

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048047.D
 Acq On : 07 Oct 2025 13:02
 Operator : JC/MD
 Sample : Q3298-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-TB-20251003

Quant Time: Oct 08 01:27:16 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	5.538	168	119485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	242388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	248619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	121141	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	96225	50.594	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.180%
35) Dibromofluoromethane	5.373	113	79183	48.710	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.420%
50) Toluene-d8	8.635	98	268662	47.763	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.520%
62) 4-Bromofluorobenzene	11.067	95	115010	53.876	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.760%

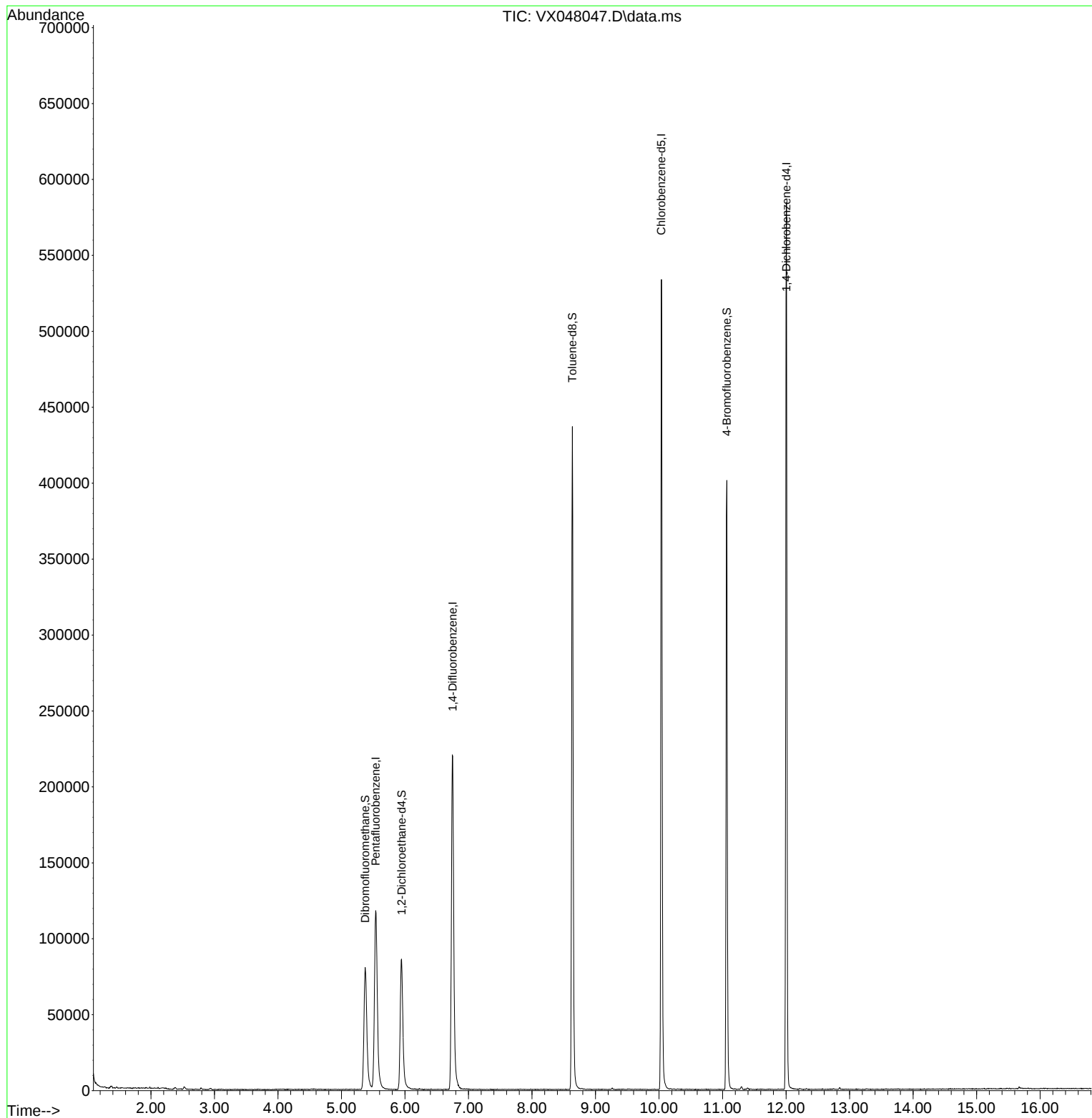
Target Compounds	Qvalue

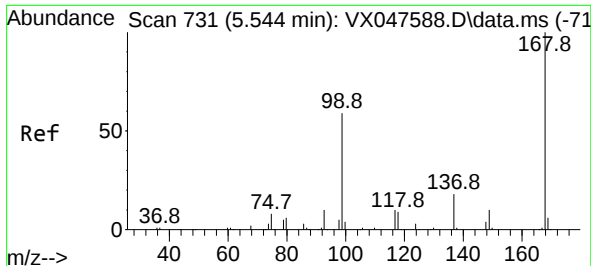
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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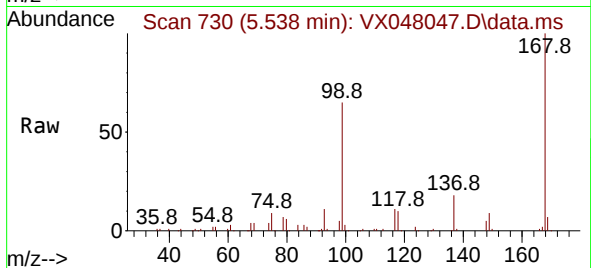
Quant Time: Oct 08 01:27:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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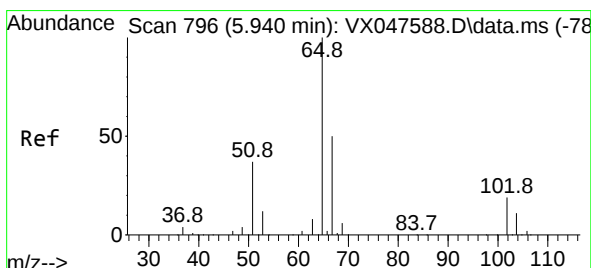
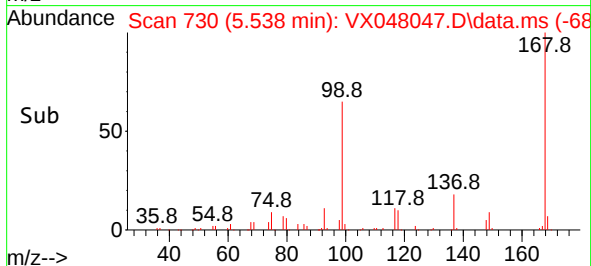
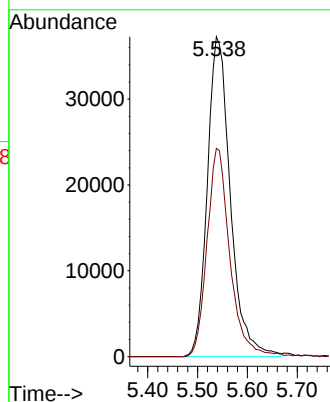


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048047.D
Acq: 07 Oct 2025 13:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251003

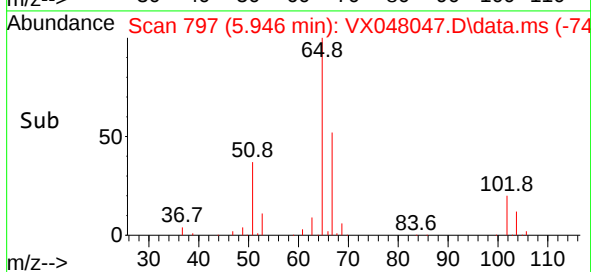
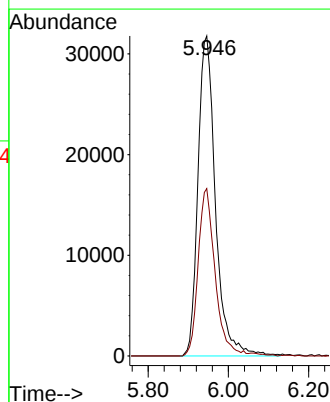
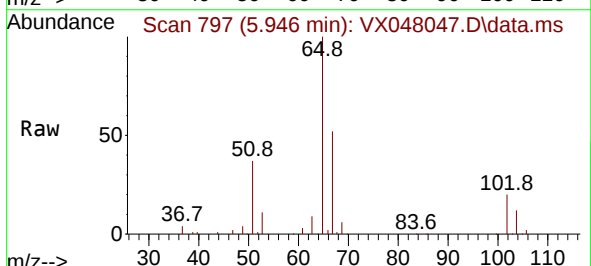


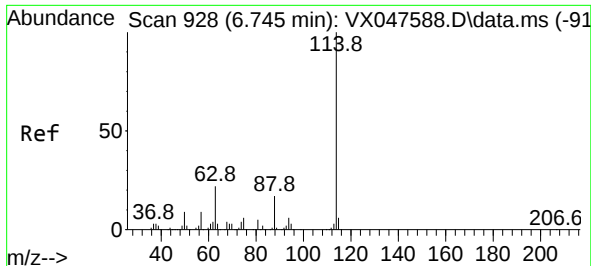
Tgt Ion:168 Resp: 119485
Ion Ratio Lower Upper
168 100
99 65.1 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 50.594 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048047.D
Acq: 07 Oct 2025 13:02

Tgt Ion: 65 Resp: 96225
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0

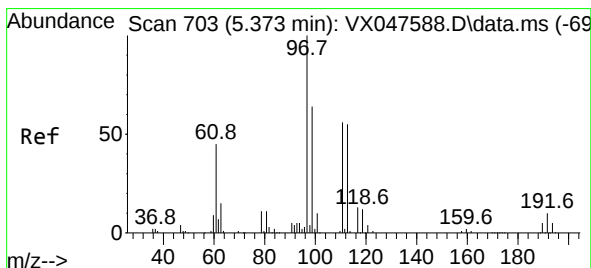
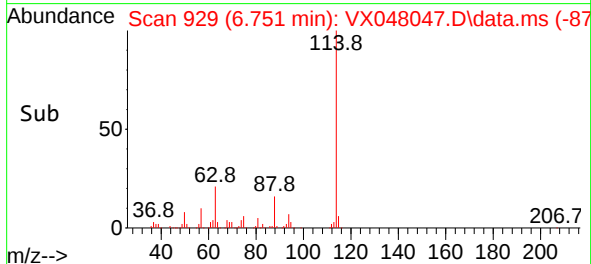
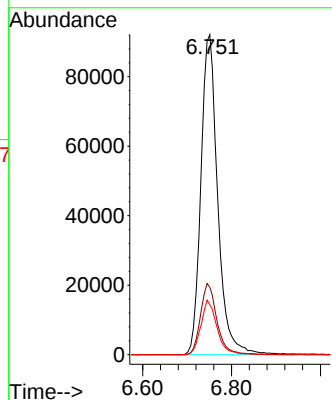
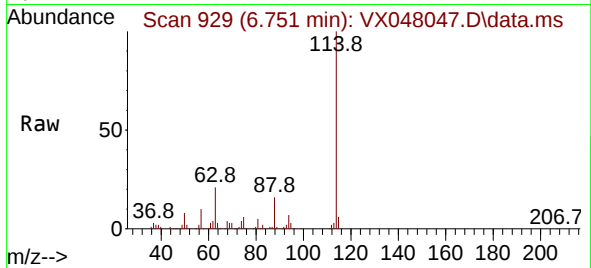




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX048047.D
Acq: 07 Oct 2025 13:02

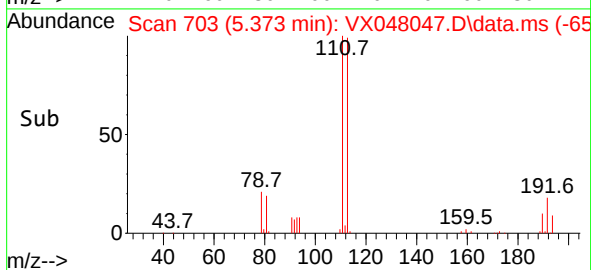
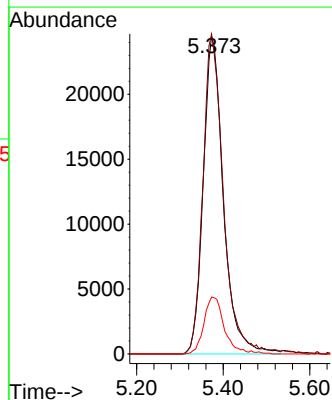
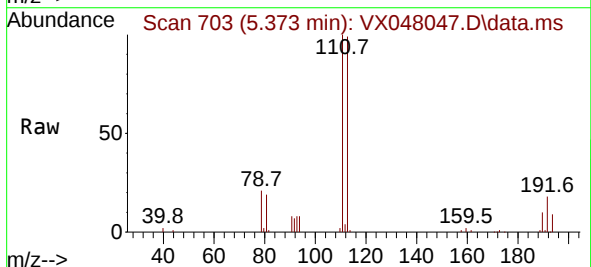
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251003

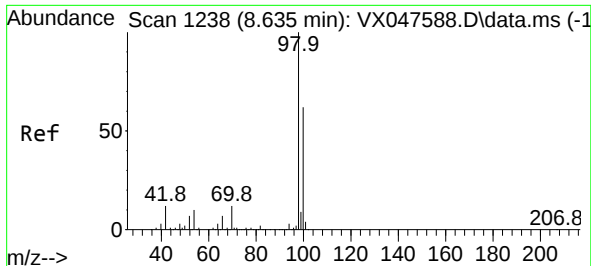
Tgt Ion:114 Resp: 242388
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.0
88 15.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.710 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048047.D
Acq: 07 Oct 2025 13:02

Tgt Ion:113 Resp: 79183
Ion Ratio Lower Upper
113 100
111 102.9 80.9 121.3
192 17.8 14.2 21.4

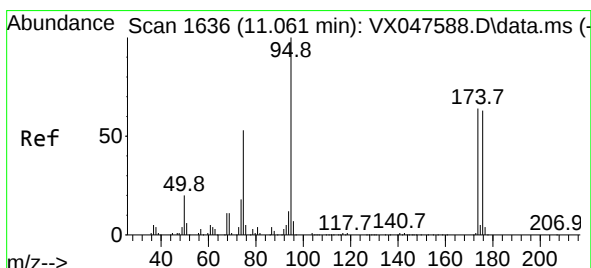
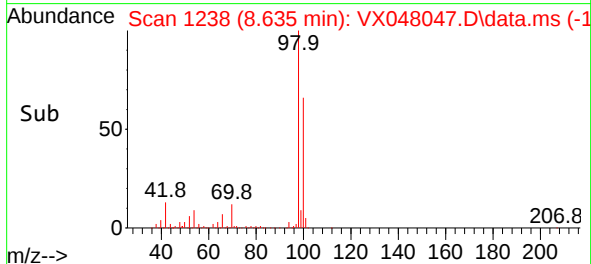
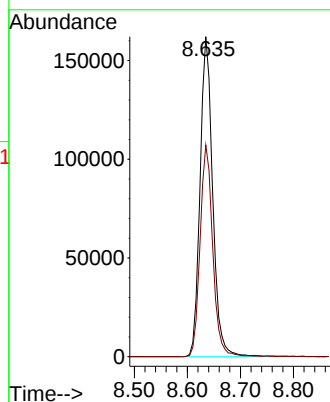
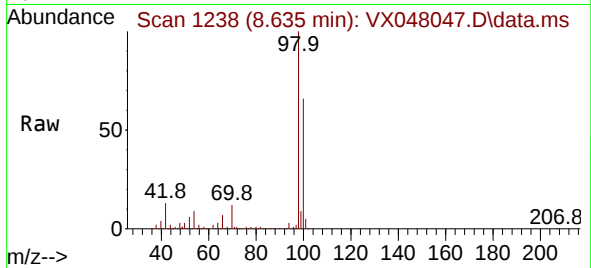




#50
Toluene-d8
Concen: 47.763 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048047.D
Acq: 07 Oct 2025 13:02

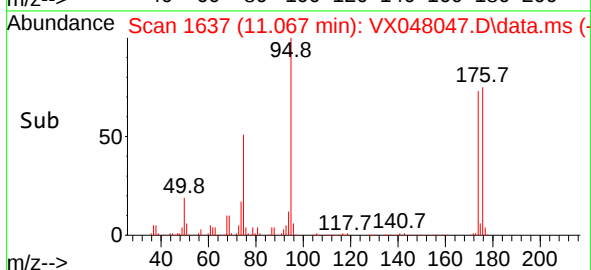
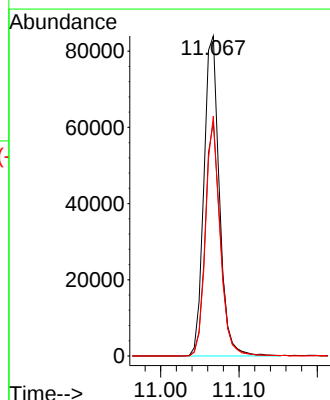
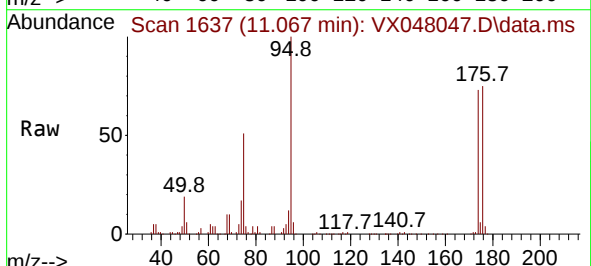
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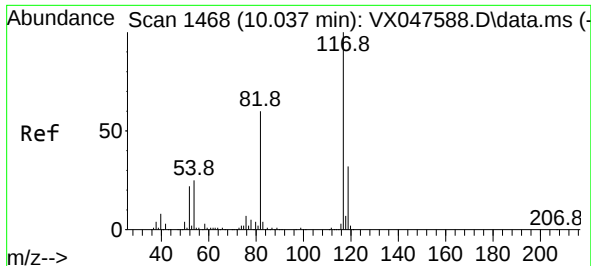
Tgt Ion: 98 Resp: 268662
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.876 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048047.D
Acq: 07 Oct 2025 13:02

Tgt Ion: 95 Resp: 115010
Ion Ratio Lower Upper
95 100
174 71.4 0.0 141.6
176 69.6 0.0 138.4

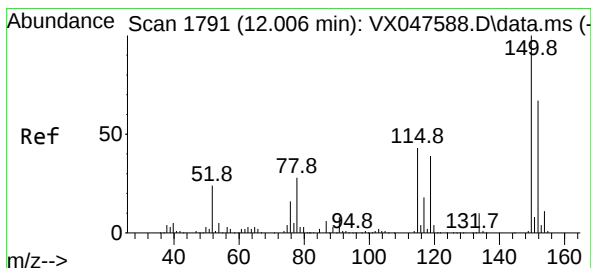
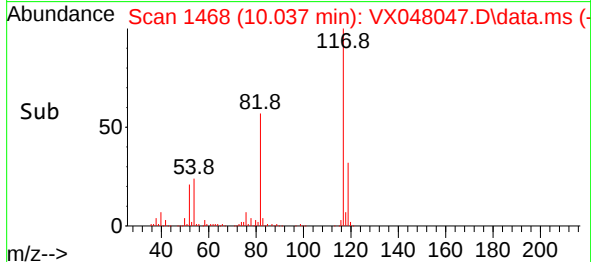
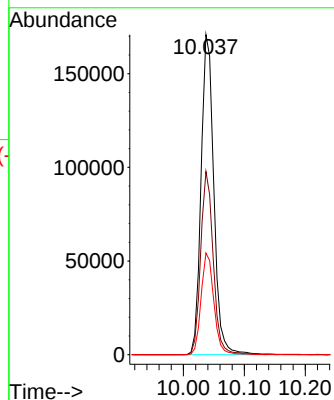
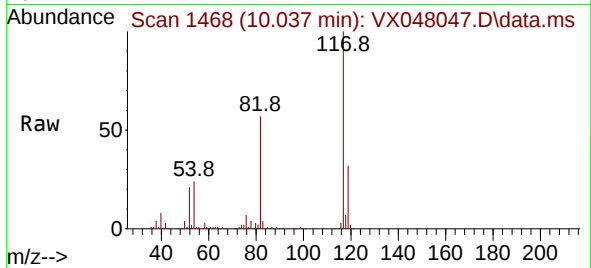




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048047.D
Acq: 07 Oct 2025 13:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251003

Tgt Ion:117 Resp: 248619
Ion Ratio Lower Upper
117 100
82 57.3 47.8 71.6
119 31.7 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: VX048047.D
Acq: 07 Oct 2025 13:02

Tgt Ion:152 Resp: 121141
Ion Ratio Lower Upper
152 100
115 62.1 44.9 134.5
150 155.1 0.0 352.0

