

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070125\
 Data File : VW031740.D
 Acq On : 01 Jul 2025 10:58
 Operator : SY/MD
 Sample : VW0701SBL02
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBL02

Quant Time: Jul 02 03:52:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 02 03:49:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	199201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	366063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	332690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	150101	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	133796	46.802	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	93.600%
35) Dibromofluoromethane	7.898	113	112660	47.163	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.320%
50) Toluene-d8	10.331	98	406941	45.778	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	91.560%
62) 4-Bromofluorobenzene	12.617	95	135823	41.520	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	83.040%

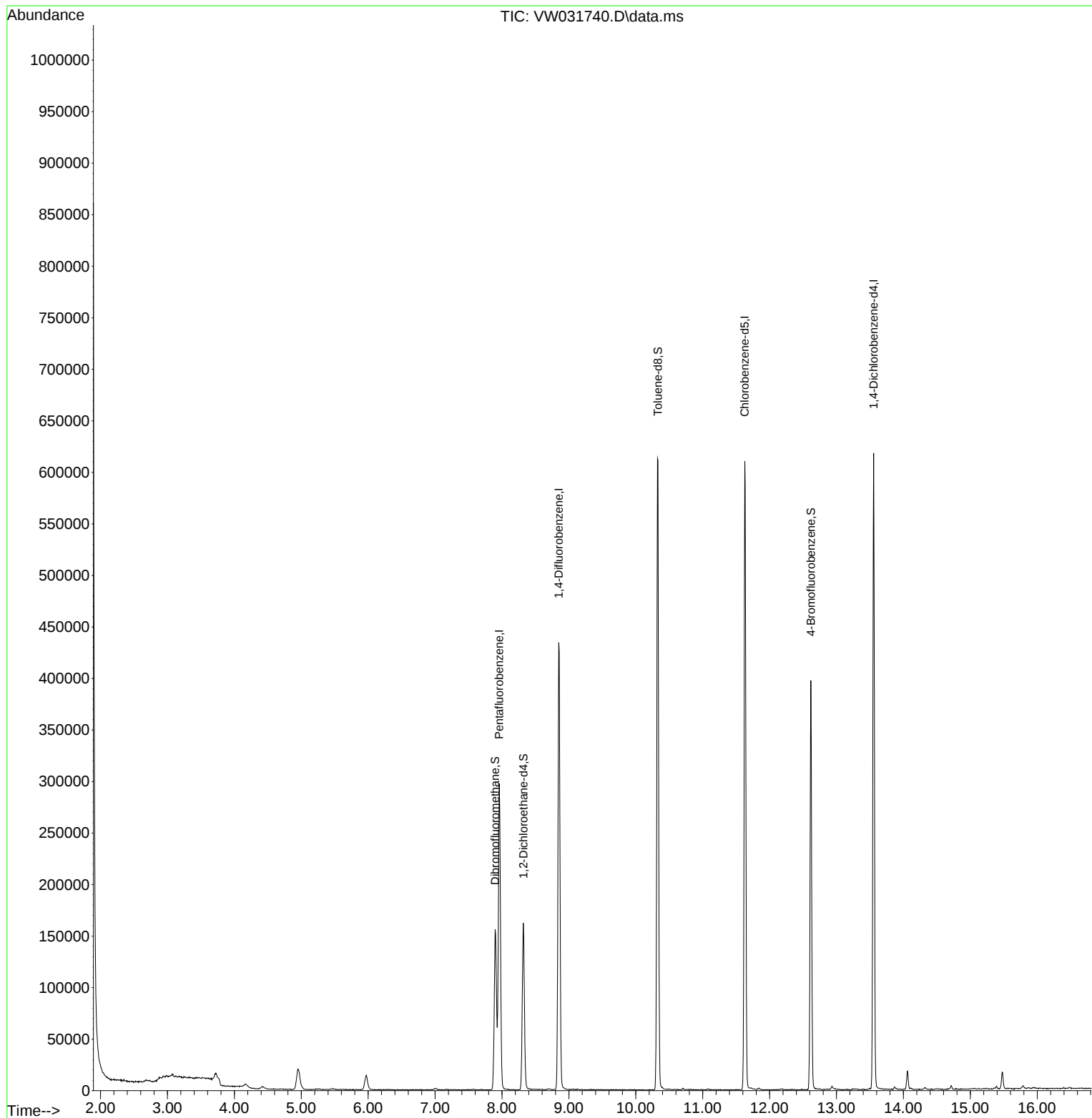
Target Compounds	Qvalue

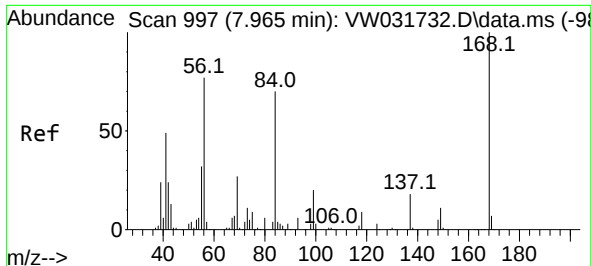
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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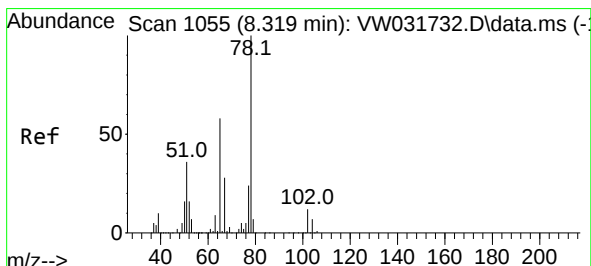
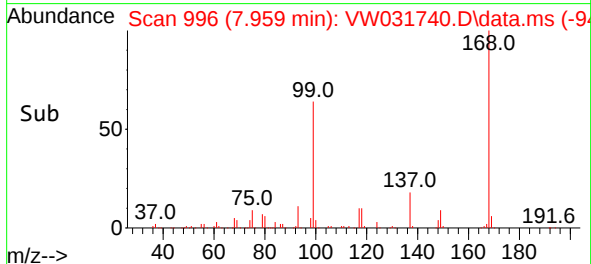
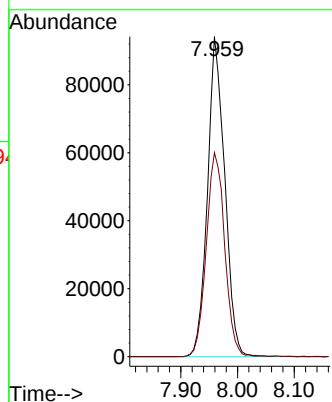
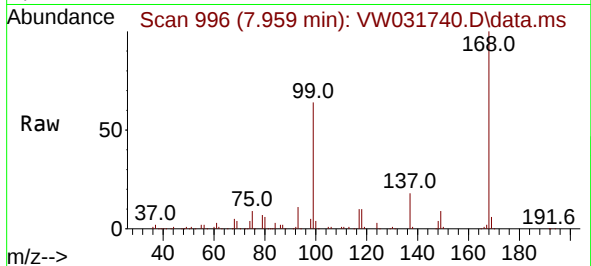




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031740.D
Acq: 01 Jul 2025 10:58

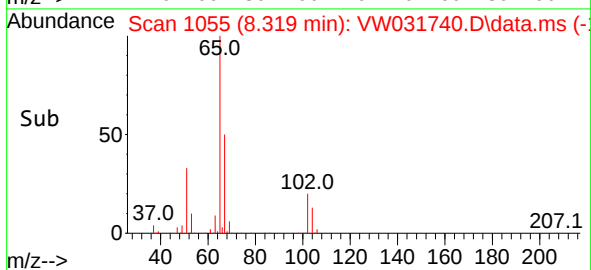
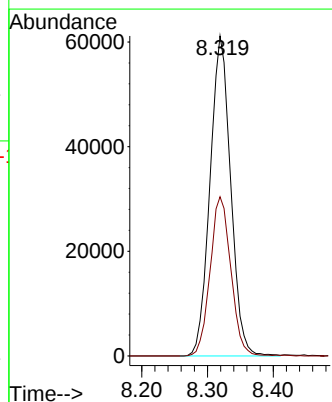
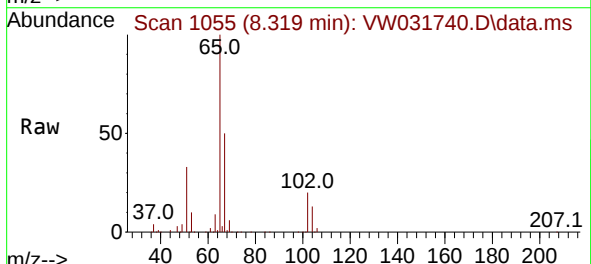
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBL02

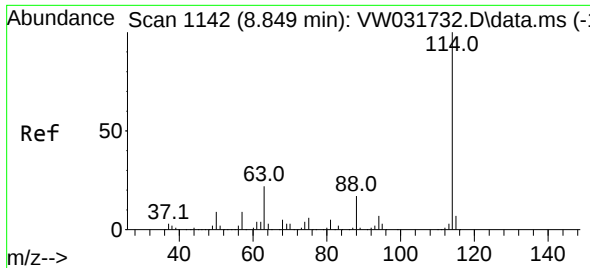
Tgt Ion:168 Resp: 199201
Ion Ratio Lower Upper
168 100
99 63.7 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 46.802 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031740.D
Acq: 01 Jul 2025 10:58

Tgt Ion: 65 Resp: 133796
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.4

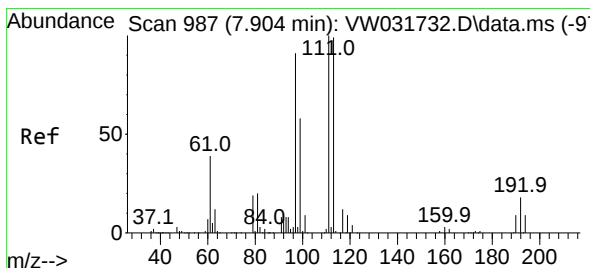
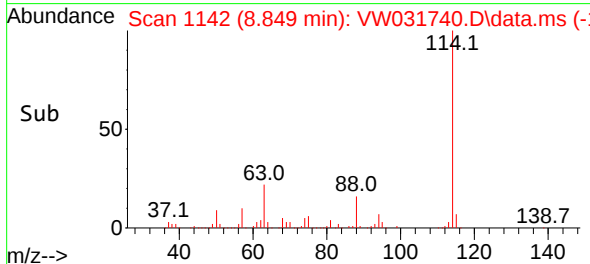
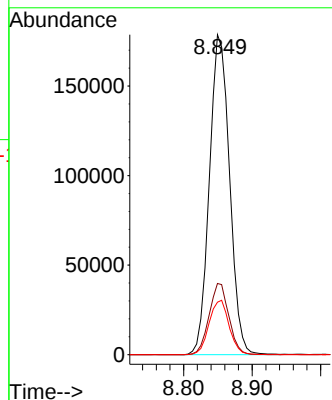
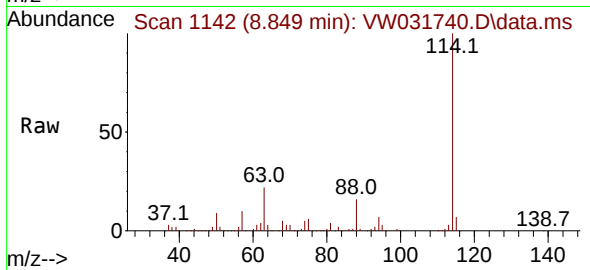




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031740.D
 Acq: 01 Jul 2025 10:58

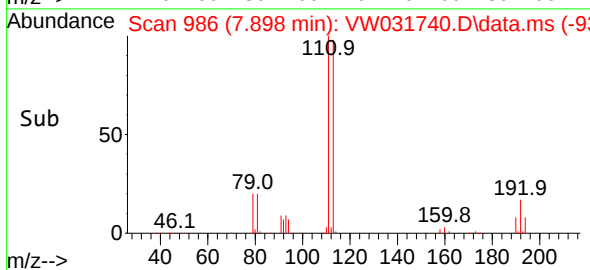
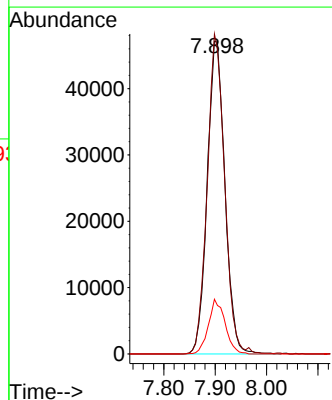
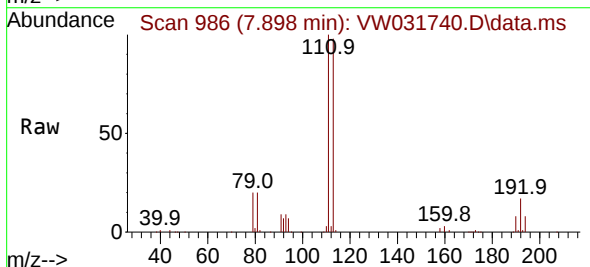
Instrument :
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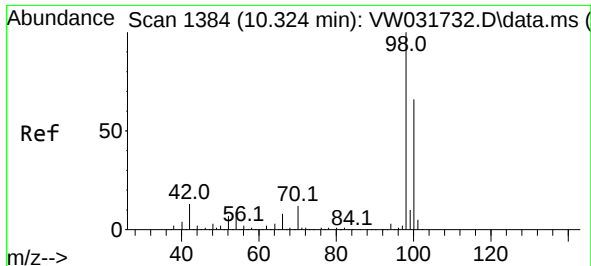
Tgt Ion:114 Resp: 366063
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.6
 88 16.4 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 47.163 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW031740.D
 Acq: 01 Jul 2025 10:58

Tgt Ion:113 Resp: 112660
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.1 123.1
 192 16.6 13.8 20.6

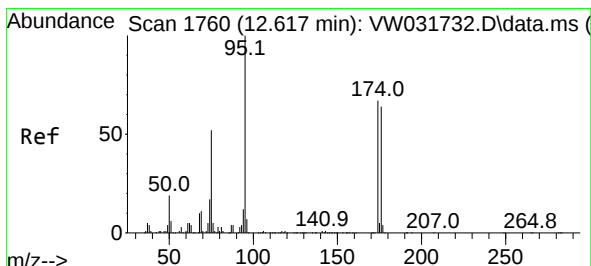
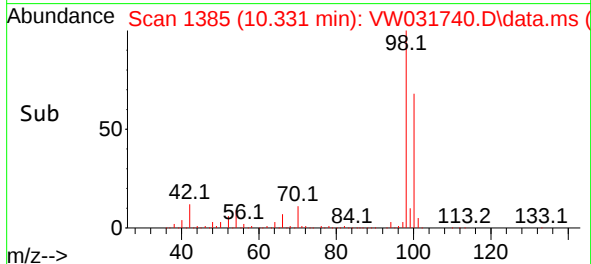
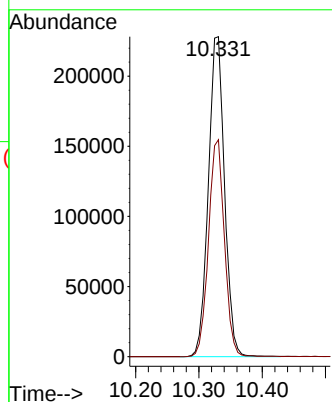
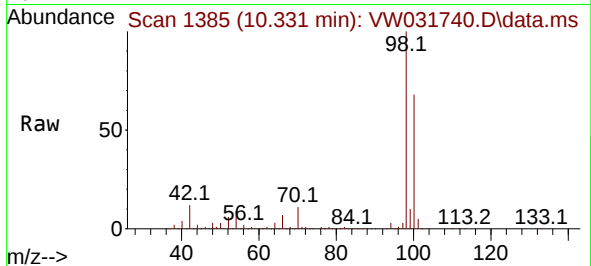




#50
Toluene-d8
Concen: 45.778 ug/l
RT: 10.331 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031740.D
Acq: 01 Jul 2025 10:58

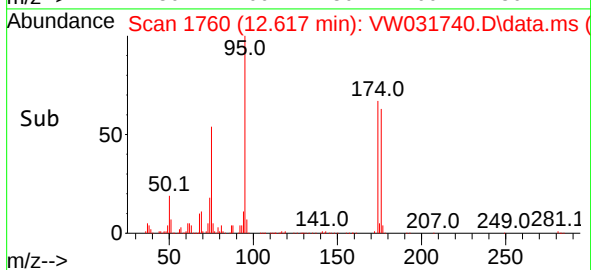
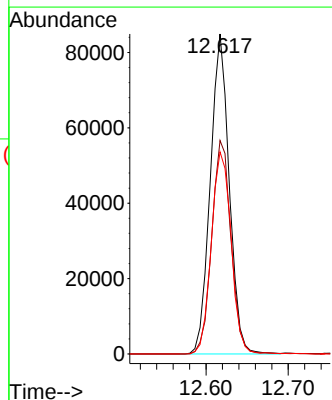
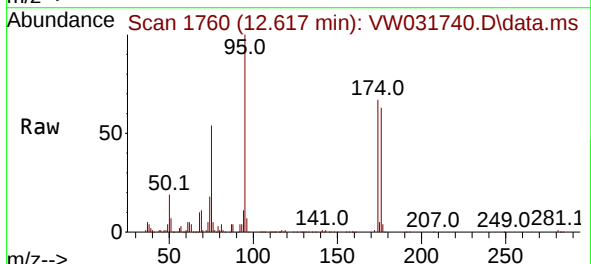
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBL02

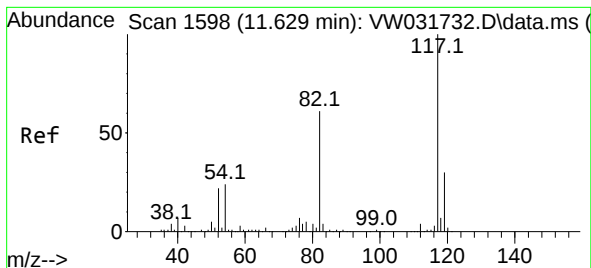
Tgt Ion: 98 Resp: 406941
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 41.520 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031740.D
Acq: 01 Jul 2025 10:58

Tgt Ion: 95 Resp: 135823
Ion Ratio Lower Upper
95 100
174 67.8 0.0 133.8
176 66.0 0.0 126.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031740.D

Acq: 01 Jul 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0701SBL02

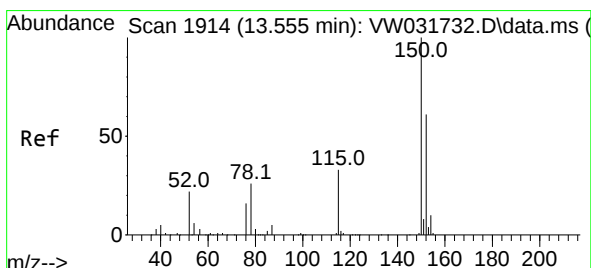
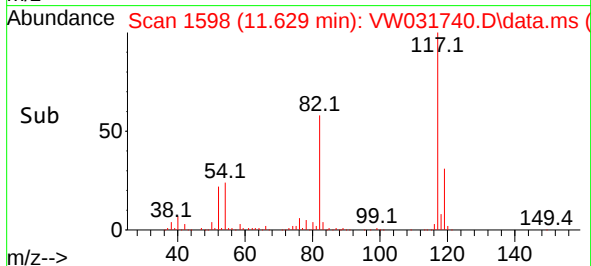
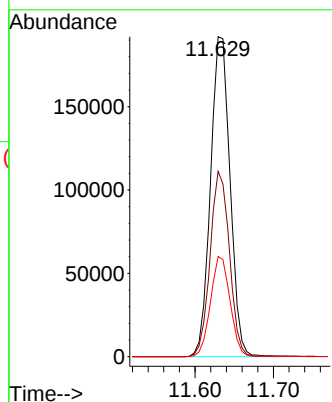
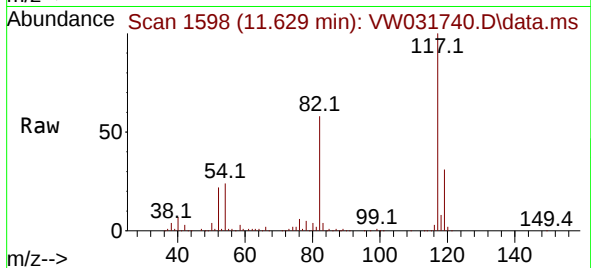
Tgt Ion:117 Resp: 332690

Ion Ratio Lower Upper

117 100

82 57.9 48.6 72.8

119 31.3 23.9 35.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031740.D

Acq: 01 Jul 2025 10:58

Tgt Ion:152 Resp: 150101

Ion Ratio Lower Upper

152 100

115 63.7 31.9 95.7

150 161.4 0.0 356.4

