

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077147.D
 Acq On : 19 Sep 2023 15:36
 Operator : JC/SY
 Sample : 04445-01RE
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-09142023RE

Quant Time: Sep 19 16:26:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	61901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	161390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	203005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	101020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	56342	90.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	180.380%#
35) Dibromofluoromethane	7.805	113	66160	59.019	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.040%
50) Toluene-d8	10.269	98	213258	53.447	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.900%
62) 4-Bromofluorobenzene	12.575	95	78410	63.402	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	126.800%

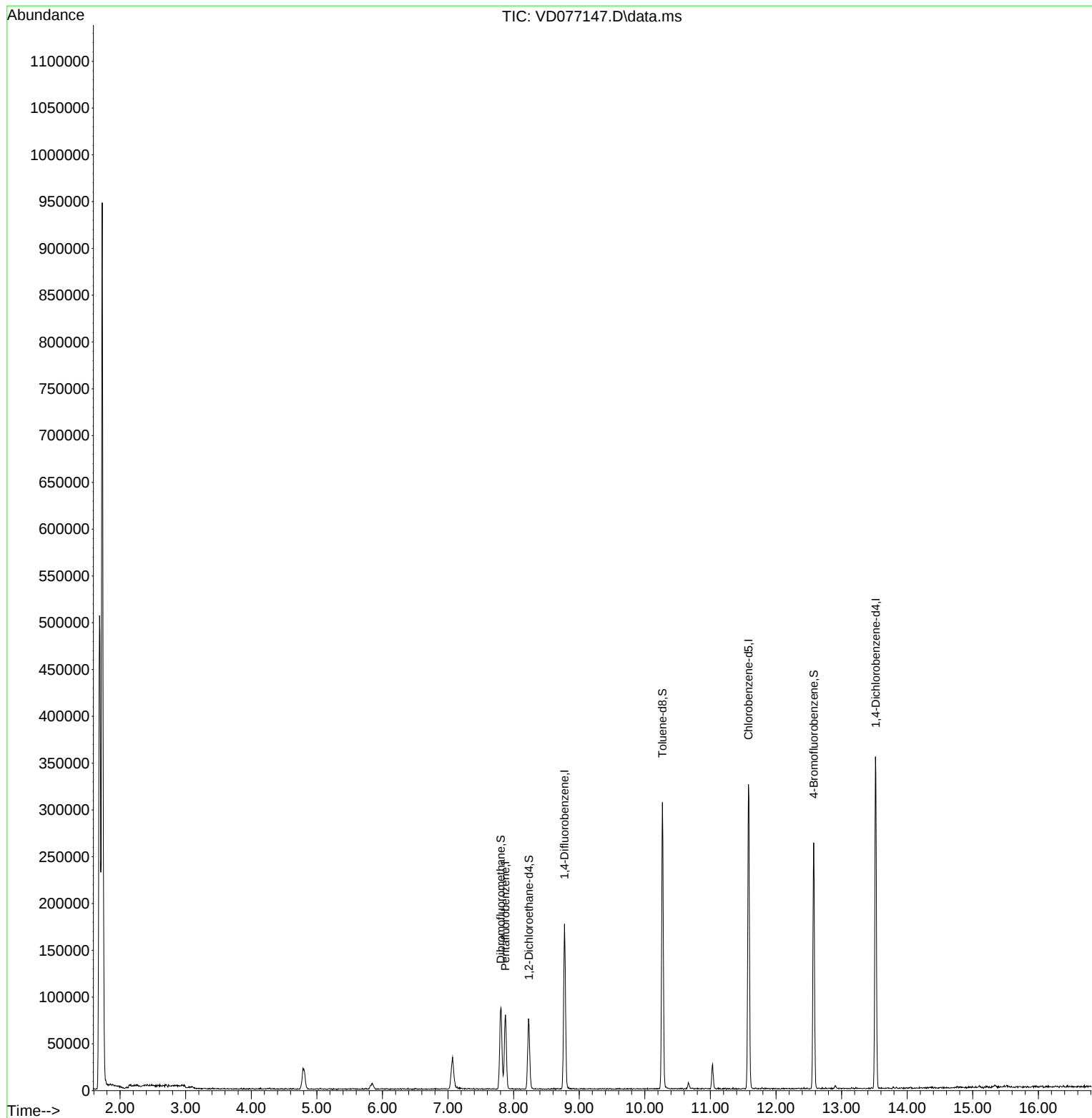
Target Compounds	Qvalue

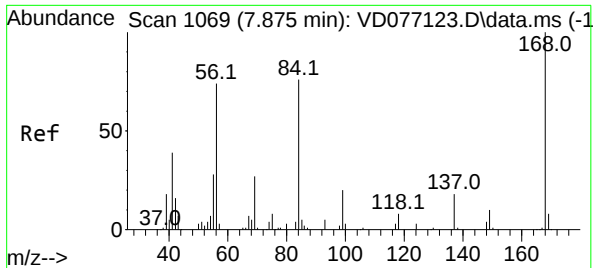
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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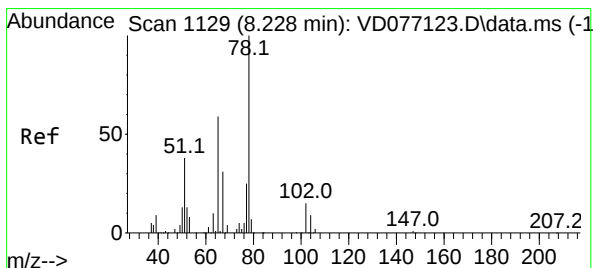
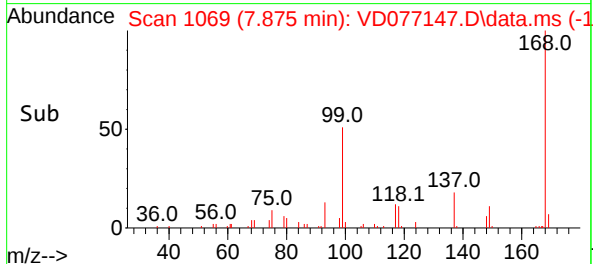
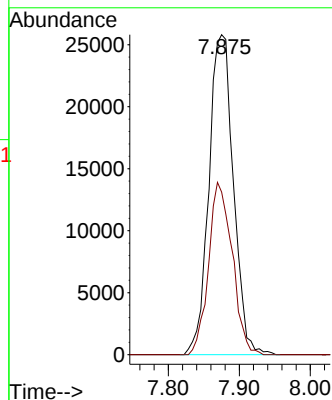
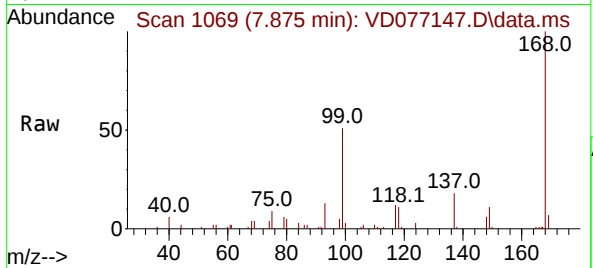




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD077147.D
Acq: 19 Sep 2023 15:36

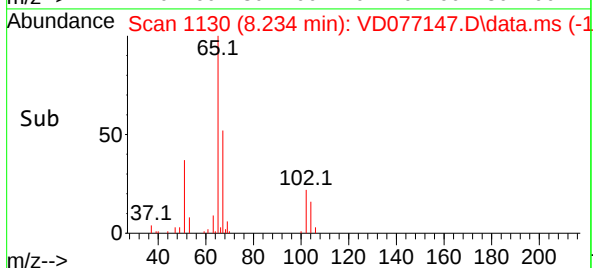
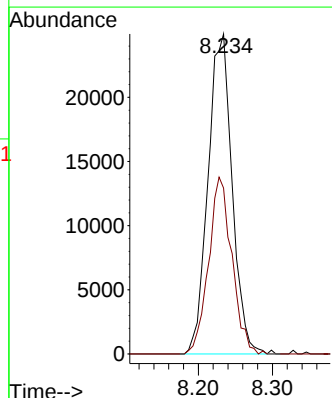
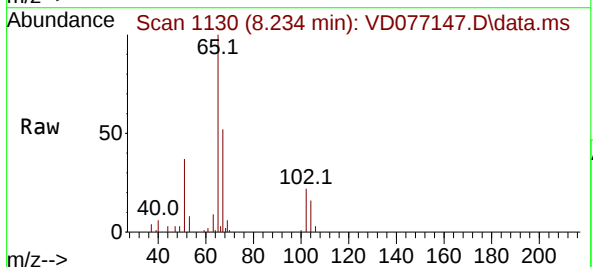
Instrument :
MSVOA_D
ClientSampleId :
TR-05-09142023RE

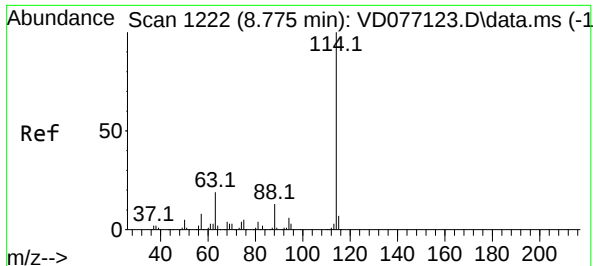
Tgt Ion:168 Resp: 61901
Ion Ratio Lower Upper
168 100
99 50.8 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 90.189 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077147.D
Acq: 19 Sep 2023 15:36

Tgt Ion: 65 Resp: 56342
Ion Ratio Lower Upper
65 100
67 53.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077147.D

Acq: 19 Sep 2023 15:36

Instrument :

MSVOA_D

ClientSampleId :

TR-05-09142023RE

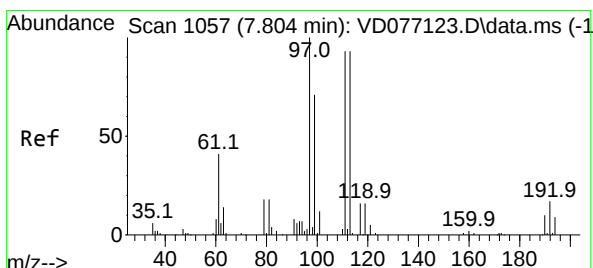
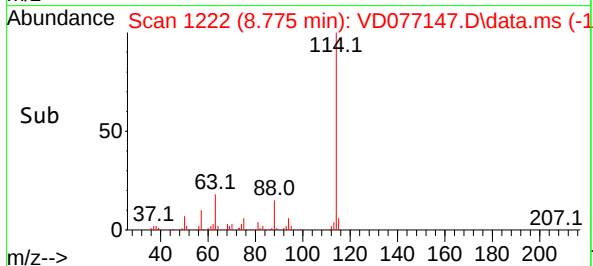
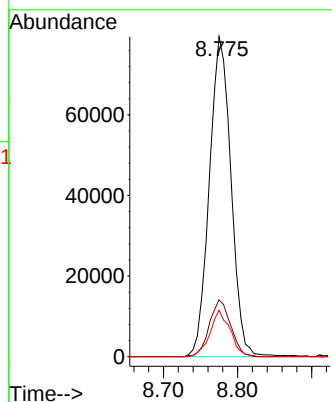
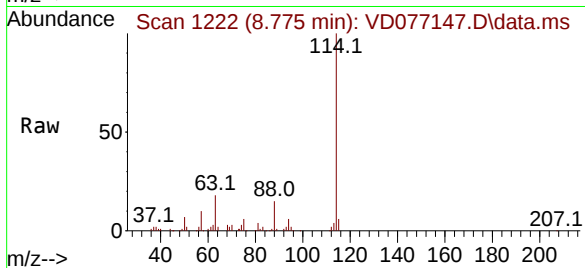
Tgt Ion:114 Resp: 161390

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 14.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 59.019 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077147.D

Acq: 19 Sep 2023 15:36

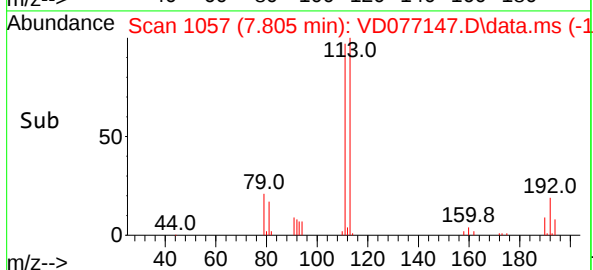
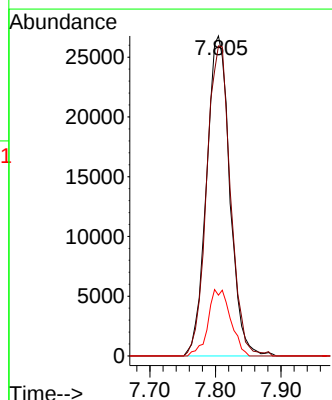
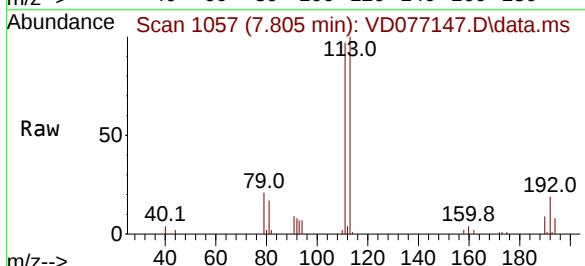
Tgt Ion:113 Resp: 66160

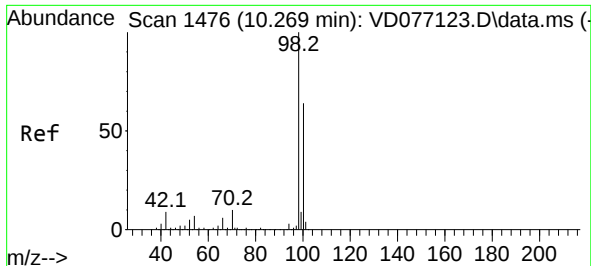
Ion Ratio Lower Upper

113 100

111 98.8 84.7 127.1

192 20.1 16.8 25.2

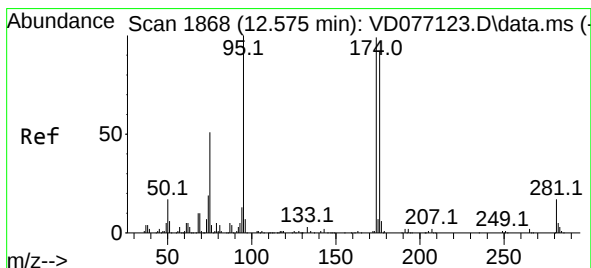
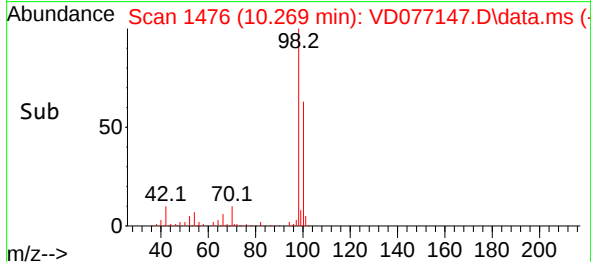
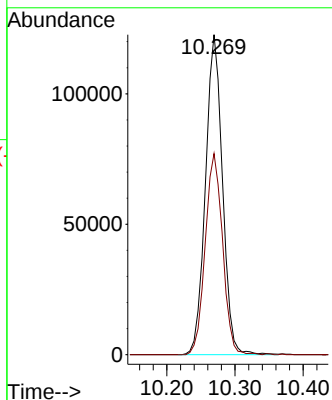
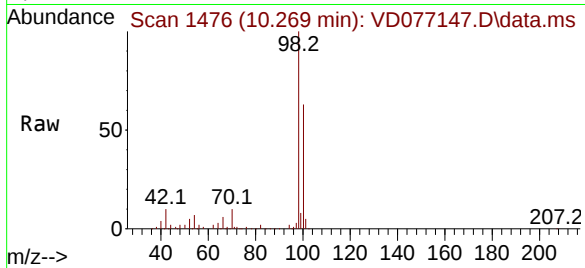




#50
Toluene-d8
Concen: 53.447 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077147.D
Acq: 19 Sep 2023 15:36

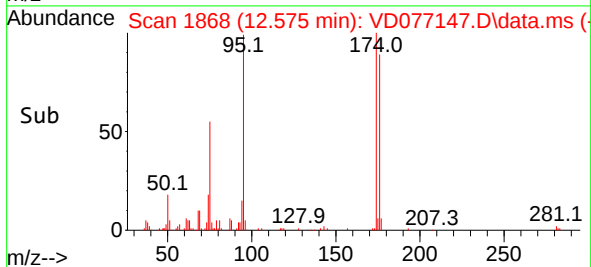
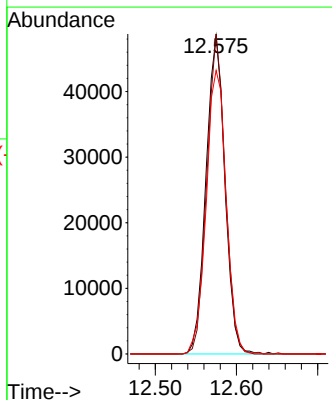
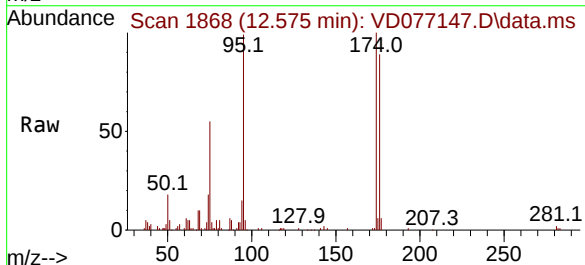
Instrument :
MSVOA_D
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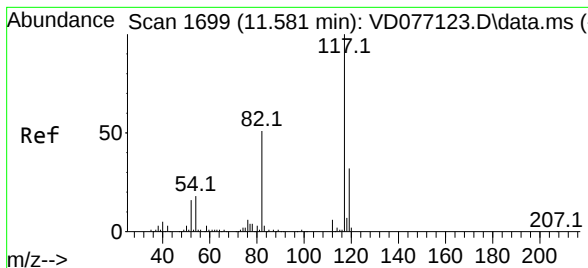
Tgt Ion: 98 Resp: 213258
Ion Ratio Lower Upper
98 100
100 64.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 63.402 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077147.D
Acq: 19 Sep 2023 15:36

Tgt Ion: 95 Resp: 78410
Ion Ratio Lower Upper
95 100
174 97.5 0.0 201.8
176 94.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077147.D

Acq: 19 Sep 2023 15:36

Instrument :

MSVOA_D

ClientSampleId :

TR-05-09142023RE

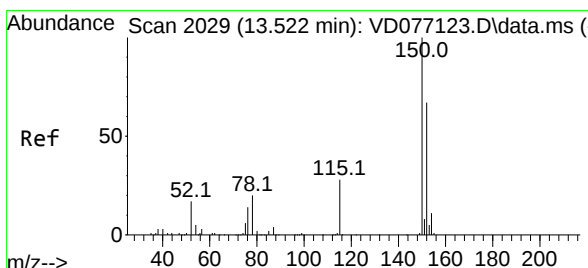
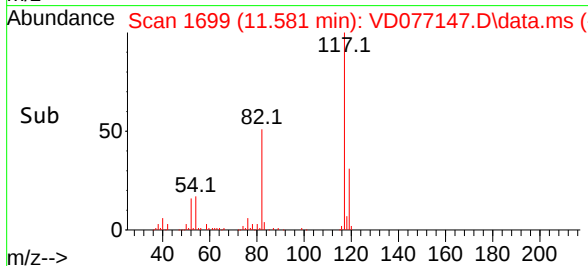
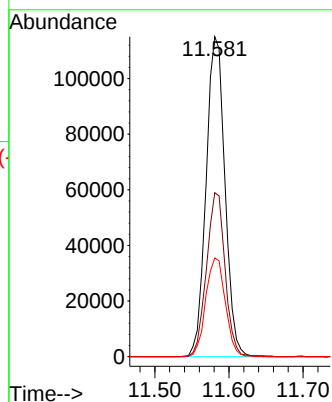
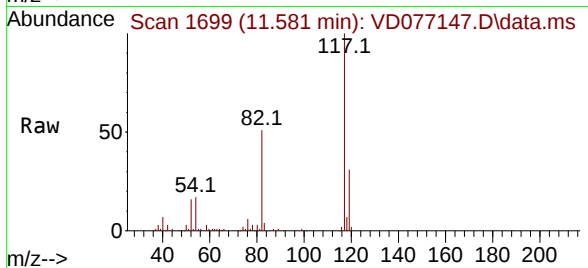
Tgt Ion:117 Resp: 203005

Ion Ratio Lower Upper

117 100

82 51.2 38.3 57.5

119 30.9 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD077147.D

Acq: 19 Sep 2023 15:36

Tgt Ion:152 Resp: 101020

Ion Ratio Lower Upper

152 100

115 56.8 27.1 81.3

150 157.7 0.0 353.6

