

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078051.D
 Acq On : 22 Dec 2023 04:46
 Operator : RP/MD
 Sample : 05877-19
 Misc : 3.74G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COM56

Quant Time: Dec 22 07:51:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	163388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	291102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	265533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	98974	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	79629	41.359	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.720%
35) Dibromofluoromethane	7.810	113	90520	44.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.780%
50) Toluene-d8	10.275	98	374244	45.825	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.660%
62) 4-Bromofluorobenzene	12.575	95	95928	39.288	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.580%

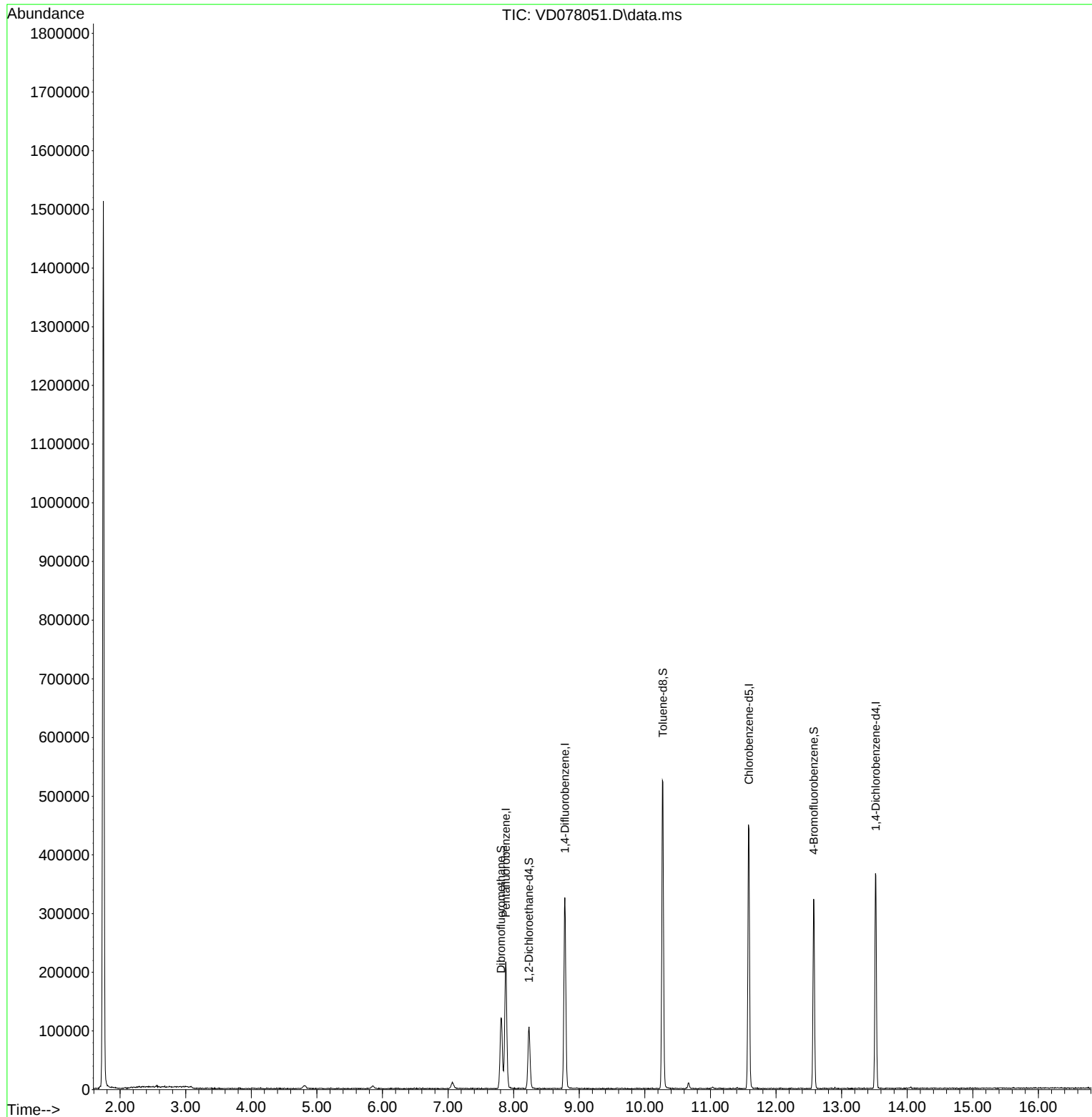
Target Compounds	Qvalue

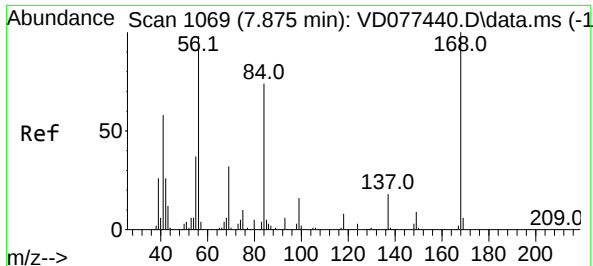
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
Data File : VD078051.D
Acq On : 22 Dec 2023 04:46
Operator : RP/MD
Sample : 05877-19
Misc : 3.74G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
COM56

Quant Time: Dec 22 07:51:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

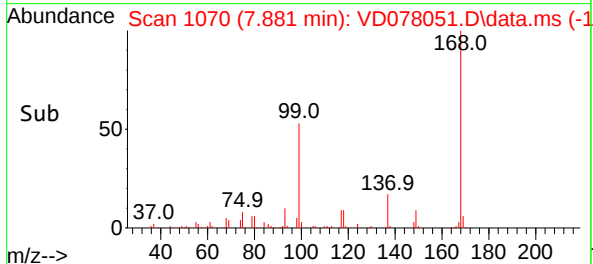
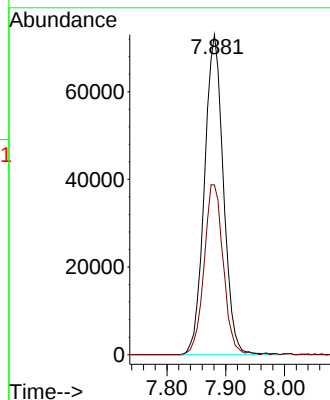
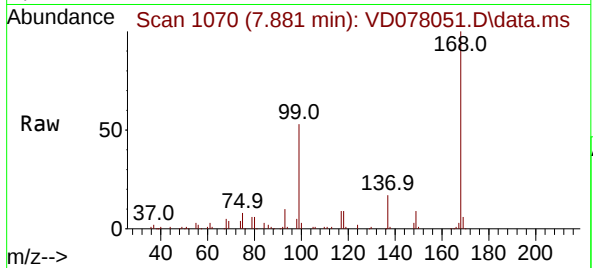




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078051.D
Acq: 22 Dec 2023 04:46

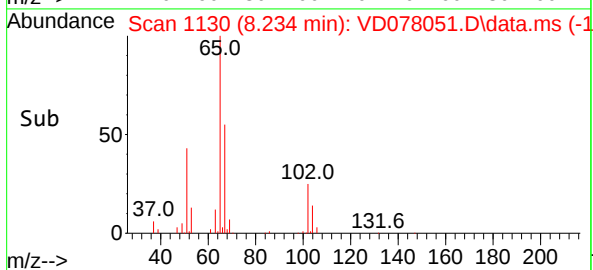
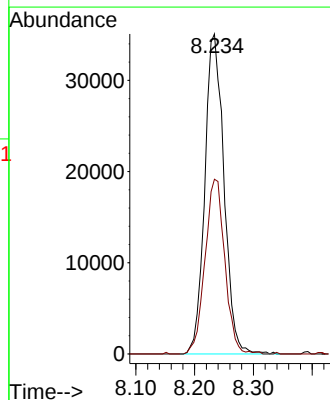
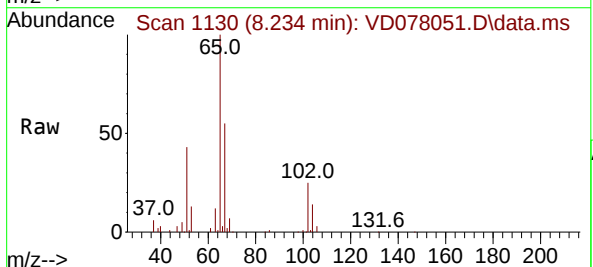
Instrument :
MSVOA_D
ClientSampleId :
COM56

Tgt Ion:168 Resp: 163388
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 41.359 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078051.D
Acq: 22 Dec 2023 04:46

Tgt Ion: 65 Resp: 79629
Ion Ratio Lower Upper
65 100
67 56.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078051.D

Acq: 22 Dec 2023 04:46

Instrument :

MSVOA_D

ClientSampleId :

COM56

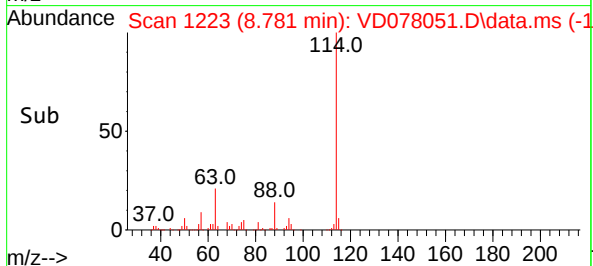
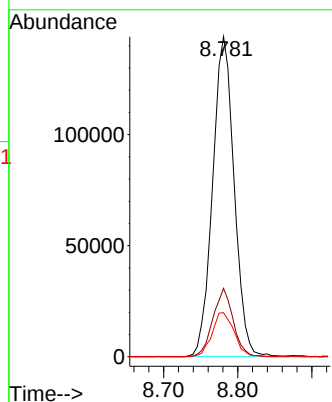
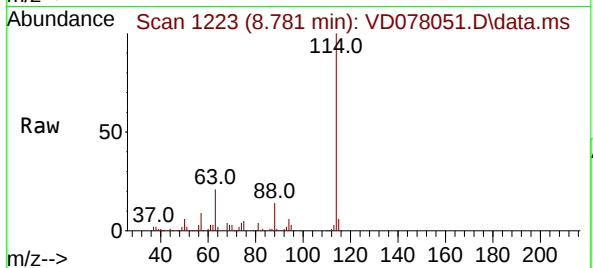
Tgt Ion:114 Resp: 291102

Ion Ratio Lower Upper

114 100

63 21.4 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 44.393 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078051.D

Acq: 22 Dec 2023 04:46

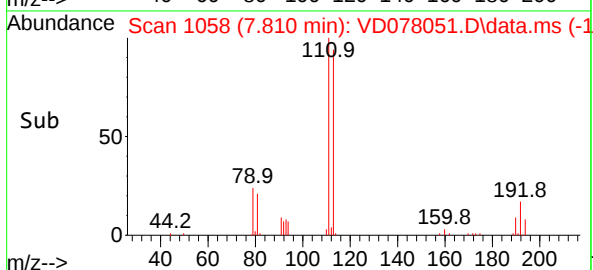
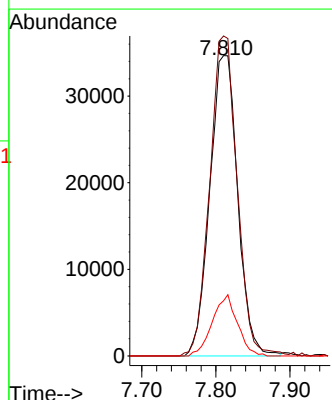
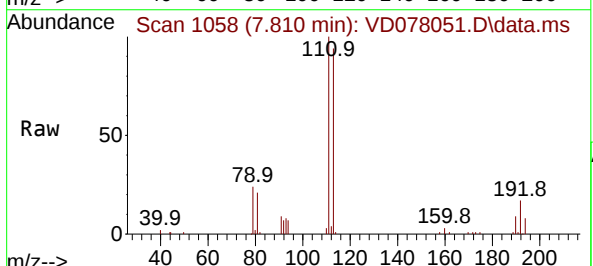
Tgt Ion:113 Resp: 90520

Ion Ratio Lower Upper

113 100

111 104.6 84.7 127.1

192 18.3 16.8 25.2

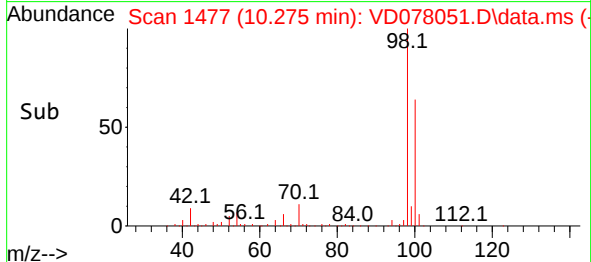
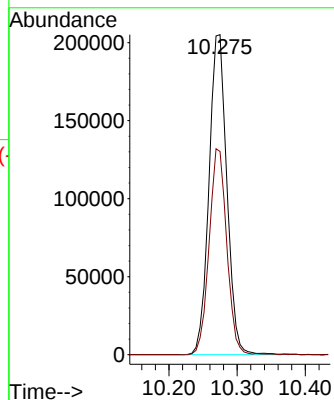
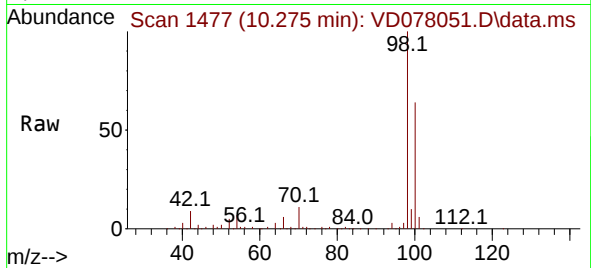




#50
Toluene-d8
Concen: 45.825 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD078051.D
Acq: 22 Dec 2023 04:46

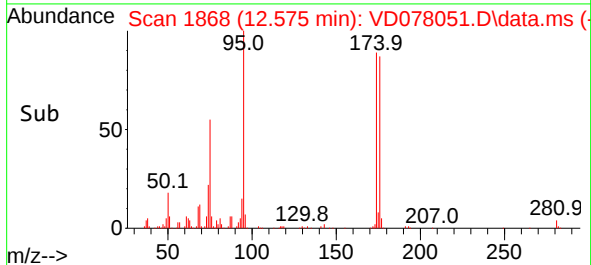
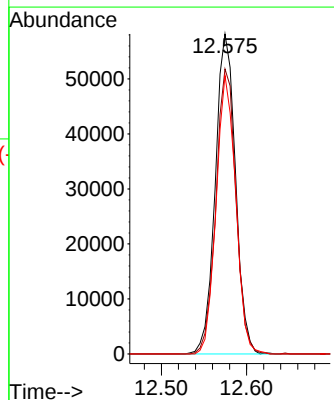
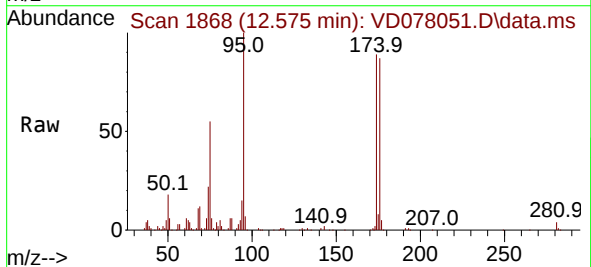
Instrument :
MSVOA_D
ClientSampleId :
COM56

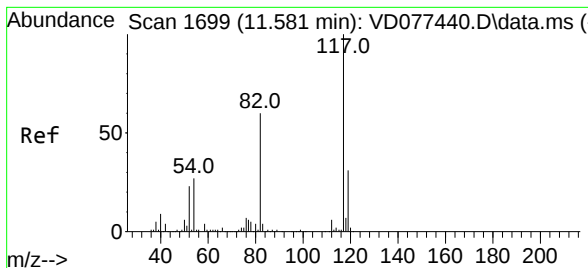
Tgt Ion: 98 Resp: 374244
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 39.288 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078051.D
Acq: 22 Dec 2023 04:46

Tgt Ion: 95 Resp: 95928
Ion Ratio Lower Upper
95 100
174 88.1 0.0 201.8
176 84.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.586 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD078051.D

Acq: 22 Dec 2023 04:46

Instrument :

MSVOA_D

ClientSampleId :

COM56

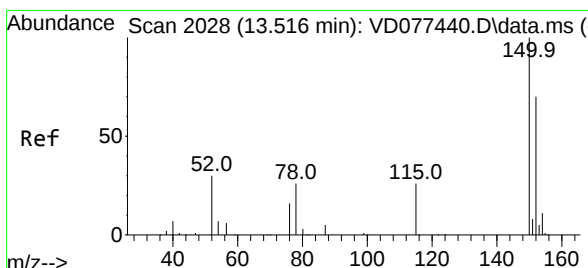
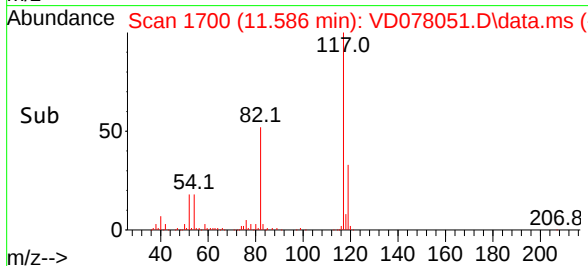
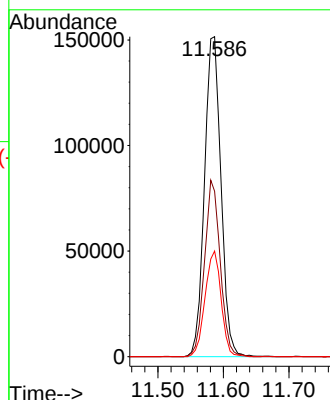
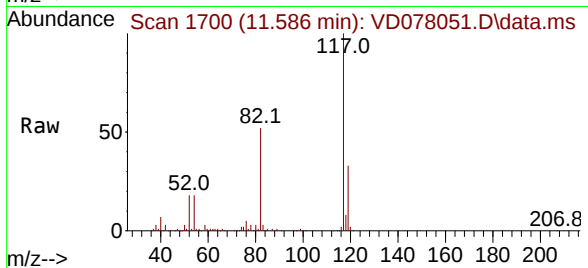
Tgt Ion:117 Resp: 265533

Ion Ratio Lower Upper

117 100

82 51.7 38.3 57.5

119 33.0 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078051.D

Acq: 22 Dec 2023 04:46

Tgt Ion:152 Resp: 98974

Ion Ratio Lower Upper

152 100

115 57.0 27.1 81.3

150 156.9 0.0 353.6

