

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046502.D
 Acq On : 04 Jun 2025 15:50
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 05 01:58:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

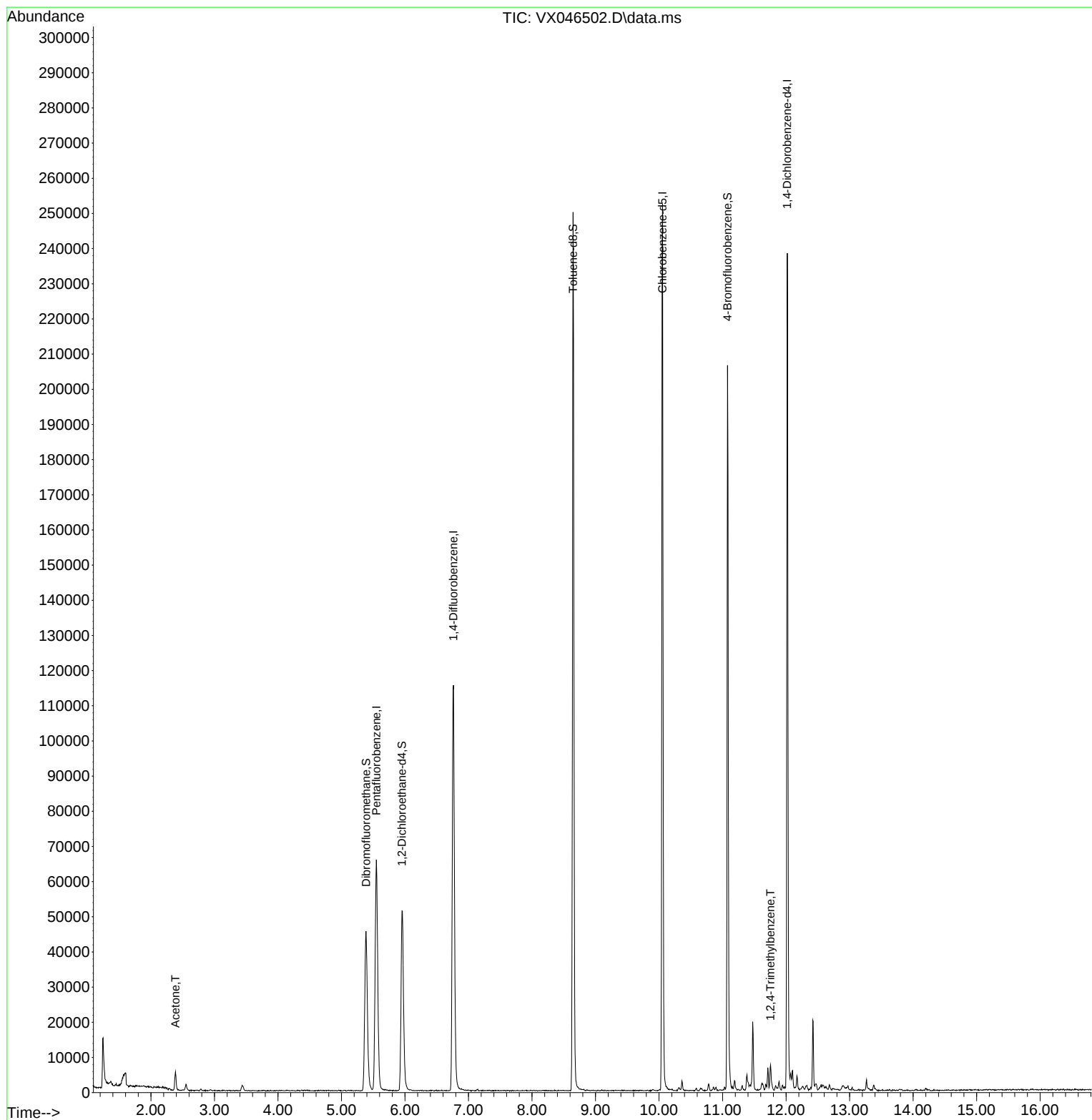
Internal Standards						
1) Pentafluorobenzene	5.550	168	55127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	112328	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	45023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53658	52.209	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.420%	
35) Dibromofluoromethane	5.385	113	39561	48.908	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.820%	
50) Toluene-d8	8.647	98	139866	49.959	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.920%	
62) 4-Bromofluorobenzene	11.079	95	54703	50.939	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.880%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	5318	12.905	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	3291	1.110	ug/l	94

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

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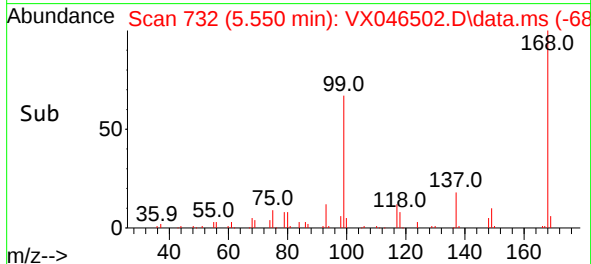
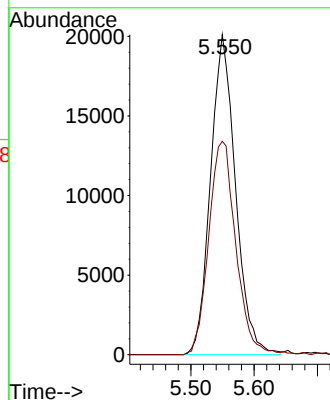
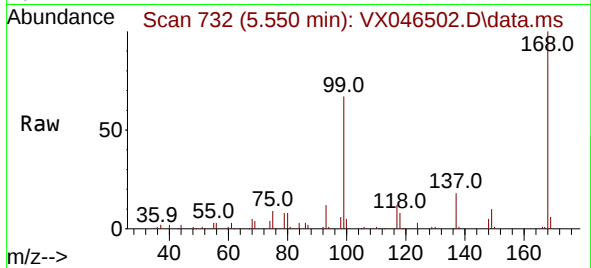




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX046502.D
Acq: 04 Jun 2025 15:50

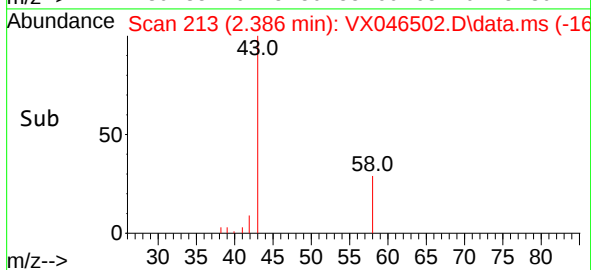
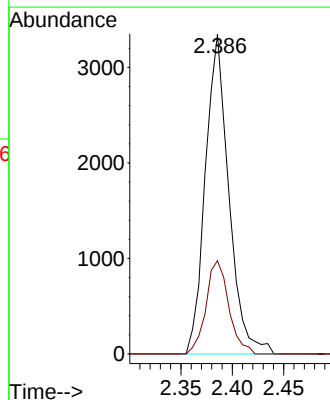
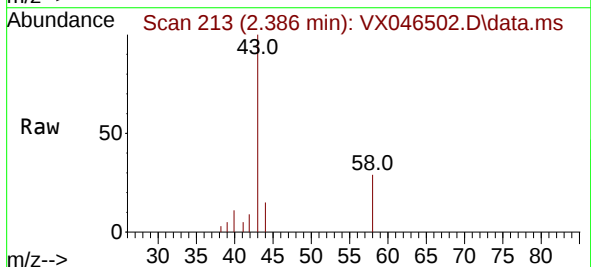
Instrument :
MSVOA_X
ClientSampleId :
IBLK

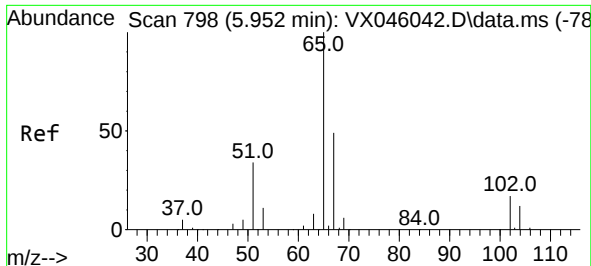
Tgt Ion:168 Resp: 55127
Ion Ratio Lower Upper
168 100
99 66.7 54.9 82.3



#16
Acetone
Concen: 12.905 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046502.D
Acq: 04 Jun 2025 15:50

Tgt Ion: 43 Resp: 5318
Ion Ratio Lower Upper
43 100
58 29.1 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 52.209 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046502.D

Acq: 04 Jun 2025 15:50

Instrument :

MSVOA_X

ClientSampleId :

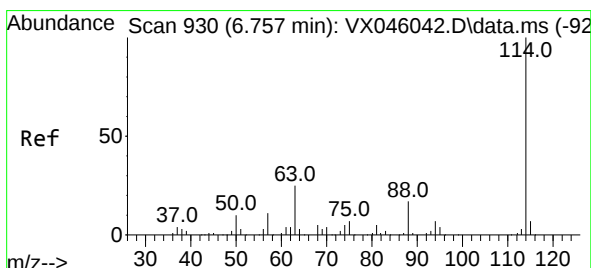
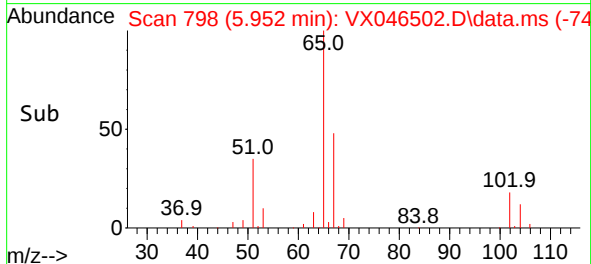
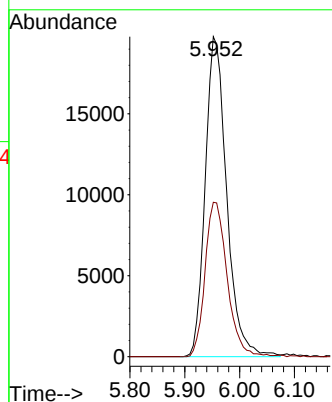
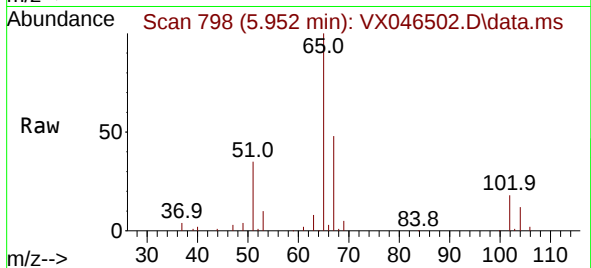
IBLK

Tgt Ion: 65 Resp: 53658

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX046502.D

Acq: 04 Jun 2025 15:50

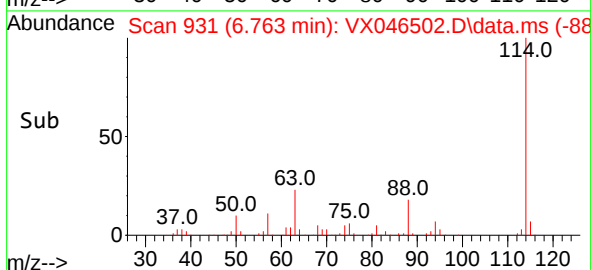
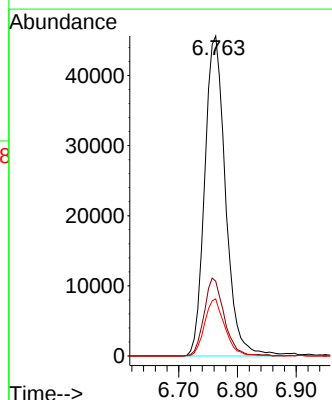
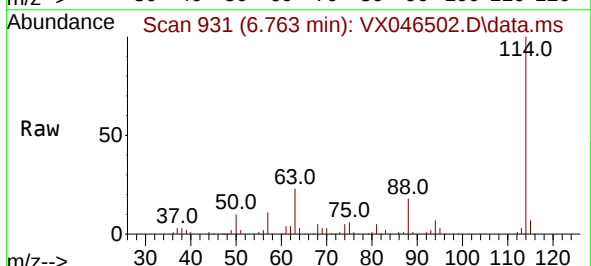
Tgt Ion: 114 Resp: 112328

Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.2

88 17.8 0.0 33.6

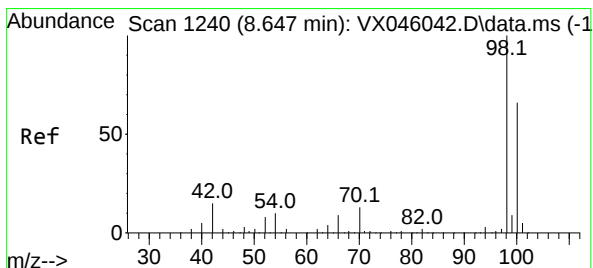
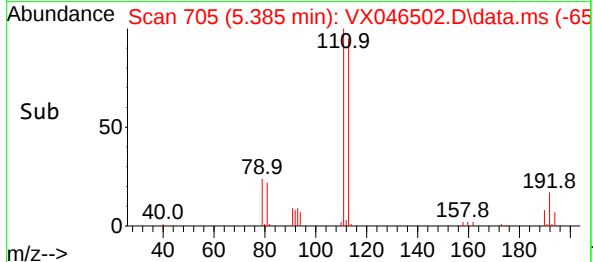
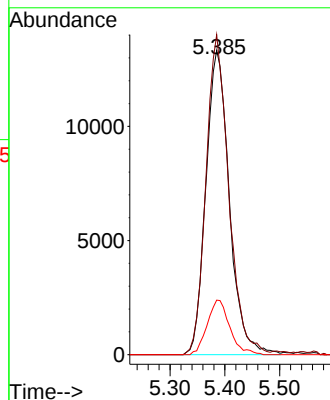
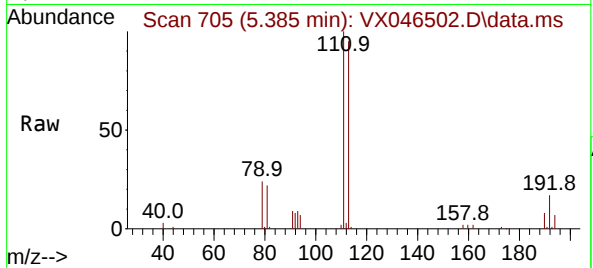




#35
Dibromofluoromethane
Concen: 48.908 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046502.D
Acq: 04 Jun 2025 15:50

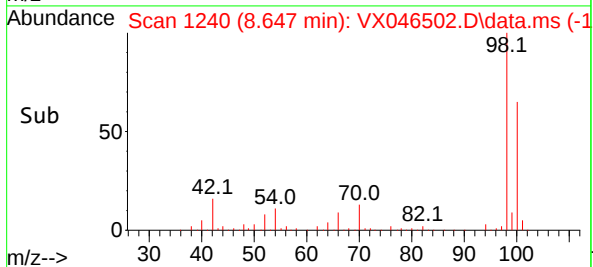
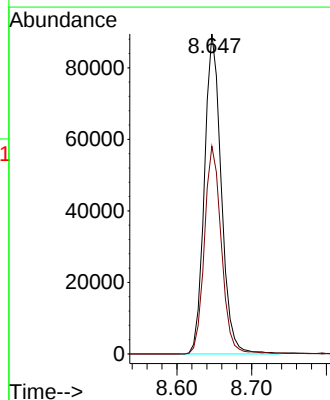
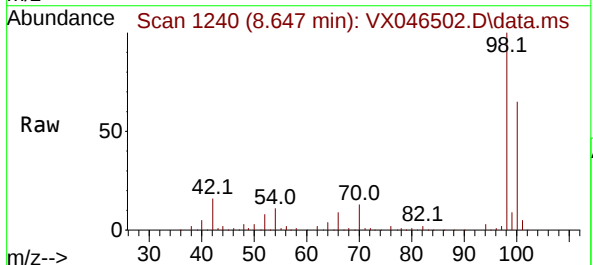
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:113 Resp: 39561
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 17.3 13.3 19.9



#50
Toluene-d8
Concen: 49.959 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046502.D
Acq: 04 Jun 2025 15:50

Tgt Ion: 98 Resp: 139866
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 50.939 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046502.D

Acq: 04 Jun 2025 15:50

Instrument :

MSVOA_X

ClientSampleId :

IBLK

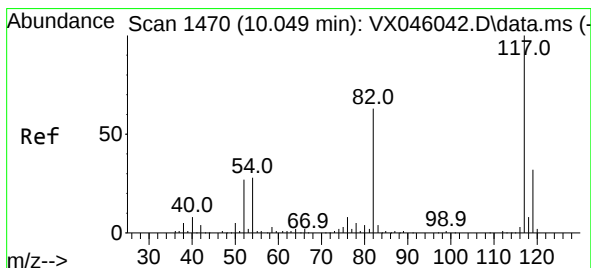
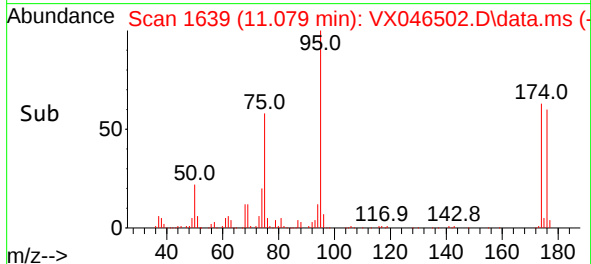
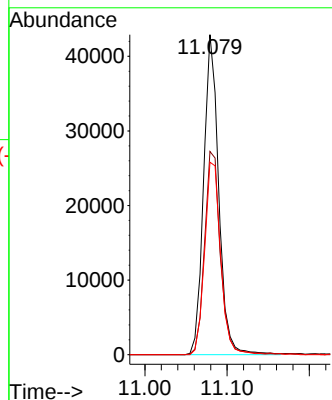
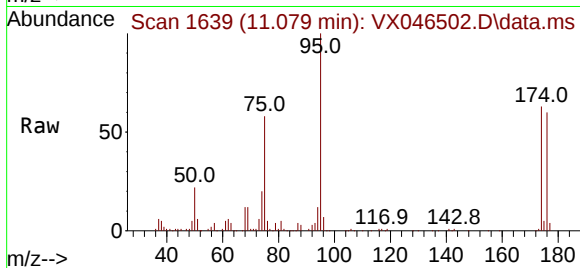
Tgt Ion: 95 Resp: 54703

Ion Ratio Lower Upper

95 100

174 67.2 0.0 135.8

176 64.3 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX046502.D

Acq: 04 Jun 2025 15:50

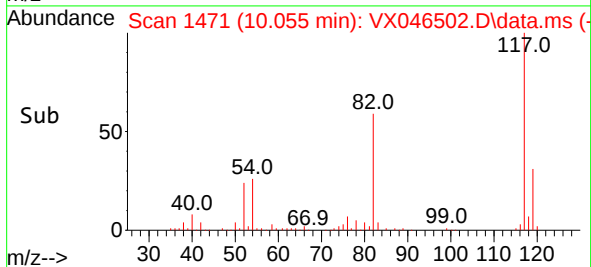
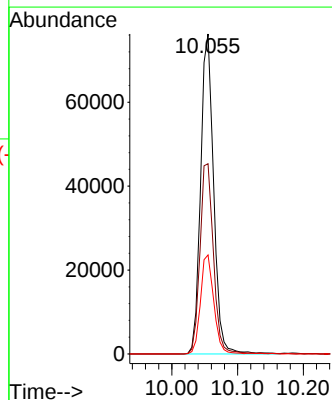
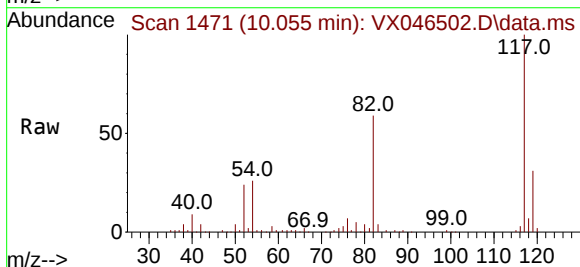
Tgt Ion: 117 Resp: 104684

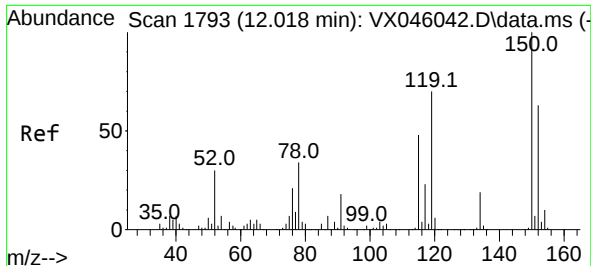
Ion Ratio Lower Upper

117 100

82 59.4 50.6 76.0

119 31.0 25.8 38.6

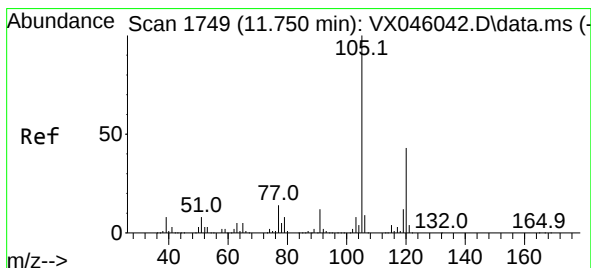
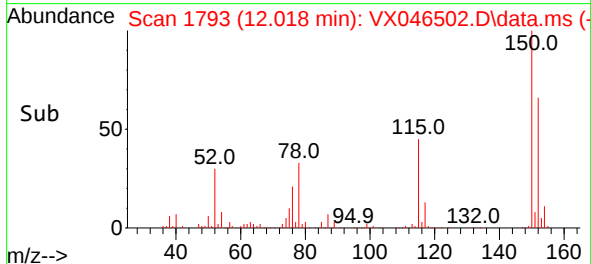
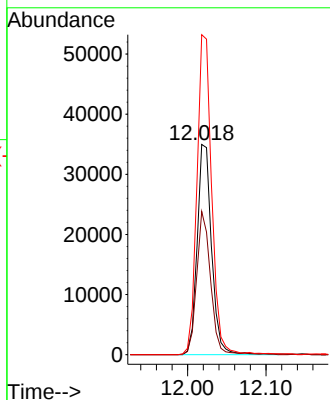
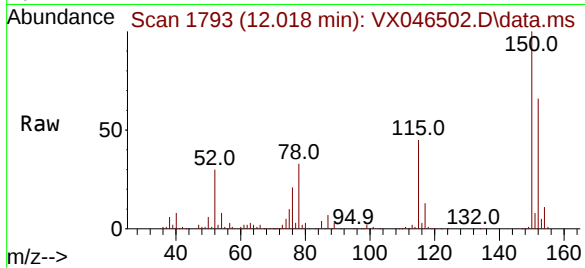




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046502.D
 Acq: 04 Jun 2025 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:152 Resp: 45023
 Ion Ratio Lower Upper
 152 100
 115 65.5 46.9 140.7
 150 155.5 0.0 351.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.110 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX046502.D
 Acq: 04 Jun 2025 15:50

Tgt Ion:105 Resp: 3291
 Ion Ratio Lower Upper
 105 100
 120 38.3 21.2 63.6

