

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122022\
 Data File : VN075894.D
 Acq On : 20 Dec 2022 13:23
 Operator : JC\MD
 Sample : N6131-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Dec 21 01:27:51 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	404217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	616748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	533123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220969	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	198509	45.141	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.280%
35) Dibromofluoromethane	8.171	113	182539	47.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.580%
50) Toluene-d8	10.571	98	706246	49.456	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.853	95	222377	47.016	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.040%

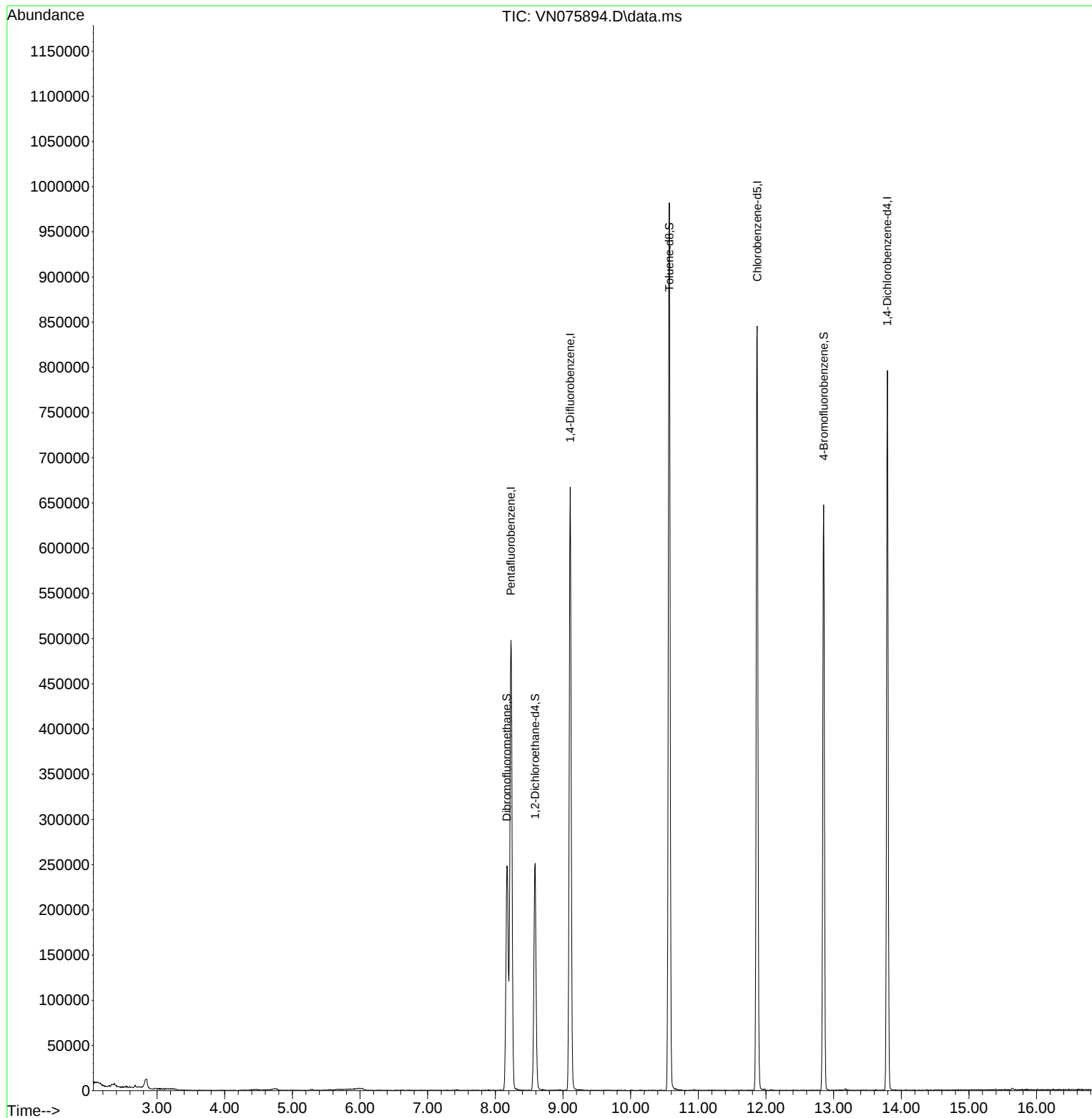
Target Compounds	Qvalue

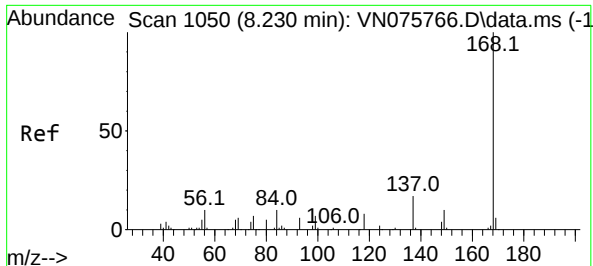
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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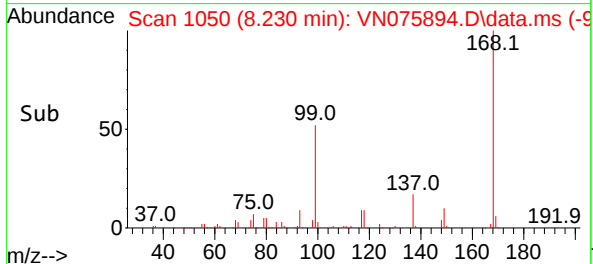
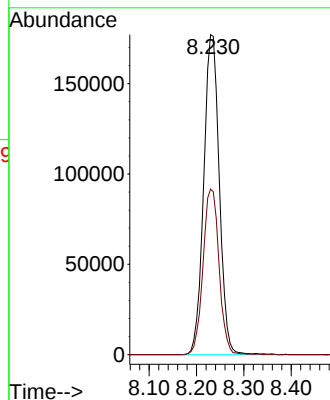
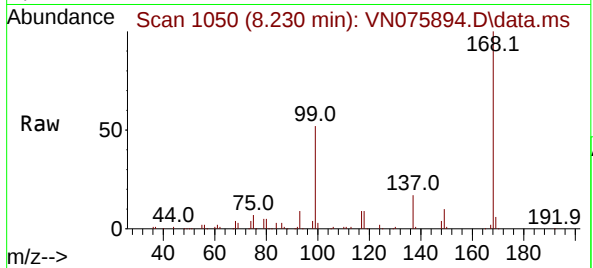




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

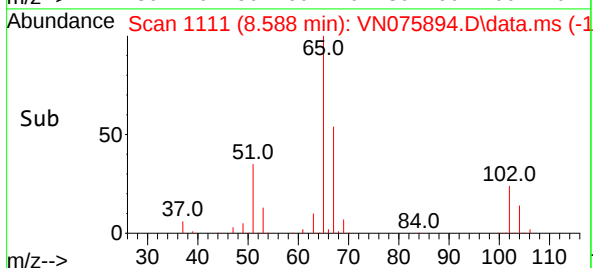
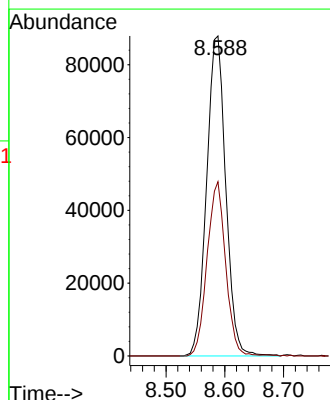
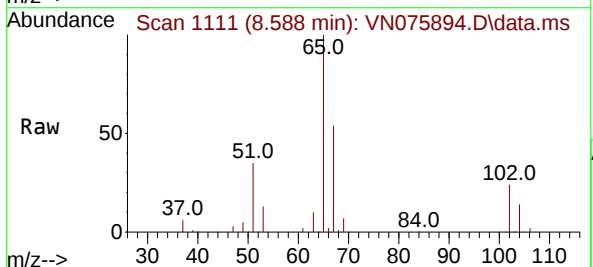
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 404217
Ion Ratio Lower Upper
168 100
99 51.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.141 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

Tgt Ion: 65 Resp: 198509
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: VN075894.D

Acq: 20 Dec 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

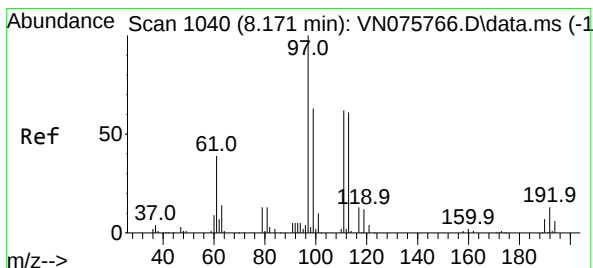
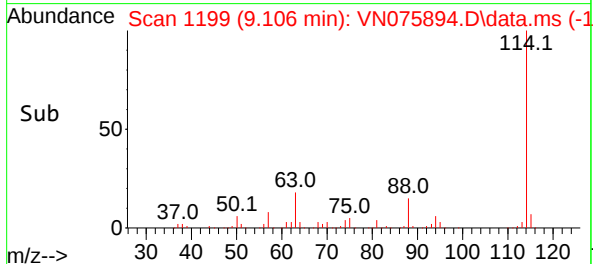
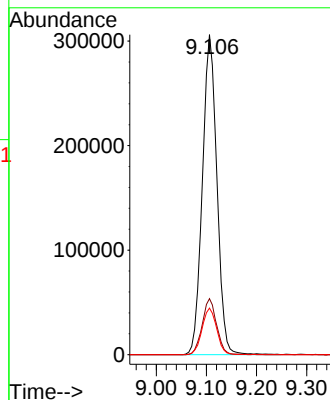
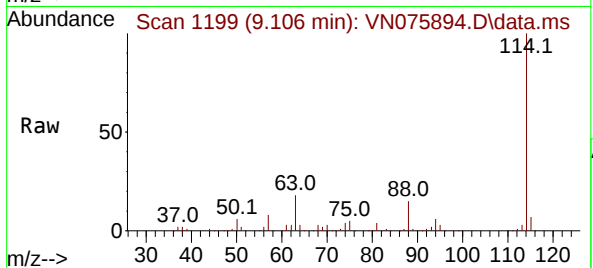
Tgt Ion:114 Resp: 616748

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.792 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075894.D

Acq: 20 Dec 2022 13:23

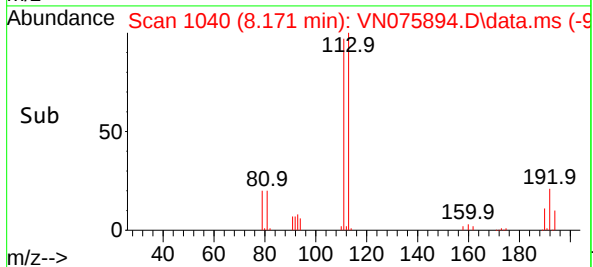
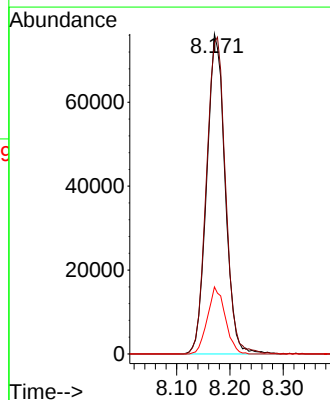
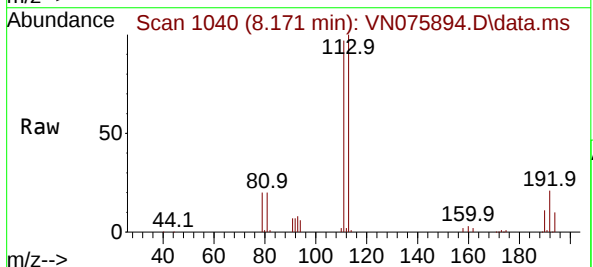
Tgt Ion:113 Resp: 182539

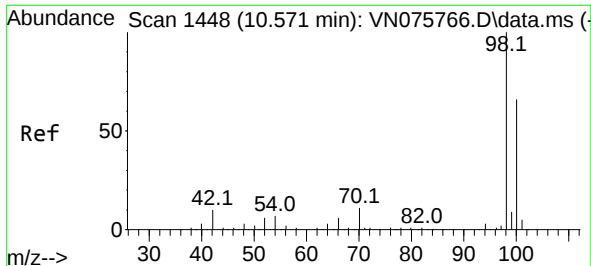
Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

192 20.3 16.1 24.1

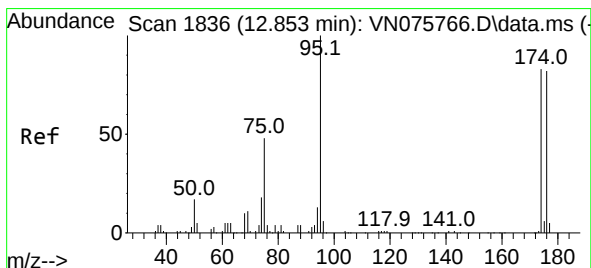
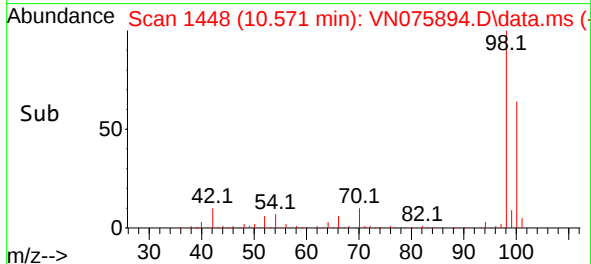
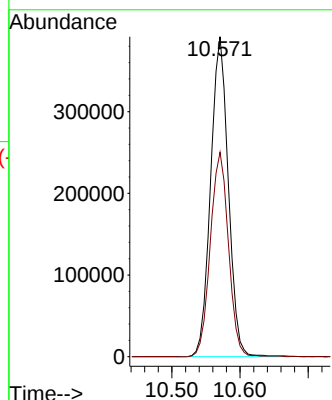
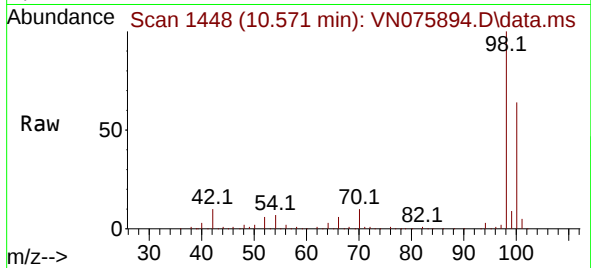




#50
Toluene-d8
Concen: 49.456 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

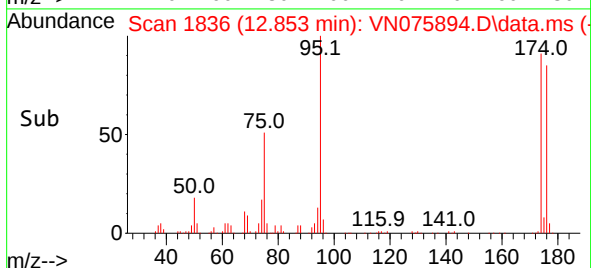
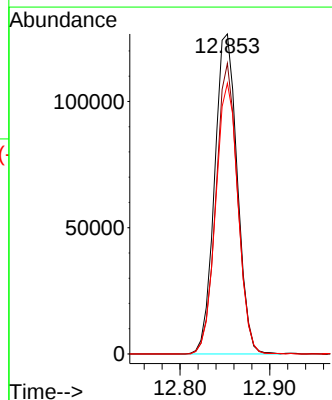
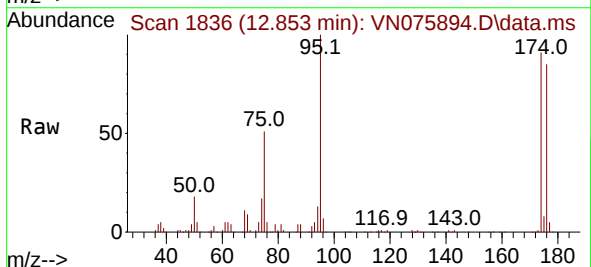
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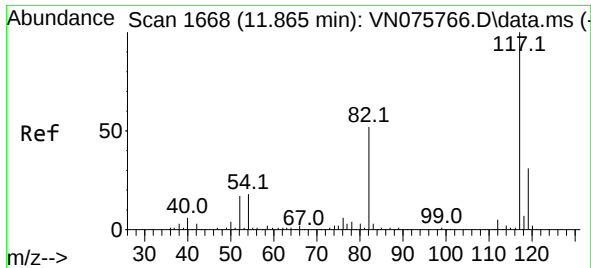
Tgt Ion: 98 Resp: 706246
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.016 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

Tgt Ion: 95 Resp: 222377
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 83.4 0.0 169.2

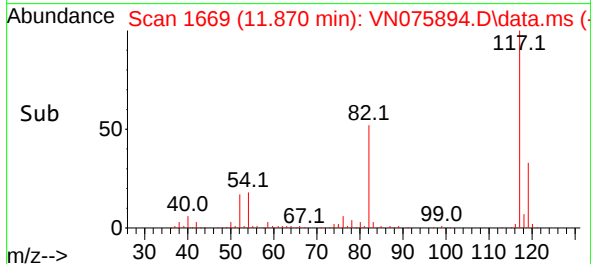
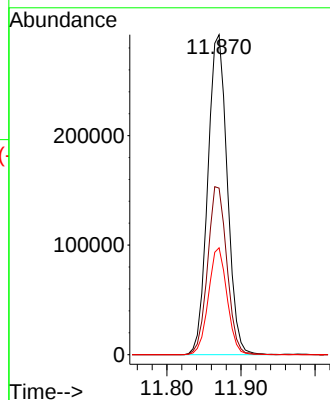
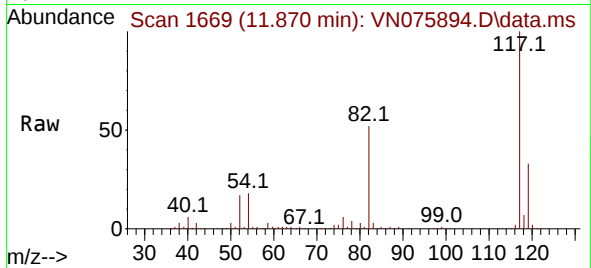




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075894.D
Acq: 20 Dec 2022 13:23

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 533123
Ion Ratio Lower Upper
117 100
82 52.1 41.3 61.9
119 33.4 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: VN075894.D
Acq: 20 Dec 2022 13:23

Tgt Ion:152 Resp: 220969
Ion Ratio Lower Upper
152 100
115 58.2 29.1 87.4
150 157.7 0.0 347.0

