

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048030.D
 Acq On : 06 Oct 2025 17:15
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 07 02:19:43 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	115305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	239666	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	256969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134267	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	111627	60.820	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	121.640%#
35) Dibromofluoromethane	5.373	113	89864	55.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.820%
50) Toluene-d8	8.635	98	299398	53.832	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.660%
62) 4-Bromofluorobenzene	11.067	95	131107	62.114	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	124.220%#

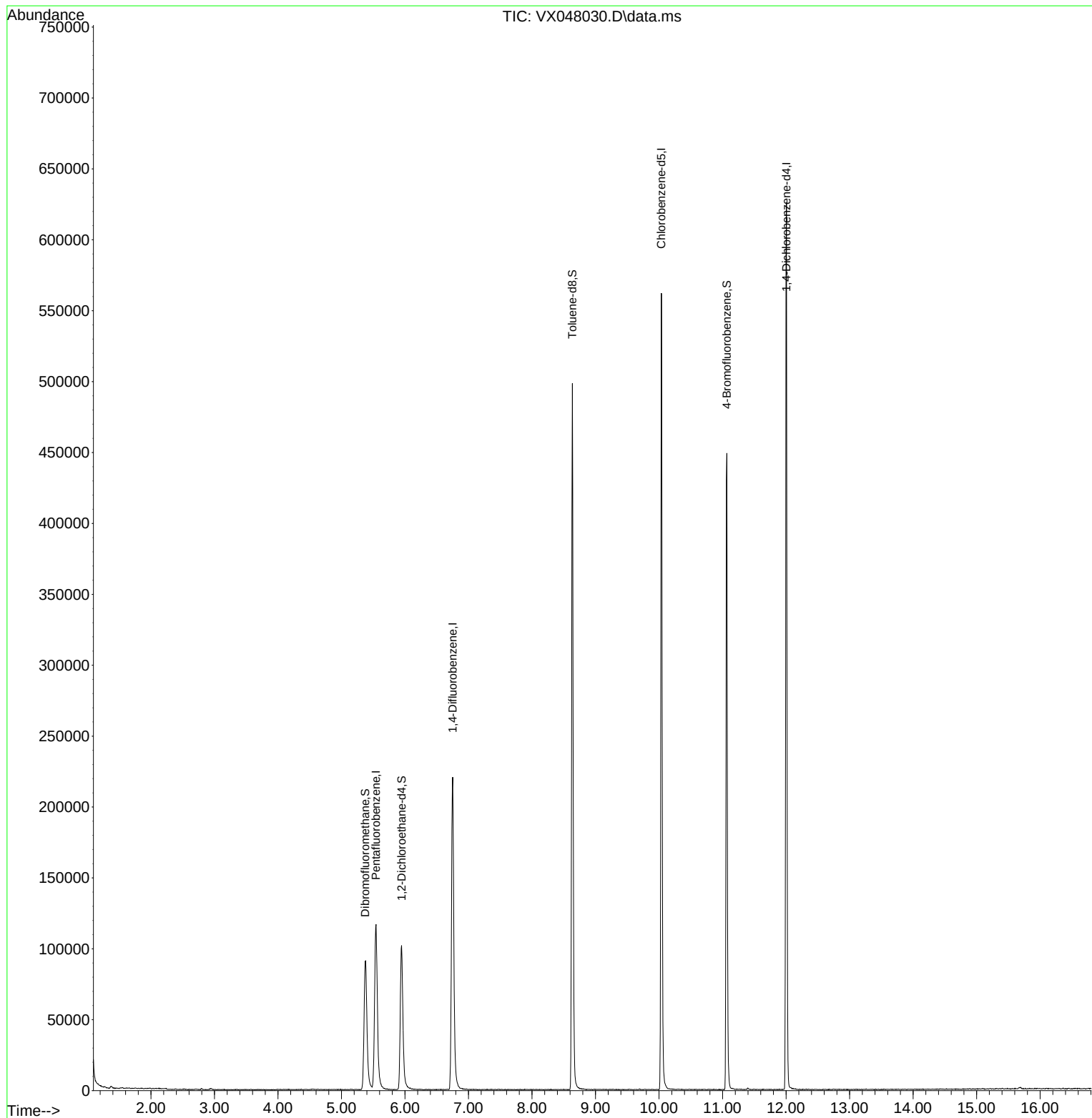
Target Compounds	Qvalue

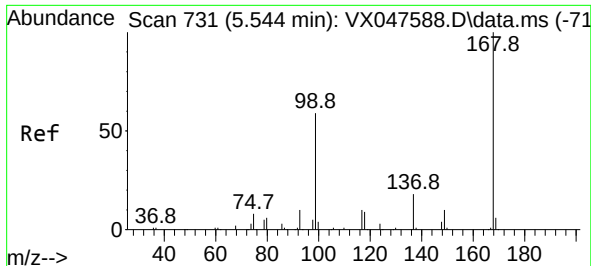
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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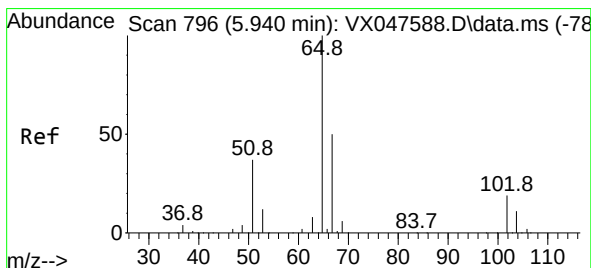
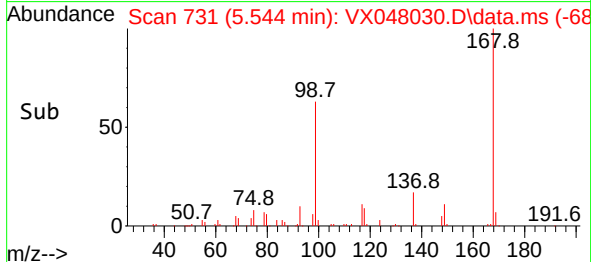
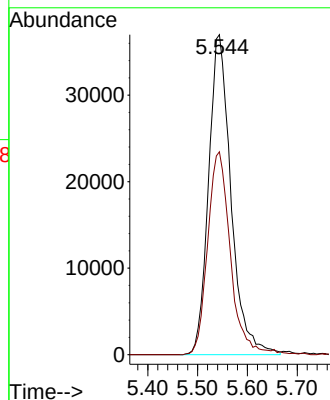
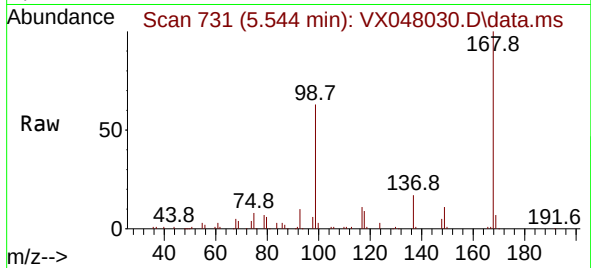




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048030.D
Acq: 06 Oct 2025 17:15

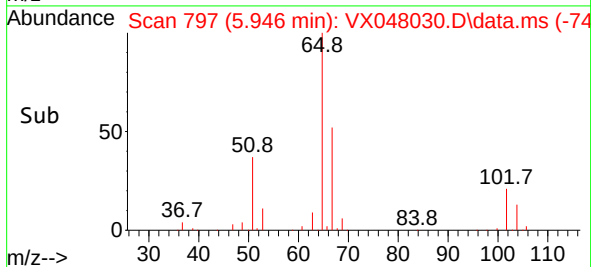
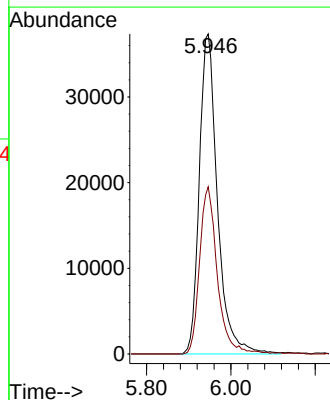
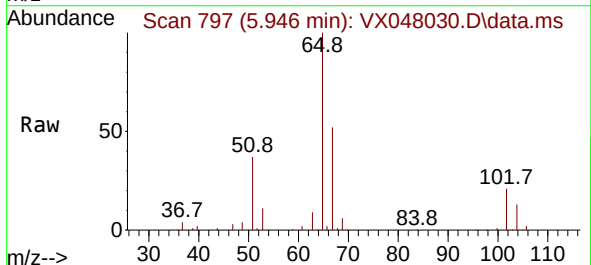
Instrument :
MSVOA_X
ClientSampleId :
IBLK

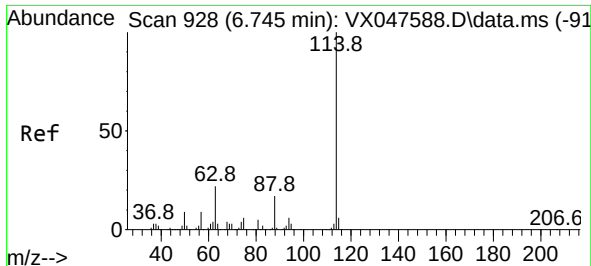
Tgt Ion:168 Resp: 115305
Ion Ratio Lower Upper
168 100
99 63.4 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 60.820 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048030.D
Acq: 06 Oct 2025 17:15

Tgt Ion: 65 Resp: 111627
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0

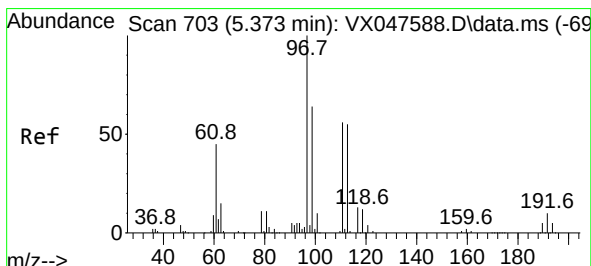
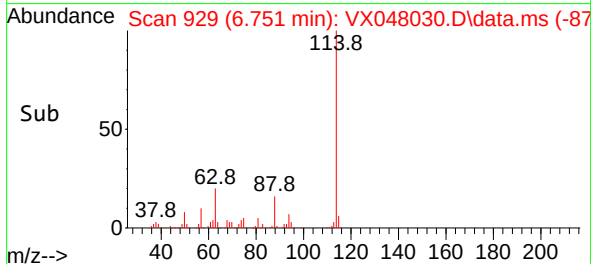
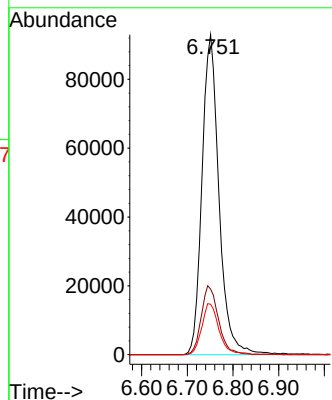
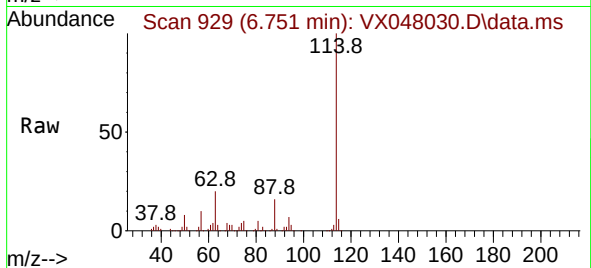




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048030.D
Acq: 06 Oct 2025 17:15

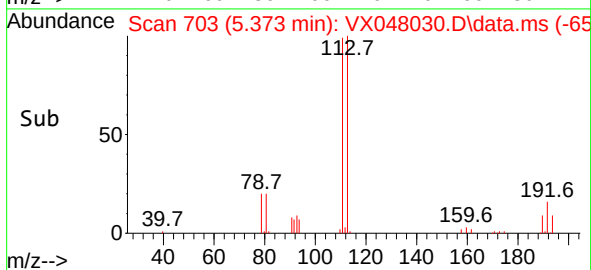
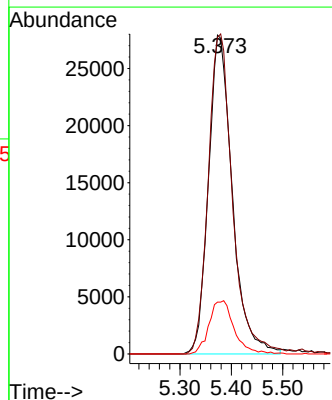
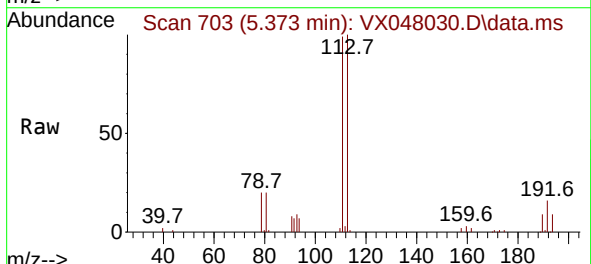
Instrument :
MSVOA_X
ClientSampleId :
IBLK

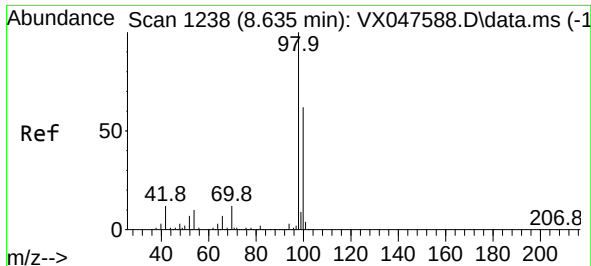
Tgt Ion:114 Resp: 239666
Ion Ratio Lower Upper
114 100
63 20.5 0.0 44.0
88 15.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 55.909 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048030.D
Acq: 06 Oct 2025 17:15

Tgt Ion:113 Resp: 89864
Ion Ratio Lower Upper
113 100
111 102.1 80.9 121.3
192 17.6 14.2 21.4

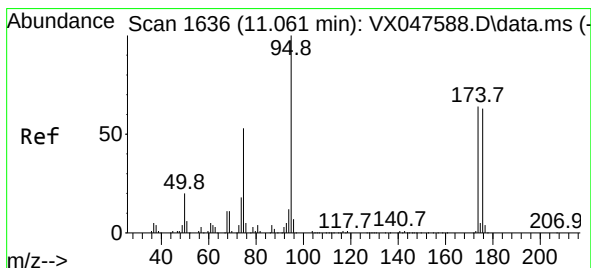
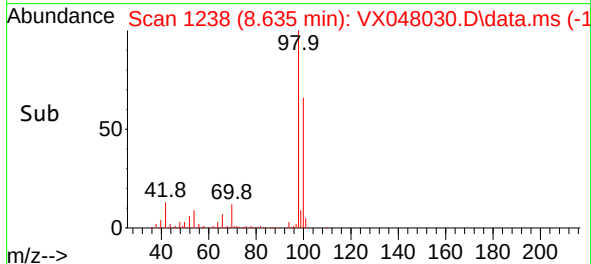
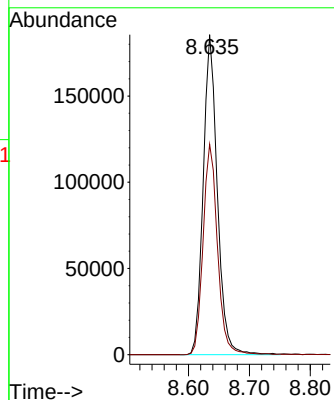
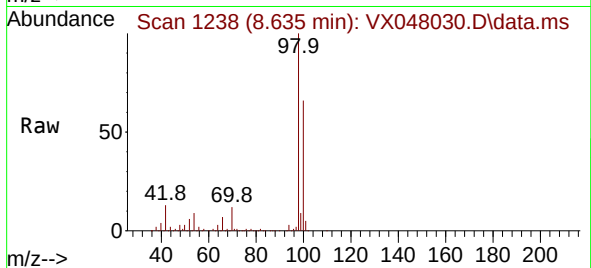




#50
Toluene-d8
Concen: 53.832 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048030.D
Acq: 06 Oct 2025 17:15

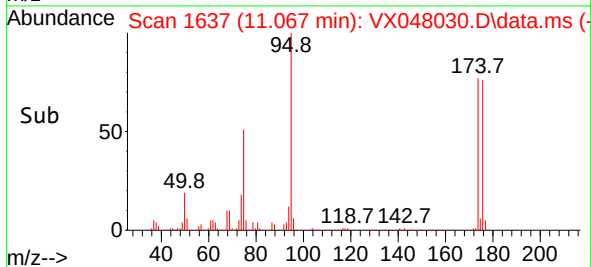
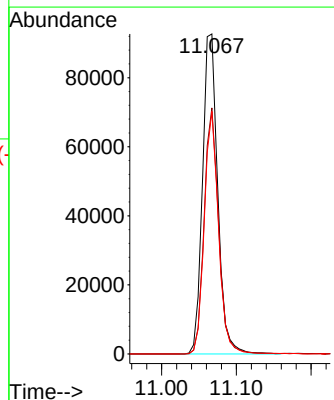
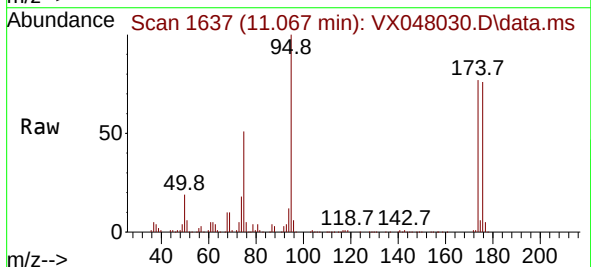
Instrument :
MSVOA_X
ClientSampleId :
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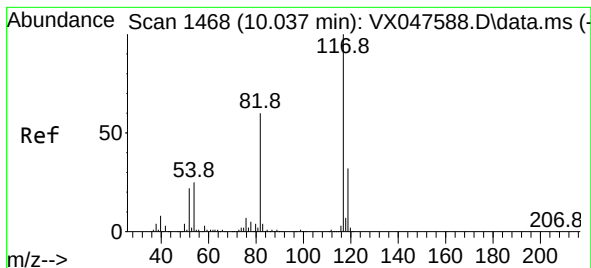
Tgt Ion: 98 Resp: 299398
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 62.114 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048030.D
Acq: 06 Oct 2025 17:15

Tgt Ion: 95 Resp: 131107
Ion Ratio Lower Upper
95 100
174 73.3 0.0 141.6
176 71.3 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: VX048030.D

Acq: 06 Oct 2025 17:15

Instrument :

MSVOA_X

ClientSampleId :

IBLK

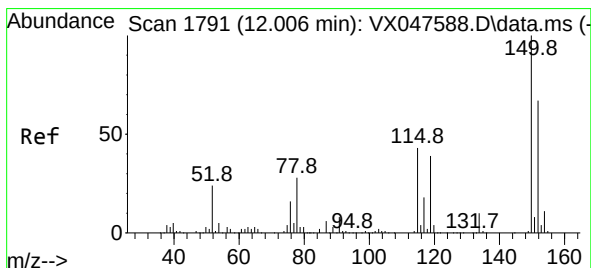
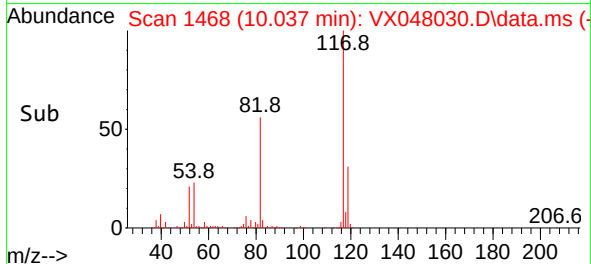
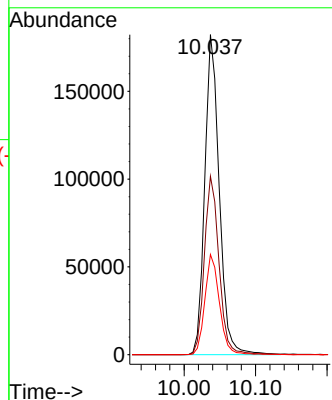
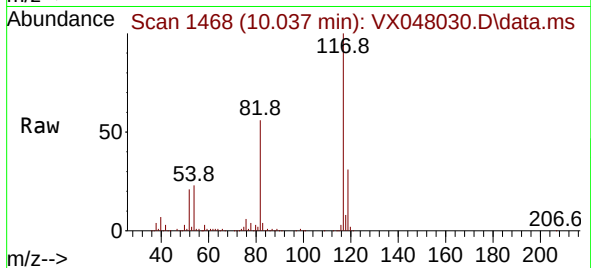
Tgt Ion:117 Resp: 256969

Ion Ratio Lower Upper

117 100

82 55.8 47.8 71.6

119 31.3 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: VX048030.D

Acq: 06 Oct 2025 17:15

Tgt Ion:152 Resp: 134267

Ion Ratio Lower Upper

152 100

115 62.0 44.9 134.5

150 155.4 0.0 352.0

