

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047320.D
 Acq On : 13 Aug 2025 14:24
 Operator : JC/MD
 Sample : Q2814-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-518R-N

Quant Time: Aug 14 03:29:11 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)

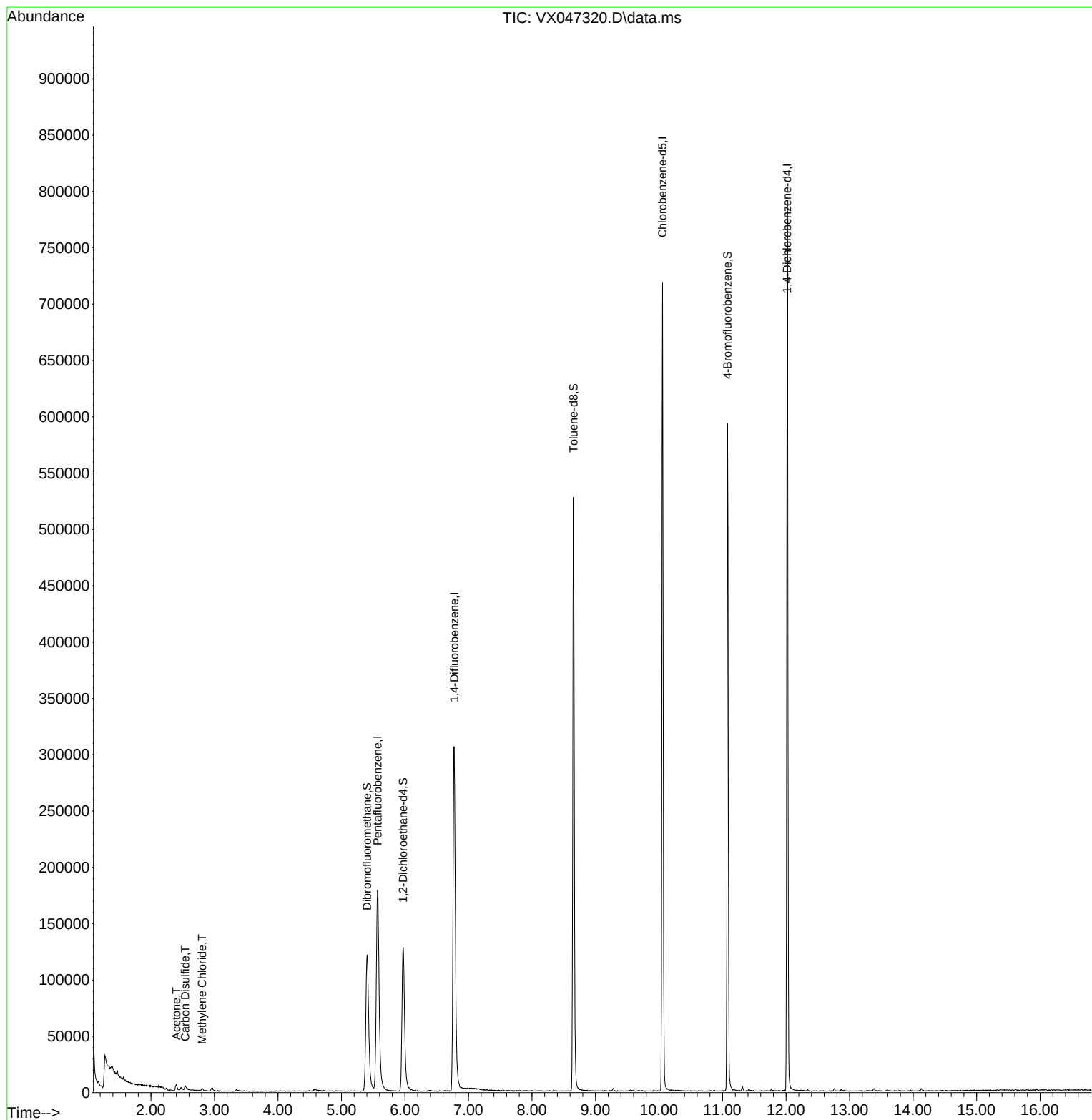
Internal Standards						
1) Pentafluorobenzene	5.568	168	180502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	338323	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	158976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	139346	61.973	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 123.940%	#
35) Dibromofluoromethane	5.403	113	118435	56.697	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.400%	
50) Toluene-d8	8.653	98	313555	46.350	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.700%	
62) 4-Bromofluorobenzene	11.079	95	156885	53.814	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.620%	
Target Compounds						
						Qvalue
16) Acetone	2.398	43	7954	8.830	ug/l	97
17) Carbon Disulfide	2.538	76	4495	0.685	ug/l	97
20) Methylene Chloride	2.806	84	933	0.377	ug/l #	70

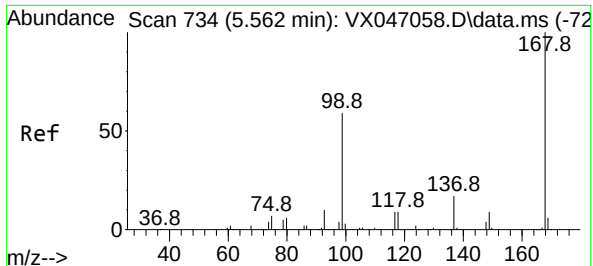
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
Data File : VX047320.D
Acq On : 13 Aug 2025 14:24
Operator : JC/MD
Sample : Q2814-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-518R-N

Quant Time: Aug 14 03:29:11 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

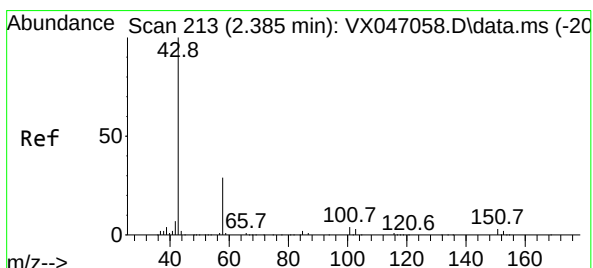
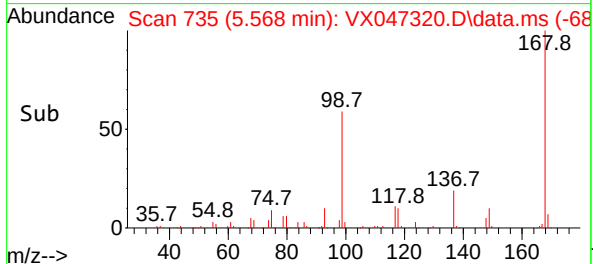
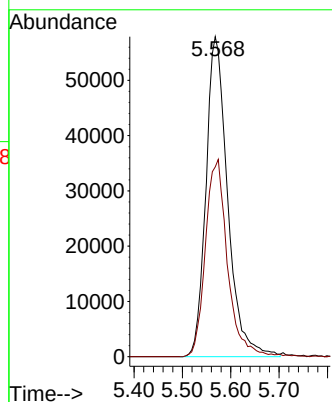
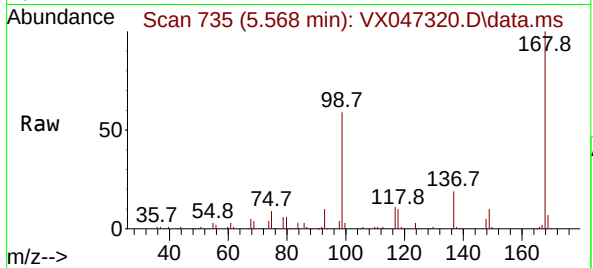




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047320.D
Acq: 13 Aug 2025 14:24

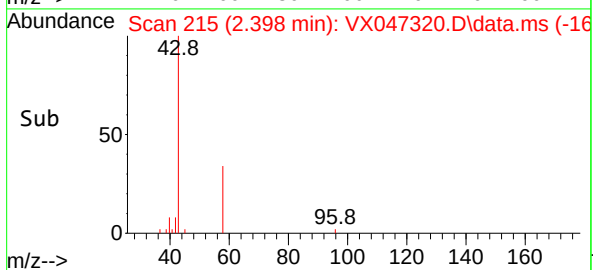
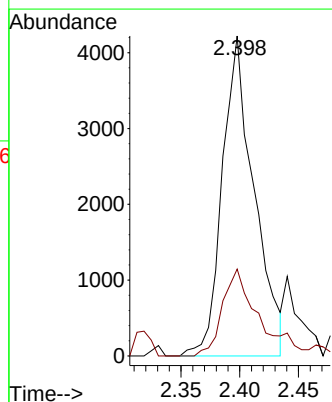
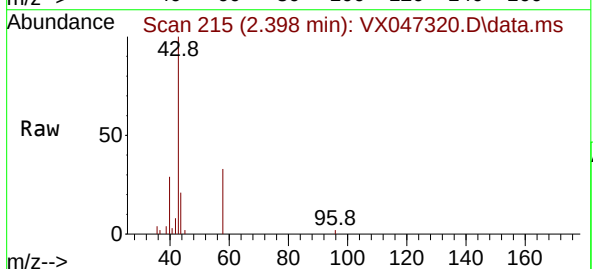
Instrument :
MSVOA_X
ClientSampleId :
TW-518R-N

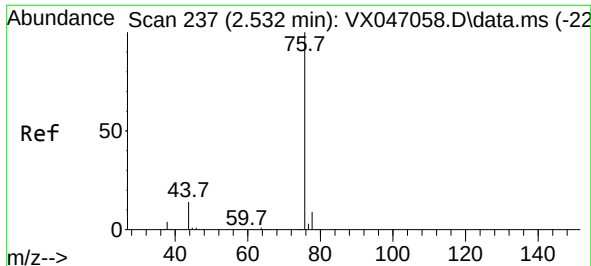
Tgt Ion:168 Resp: 180502
Ion Ratio Lower Upper
168 100
99 59.3 48.0 72.0



#16
Acetone
Concen: 8.830 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX047320.D
Acq: 13 Aug 2025 14:24

Tgt Ion: 43 Resp: 7954
Ion Ratio Lower Upper
43 100
58 31.9 24.0 36.0





#17

Carbon Disulfide

Concen: 0.685 ug/l

RT: 2.538 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX047320.D

Acq: 13 Aug 2025 14:24

Instrument :

MSVOA_X

ClientSampleId :

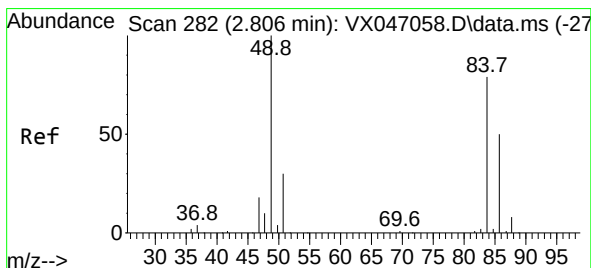
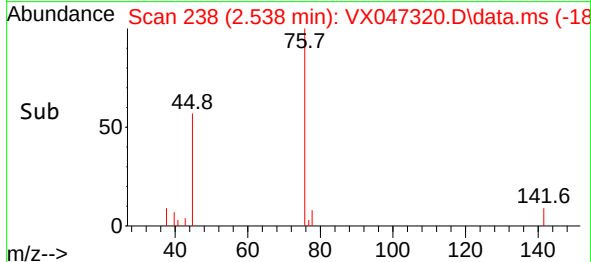
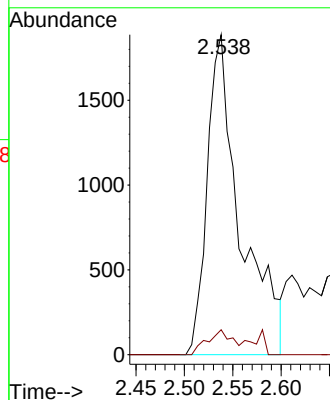
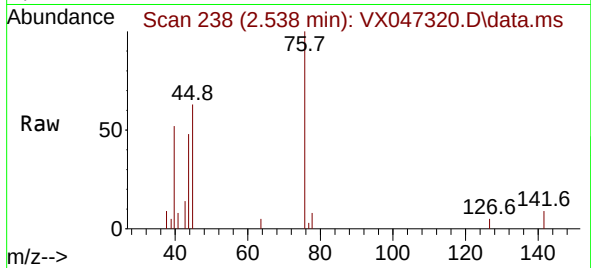
TW-518R-N

Tgt Ion: 76 Resp: 4495

Ion Ratio Lower Upper

76 100

78 7.8 7.0 10.4



#20

Methylene Chloride

Concen: 0.377 ug/l

RT: 2.806 min Scan# 282

Delta R.T. 0.000 min

Lab File: VX047320.D

Acq: 13 Aug 2025 14:24

Tgt Ion: 84 Resp: 933

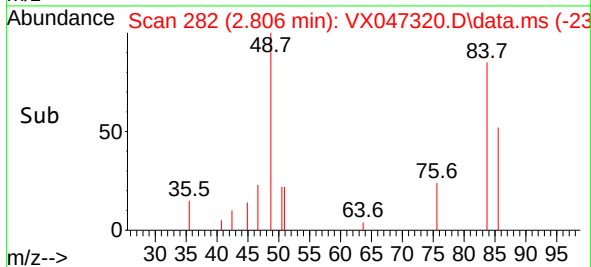
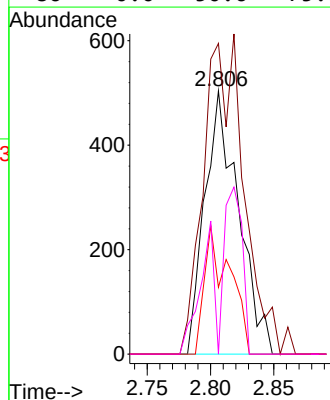
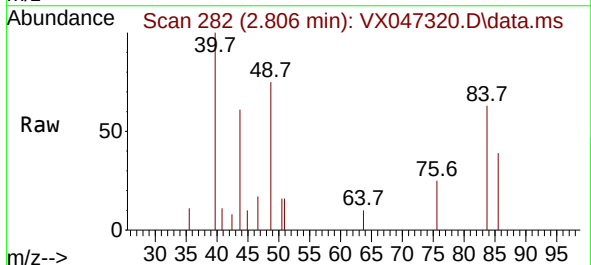
Ion Ratio Lower Upper

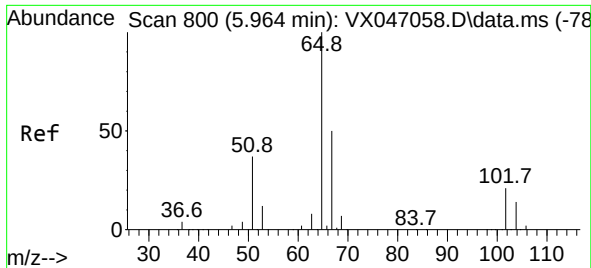
84 100

49 118.1 101.6 152.4

51 25.4 30.3 45.5#

86 0.0 50.6 75.8#

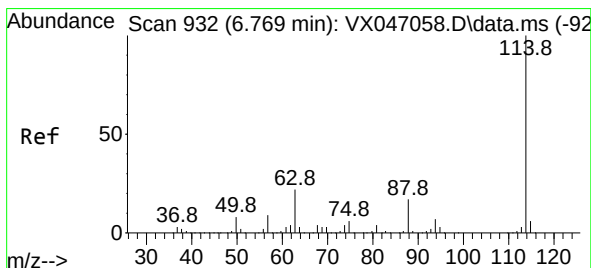
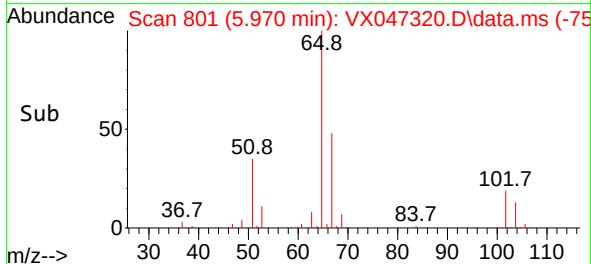
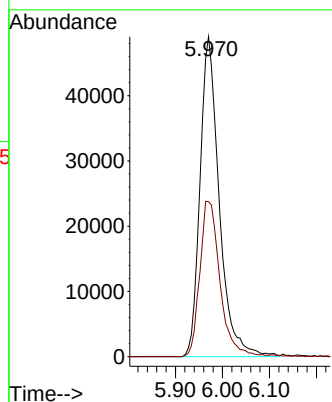
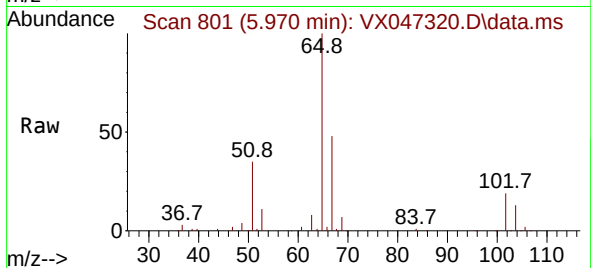




#33
 1,2-Dichloroethane-d4
 Concen: 61.973 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047320.D
 Acq: 13 Aug 2025 14:24

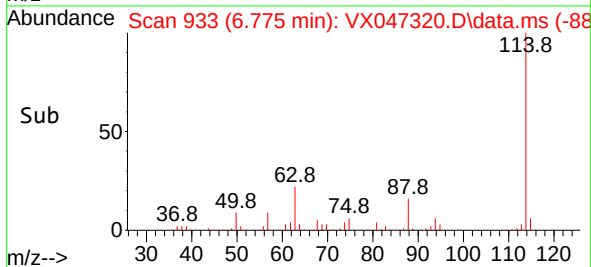
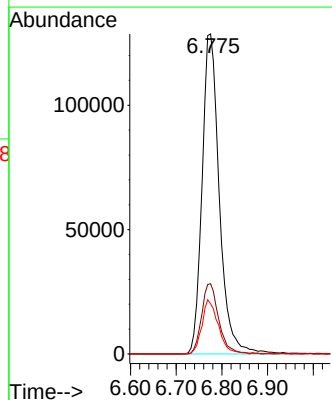
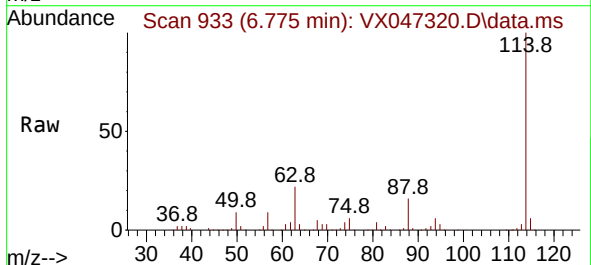
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-518R-N

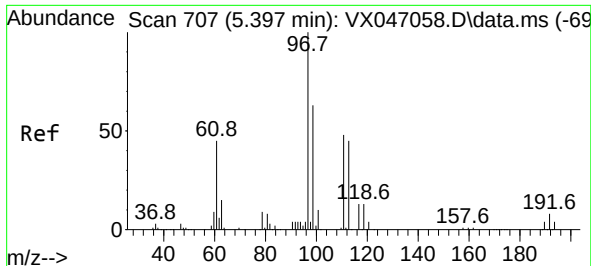
Tgt Ion: 65 Resp: 139346
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. 0.006 min
 Lab File: VX047320.D
 Acq: 13 Aug 2025 14:24

Tgt Ion: 114 Resp: 338323
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.2
 88 15.6 0.0 33.8

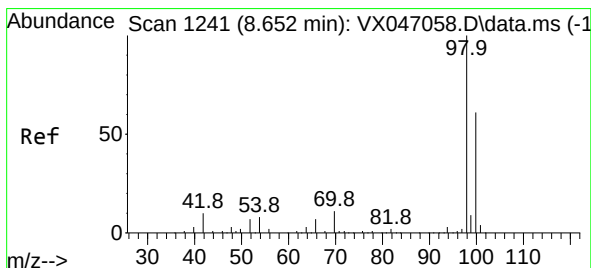
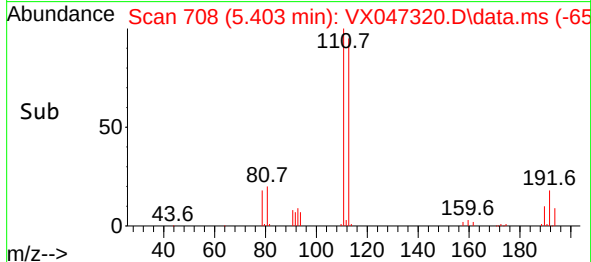
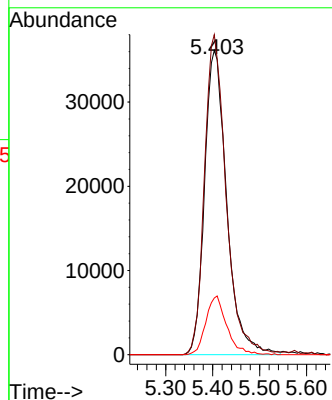
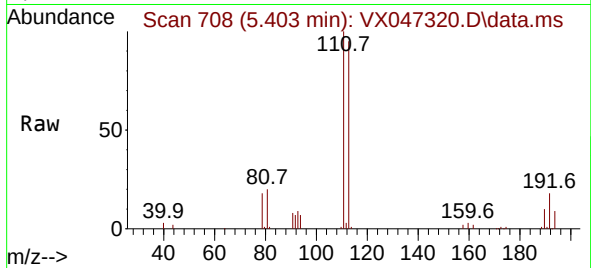




#35
 Dibromofluoromethane
 Concen: 56.697 ug/l
 RT: 5.403 min Scan# 707
 Delta R.T. 0.006 min
 Lab File: VX047320.D
 Acq: 13 Aug 2025 14:24

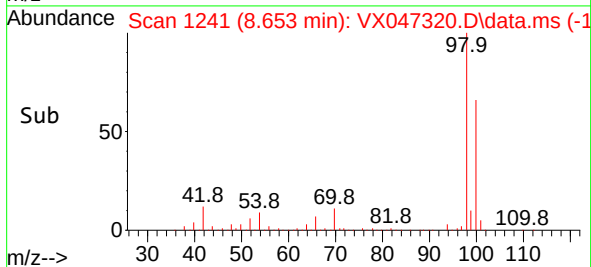
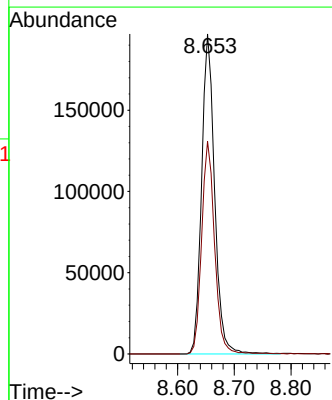
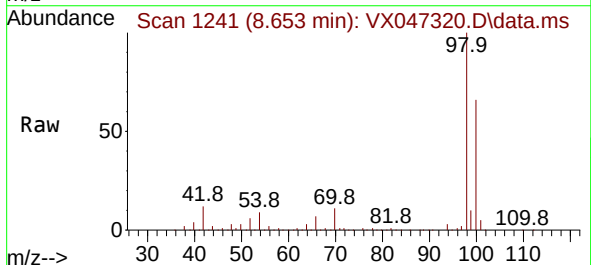
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-518R-N

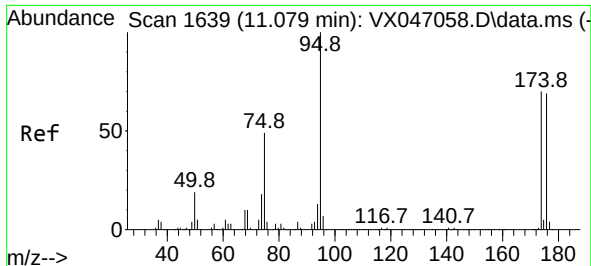
Tgt Ion:113 Resp: 118435
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.6 124.0
 192 18.2 14.9 22.3



#50
 Toluene-d8
 Concen: 46.350 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX047320.D
 Acq: 13 Aug 2025 14:24

Tgt Ion: 98 Resp: 313555
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 53.814 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047320.D

Acq: 13 Aug 2025 14:24

Instrument :

MSVOA_X

ClientSampleId :

TW-518R-N

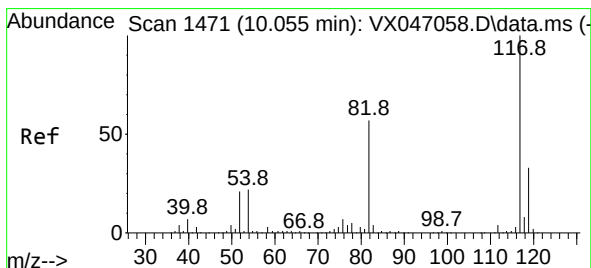
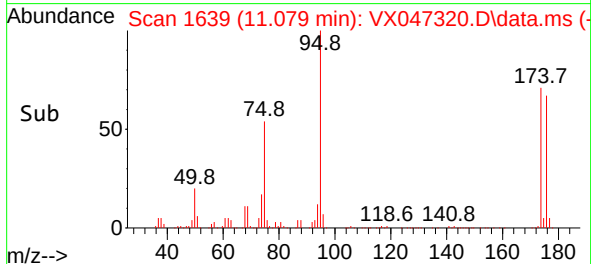
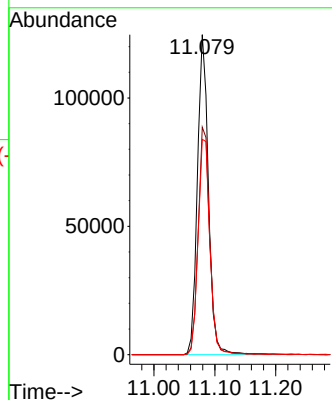
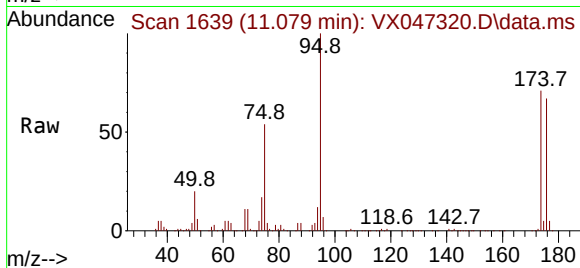
Tgt Ion: 95 Resp: 156885

Ion Ratio Lower Upper

95 100

174 74.4 0.0 144.6

176 72.0 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: VX047320.D

Acq: 13 Aug 2025 14:24

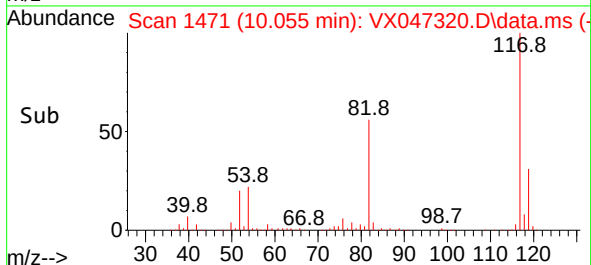
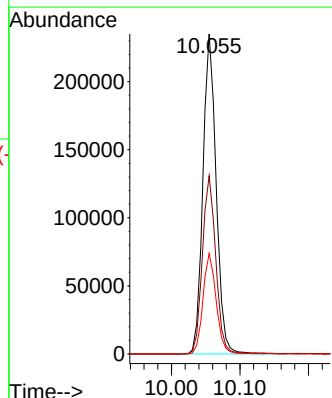
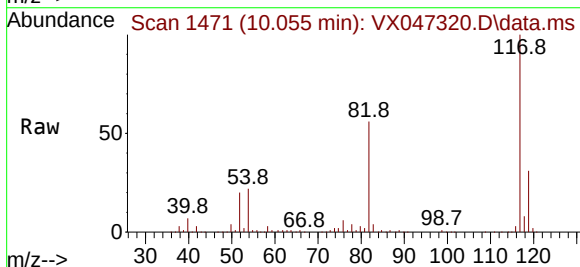
Tgt Ion: 117 Resp: 317215

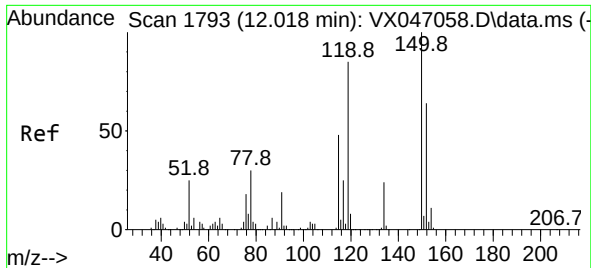
Ion Ratio Lower Upper

117 100

82 55.7 45.4 68.2

119 31.4 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047320.D

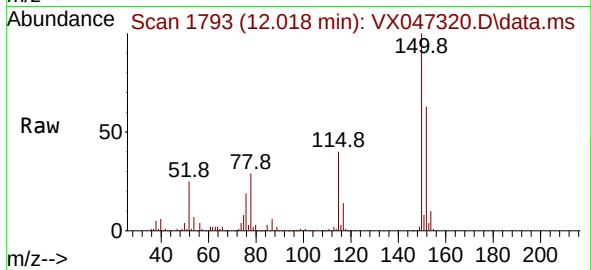
Acq: 13 Aug 2025 14:24

Instrument :

MSVOA_X

ClientSampleId :

TW-518R-N



Tgt Ion:152 Resp: 158976

Ion Ratio Lower Upper

152 100

115 61.7 45.6 136.7

150 157.6 0.0 354.6

