

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047662.D
 Acq On : 19 Sep 2025 10:11
 Operator : JC/MD
 Sample : VX0919WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBL01

Quant Time: Sep 20 00:26:41 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	5.537	168	194256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	363806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	339161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	175228	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	178788	57.822	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.640%
35) Dibromofluoromethane	5.373	113	128166	52.530	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.060%
50) Toluene-d8	8.634	98	441682	52.317	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.640%
62) 4-Bromofluorobenzene	11.061	95	180450	56.319	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.640%

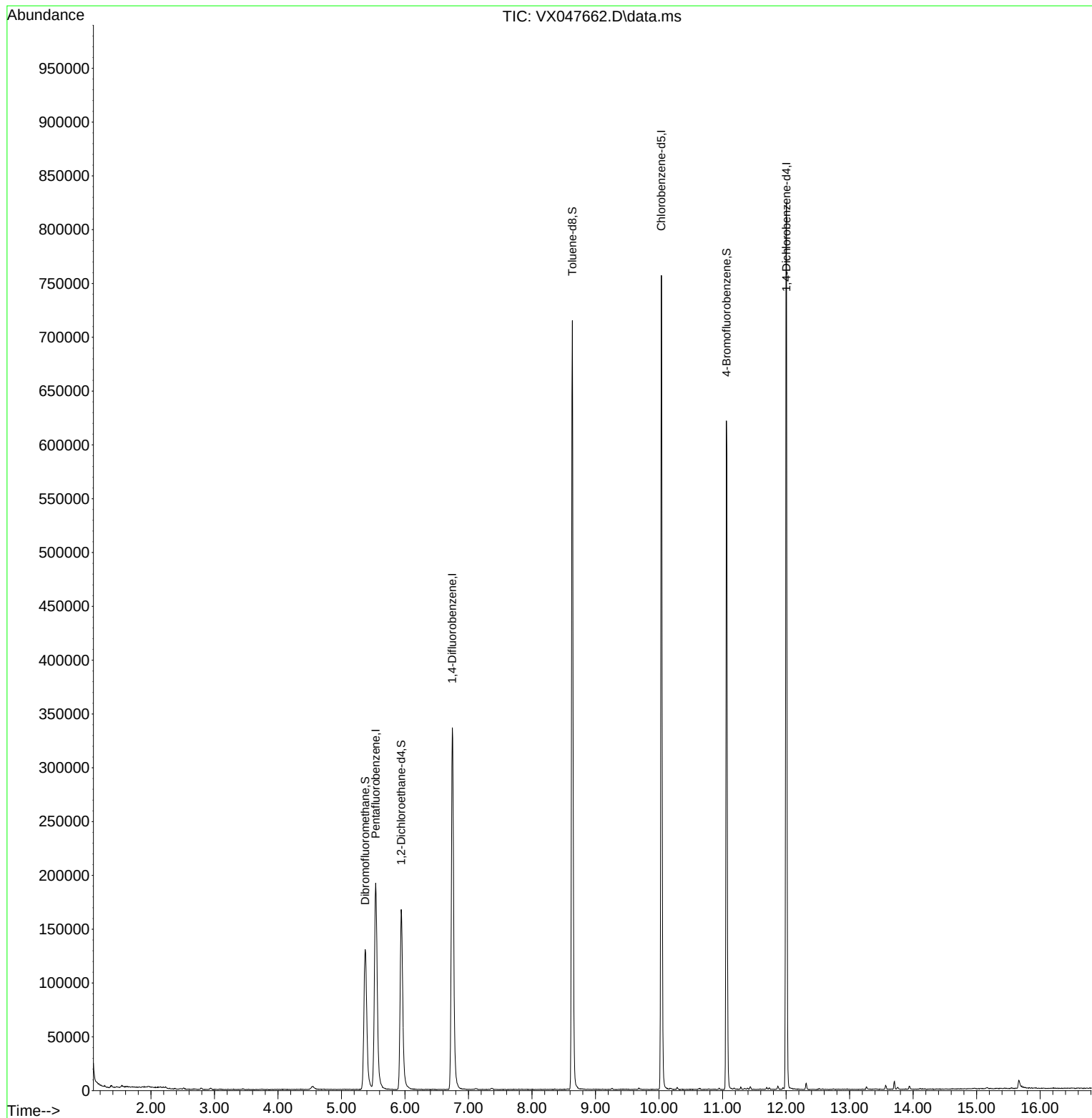
Target Compounds	Qvalue

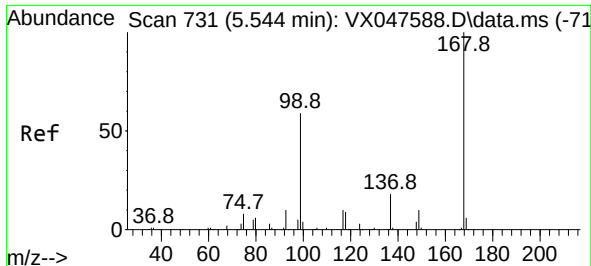
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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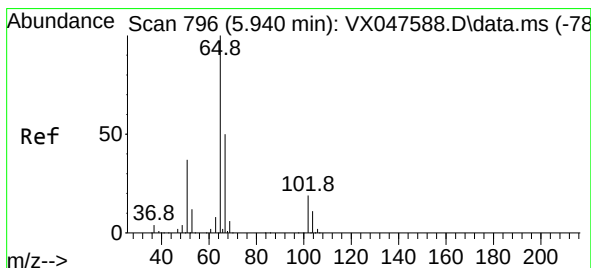
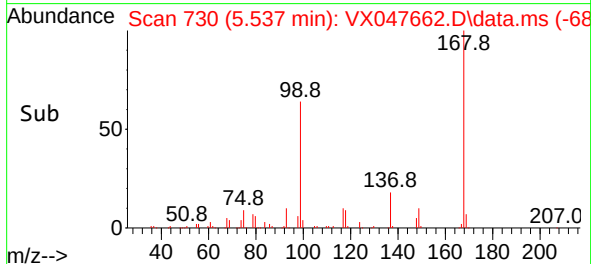
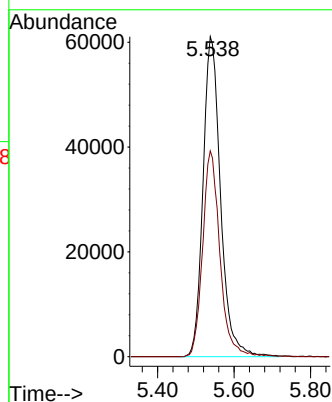
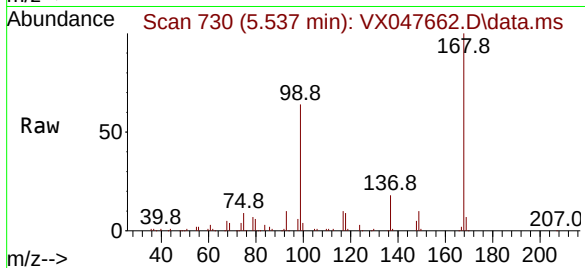




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

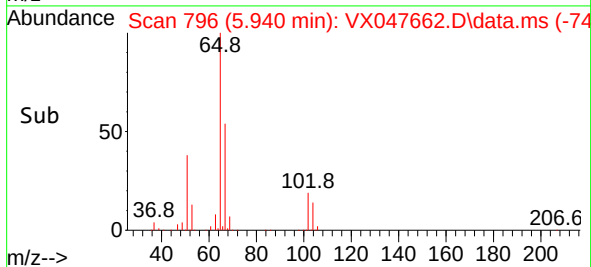
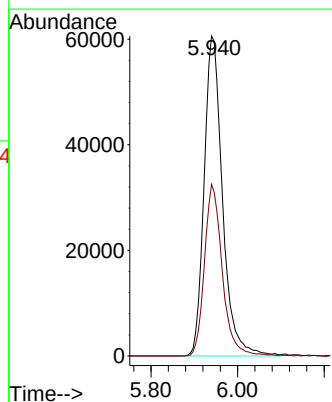
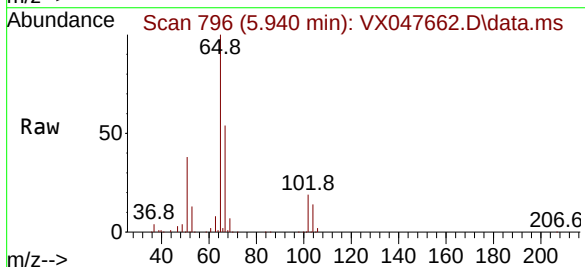
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBL01

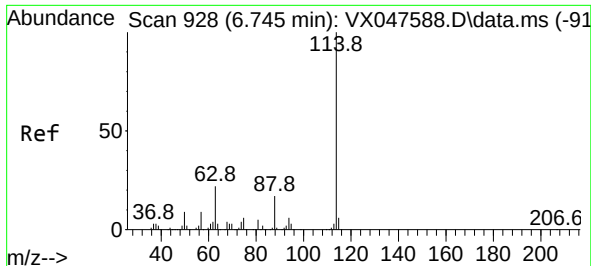
Tgt Ion:168 Resp: 194256
Ion Ratio Lower Upper
168 100
99 64.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 57.822 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

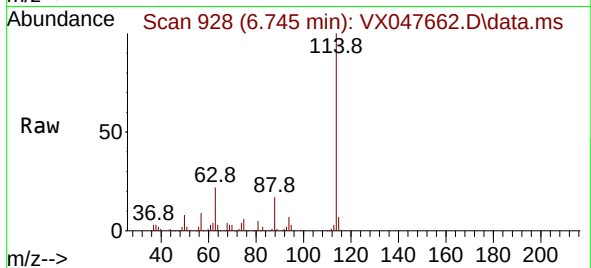
Tgt Ion: 65 Resp: 178788
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0



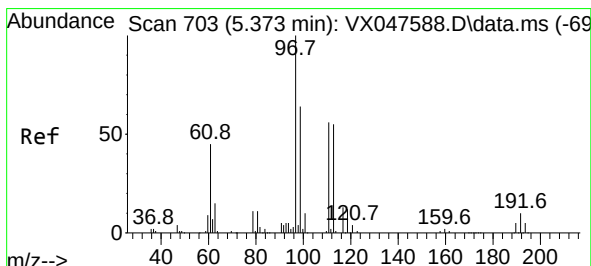
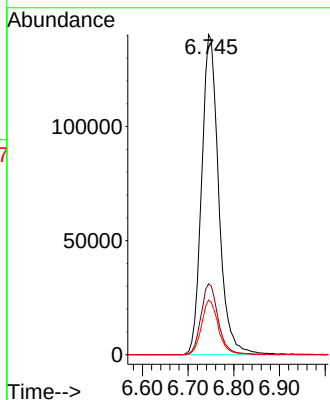
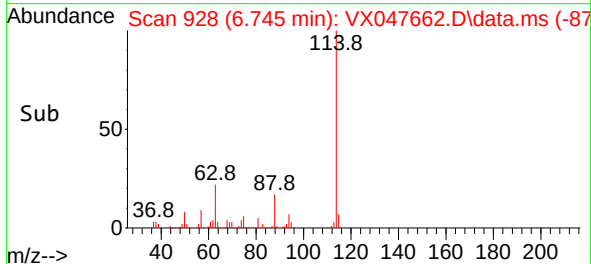


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

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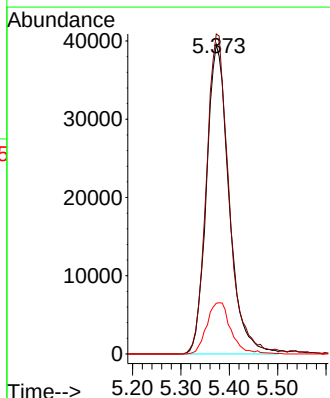
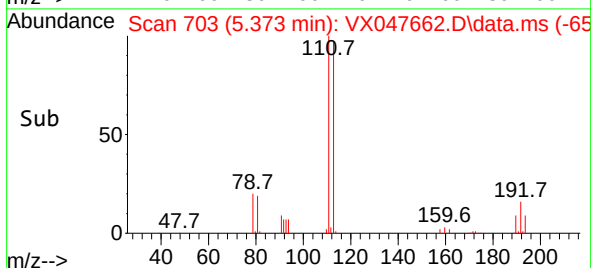
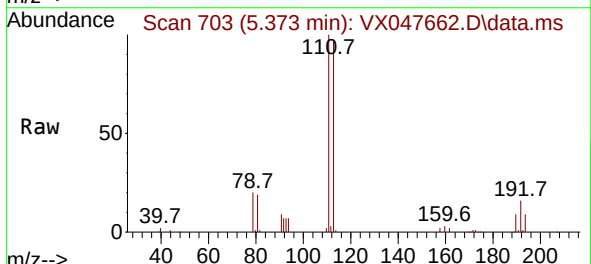


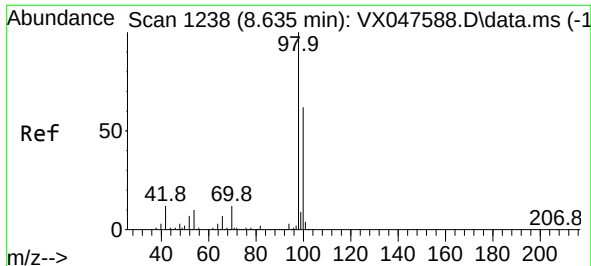
Tgt Ion:114 Resp: 363806
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.0
88 17.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 52.530 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

Tgt Ion:113 Resp: 128166
Ion Ratio Lower Upper
113 100
111 103.8 80.9 121.3
192 17.7 14.2 21.4

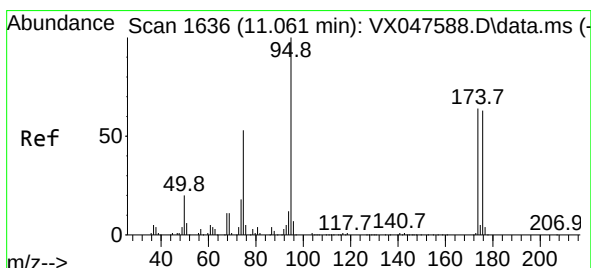
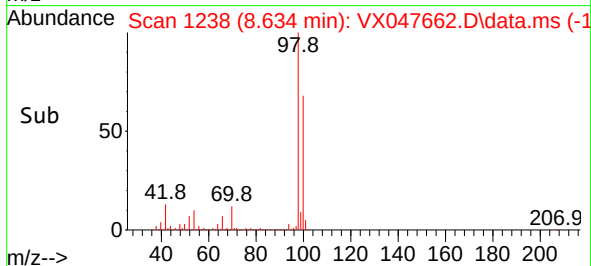
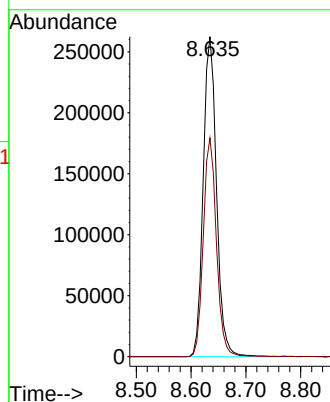
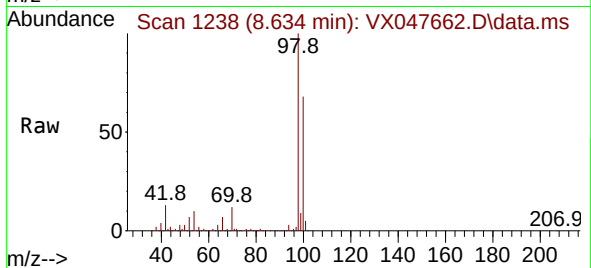




#50
Toluene-d8
Concen: 52.317 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

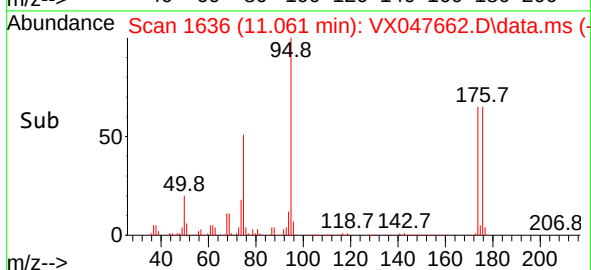
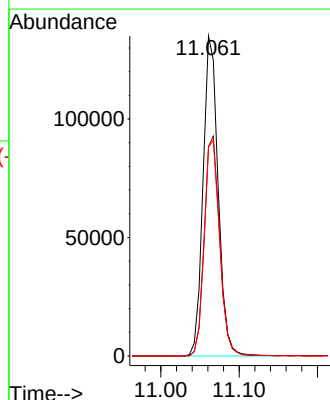
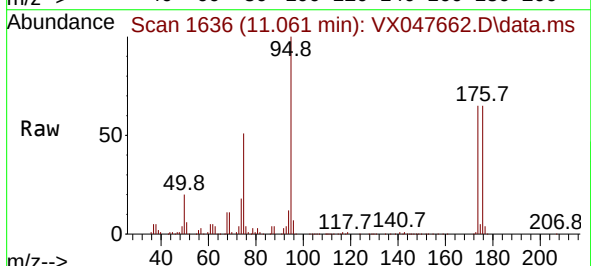
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBL01

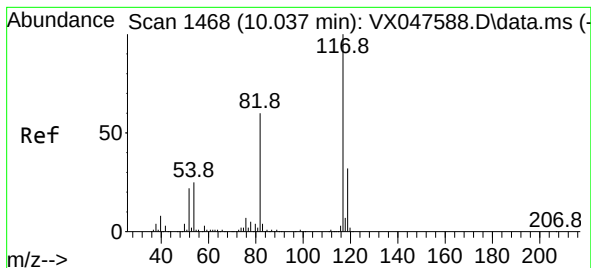
Tgt Ion: 98 Resp: 441682
Ion Ratio Lower Upper
98 100
100 67.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.319 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

Tgt Ion: 95 Resp: 180450
Ion Ratio Lower Upper
95 100
174 70.5 0.0 141.6
176 68.5 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: VX047662.D

Acq: 19 Sep 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBL01

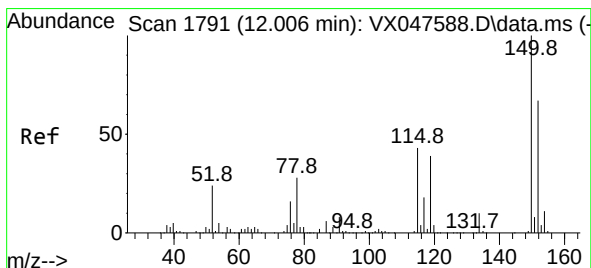
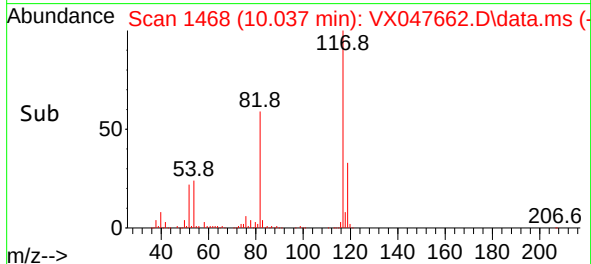
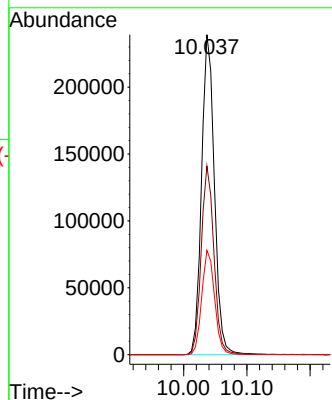
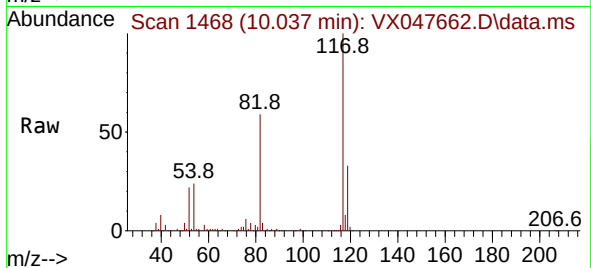
Tgt Ion:117 Resp: 339161

Ion Ratio Lower Upper

117 100

82 59.0 47.8 71.6

119 32.6 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: VX047662.D

Acq: 19 Sep 2025 10:11

Tgt Ion:152 Resp: 175228

Ion Ratio Lower Upper

152 100

115 61.9 44.9 134.5

150 155.9 0.0 352.0

