

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070125\
 Data File : VW031739.D
 Acq On : 01 Jul 2025 10:36
 Operator : SY/MD
 Sample : VW0701SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBL01

Quant Time: Jul 02 04:58:20 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	174593	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	331136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	300155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	139333	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	129160	51.548	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	103.100%
35) Dibromofluoromethane	7.898	113	106584	49.326	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	98.660%
50) Toluene-d8	10.325	98	383484	47.690	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	95.380%
62) 4-Bromofluorobenzene	12.617	95	127760	43.174	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	86.340%

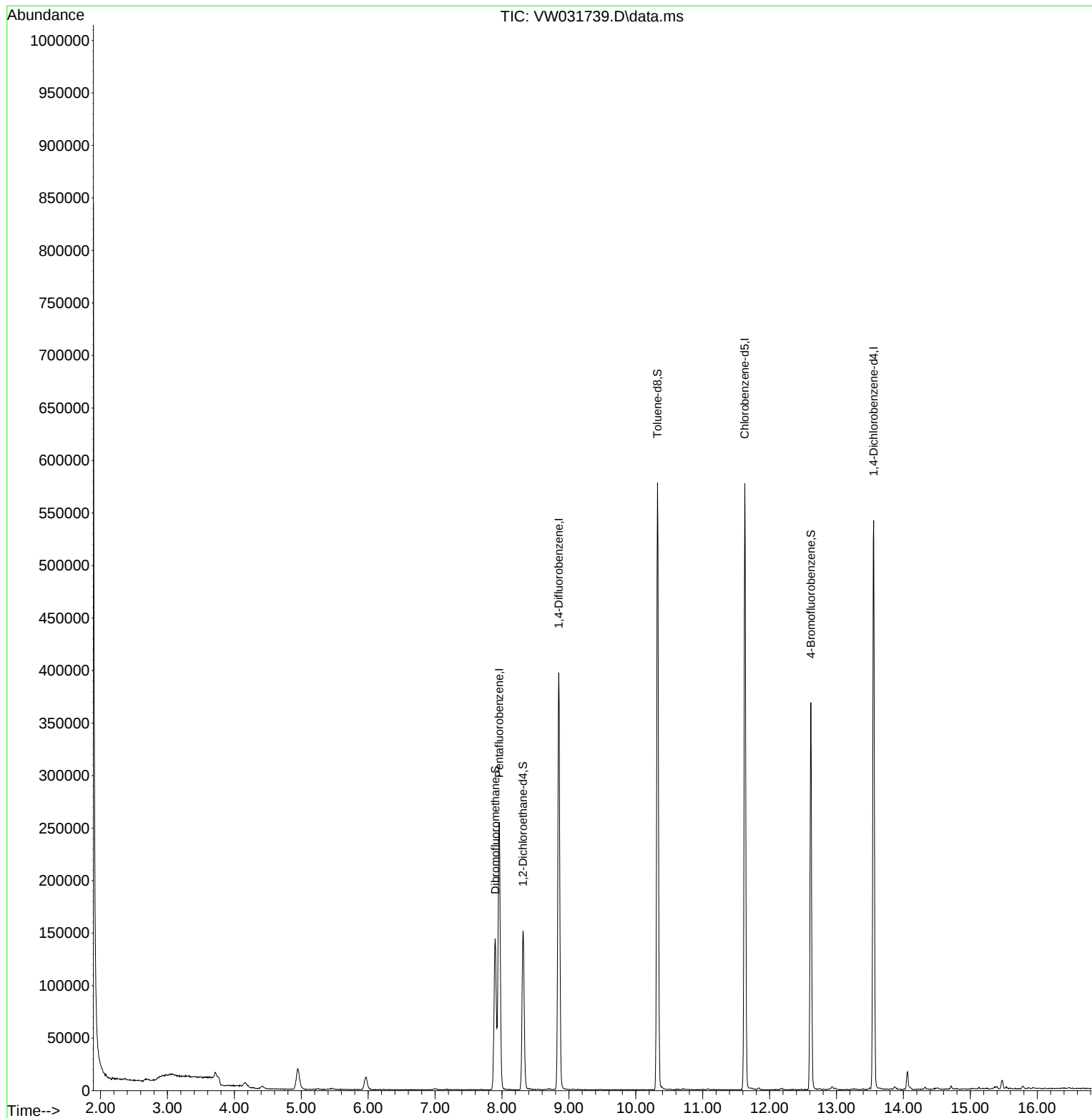
Target Compounds	Qvalue

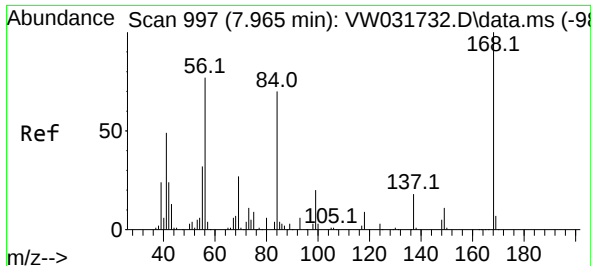
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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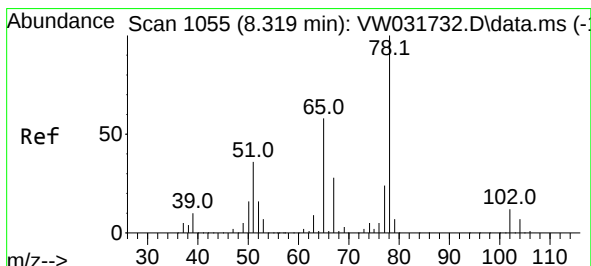
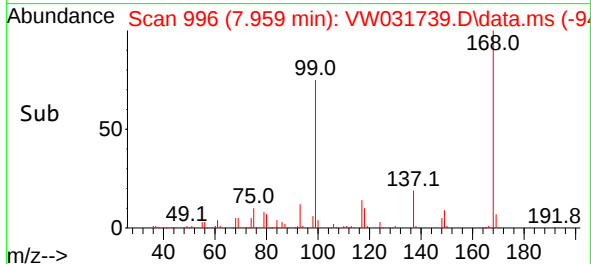
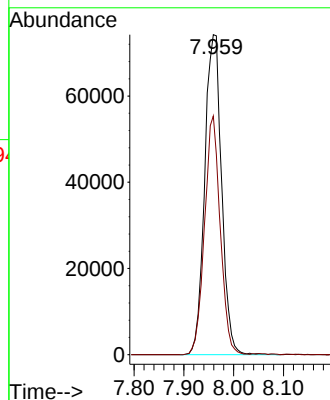
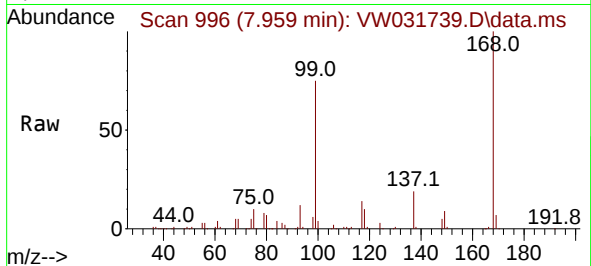




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

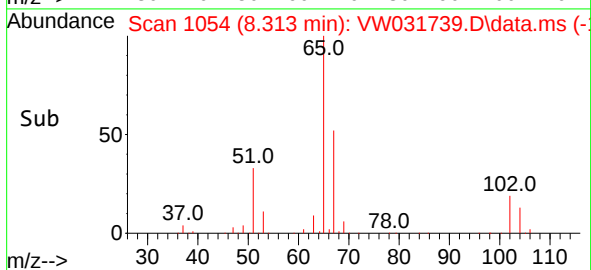
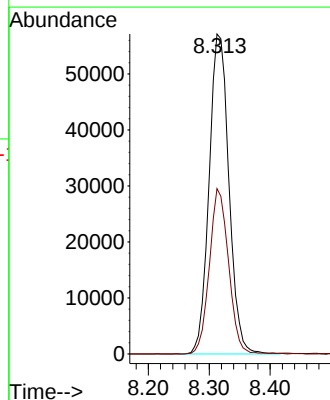
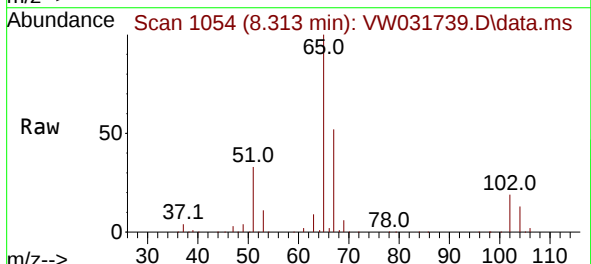
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBL01

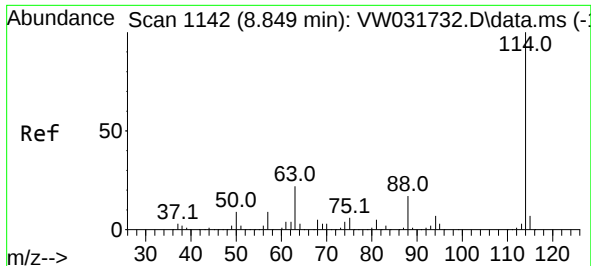
Tgt Ion:168 Resp: 174593
Ion Ratio Lower Upper
168 100
99 74.6 49.4 74.2#



#33
1,2-Dichloroethane-d4
Concen: 51.548 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

Tgt Ion: 65 Resp: 129160
Ion Ratio Lower Upper
65 100
67 50.0 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: VW031739.D

Acq: 01 Jul 2025 10:36

Instrument :

MSVOA_W

ClientSampleId :

VW0701SBL01

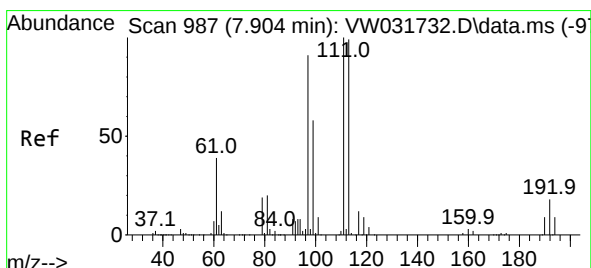
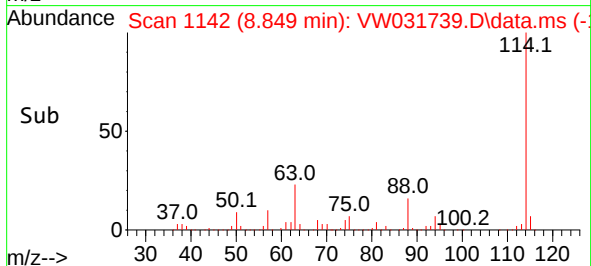
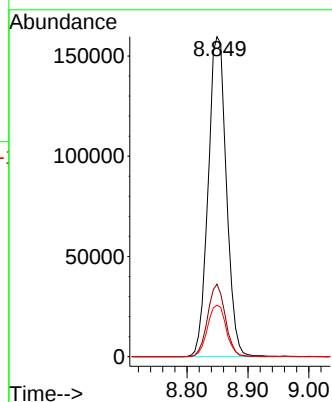
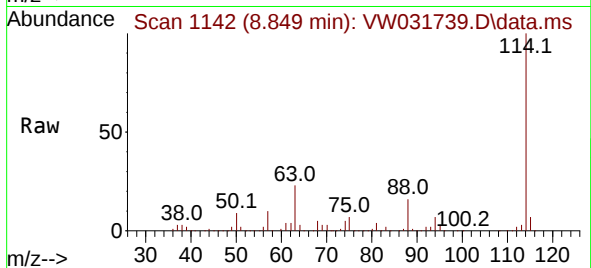
Tgt Ion:114 Resp: 331136

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.6

88 16.1 0.0 34.2



#35

Dibromofluoromethane

Concen: 49.326 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW031739.D

Acq: 01 Jul 2025 10:36

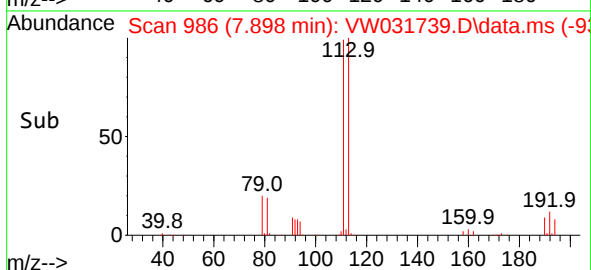
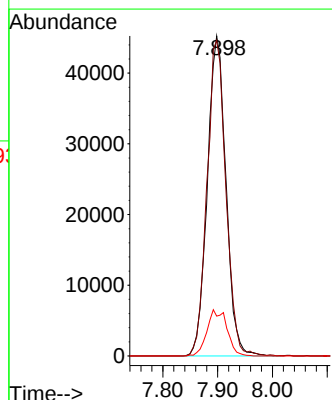
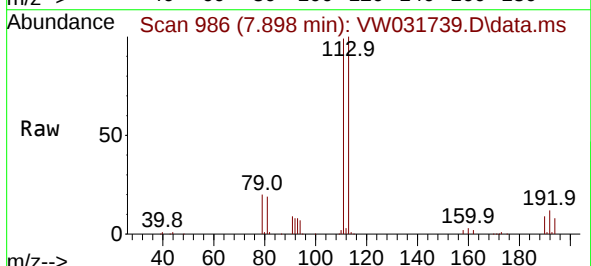
Tgt Ion:113 Resp: 106584

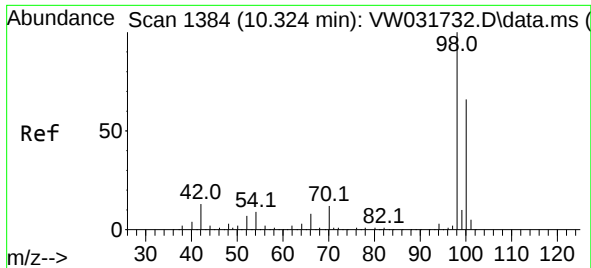
Ion Ratio Lower Upper

113 100

111 99.9 82.1 123.1

192 15.5 13.8 20.6

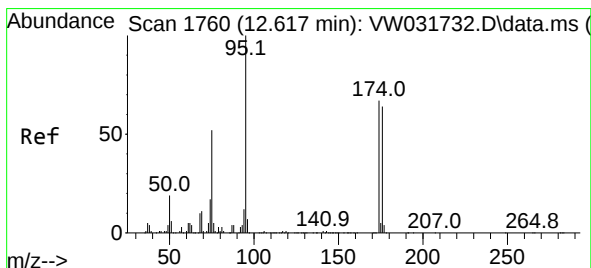
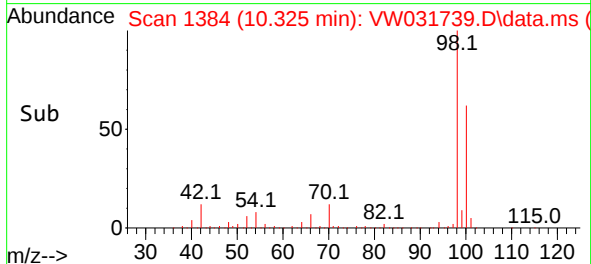
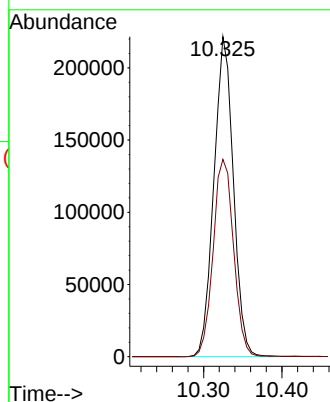
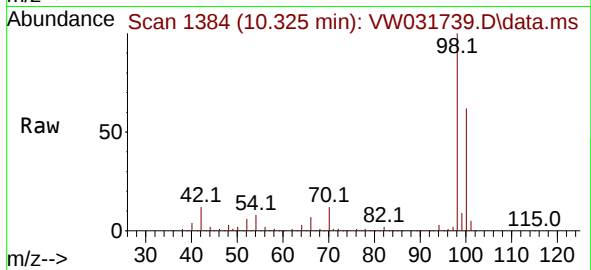




#50
Toluene-d8
Concen: 47.690 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

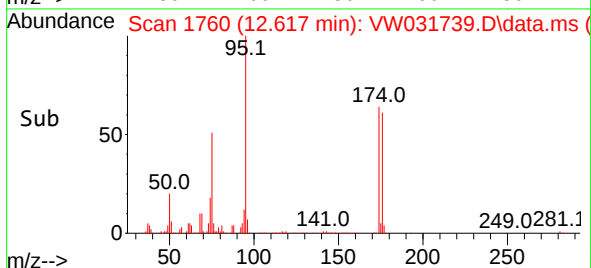
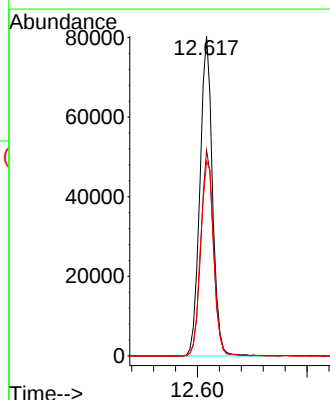
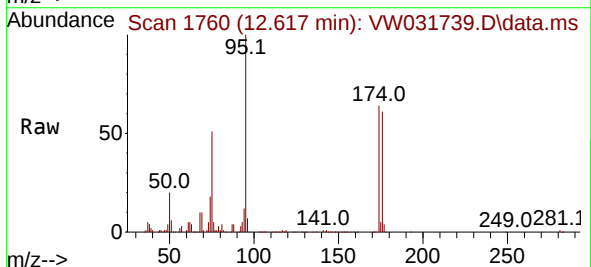
Instrument :
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VW0701SBL01

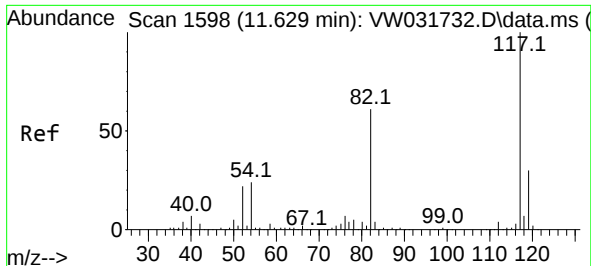
Tgt Ion: 98 Resp: 383484
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 43.174 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

Tgt Ion: 95 Resp: 127760
Ion Ratio Lower Upper
95 100
174 64.7 0.0 133.8
176 64.0 0.0 126.0

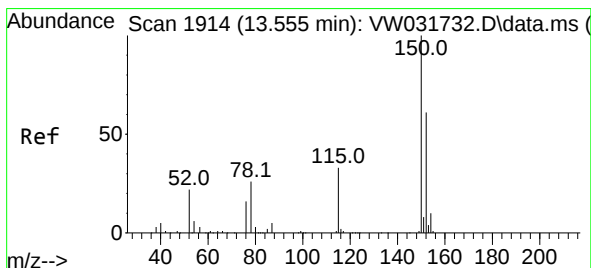
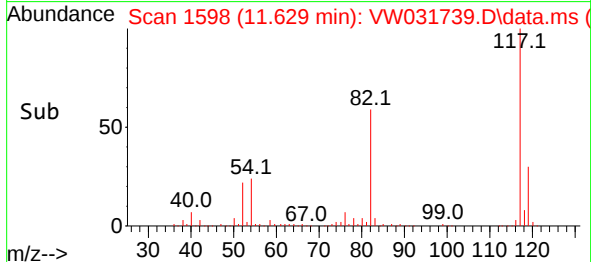
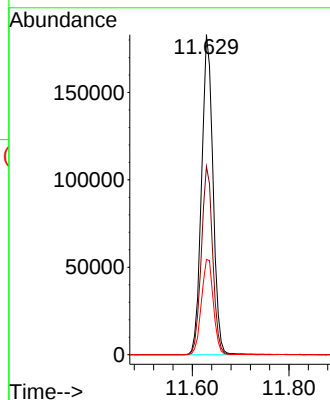
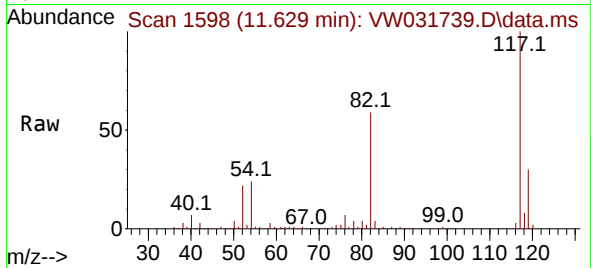




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031739.D
Acq: 01 Jul 2025 10:36

Instrument :
MSVOA_W
ClientSampleId :
VW0701SBL01

Tgt Ion:117 Resp: 300155
Ion Ratio Lower Upper
117 100
82 58.9 48.6 72.8
119 29.8 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: VW031739.D
Acq: 01 Jul 2025 10:36

Tgt Ion:152 Resp: 139333
Ion Ratio Lower Upper
152 100
115 62.8 31.9 95.7
150 155.6 0.0 356.4

