

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046668.D
 Acq On : 12 Jun 2025 16:55
 Operator : JC/MD
 Sample : Q2275-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-060925

Quant Time: Jun 13 01:46:27 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)

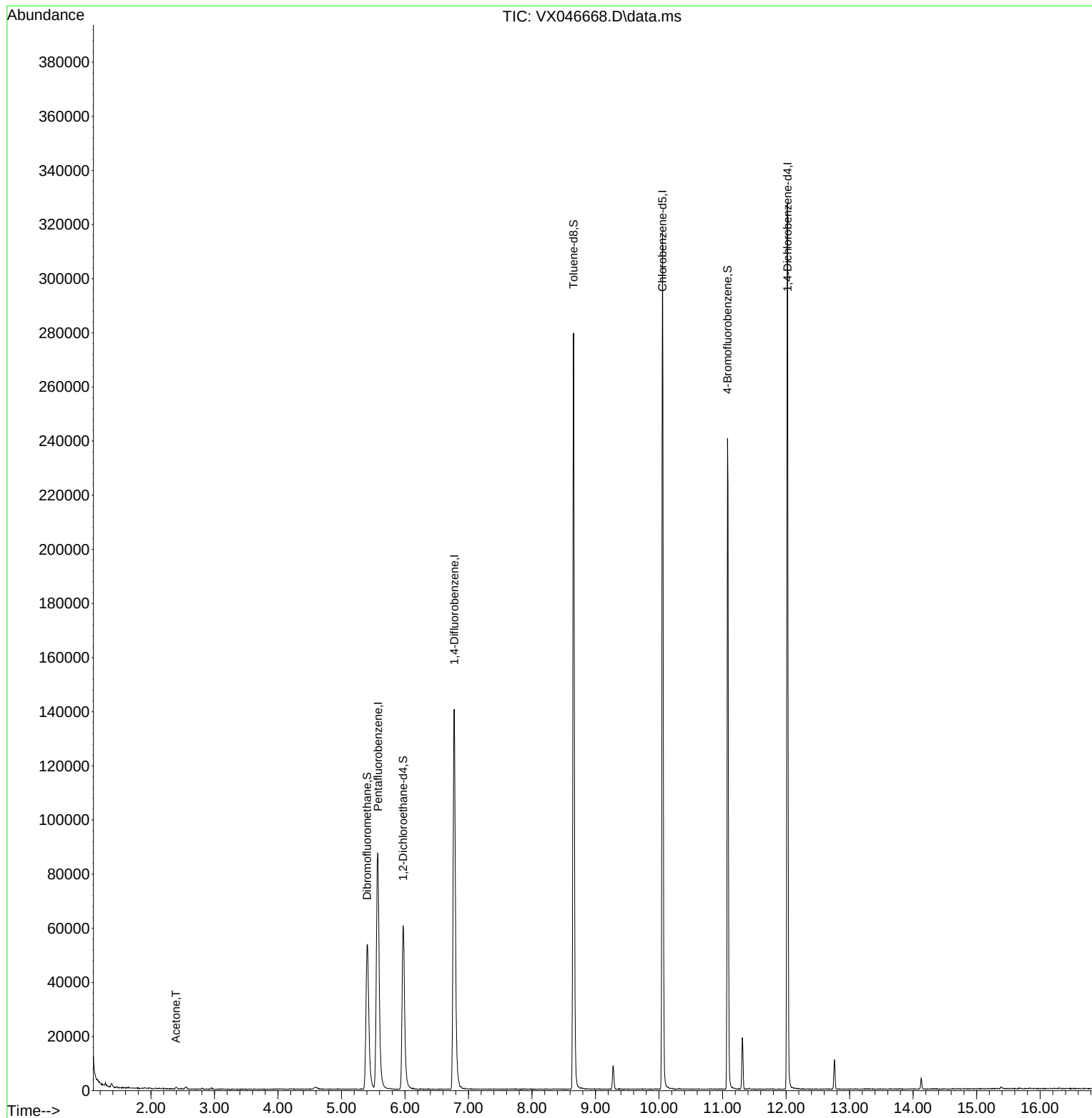
Internal Standards						
1) Pentafluorobenzene	5.574	168	87075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	148474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	64851	41.862	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.720%
35) Dibromofluoromethane	5.403	113	51974	47.601	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.200%
50) Toluene-d8	8.653	98	165485	45.971	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.940%
62) 4-Bromofluorobenzene	11.079	95	68623	46.075	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.140%
Target Compounds						
16) Acetone	2.392	43	999	6.206	ug/l	Qvalue 90

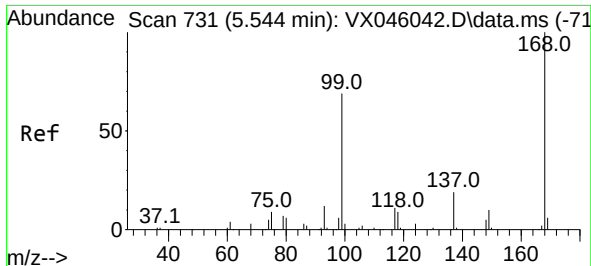
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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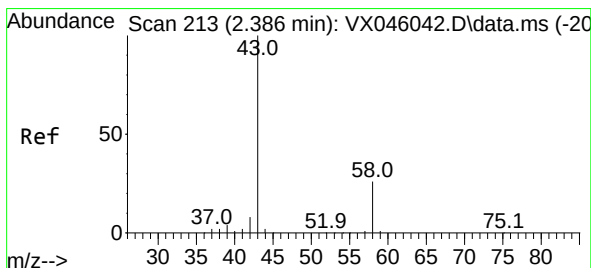
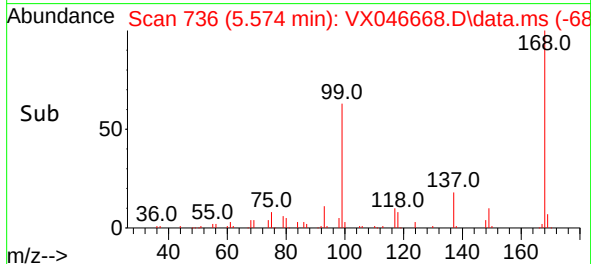
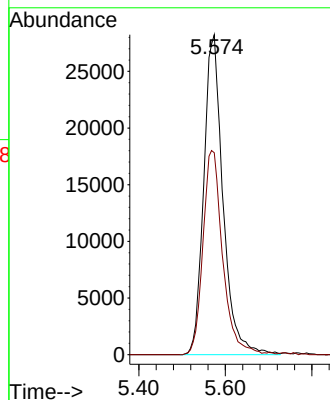
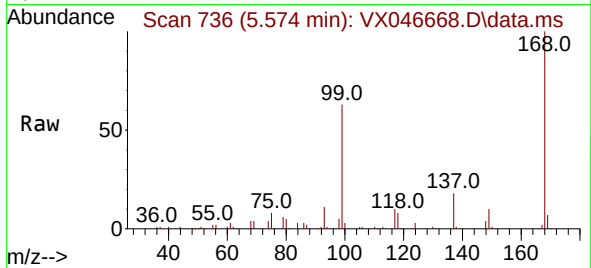




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046668.D
Acq: 12 Jun 2025 16:55

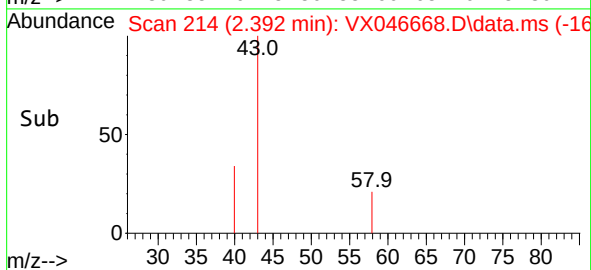
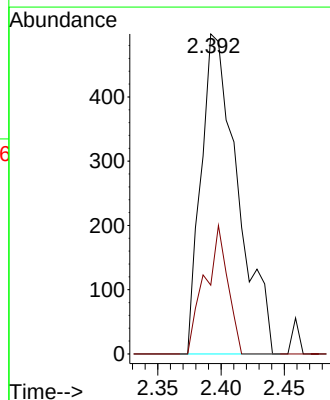
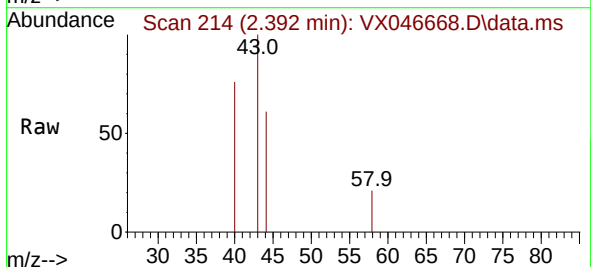
Instrument :
MSVOA_X
ClientSampleId :
TB01-060925

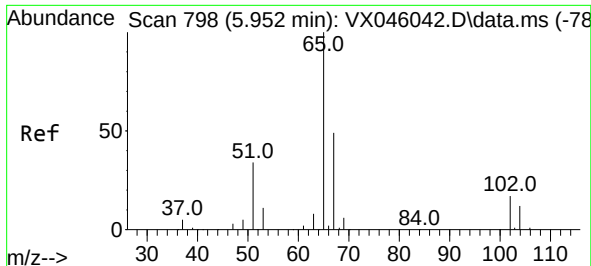
Tgt Ion:168 Resp: 87075
Ion Ratio Lower Upper
168 100
99 63.1 54.9 82.3



#16
Acetone
Concen: 6.206 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046668.D
Acq: 12 Jun 2025 16:55

Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
58 21.5 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 41.862 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.000 min

Lab File: VX046668.D

Acq: 12 Jun 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

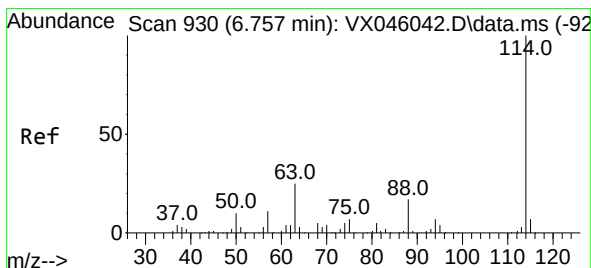
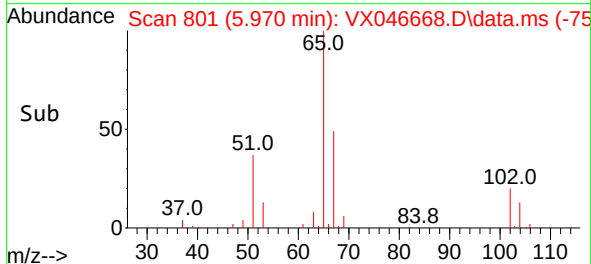
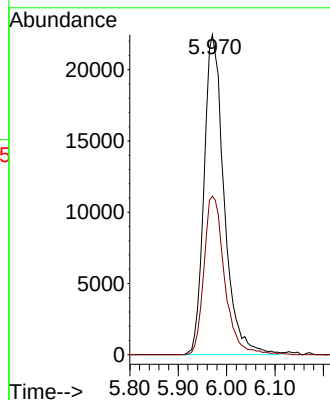
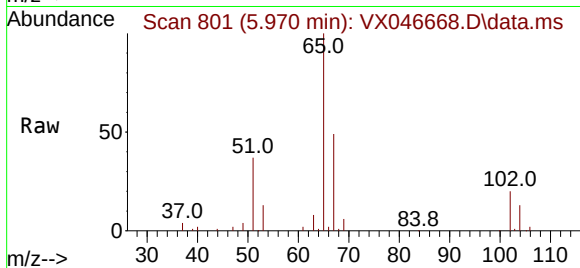
TB01-060925

Tgt Ion: 65 Resp: 64851

Ion Ratio Lower Upper

65 100

67 51.0 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.000 min

Lab File: VX046668.D

Acq: 12 Jun 2025 16:55

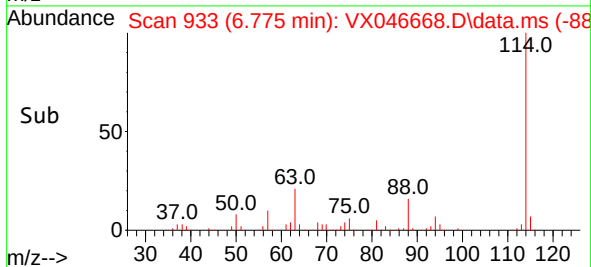
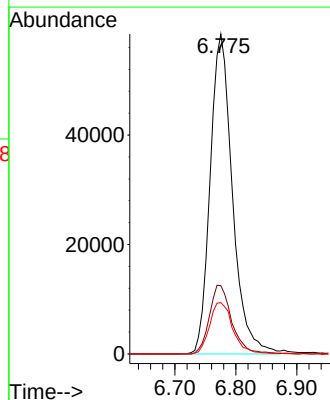
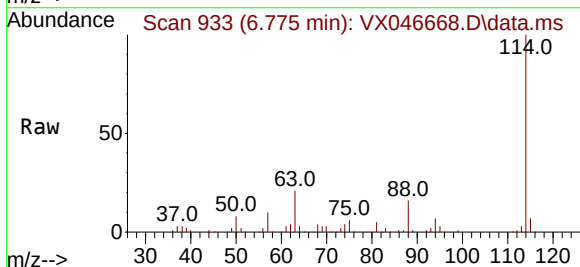
Tgt Ion: 114 Resp: 148474

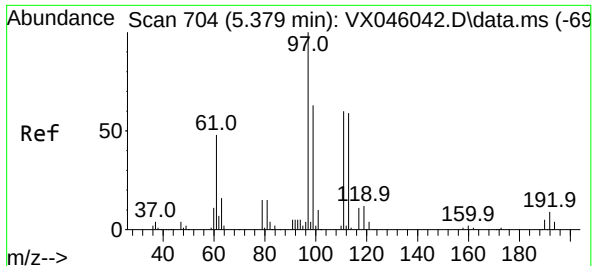
Ion Ratio Lower Upper

114 100

63 21.3 0.0 49.2

88 16.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 47.601 ug/l

RT: 5.403 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046668.D

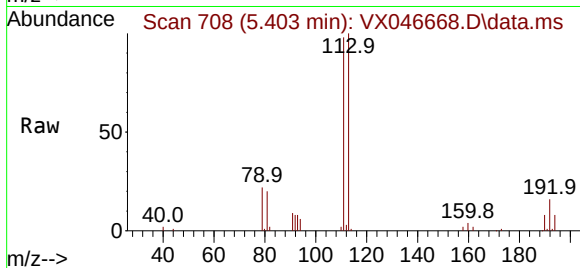
Acq: 12 Jun 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

TB01-060925



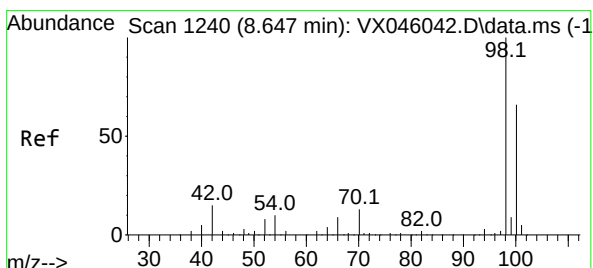
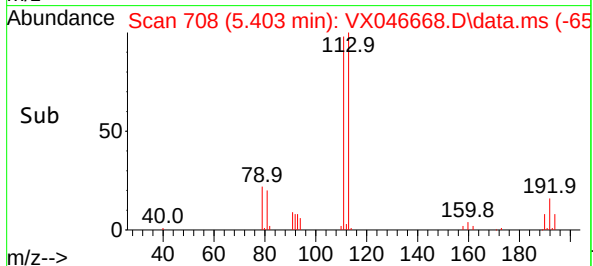
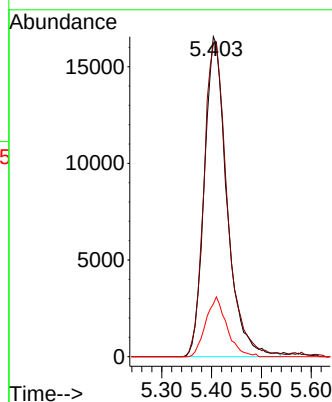
Tgt Ion:113 Resp: 51974

Ion Ratio Lower Upper

113 100

111 102.0 83.1 124.7

192 17.6 13.3 19.9



#50

Toluene-d8

Concen: 45.971 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX046668.D

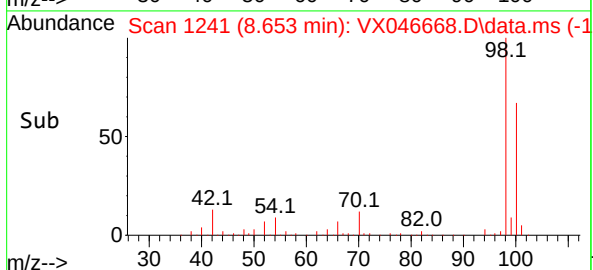
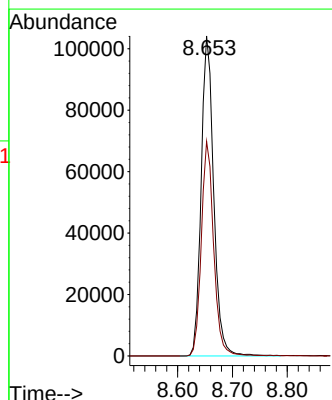
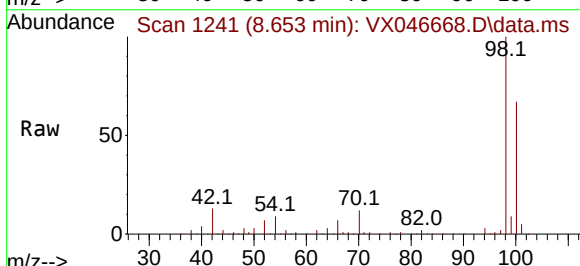
Acq: 12 Jun 2025 16:55

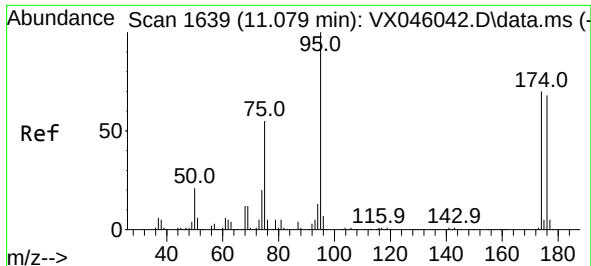
Tgt Ion: 98 Resp: 165485

Ion Ratio Lower Upper

98 100

100 66.2 53.5 80.3

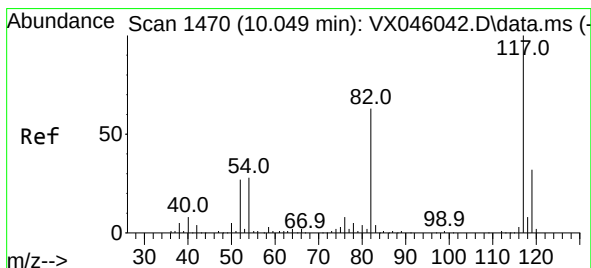
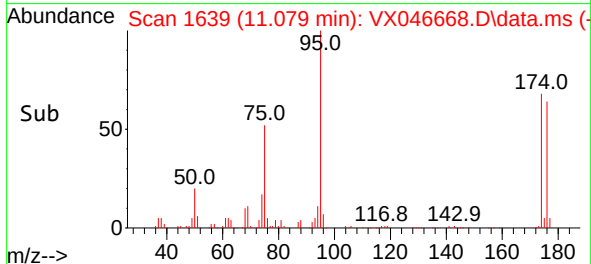
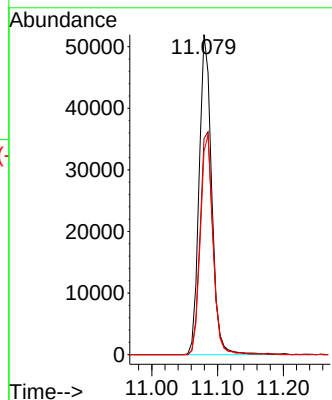
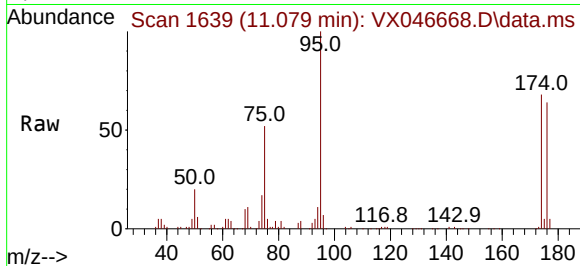




#62
4-Bromofluorobenzene
Concen: 46.075 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046668.D
Acq: 12 Jun 2025 16:55

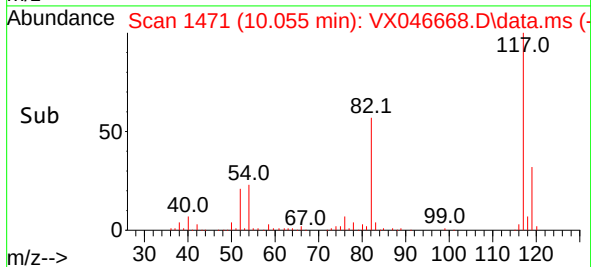
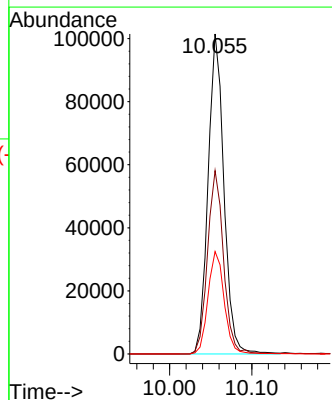
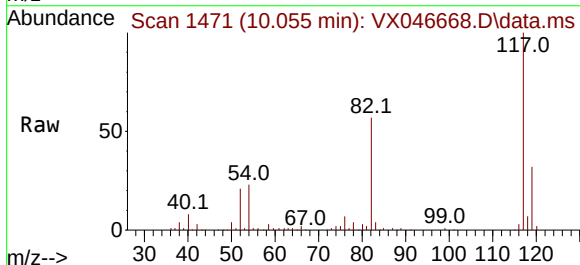
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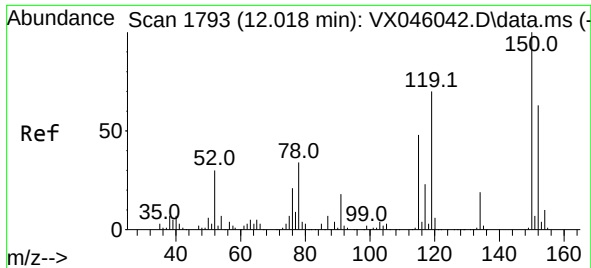
Tgt Ion: 95 Resp: 68623
Ion Ratio Lower Upper
95 100
174 71.9 0.0 135.8
176 69.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046668.D
Acq: 12 Jun 2025 16:55

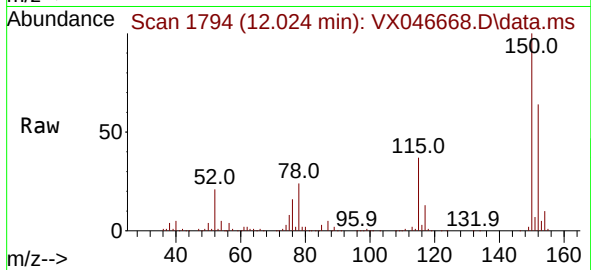
Tgt Ion: 117 Resp: 135692
Ion Ratio Lower Upper
117 100
82 57.3 50.6 76.0
119 32.0 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046668.D
 Acq: 12 Jun 2025 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-060925



Tgt Ion:152 Resp: 70754
 Ion Ratio Lower Upper
 152 100
 115 60.8 46.9 140.7
 150 156.1 0.0 351.0

