

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048758.D
 Acq On : 08 Dec 2025 16:19
 Operator : JC/MD
 Sample : Q3787-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-02B-21.2-120425

Quant Time: Dec 09 04:12:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

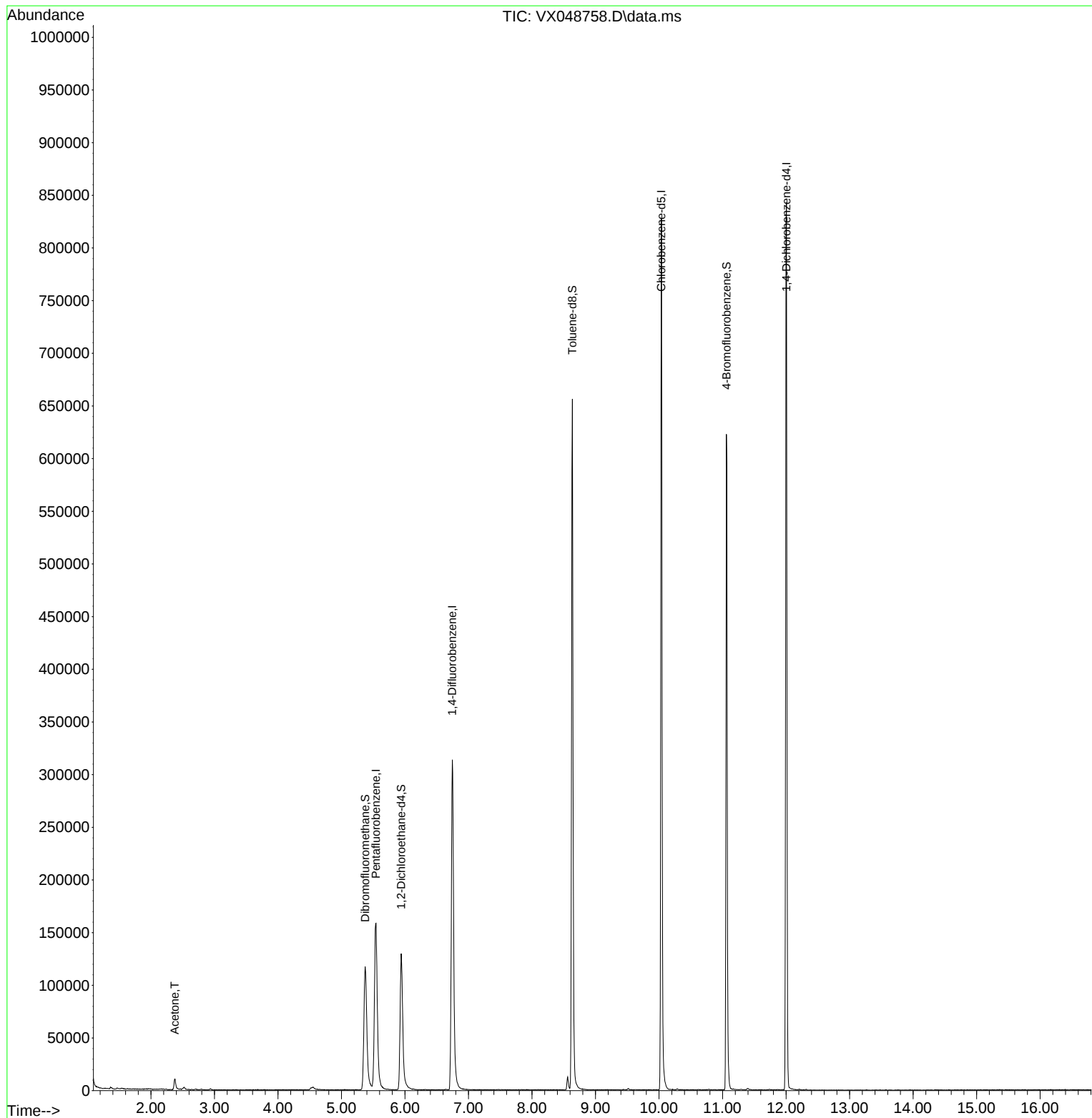
Internal Standards						
1) Pentafluorobenzene	5.543	168	166424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	350712	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	376512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	184795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	141893	63.523	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	127.040%#
35) Dibromofluoromethane	5.373	113	117850	48.803	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	8.634	98	406956	48.077	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.160%
62) 4-Bromofluorobenzene	11.061	95	173490	59.438	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.880%
Target Compounds						
16) Acetone	2.373	43	14227	16.638	ug/l	Qvalue 95

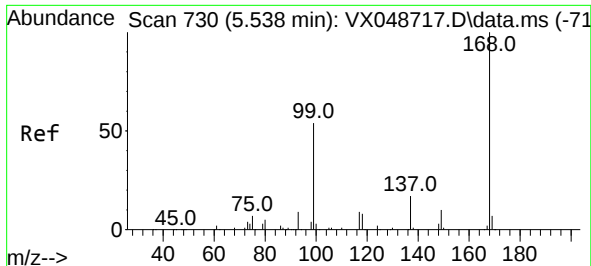
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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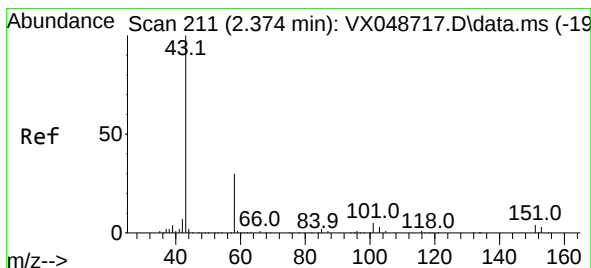
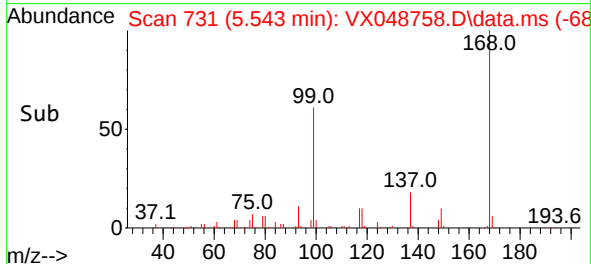
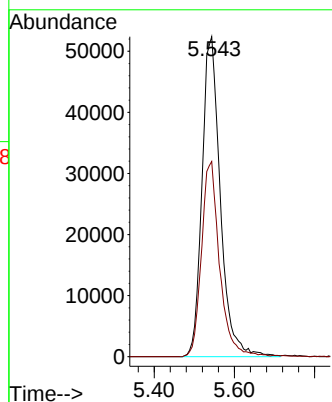
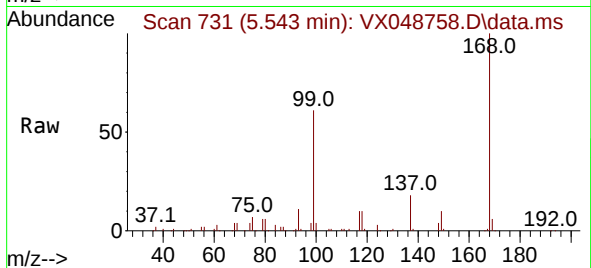




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.005 min
Lab File: VX048758.D
Acq: 08 Dec 2025 16:19

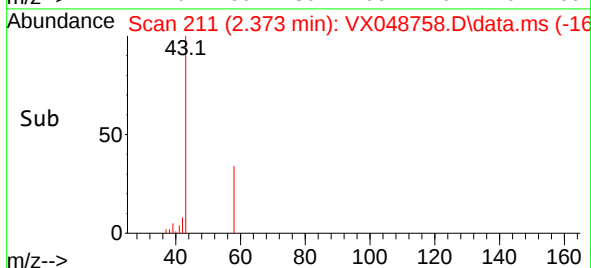
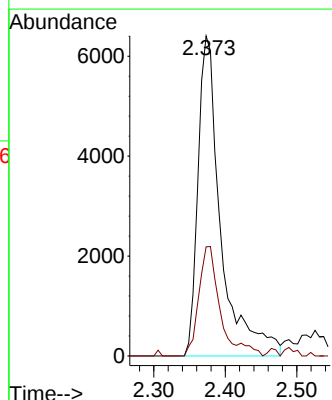
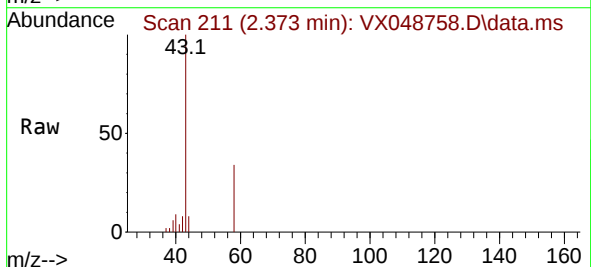
Instrument :
MSVOA_X
ClientSampleId :
OW-02B-21.2-120425

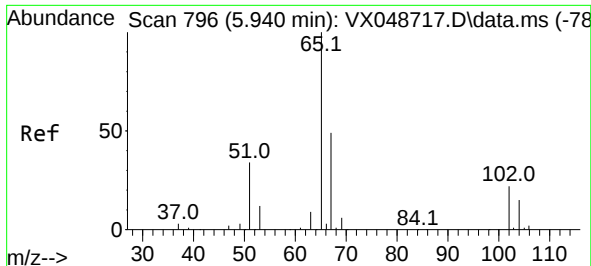
Tgt Ion:168 Resp: 166424
Ion Ratio Lower Upper
168 100
99 61.0 44.2 66.4



#16
Acetone
Concen: 16.638 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048758.D
Acq: 08 Dec 2025 16:19

Tgt Ion: 43 Resp: 14227
Ion Ratio Lower Upper
43 100
58 34.1 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 63.523 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048758.D

Acq: 08 Dec 2025 16:19

Instrument :

MSVOA_X

ClientSampleId :

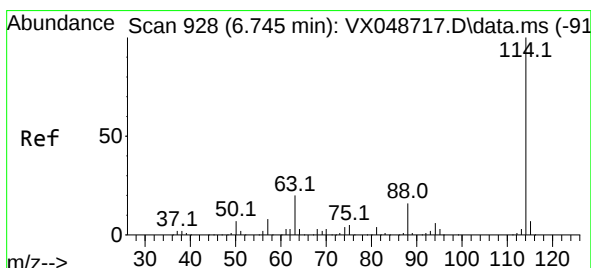
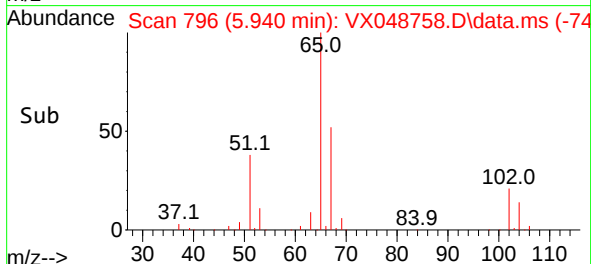
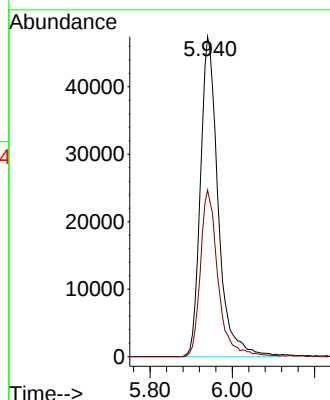
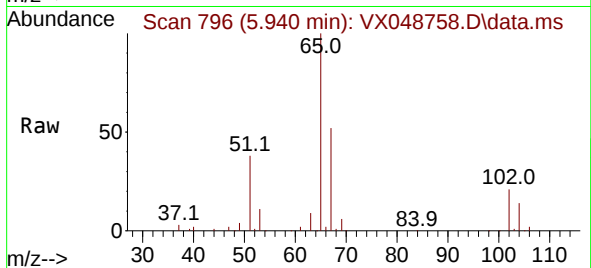
OW-02B-21.2-120425

Tgt Ion: 65 Resp: 141893

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.744 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048758.D

Acq: 08 Dec 2025 16:19

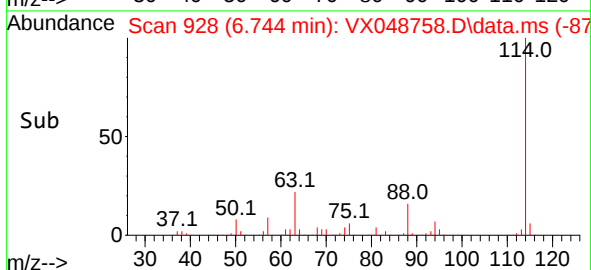
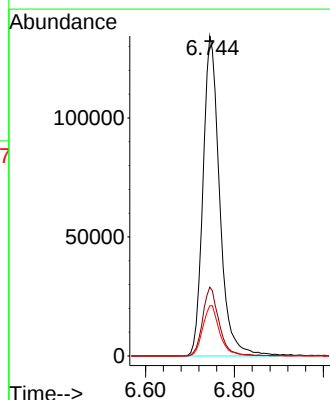
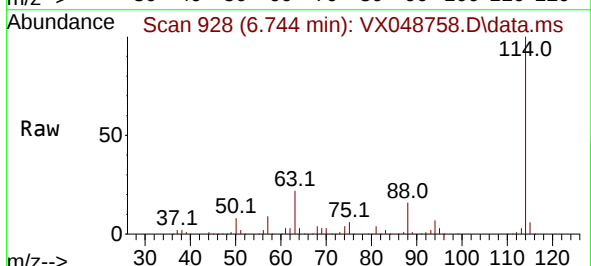
Tgt Ion: 114 Resp: 350712

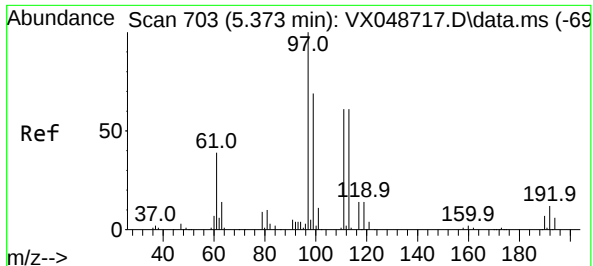
Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.0

88 15.7 0.0 31.8

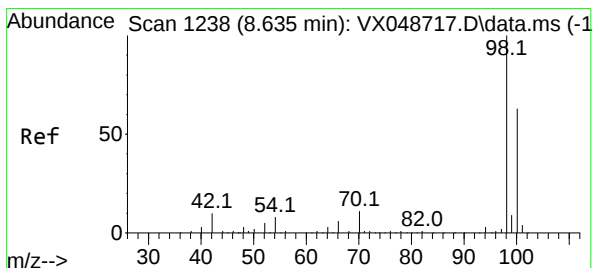
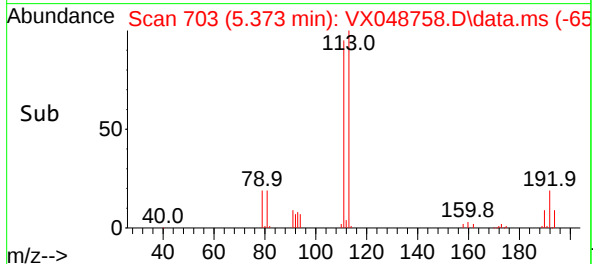
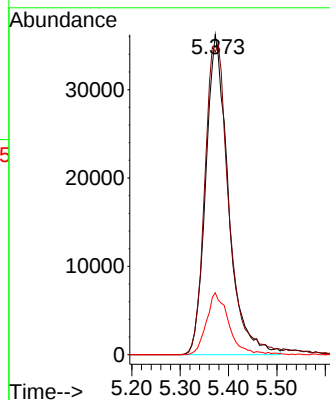
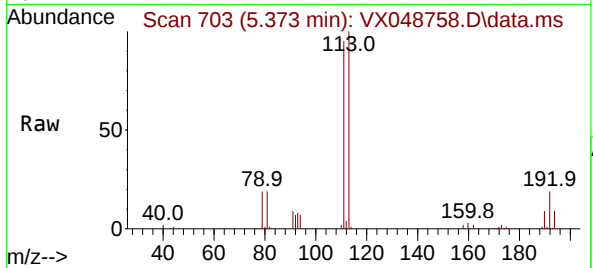




#35
Dibromofluoromethane
Concen: 48.803 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048758.D
Acq: 08 Dec 2025 16:19

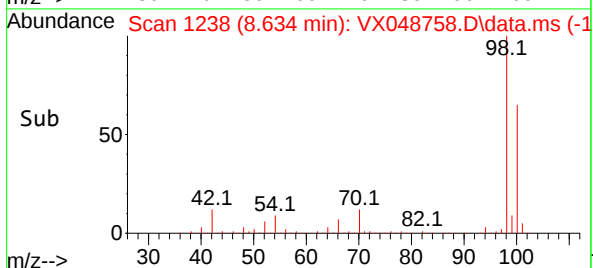
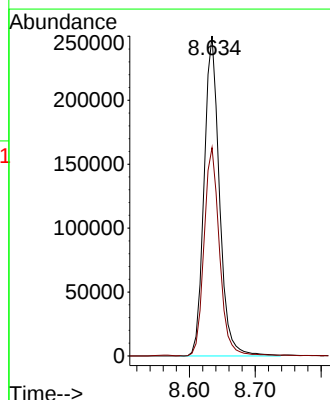
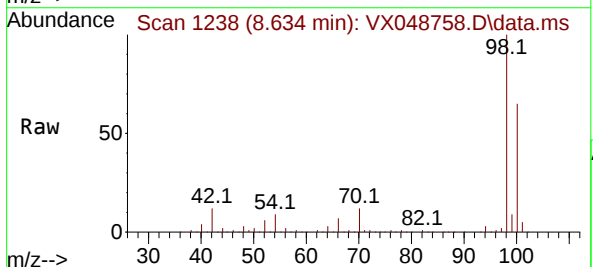
Instrument :
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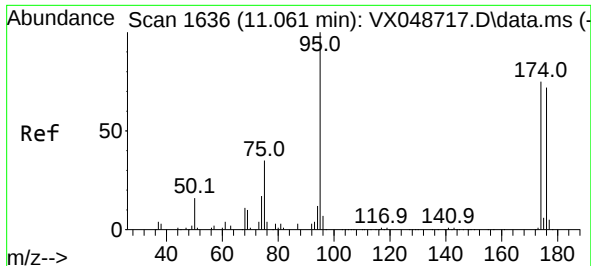
Tgt Ion:113 Resp: 117850
Ion Ratio Lower Upper
113 100
111 103.7 79.5 119.3
192 19.3 16.1 24.1



#50
Toluene-d8
Concen: 48.077 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048758.D
Acq: 08 Dec 2025 16:19

Tgt Ion: 98 Resp: 406956
Ion Ratio Lower Upper
98 100
100 65.5 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 59.438 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048758.D

Acq: 08 Dec 2025 16:19

Instrument :

MSVOA_X

ClientSampleId :

OW-02B-21.2-120425

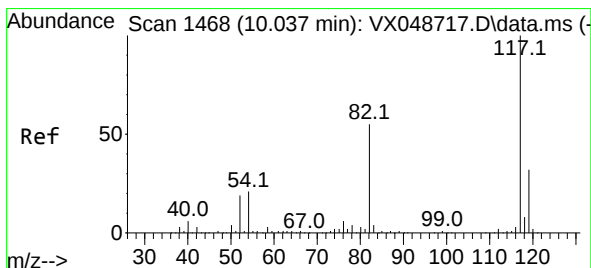
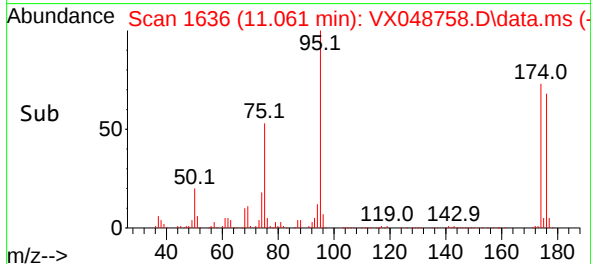
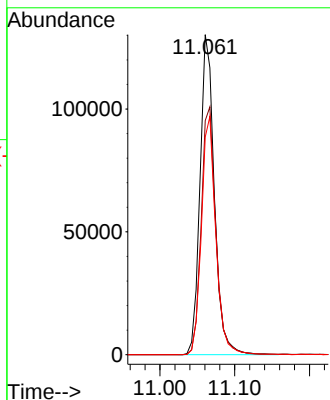
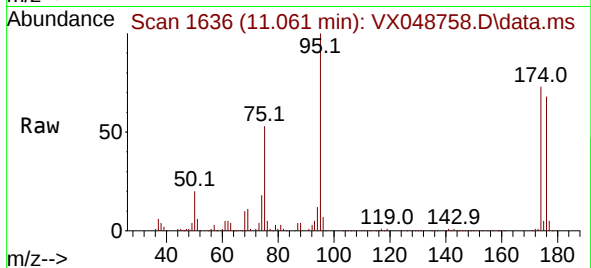
Tgt Ion: 95 Resp: 173490

Ion Ratio Lower Upper

95 100

174 79.3 0.0 157.8

176 75.0 0.0 154.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.036 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048758.D

Acq: 08 Dec 2025 16:19

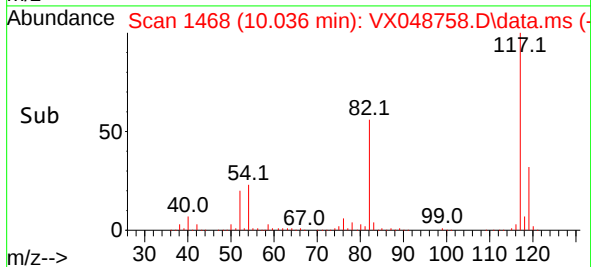
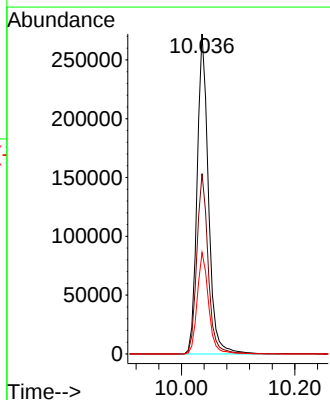
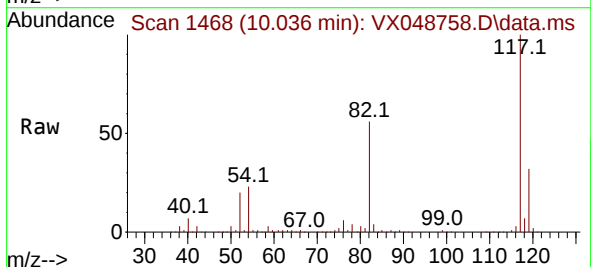
Tgt Ion: 117 Resp: 376512

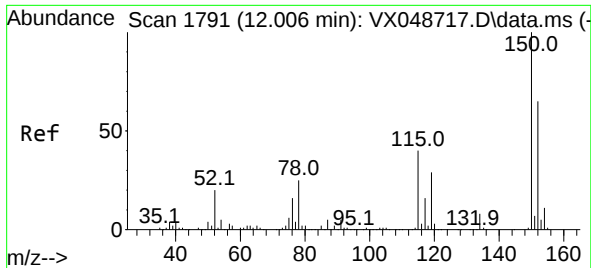
Ion Ratio Lower Upper

117 100

82 56.3 44.1 66.1

119 31.7 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048758.D

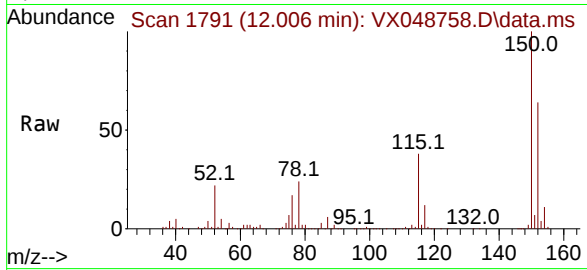
Acq: 08 Dec 2025 16:19

Instrument :

MSVOA_X

ClientSampleId :

OW-02B-21.2-120425



Tgt Ion:152 Resp: 184795

Ion Ratio Lower Upper

152 100

115 60.2 42.1 126.4

150 157.3 0.0 347.8

