

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
 Data File : VD077515.D
 Acq On : 08 Nov 2023 10:58
 Operator : JC/SY
 Sample : VD1108SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBL01

Quant Time: Nov 09 01:35:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	221847	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	393585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	345990	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	155256	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	139939	44.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.220%
35) Dibromofluoromethane	7.810	113	123886	45.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.080%
50) Toluene-d8	10.269	98	509572	48.226	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.575	95	151947	42.696	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.400%

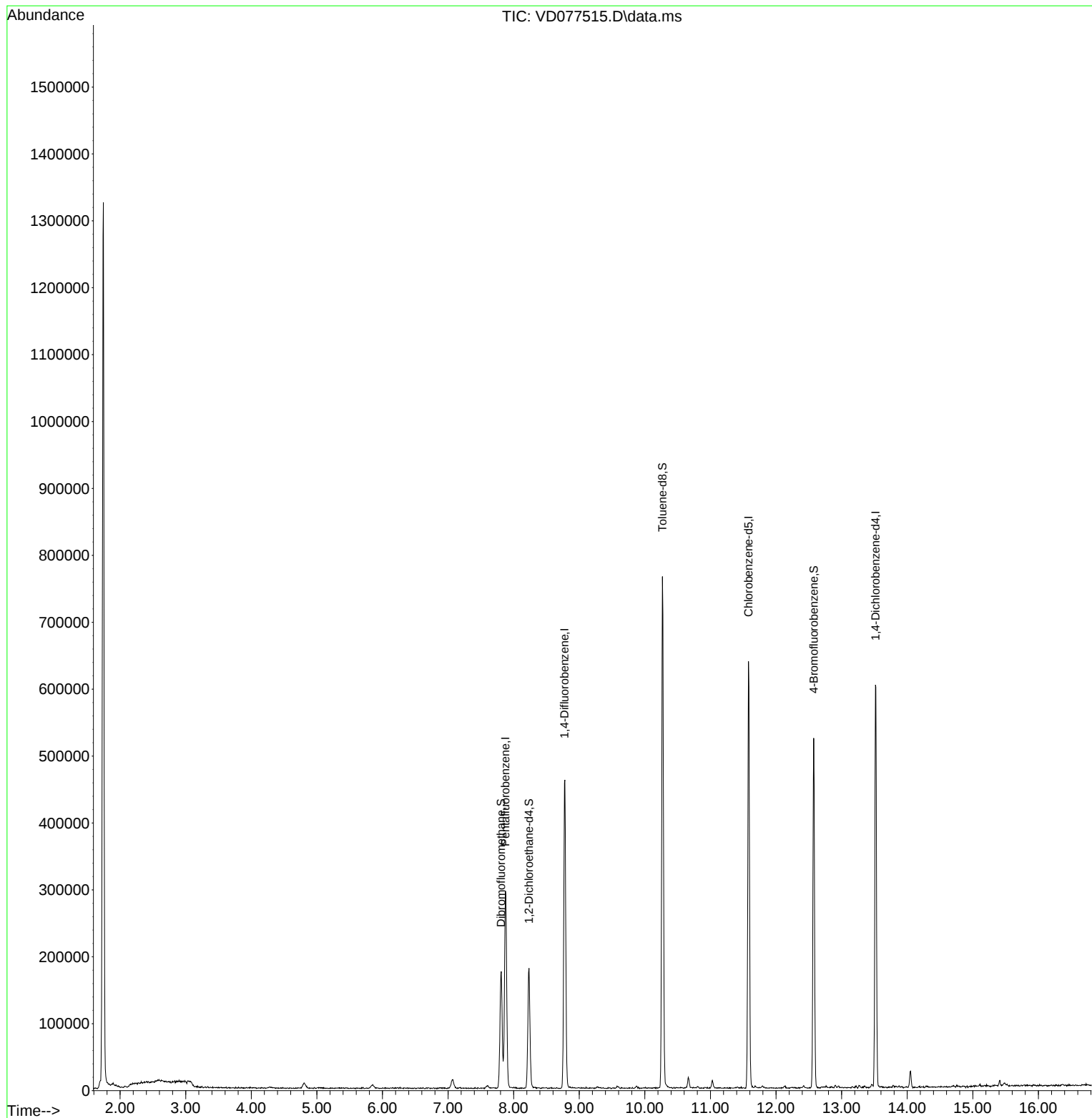
Target Compounds	Qvalue

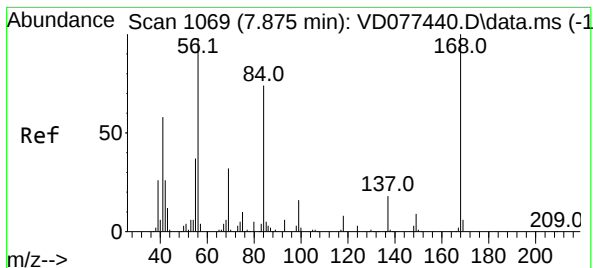
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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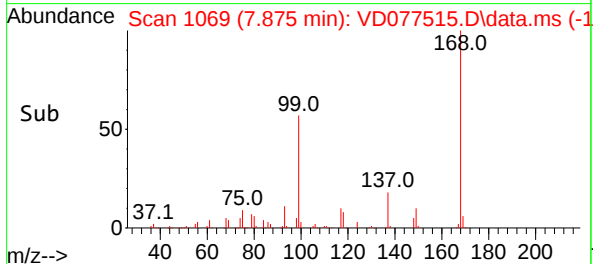
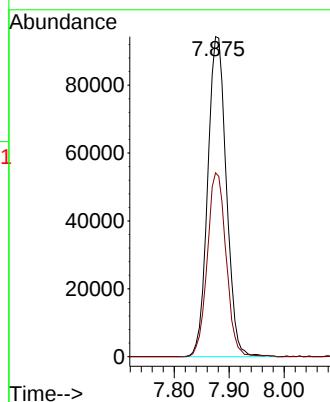
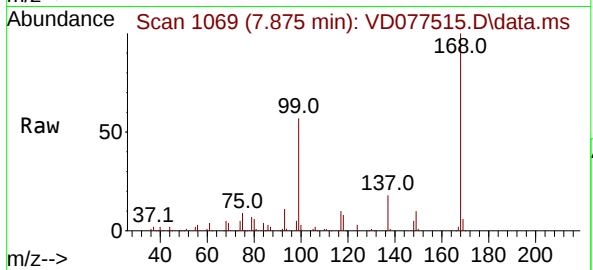




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD077515.D
Acq: 08 Nov 2023 10:58

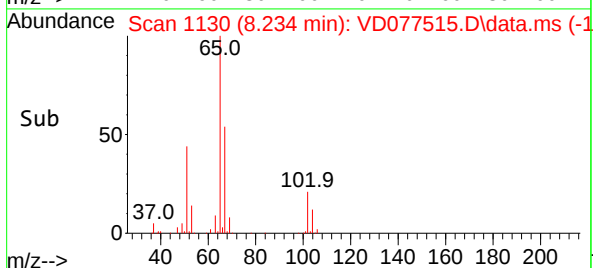
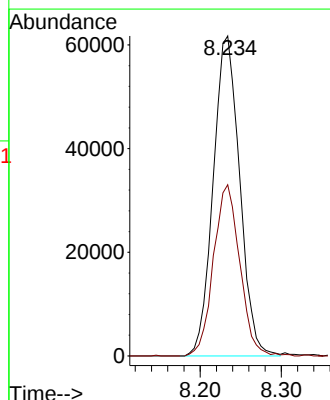
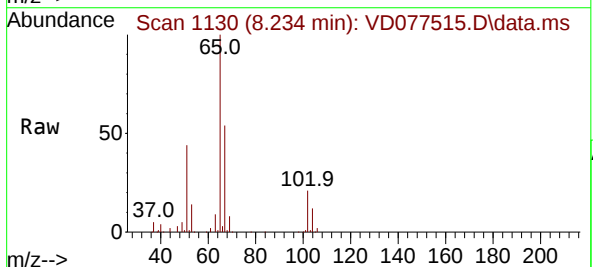
Instrument :
MSVOA_D
ClientSampleId :
VD1108SBL01

Tgt Ion:168 Resp: 221847
Ion Ratio Lower Upper
168 100
99 57.4 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 44.609 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077515.D
Acq: 08 Nov 2023 10:58

Tgt Ion: 65 Resp: 139939
Ion Ratio Lower Upper
65 100
67 53.2 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: VD077515.D

Acq: 08 Nov 2023 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD1108SBL01

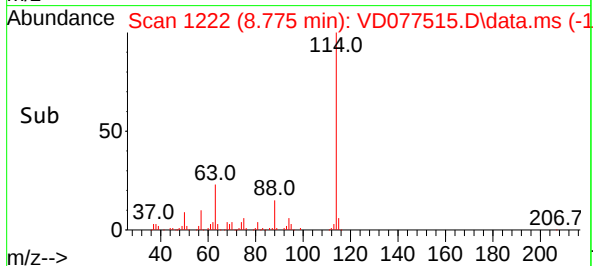
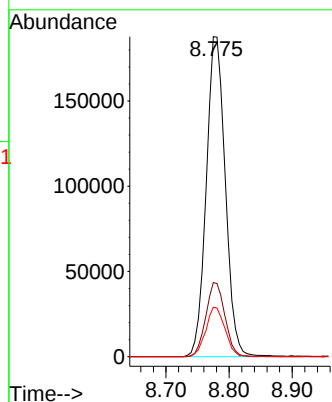
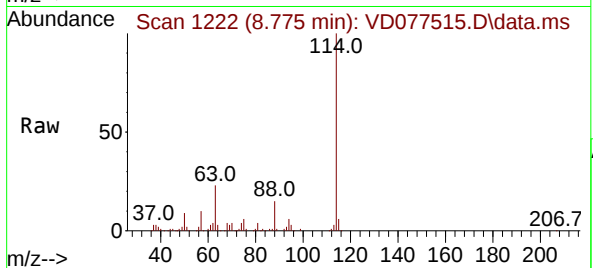
Tgt Ion:114 Resp: 393585

Ion Ratio Lower Upper

114 100

63 23.1 0.0 33.4

88 15.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 45.541 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077515.D

Acq: 08 Nov 2023 10:58

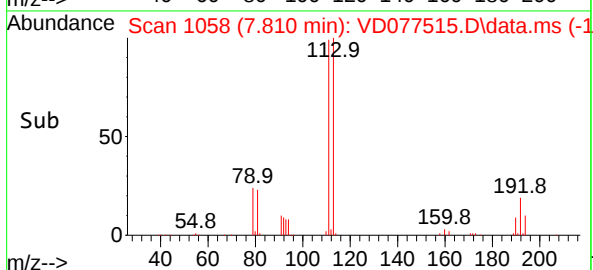
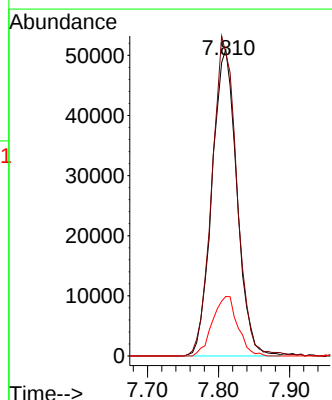
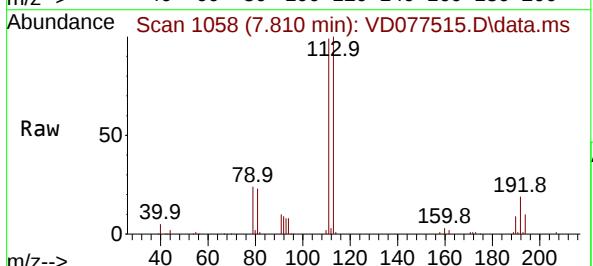
Tgt Ion:113 Resp: 123886

Ion Ratio Lower Upper

113 100

111 104.2 84.7 127.1

192 19.5 16.8 25.2

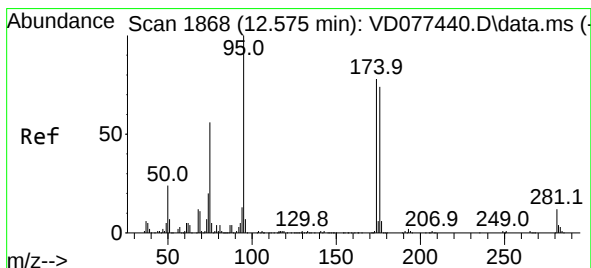
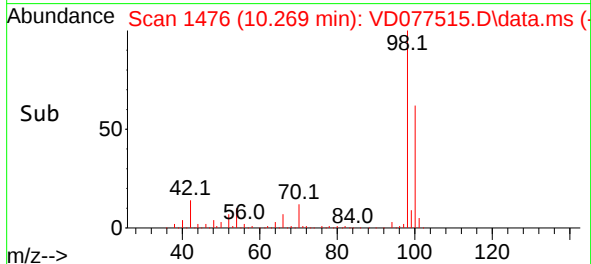
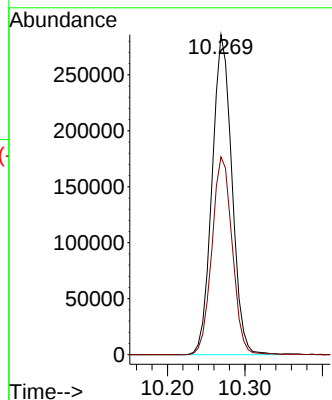
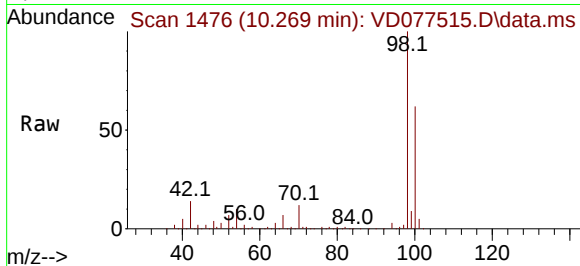




#50
Toluene-d8
Concen: 48.226 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077515.D
Acq: 08 Nov 2023 10:58

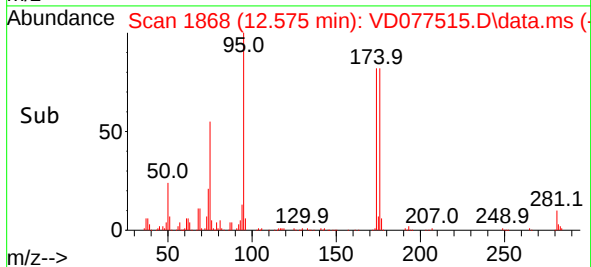
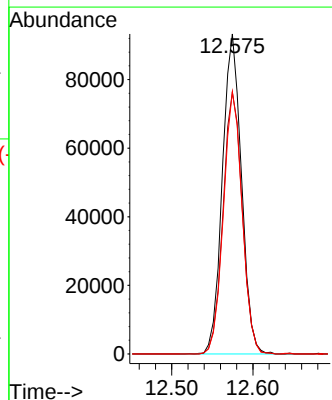
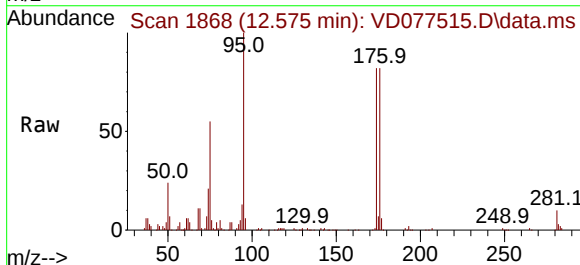
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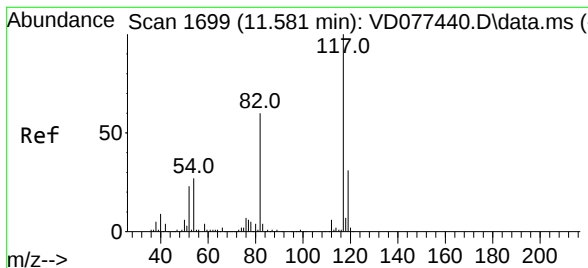
Tgt Ion: 98 Resp: 509572
Ion Ratio Lower Upper
98 100
100 63.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 42.696 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077515.D
Acq: 08 Nov 2023 10:58

Tgt Ion: 95 Resp: 151947
Ion Ratio Lower Upper
95 100
174 82.5 0.0 201.8
176 80.7 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: VD077515.D

Acq: 08 Nov 2023 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD1108SBL01

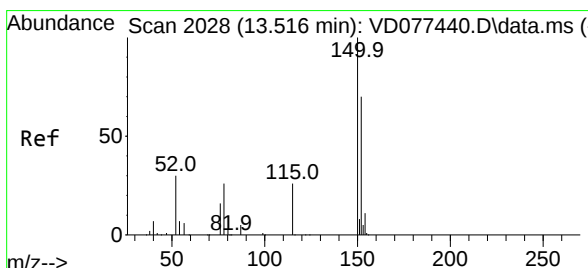
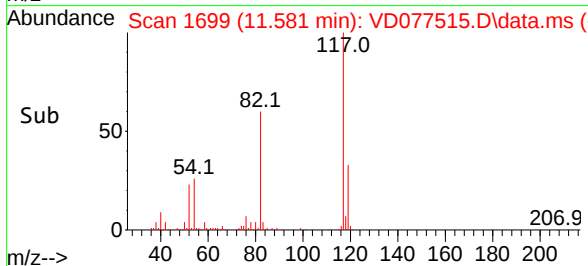
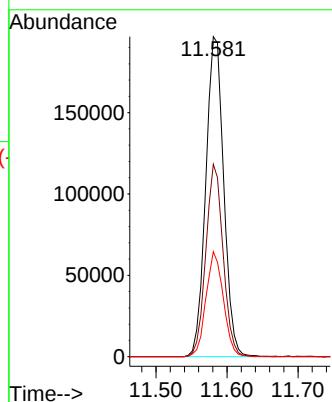
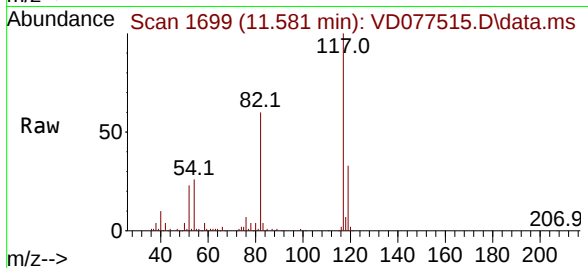
Tgt Ion:117 Resp: 345990

Ion Ratio Lower Upper

117 100

82 60.2 38.3 57.5#

119 32.8 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD077515.D

Acq: 08 Nov 2023 10:58

Tgt Ion:152 Resp: 155256

Ion Ratio Lower Upper

152 100

115 59.3 27.1 81.3

150 156.9 0.0 353.6

