

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122222\
 Data File : VN075940.D
 Acq On : 22 Dec 2022 13:15
 Operator : JC\MD
 Sample : N6182-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-122122

Quant Time: Dec 23 04:01:12 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	8.230	168	342200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	536588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	466503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190699	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	175662	47.185	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.380%
35) Dibromofluoromethane	8.171	113	160588	48.326	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.660%
50) Toluene-d8	10.571	98	617597	49.709	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.420%
62) 4-Bromofluorobenzene	12.853	95	192434	46.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.520%

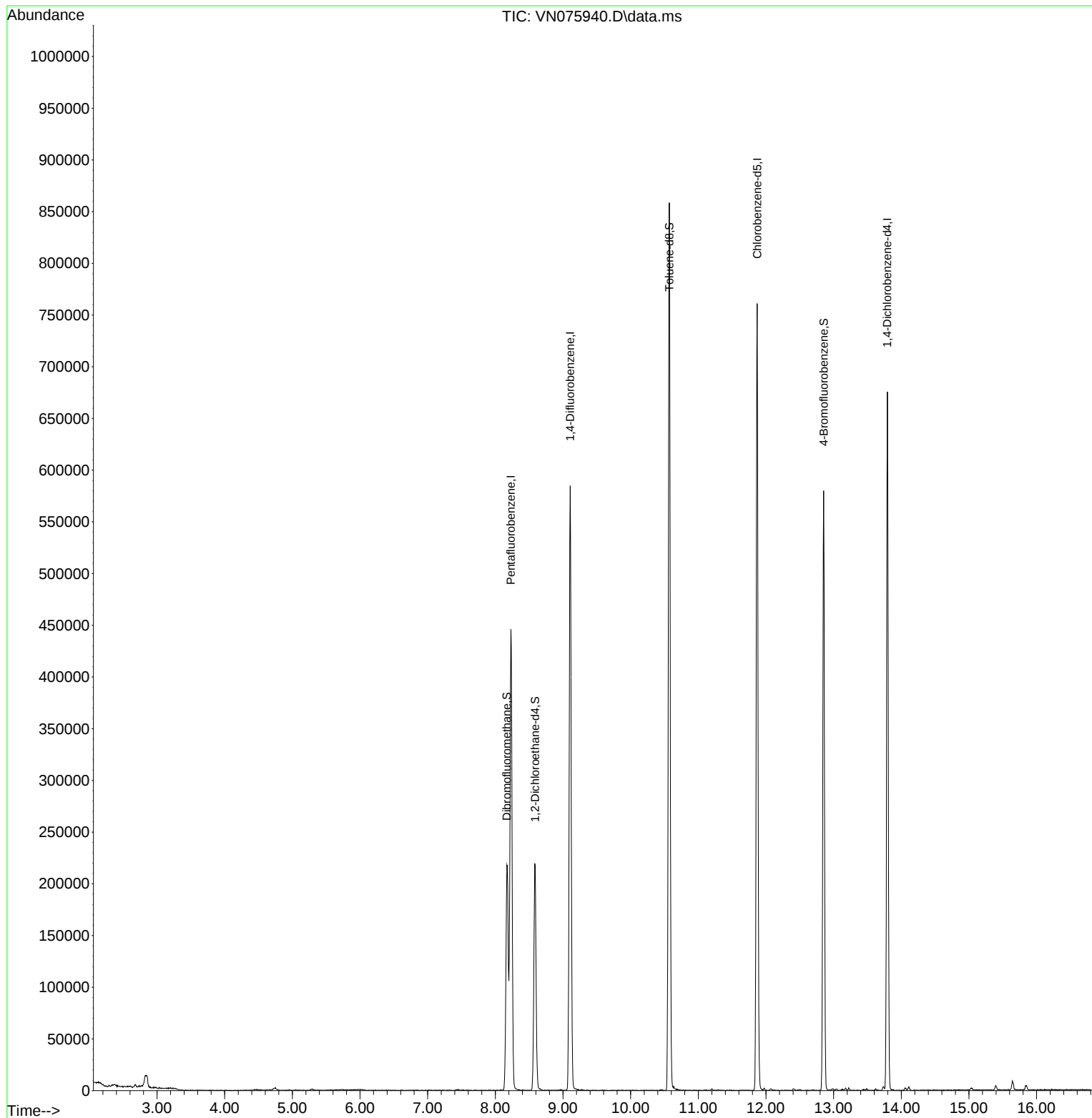
Target Compounds	Qvalue

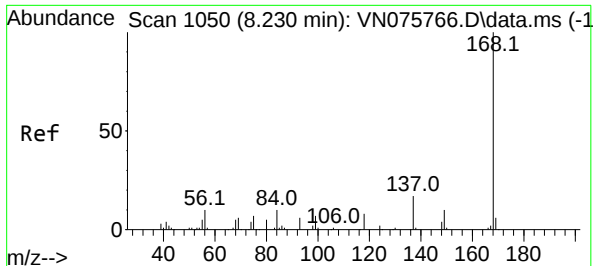
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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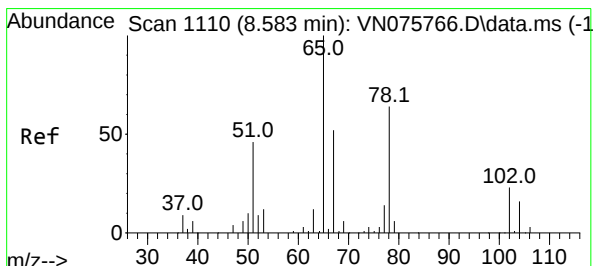
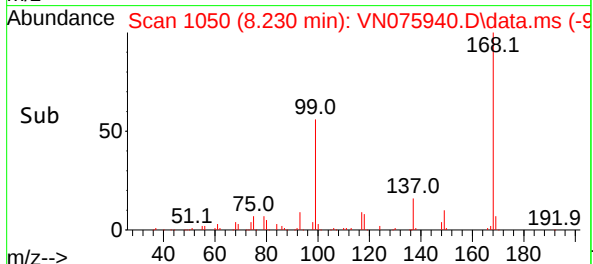
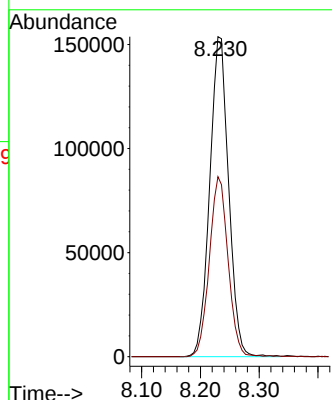
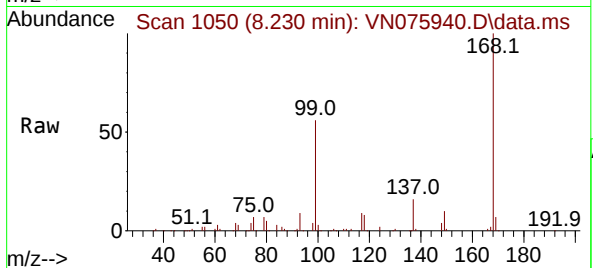




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075940.D
Acq: 22 Dec 2022 13:15

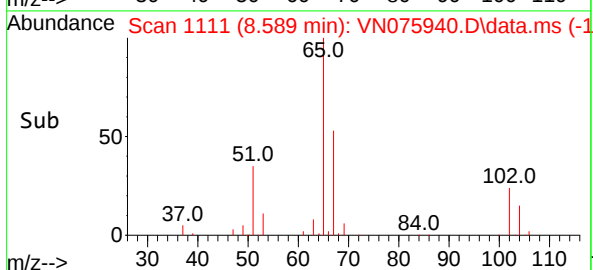
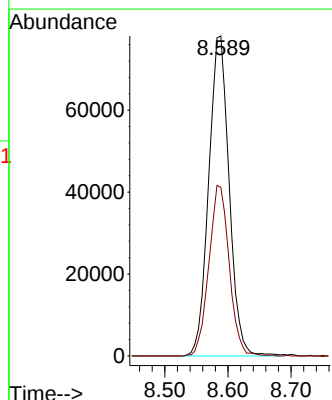
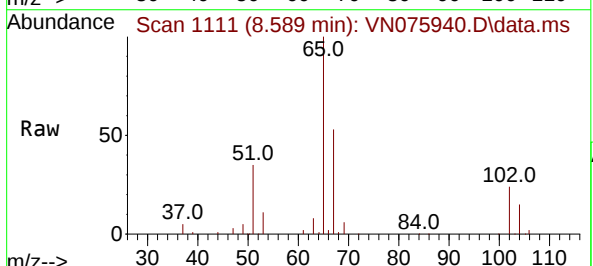
Instrument :
MSVOA_N
ClientSampleId :
TB-01-122122

Tgt Ion:168 Resp: 342200
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.185 ug/l
RT: 8.589 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075940.D
Acq: 22 Dec 2022 13:15

Tgt Ion: 65 Resp: 175662
Ion Ratio Lower Upper
65 100
67 53.0 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: VN075940.D

Acq: 22 Dec 2022 13:15

Instrument :

MSVOA_N

ClientSampleId :

TB-01-122122

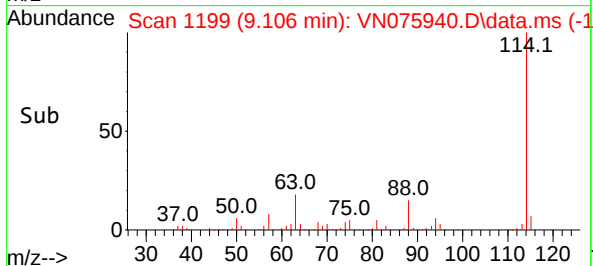
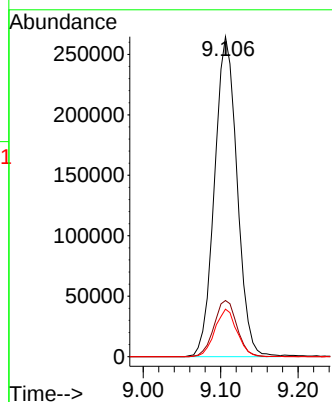
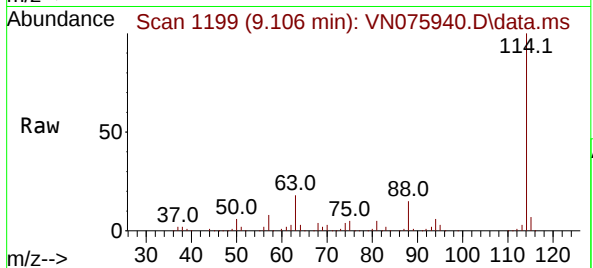
Tgt Ion:114 Resp: 536588

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.326 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075940.D

Acq: 22 Dec 2022 13:15

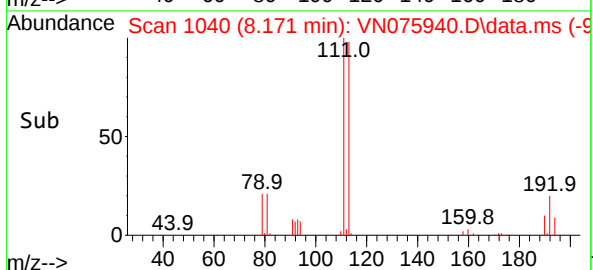
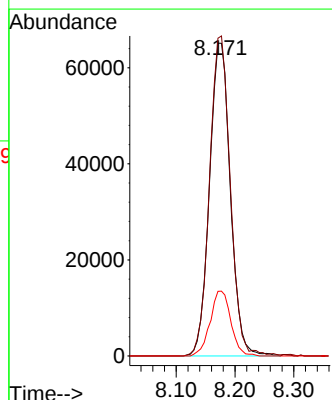
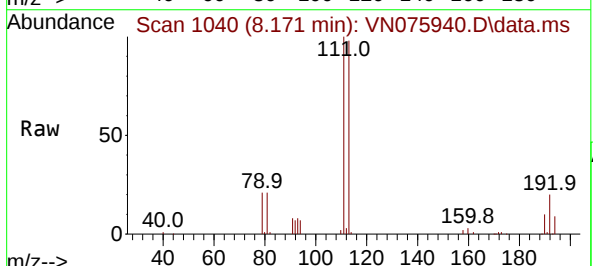
Tgt Ion:113 Resp: 160588

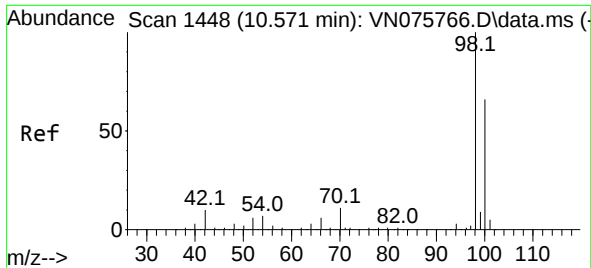
Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

192 20.6 16.1 24.1

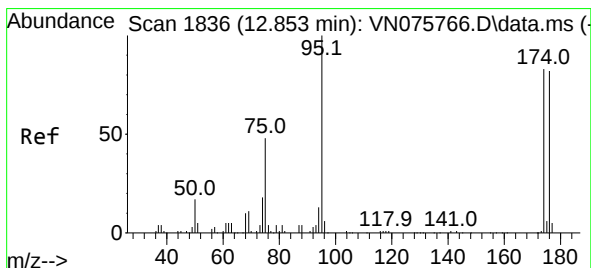
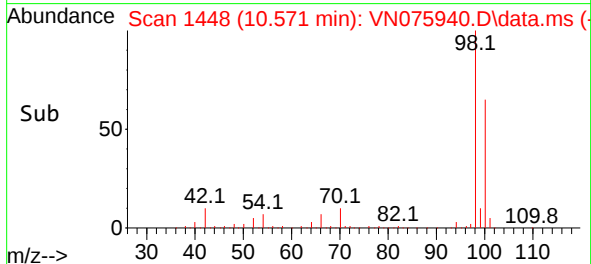
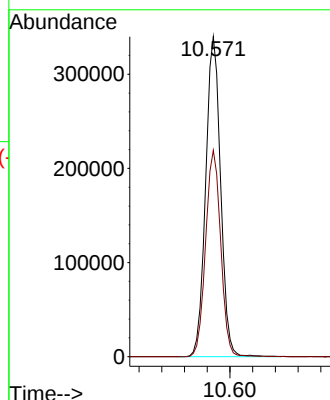
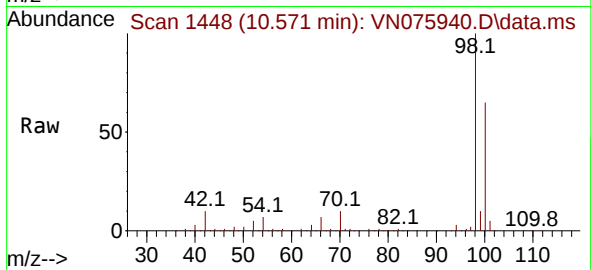




#50
Toluene-d8
Concen: 49.709 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075940.D
Acq: 22 Dec 2022 13:15

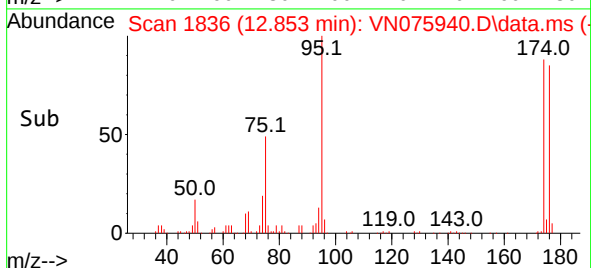
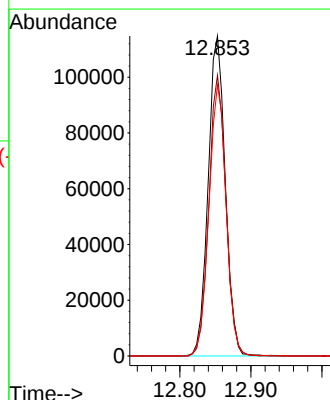
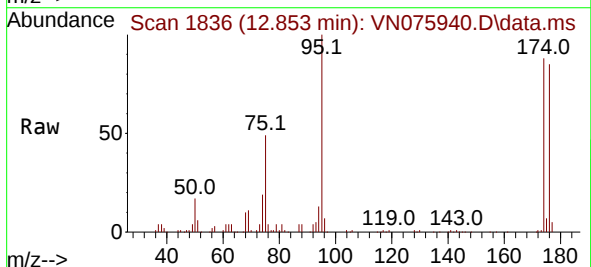
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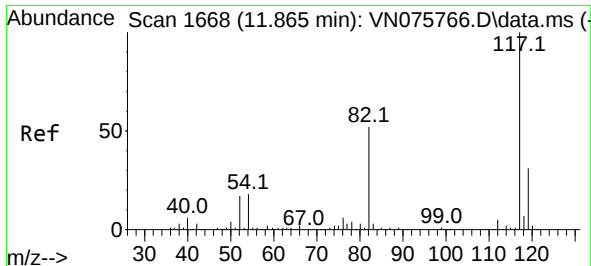
Tgt Ion: 98 Resp: 617597
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.763 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075940.D
Acq: 22 Dec 2022 13:15

Tgt Ion: 95 Resp: 192434
Ion Ratio Lower Upper
95 100
174 87.4 0.0 171.6
176 84.9 0.0 169.2

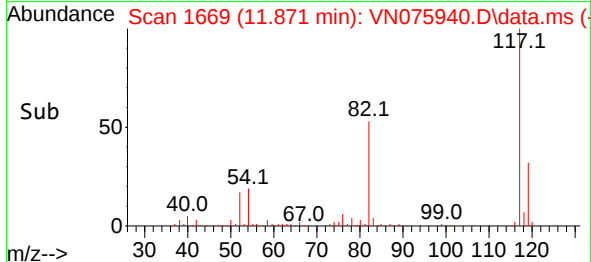
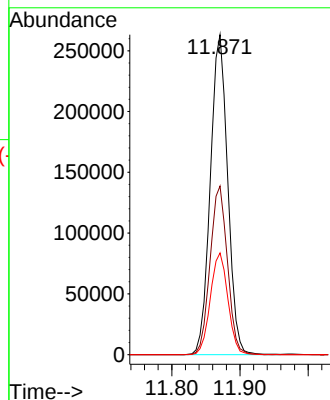
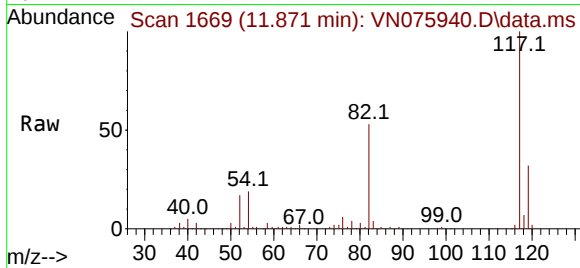




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075940.D
Acq: 22 Dec 2022 13:15

Instrument :
MSVOA_N
ClientSampleId :
TB-01-122122

Tgt Ion:117 Resp: 466503
Ion Ratio Lower Upper
117 100
82 52.7 41.3 61.9
119 31.8 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: VN075940.D
Acq: 22 Dec 2022 13:15

Tgt Ion:152 Resp: 190699
Ion Ratio Lower Upper
152 100
115 56.6 29.1 87.4
150 157.3 0.0 347.0

