

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047290.D
 Acq On : 12 Aug 2025 12:43
 Operator : JC/MD
 Sample : Q2814-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-84SB-E

Quant Time: Aug 13 01:18:54 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)

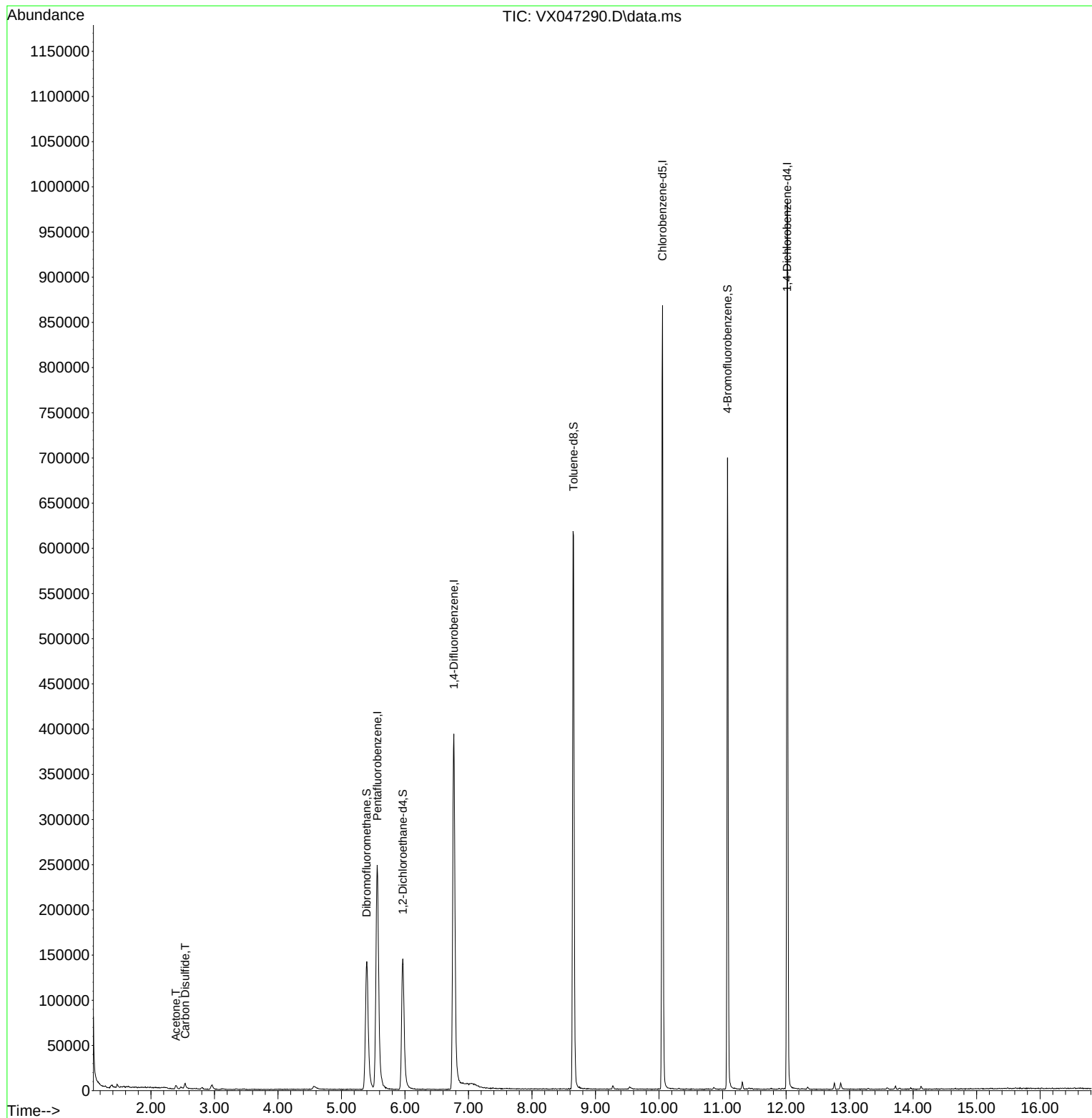
Internal Standards						
1) Pentafluorobenzene	5.562	168	248717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	430062	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	200668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155557	50.208	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.420%		
35) Dibromofluoromethane	5.397	113	135191	50.913	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.820%		
50) Toluene-d8	8.653	98	387096	45.015	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 90.020%#		
62) 4-Bromofluorobenzene	11.079	95	187357	50.558	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.120%		
Target Compounds						
						Qvalue
16) Acetone	2.392	43	6543	5.272	ug/l	90
17) Carbon Disulfide	2.538	76	3943	0.436	ug/l #	88

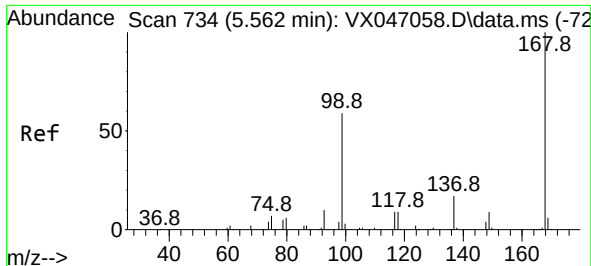
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 22 03:59:51 2025
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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: VX047290.D
Acq: 12 Aug 2025 12:43

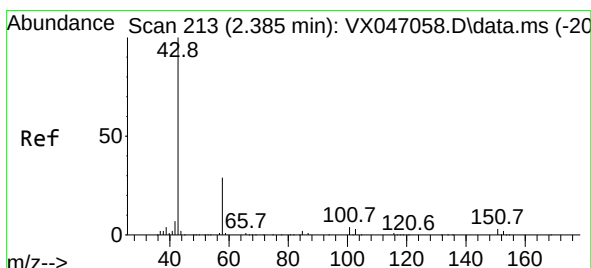
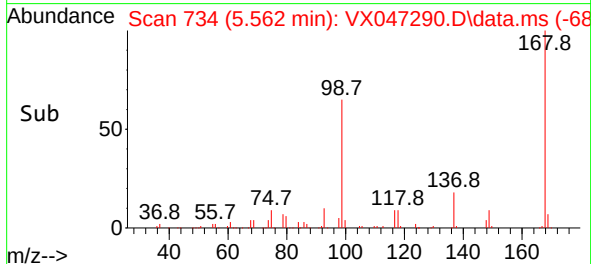
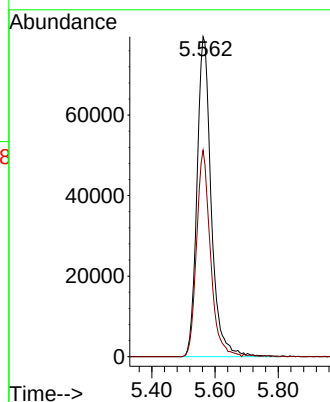
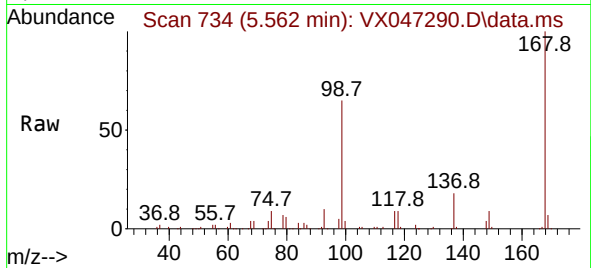
Instrument :

MSVOA_X

ClientSampleId :

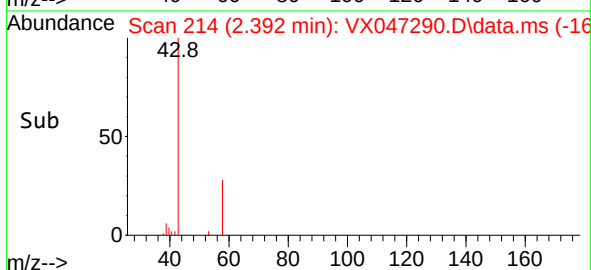
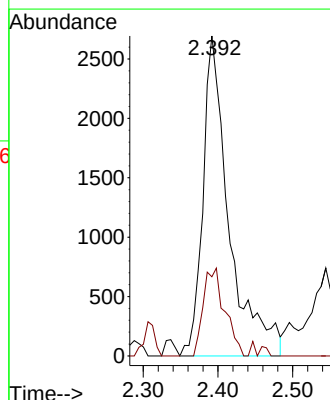
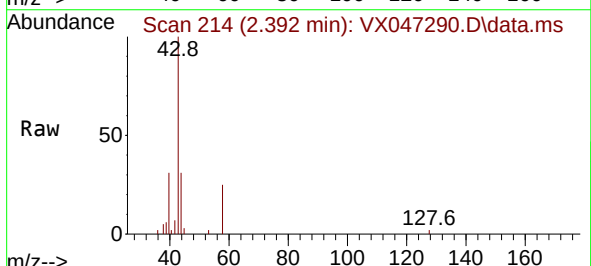
TW-84SB-E

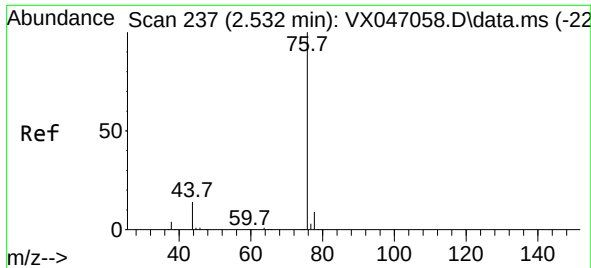
Tgt Ion:168 Resp: 248717
Ion Ratio Lower Upper
168 100
99 64.5 48.0 72.0



#16
Acetone
Concen: 5.272 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047290.D
Acq: 12 Aug 2025 12:43

Tgt Ion: 43 Resp: 6543
Ion Ratio Lower Upper
43 100
58 24.8 24.0 36.0





#17

Carbon Disulfide

Concen: 0.436 ug/l

RT: 2.538 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX047290.D

Acq: 12 Aug 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

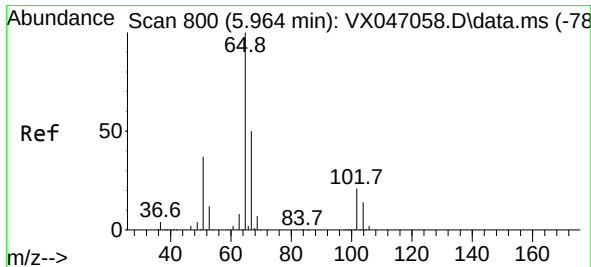
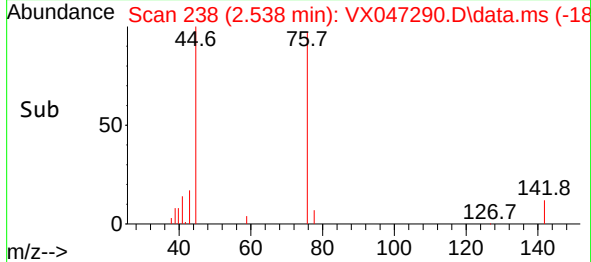
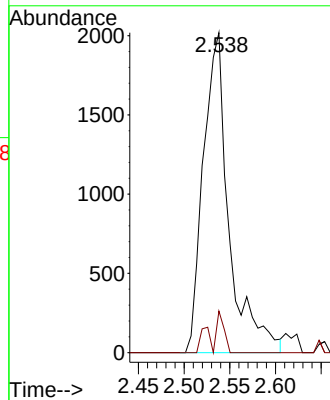
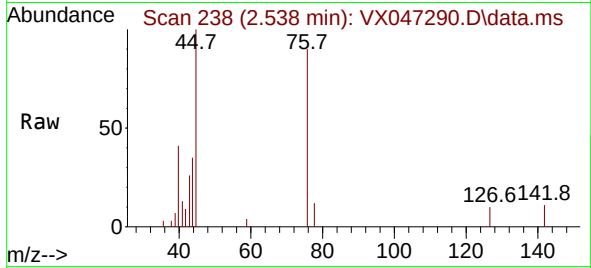
TW-84SB-E

Tgt Ion: 76 Resp: 3943

Ion Ratio Lower Upper

76 100

78 13.0 7.0 10.4#



#33

1,2-Dichloroethane-d4

Concen: 50.208 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047290.D

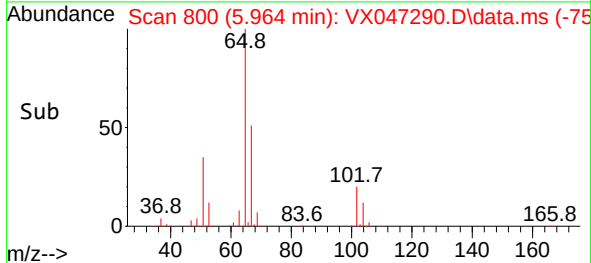
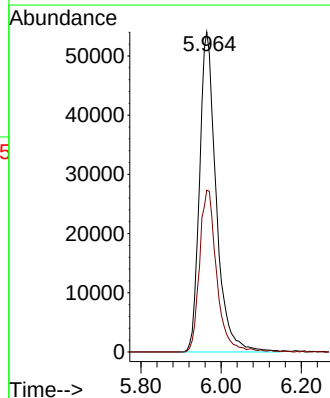
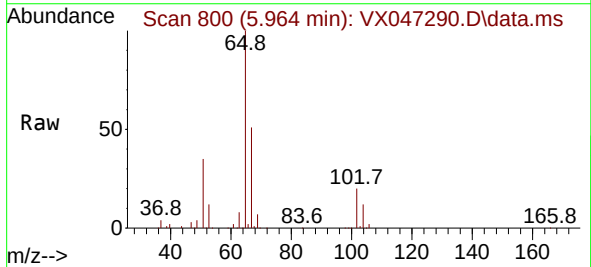
Acq: 12 Aug 2025 12:43

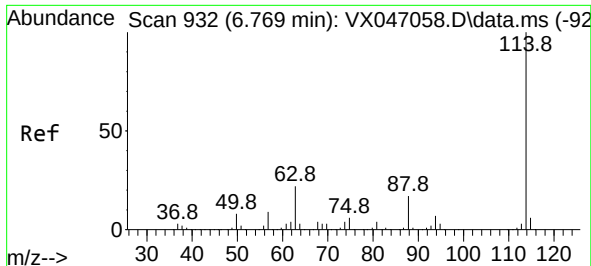
Tgt Ion: 65 Resp: 155557

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.8

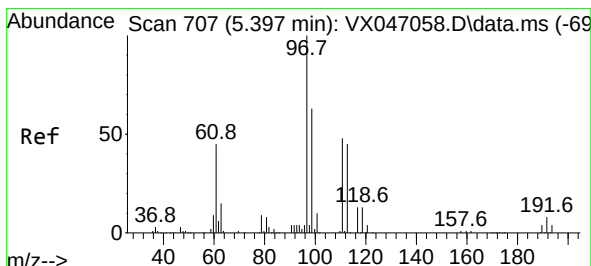
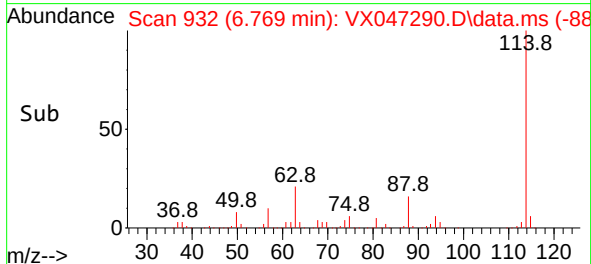
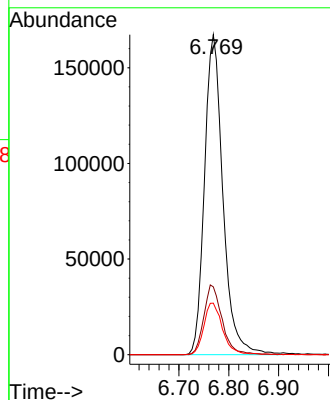
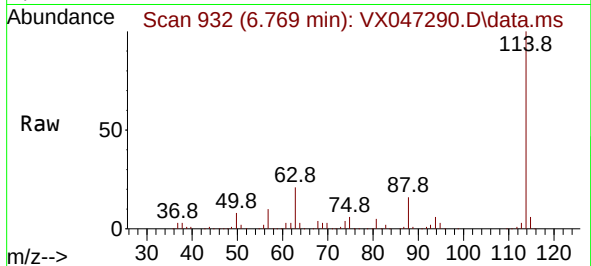




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX047290.D
 Acq: 12 Aug 2025 12:43

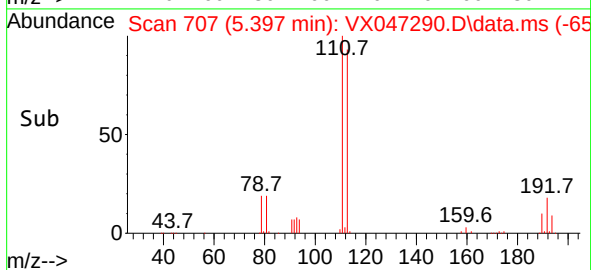
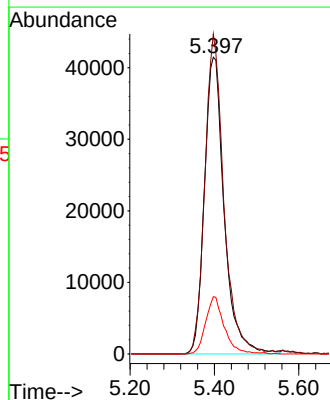
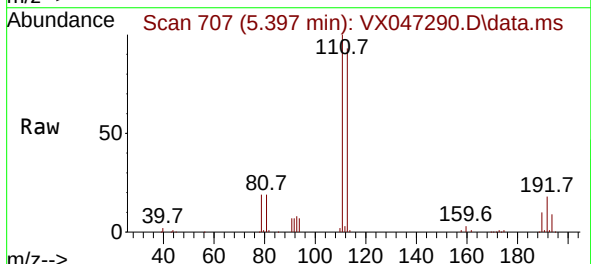
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-84SB-E

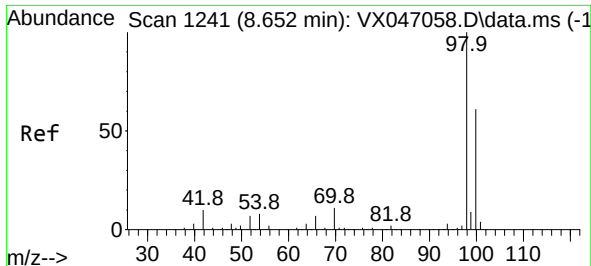
Tgt Ion:114 Resp: 430062
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 16.1 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 50.913 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VX047290.D
 Acq: 12 Aug 2025 12:43

Tgt Ion:113 Resp: 135191
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.6 124.0
 192 18.2 14.9 22.3

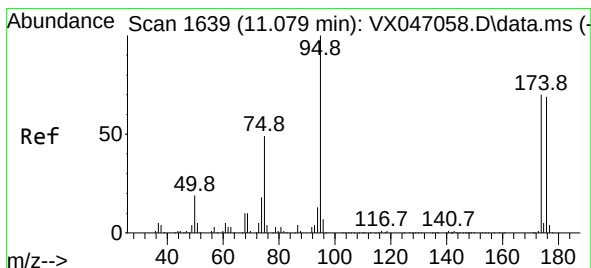
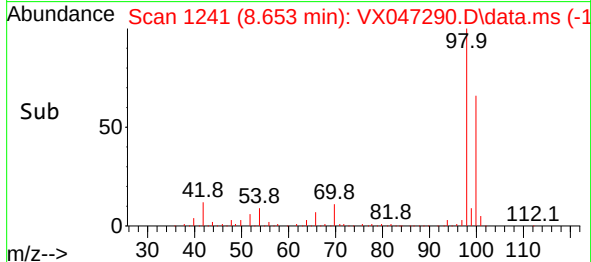
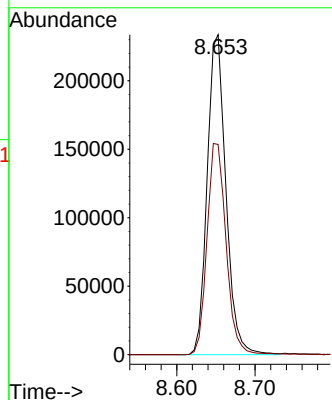
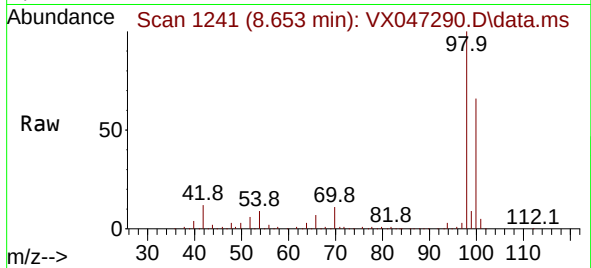




#50
Toluene-d8
Concen: 45.015 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047290.D
Acq: 12 Aug 2025 12:43

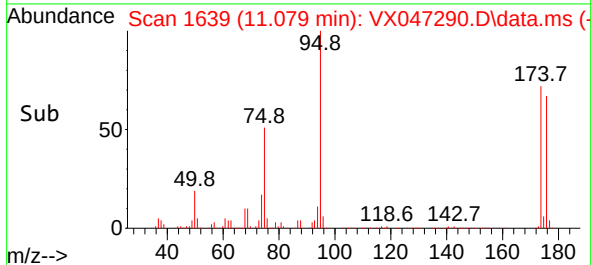
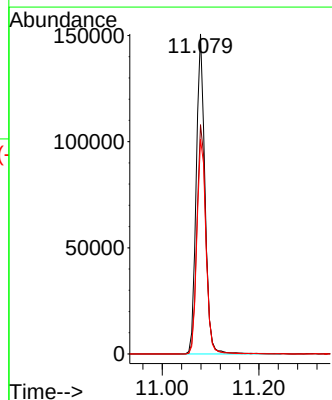
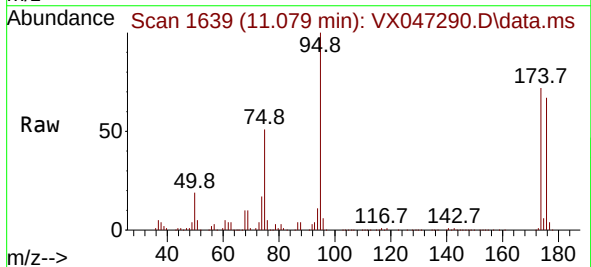
Instrument :
MSVOA_X
ClientSampleId :
TW-84SB-E

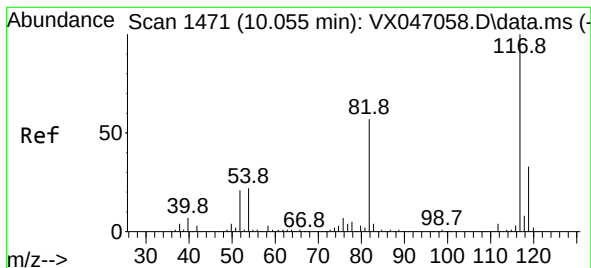
Tgt Ion: 98 Resp: 387096
Ion Ratio Lower Upper
98 100
100 67.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 50.558 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047290.D
Acq: 12 Aug 2025 12:43

Tgt Ion: 95 Resp: 187357
Ion Ratio Lower Upper
95 100
174 74.5 0.0 144.6
176 70.0 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: VX047290.D

Acq: 12 Aug 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

TW-84SB-E

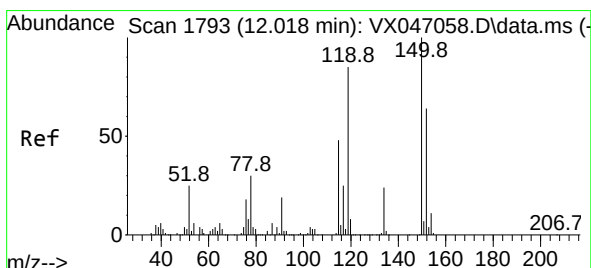
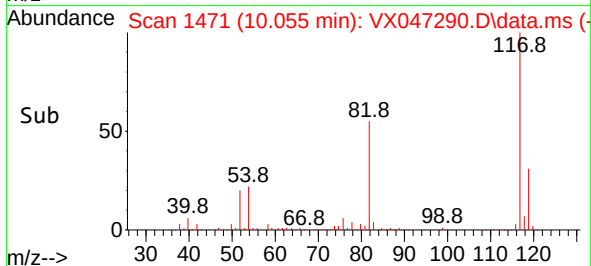
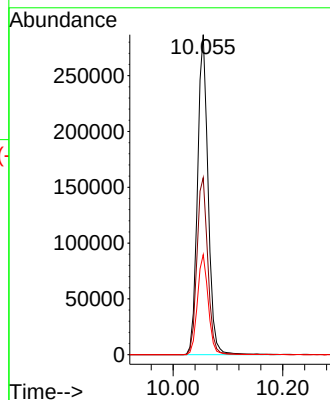
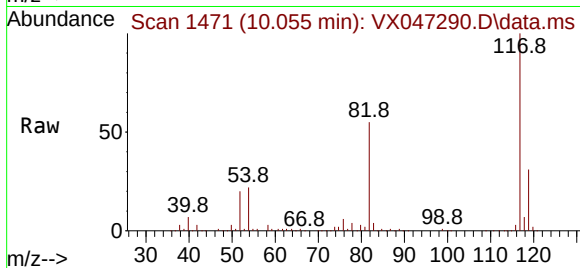
Tgt Ion:117 Resp: 385662

Ion Ratio Lower Upper

117 100

82 55.3 45.4 68.2

119 31.3 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: VX047290.D

Acq: 12 Aug 2025 12:43

Tgt Ion:152 Resp: 200668

Ion Ratio Lower Upper

152 100

115 61.2 45.6 136.7

150 155.0 0.0 354.6

