

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080725\
 Data File : VW032037.D
 Acq On : 07 Aug 2025 11:10
 Operator : SY/MD
 Sample : VW0807SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0807SBL01

Quant Time: Aug 08 04:06:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.953	168	166168	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.849	114	366099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	354996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	157487	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	125995	50.123	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	100.240%
35) Dibromofluoromethane	7.898	113	117413	47.198	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.400%
50) Toluene-d8	10.325	98	430026	45.674	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	91.340%
62) 4-Bromofluorobenzene	12.617	95	158980	43.975	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	87.960%

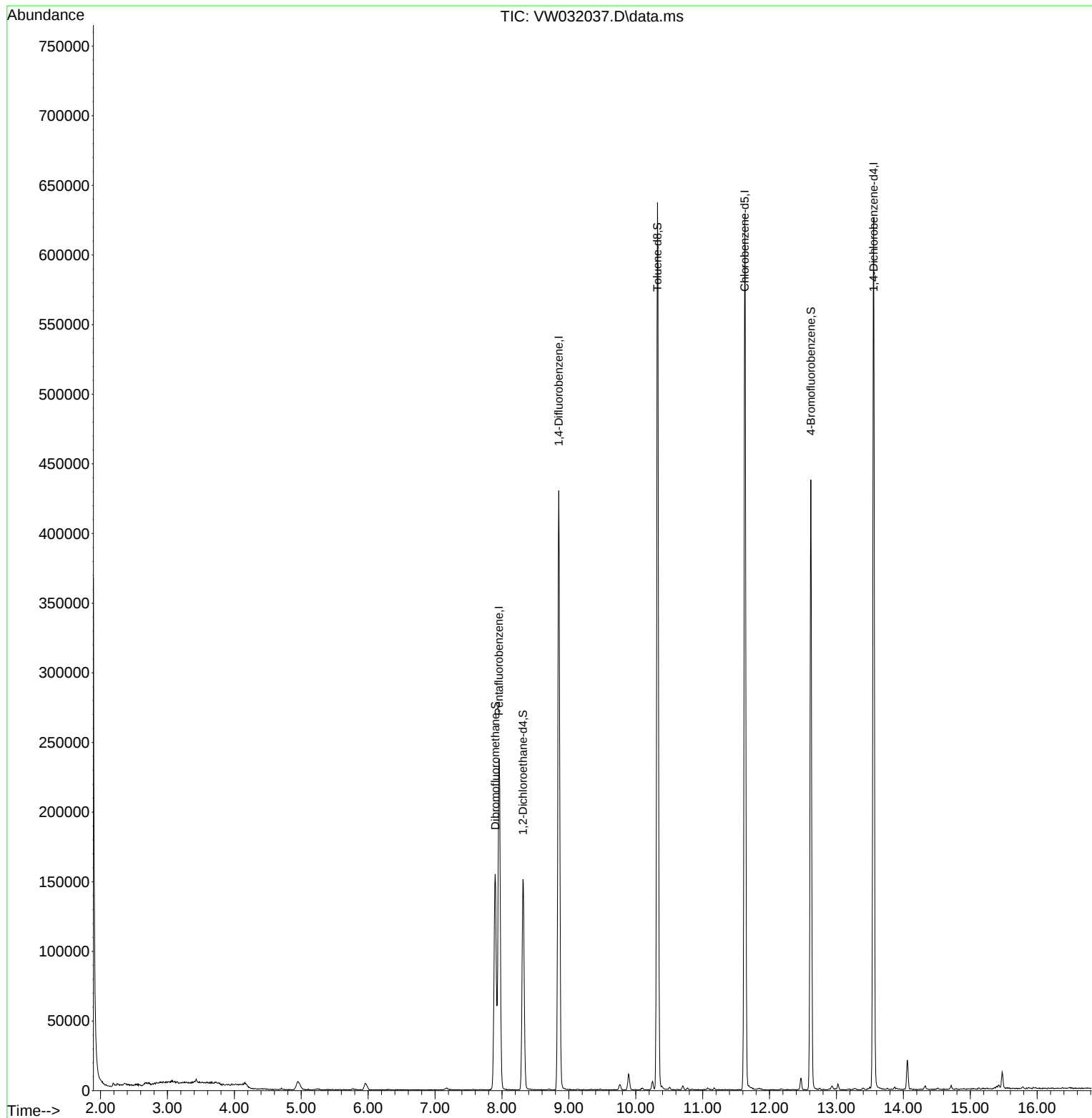
Target Compounds	Qvalue

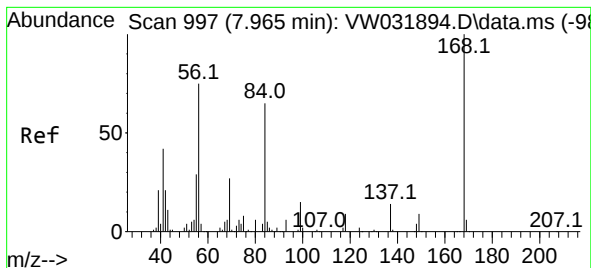
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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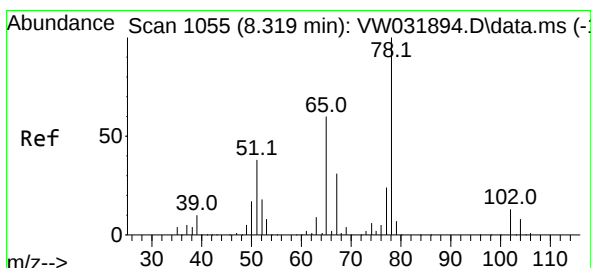
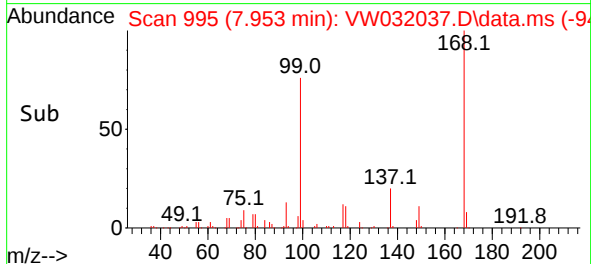
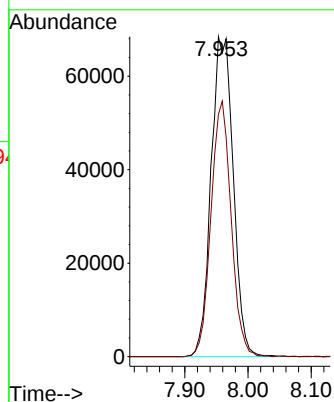
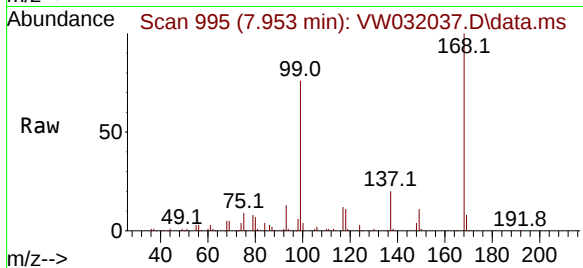




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 997
Delta R.T. -0.012 min
Lab File: VW032037.D
Acq: 07 Aug 2025 11:10

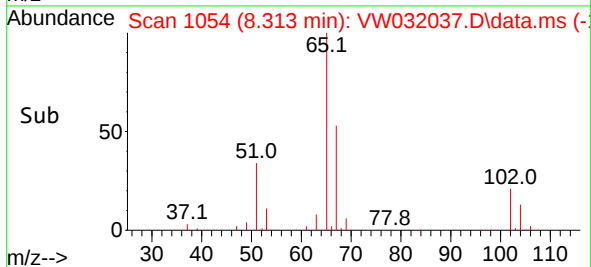
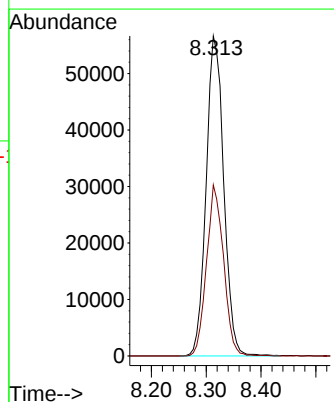
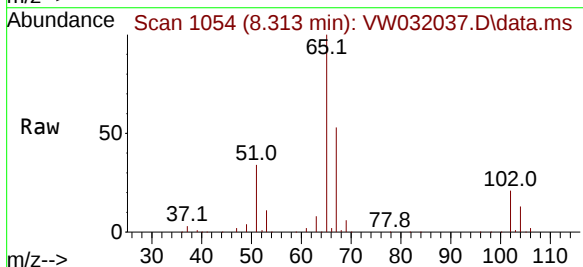
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBL01

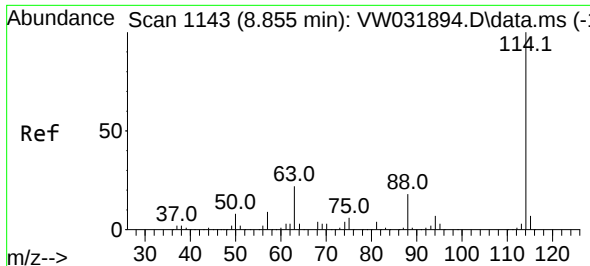
Tgt Ion:168 Resp: 166168
Ion Ratio Lower Upper
168 100
99 75.7 48.2 72.2#



#33
1,2-Dichloroethane-d4
Concen: 50.123 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032037.D
Acq: 07 Aug 2025 11:10

Tgt Ion: 65 Resp: 125995
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VW032037.D

Acq: 07 Aug 2025 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBL01

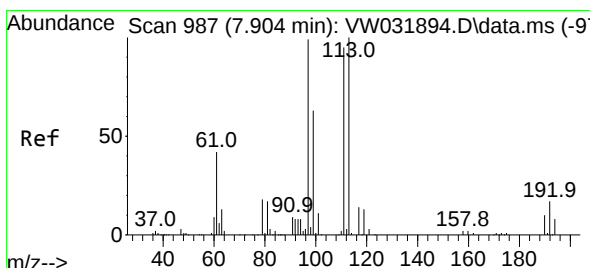
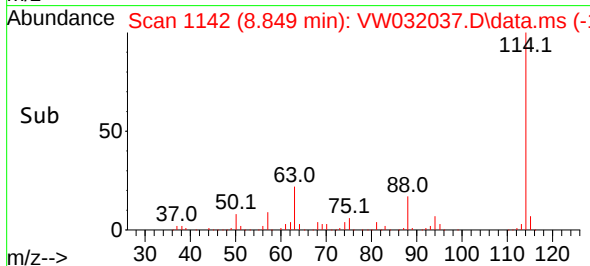
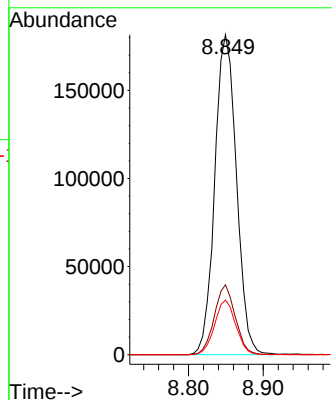
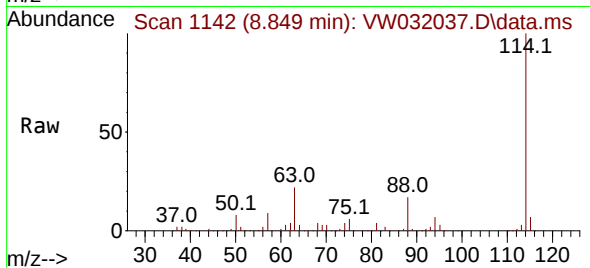
Tgt Ion:114 Resp: 366099

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.2

88 17.0 0.0 35.6



#35

Dibromofluoromethane

Concen: 47.198 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW032037.D

Acq: 07 Aug 2025 11:10

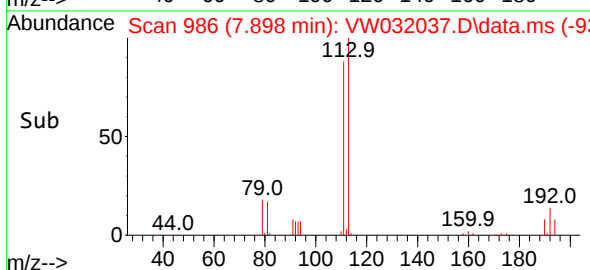
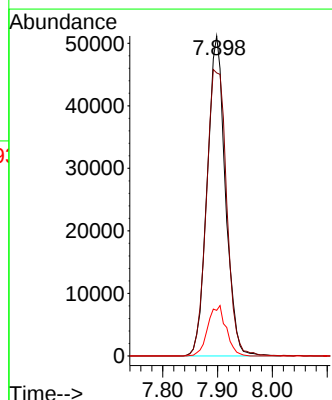
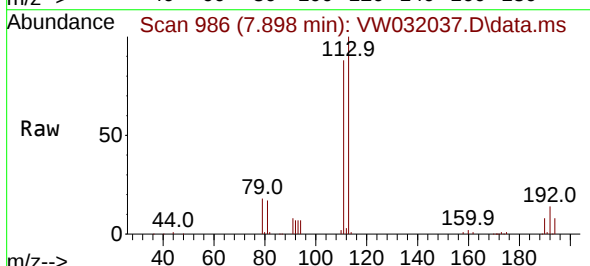
Tgt Ion:113 Resp: 117413

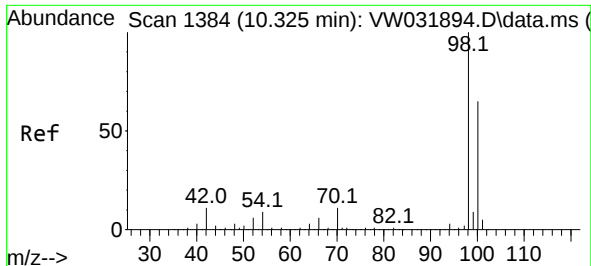
Ion Ratio Lower Upper

113 100

111 99.9 79.9 119.9

192 15.9 12.6 19.0

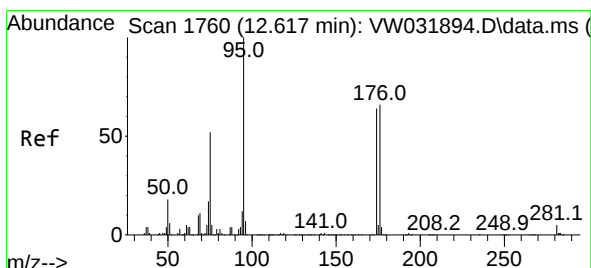
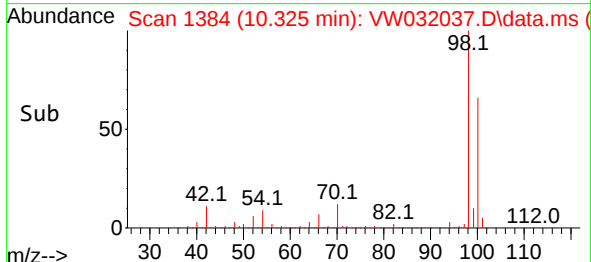
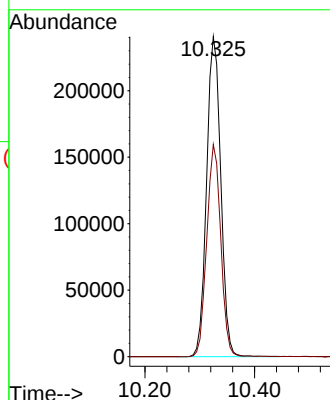
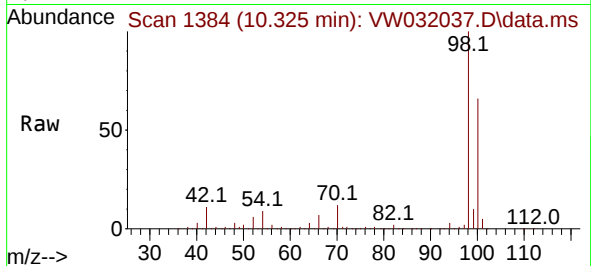




#50
Toluene-d8
Concen: 45.674 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032037.D
Acq: 07 Aug 2025 11:10

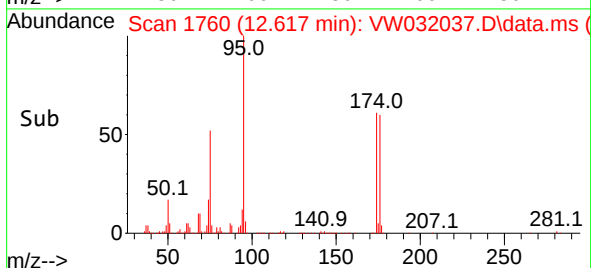
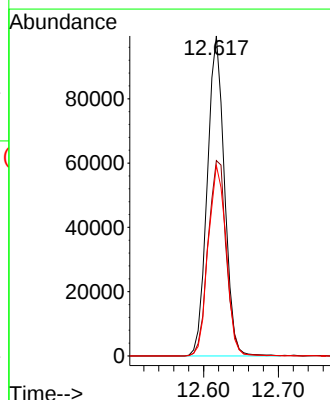
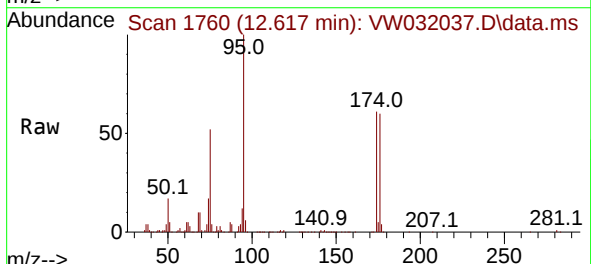
Instrument :
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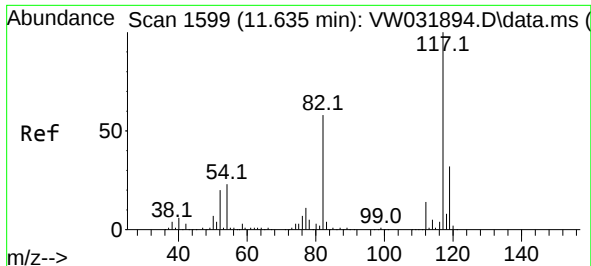
Tgt Ion: 98 Resp: 430026
Ion Ratio Lower Upper
98 100
100 65.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.975 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032037.D
Acq: 07 Aug 2025 11:10

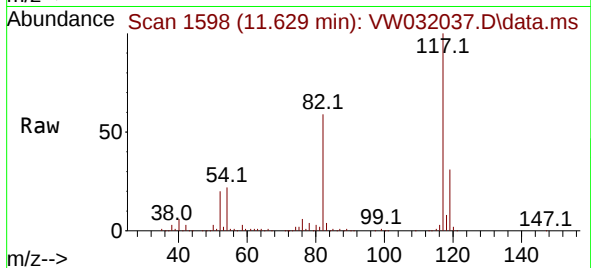
Tgt Ion: 95 Resp: 158980
Ion Ratio Lower Upper
95 100
174 65.2 0.0 129.8
176 62.5 0.0 130.4



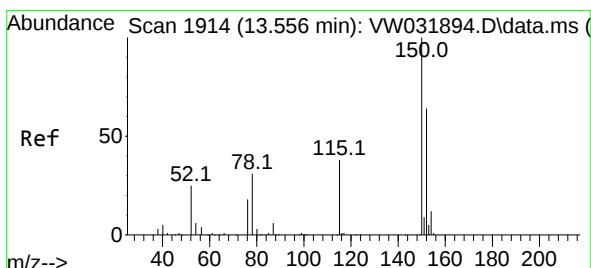
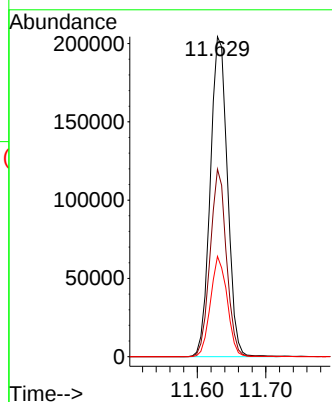
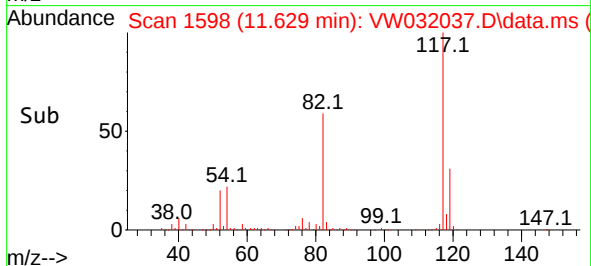


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032037.D
Acq: 07 Aug 2025 11:10

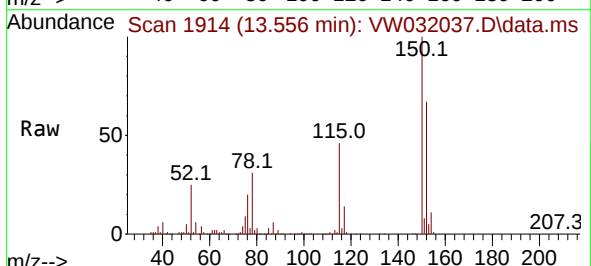
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBL01



Tgt Ion:117 Resp: 354996
Ion Ratio Lower Upper
117 100
82 58.6 46.5 69.7
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032037.D
Acq: 07 Aug 2025 11:10



Tgt Ion:152 Resp: 157487
Ion Ratio Lower Upper
152 100
115 68.6 33.4 100.1
150 159.0 0.0 352.2

