

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075102.D
 Acq On : 10 Jan 2023 13:06
 Operator : KP/SY
 Sample : 01080-03
 Misc : 5.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2-(35-37)

Quant Time: Jan 11 01:49:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	25495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	55311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	55843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	28244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	22749	89.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.000%#	
35) Dibromofluoromethane	7.805	113	18629	53.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.080%	
50) Toluene-d8	10.269	98	70372	51.012	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	12.575	95	30209	68.224	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 136.440%	

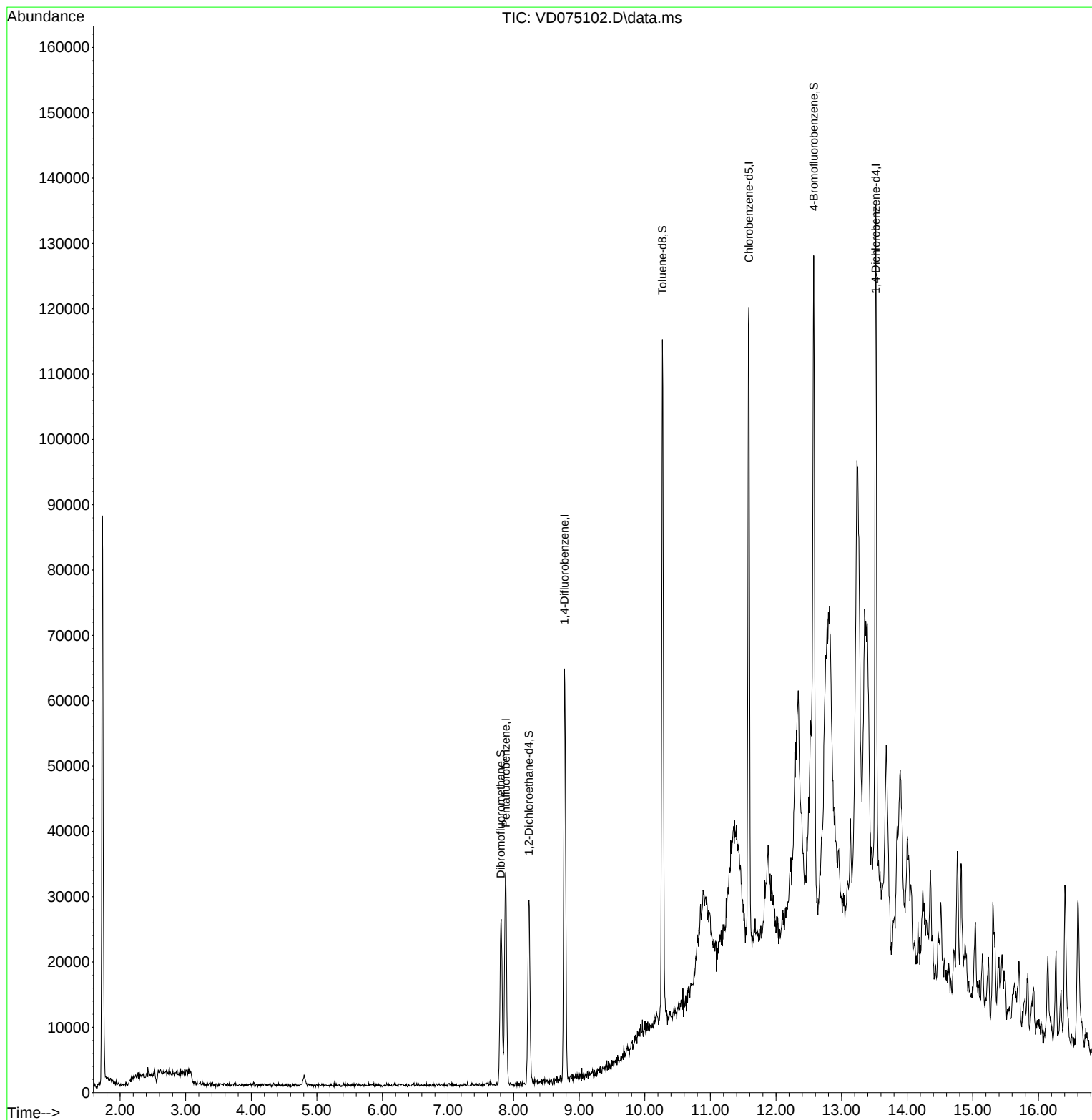
Target Compounds	Qvalue

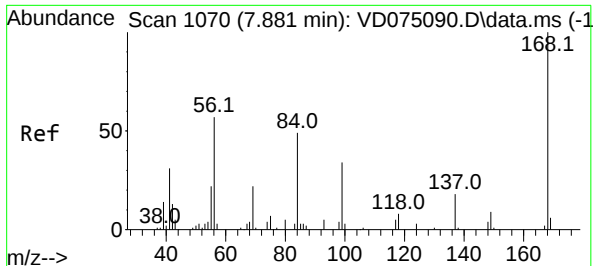
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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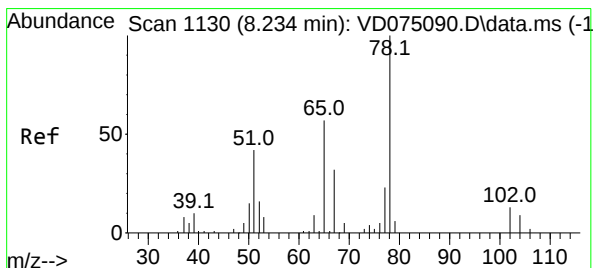
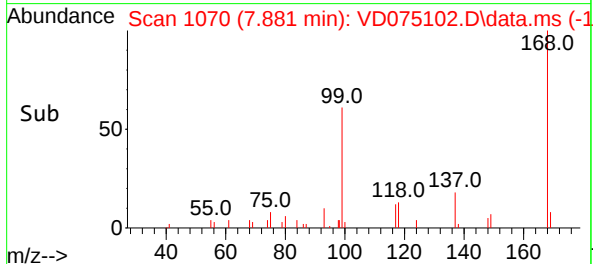
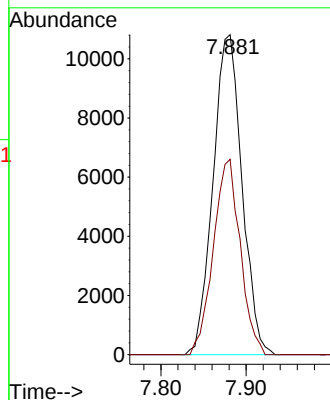
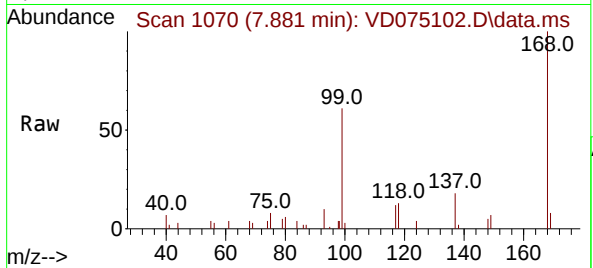




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

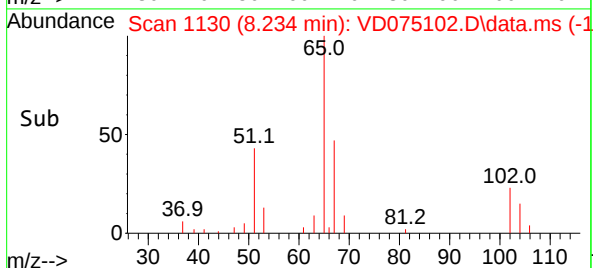
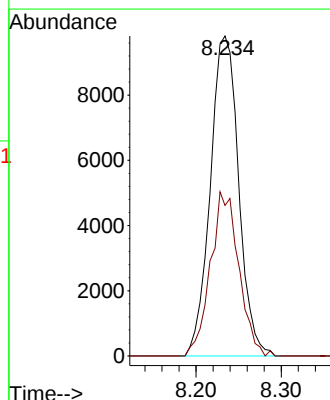
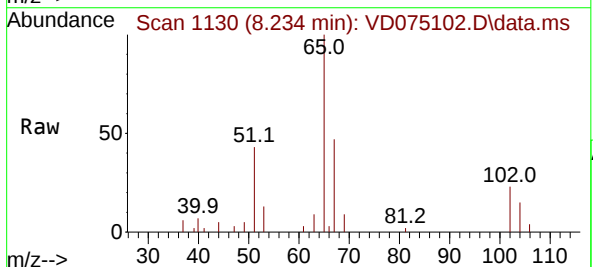
Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

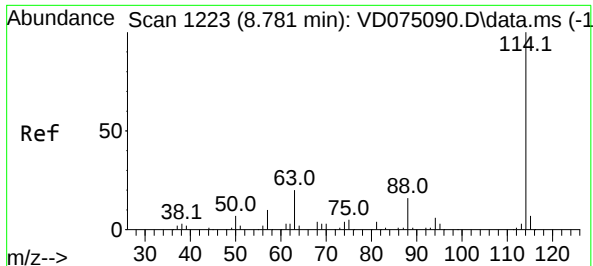
Tgt Ion:168 Resp: 25495
Ion Ratio Lower Upper
168 100
99 61.0 43.2 64.8



#33
1,2-Dichloroethane-d4
Concen: 89.002 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

Tgt Ion: 65 Resp: 22749
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075102.D

Acq: 10 Jan 2023 13:06

Instrument :

MSVOA_D

ClientSampleId :

B-2-(35-37)

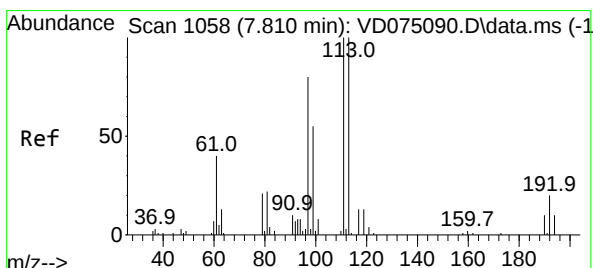
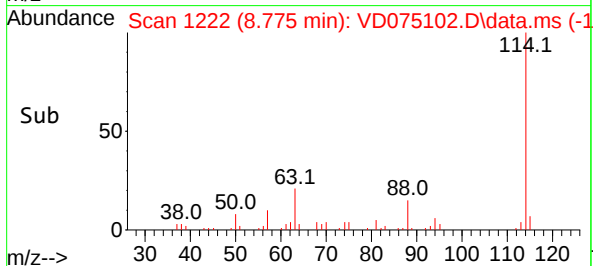
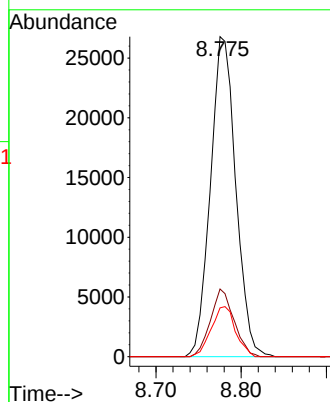
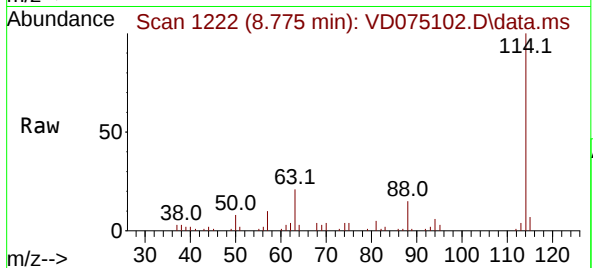
Tgt Ion:114 Resp: 55311

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 15.3 0.0 31.2



#35

Dibromofluoromethane

Concen: 53.544 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075102.D

Acq: 10 Jan 2023 13:06

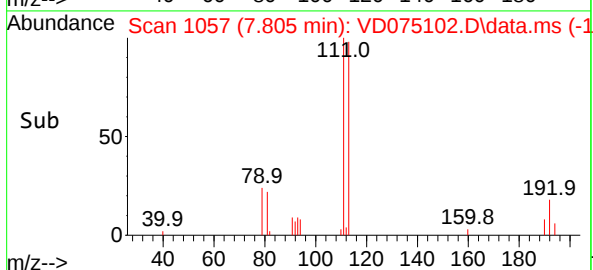
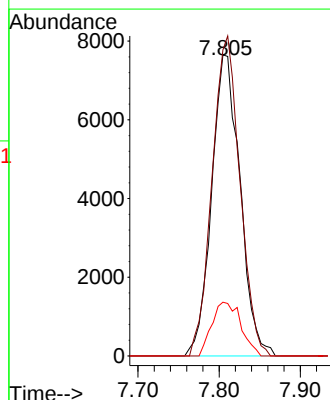
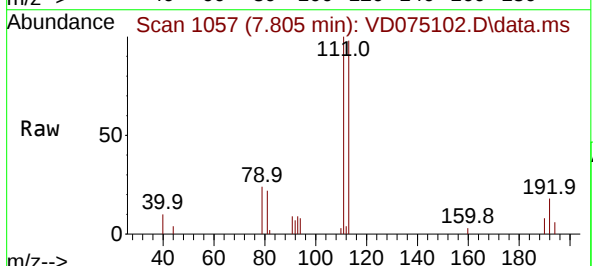
Tgt Ion:113 Resp: 18629

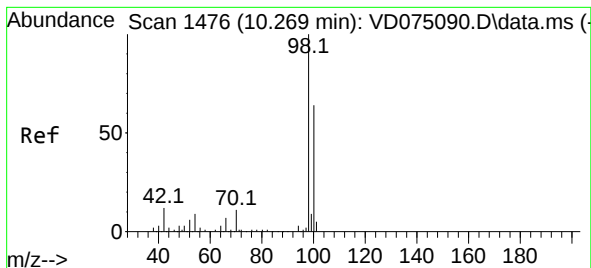
Ion Ratio Lower Upper

113 100

111 103.9 83.2 124.8

192 18.2 15.0 22.6





#50

Toluene-d8

Concen: 51.012 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075102.D

Acq: 10 Jan 2023 13:06

Instrument :

MSVOA_D

ClientSampleId :

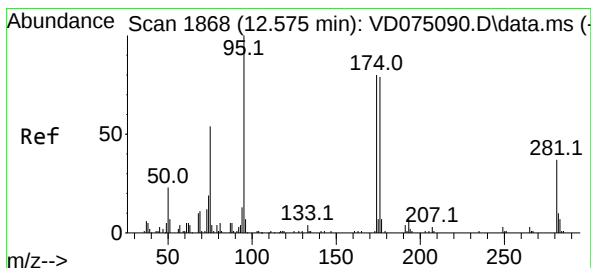
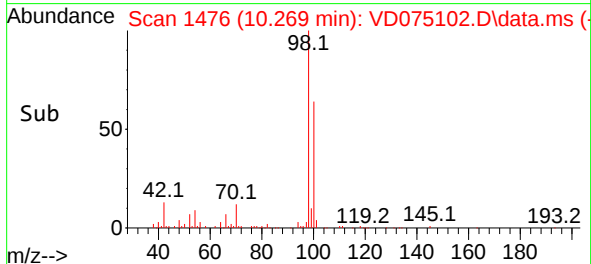
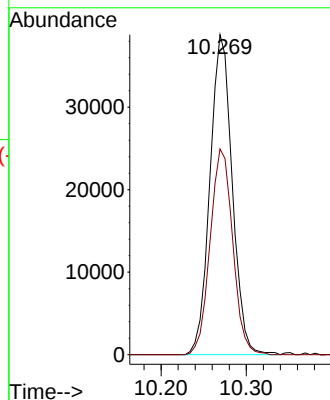
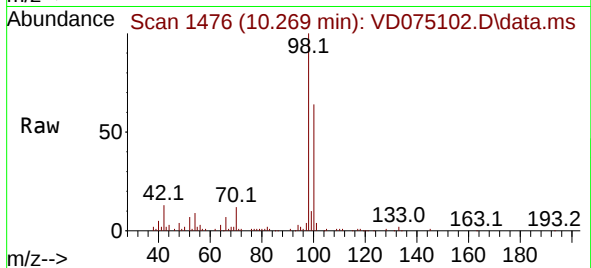
B-2-(35-37)

Tgt Ion: 98 Resp: 70372

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 68.224 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD075102.D

Acq: 10 Jan 2023 13:06

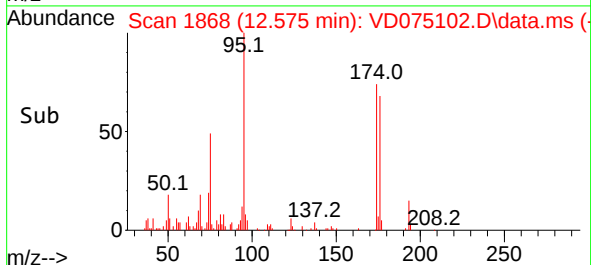
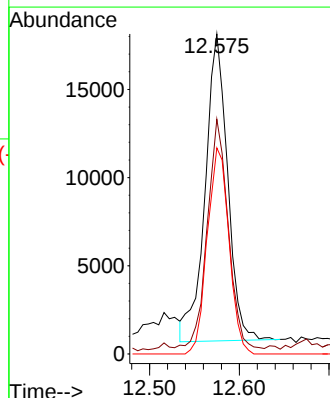
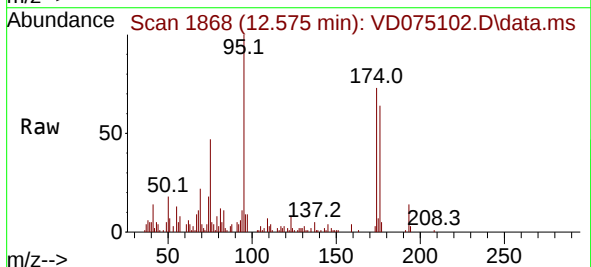
Tgt Ion: 95 Resp: 30209

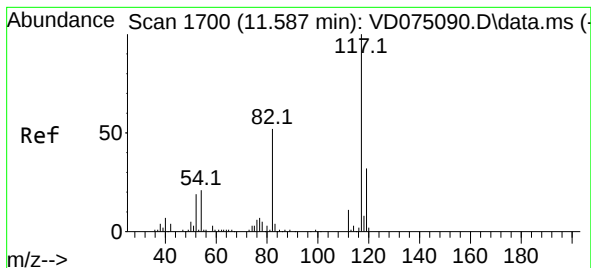
Ion Ratio Lower Upper

95 100

174 71.4 0.0 168.4

176 64.8 0.0 163.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075102.D

Acq: 10 Jan 2023 13:06

Instrument :

MSVOA_D

ClientSampleId :

B-2-(35-37)

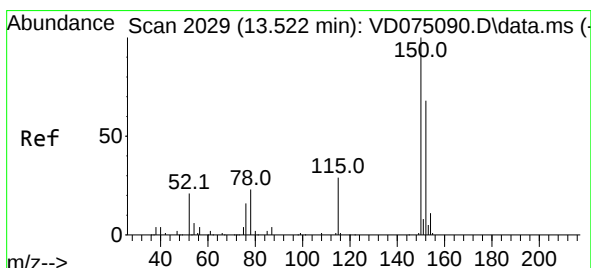
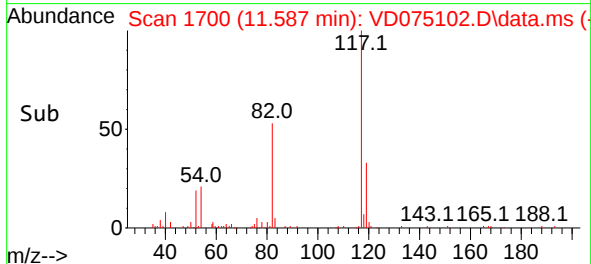
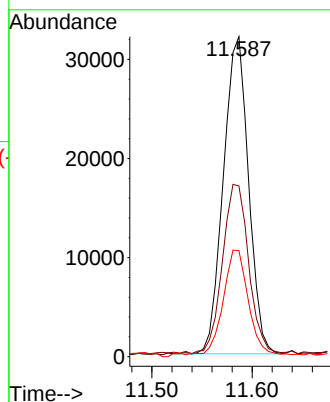
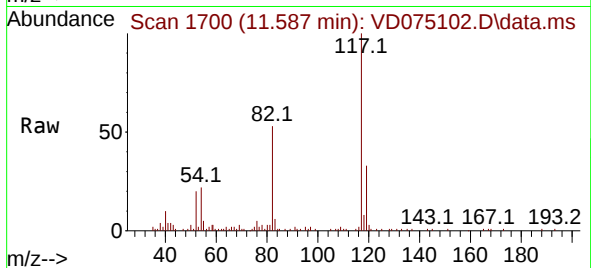
Tgt Ion:117 Resp: 55843

Ion Ratio Lower Upper

117 100

82 52.7 41.3 61.9

119 32.6 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD075102.D

Acq: 10 Jan 2023 13:06

Tgt Ion:152 Resp: 28244

Ion Ratio Lower Upper

152 100

115 58.8 28.7 86.1

150 151.7 0.0 343.2

