

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074911.D
 Acq On : 12 Nov 2022 02:46
 Operator : VA/SY
 Sample : N5607-03
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-36

Quant Time: Nov 14 00:59:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	72825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	114927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	105298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	33983	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54676	121.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	242.920%#
35) Dibromofluoromethane	7.805	113	57839	81.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	163.280%#
50) Toluene-d8	10.269	98	140753	60.314	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.620%
62) 4-Bromofluorobenzene	12.575	95	33872	47.269	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.540%

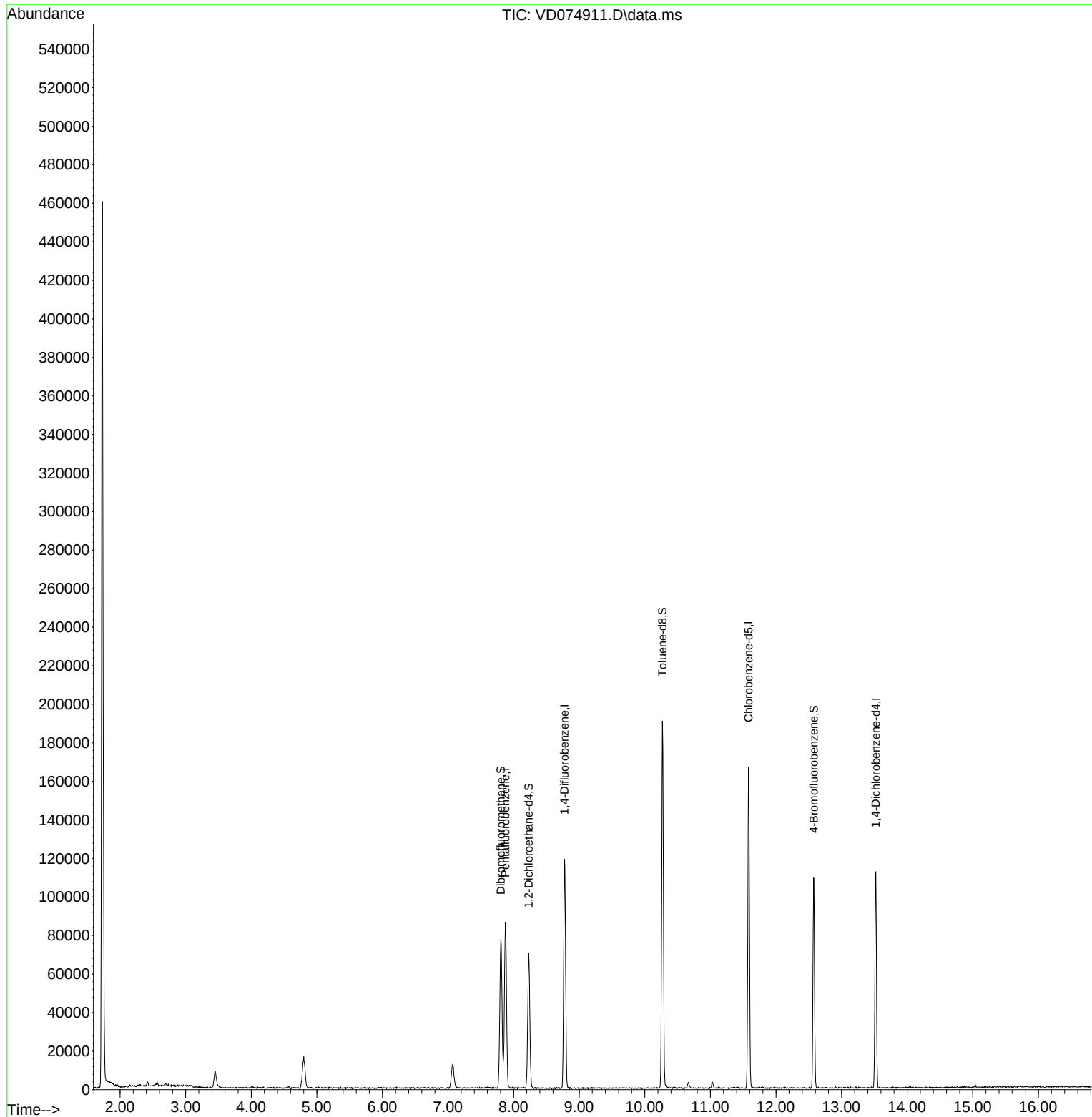
Target Compounds	Qvalue

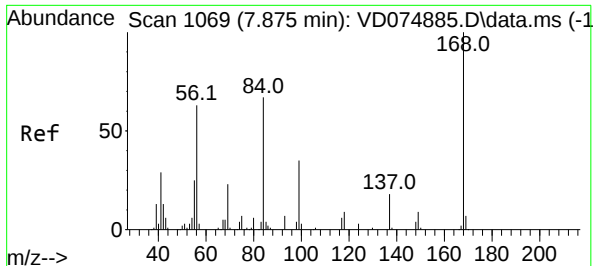
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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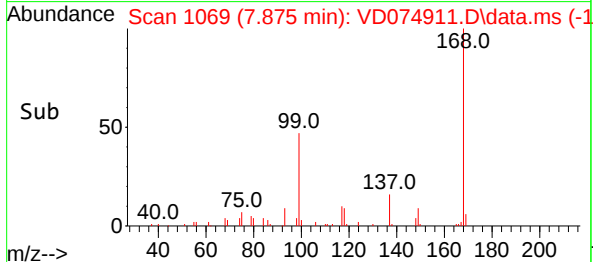
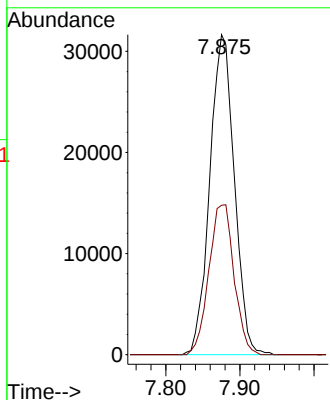
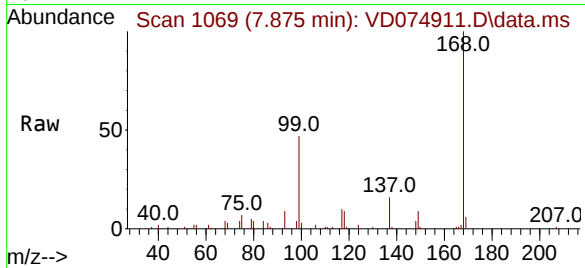




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

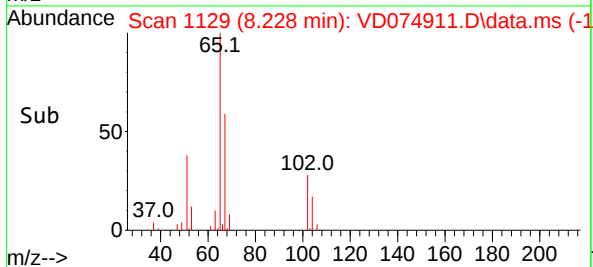
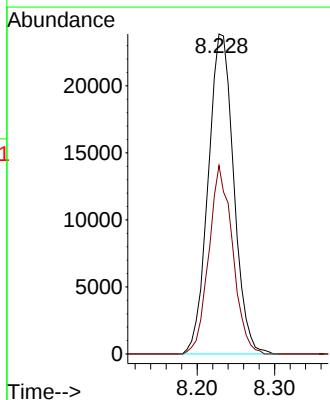
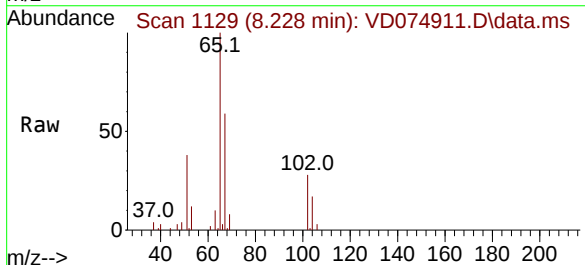
Instrument :
MSVOA_D
ClientSampleId :
SB-36

Tgt Ion:168 Resp: 72825
Ion Ratio Lower Upper
168 100
99 46.7 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 121.459 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

Tgt Ion: 65 Resp: 54676
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074911.D

Acq: 12 Nov 2022 02:46

Instrument :

MSVOA_D

ClientSampleId :

SB-36

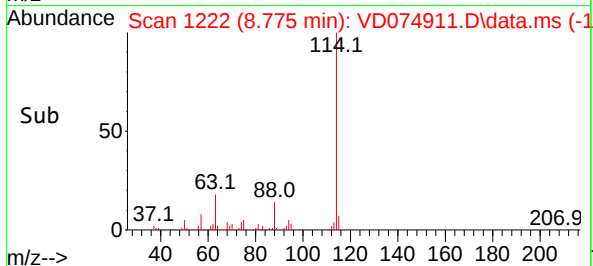
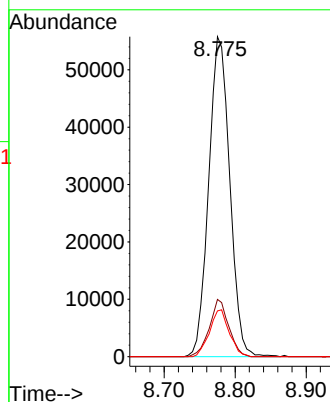
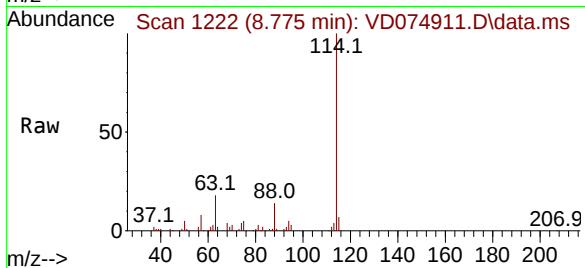
Tgt Ion:114 Resp: 114927

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.2

88 14.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 81.642 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074911.D

Acq: 12 Nov 2022 02:46

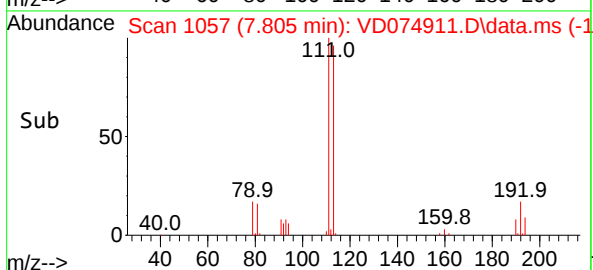
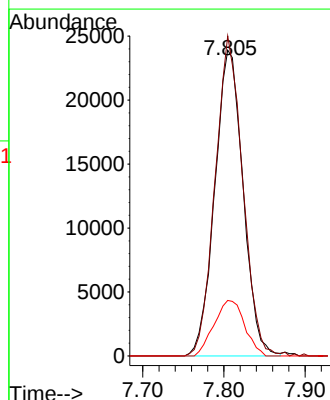
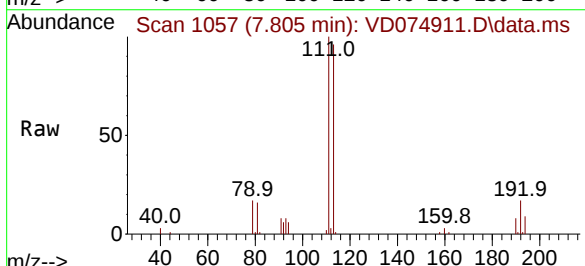
Tgt Ion:113 Resp: 57839

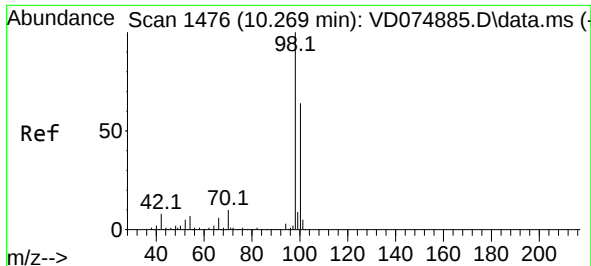
Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

192 19.6 16.4 24.6

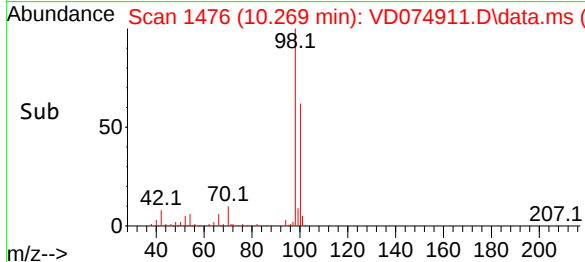
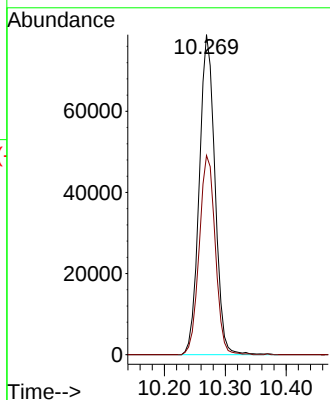
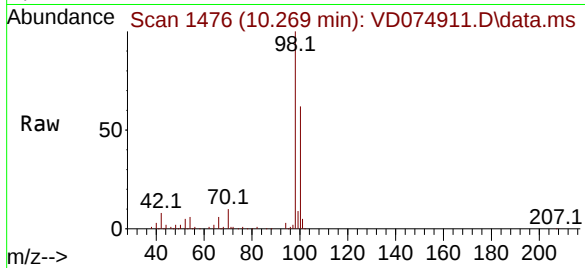




#50
Toluene-d8
Concen: 60.314 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

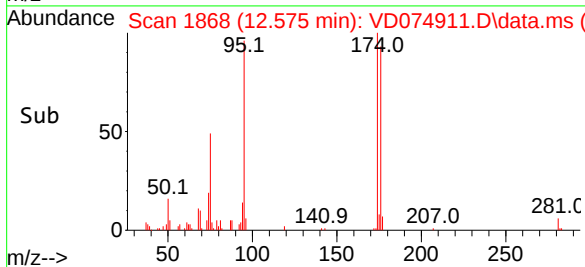
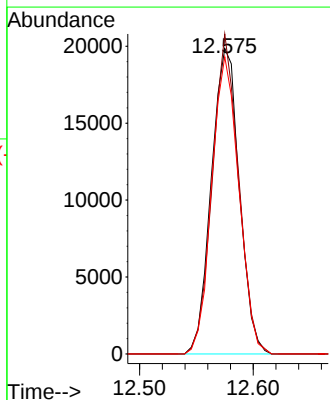
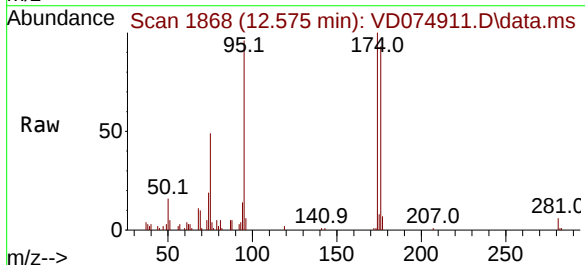
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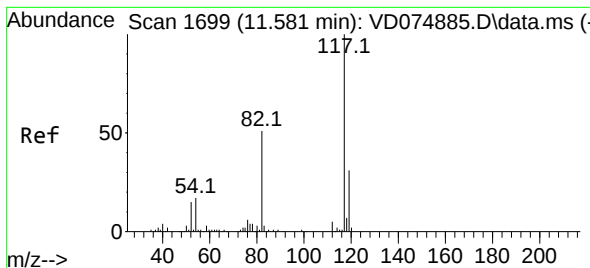
Tgt Ion: 98 Resp: 140753
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.269 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

Tgt Ion: 95 Resp: 33872
Ion Ratio Lower Upper
95 100
174 98.4 0.0 197.0
176 94.7 0.0 182.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074911.D

Acq: 12 Nov 2022 02:46

Instrument :

MSVOA_D

ClientSampleId :

SB-36

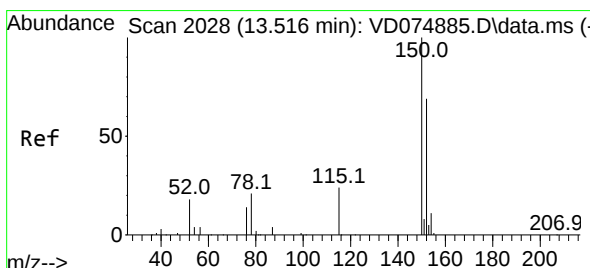
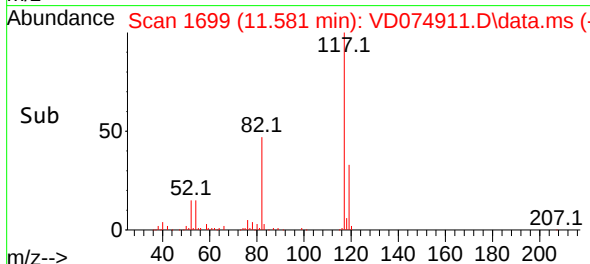
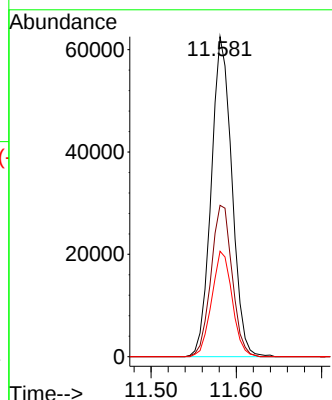
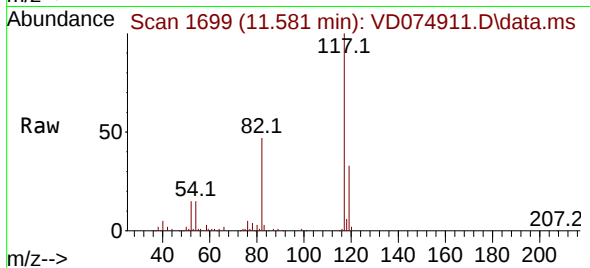
Tgt Ion:117 Resp: 105298

Ion Ratio Lower Upper

117 100

82 47.3 41.6 62.4

119 33.0 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD074911.D

Acq: 12 Nov 2022 02:46

Tgt Ion:152 Resp: 33983

Ion Ratio Lower Upper

152 100

115 51.7 26.8 80.4

150 155.0 0.0 348.2

