

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075923.D
 Acq On : 21 Dec 2022 16:41
 Operator : JC\MD
 Sample : N6152-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GROUND-WATER

Quant Time: Dec 22 03:03:33 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	8.235	168	351164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	554142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	474174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193870	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	181771	47.580	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.160%
35) Dibromofluoromethane	8.177	113	164841	48.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	10.571	98	639602	49.849	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.853	95	195943	46.107	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.220%

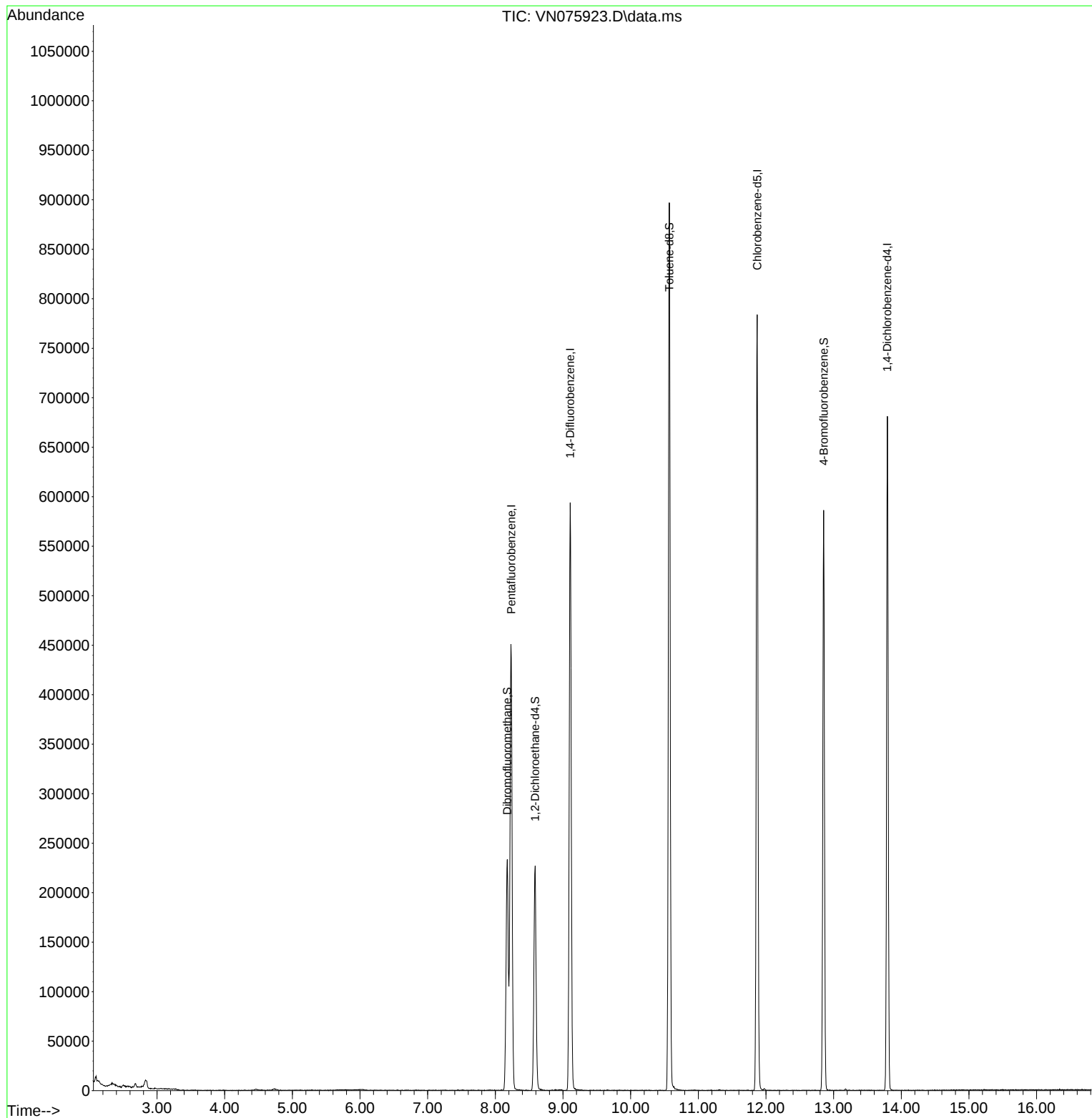
Target Compounds	Qvalue

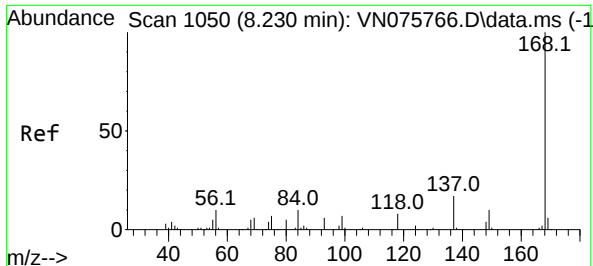
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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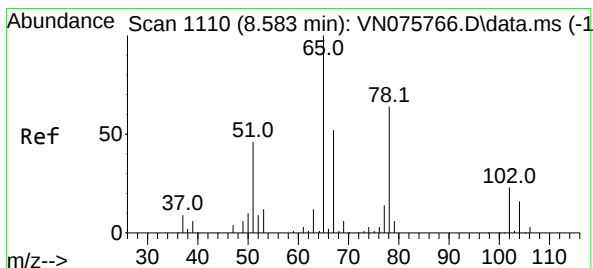
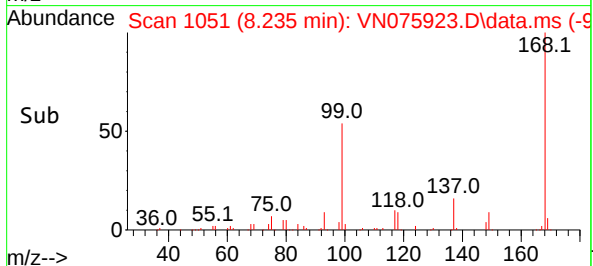
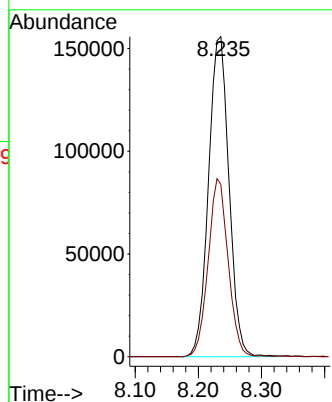
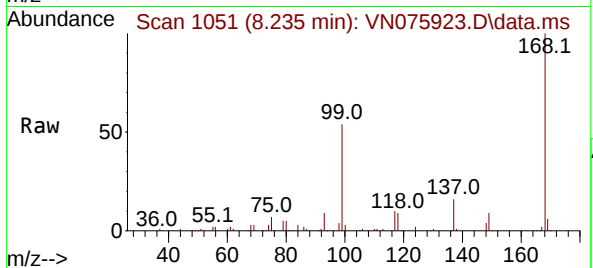




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1105
Delta R.T. 0.005 min
Lab File: VN075923.D
Acq: 21 Dec 2022 16:41

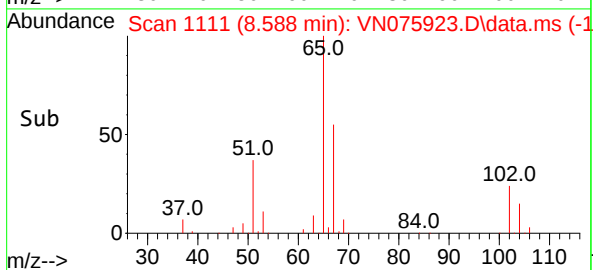
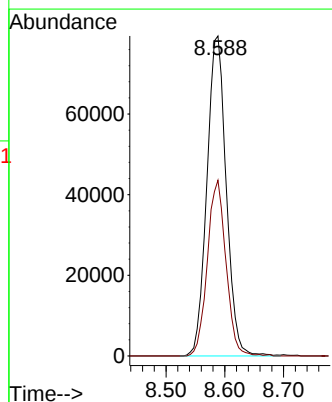
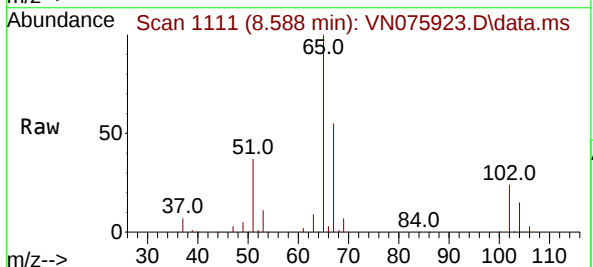
Instrument :
MSVOA_N
ClientSampleId :
GROUND-WATER

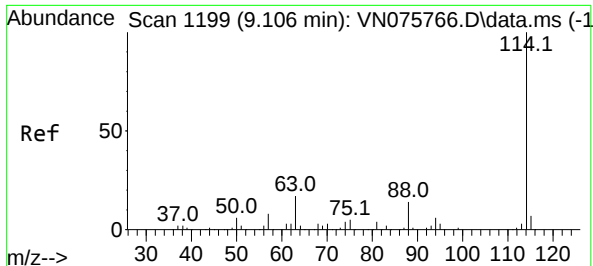
Tgt Ion:168 Resp: 351164
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.580 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075923.D
Acq: 21 Dec 2022 16:41

Tgt Ion: 65 Resp: 181771
Ion Ratio Lower Upper
65 100
67 52.8 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: VN075923.D

Acq: 21 Dec 2022 16:41

Instrument :

MSVOA_N

ClientSampleId :

GROUND-WATER

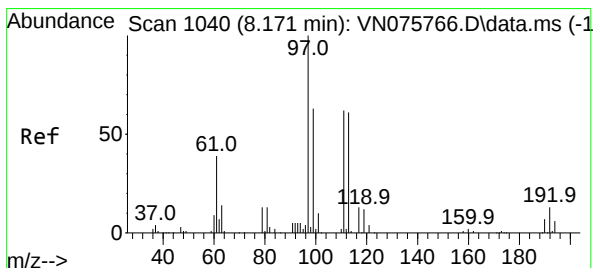
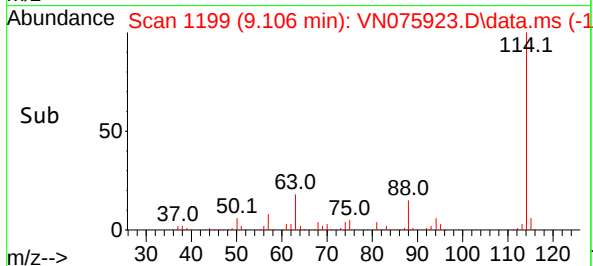
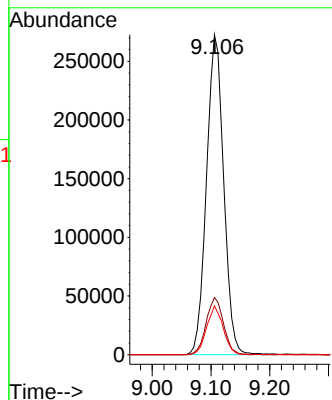
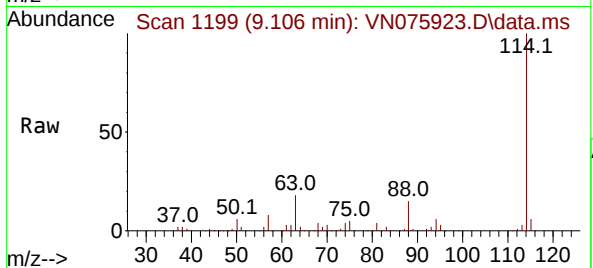
Tgt Ion:114 Resp: 554142

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 15.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.034 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075923.D

Acq: 21 Dec 2022 16:41

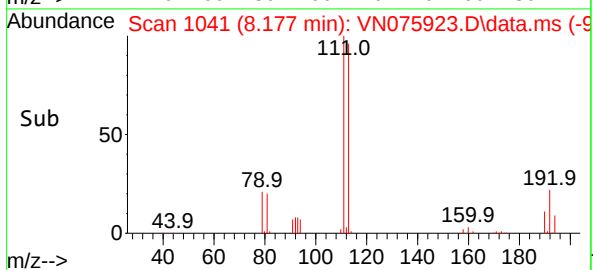
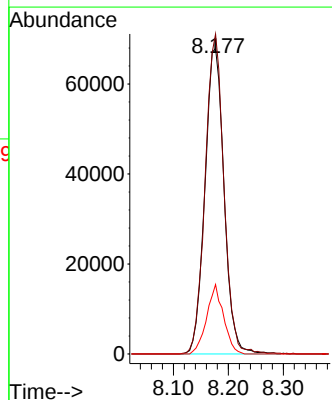
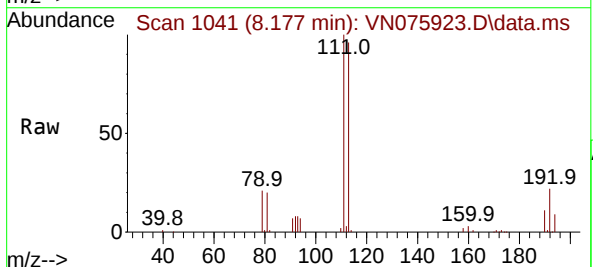
Tgt Ion:113 Resp: 164841

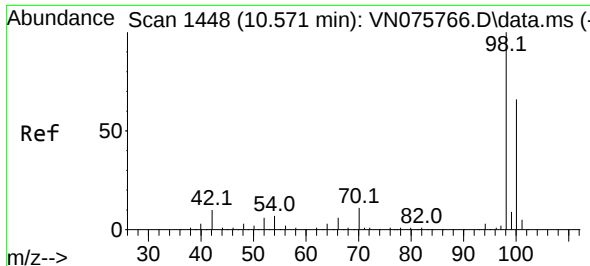
Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.2

192 19.9 16.1 24.1

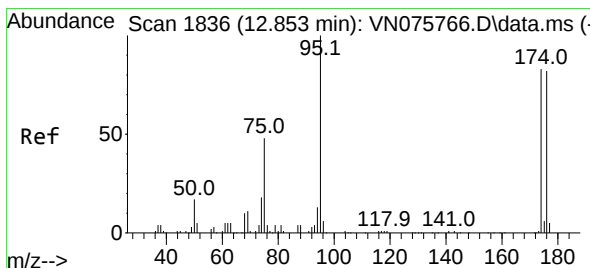
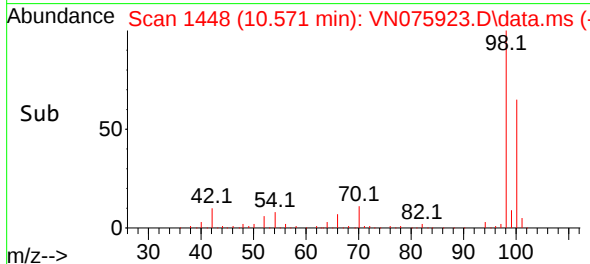
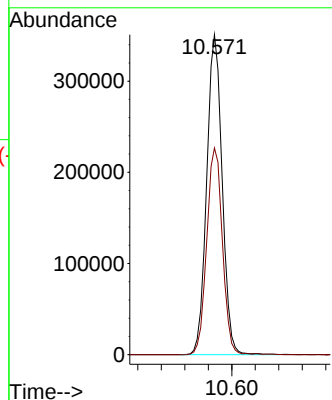
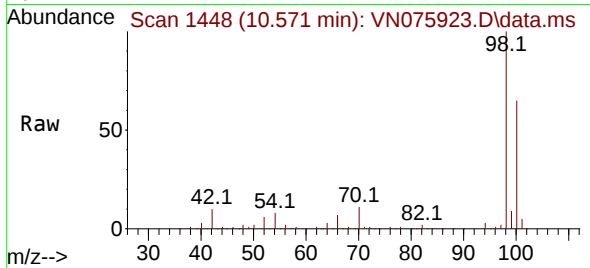




#50
Toluene-d8
Concen: 49.849 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075923.D
Acq: 21 Dec 2022 16:41

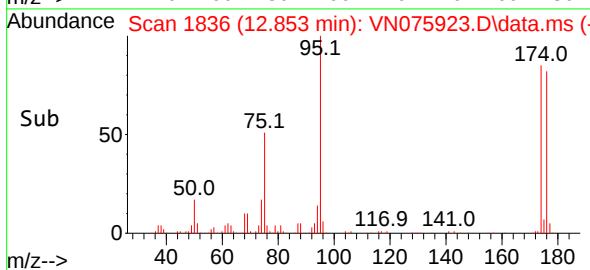
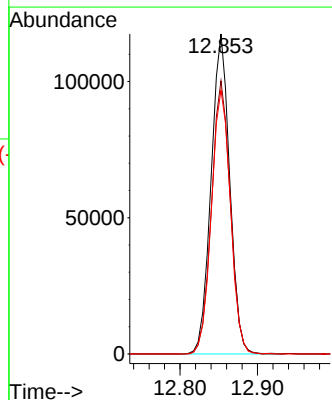
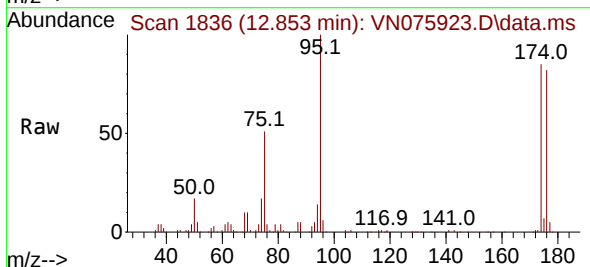
Instrument :
MSVOA_N
ClientSampleId :
GROUND-WATER

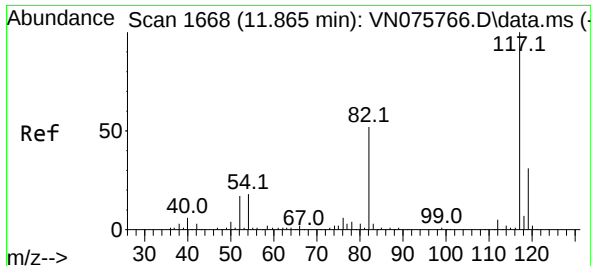
Tgt Ion: 98 Resp: 639602
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.107 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075923.D
Acq: 21 Dec 2022 16:41

Tgt Ion: 95 Resp: 195943
Ion Ratio Lower Upper
95 100
174 86.3 0.0 171.6
176 84.0 0.0 169.2

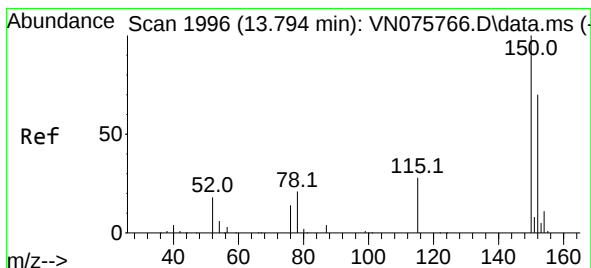
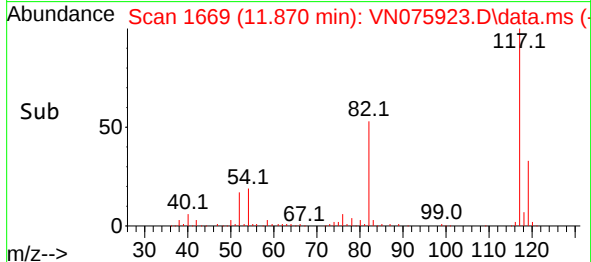
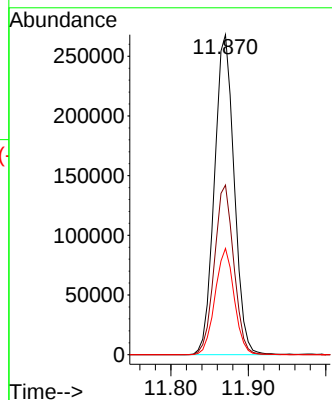
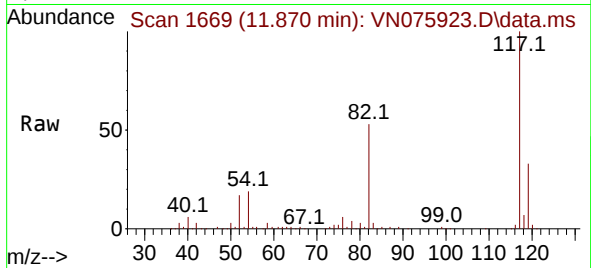




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075923.D
Acq: 21 Dec 2022 16:41

Instrument :
MSVOA_N
ClientSampleId :
GROUND-WATER

Tgt Ion:117 Resp: 474174
Ion Ratio Lower Upper
117 100
82 53.0 41.3 61.9
119 33.2 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: VN075923.D
Acq: 21 Dec 2022 16:41

Tgt Ion:152 Resp: 193870
Ion Ratio Lower Upper
152 100
115 58.6 29.1 87.4
150 156.7 0.0 347.0

