

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047937.D
 Acq On : 01 Oct 2025 14:06
 Operator : JC/MD
 Sample : Q3193-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20250922DL

Quant Time: Oct 03 01:21:41 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)

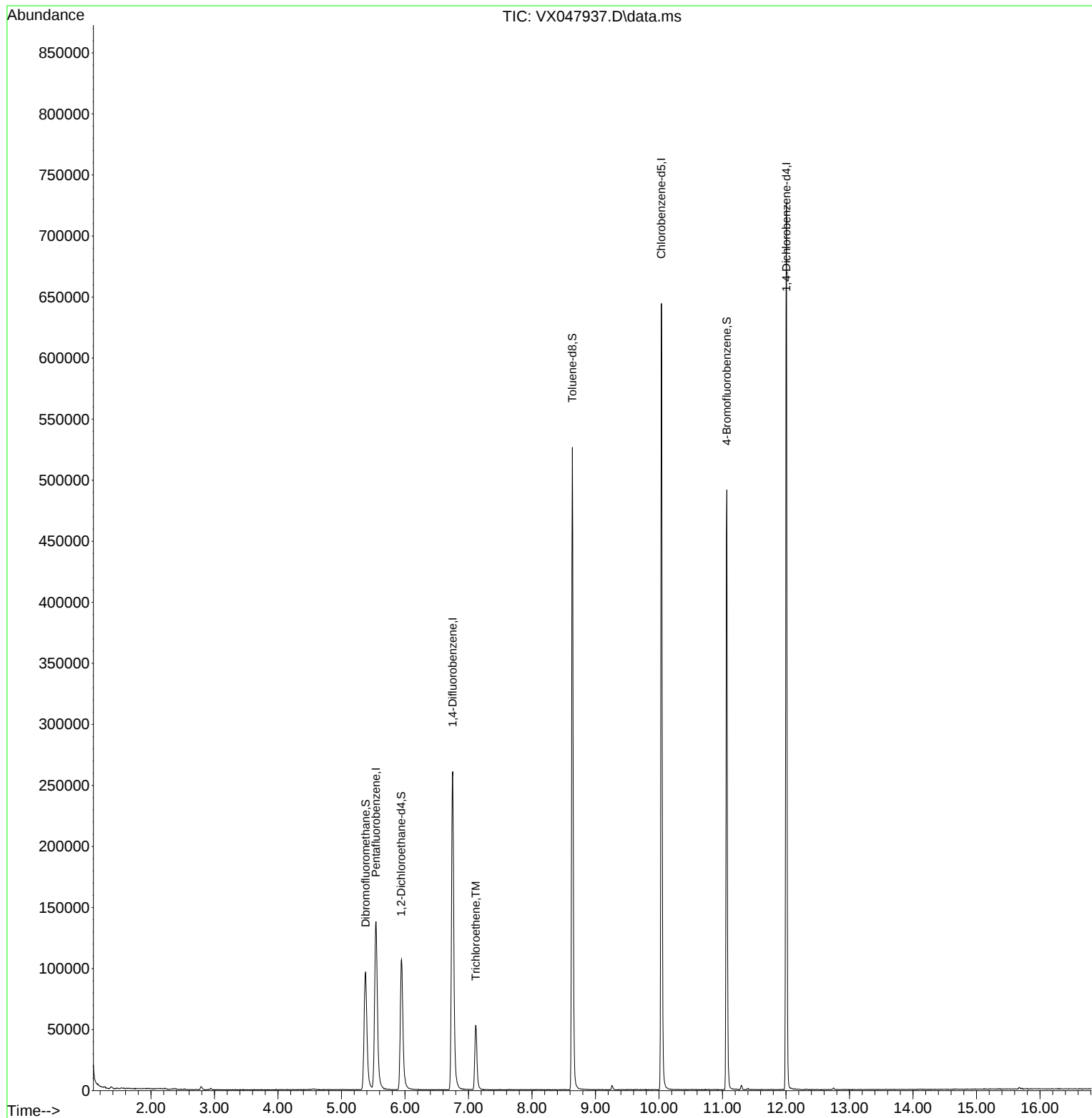
Internal Standards						
1) Pentafluorobenzene	5.544	168	137989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	284533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	293412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	118085	53.762	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.520%
35) Dibromofluoromethane	5.379	113	94414	49.477	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.960%
50) Toluene-d8	8.635	98	318228	48.195	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.400%
62) 4-Bromofluorobenzene	11.067	95	138733	55.362	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.720%
Target Compounds						
						Qvalue
44) Trichloroethene	7.117	130	23235	11.348	ug/l	99

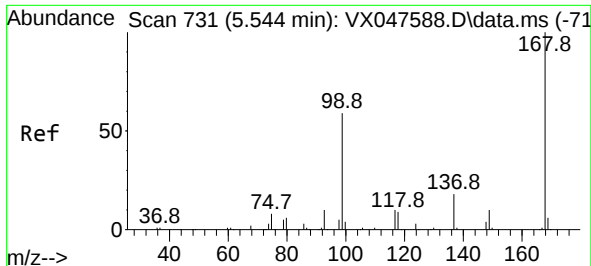
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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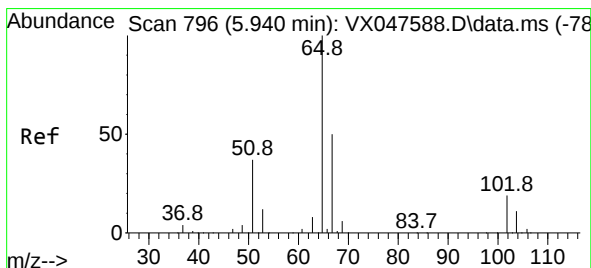
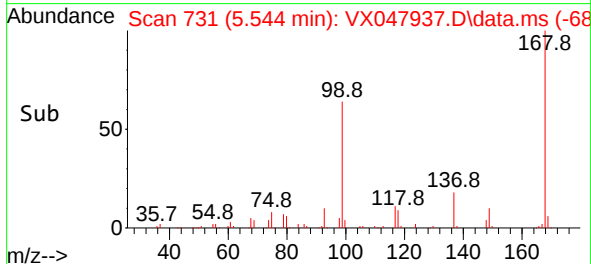
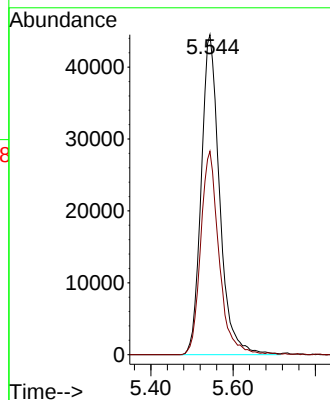
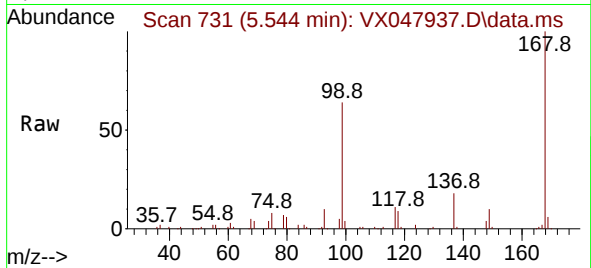




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047937.D
Acq: 01 Oct 2025 14:06

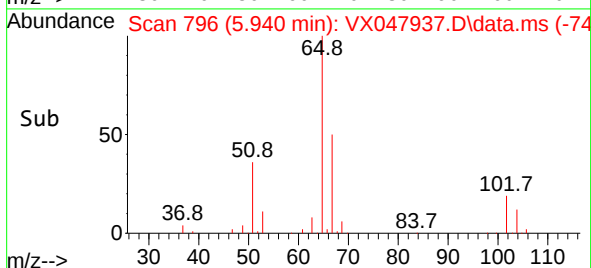
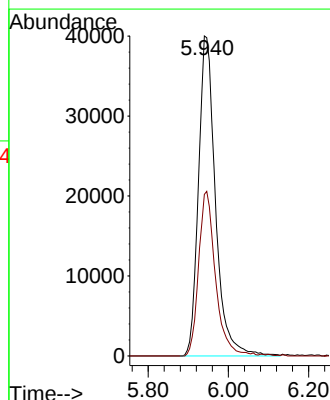
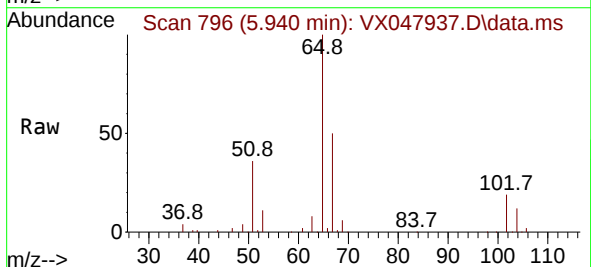
Instrument :
MSVOA_X
ClientSampleId :
RW4-20250922DL

Tgt Ion:168 Resp: 137989
Ion Ratio Lower Upper
168 100
99 63.5 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 53.762 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX047937.D
Acq: 01 Oct 2025 14:06

Tgt Ion: 65 Resp: 118085
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0

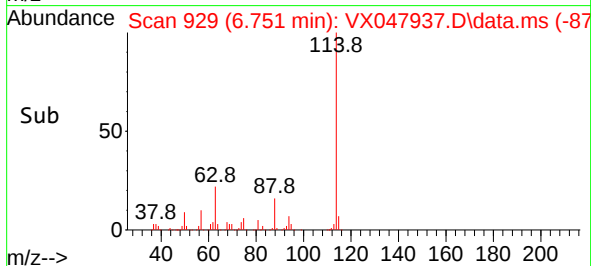
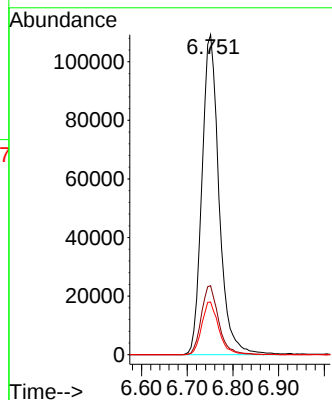
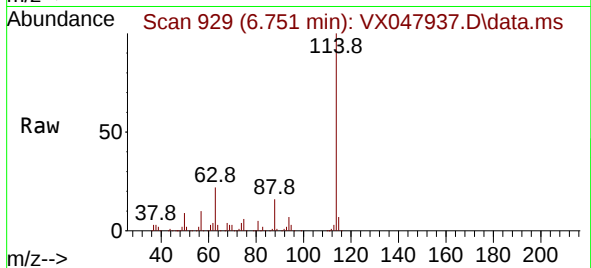




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047937.D
Acq: 01 Oct 2025 14:06

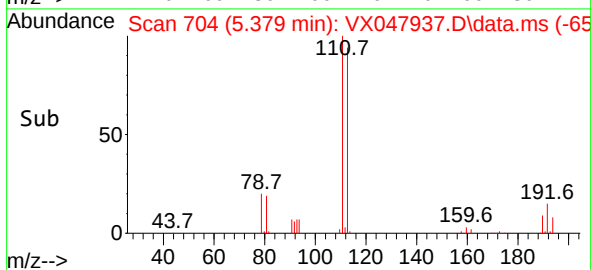
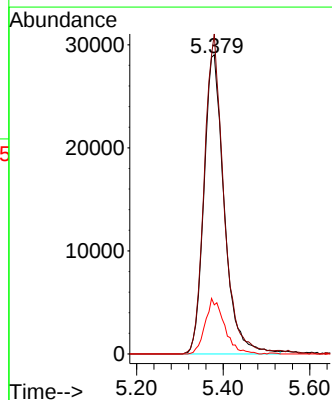
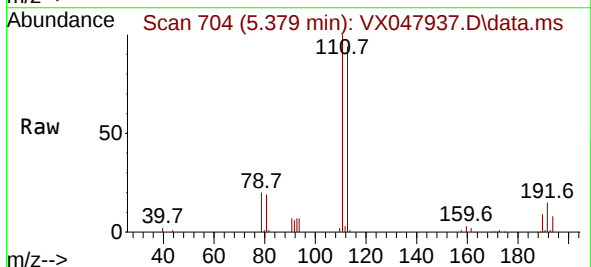
Instrument :
MSVOA_X
ClientSampleId :
RW4-20250922DL

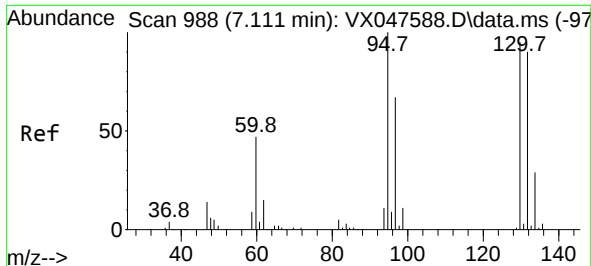
Tgt Ion:114 Resp: 284533
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.5 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.477 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047937.D
Acq: 01 Oct 2025 14:06

Tgt Ion:113 Resp: 94414
Ion Ratio Lower Upper
113 100
111 103.1 80.9 121.3
192 17.6 14.2 21.4

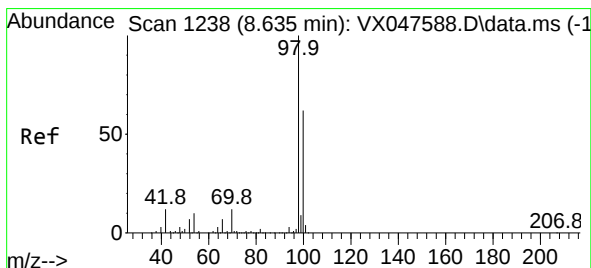
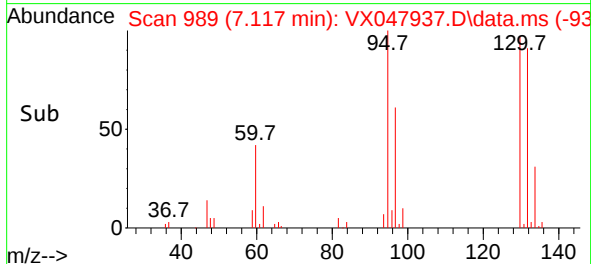
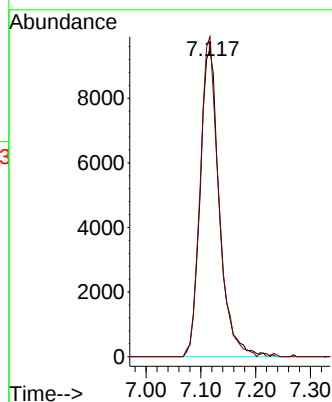
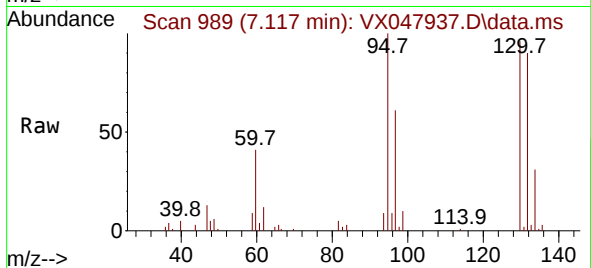




#44
Trichloroethene
Concen: 11.348 ug/l
RT: 7.117 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047937.D
Acq: 01 Oct 2025 14:06

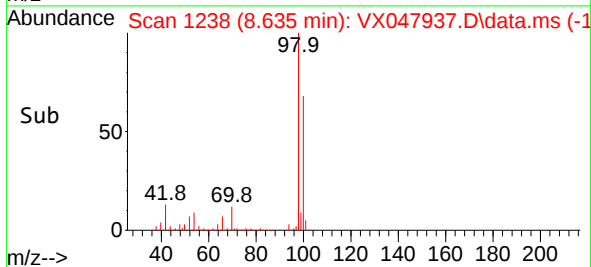
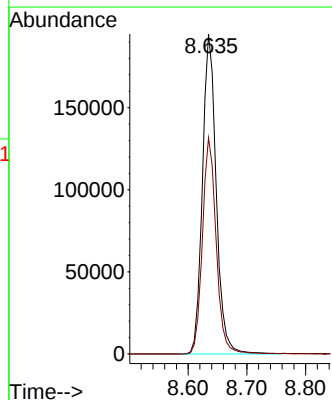
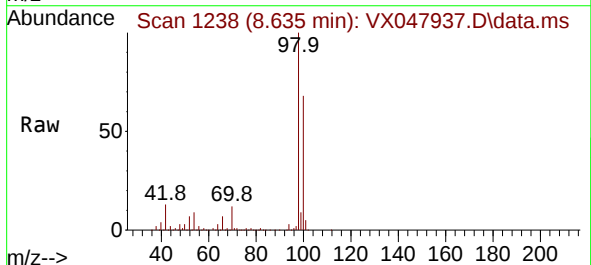
Instrument :
MSVOA_X
ClientSampleId :
RW4-20250922DL

Tgt Ion:130 Resp: 23235
Ion Ratio Lower Upper
130 100
95 104.0 0.0 210.8



#50
Toluene-d8
Concen: 48.195 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047937.D
Acq: 01 Oct 2025 14:06

Tgt Ion: 98 Resp: 318228
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 55.362 ug/l

RT: 11.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047937.D

Acq: 01 Oct 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

RW4-20250922DL

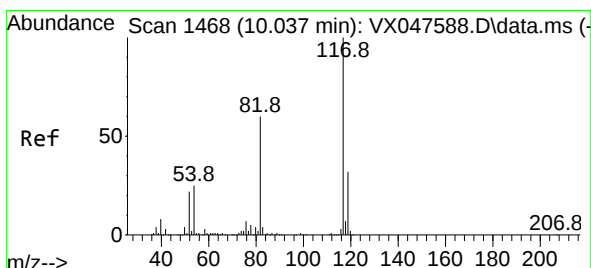
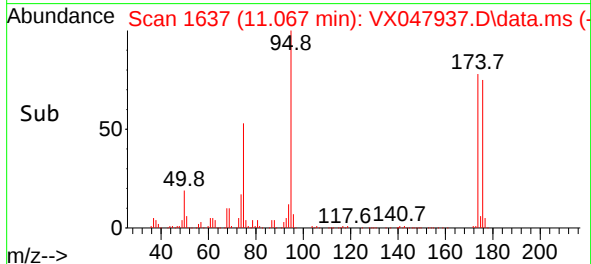
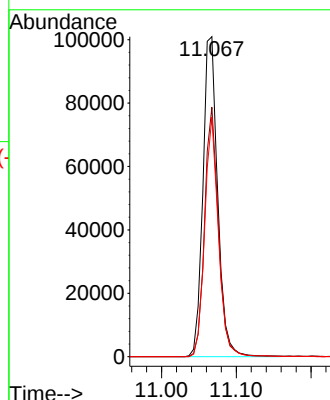
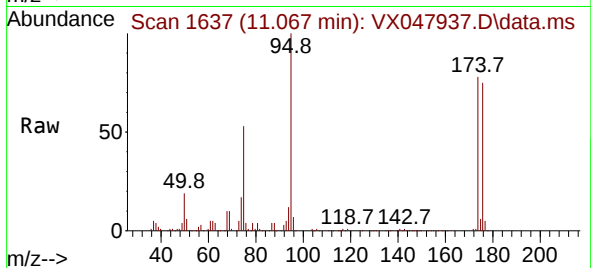
Tgt Ion: 95 Resp: 138733

Ion Ratio Lower Upper

95 100

174 73.2 0.0 141.6

176 69.6 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: VX047937.D

Acq: 01 Oct 2025 14:06

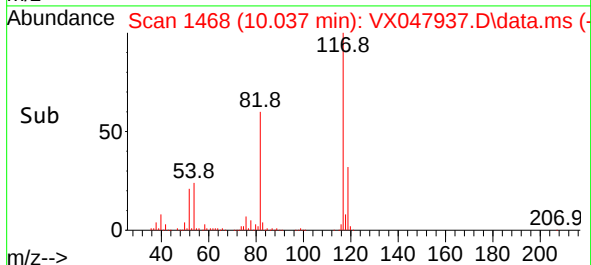
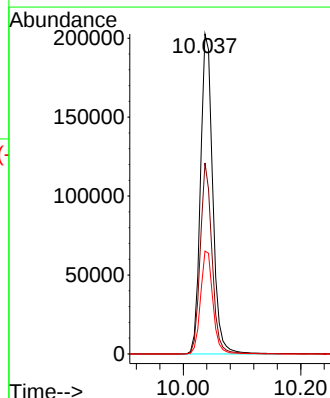
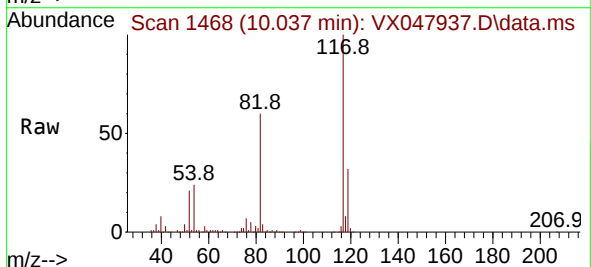
Tgt Ion: 117 Resp: 293412

Ion Ratio Lower Upper

117 100

82 59.7 47.8 71.6

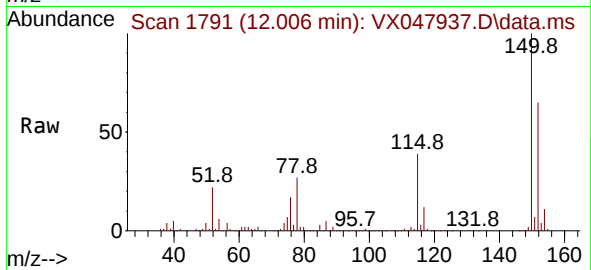
119 32.1 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047937.D
 Acq: 01 Oct 2025 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20250922DL



Tgt Ion:152 Resp: 151588
 Ion Ratio Lower Upper
 152 100
 115 61.2 44.9 134.5
 150 152.4 0.0 352.0

