

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048797.D
 Acq On : 10 Dec 2025 10:10
 Operator : JC/MD
 Sample : VX1210WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBL01

Quant Time: Dec 11 00:18:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.525	168	143182	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	288257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	306883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	162084	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	98828	51.426	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.860%
35) Dibromofluoromethane	5.367	113	89655	45.172	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.340%
50) Toluene-d8	8.628	98	324876	46.696	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.400%
62) 4-Bromofluorobenzene	11.061	95	137328	57.242	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.480%

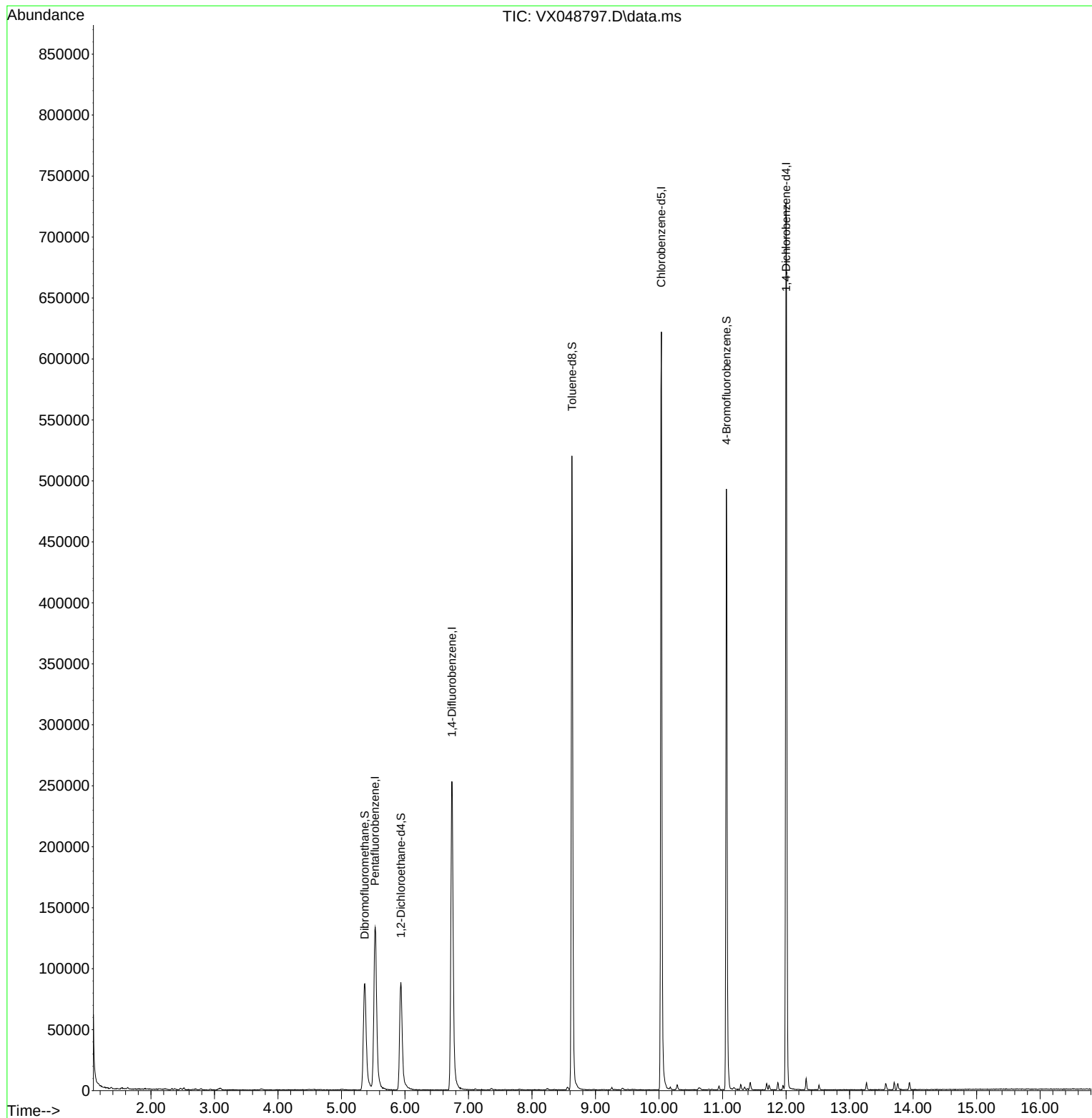
Target Compounds	Qvalue

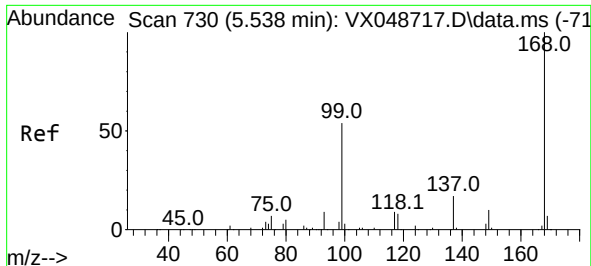
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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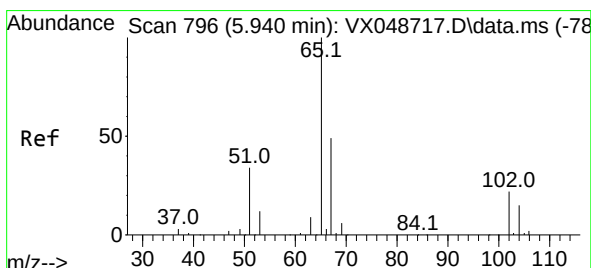
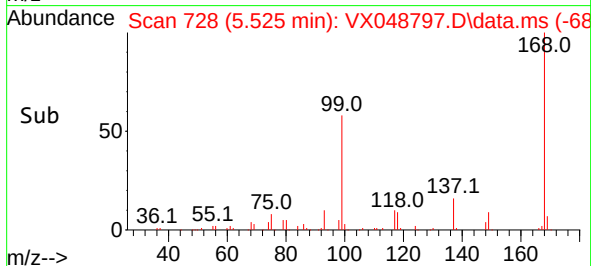
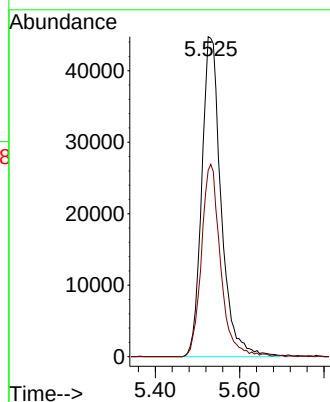
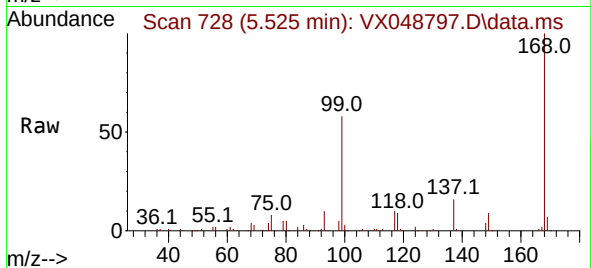




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

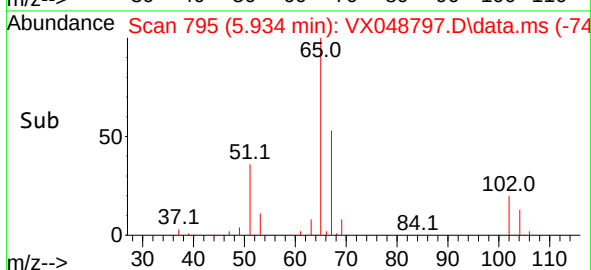
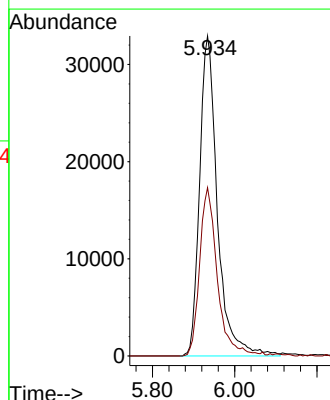
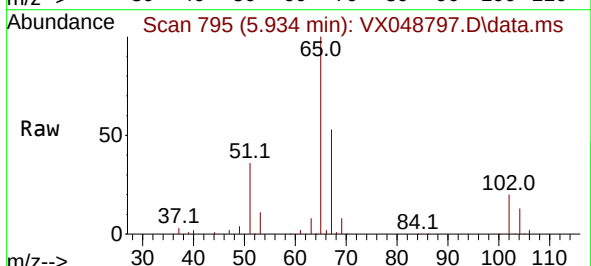
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

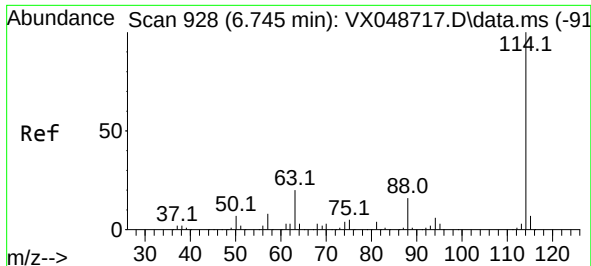
Tgt Ion:168 Resp: 143182
Ion Ratio Lower Upper
168 100
99 58.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 51.426 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

Tgt Ion: 65 Resp: 98828
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4

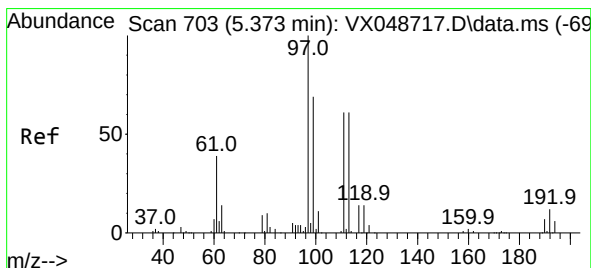
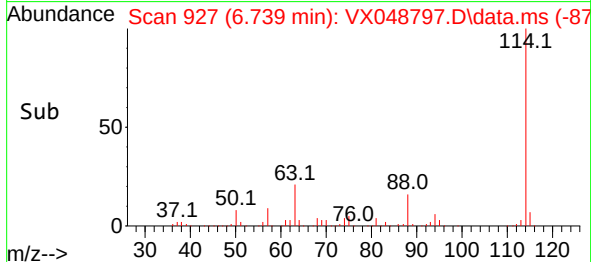
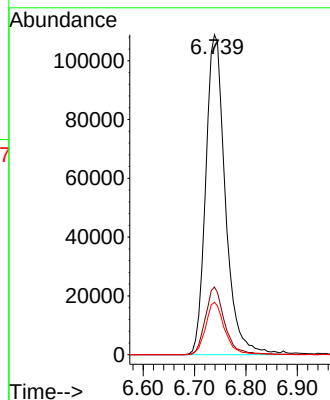
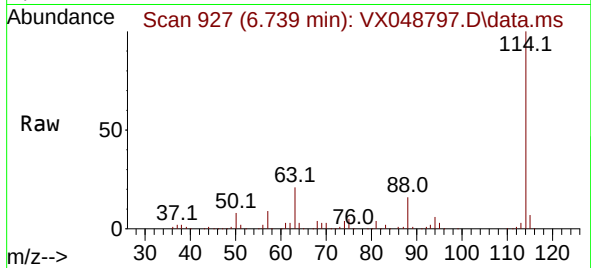




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

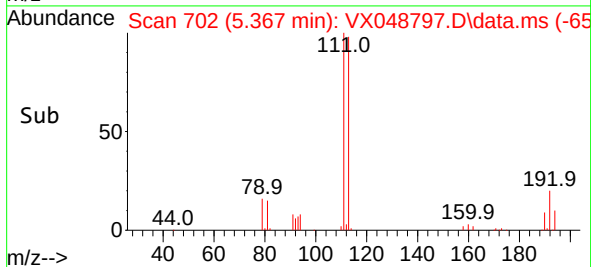
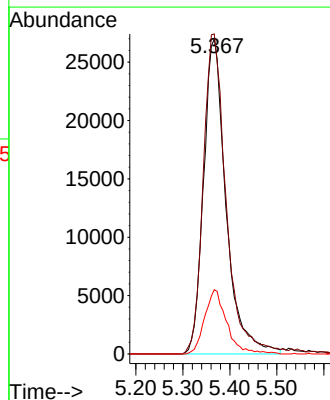
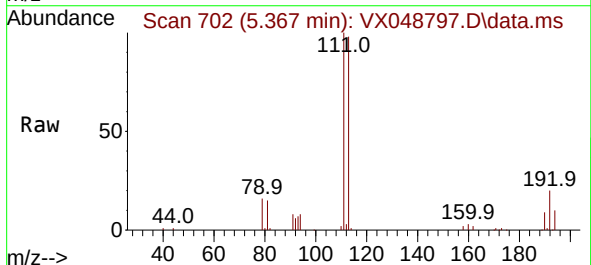
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

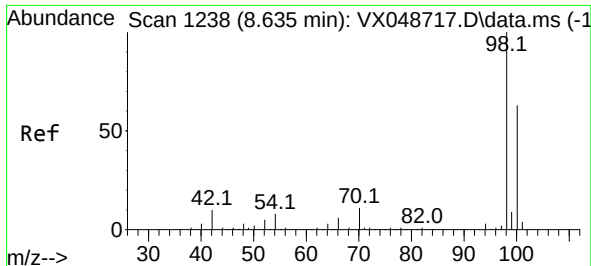
Tgt Ion:114 Resp: 288257
Ion Ratio Lower Upper
114 100
63 21.1 0.0 39.0
88 16.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.172 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

Tgt Ion:113 Resp: 89655
Ion Ratio Lower Upper
113 100
111 103.4 79.5 119.3
192 20.1 16.1 24.1

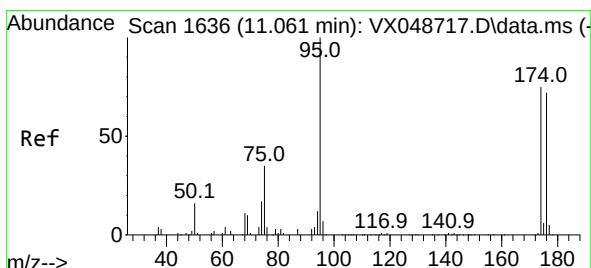
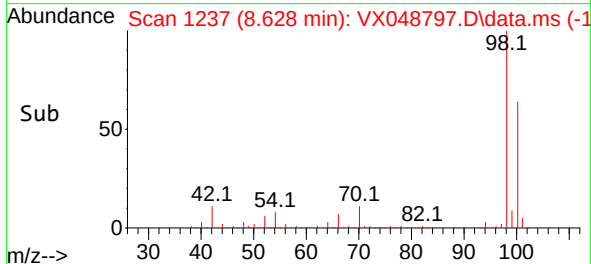
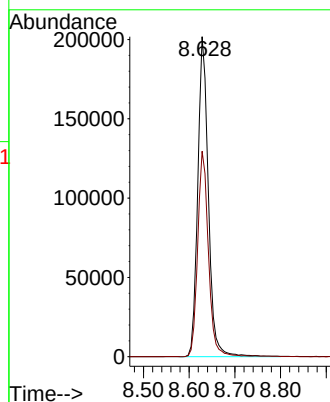
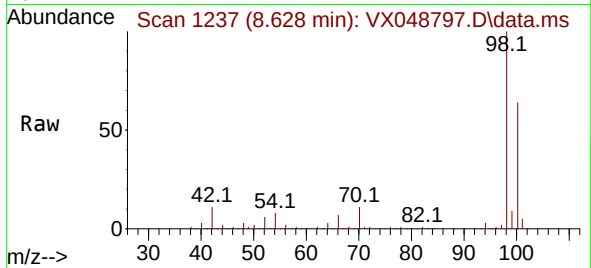




#50
Toluene-d8
Concen: 46.696 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

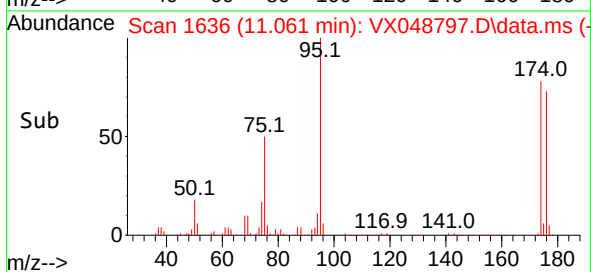
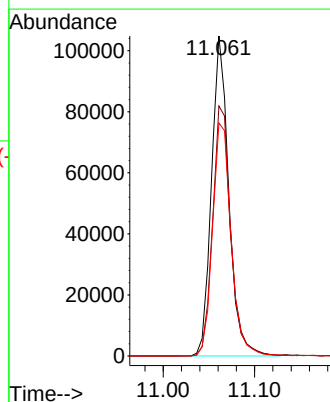
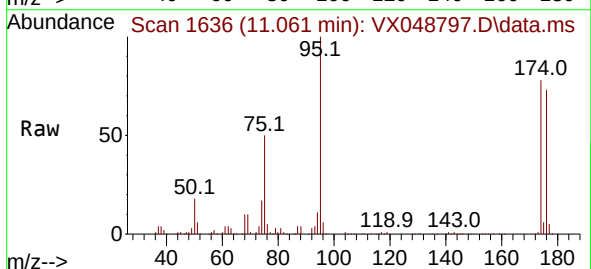
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

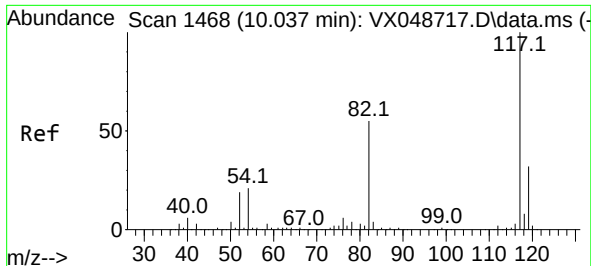
Tgt Ion: 98 Resp: 324876
Ion Ratio Lower Upper
98 100
100 65.2 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 57.242 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

Tgt Ion: 95 Resp: 137328
Ion Ratio Lower Upper
95 100
174 82.3 0.0 157.8
176 78.3 0.0 154.0

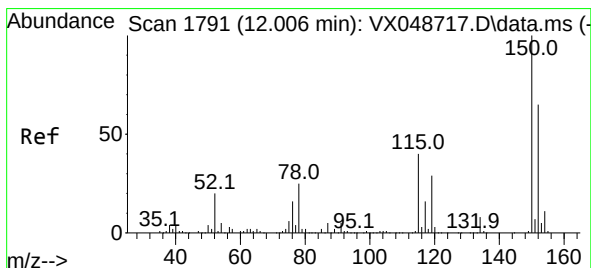
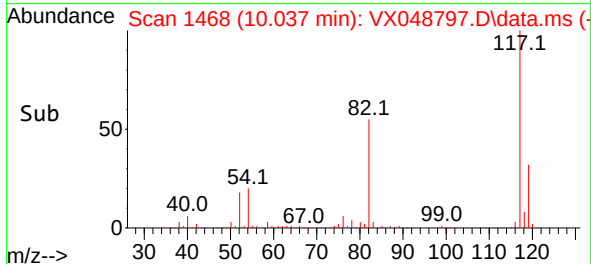
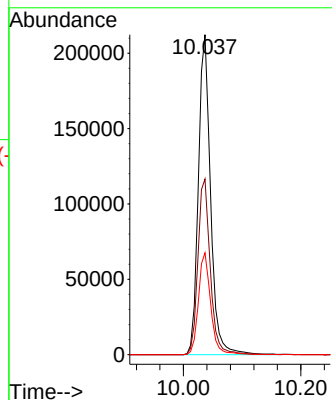
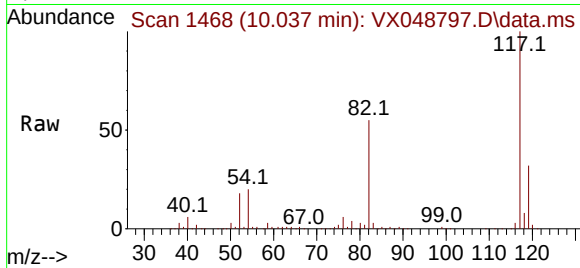




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Tgt Ion:117 Resp: 306883
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

Tgt Ion:152 Resp: 162084
Ion Ratio Lower Upper
152 100
115 57.9 42.1 126.4
150 158.2 0.0 347.8

