

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
 Data File : VX048834.D
 Acq On : 11 Dec 2025 18:02
 Operator : JC/MD
 Sample : Q3828-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-02-133-120925

Quant Time: Dec 11 23:54:31 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)

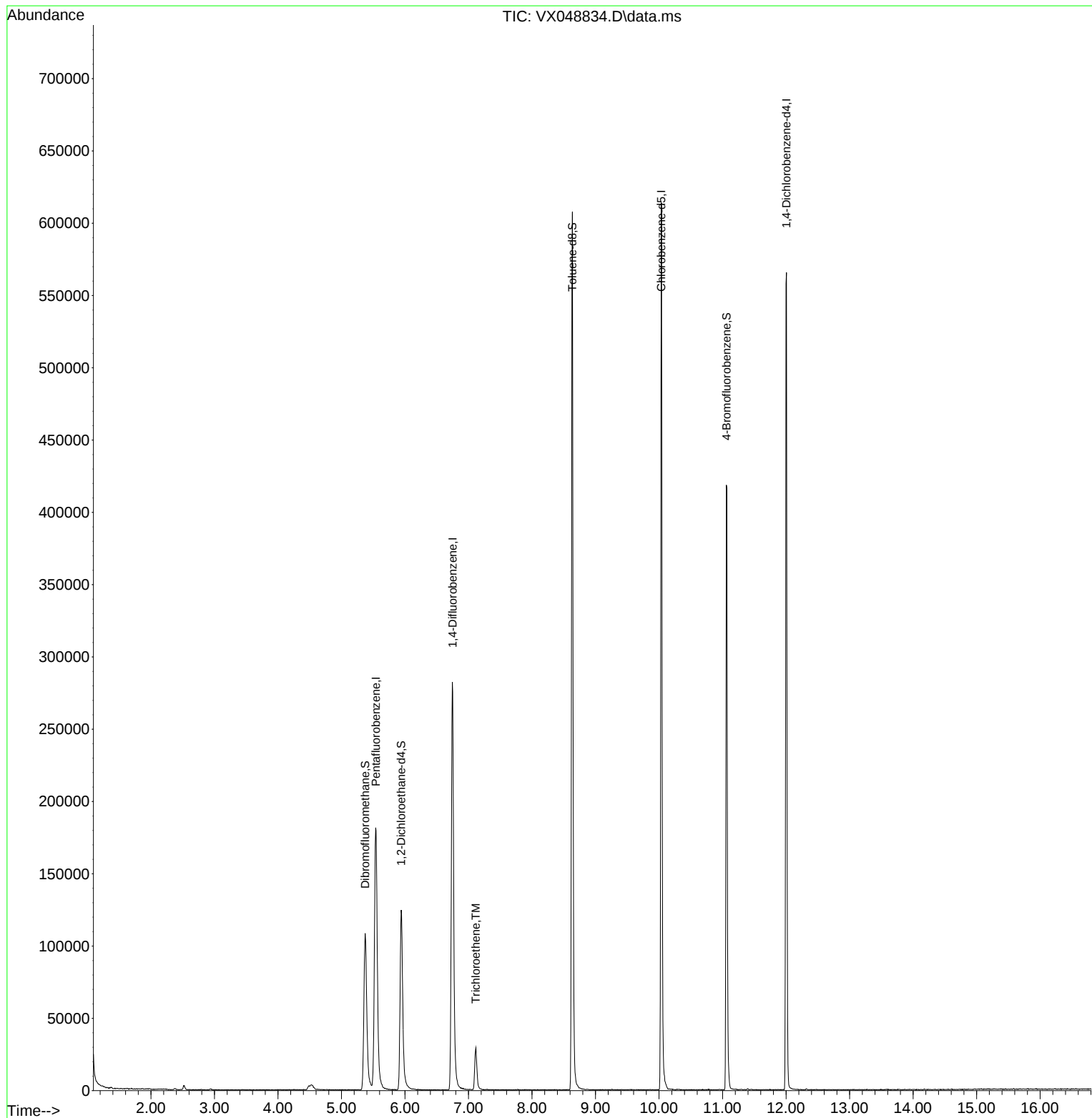
Internal Standards						
1) Pentafluorobenzene	5.543	168	192834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	321114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	287581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	138177	53.388	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.780%
35) Dibromofluoromethane	5.373	113	107973	48.835	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.660%
50) Toluene-d8	8.634	98	388530	50.131	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.260%
62) 4-Bromofluorobenzene	11.061	95	124801	46.698	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.400%
Target Compounds						
44) Trichloroethene	7.116	130	12613	5.385	ug/l	90

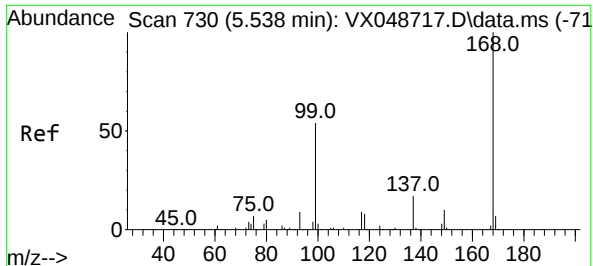
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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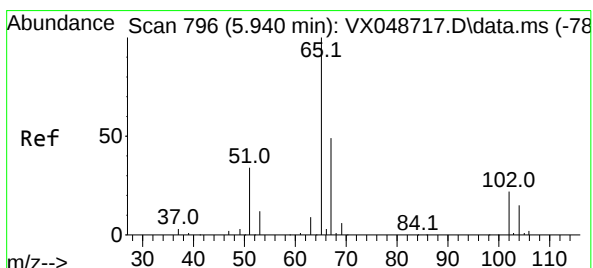
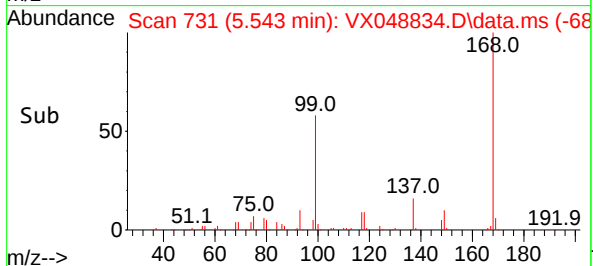
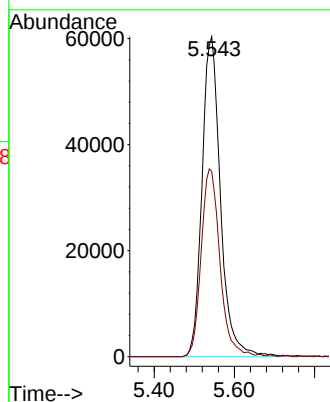
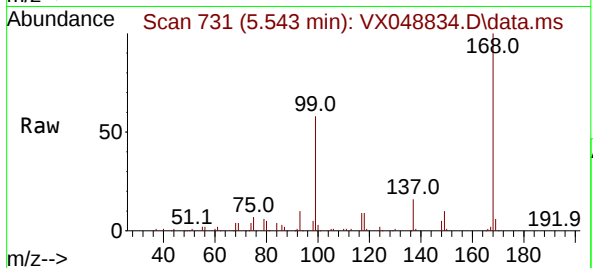




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

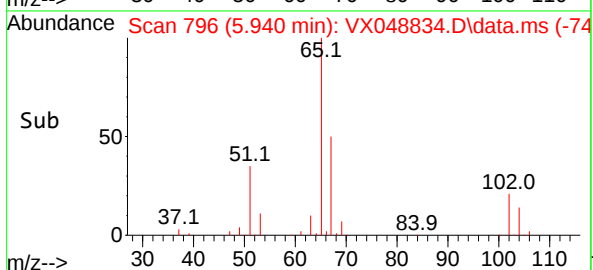
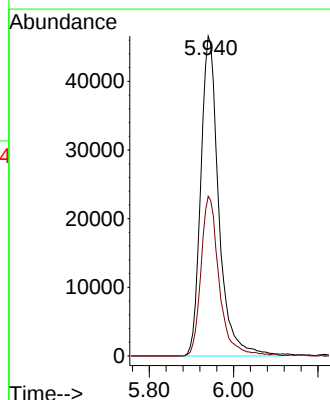
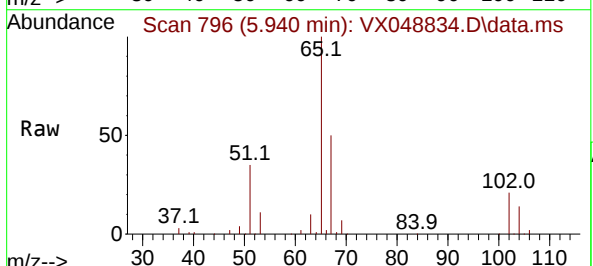
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-120925

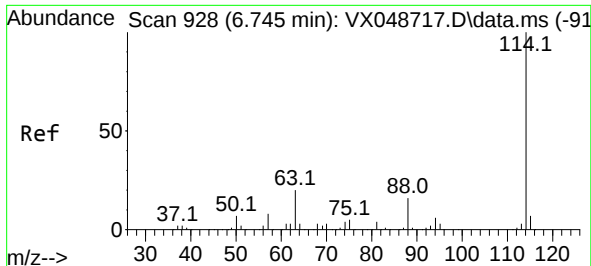
Tgt Ion:168 Resp: 192834
Ion Ratio Lower Upper
168 100
99 57.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 53.388 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

Tgt Ion: 65 Resp: 138177
Ion Ratio Lower Upper
65 100
67 50.4 0.0 107.4

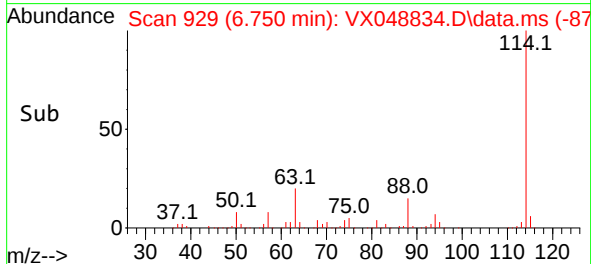
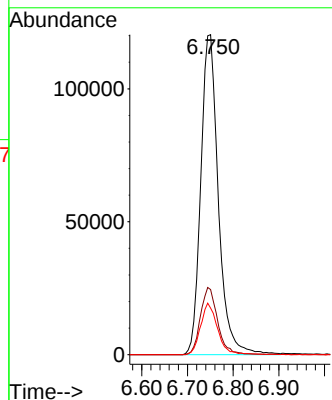
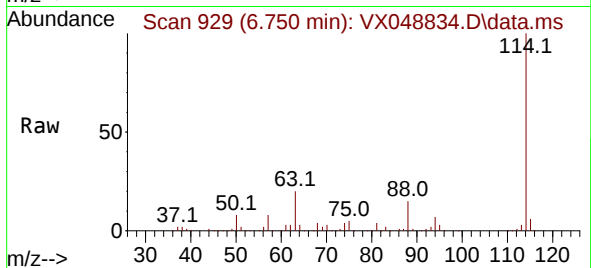




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

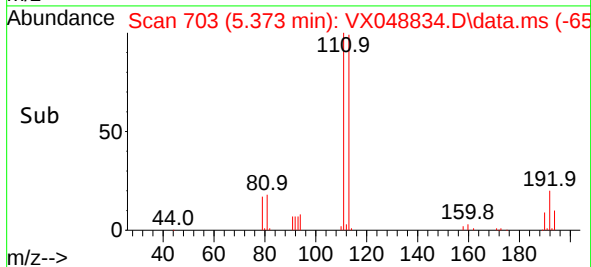
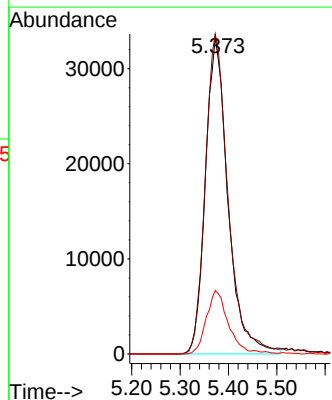
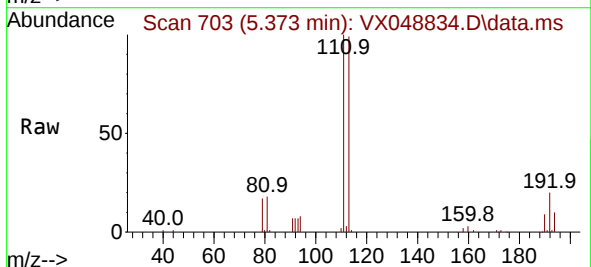
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-120925

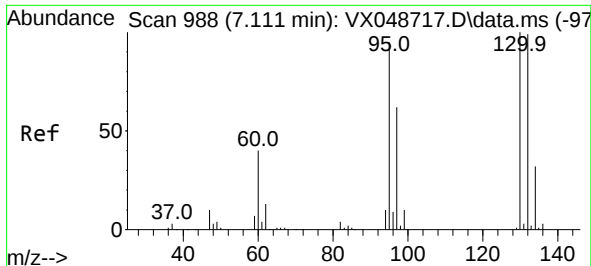
Tgt Ion:114 Resp: 321114
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.0
88 14.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.835 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

Tgt Ion:113 Resp: 107973
Ion Ratio Lower Upper
113 100
111 101.8 79.5 119.3
192 19.7 16.1 24.1

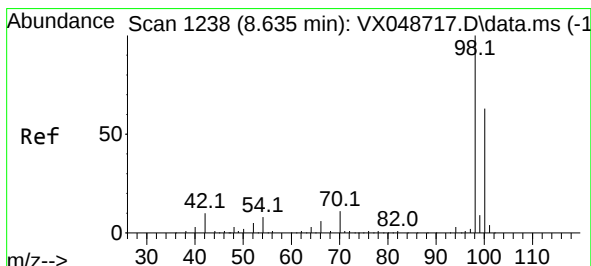
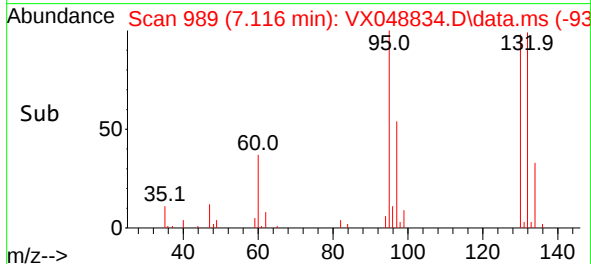
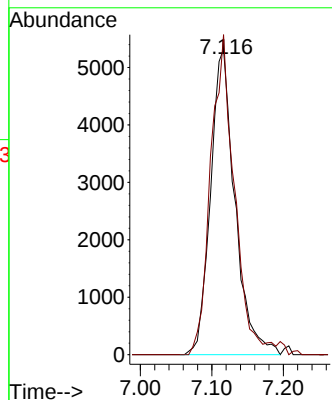
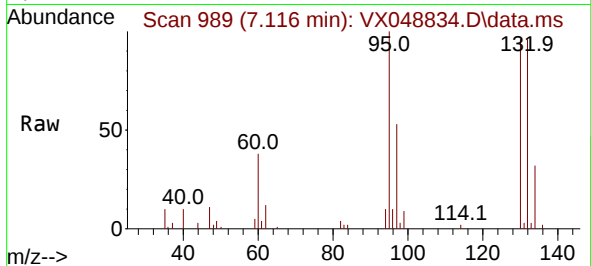




#44
Trichloroethene
Concen: 5.385 ug/l
RT: 7.116 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

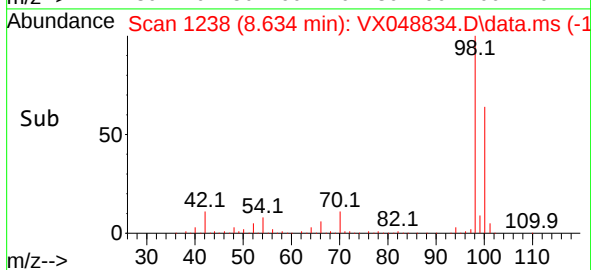
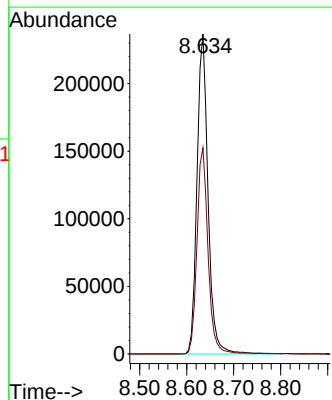
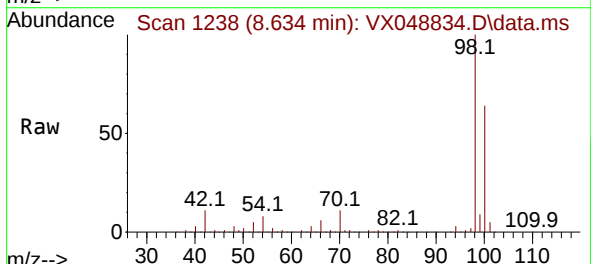
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-120925

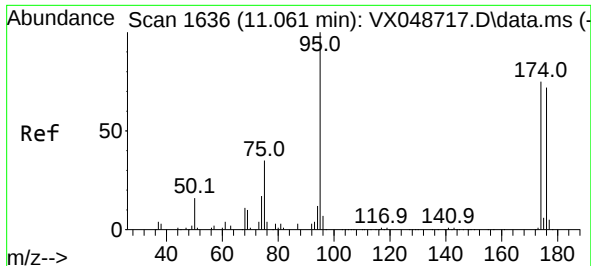
Tgt Ion:130 Resp: 12613
Ion Ratio Lower Upper
130 100
95 104.6 0.0 189.6



#50
Toluene-d8
Concen: 50.131 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048834.D
Acq: 11 Dec 2025 18:02

Tgt Ion: 98 Resp: 388530
Ion Ratio Lower Upper
98 100
100 64.4 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 46.698 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048834.D

Acq: 11 Dec 2025 18:02

Instrument :

MSVOA_X

ClientSampleId :

BR-02-133-120925

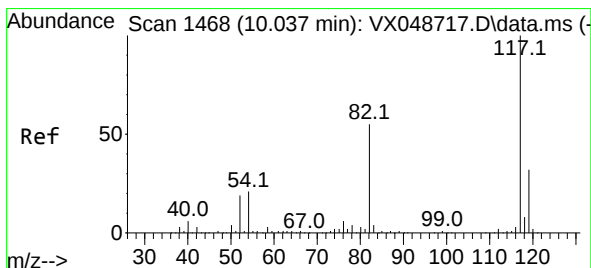
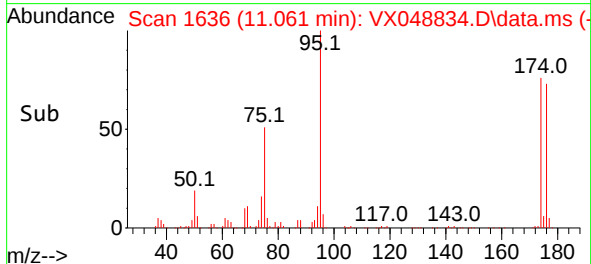
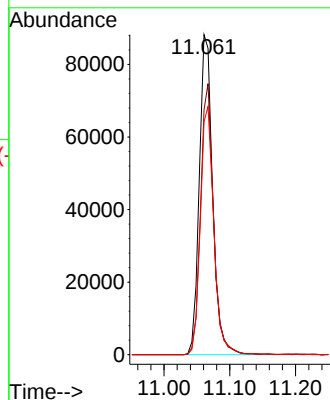
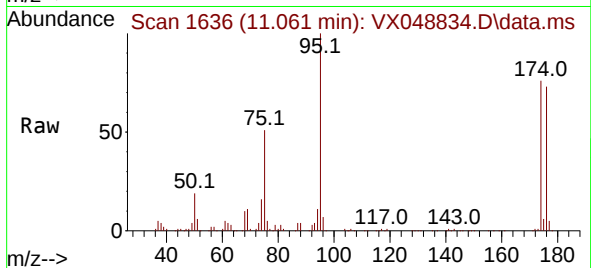
Tgt Ion: 95 Resp: 124801

Ion Ratio Lower Upper

95 100

174 82.0 0.0 157.8

176 78.3 0.0 154.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.036 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048834.D

Acq: 11 Dec 2025 18:02

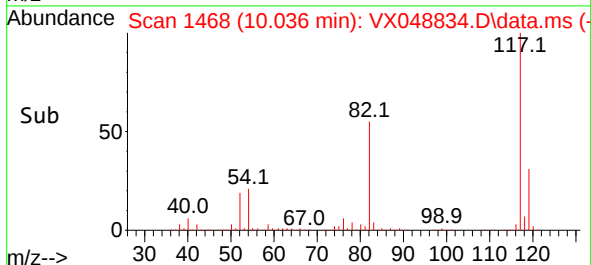
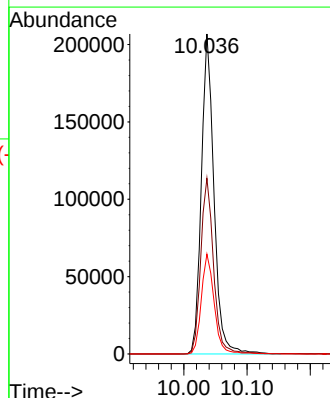
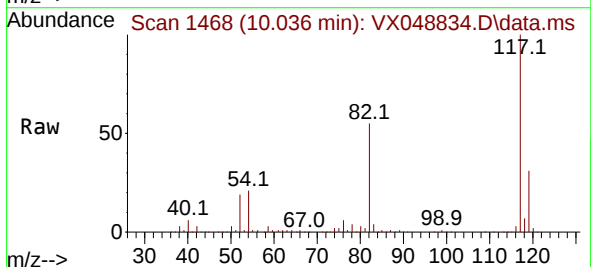
Tgt Ion: 117 Resp: 287581

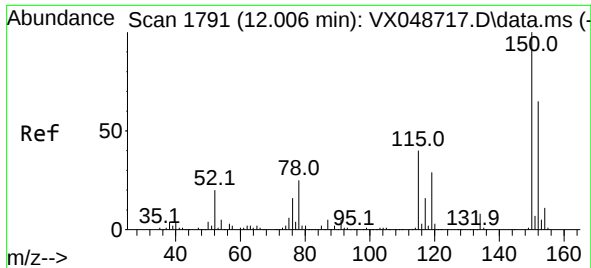
Ion Ratio Lower Upper

117 100

82 54.9 44.1 66.1

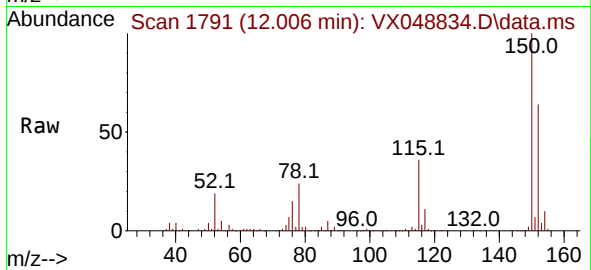
119 31.2 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048834.D
 Acq: 11 Dec 2025 18:02

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-02-133-120925



Tgt Ion:152 Resp: 130094
 Ion Ratio Lower Upper
 152 100
 115 58.5 42.1 126.4
 150 156.7 0.0 347.8

