

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046666.D
 Acq On : 12 Jun 2025 16:10
 Operator : JC/MD
 Sample : Q2275-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-060925

Quant Time: Jun 13 01:45:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

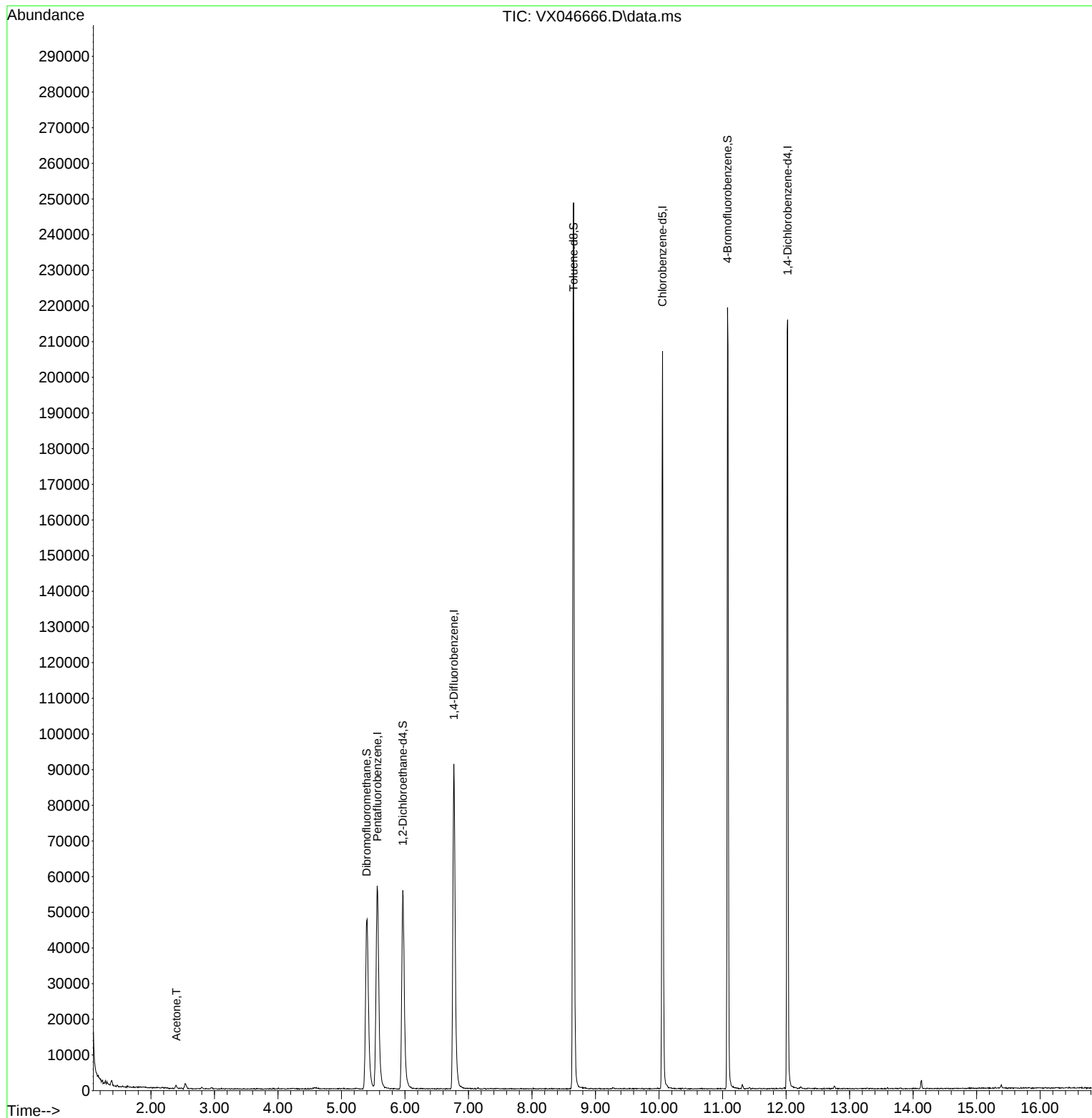
Internal Standards						
1) Pentafluorobenzene	5.562	168	56691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	96683	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	90368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58286	57.790	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.580%
35) Dibromofluoromethane	5.397	113	47119	66.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	132.540%#
50) Toluene-d8	8.653	98	149280	63.684	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	127.360%#
62) 4-Bromofluorobenzene	11.079	95	62307	64.244	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	128.480%#
Target Compounds						
16) Acetone	2.398	43	1332	7.896	ug/l	Qvalue 98

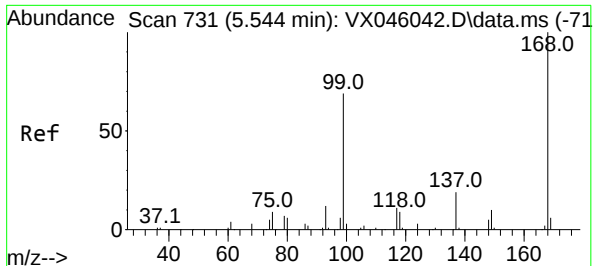
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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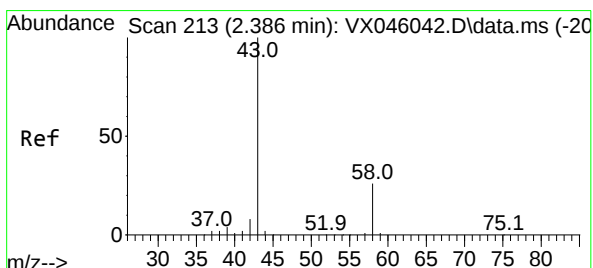
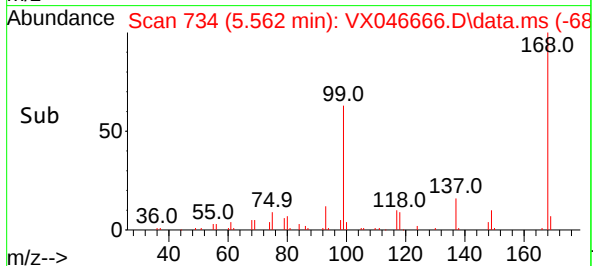
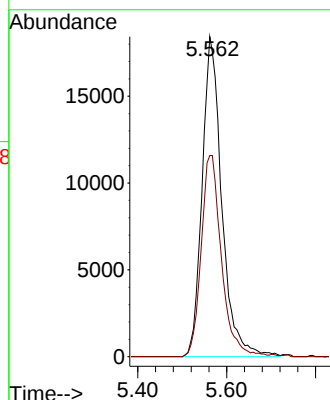
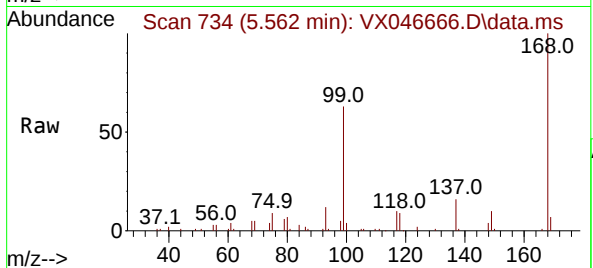




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

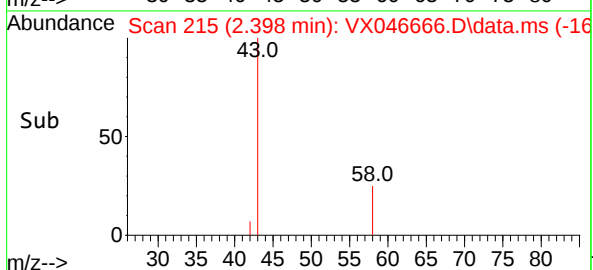
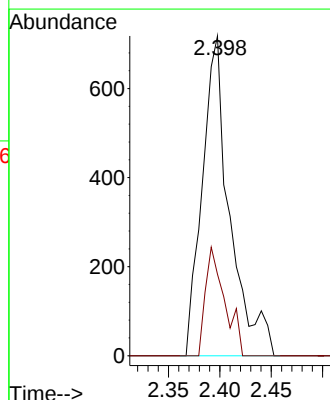
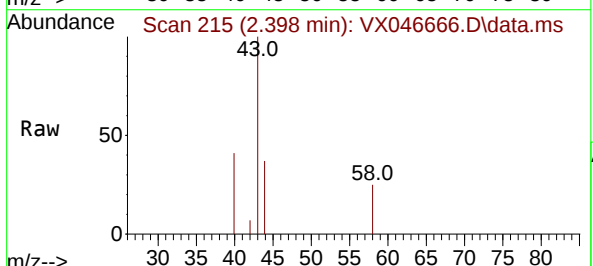
Instrument :
MSVOA_X
ClientSampleId :
TB01-060925

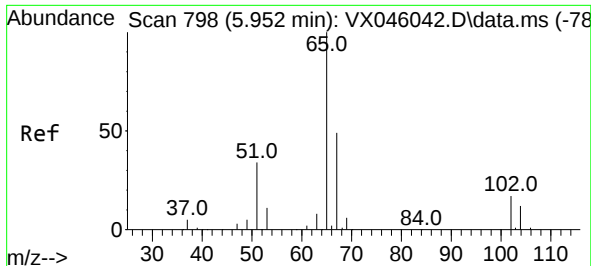
Tgt Ion:168 Resp: 56691
Ion Ratio Lower Upper
168 100
99 62.8 54.9 82.3



#16
Acetone
Concen: 7.896 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

Tgt Ion: 43 Resp: 1332
Ion Ratio Lower Upper
43 100
58 25.5 21.2 31.8

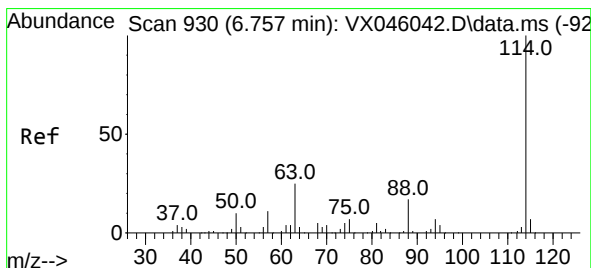
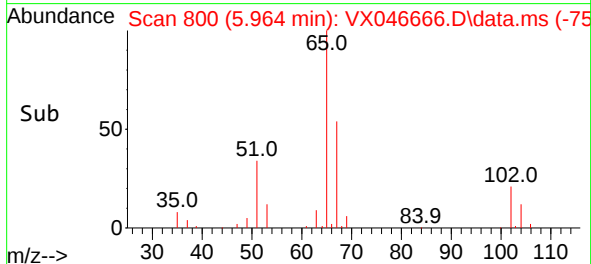
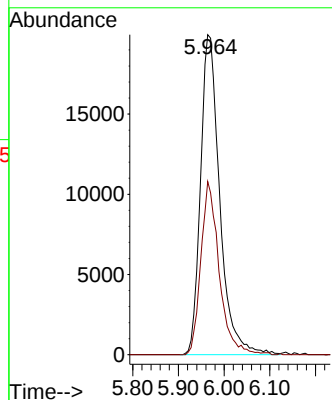
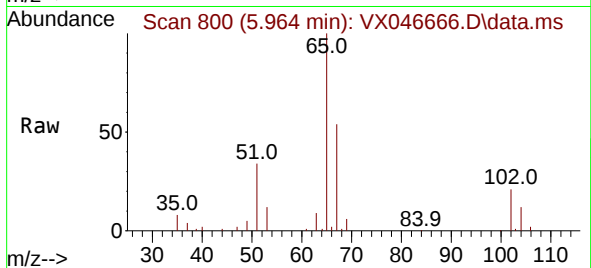




#33
 1,2-Dichloroethane-d4
 Concen: 57.790 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: VX046666.D
 Acq: 12 Jun 2025 16:10

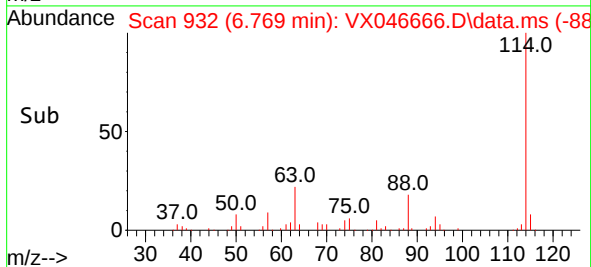
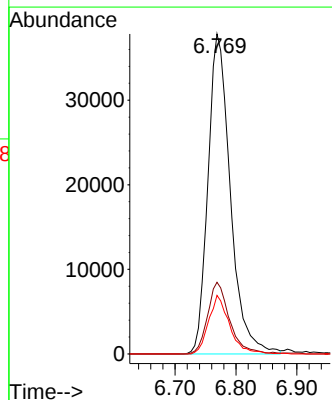
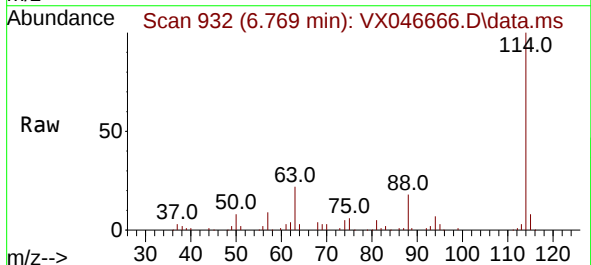
Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-060925

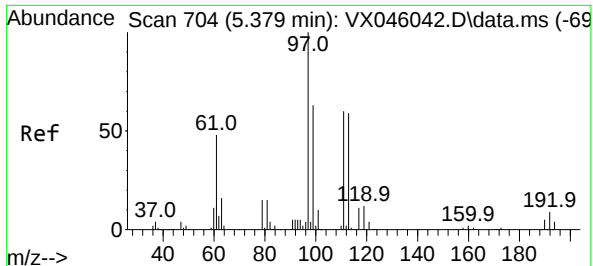
Tgt Ion: 65 Resp: 58286
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.006 min
 Lab File: VX046666.D
 Acq: 12 Jun 2025 16:10

Tgt Ion: 114 Resp: 96683
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 49.2
 88 18.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 66.271 ug/l

RT: 5.397 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX046666.D

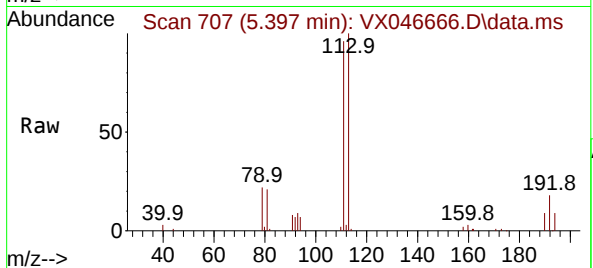
Acq: 12 Jun 2025 16:10

Instrument :

MSVOA_X

ClientSampleId :

TB01-060925



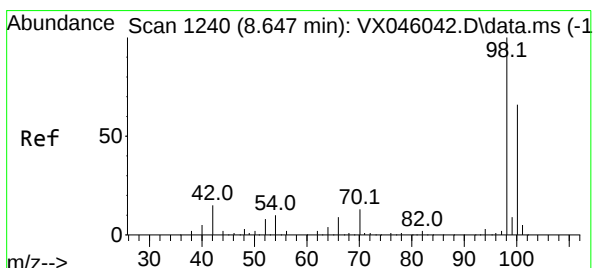
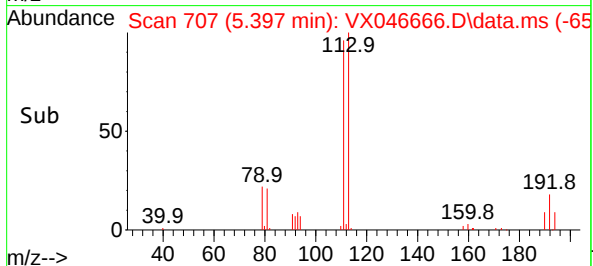
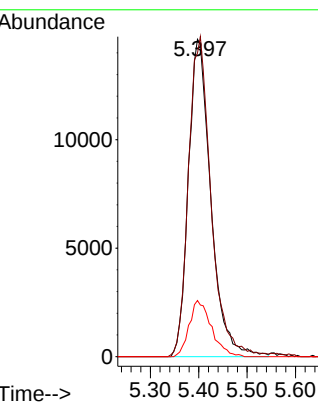
Tgt Ion:113 Resp: 47119

Ion Ratio Lower Upper

113 100

111 101.3 83.1 124.7

192 17.5 13.3 19.9



#50

Toluene-d8

Concen: 63.684 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX046666.D

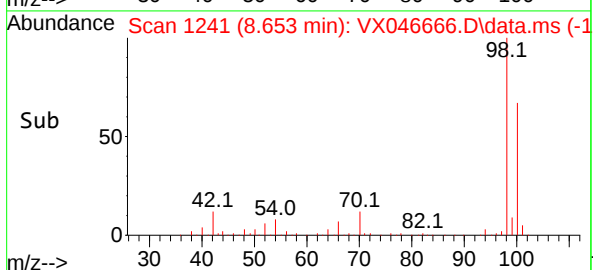
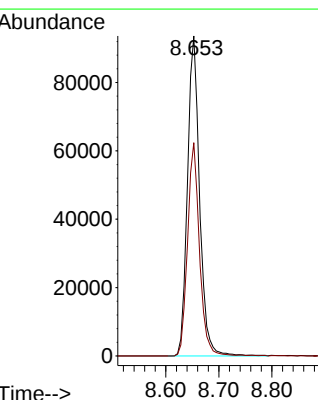
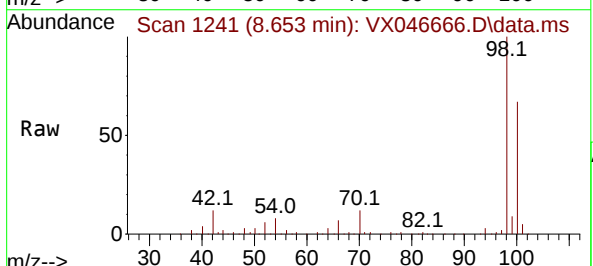
Acq: 12 Jun 2025 16:10

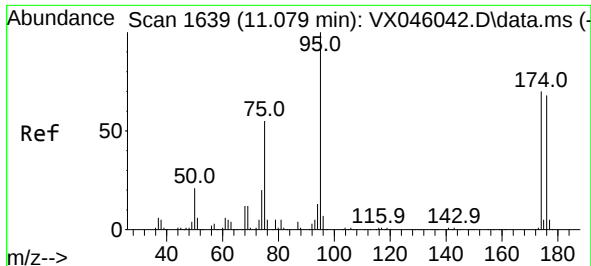
Tgt Ion: 98 Resp: 149280

Ion Ratio Lower Upper

98 100

100 65.5 53.5 80.3

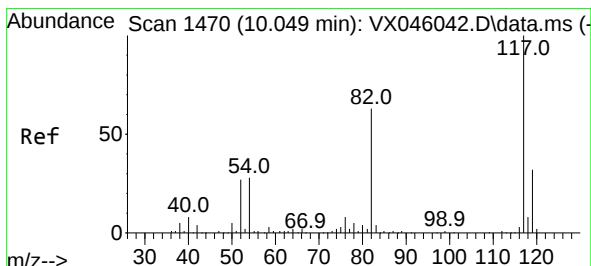
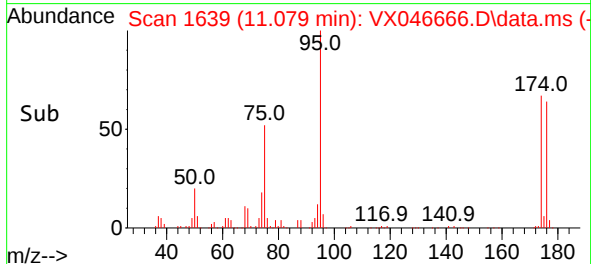
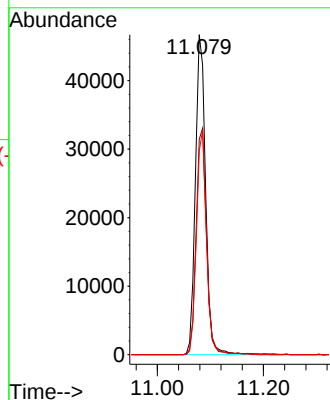
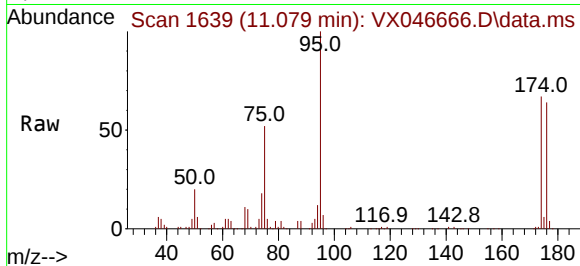




#62
4-Bromofluorobenzene
Concen: 64.244 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

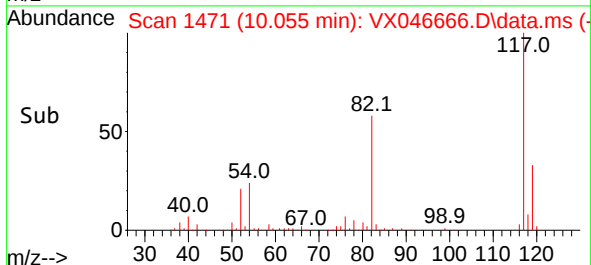
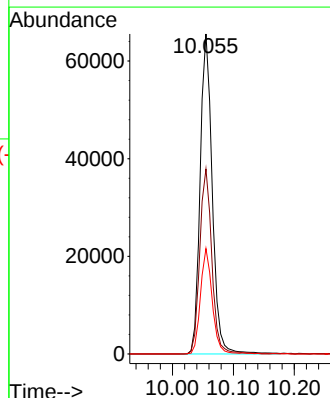
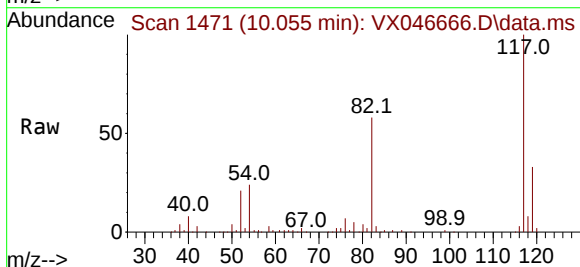
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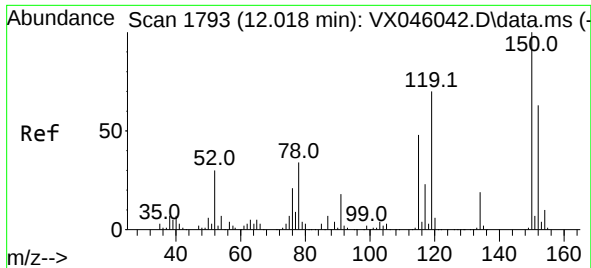
Tgt Ion: 95 Resp: 62307
Ion Ratio Lower Upper
95 100
174 71.7 0.0 135.8
176 68.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

Tgt Ion: 117 Resp: 90368
Ion Ratio Lower Upper
117 100
82 57.8 50.6 76.0
119 33.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046666.D

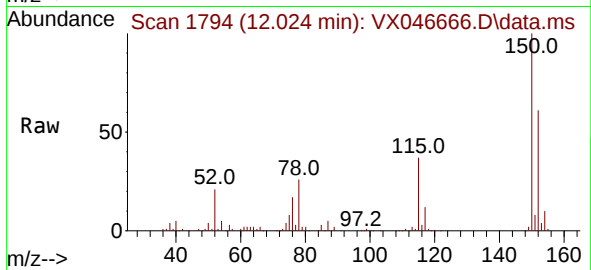
Acq: 12 Jun 2025 16:10

Instrument :

MSVOA_X

ClientSampleId :

TB01-060925



Tgt Ion:152 Resp: 46107

Ion Ratio Lower Upper

152 100

115 63.3 46.9 140.7

150 159.6 0.0 351.0

