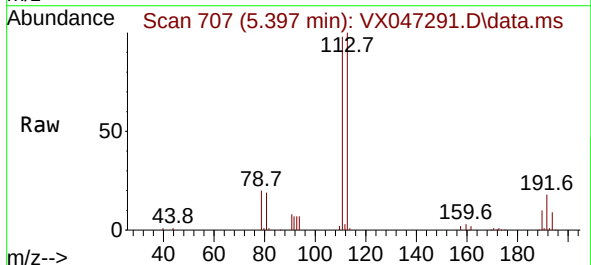
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-17M-N

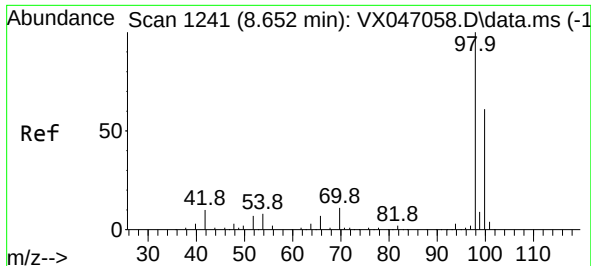
Tgt Ion:114 Resp: 660980
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.2
 88 16.4 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 49.729 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VX047291.D
 Acq: 12 Aug 2025 13:05

Tgt Ion:113 Resp: 202948
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.6 124.0
 192 18.2 14.9 22.3

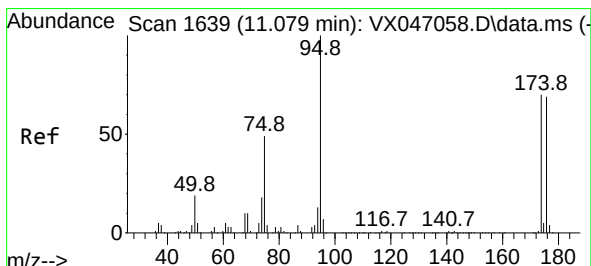
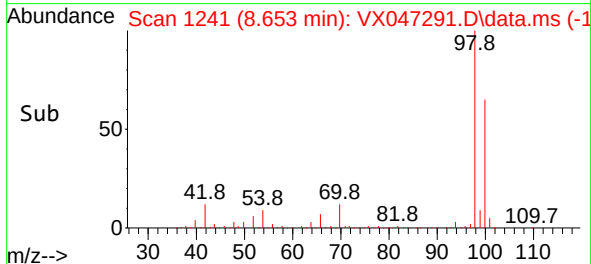
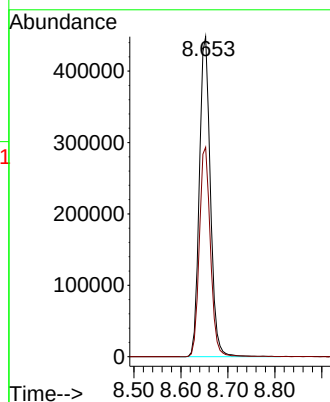
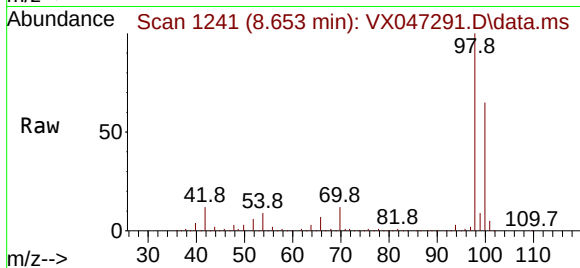




#50
Toluene-d8
Concen: 55.606 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047291.D
Acq: 12 Aug 2025 13:05

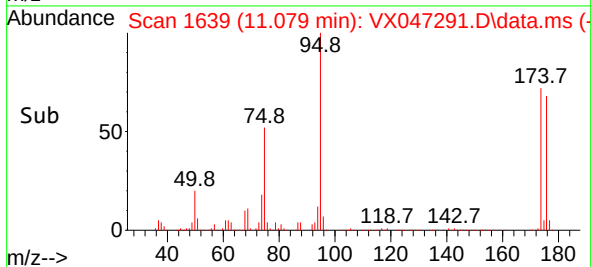
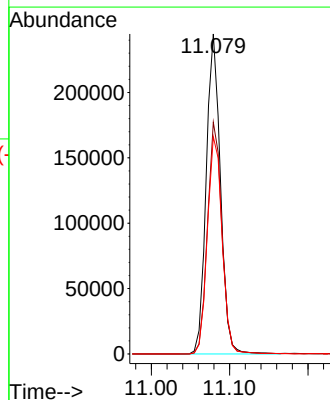
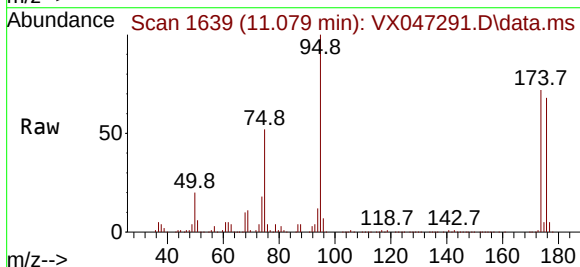
Instrument :
MSVOA_X
ClientSampleId :
TW-17M-N

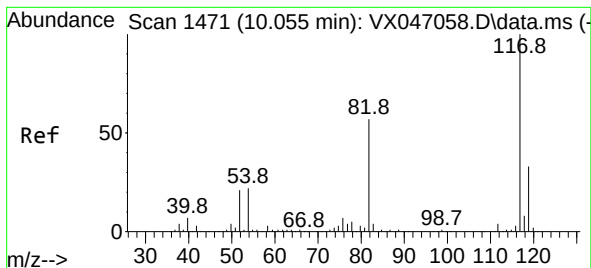
Tgt Ion: 98 Resp: 734915
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 53.974 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047291.D
Acq: 12 Aug 2025 13:05

Tgt Ion: 95 Resp: 307414
Ion Ratio Lower Upper
95 100
174 73.7 0.0 144.6
176 70.5 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047291.D

Acq: 12 Aug 2025 13:05

Instrument :

MSVOA_X

ClientSampleId :

TW-17M-N

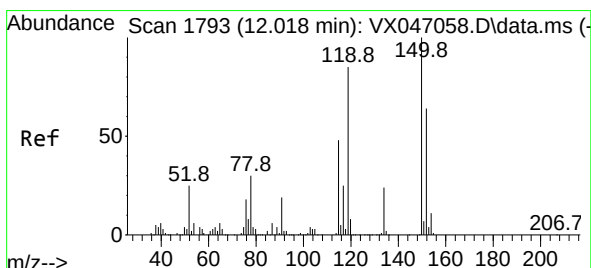
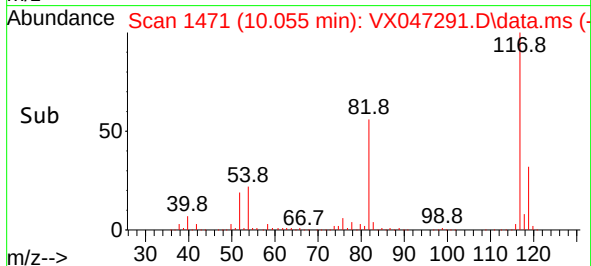
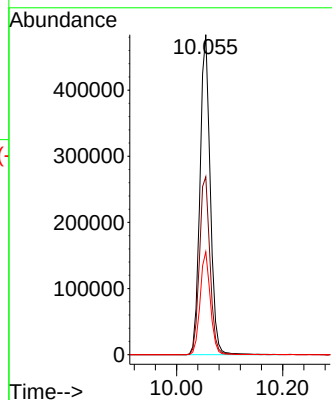
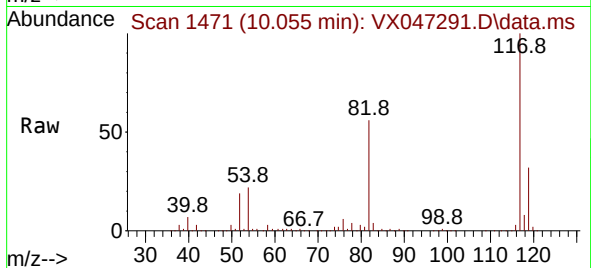
Tgt Ion:117 Resp: 651660

Ion Ratio Lower Upper

117 100

82 55.6 45.4 68.2

119 32.1 26.1 39.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047291.D

Acq: 12 Aug 2025 13:05

Tgt Ion:152 Resp: 322981

Ion Ratio Lower Upper

152 100

115 62.4 45.6 136.7

150 158.7 0.0 354.6

