

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078739.D
 Acq On : 22 Mar 2024 13:34
 Operator : RP/MD
 Sample : P1816-01RE
 Misc : 5.08G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-032024RE

Quant Time: Mar 22 13:39:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	10967	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	18107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	17723	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	6066	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	6056	58.923	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.840%
35) Dibromofluoromethane	7.811	113	6925	59.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.800%
50) Toluene-d8	10.269	98	20023	46.701	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.400%
62) 4-Bromofluorobenzene	12.575	95	5591	44.573	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.140%

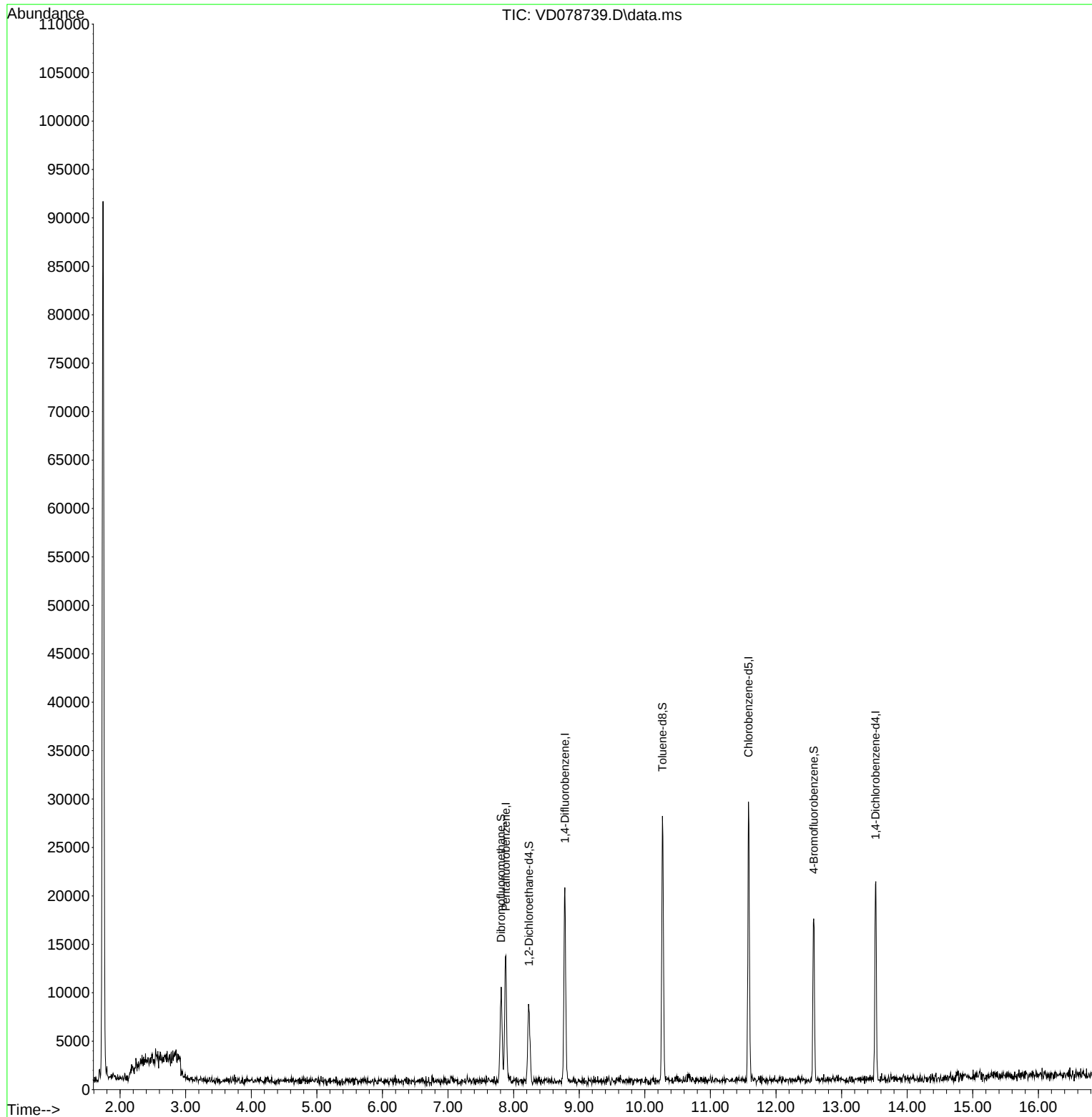
Target Compounds	Qvalue

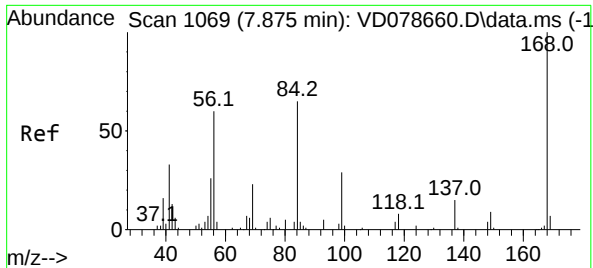
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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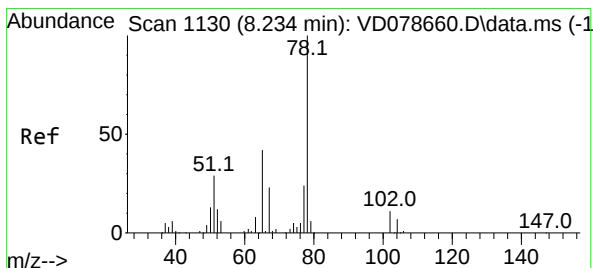
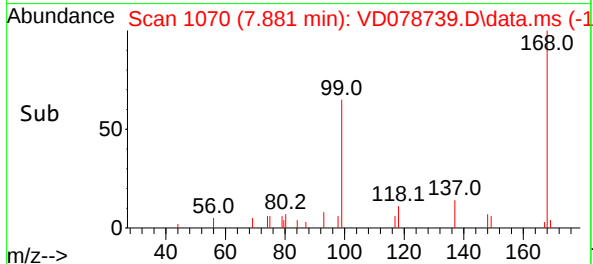
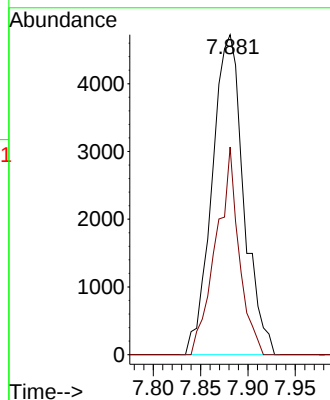
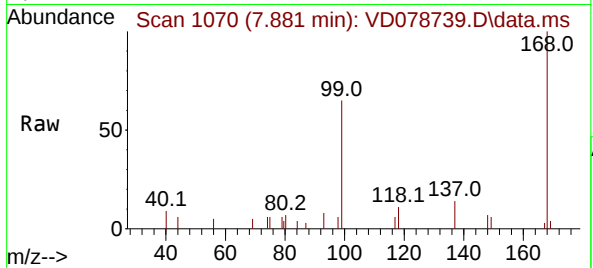




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078739.D
Acq: 22 Mar 2024 13:34

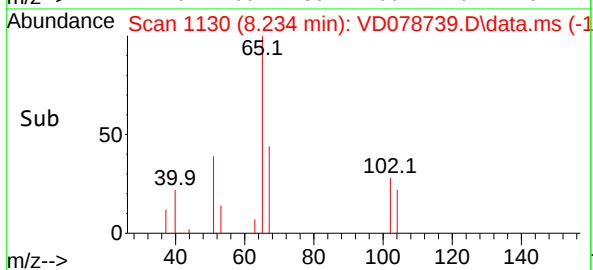
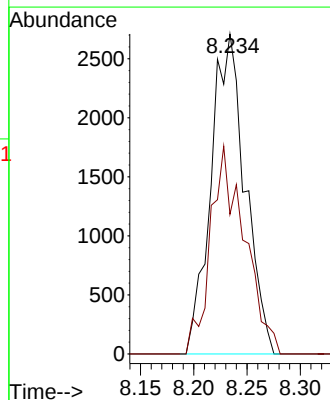
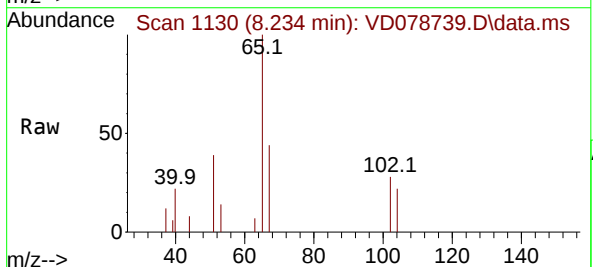
Instrument :
MSVOA_D
ClientSampleId :
PL-01-032024RE

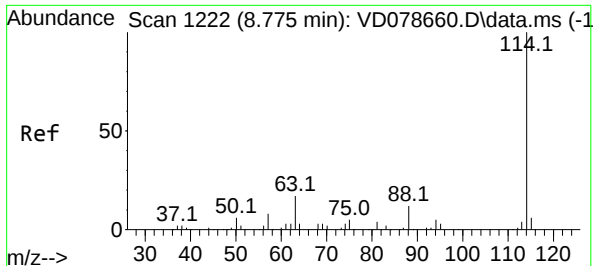
Tgt Ion:168 Resp: 10967
Ion Ratio Lower Upper
168 100
99 64.9 38.8 58.2#



#33
1,2-Dichloroethane-d4
Concen: 58.923 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078739.D
Acq: 22 Mar 2024 13:34

Tgt Ion: 65 Resp: 6056
Ion Ratio Lower Upper
65 100
67 64.9 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078739.D

Acq: 22 Mar 2024 13:34

Instrument :

MSVOA_D

ClientSampleId :

PL-01-032024RE

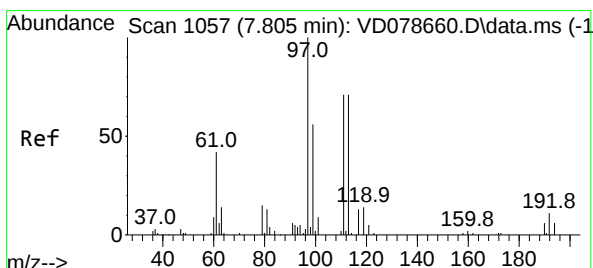
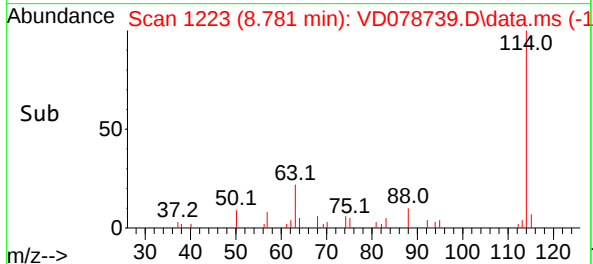
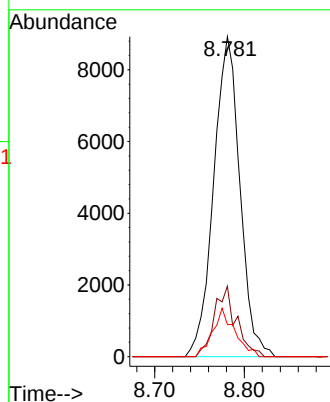
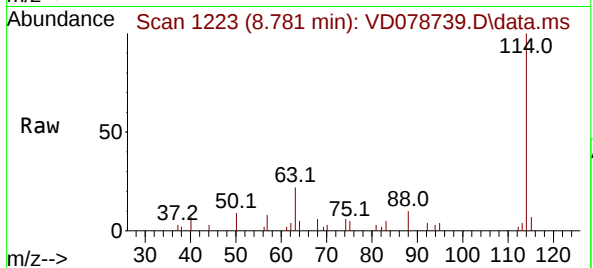
Tgt Ion:114 Resp: 18107

Ion Ratio Lower Upper

114 100

63 22.0 0.0 33.4

88 10.1 0.0 24.6



#35

Dibromofluoromethane

Concen: 59.400 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078739.D

Acq: 22 Mar 2024 13:34

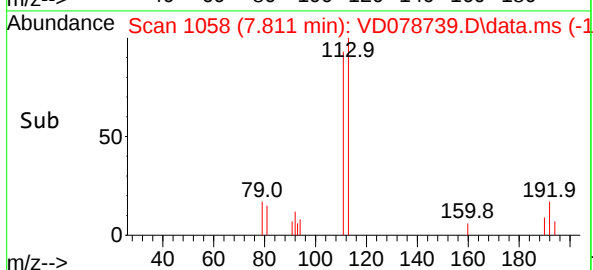
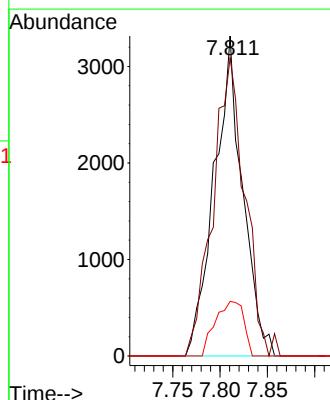
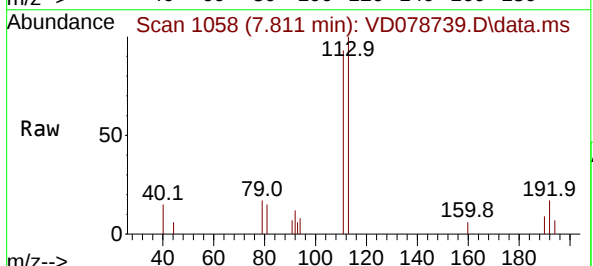
Tgt Ion:113 Resp: 6925

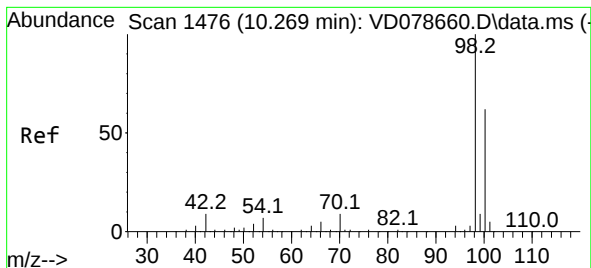
Ion Ratio Lower Upper

113 100

111 104.5 81.9 122.9

192 17.0 15.4 23.0





#50

Toluene-d8

Concen: 46.701 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078739.D

Acq: 22 Mar 2024 13:34

Instrument :

MSVOA_D

ClientSampleId :

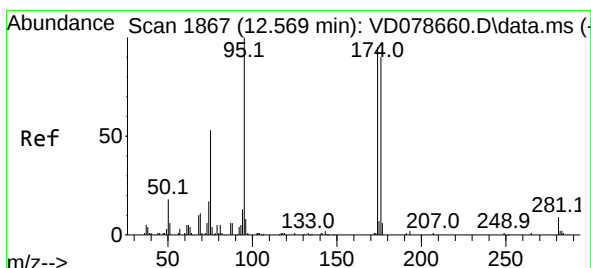
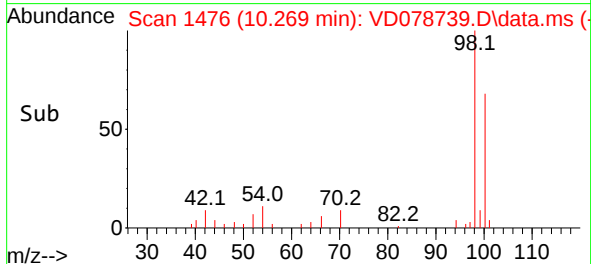
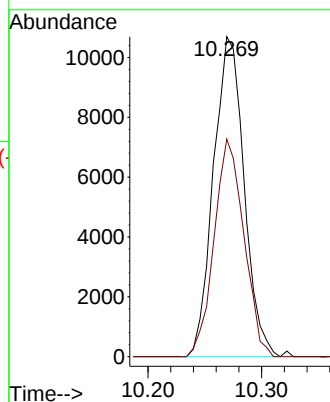
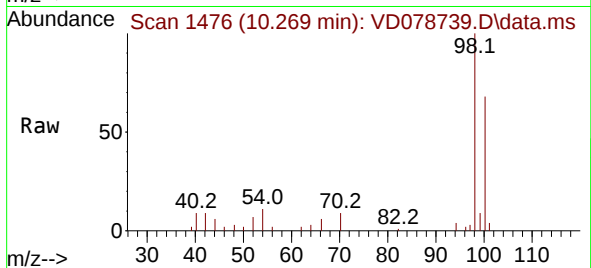
PL-01-032024RE

Tgt Ion: 98 Resp: 20023

Ion Ratio Lower Upper

98 100

100 66.1 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 44.573 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078739.D

Acq: 22 Mar 2024 13:34

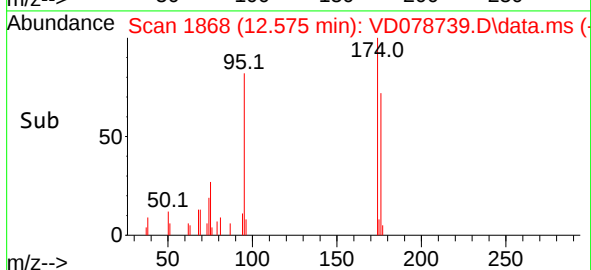
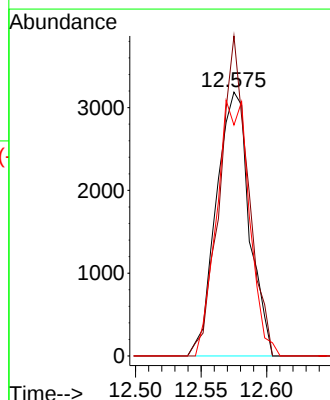
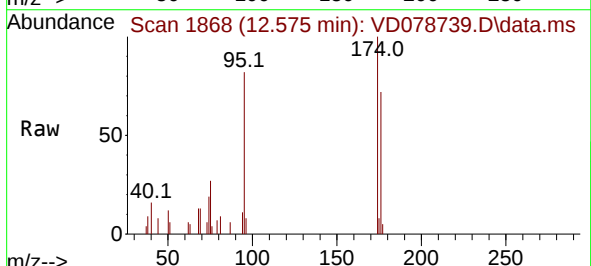
Tgt Ion: 95 Resp: 5591

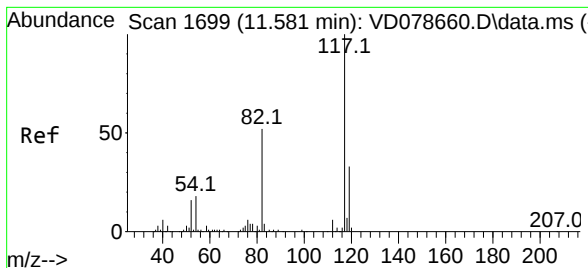
Ion Ratio Lower Upper

95 100

174 103.9 0.0 195.2

176 96.0 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078739.D

Acq: 22 Mar 2024 13:34

Instrument :

MSVOA_D

ClientSampleId :

PL-01-032024RE

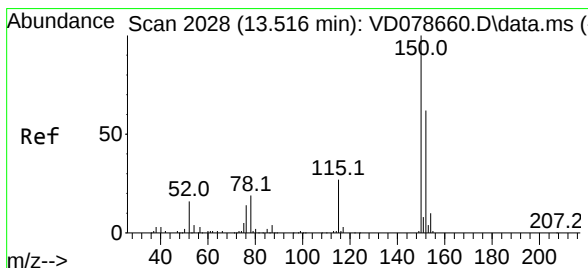
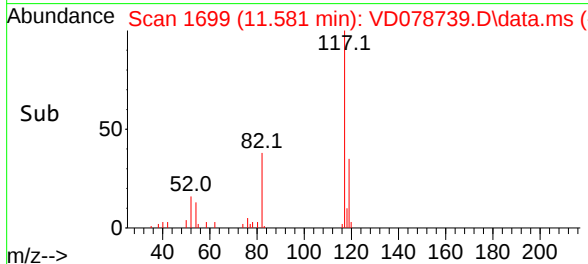
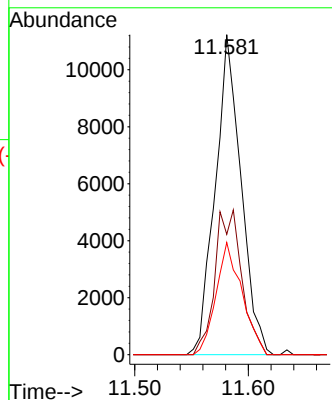
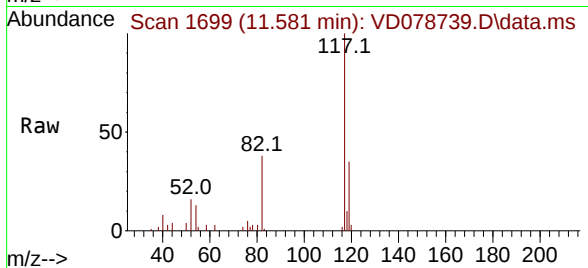
Tgt Ion:117 Resp: 17723

Ion Ratio Lower Upper

117 100

82 37.6 41.4 62.2#

119 35.1 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078739.D

Acq: 22 Mar 2024 13:34

Tgt Ion:152 Resp: 6066

Ion Ratio Lower Upper

152 100

115 58.6 27.1 81.2

150 173.2 0.0 350.2

