

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048155.D
 Acq On : 14 Oct 2025 10:52
 Operator : JC/MD
 Sample : VX1014WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBL01

Quant Time: Oct 15 02:40:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	131511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	270081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	285912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141849	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	115134	55.001	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.000%
35) Dibromofluoromethane	5.379	113	94255	52.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.080%
50) Toluene-d8	8.635	98	316005	50.420	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.840%
62) 4-Bromofluorobenzene	11.067	95	134411	56.508	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.020%

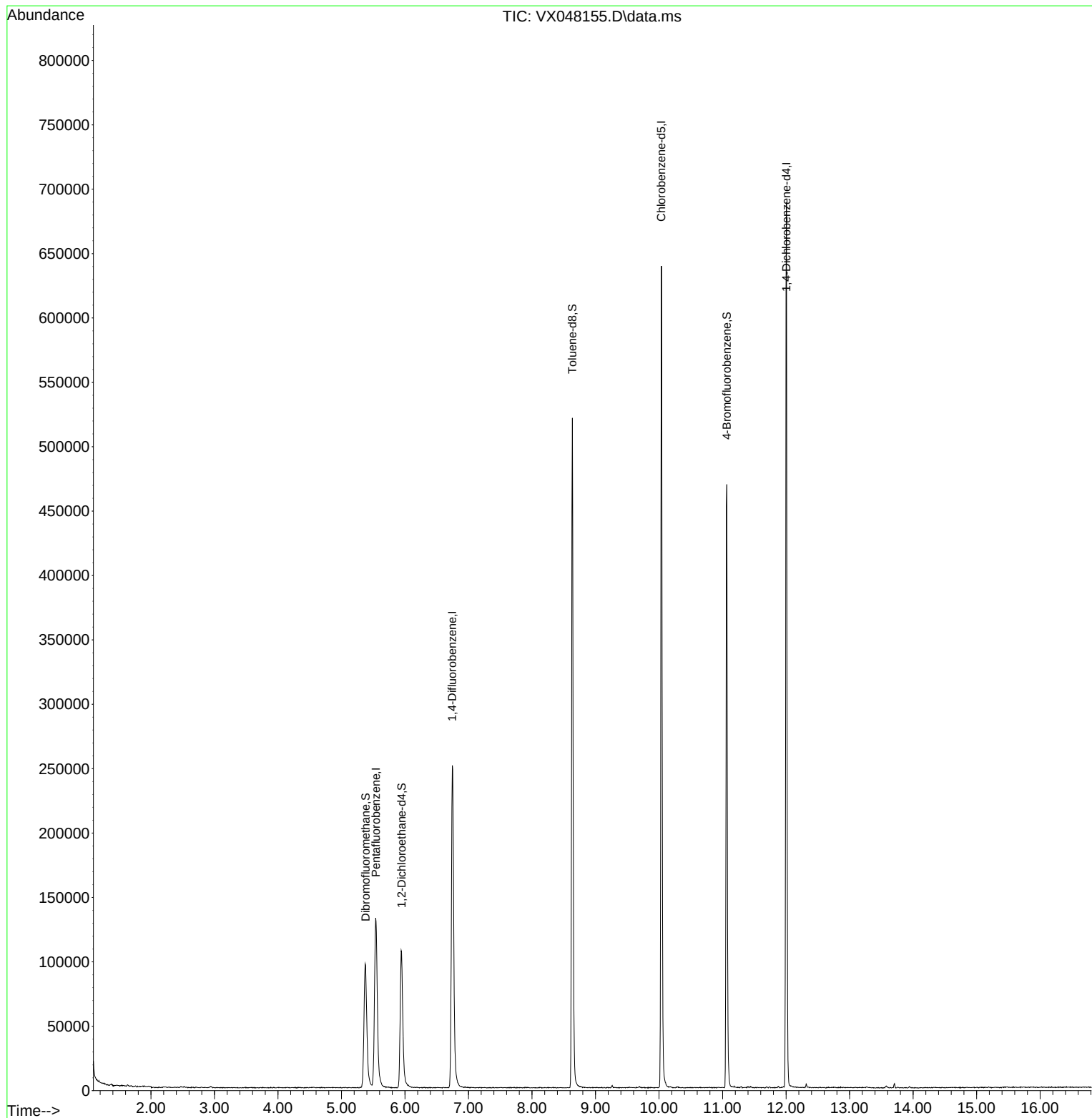
Target Compounds	Qvalue

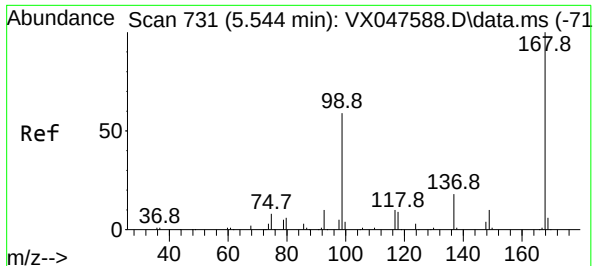
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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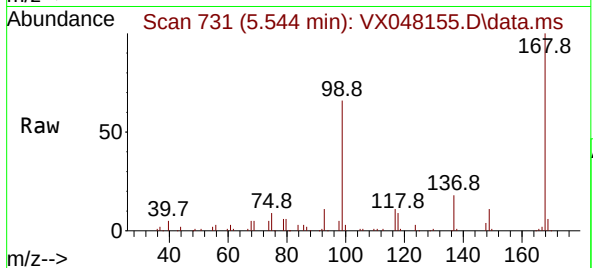
Quant Time: Oct 15 02:40:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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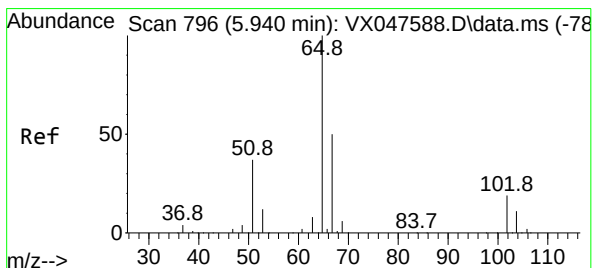
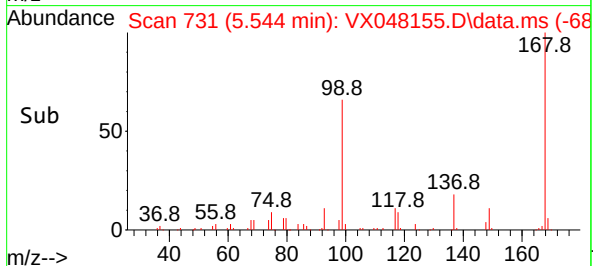
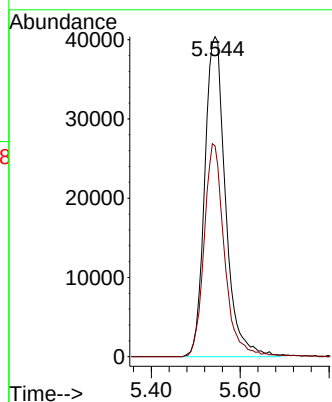


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

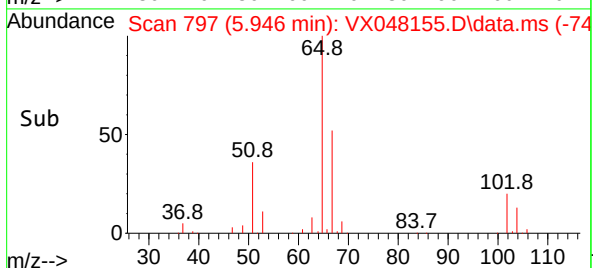
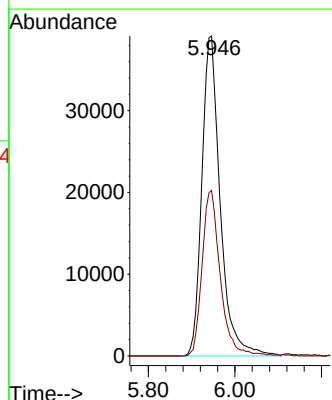
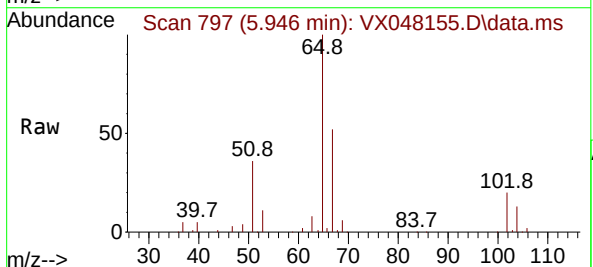


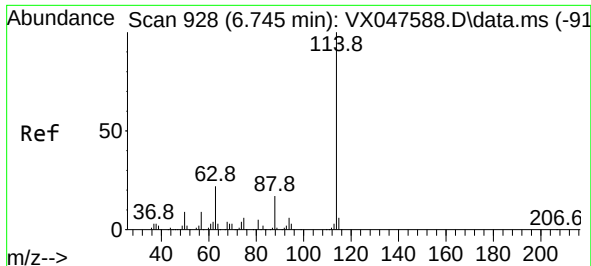
Tgt Ion:168 Resp: 131511
Ion Ratio Lower Upper
168 100
99 65.8 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 55.001 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Tgt Ion: 65 Resp: 115134
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0

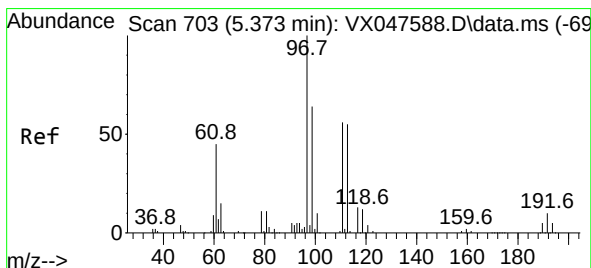
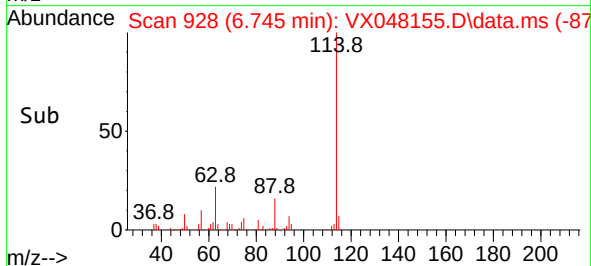
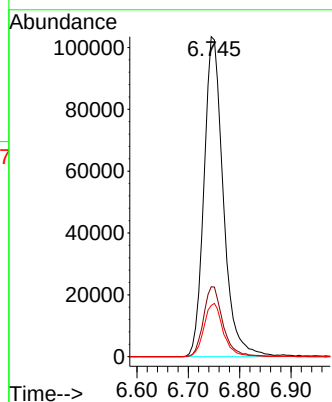
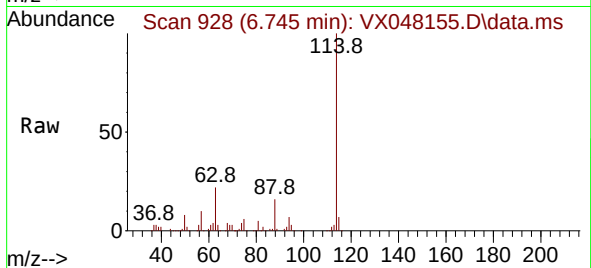




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

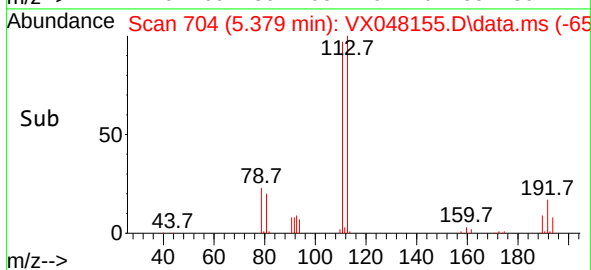
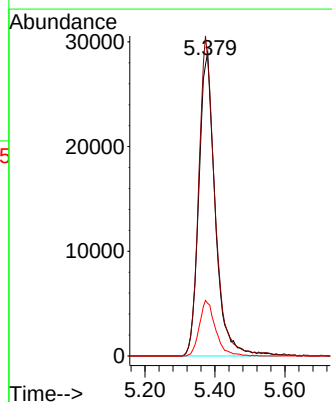
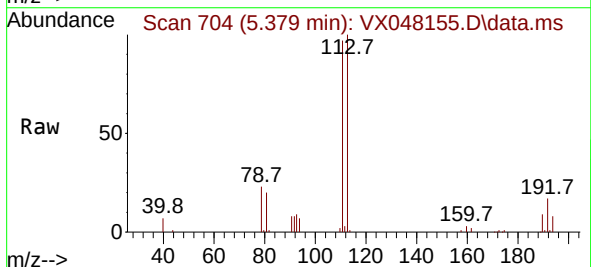
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

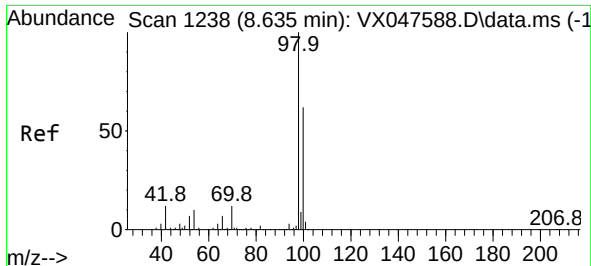
Tgt Ion:114 Resp: 270081
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.0
88 16.0 0.0 34.2



#35
Dibromofluoromethane
Concen: 52.037 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Tgt Ion:113 Resp: 94255
Ion Ratio Lower Upper
113 100
111 102.7 80.9 121.3
192 17.9 14.2 21.4

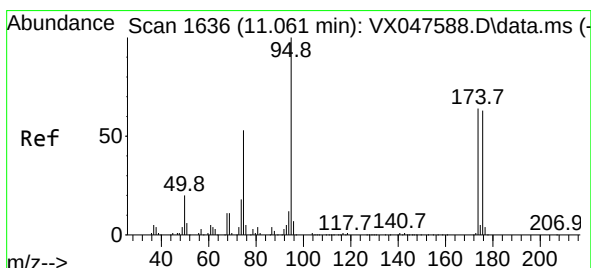
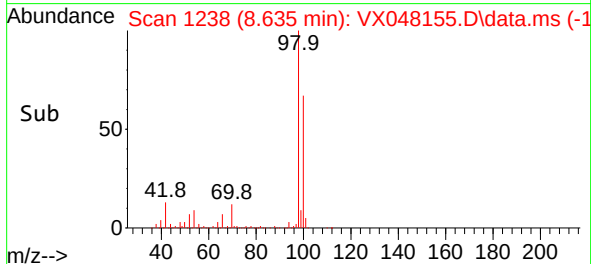
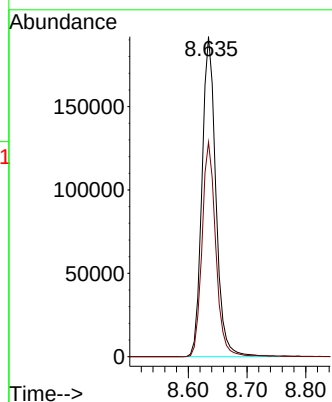
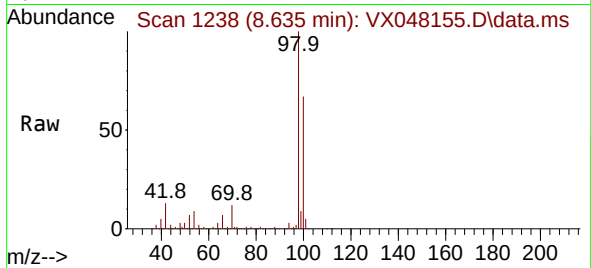




#50
Toluene-d8
Concen: 50.420 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048155.D
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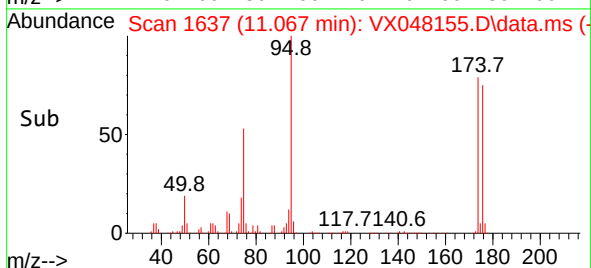
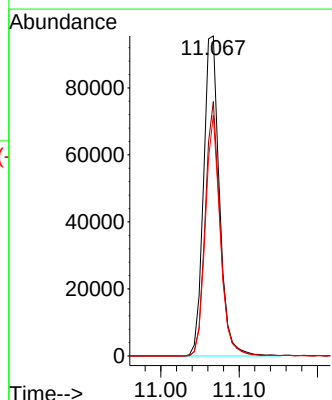
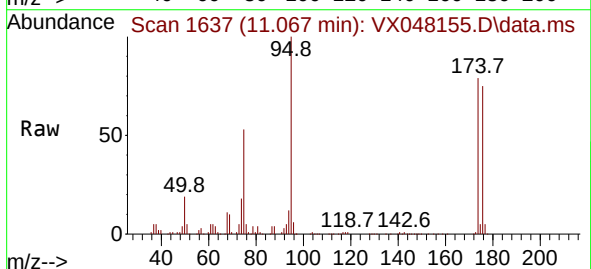
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

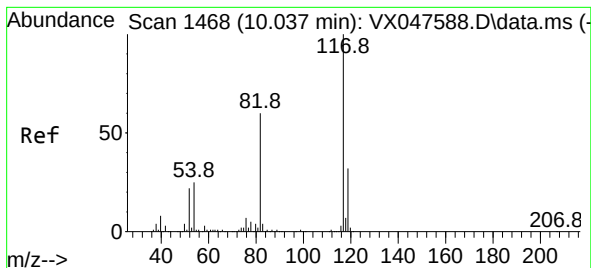
Tgt Ion: 98 Resp: 316005
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.508 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Tgt Ion: 95 Resp: 134411
Ion Ratio Lower Upper
95 100
174 75.2 0.0 141.6
176 70.4 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048155.D

Acq: 14 Oct 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBL01

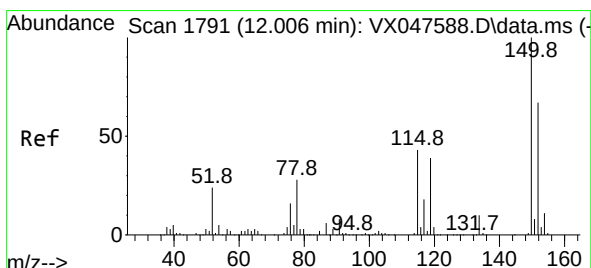
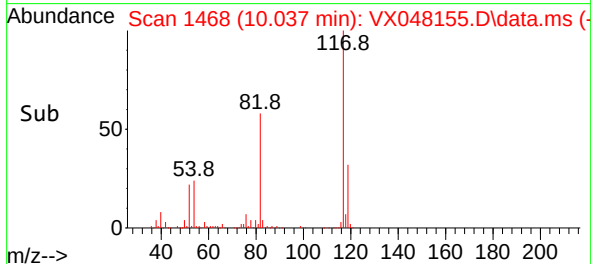
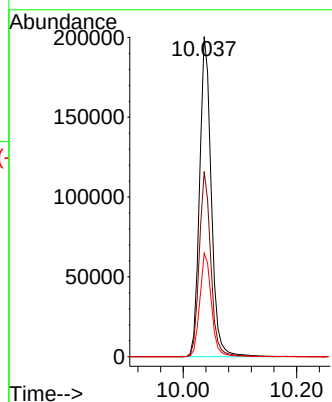
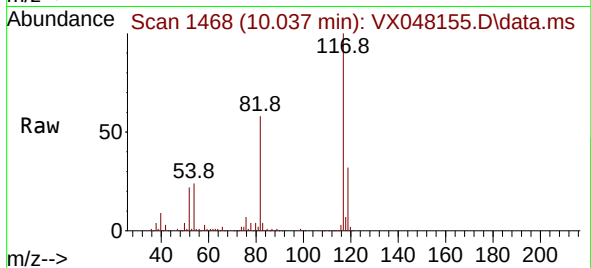
Tgt Ion:117 Resp: 285912

Ion Ratio Lower Upper

117 100

82 57.9 47.8 71.6

119 32.3 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048155.D

Acq: 14 Oct 2025 10:52

Tgt Ion:152 Resp: 141849

Ion Ratio Lower Upper

152 100

115 62.2 44.9 134.5

150 157.3 0.0 352.0

