

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048042.D
 Acq On : 07 Oct 2025 11:16
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 08 01:24:40 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	5.543	168	178462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	368419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	370363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	177972	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	148724	52.355	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.720%
35) Dibromofluoromethane	5.373	113	123987	50.181	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.360%
50) Toluene-d8	8.634	98	428416	50.110	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.220%
62) 4-Bromofluorobenzene	11.067	95	178210	54.923	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.840%

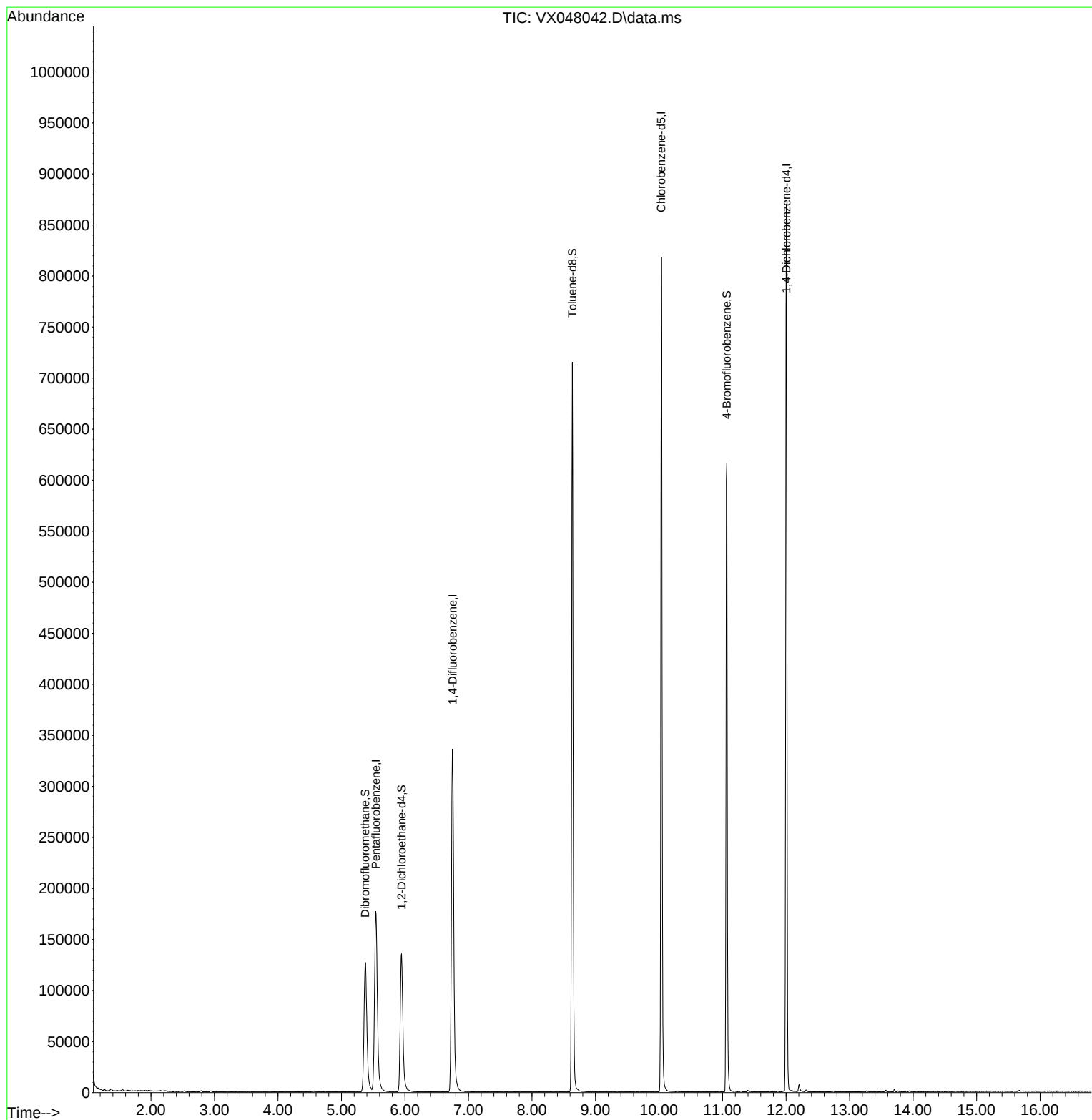
Target Compounds	Qvalue

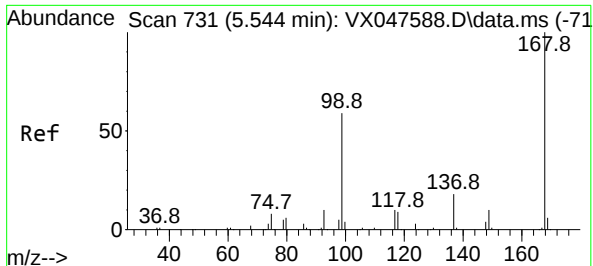
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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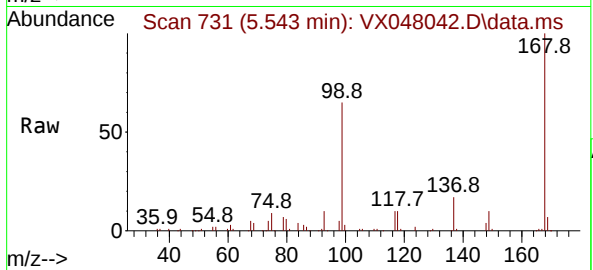
Quant Time: Oct 08 01:24:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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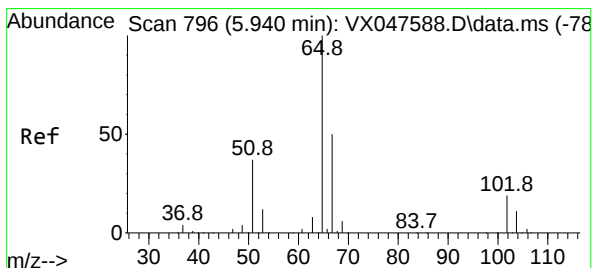
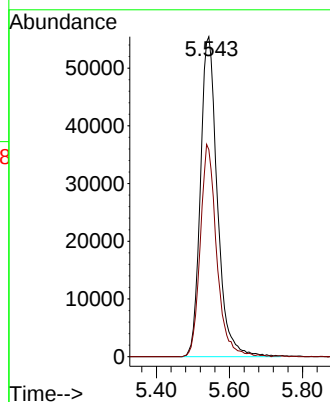
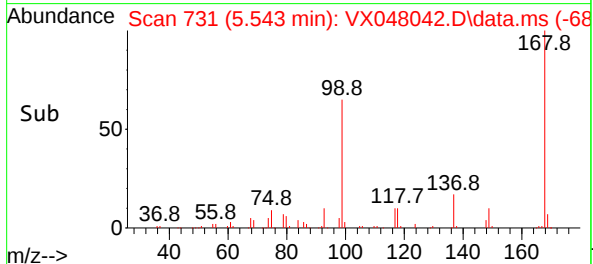


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
IBLK

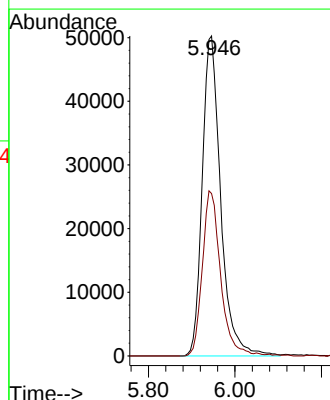
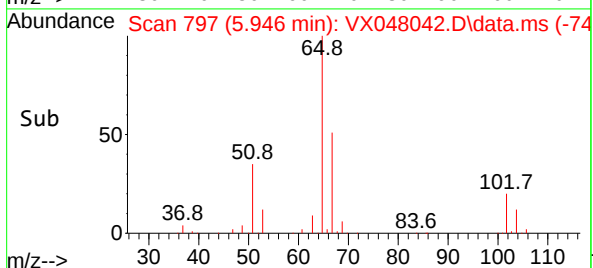
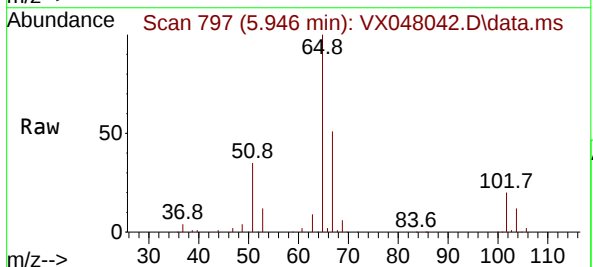


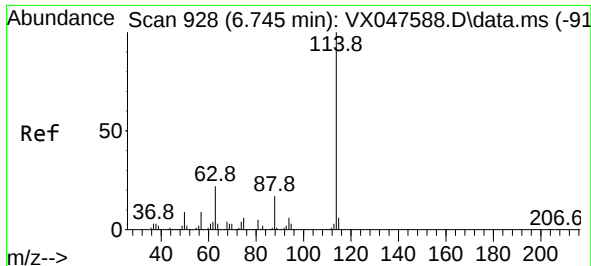
Tgt Ion:168 Resp: 178462
Ion Ratio Lower Upper
168 100
99 64.7 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 52.355 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

Tgt Ion: 65 Resp: 148724
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0

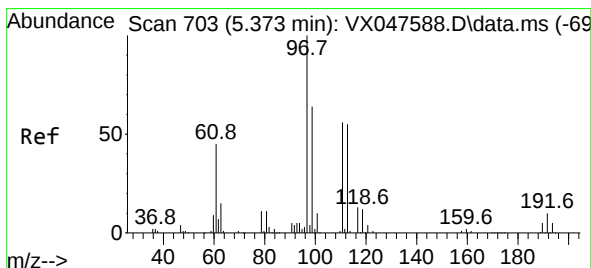
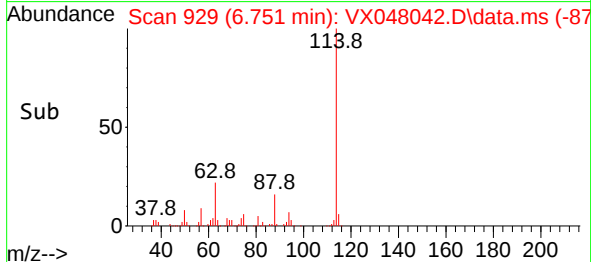
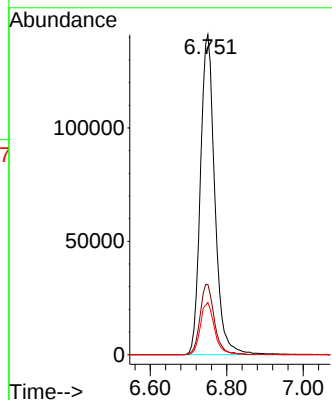
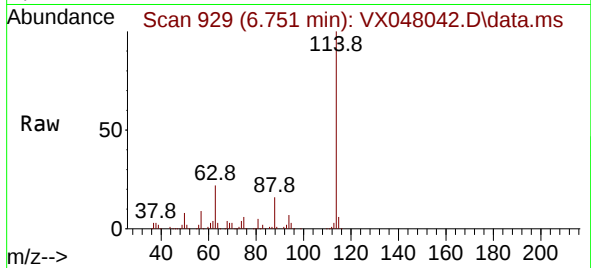




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

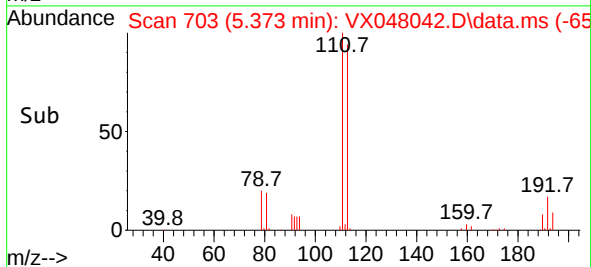
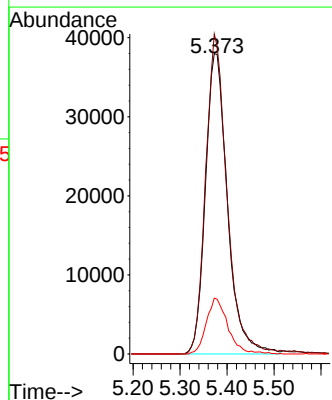
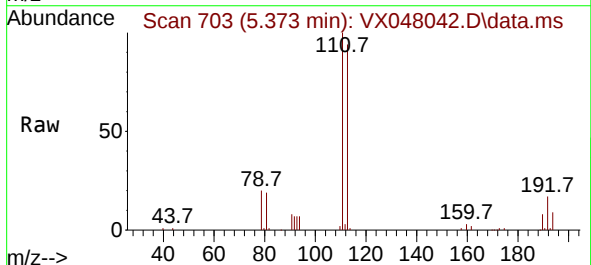
Instrument :
MSVOA_X
ClientSampleId :
IBLK

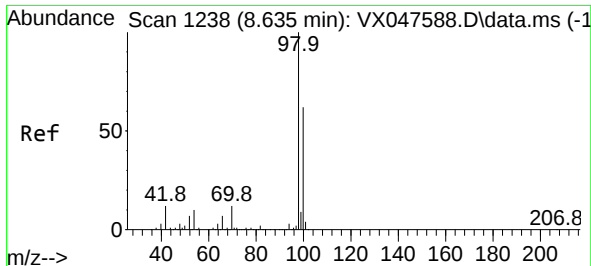
Tgt Ion:114 Resp: 368419
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.181 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

Tgt Ion:113 Resp: 123987
Ion Ratio Lower Upper
113 100
111 102.8 80.9 121.3
192 18.2 14.2 21.4

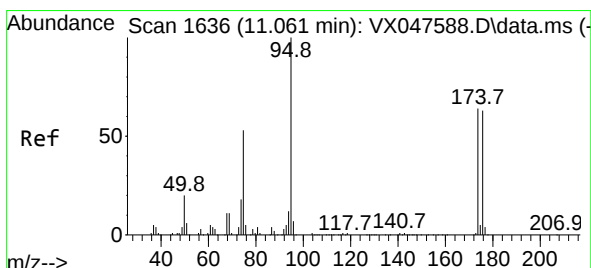
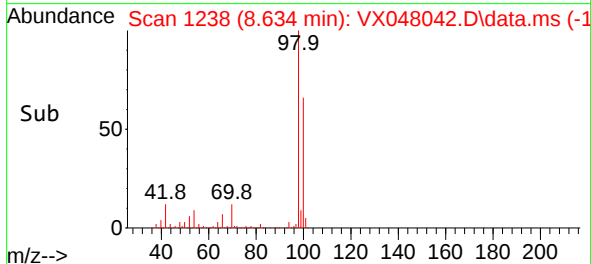
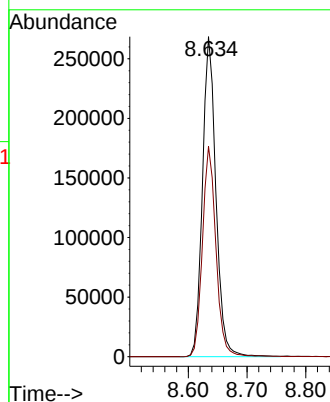
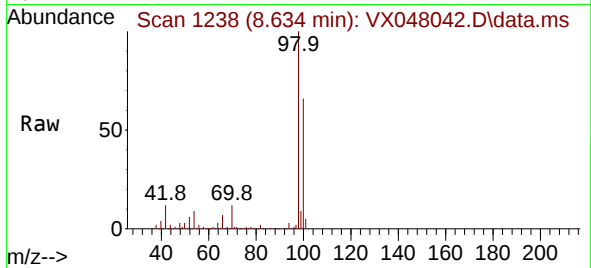




#50
Toluene-d8
Concen: 50.110 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

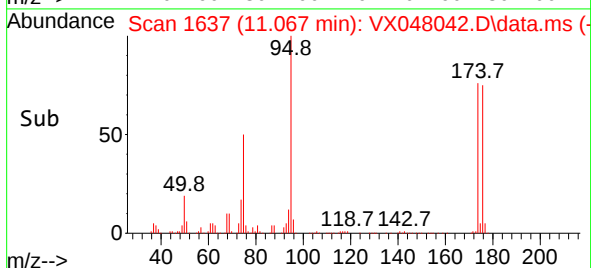
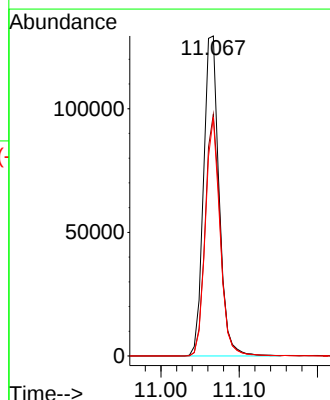
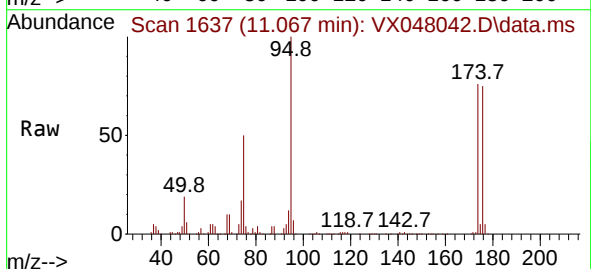
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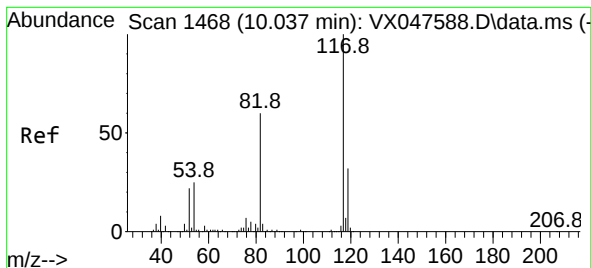
Tgt Ion: 98 Resp: 428416
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.923 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

Tgt Ion: 95 Resp: 178210
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.6
176 70.3 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: VX048042.D

Acq: 07 Oct 2025 11:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK

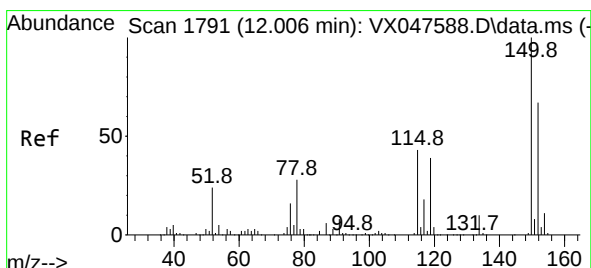
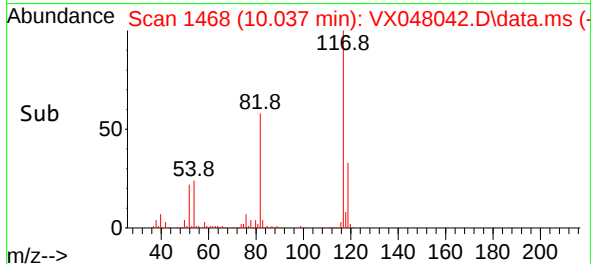
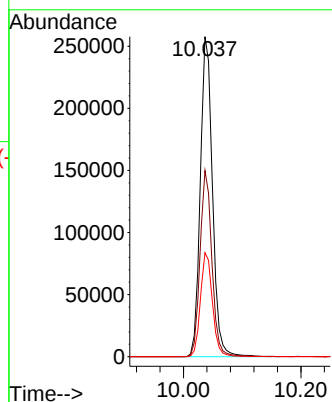
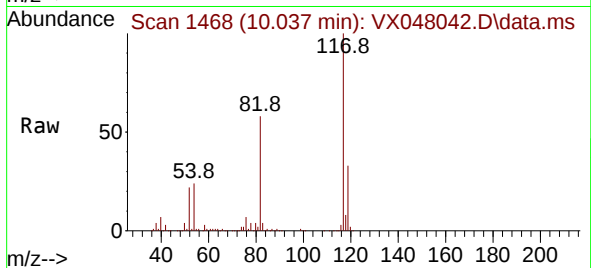
Tgt Ion:117 Resp: 370363

Ion Ratio Lower Upper

117 100

82 58.1 47.8 71.6

119 32.5 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: VX048042.D

Acq: 07 Oct 2025 11:16

Tgt Ion:152 Resp: 177972

Ion Ratio Lower Upper

152 100

115 63.1 44.9 134.5

150 159.1 0.0 352.0

