

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073549.D
 Acq On : 21 Jul 2022 12:09
 Operator : JC\MD
 Sample : VN0721WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBL01

Quant Time: Jul 21 15:48:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	295135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	474830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	430870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	203788	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	190907	44.808	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.620%
35) Dibromofluoromethane	7.951	113	166520	52.711	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.420%
50) Toluene-d8	10.380	98	521519	46.481	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.960%
62) 4-Bromofluorobenzene	12.674	95	208794	48.423	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.840%

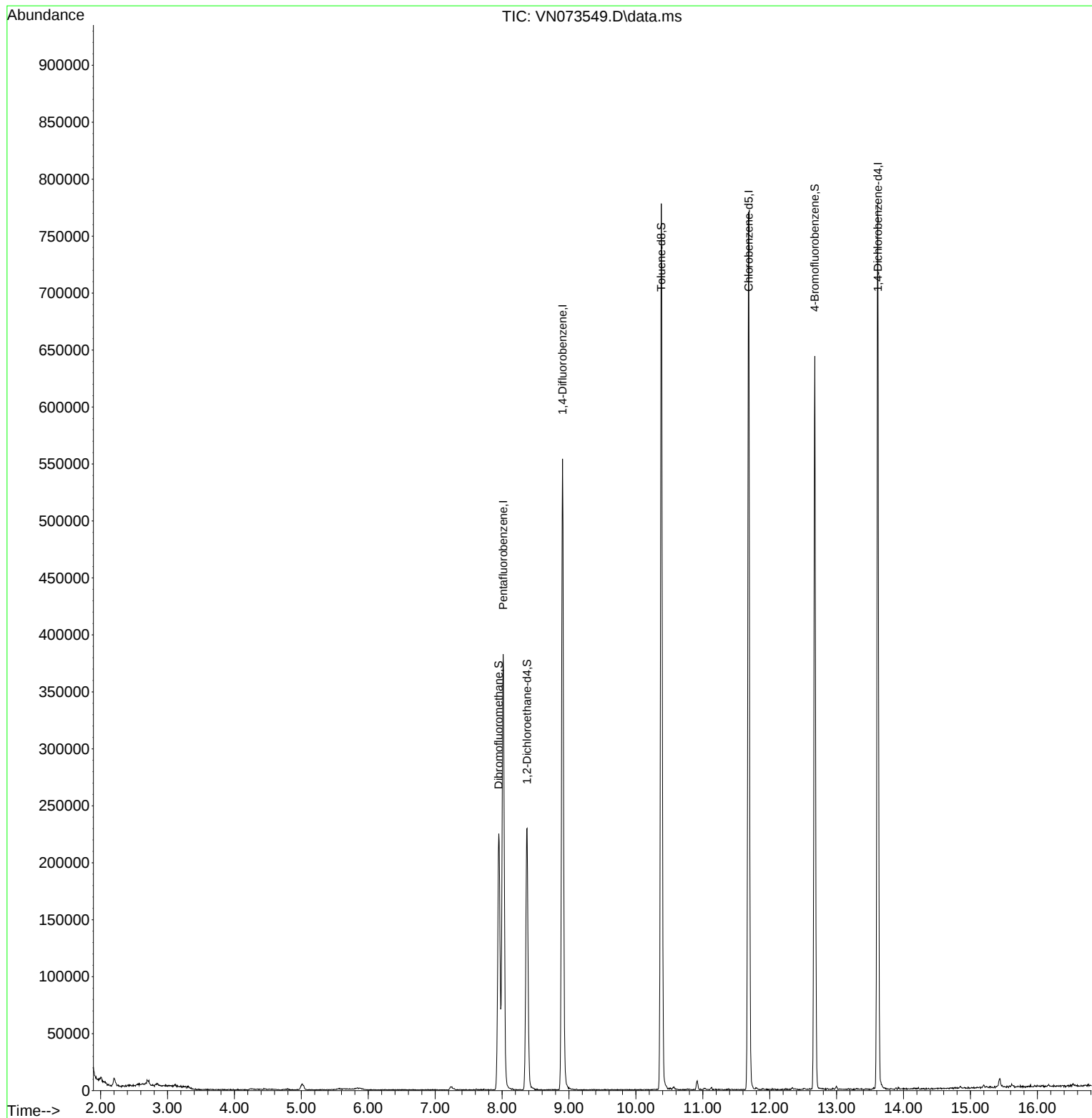
Target Compounds	Qvalue

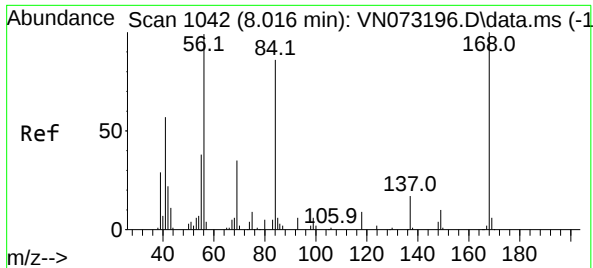
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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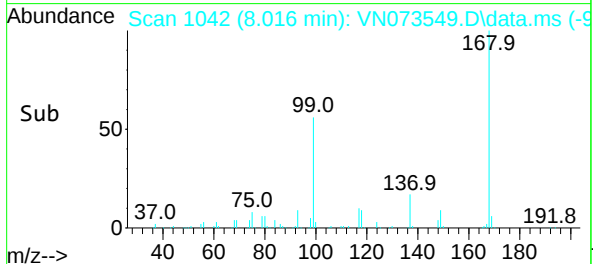
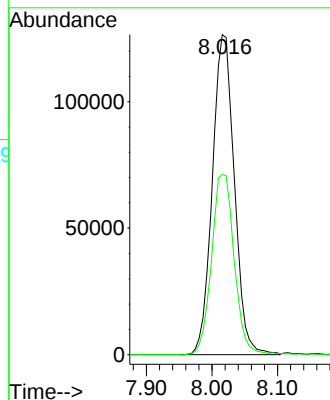
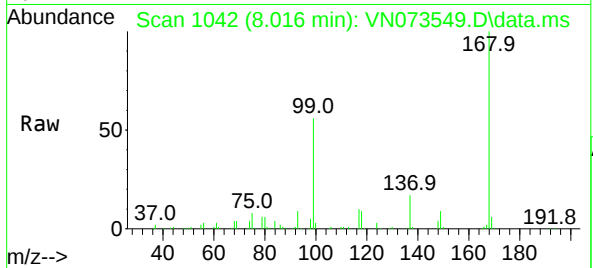




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN073549.D
Acq: 21 Jul 2022 12:09

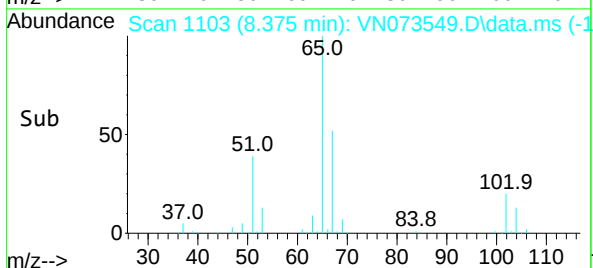
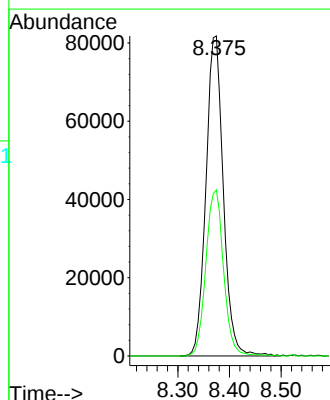
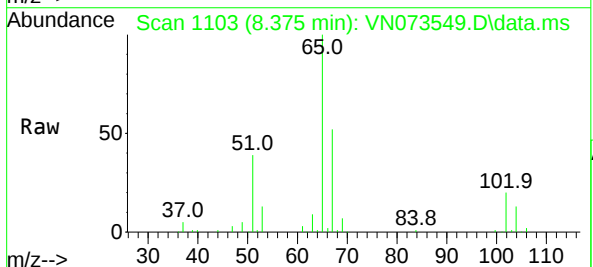
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBL01

Tgt Ion:168 Resp: 295135
Ion Ratio Lower Upper
168 100
99 56.3 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.808 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073549.D
Acq: 21 Jul 2022 12:09

Tgt Ion: 65 Resp: 190907
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073549.D

Acq: 21 Jul 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBL01

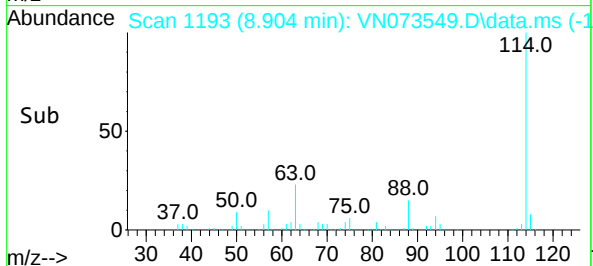
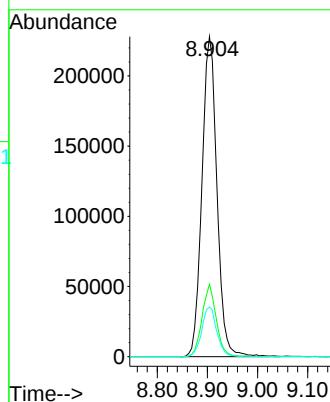
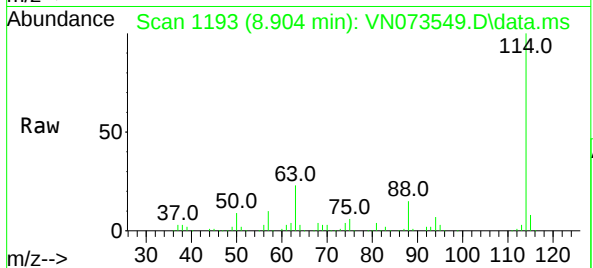
Tgt Ion:114 Resp: 474830

Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.711 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073549.D

Acq: 21 Jul 2022 12:09

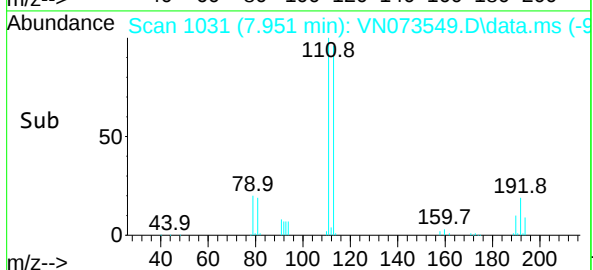
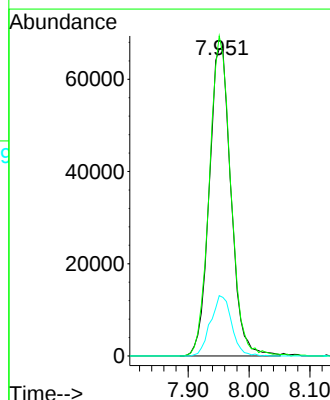
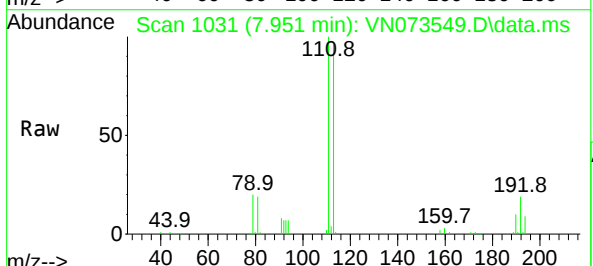
Tgt Ion:113 Resp: 166520

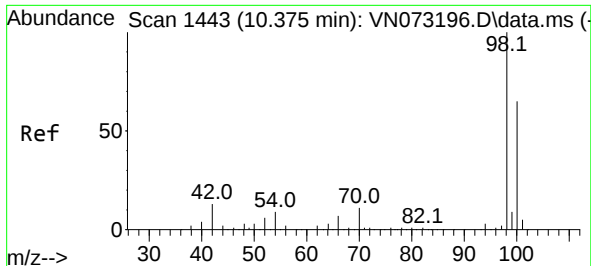
Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 18.9 17.0 25.6

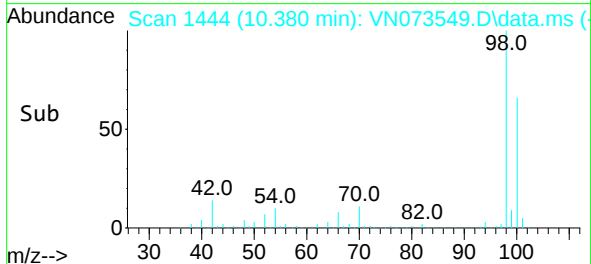
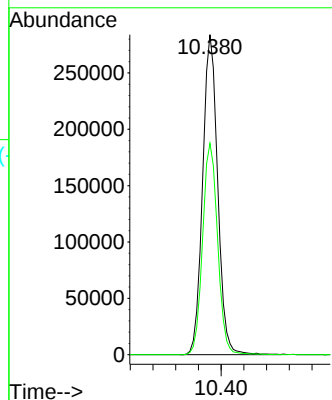
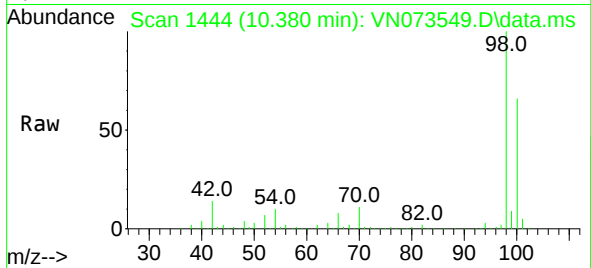




#50
Toluene-d8
Concen: 46.481 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073549.D
Acq: 21 Jul 2022 12:09

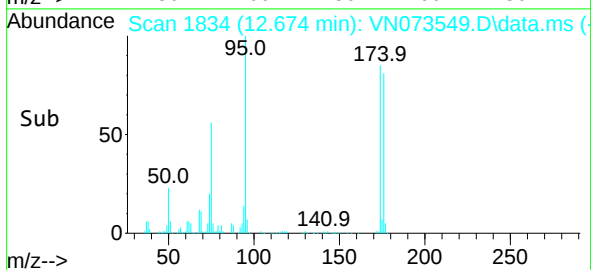
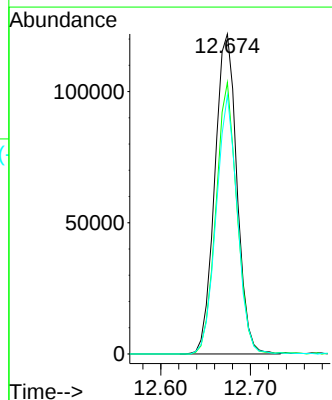
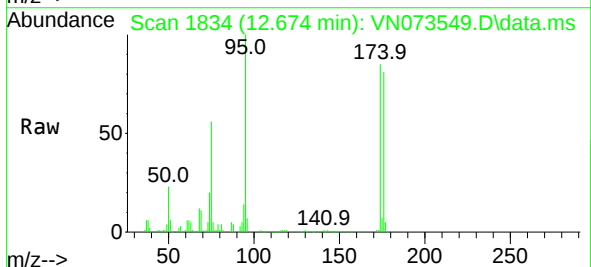
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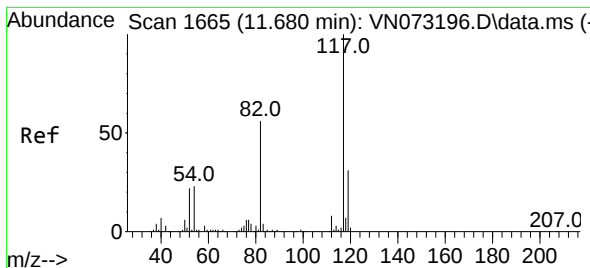
Tgt Ion: 98 Resp: 521519
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.423 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073549.D
Acq: 21 Jul 2022 12:09

Tgt Ion: 95 Resp: 208794
Ion Ratio Lower Upper
95 100
174 80.2 0.0 167.6
176 77.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073549.D

Acq: 21 Jul 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBL01

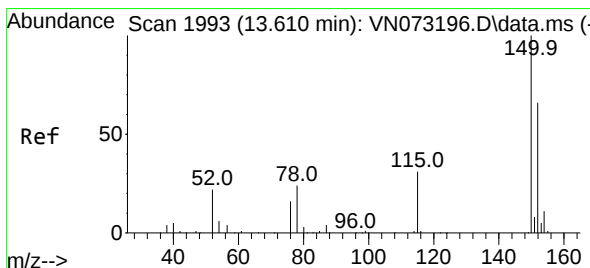
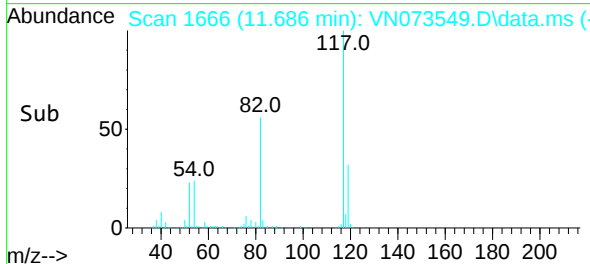
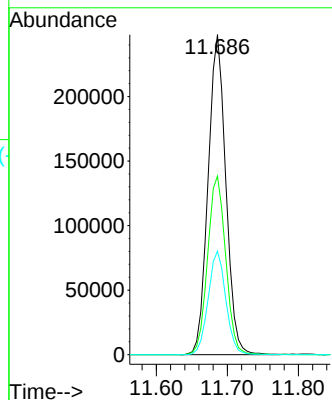
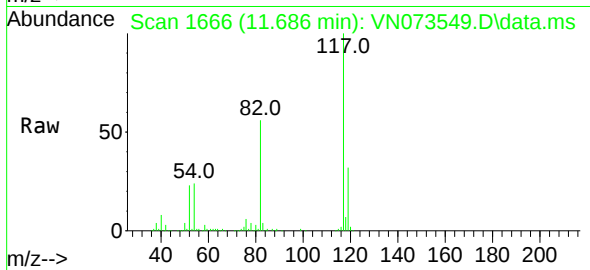
Tgt Ion:117 Resp: 430870

Ion Ratio Lower Upper

117 100

82 55.8 44.2 66.2

119 32.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN073549.D

Acq: 21 Jul 2022 12:09

Tgt Ion:152 Resp: 203788

Ion Ratio Lower Upper

152 100

115 57.7 28.9 86.7

150 157.6 0.0 356.2

