

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051723\
 Data File : VD076120.D
 Acq On : 17 May 2023 13:47
 Operator : KP/SY
 Sample : VD0517SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBL01

Quant Time: May 18 05:19:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	172176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	327220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	298617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	122691	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100479	60.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.760%
35) Dibromofluoromethane	7.804	113	113248	50.070	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.140%
50) Toluene-d8	10.269	98	404408	45.866	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.740%
62) 4-Bromofluorobenzene	12.575	95	99616	40.672	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.340%

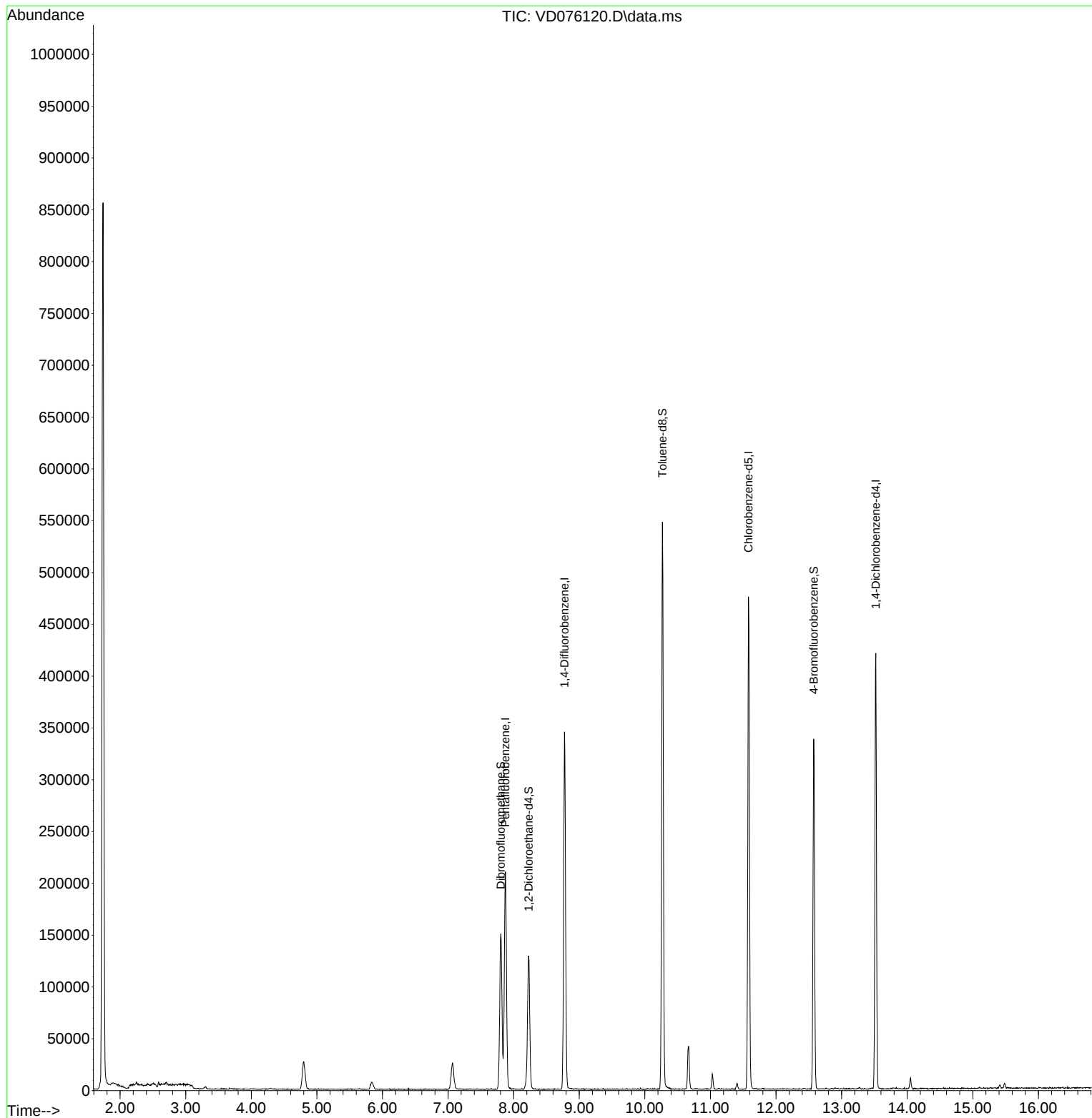
Target Compounds	Qvalue

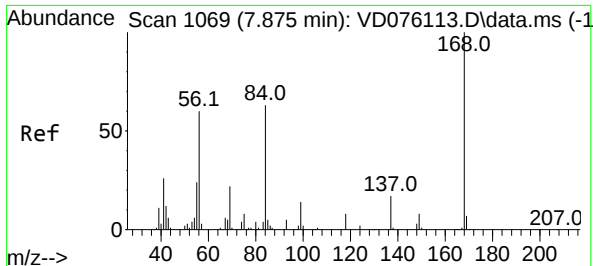
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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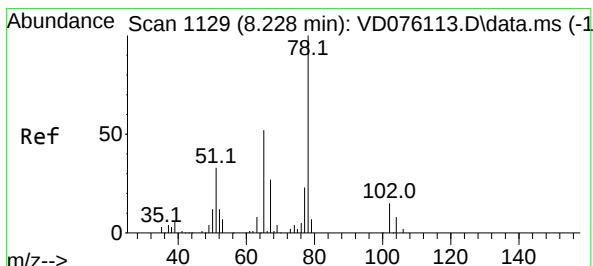
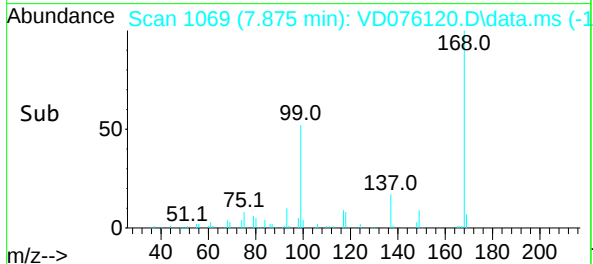
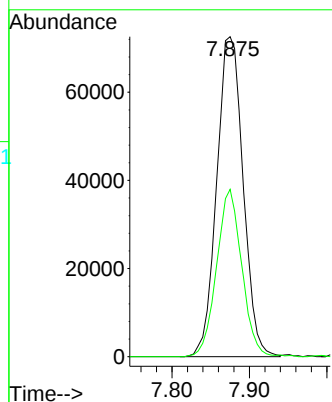
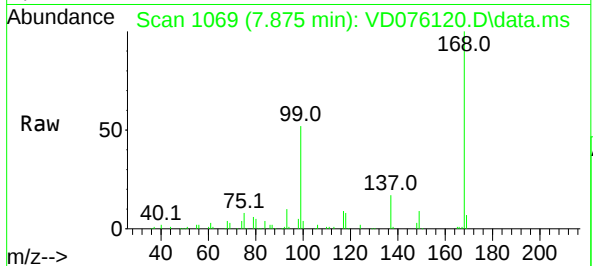




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076120.D
Acq: 17 May 2023 13:47

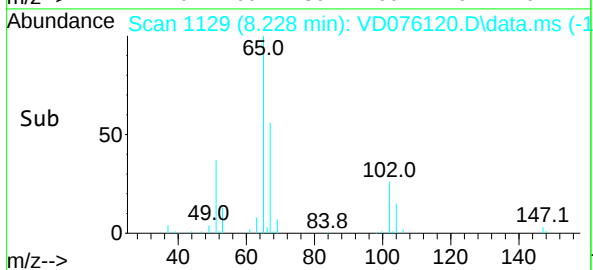
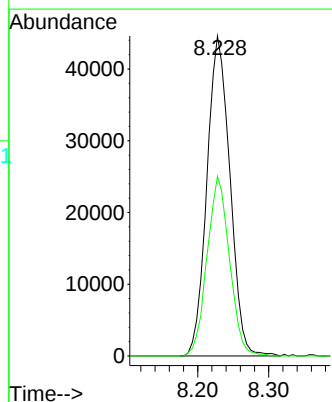
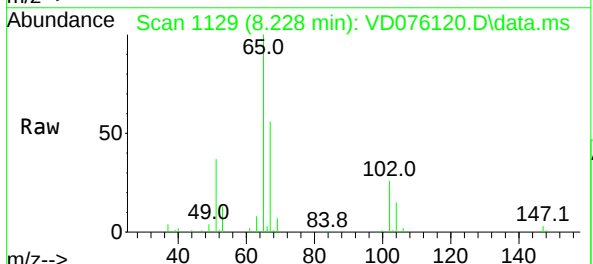
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBL01

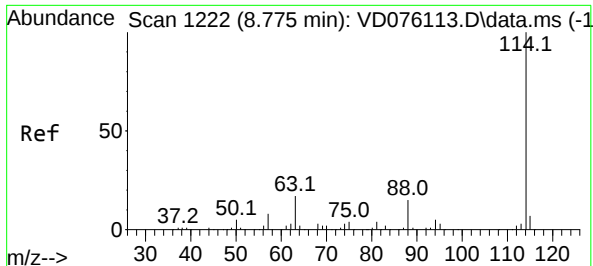
Tgt Ion:168 Resp: 172176
Ion Ratio Lower Upper
168 100
99 52.3 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 60.383 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076120.D
Acq: 17 May 2023 13:47

Tgt Ion: 65 Resp: 100479
Ion Ratio Lower Upper
65 100
67 54.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076120.D

Acq: 17 May 2023 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBL01

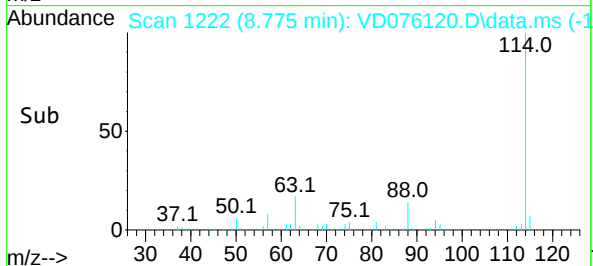
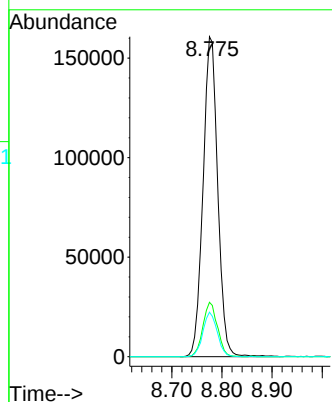
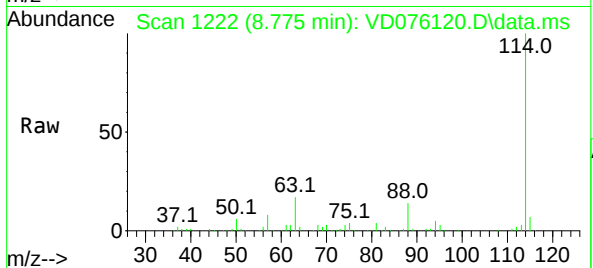
Tgt Ion:114 Resp: 327220

Ion Ratio Lower Upper

114 100

63 17.0 0.0 41.6

88 13.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.070 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076120.D

Acq: 17 May 2023 13:47

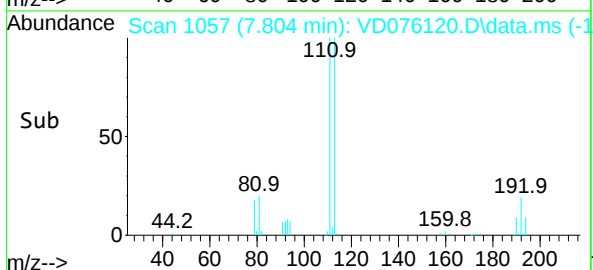
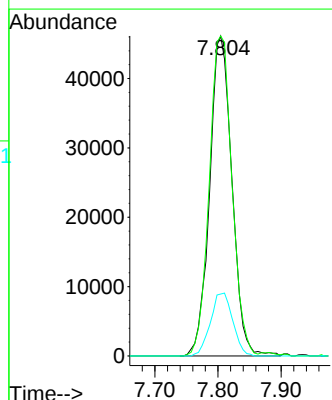
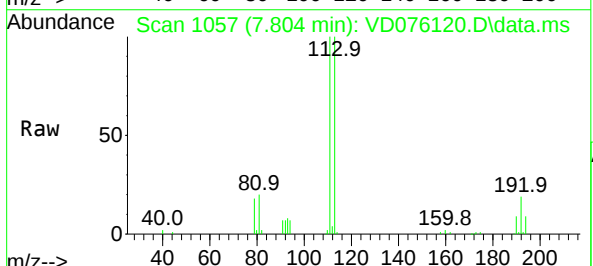
Tgt Ion:113 Resp: 113248

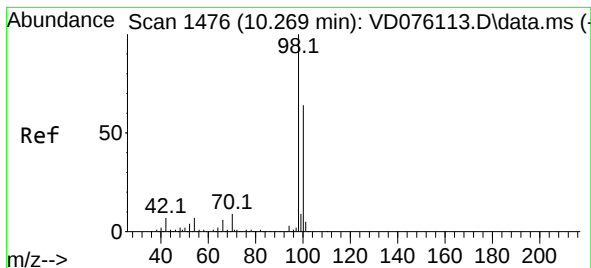
Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

192 19.6 15.2 22.8

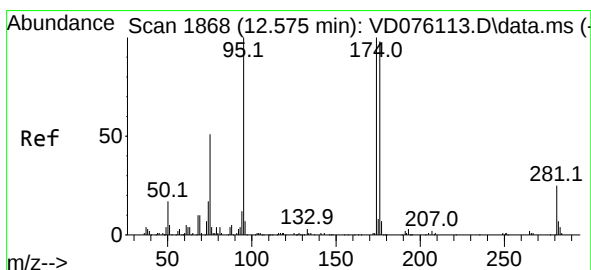
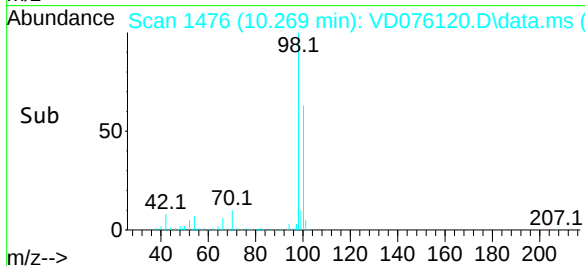
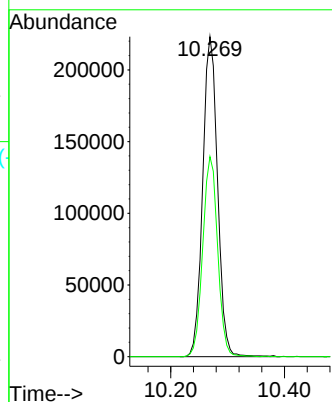
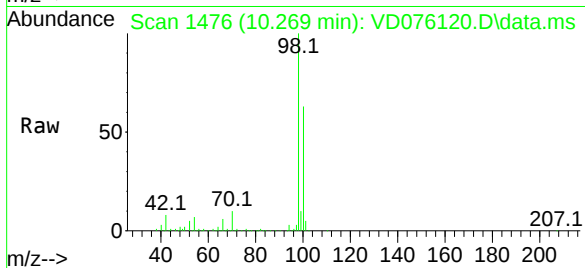




#50
Toluene-d8
Concen: 45.866 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076120.D
Acq: 17 May 2023 13:47

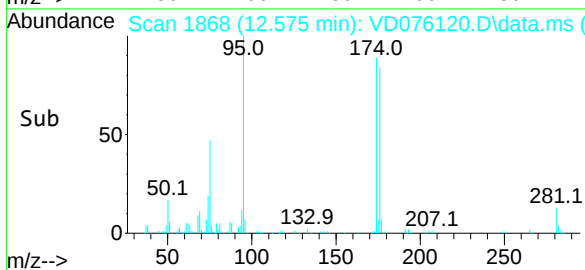
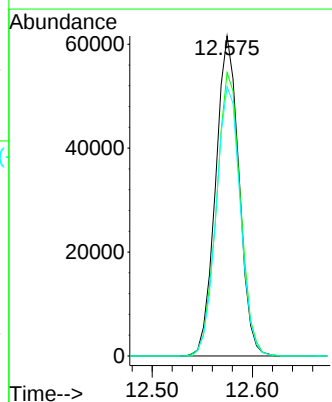
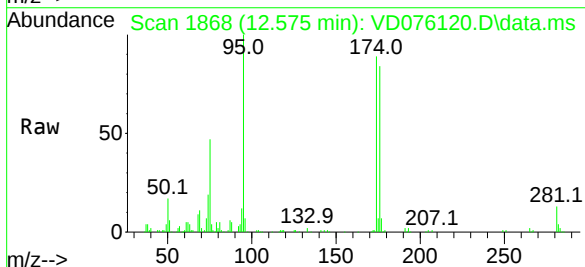
Instrument :
MSVOA_D
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VD0517SBL01

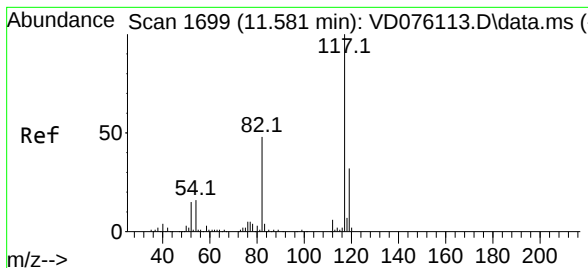
Tgt Ion: 98 Resp: 404408
Ion Ratio Lower Upper
98 100
100 62.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.672 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076120.D
Acq: 17 May 2023 13:47

Tgt Ion: 95 Resp: 99616
Ion Ratio Lower Upper
95 100
174 91.0 0.0 164.0
176 86.9 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076120.D

Acq: 17 May 2023 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBL01

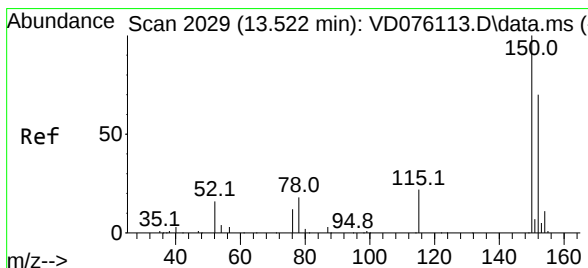
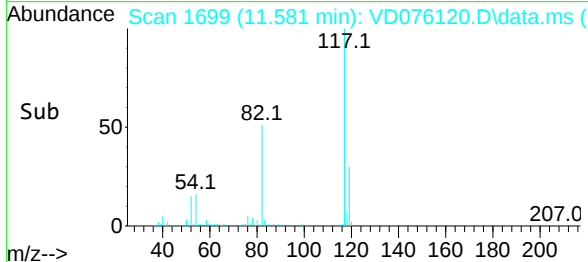
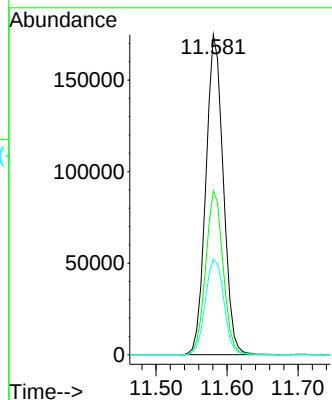
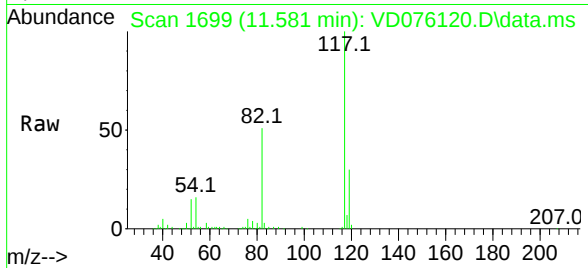
Tgt Ion:117 Resp: 298617

Ion Ratio Lower Upper

117 100

82 51.1 44.0 66.0

119 29.9 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD076120.D

Acq: 17 May 2023 13:47

Tgt Ion:152 Resp: 122691

Ion Ratio Lower Upper

152 100

115 53.3 30.1 90.3

150 154.7 0.0 364.8

