

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046772.D
 Acq On : 19 Jun 2025 16:06
 Operator : JC/MD
 Sample : Q2372-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAV2W

Quant Time: Jun 20 05:21:50 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)

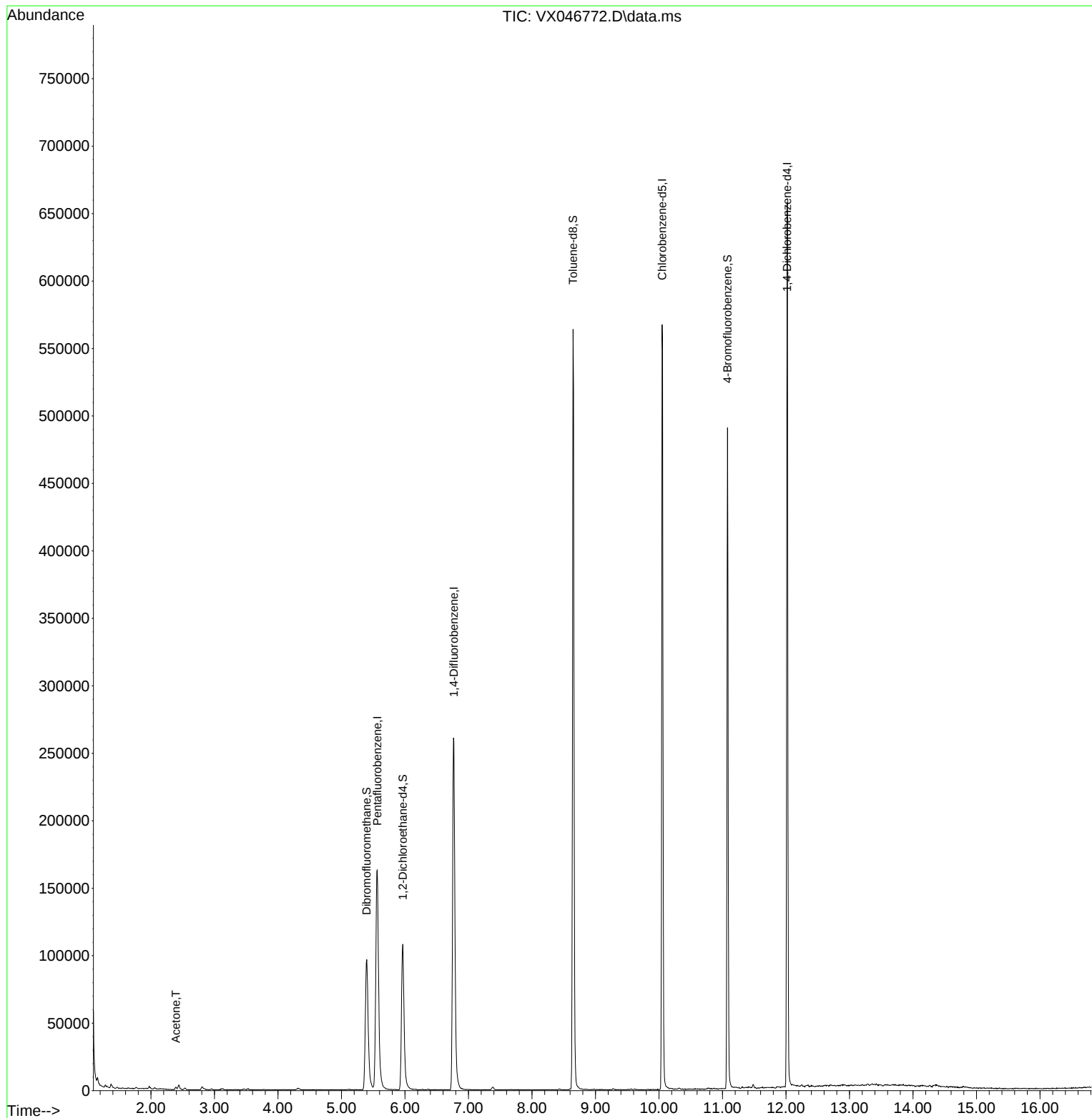
Internal Standards						
1) Pentafluorobenzene	5.562	168	168816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	291352	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	260859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	131317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113764	48.721	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.440%
35) Dibromofluoromethane	5.397	113	93762	48.640	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.280%
50) Toluene-d8	8.647	98	344634	49.762	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.520%
62) 4-Bromofluorobenzene	11.079	95	132598	51.362	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.720%
Target Compounds						
16) Acetone	2.392	43	2557	3.284	ug/l	Qvalue # 85

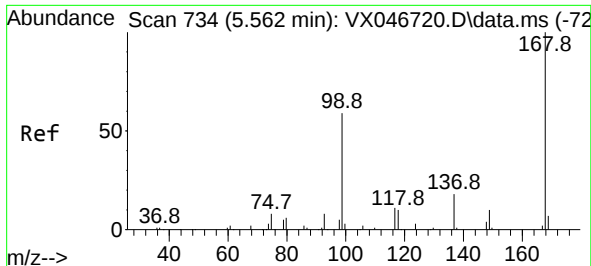
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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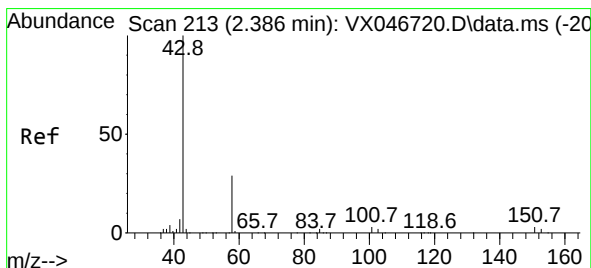
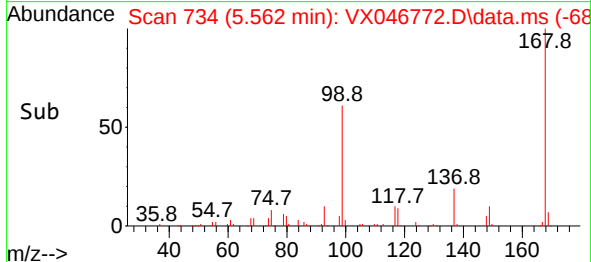
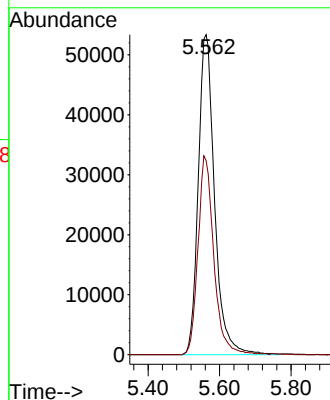
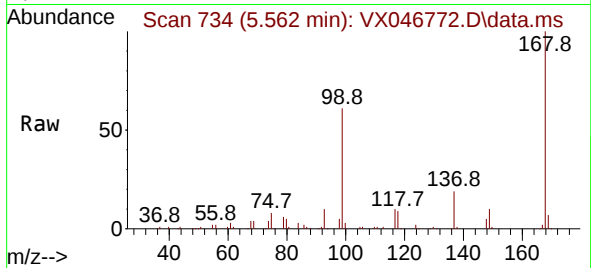




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

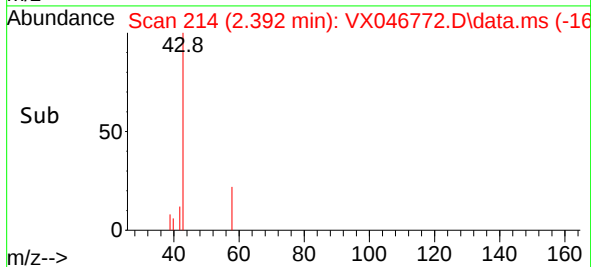
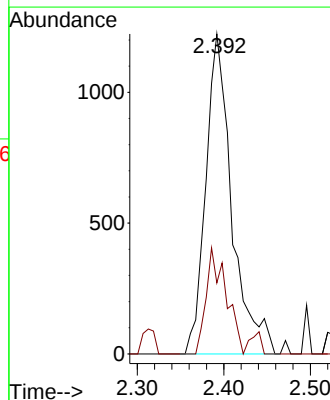
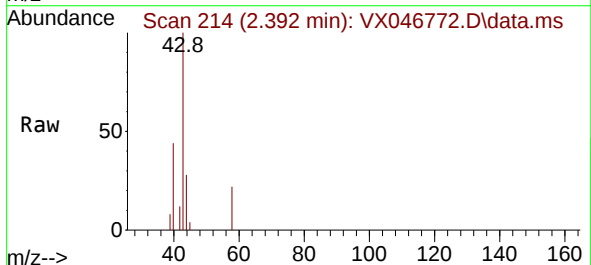
Instrument :
MSVOA_X
ClientSampleId :
GAV2W

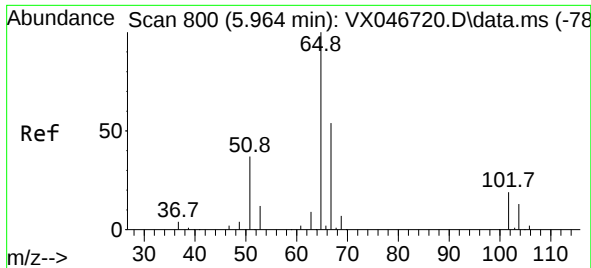
Tgt Ion:168 Resp: 168816
Ion Ratio Lower Upper
168 100
99 60.7 48.5 72.7



#16
Acetone
Concen: 3.284 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Tgt Ion: 43 Resp: 2557
Ion Ratio Lower Upper
43 100
58 22.2 24.5 36.7#

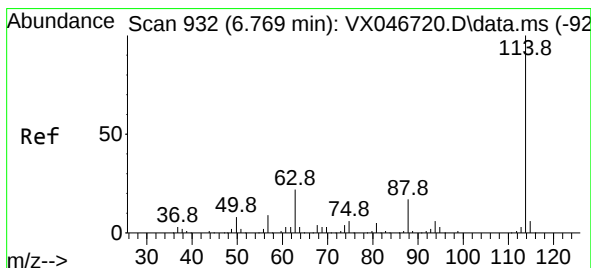
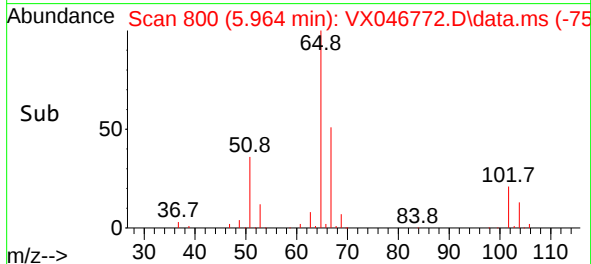
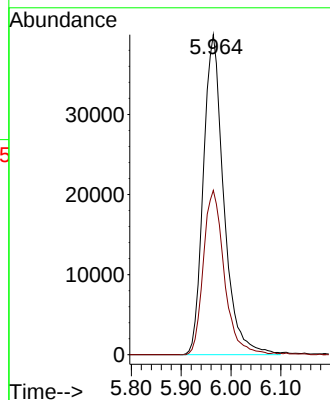
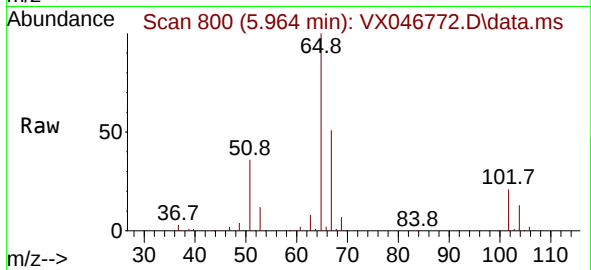




#33
 1,2-Dichloroethane-d4
 Concen: 48.721 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX046772.D
 Acq: 19 Jun 2025 16:06

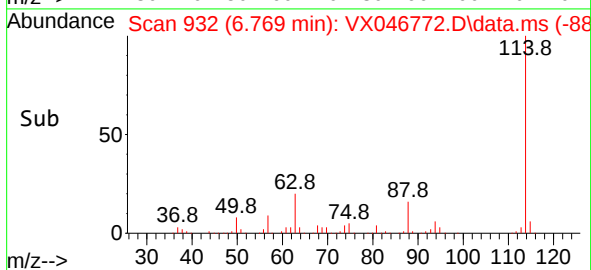
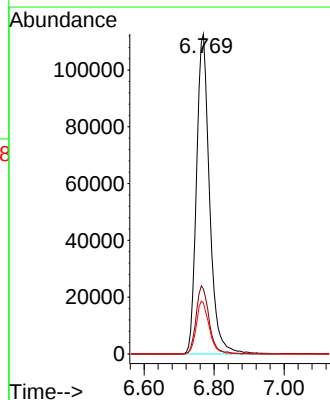
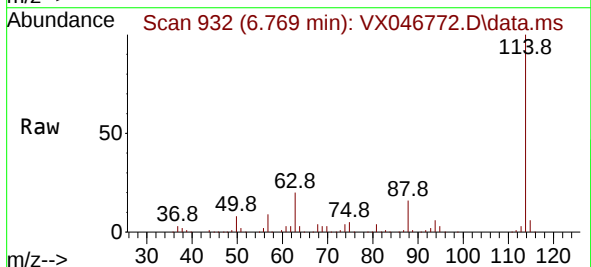
Instrument :
 MSVOA_X
 ClientSampleId :
 GAV2W

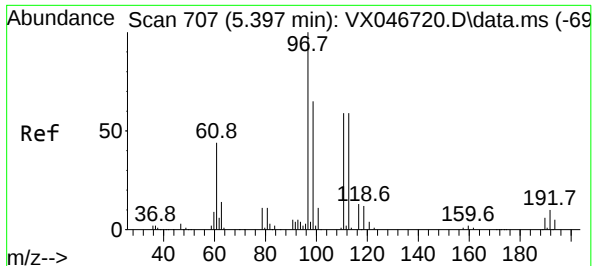
Tgt Ion: 65 Resp: 113764
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046772.D
 Acq: 19 Jun 2025 16:06

Tgt Ion: 114 Resp: 291352
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 44.2
 88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.640 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX046772.D

Acq: 19 Jun 2025 16:06

Instrument :

MSVOA_X

ClientSampleId :

GAV2W

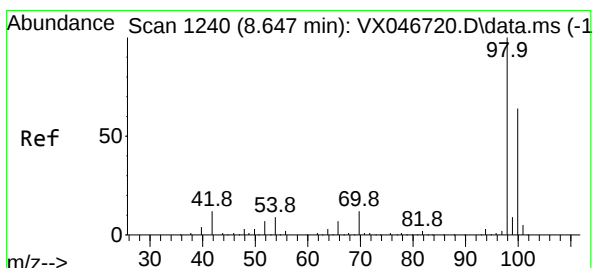
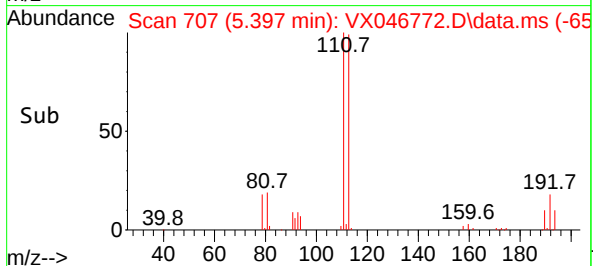
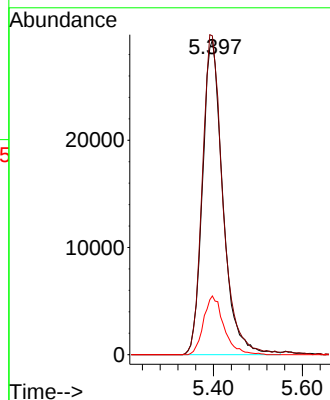
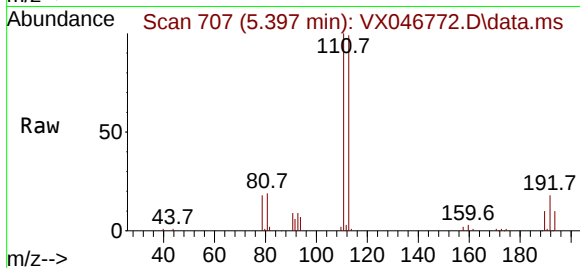
Tgt Ion:113 Resp: 93762

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

192 18.6 15.3 22.9



#50

Toluene-d8

Concen: 49.762 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX046772.D

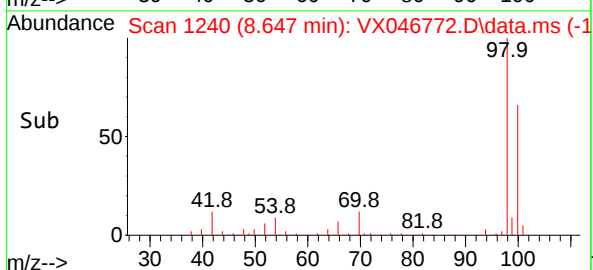
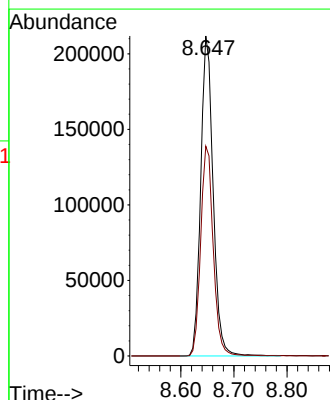
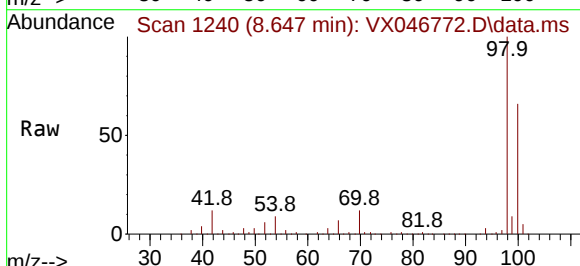
Acq: 19 Jun 2025 16:06

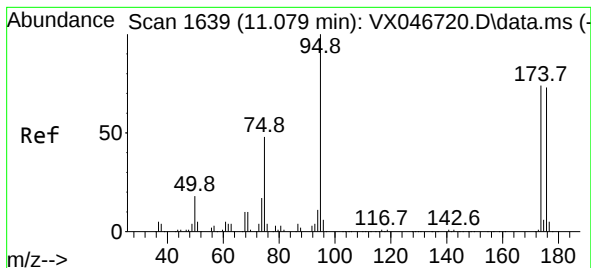
Tgt Ion: 98 Resp: 344634

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4

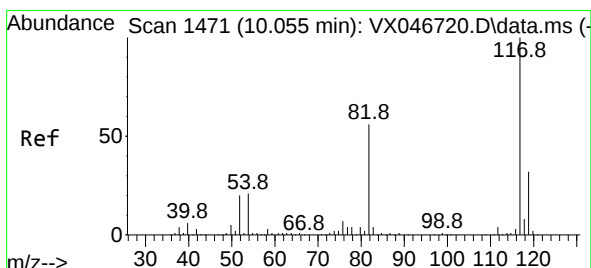
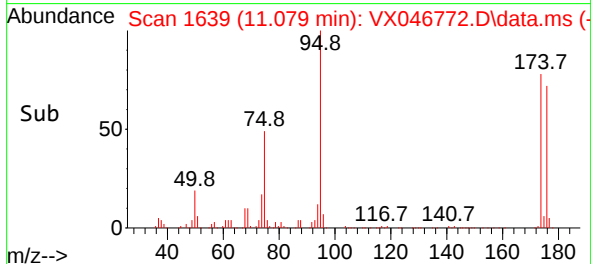
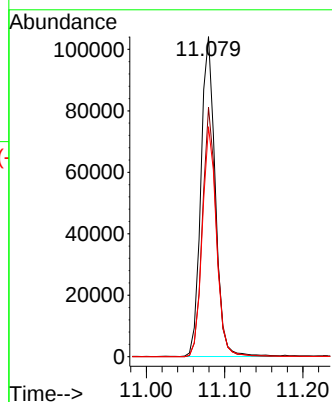
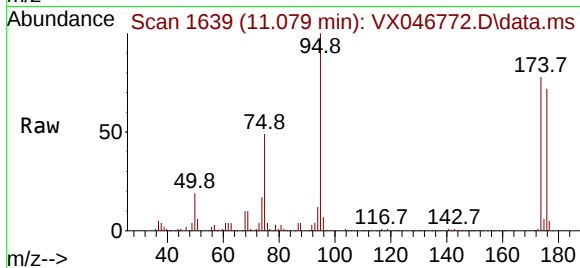




#62
4-Bromofluorobenzene
Concen: 51.362 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

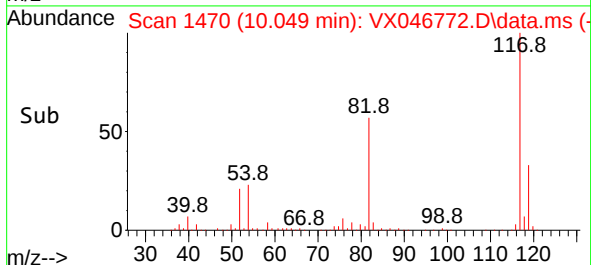
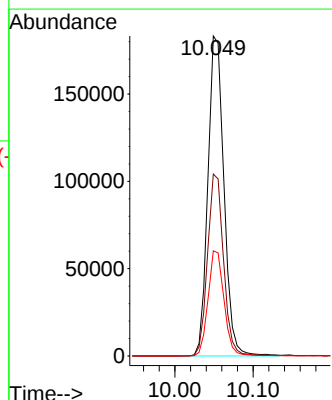
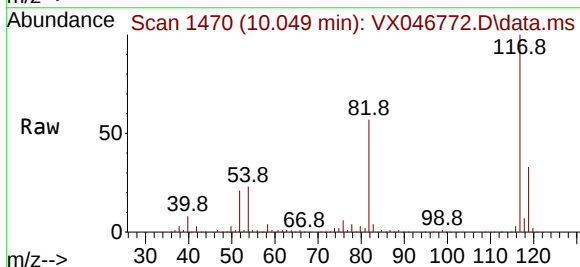
Instrument :
MSVOA_X
ClientSampleId :
GAV2W

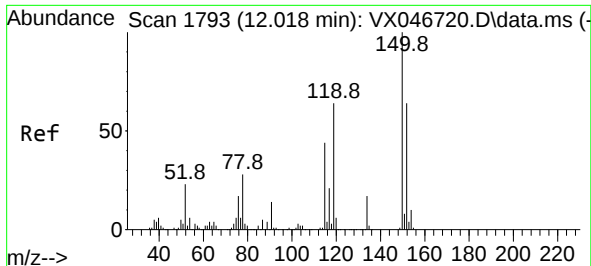
Tgt Ion: 95 Resp: 132598
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.4
176 71.3 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046772.D
Acq: 19 Jun 2025 16:06

Tgt Ion: 117 Resp: 260859
Ion Ratio Lower Upper
117 100
82 56.8 44.6 66.8
119 32.8 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: VX046772.D

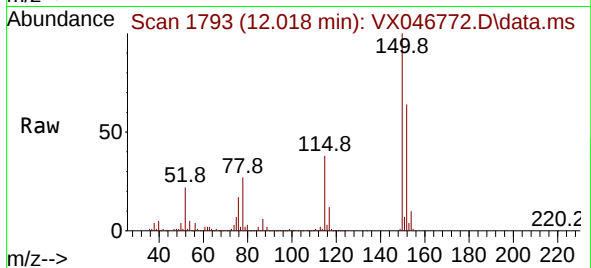
Acq: 19 Jun 2025 16:06

Instrument :

MSVOA_X

ClientSampleId :

GAV2W



Tgt Ion:152 Resp: 131317

Ion Ratio Lower Upper

152 100

115 59.5 43.2 129.6

150 156.6 0.0 346.8

