

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075925.D
 Acq On : 21 Dec 2022 17:29
 Operator : JC\MD
 Sample : N6168-12 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1840

Quant Time: Dec 22 03:04:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	338914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	532448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	468941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196268	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	170785	46.320	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.640%
35) Dibromofluoromethane	8.171	113	159844	48.476	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	10.571	98	620849	50.359	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.720%
62) 4-Bromofluorobenzene	12.853	95	190036	46.539	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.080%

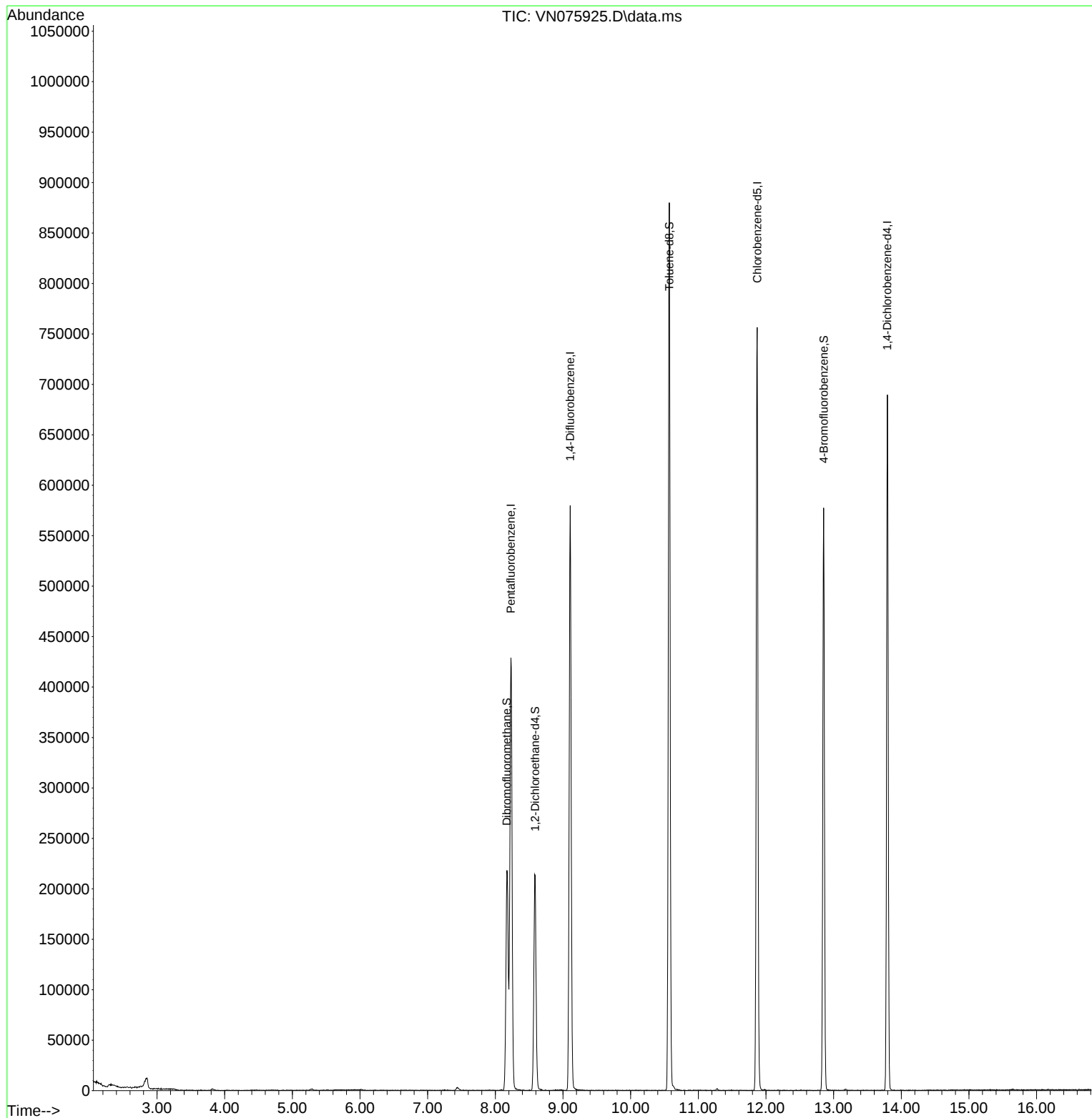
Target Compounds	Qvalue

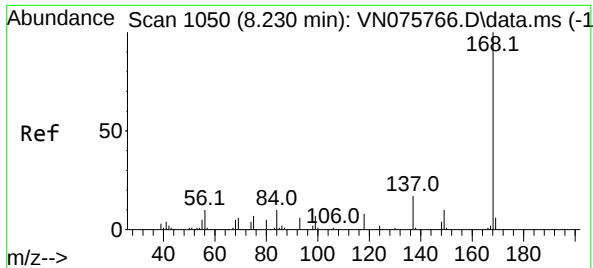
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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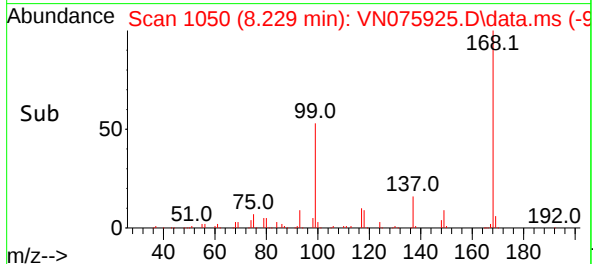
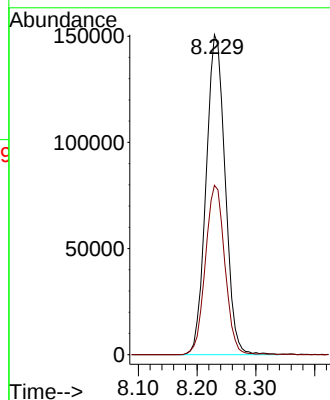
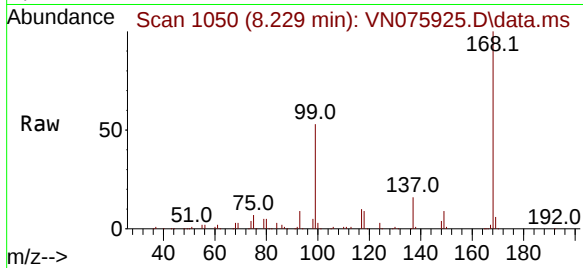




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075925.D
Acq: 21 Dec 2022 17:29

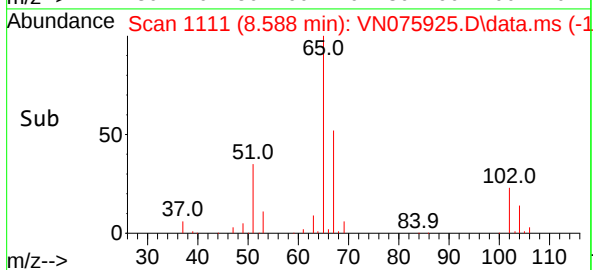
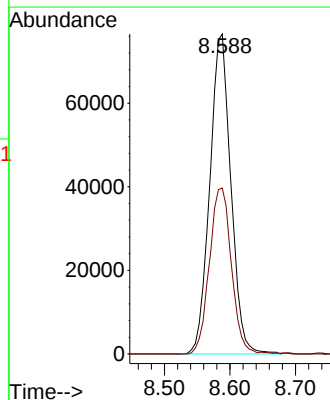
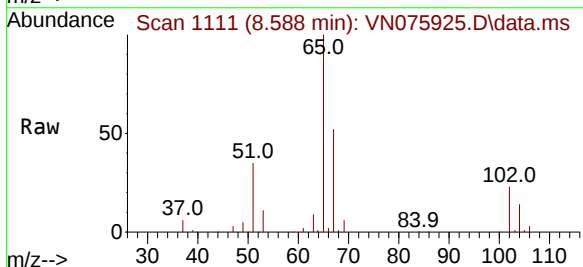
Instrument :
MSVOA_N
ClientSampleId :
AUD-1840

Tgt Ion:168 Resp: 338914
Ion Ratio Lower Upper
168 100
99 52.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.320 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075925.D
Acq: 21 Dec 2022 17:29

Tgt Ion: 65 Resp: 170785
Ion Ratio Lower Upper
65 100
67 54.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075925.D

Acq: 21 Dec 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

AUD-1840

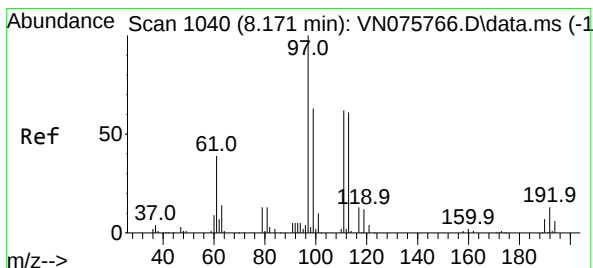
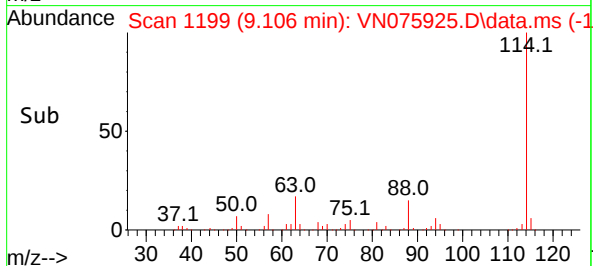
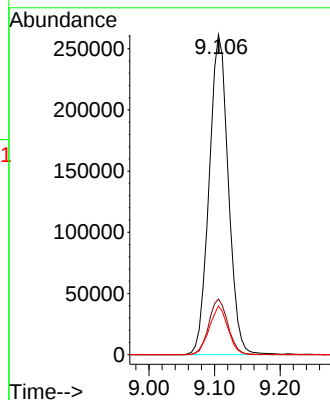
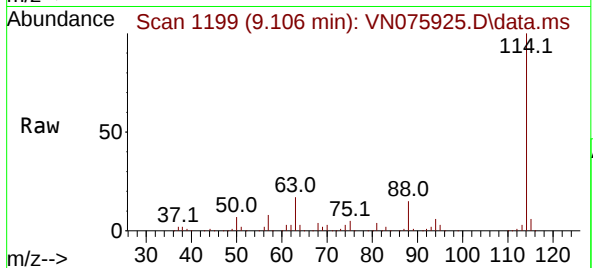
Tgt Ion:114 Resp: 532448

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 15.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.476 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075925.D

Acq: 21 Dec 2022 17:29

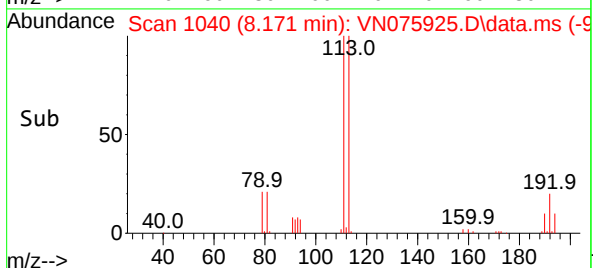
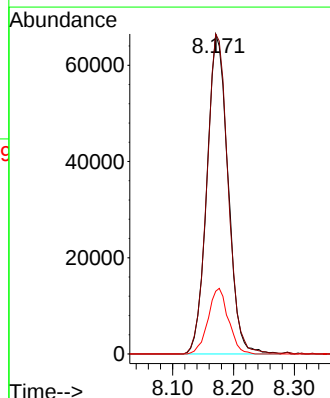
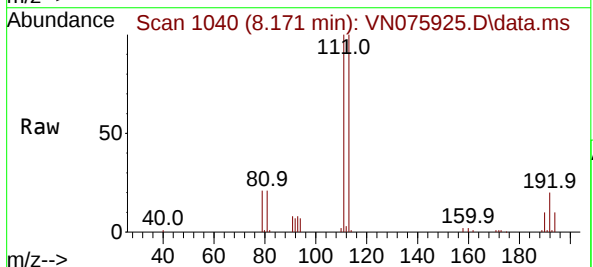
Tgt Ion:113 Resp: 159844

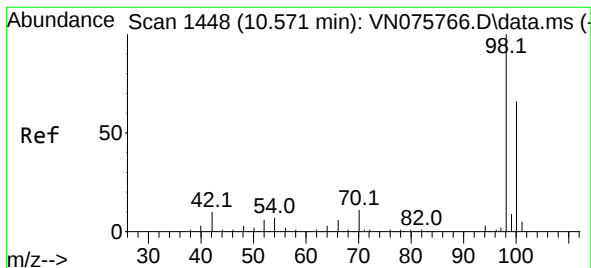
Ion Ratio Lower Upper

113 100

111 100.5 83.4 125.2

192 19.8 16.1 24.1





#50

Toluene-d8

Concen: 50.359 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075925.D

Acq: 21 Dec 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

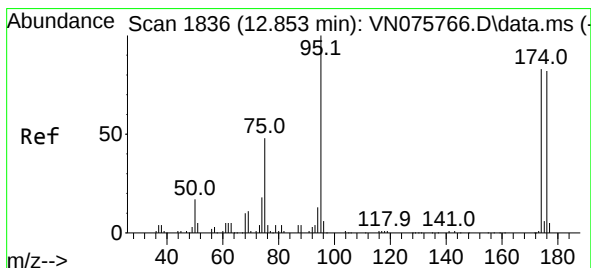
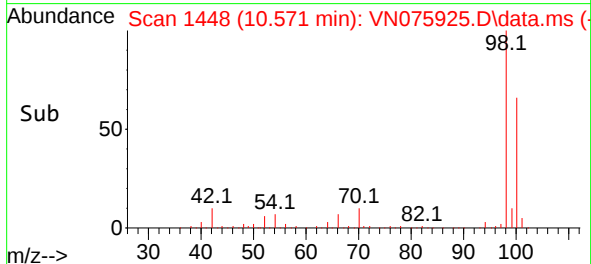
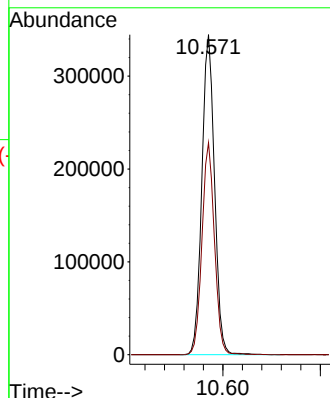
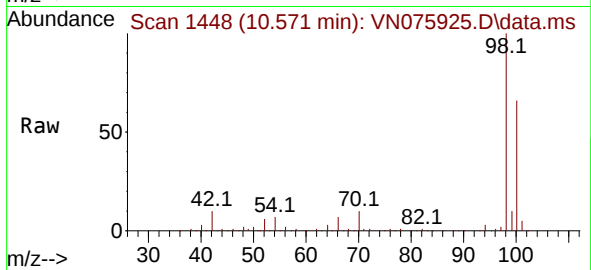
AUD-1840

Tgt Ion: 98 Resp: 620849

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 46.539 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075925.D

Acq: 21 Dec 2022 17:29

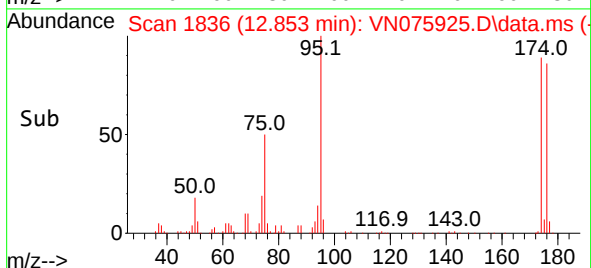
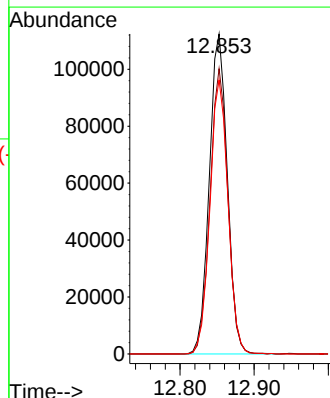
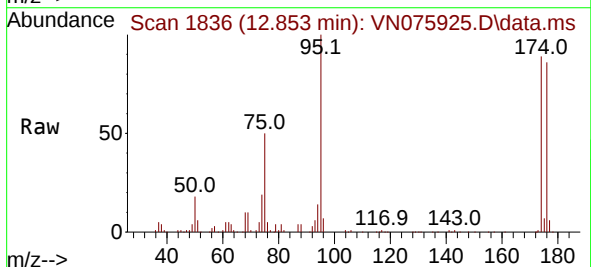
Tgt Ion: 95 Resp: 190036

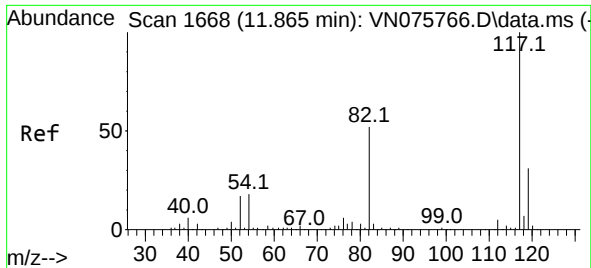
Ion Ratio Lower Upper

95 100

174 88.1 0.0 171.6

176 85.6 0.0 169.2

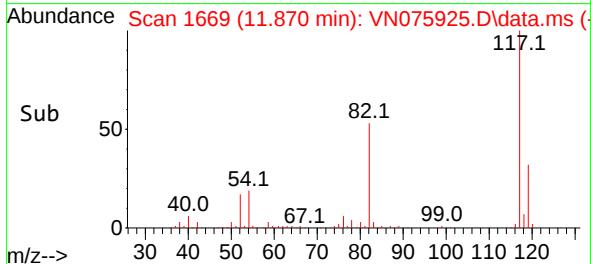
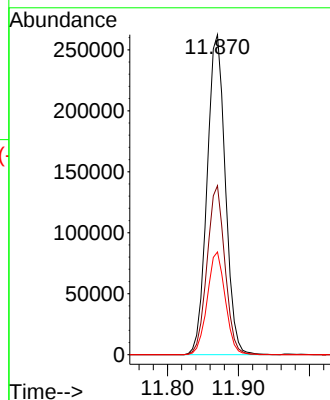
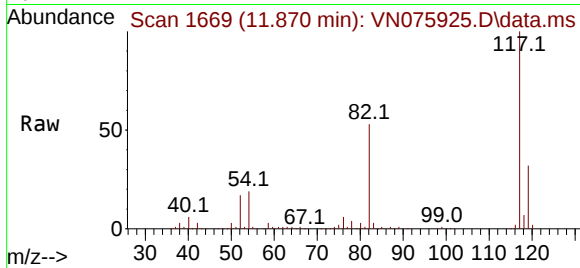




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075925.D
Acq: 21 Dec 2022 17:29

Instrument :
MSVOA_N
ClientSampleId :
AUD-1840

Tgt Ion:117 Resp: 468941
Ion Ratio Lower Upper
117 100
82 52.8 41.3 61.9
119 32.1 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075925.D
Acq: 21 Dec 2022 17:29

Tgt Ion:152 Resp: 196268
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.4
150 156.1 0.0 347.0

