

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048744.D
 Acq On : 08 Dec 2025 11:15
 Operator : JC/MD
 Sample : VX1208WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1208WBL01

Quant Time: Dec 09 04:06:30 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	5.531	168	173343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	340953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	370451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	179749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	115181	49.507	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.020%
35) Dibromofluoromethane	5.361	113	107991	46.001	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.000%
50) Toluene-d8	8.629	98	372131	45.222	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.440%#
62) 4-Bromofluorobenzene	11.061	95	158378	55.813	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.620%

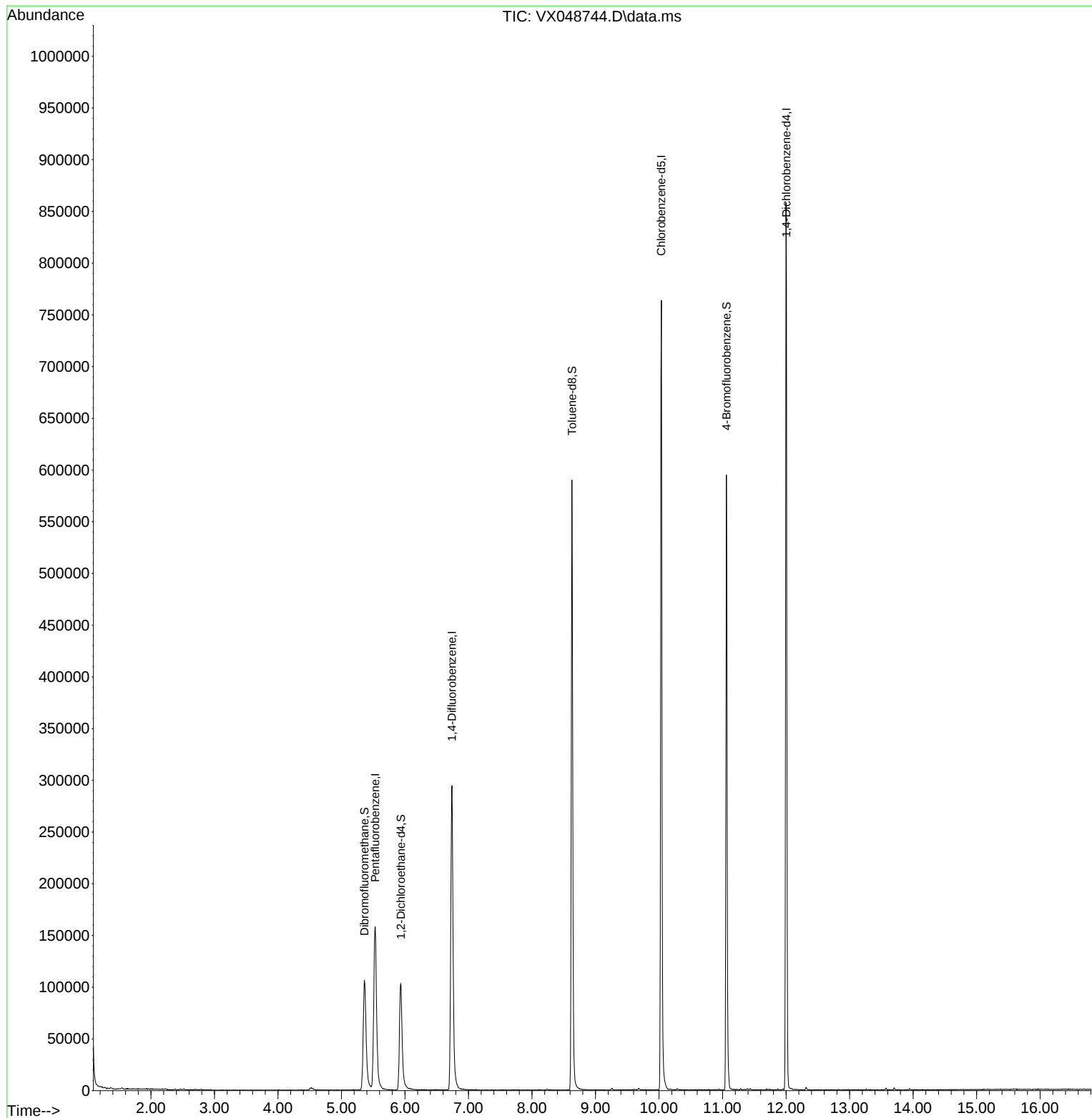
Target Compounds	Qvalue

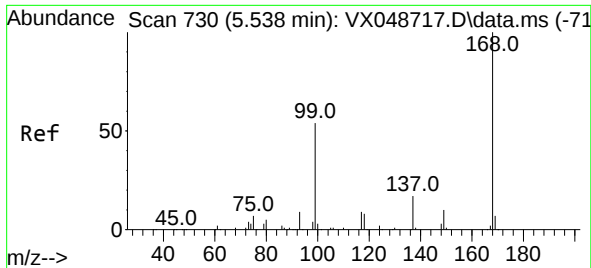
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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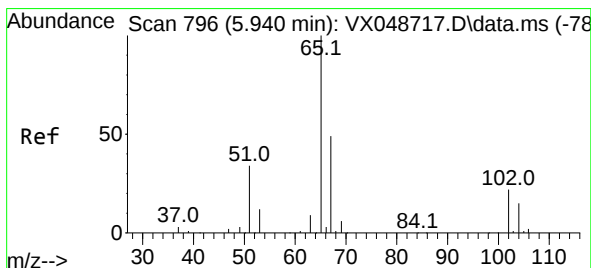
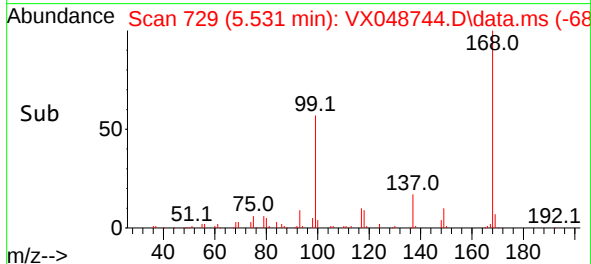
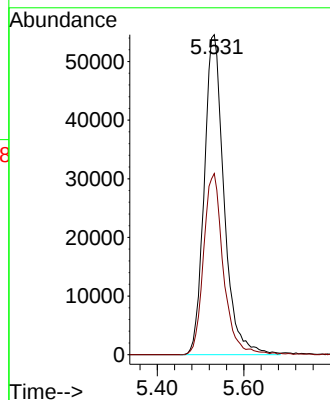
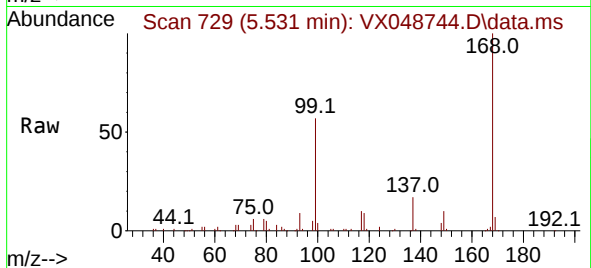




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

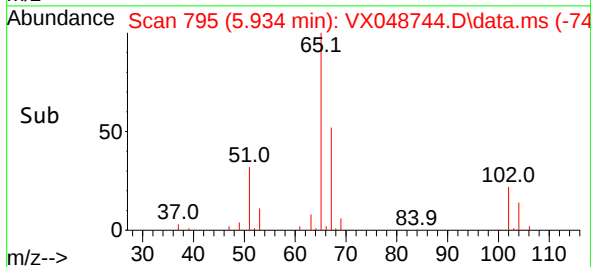
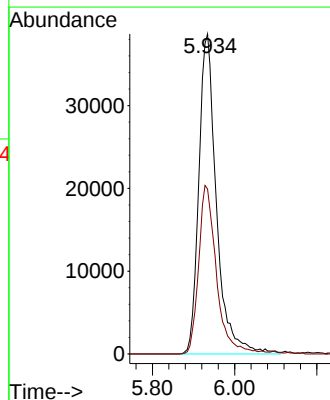
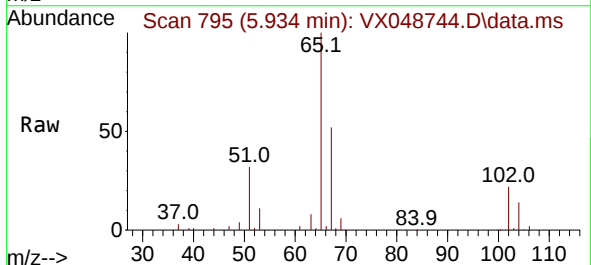
Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

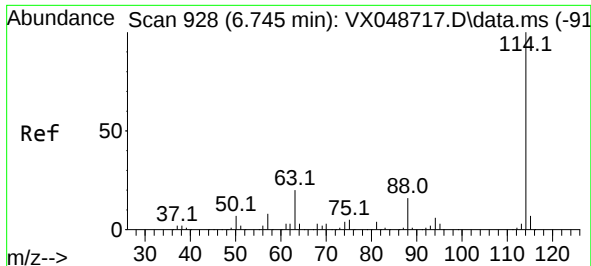
Tgt Ion:168 Resp: 173343
Ion Ratio Lower Upper
168 100
99 56.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.507 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

Tgt Ion: 65 Resp: 115181
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4

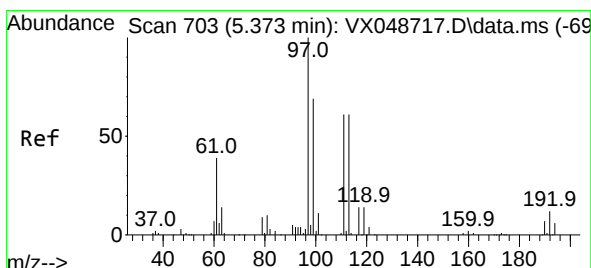
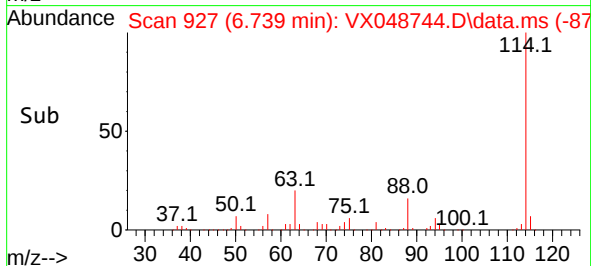
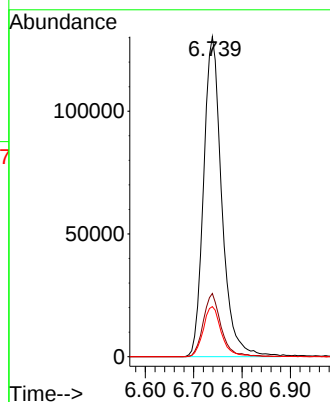
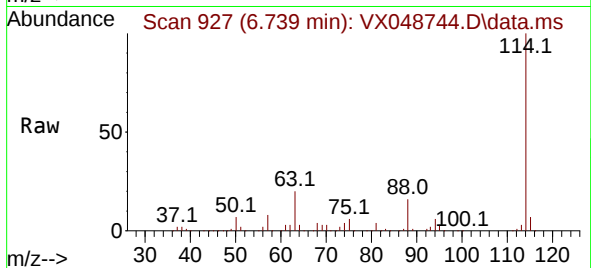




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

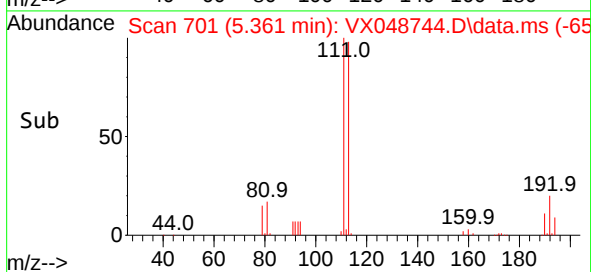
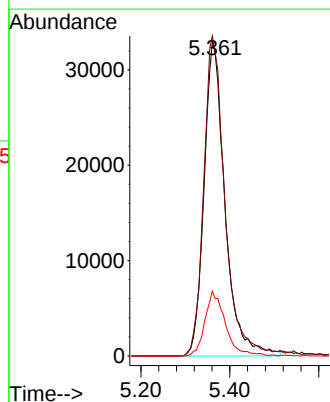
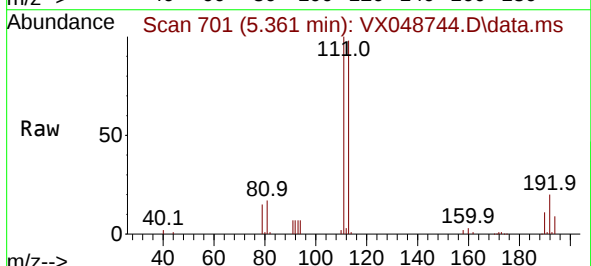
Instrument :
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VX1208WBL01

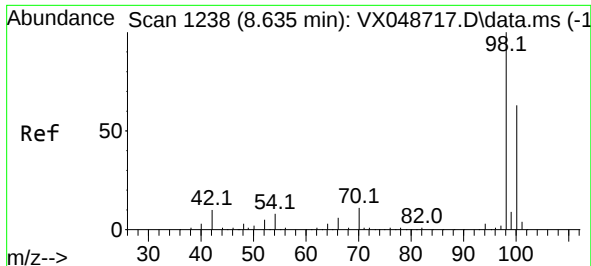
Tgt Ion:114 Resp: 340953
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.0
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.001 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

Tgt Ion:113 Resp: 107991
Ion Ratio Lower Upper
113 100
111 102.8 79.5 119.3
192 20.1 16.1 24.1

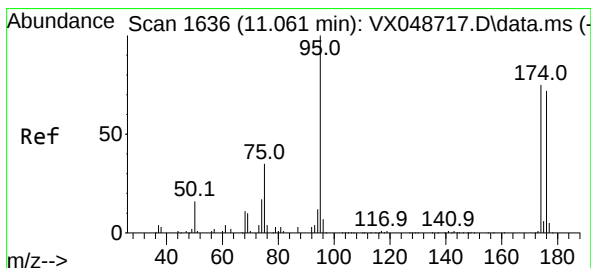
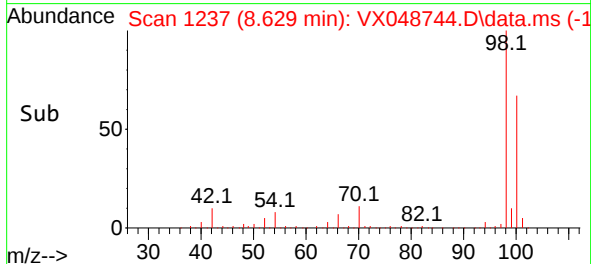
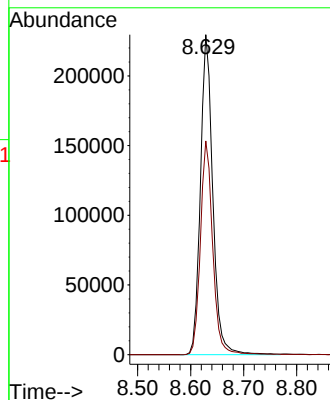
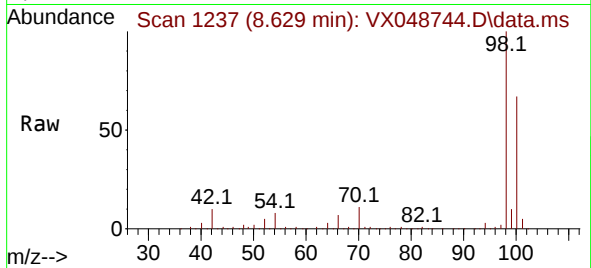




#50
Toluene-d8
Concen: 45.222 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

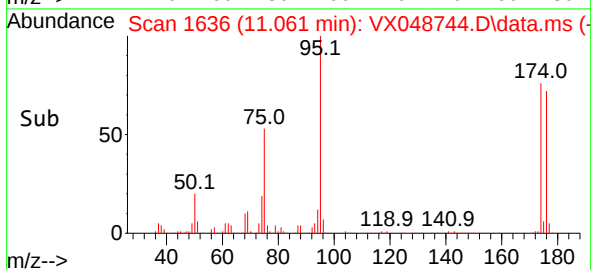
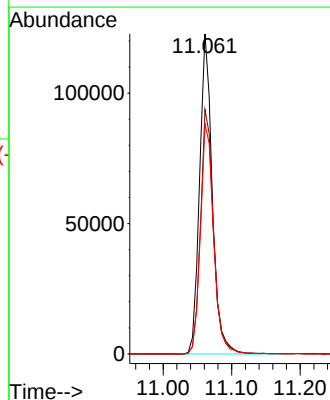
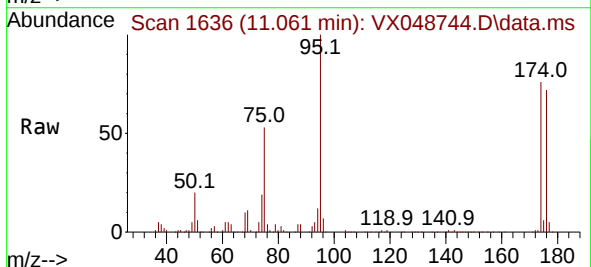
Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

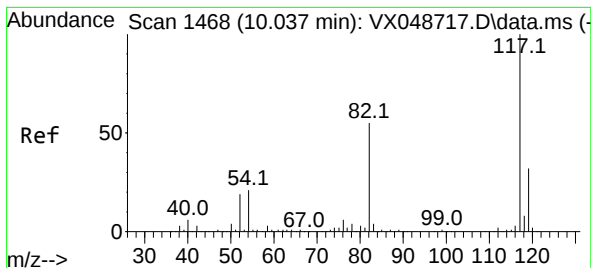
Tgt Ion: 98 Resp: 372131
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 55.813 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

Tgt Ion: 95 Resp: 158378
Ion Ratio Lower Upper
95 100
174 78.8 0.0 157.8
176 74.8 0.0 154.0

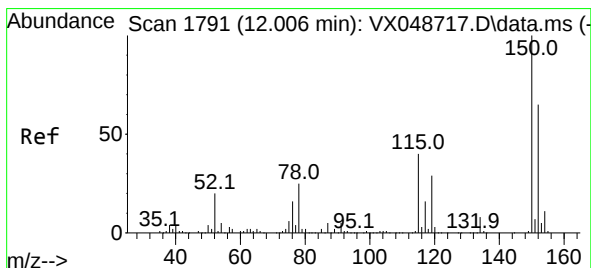
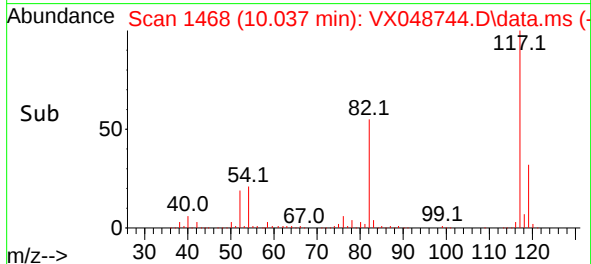
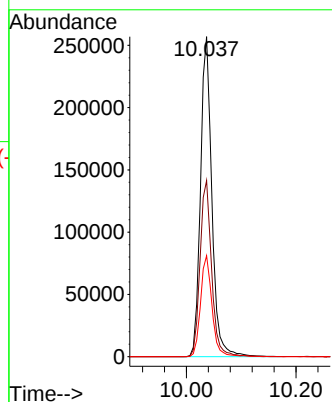
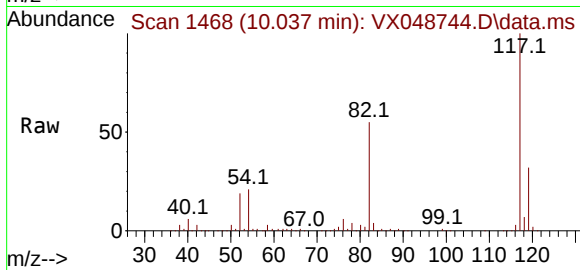




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

Tgt Ion:117 Resp: 370451
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 31.5 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: VX048744.D
Acq: 08 Dec 2025 11:15

Tgt Ion:152 Resp: 179749
Ion Ratio Lower Upper
152 100
115 59.4 42.1 126.4
150 155.9 0.0 347.8

