

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047800.D
 Acq On : 25 Sep 2025 11:03
 Operator : JC/MD
 Sample : Q3165-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB184-HYD-20250919

Quant Time: Sep 26 01:24:28 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	120300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	251100	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	252620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	124631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95225	49.729	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.460%
35) Dibromofluoromethane	5.373	113	79370	47.131	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.260%
50) Toluene-d8	8.634	98	278502	47.795	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.580%
62) 4-Bromofluorobenzene	11.061	95	116832	52.830	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.660%

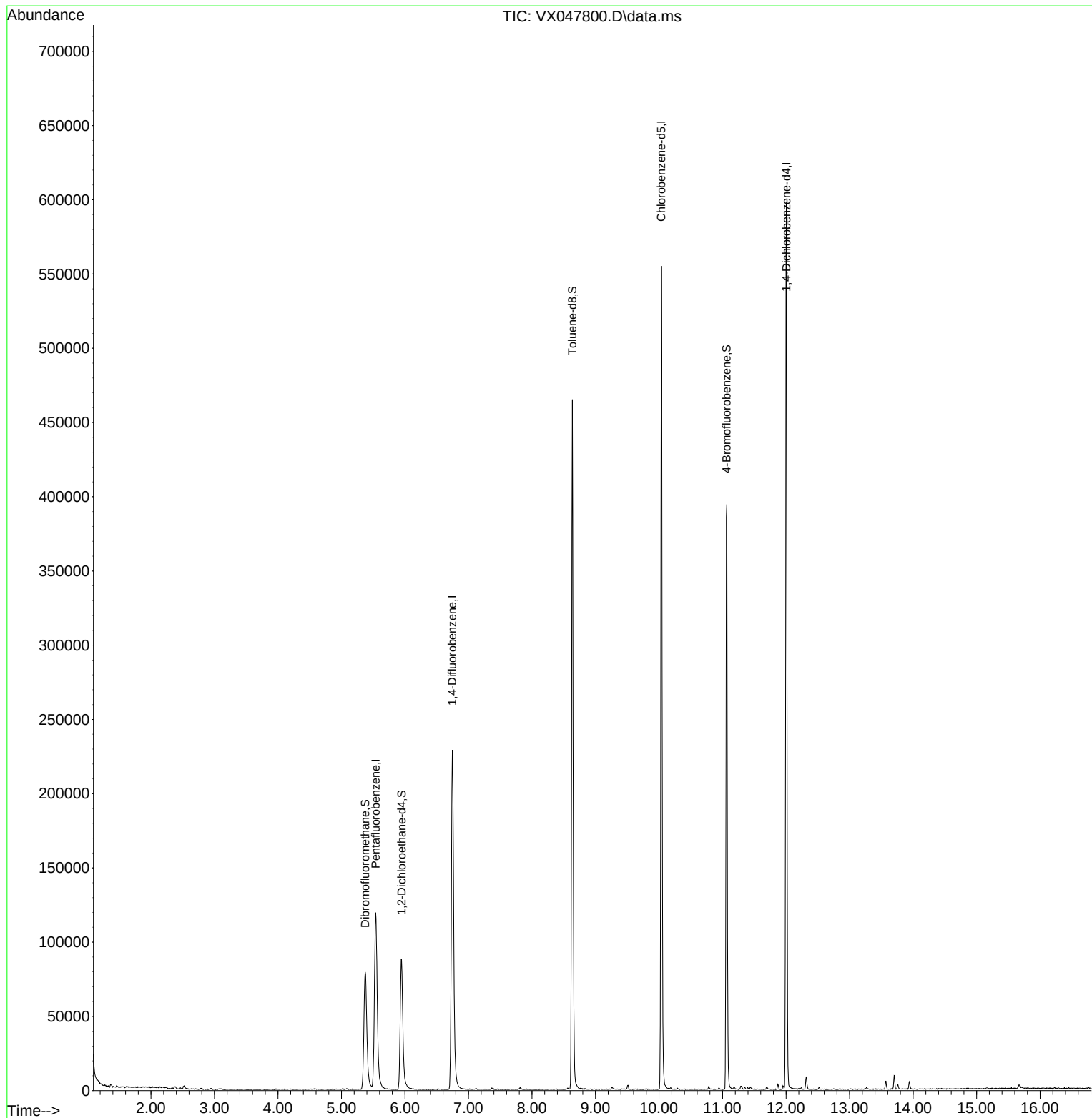
Target Compounds	Qvalue

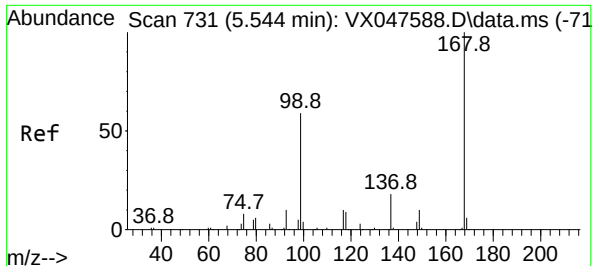
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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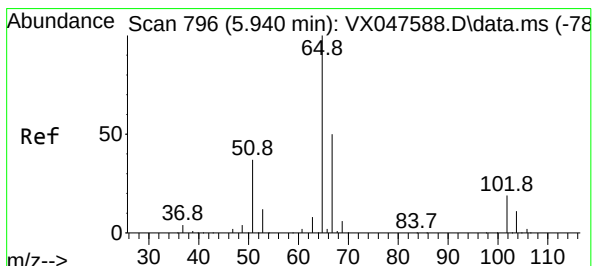
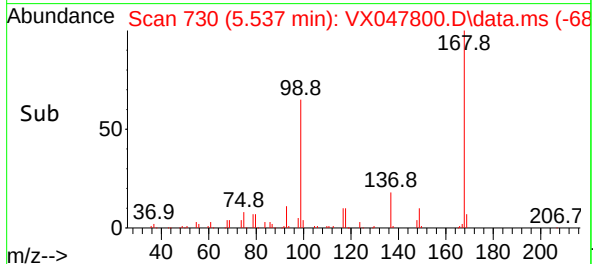
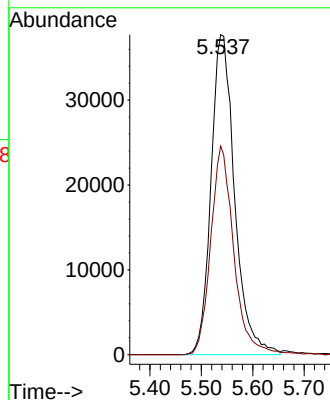
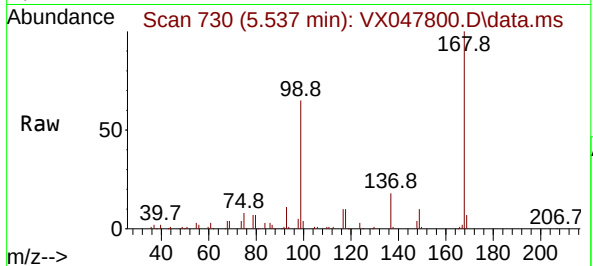




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX047800.D
Acq: 25 Sep 2025 11:03

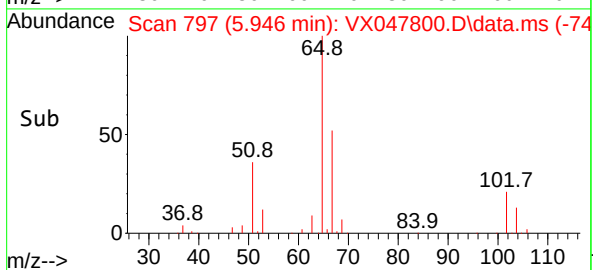
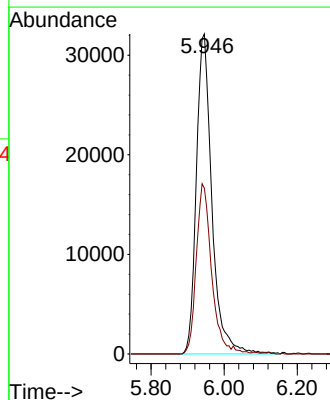
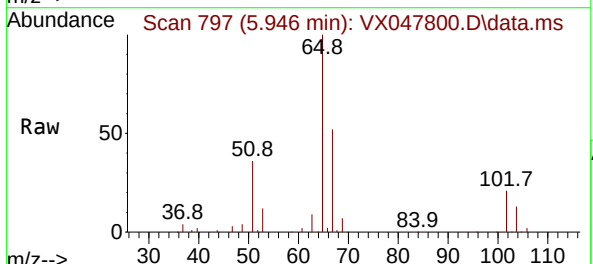
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20250919

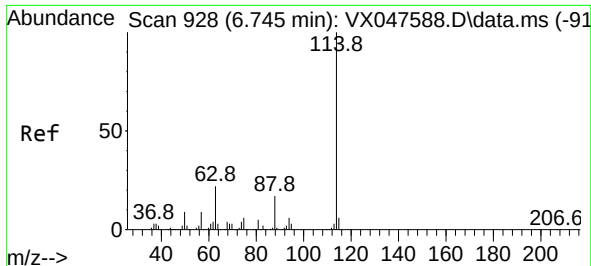
Tgt Ion:168 Resp: 120300
Ion Ratio Lower Upper
168 100
99 65.2 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 49.729 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047800.D
Acq: 25 Sep 2025 11:03

Tgt Ion: 65 Resp: 95225
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0

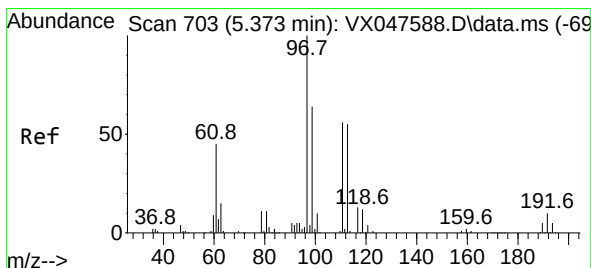
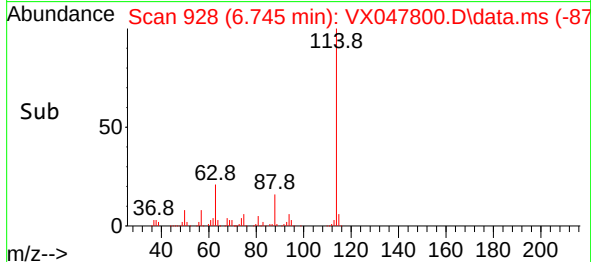
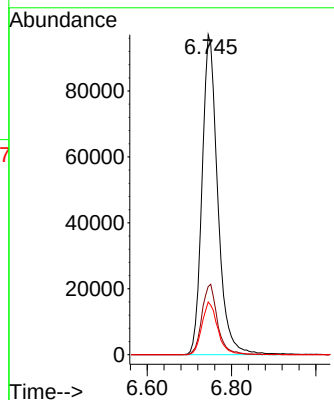
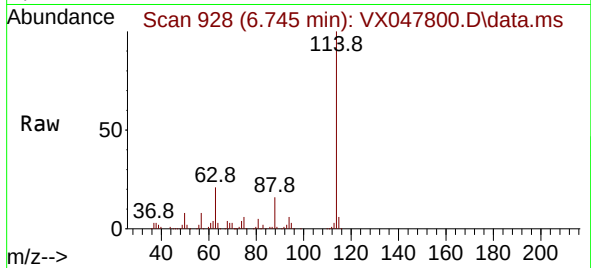




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047800.D
Acq: 25 Sep 2025 11:03

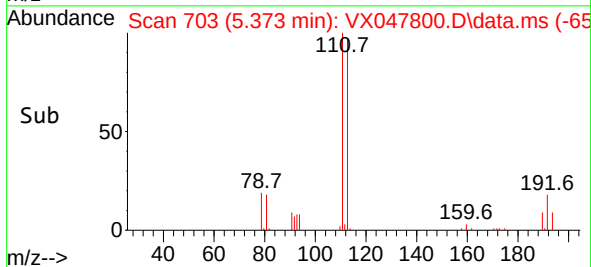
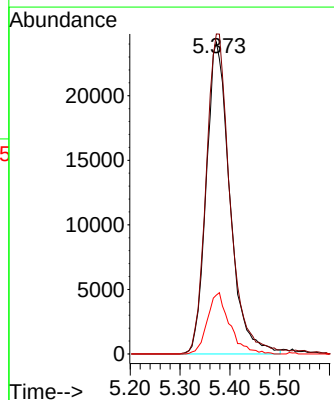
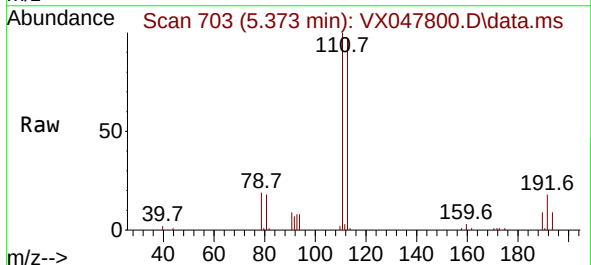
Instrument :
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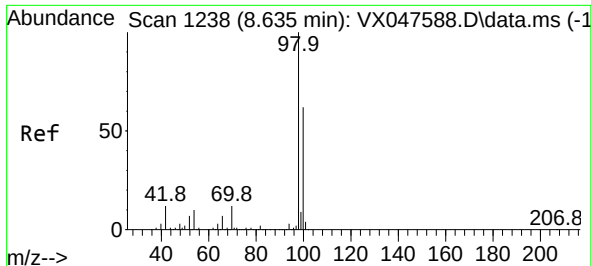
Tgt Ion:114 Resp: 251100
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.0
88 16.5 0.0 34.2



#35
Dibromofluoromethane
Concen: 47.131 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047800.D
Acq: 25 Sep 2025 11:03

Tgt Ion:113 Resp: 79370
Ion Ratio Lower Upper
113 100
111 104.4 80.9 121.3
192 18.7 14.2 21.4

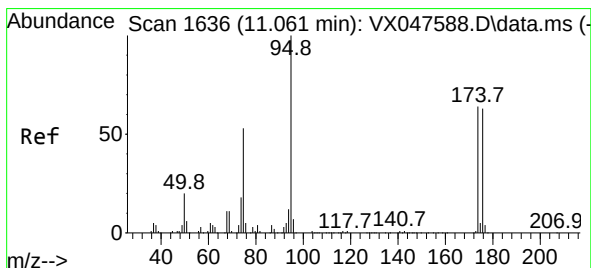
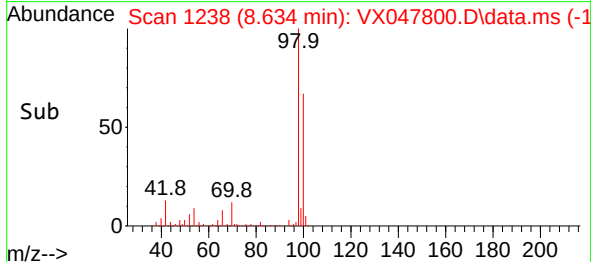
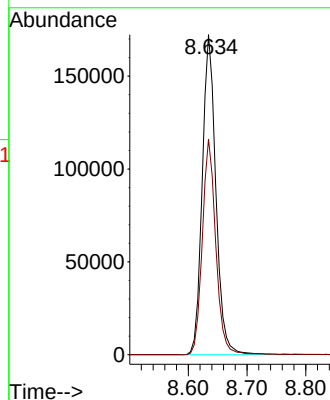
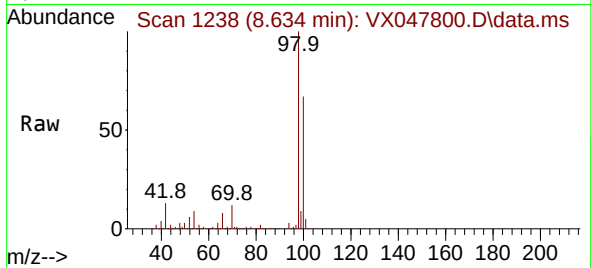




#50
Toluene-d8
Concen: 47.795 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047800.D
Acq: 25 Sep 2025 11:03

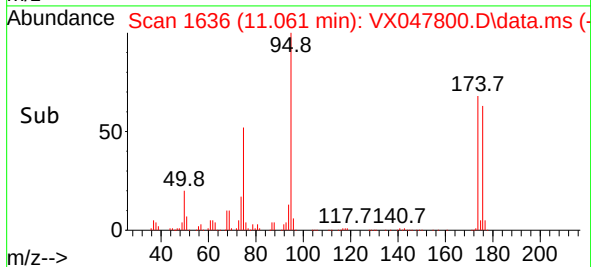
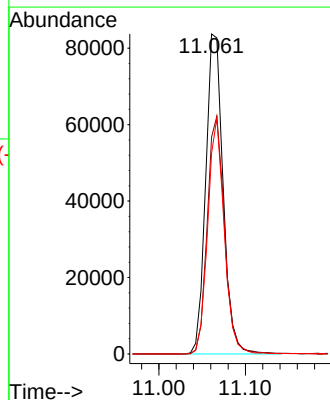
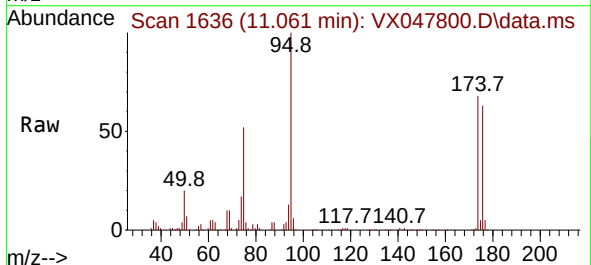
Instrument :
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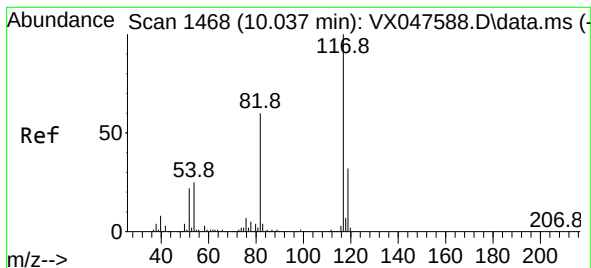
Tgt Ion: 98 Resp: 278502
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.830 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047800.D
Acq: 25 Sep 2025 11:03

Tgt Ion: 95 Resp: 116832
Ion Ratio Lower Upper
95 100
174 73.9 0.0 141.6
176 69.9 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: VX047800.D

Acq: 25 Sep 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

VPB184-HYD-20250919

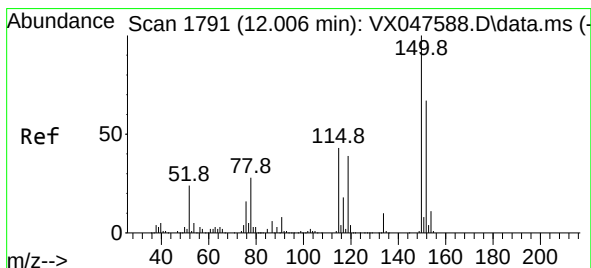
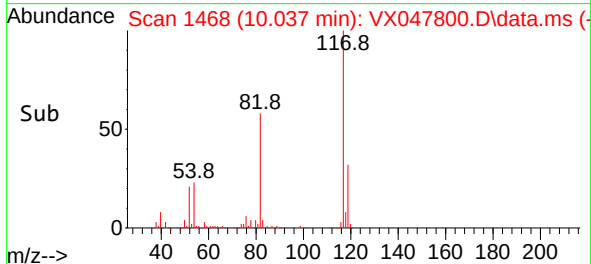
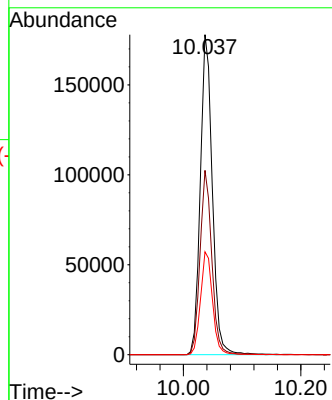
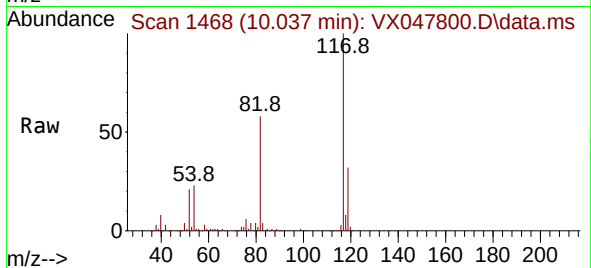
Tgt Ion:117 Resp: 252620

Ion Ratio Lower Upper

117 100

82 57.6 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# 1791

Delta R.T. -0.000 min

Lab File: VX047800.D

Acq: 25 Sep 2025 11:03

Tgt Ion:152 Resp: 124631

Ion Ratio Lower Upper

152 100

115 63.1 44.9 134.5

150 158.3 0.0 352.0

