

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046765.D
 Acq On : 19 Jun 2025 12:33
 Operator : JC/MD
 Sample : Q2334-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW3

Quant Time: Jun 20 05:19:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

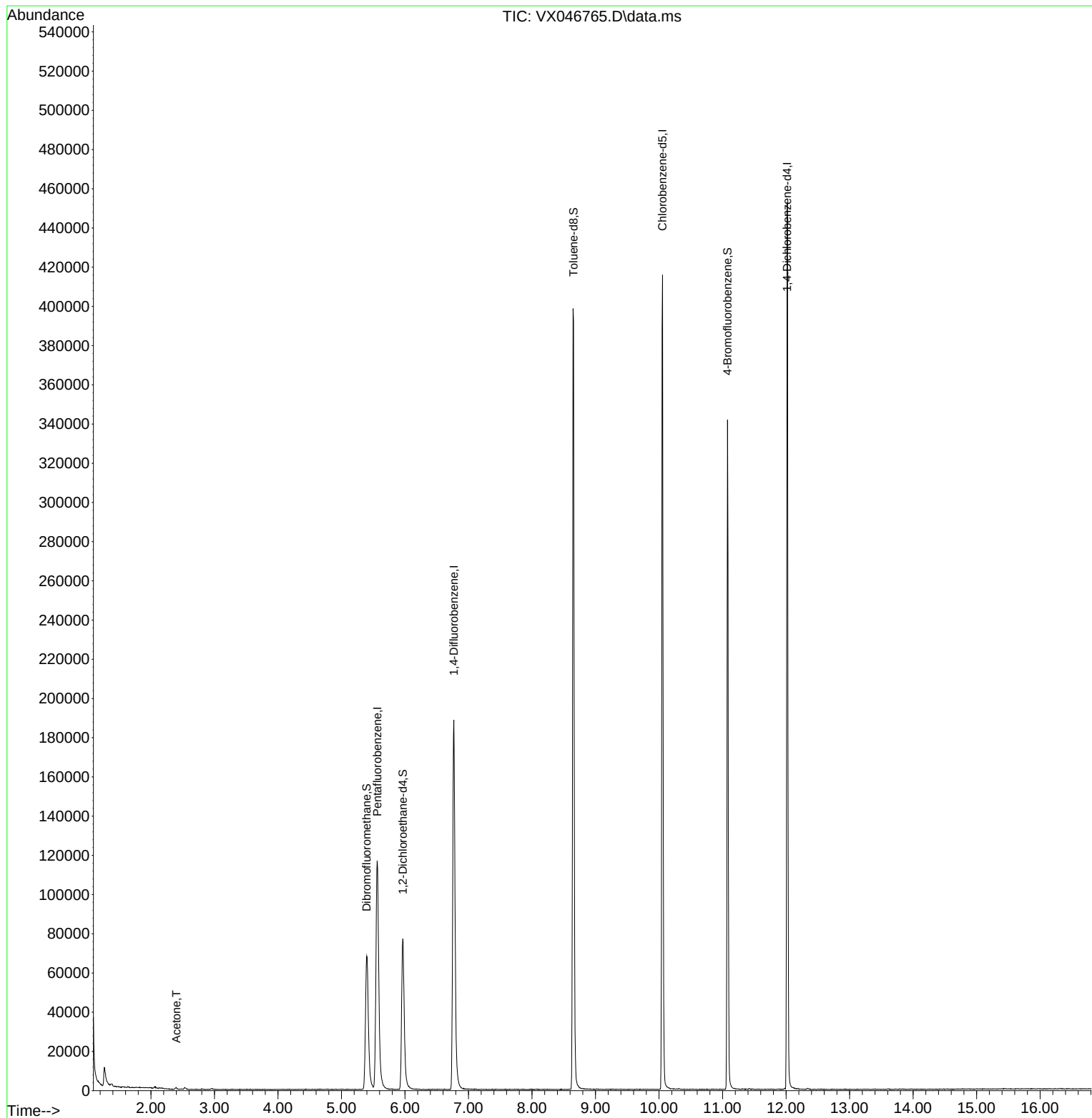
Internal Standards						
1) Pentafluorobenzene	5.562	168	123418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	207193	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	82408	48.274	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.540%
35) Dibromofluoromethane	5.397	113	67098	48.946	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.900%
50) Toluene-d8	8.653	98	249208	50.599	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.200%
62) 4-Bromofluorobenzene	11.079	95	93782	51.082	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.160%
Target Compounds						
16) Acetone	2.398	43	1291	2.268	ug/l	Qvalue # 83

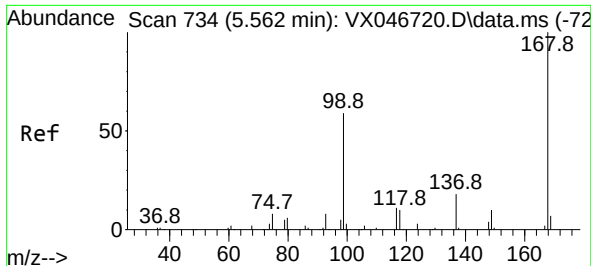
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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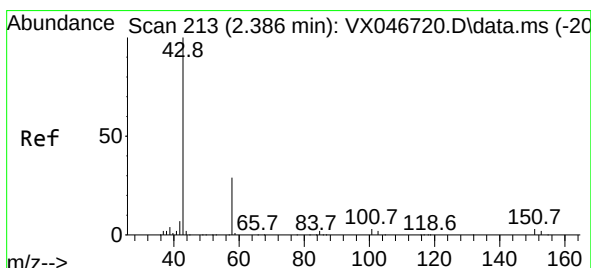
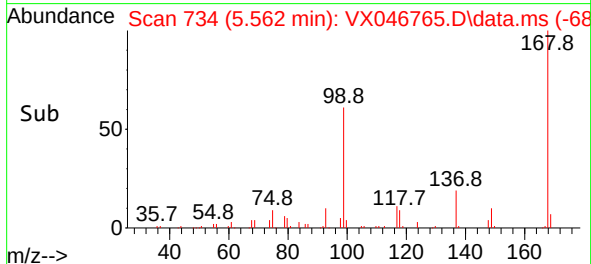
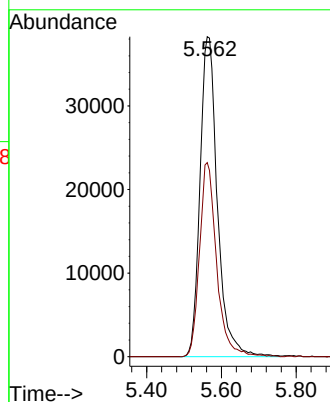
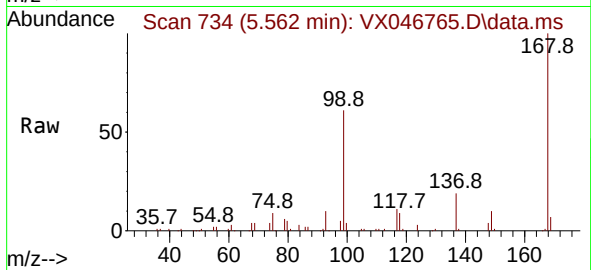




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

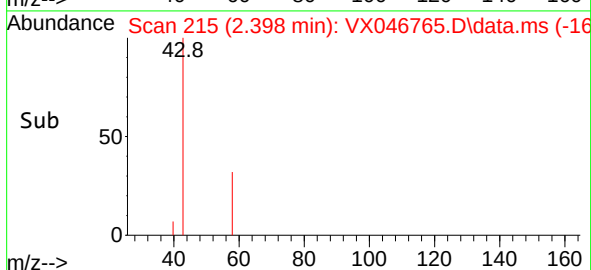
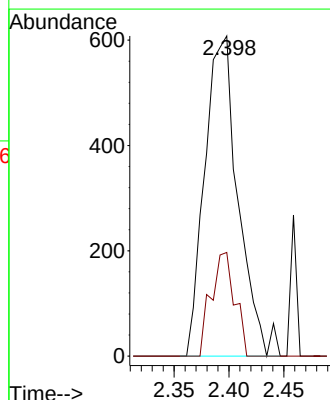
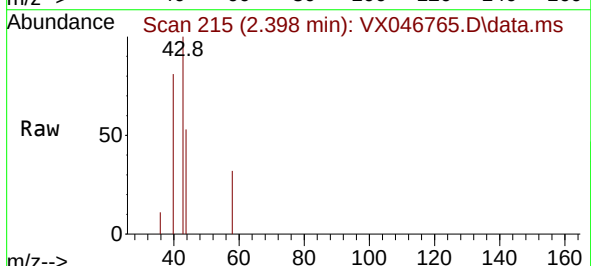
Instrument :
MSVOA_X
ClientSampleId :
MW3

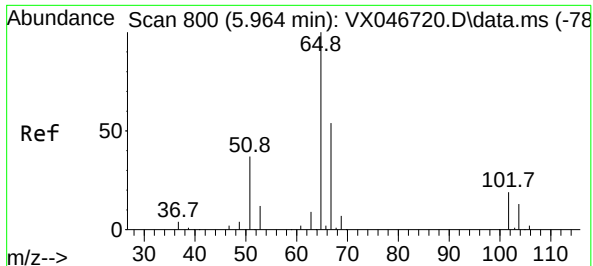
Tgt Ion:168 Resp: 123418
Ion Ratio Lower Upper
168 100
99 60.7 48.5 72.7



#16
Acetone
Concen: 2.268 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
58 21.2 24.5 36.7#





#33

1,2-Dichloroethane-d4

Concen: 48.274 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX046765.D

Acq: 19 Jun 2025 12:33

Instrument :

MSVOA_X

ClientSampleId :

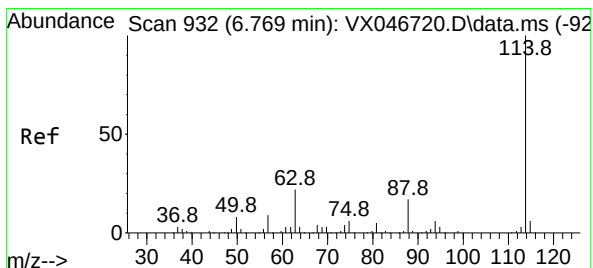
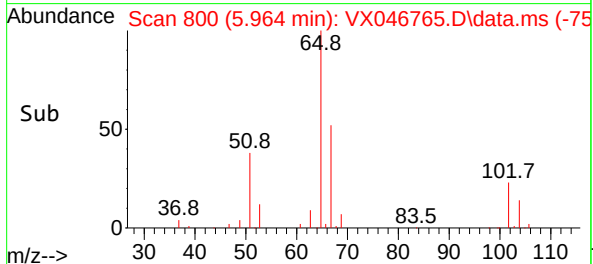
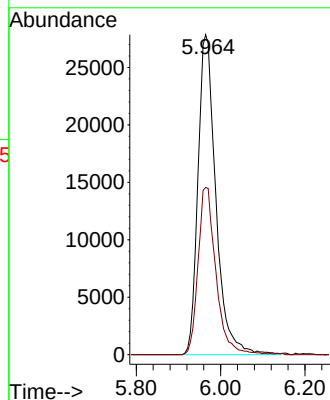
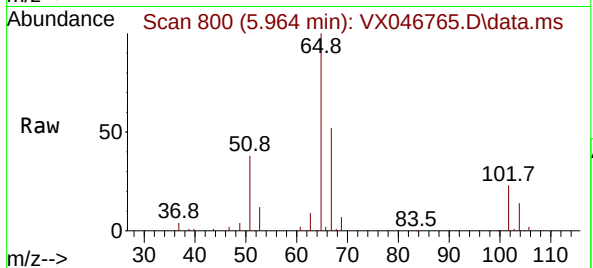
MW3

Tgt Ion: 65 Resp: 82408

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX046765.D

Acq: 19 Jun 2025 12:33

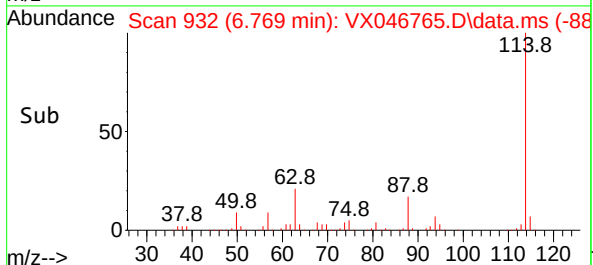
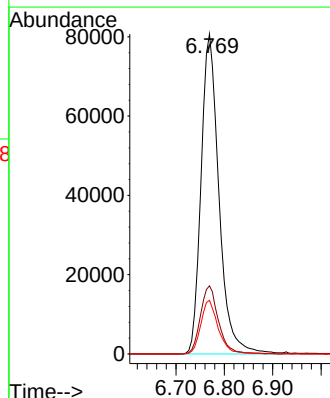
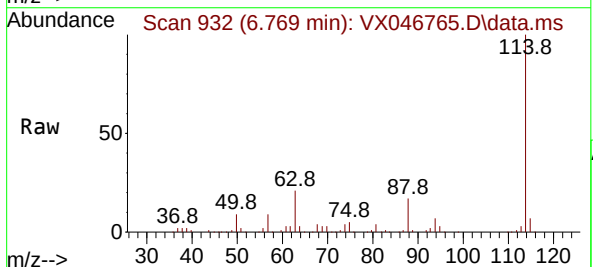
Tgt Ion: 114 Resp: 207193

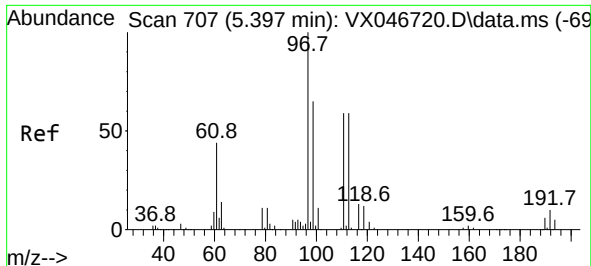
Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.2

88 16.8 0.0 33.2

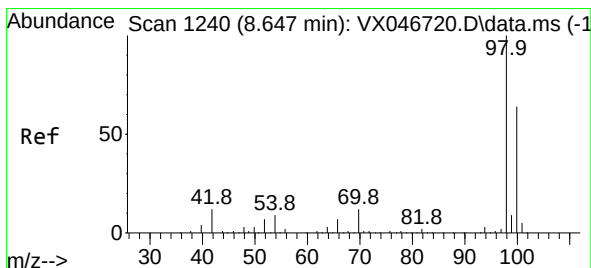
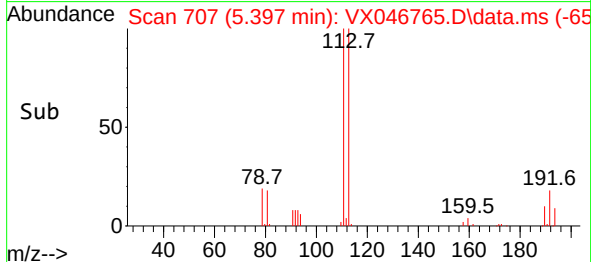
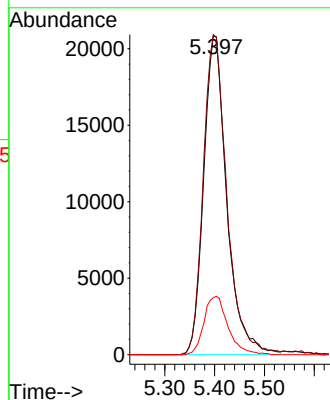
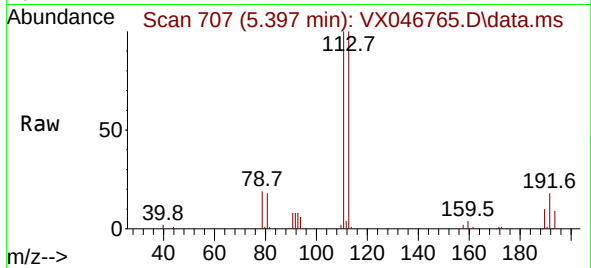




#35
Dibromofluoromethane
Concen: 48.946 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

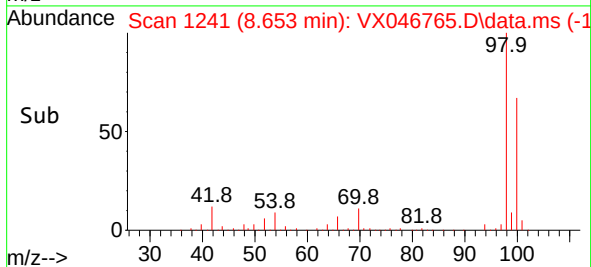
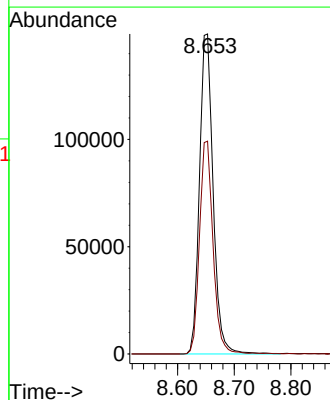
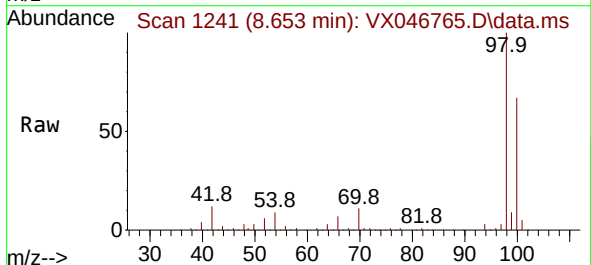
Instrument :
MSVOA_X
ClientSampleId :
MW3

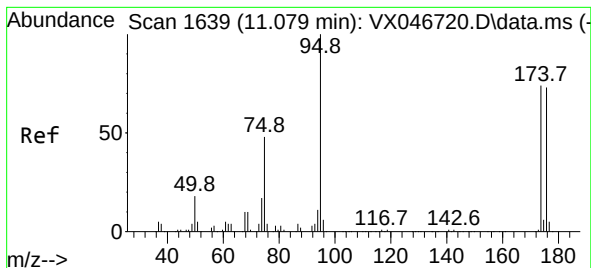
Tgt Ion:113 Resp: 67098
Ion Ratio Lower Upper
113 100
111 103.0 82.0 123.0
192 19.0 15.3 22.9



#50
Toluene-d8
Concen: 50.599 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

Tgt Ion: 98 Resp: 249208
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4

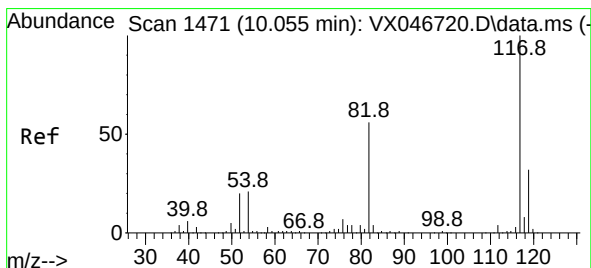
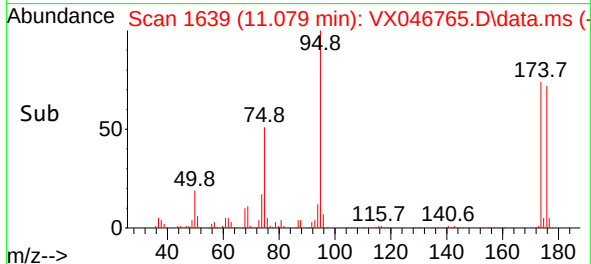
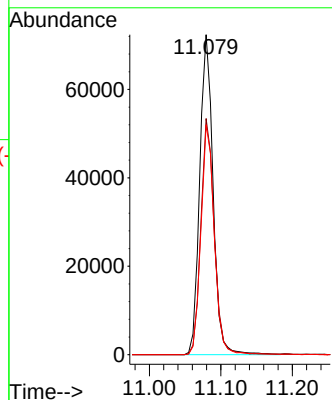
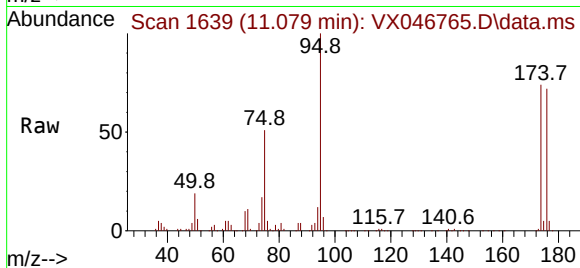




#62
4-Bromofluorobenzene
Concen: 51.082 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

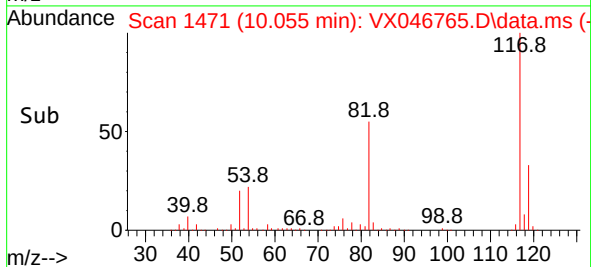
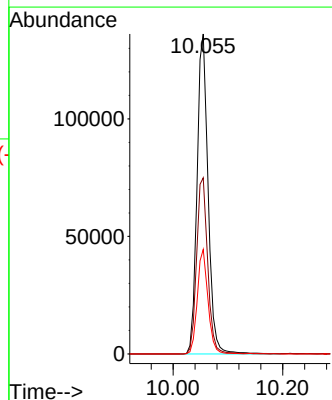
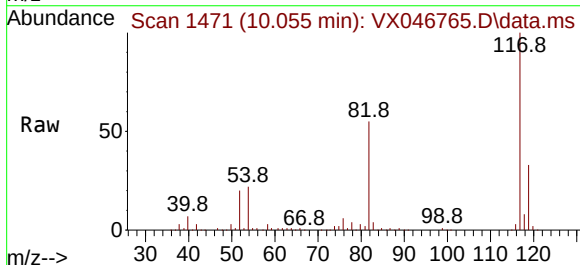
Instrument :
MSVOA_X
ClientSampleId :
MW3

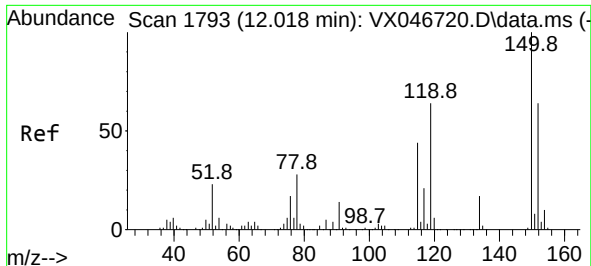
Tgt Ion: 95 Resp: 93782
Ion Ratio Lower Upper
95 100
174 74.3 0.0 150.4
176 72.0 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046765.D
Acq: 19 Jun 2025 12:33

Tgt Ion: 117 Resp: 191314
Ion Ratio Lower Upper
117 100
82 55.1 44.6 66.8
119 32.7 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046765.D

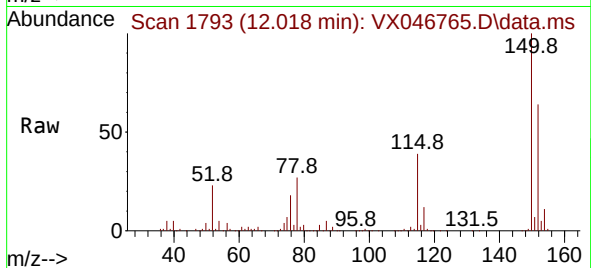
Acq: 19 Jun 2025 12:33

Instrument :

MSVOA_X

ClientSampleId :

MW3



Tgt Ion:152 Resp: 92623

Ion Ratio Lower Upper

152 100

115 60.8 43.2 129.6

150 156.8 0.0 346.8

