

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075107.D
 Acq On : 10 Jan 2023 15:25
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jan 11 01:50:43 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	7.875	168	111700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	244104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	221988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	95741	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	67776	60.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.040%
35) Dibromofluoromethane	7.810	113	75850	49.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.800%
50) Toluene-d8	10.269	98	302608	49.704	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.575	95	99505	50.919	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.840%

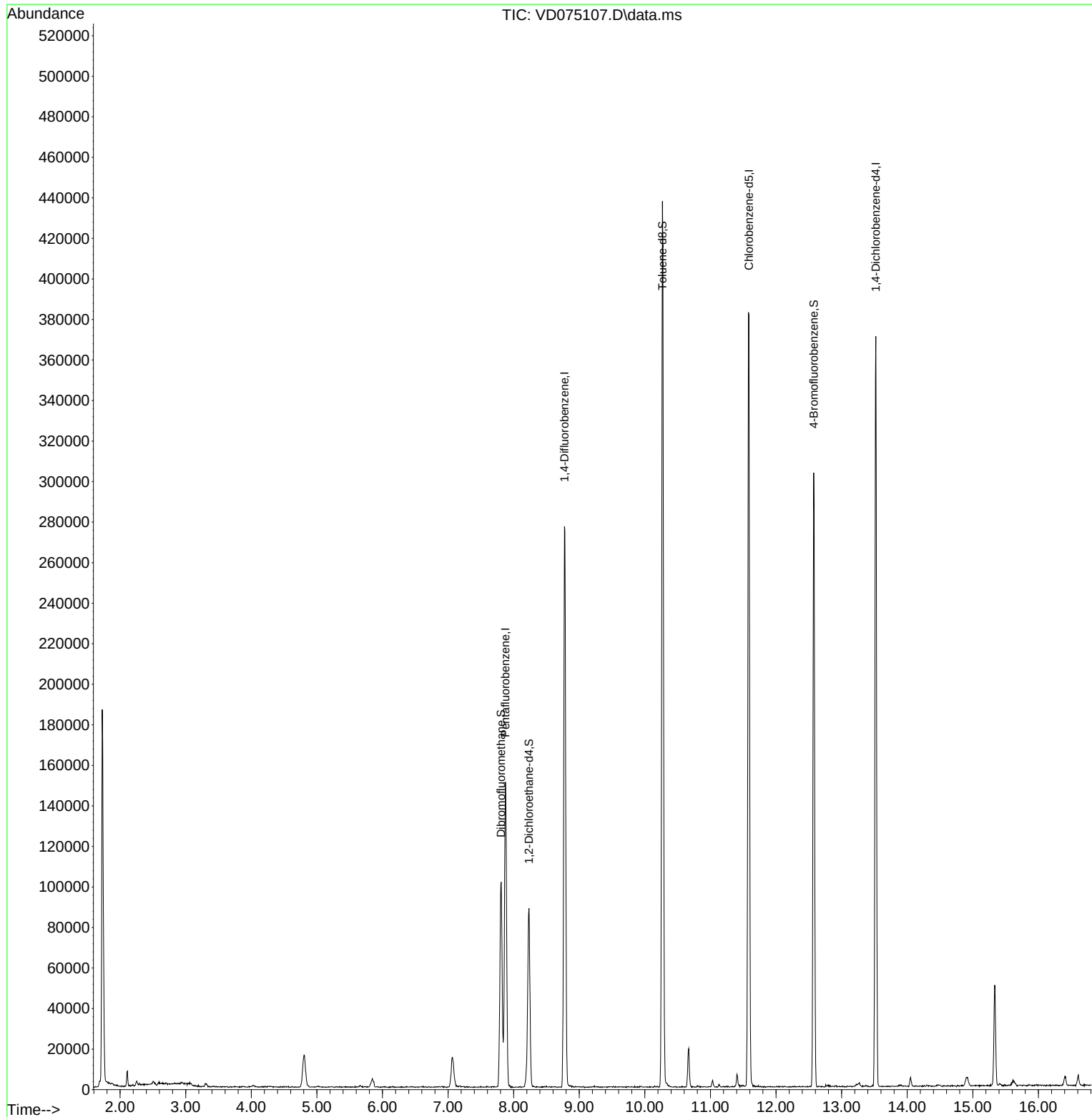
Target Compounds	Qvalue

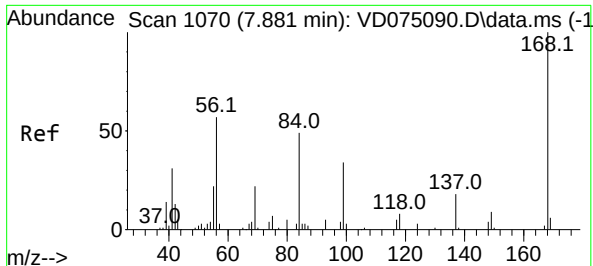
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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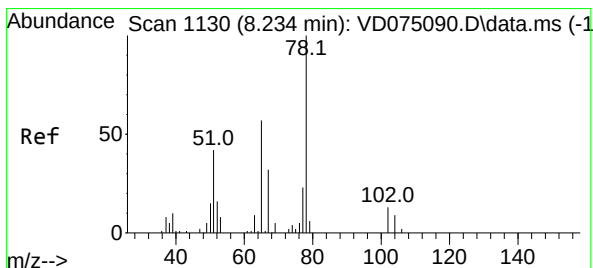
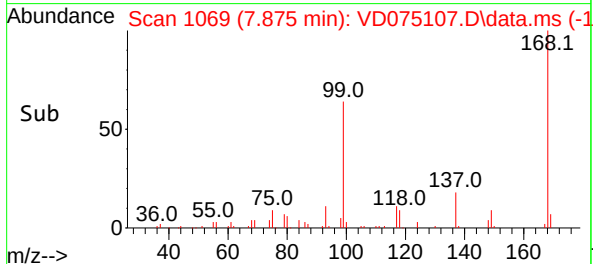
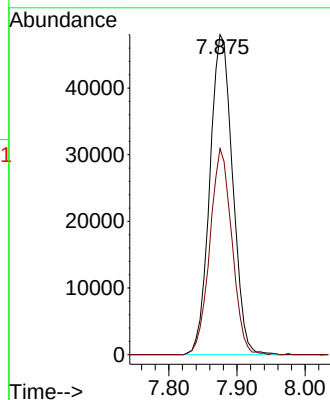
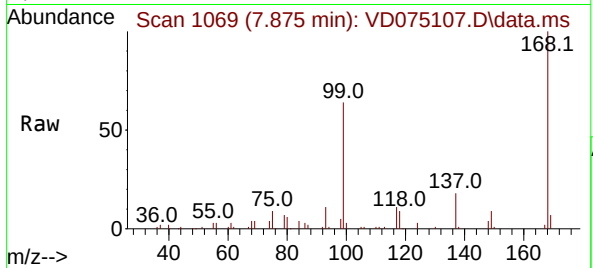




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VD075107.D
Acq: 10 Jan 2023 15:25

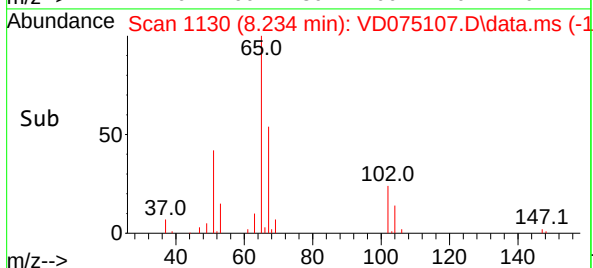
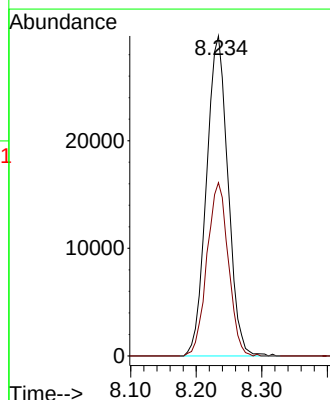
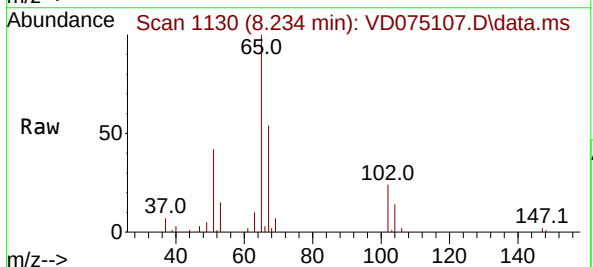
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

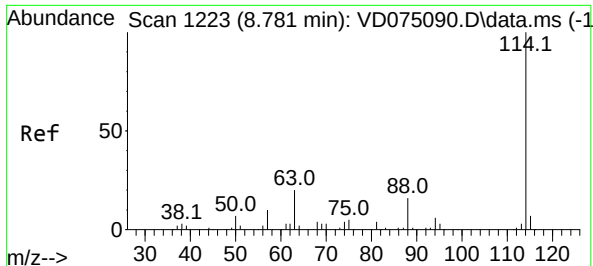
Tgt Ion:168 Resp: 111700
Ion Ratio Lower Upper
168 100
99 64.4 43.2 64.8



#33
1,2-Dichloroethane-d4
Concen: 60.522 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075107.D
Acq: 10 Jan 2023 15:25

Tgt Ion: 65 Resp: 67776
Ion Ratio Lower Upper
65 100
67 53.7 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: VD075107.D

Acq: 10 Jan 2023 15:25

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

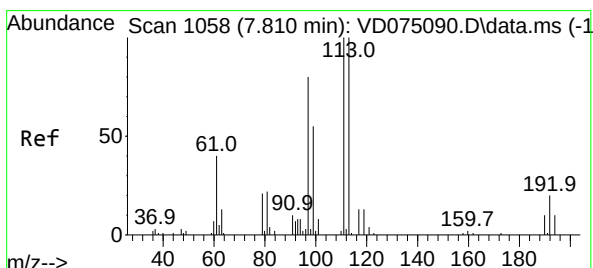
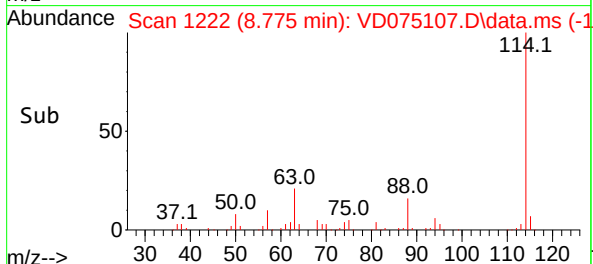
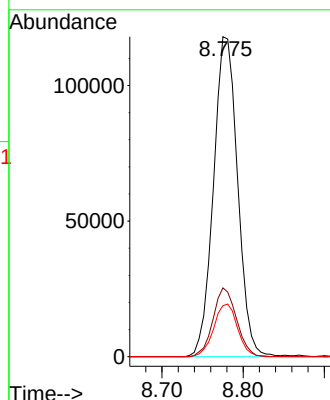
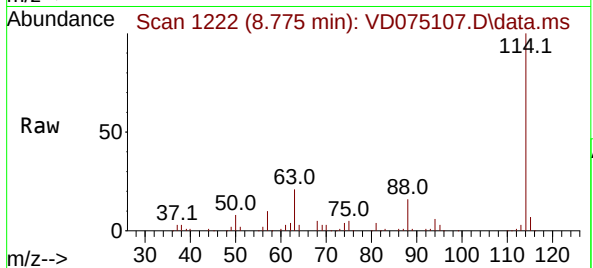
Tgt Ion:114 Resp: 244104

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 16.0 0.0 31.2



#35

Dibromofluoromethane

Concen: 49.398 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075107.D

Acq: 10 Jan 2023 15:25

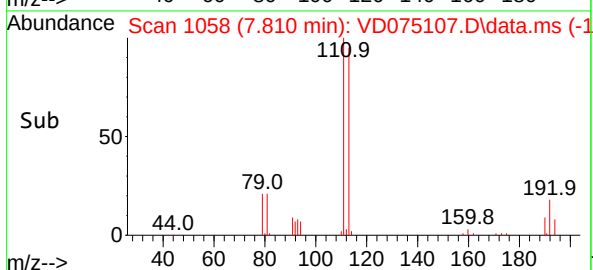
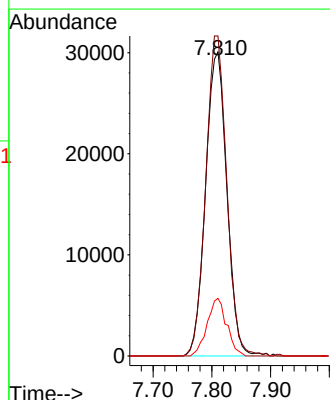
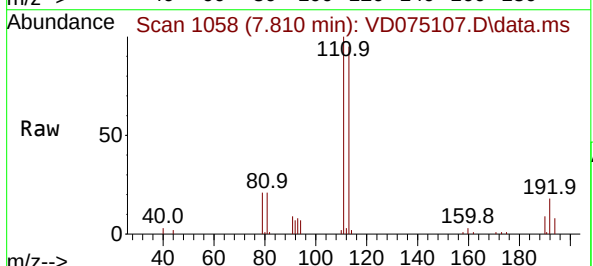
Tgt Ion:113 Resp: 75850

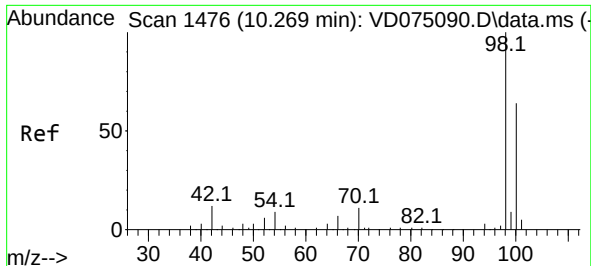
Ion Ratio Lower Upper

113 100

111 103.4 83.2 124.8

192 17.4 15.0 22.6

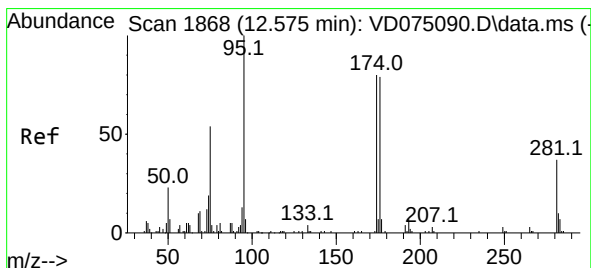
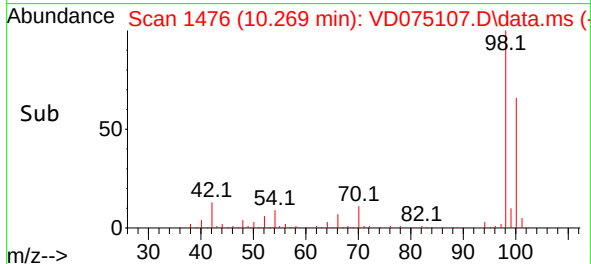
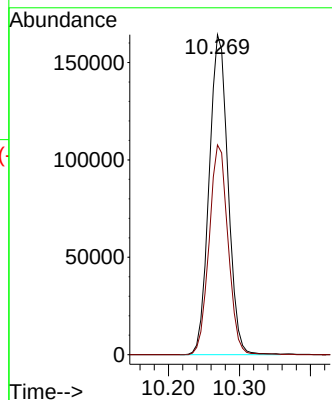
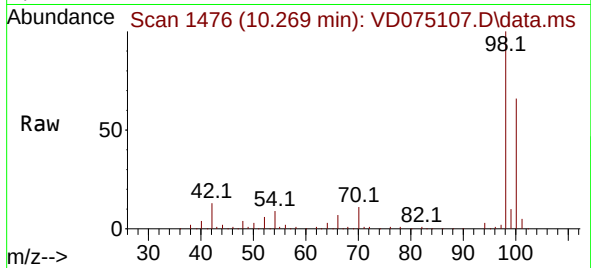




#50
Toluene-d8
Concen: 49.704 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075107.D
Acq: 10 Jan 2023 15:25

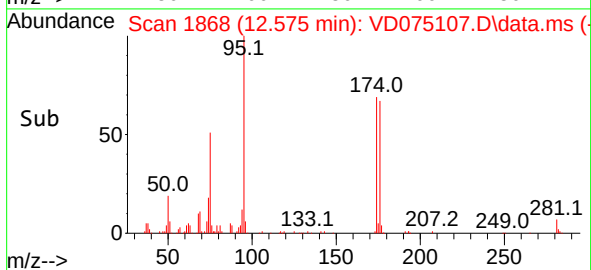
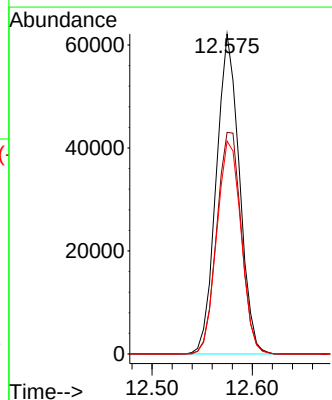
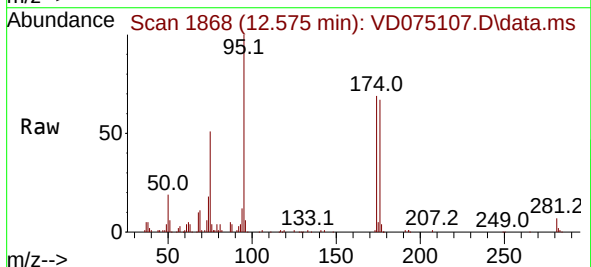
Instrument :
MSVOA_D
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VIBLK

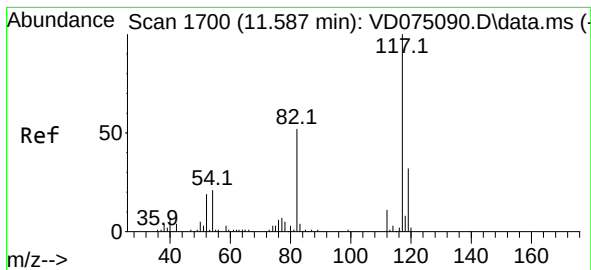
Tgt Ion: 98 Resp: 302608
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.919 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075107.D
Acq: 10 Jan 2023 15:25

Tgt Ion: 95 Resp: 99505
Ion Ratio Lower Upper
95 100
174 73.7 0.0 168.4
176 70.0 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: VD075107.D

Acq: 10 Jan 2023 15:25

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

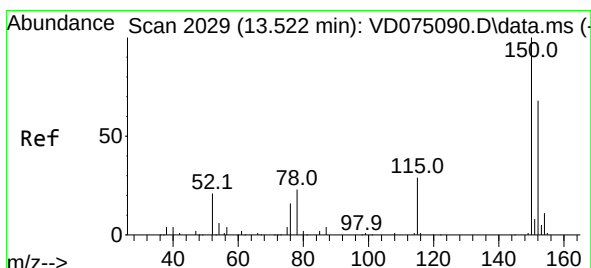
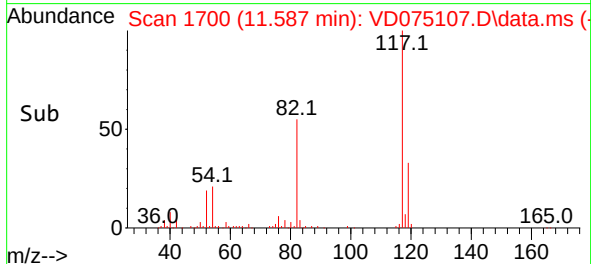
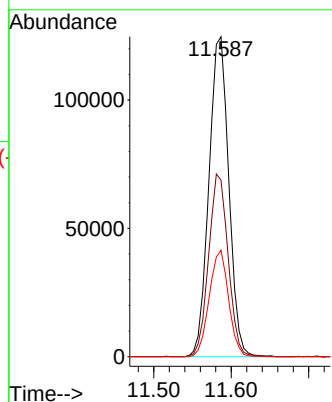
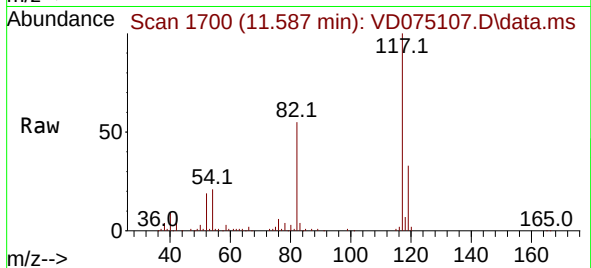
Tgt Ion:117 Resp: 221988

Ion Ratio Lower Upper

117 100

82 55.2 41.3 61.9

119 33.2 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: VD075107.D

Acq: 10 Jan 2023 15:25

Tgt Ion:152 Resp: 95741

Ion Ratio Lower Upper

152 100

115 61.5 28.7 86.1

150 153.6 0.0 343.2

