

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048757.D
 Acq On : 08 Dec 2025 15:59
 Operator : JC/MD
 Sample : Q3787-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-08B-72.5-120425-FD

Quant Time: Dec 09 04:12:18 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)

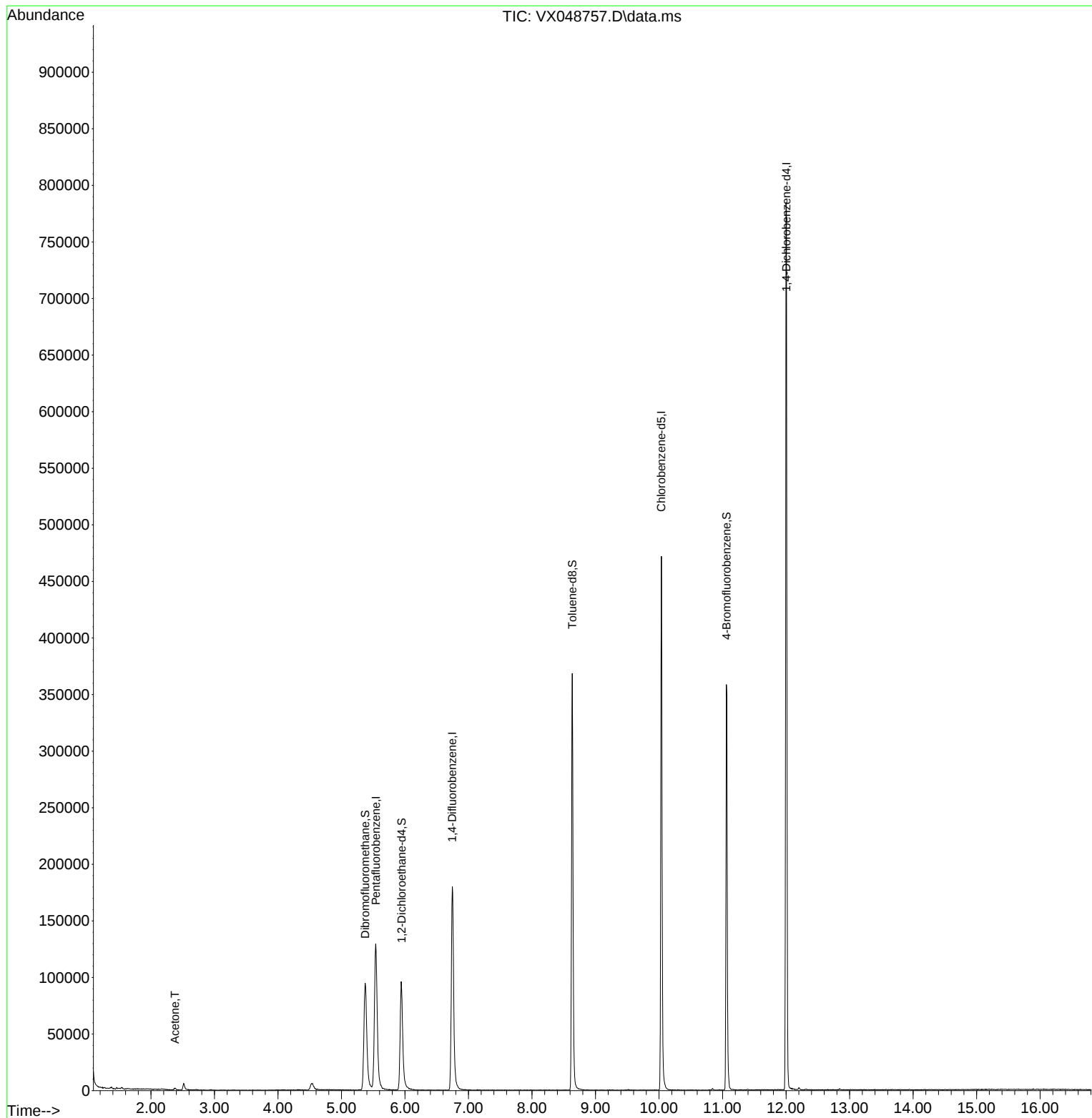
Internal Standards						
1) Pentafluorobenzene	5.544	168	127845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	199202	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	216738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	171945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103994	60.606	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	121.220%#
35) Dibromofluoromethane	5.373	113	93556	68.210	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	136.420%#
50) Toluene-d8	8.634	98	228610	47.550	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.100%
62) 4-Bromofluorobenzene	11.061	95	97752	58.962	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.920%
Target Compounds						
16) Acetone	2.380	43	2240	3.410	ug/l	Qvalue # 82

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

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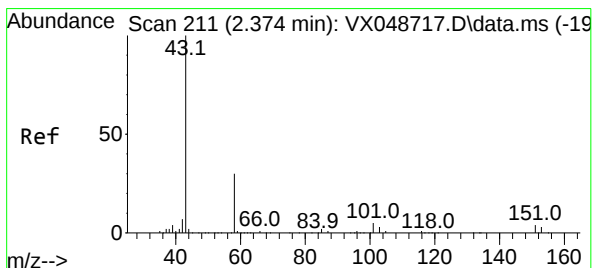
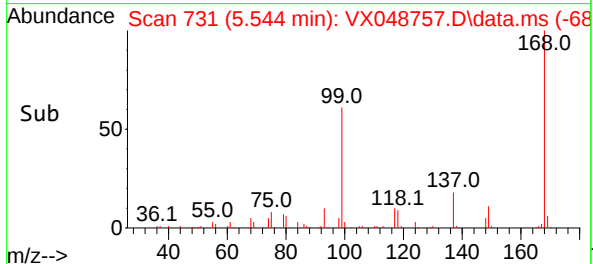
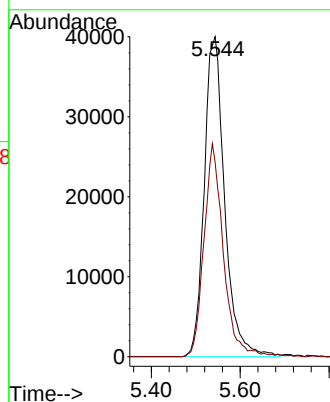
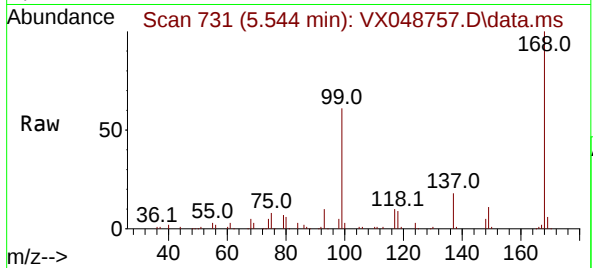




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048757.D
Acq: 08 Dec 2025 15:59

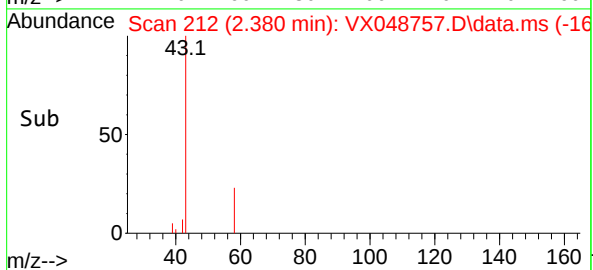
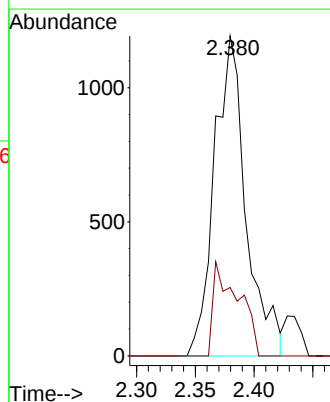
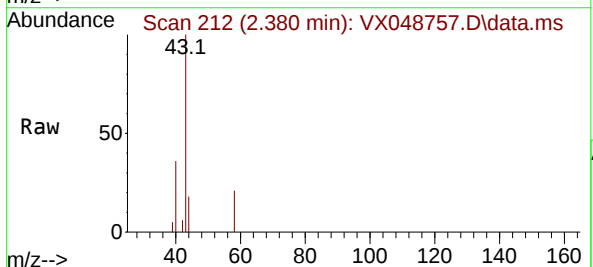
Instrument :
MSVOA_X
ClientSampleId :
OW-08B-72.5-120425-FD

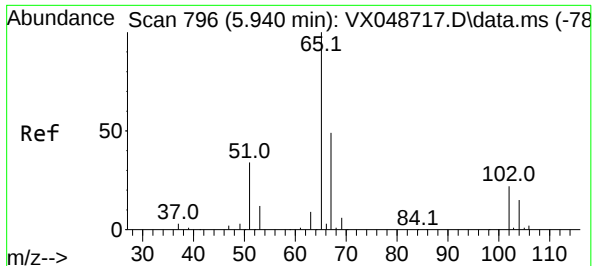
Tgt Ion:168 Resp: 127845
Ion Ratio Lower Upper
168 100
99 60.9 44.2 66.4



#16
Acetone
Concen: 3.410 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048757.D
Acq: 08 Dec 2025 15:59

Tgt Ion: 43 Resp: 2240
Ion Ratio Lower Upper
43 100
58 21.4 25.0 37.4#





#33

1,2-Dichloroethane-d4

Concen: 60.606 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048757.D

Acq: 08 Dec 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

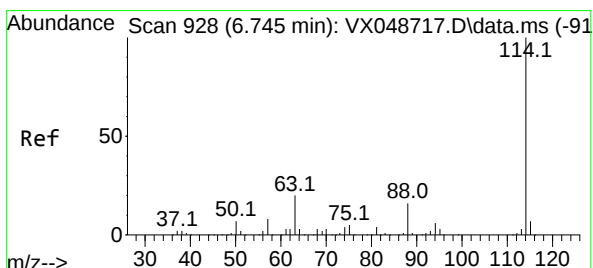
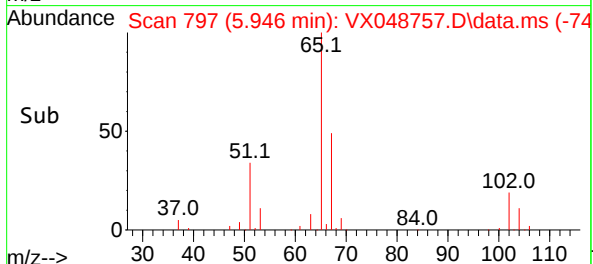
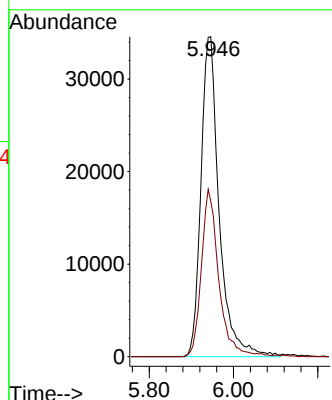
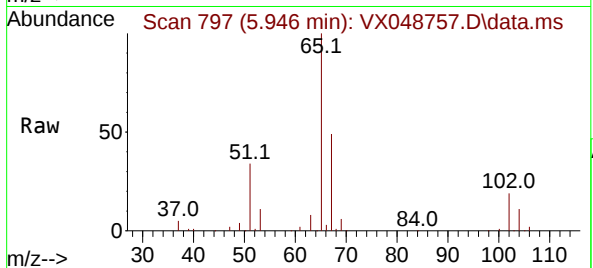
OW-08B-72.5-120425-FD

Tgt Ion: 65 Resp: 103994

Ion Ratio Lower Upper

65 100

67 50.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048757.D

Acq: 08 Dec 2025 15:59

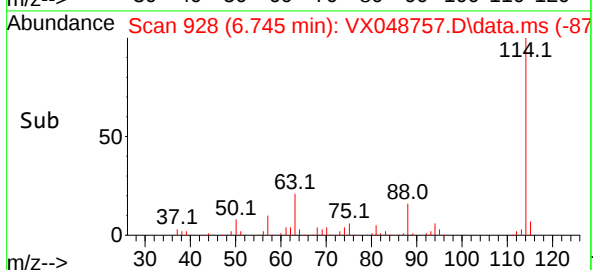
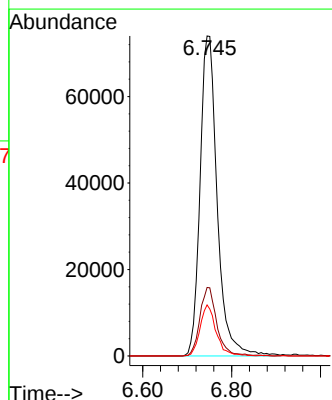
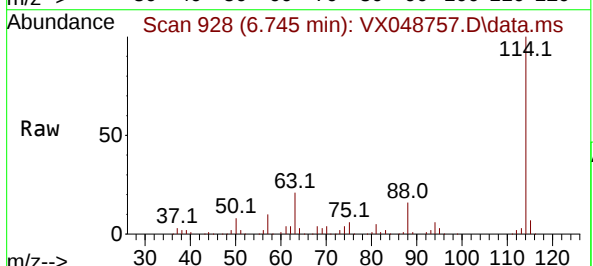
Tgt Ion: 114 Resp: 199202

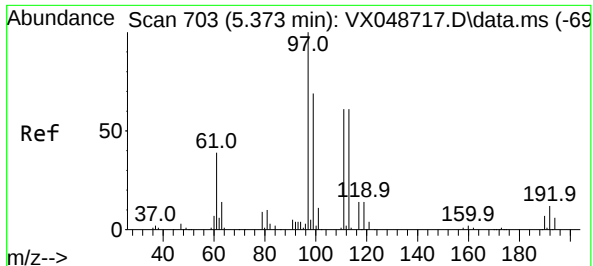
Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.0

88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 68.210 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048757.D

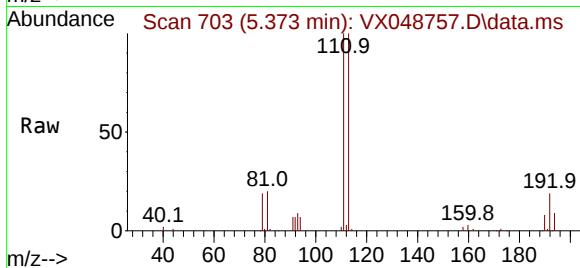
Acq: 08 Dec 2025 15:59

Instrument :

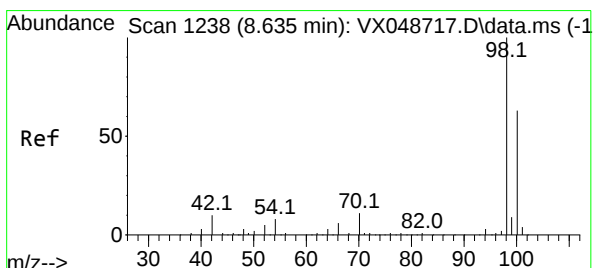
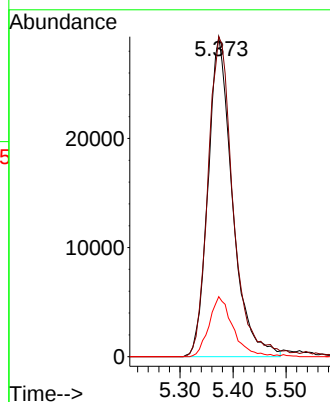
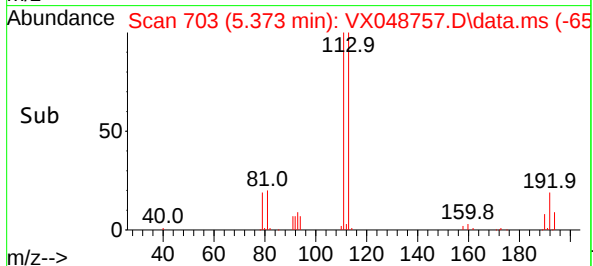
MSVOA_X

ClientSampleId :

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Tgt Ion:	113	Resp:	93556
Ion	Ratio	Lower	Upper
113	100		
111	103.7	79.5	119.3
192	18.5	16.1	24.1



#50

Toluene-d8

Concen: 47.550 ug/l

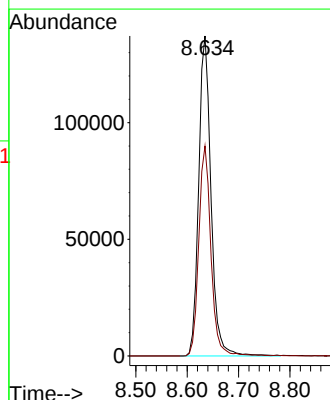
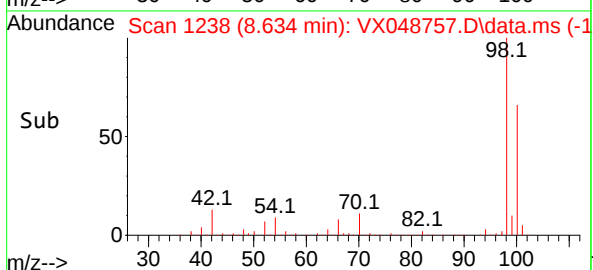
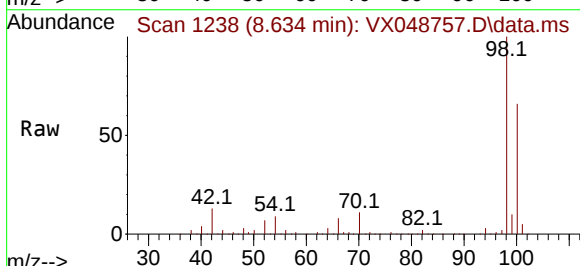
RT: 8.634 min Scan# 1238

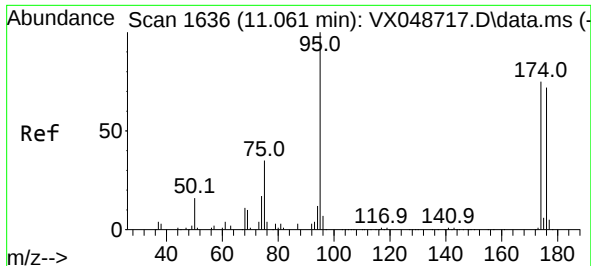
Delta R.T. -0.000 min

Lab File: VX048757.D

Acq: 08 Dec 2025 15:59

Tgt Ion:	98	Resp:	228610
Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.4	80.0





#62

4-Bromofluorobenzene

Concen: 58.962 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048757.D

Acq: 08 Dec 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

OW-08B-72.5-120425-FD

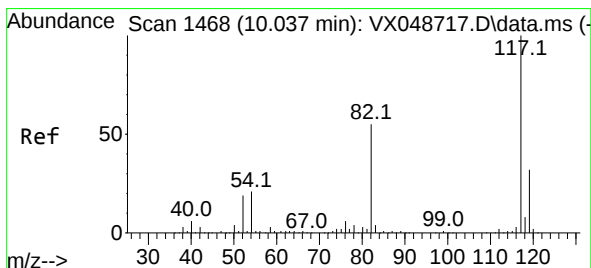
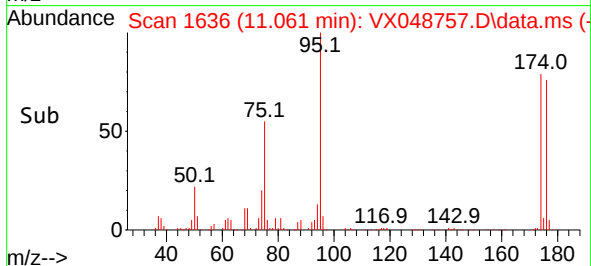
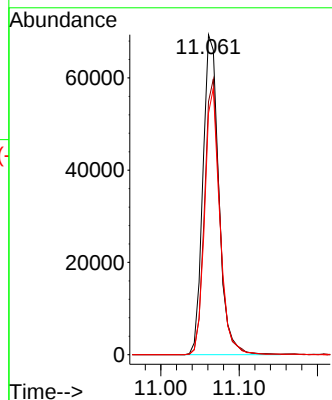
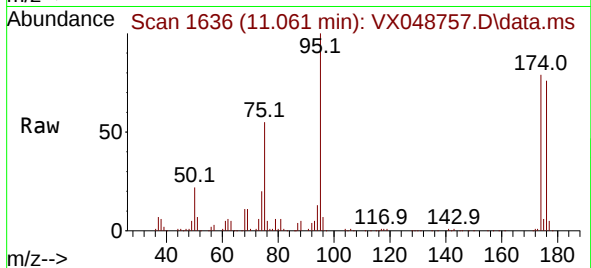
Tgt Ion: 95 Resp: 97752

Ion Ratio Lower Upper

95 100

174 82.7 0.0 157.8

176 79.5 0.0 154.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048757.D

Acq: 08 Dec 2025 15:59

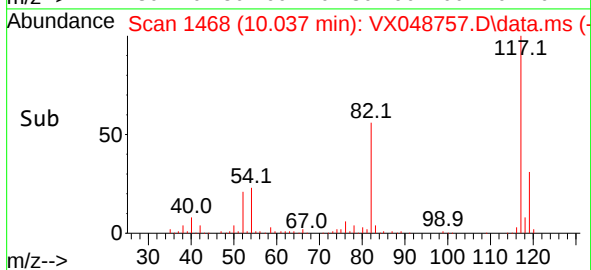
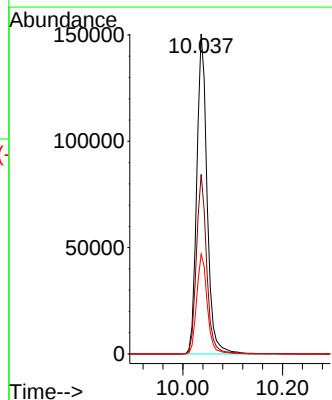
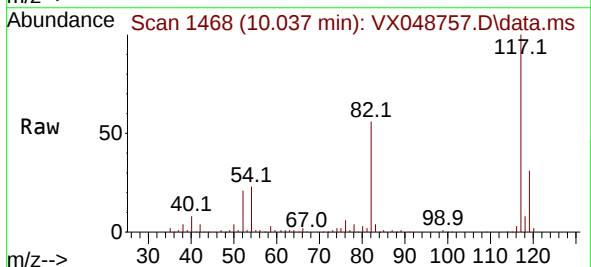
Tgt Ion: 117 Resp: 216738

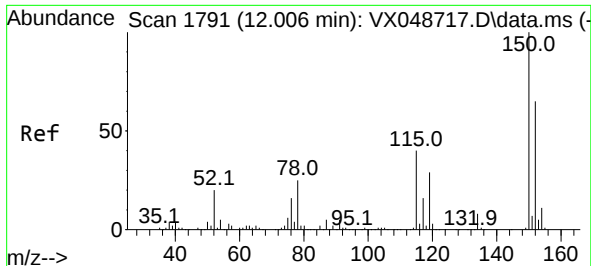
Ion Ratio Lower Upper

117 100

82 56.1 44.1 66.1

119 31.2 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: VX048757.D

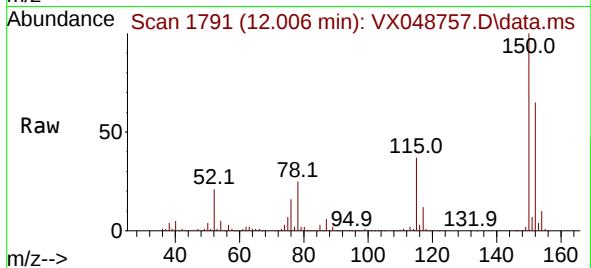
Acq: 08 Dec 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 171945

Ion Ratio Lower Upper

152 100

115 59.7 42.1 126.4

150 158.7 0.0 347.8

