

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073251.D
 Acq On : 29 Jun 2022 18:31
 Operator : JC\MD
 Sample : N3496-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jun 30 07:01:14 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	328633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	535208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	493046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	244023	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	201046	42.377	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.760%
35) Dibromofluoromethane	7.957	113	168402	47.293	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.580%
50) Toluene-d8	10.380	98	560598	44.327	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.660%
62) 4-Bromofluorobenzene	12.668	95	252712	51.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.000%

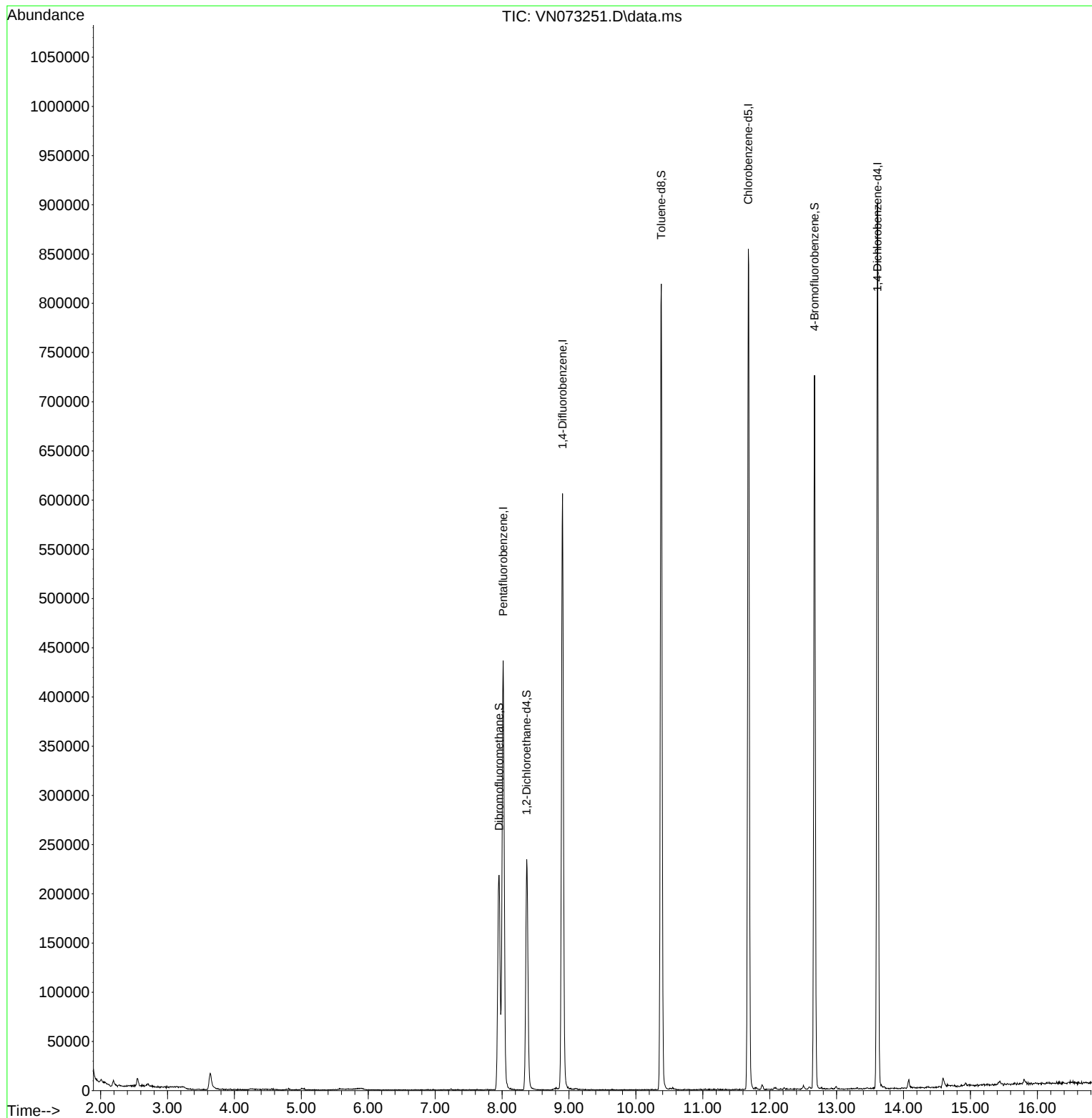
Target Compounds	Qvalue

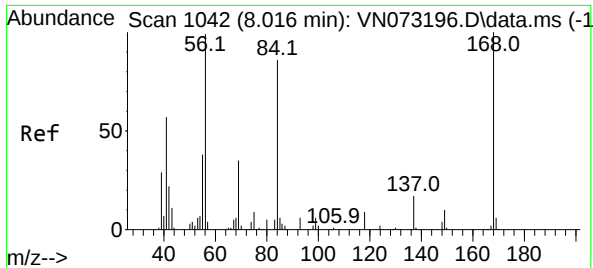
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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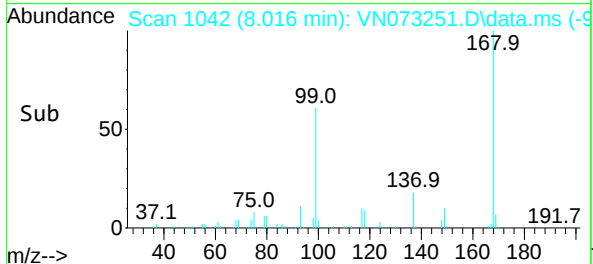
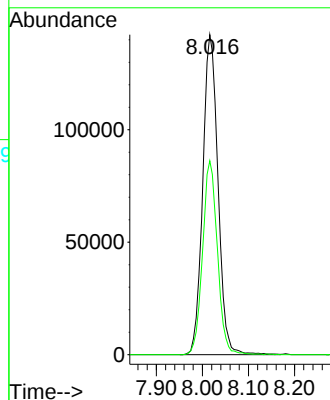
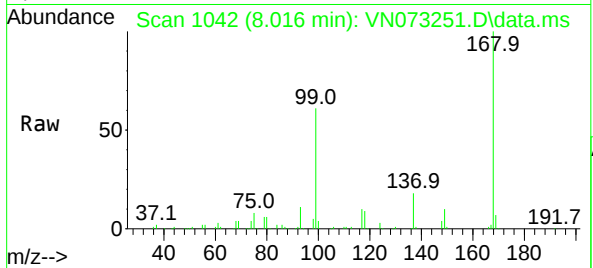




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073251.D
Acq: 29 Jun 2022 18:31

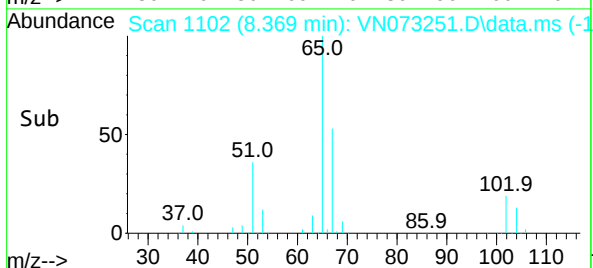
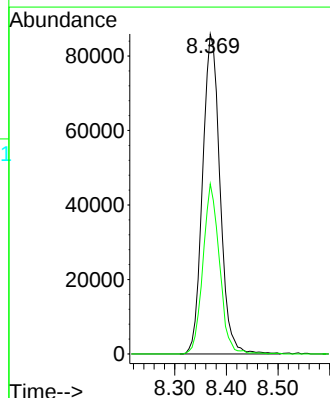
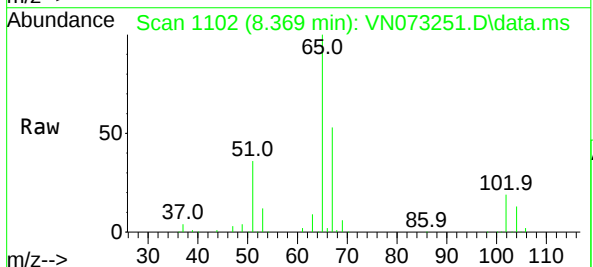
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 328633
Ion Ratio Lower Upper
168 100
99 60.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 42.377 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073251.D
Acq: 29 Jun 2022 18:31

Tgt Ion: 65 Resp: 201046
Ion Ratio Lower Upper
65 100
67 50.2 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: VN073251.D

Acq: 29 Jun 2022 18:31

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

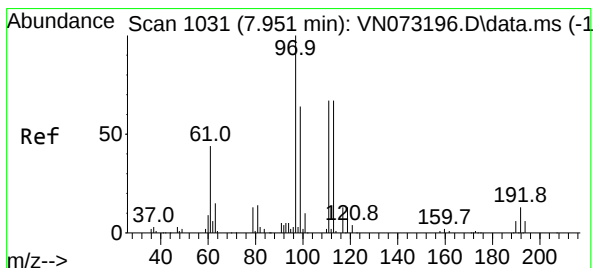
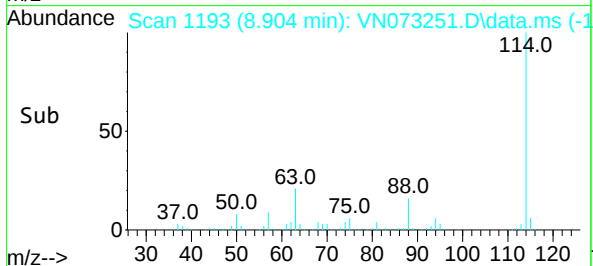
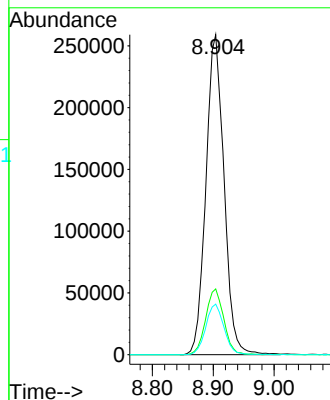
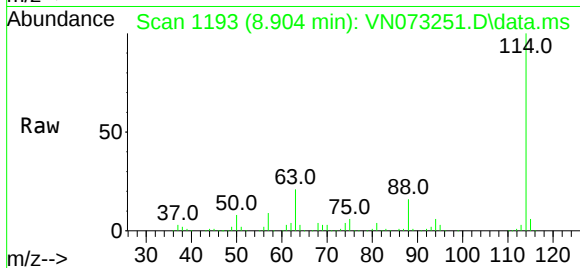
Tgt Ion:114 Resp: 535208

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.293 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073251.D

Acq: 29 Jun 2022 18:31

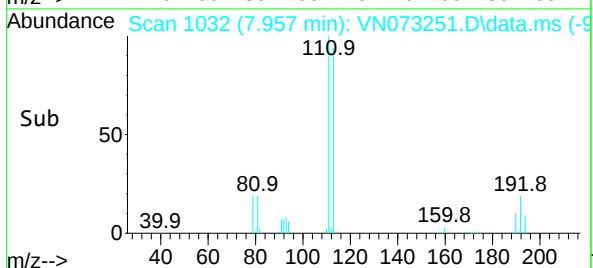
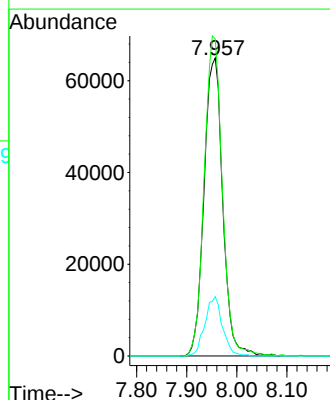
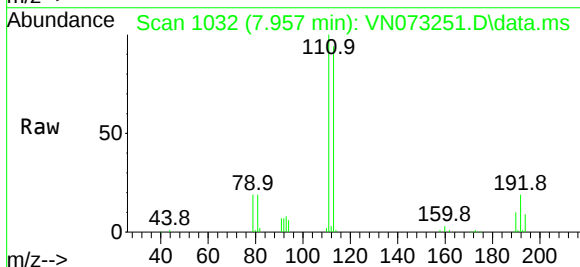
Tgt Ion:113 Resp: 168402

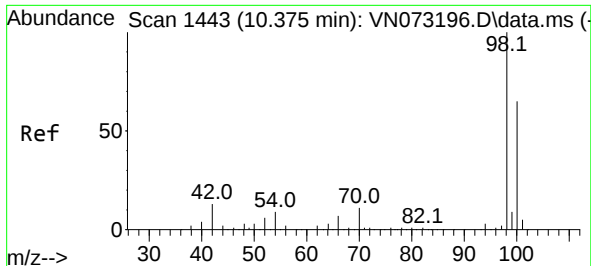
Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 18.7 17.0 25.6

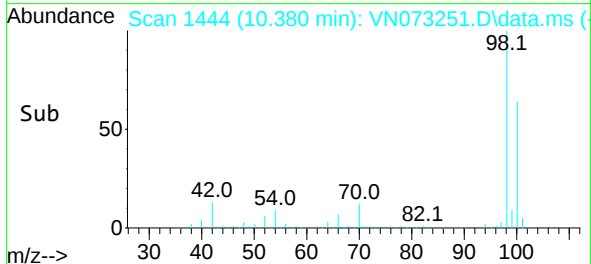
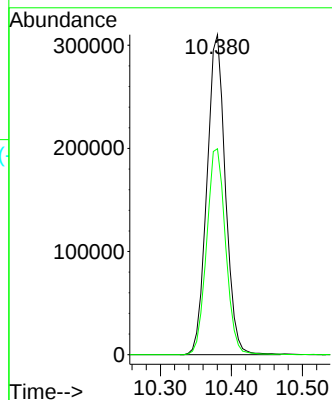
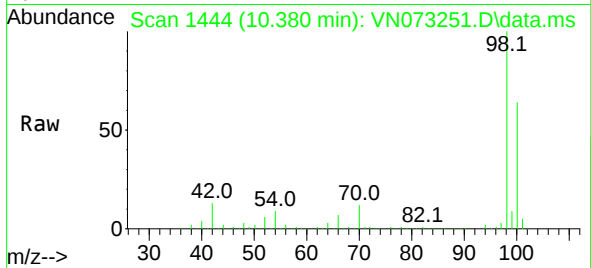




#50
Toluene-d8
Concen: 44.327 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073251.D
Acq: 29 Jun 2022 18:31

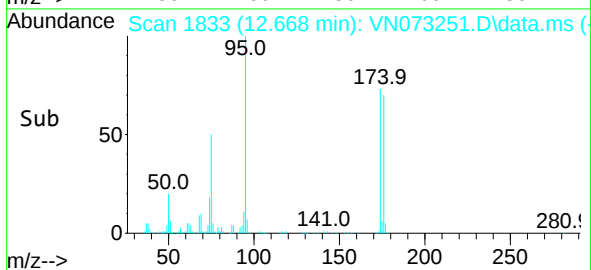
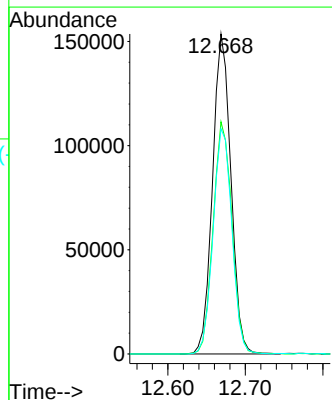
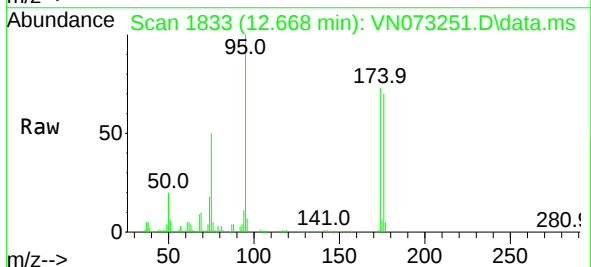
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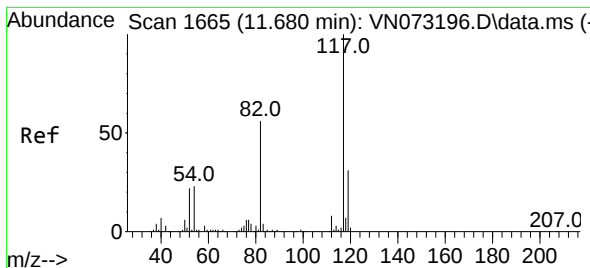
Tgt Ion: 98 Resp: 560598
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.997 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073251.D
Acq: 29 Jun 2022 18:31

Tgt Ion: 95 Resp: 252712
Ion Ratio Lower Upper
95 100
174 74.4 0.0 167.6
176 71.9 0.0 163.4

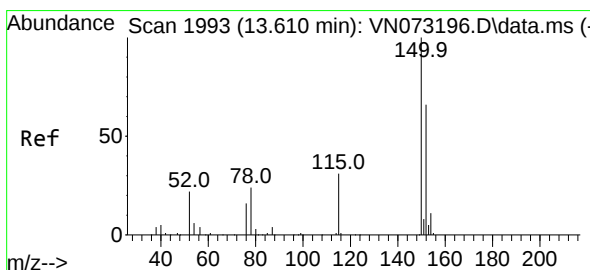
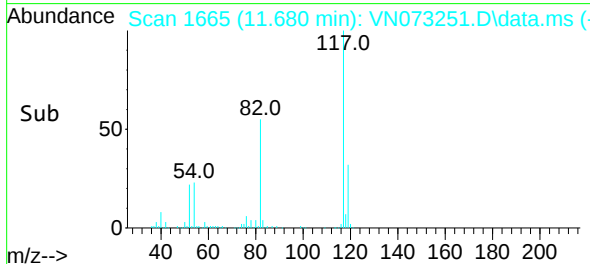
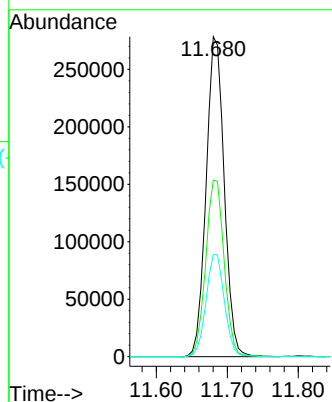
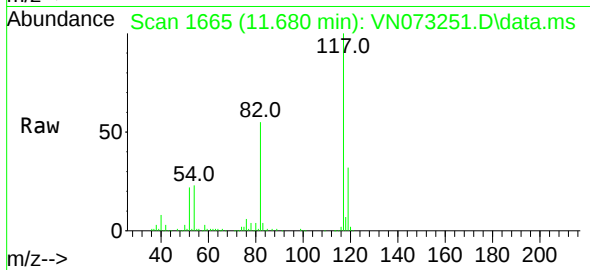




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073251.D
Acq: 29 Jun 2022 18:31

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

Tgt Ion:117 Resp: 493046
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073251.D
Acq: 29 Jun 2022 18:31

Tgt Ion:152 Resp: 244023
Ion Ratio Lower Upper
152 100
115 59.8 28.9 86.7
150 155.3 0.0 356.2

