

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070522\
 Data File : VN073316.D
 Acq On : 05 Jul 2022 15:34
 Operator : JC\MD
 Sample : N3237-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-MW163S1-GW-20220607RE

Quant Time: Jul 06 01:14:41 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	268922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	460003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	417695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	189360	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	178320	45.933	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.860%
35) Dibromofluoromethane	7.951	113	148085	48.386	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.780%
50) Toluene-d8	10.380	98	489339	45.018	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.040%
62) 4-Bromofluorobenzene	12.668	95	210593	50.415	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.820%

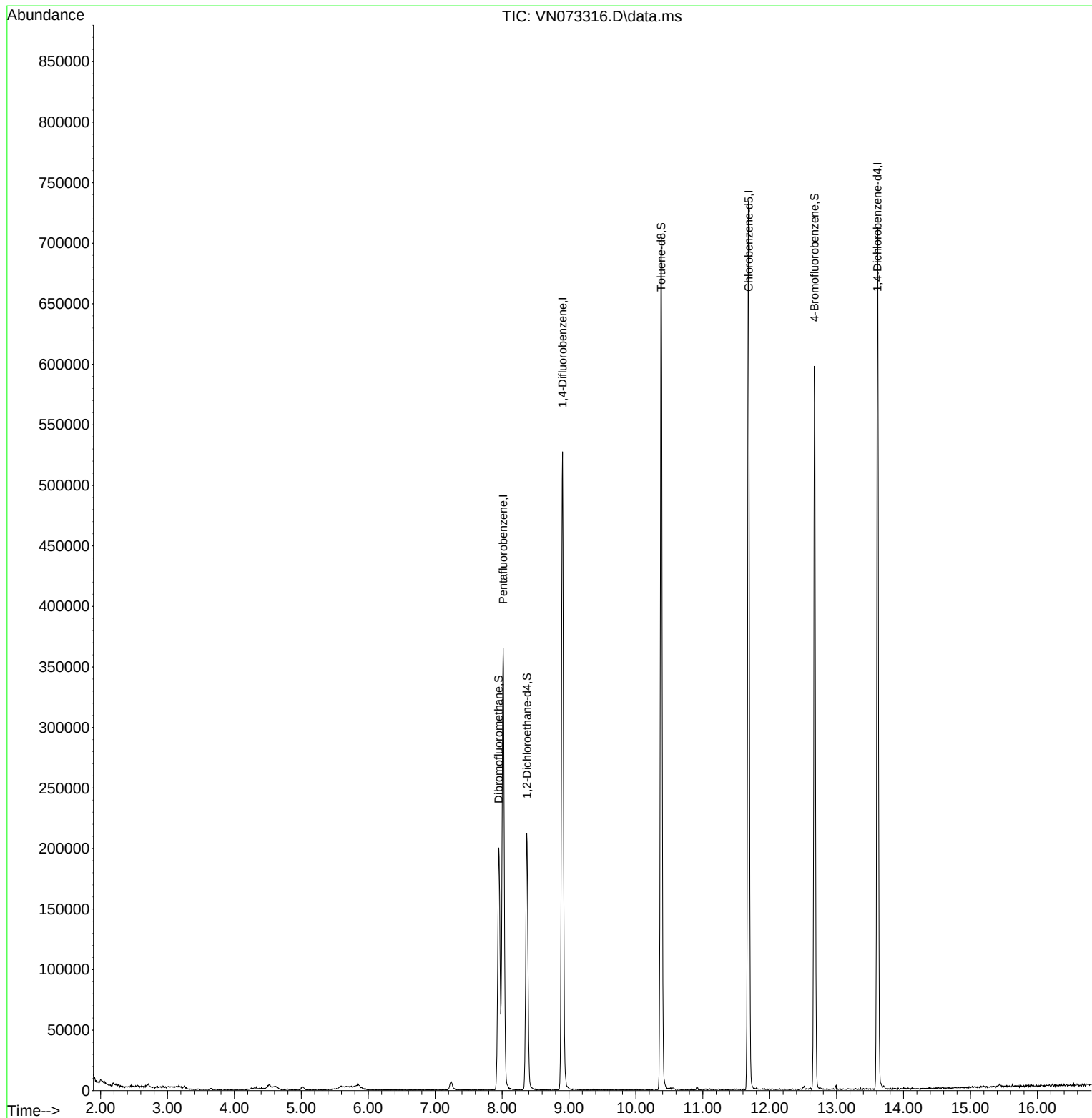
Target Compounds	Qvalue

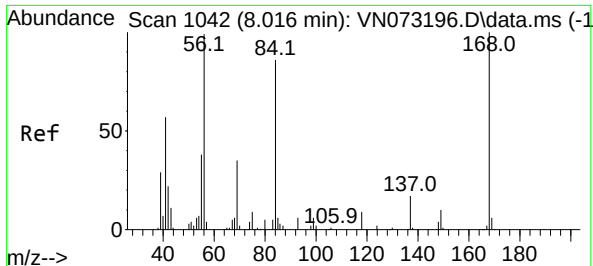
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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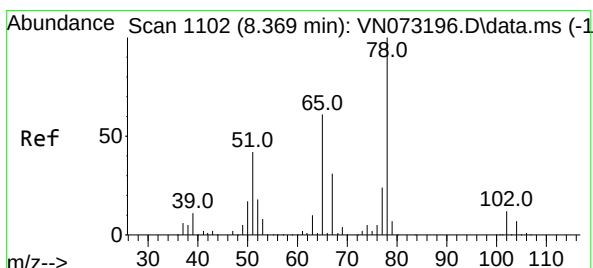
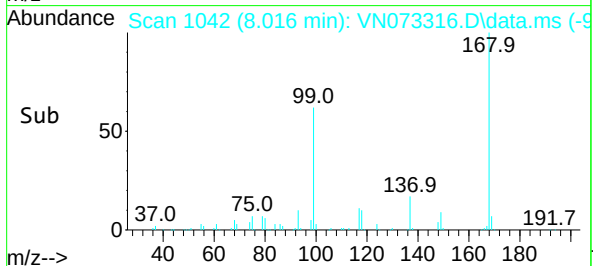
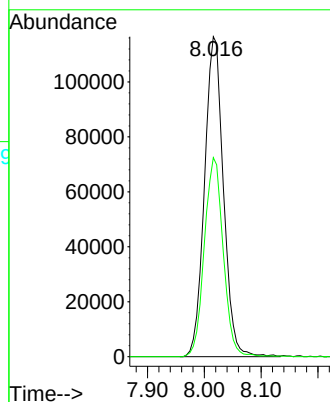
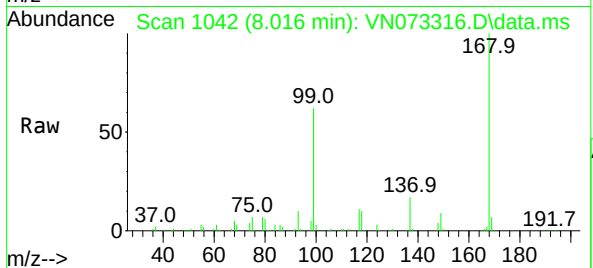




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN073316.D
Acq: 05 Jul 2022 15:34

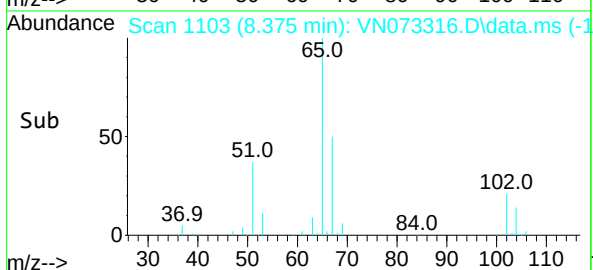
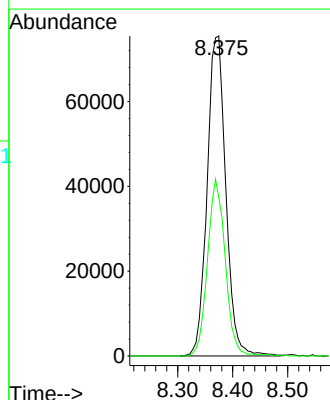
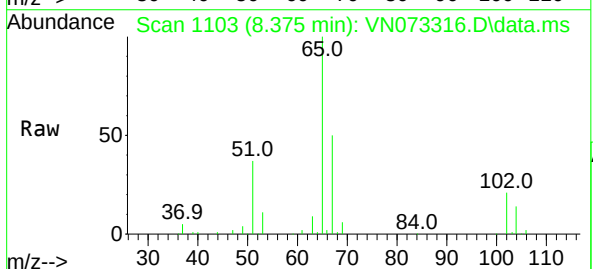
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW163S1-GW-20220607RE

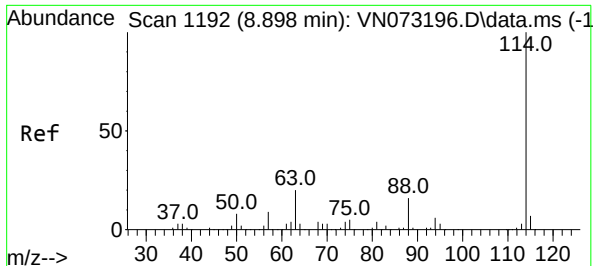
Tgt Ion:168 Resp: 268922
Ion Ratio Lower Upper
168 100
99 62.2 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 45.933 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073316.D
Acq: 05 Jul 2022 15:34

Tgt Ion: 65 Resp: 178320
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073316.D

Acq: 05 Jul 2022 15:34

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-MW163S1-GW-20220607RE

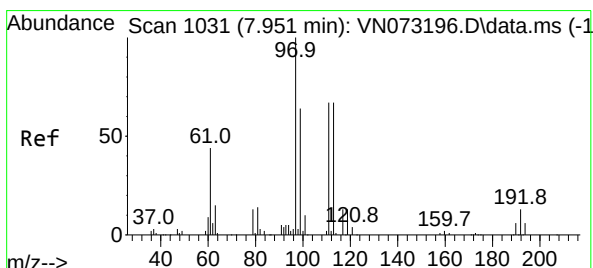
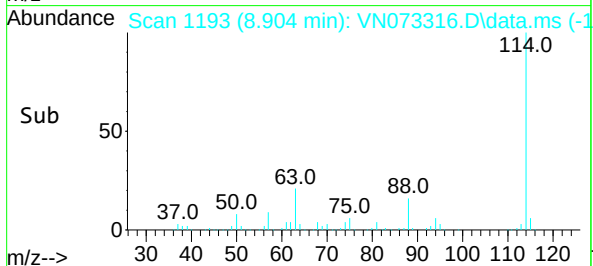
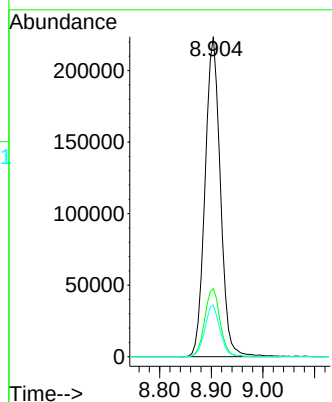
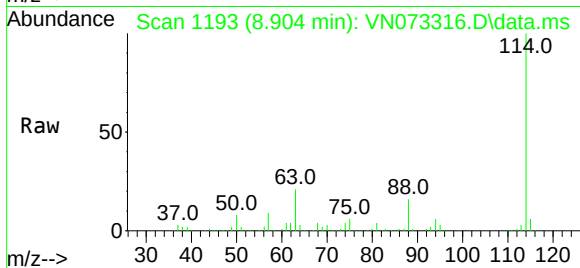
Tgt Ion:114 Resp: 460003

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.386 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073316.D

Acq: 05 Jul 2022 15:34

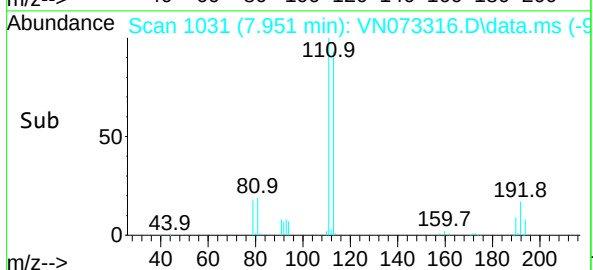
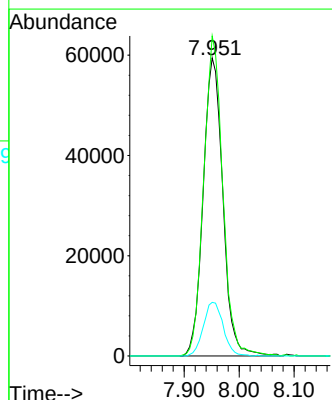
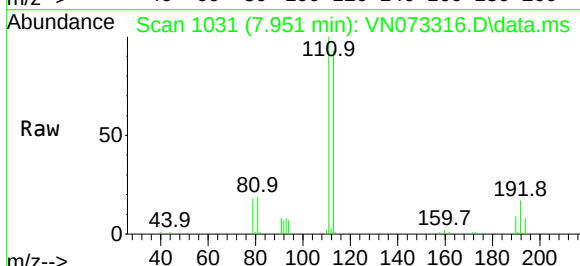
Tgt Ion:113 Resp: 148085

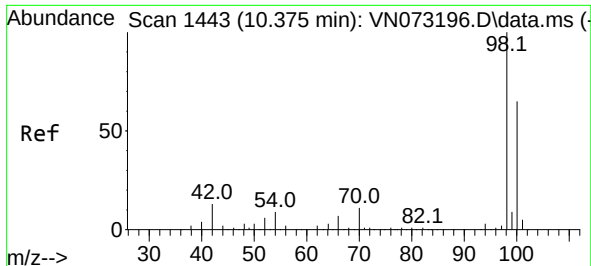
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 18.2 17.0 25.6

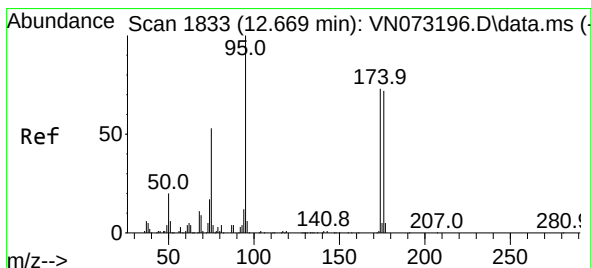
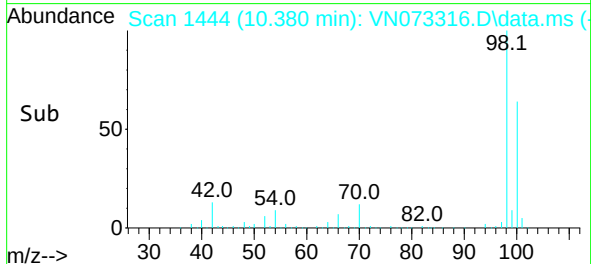
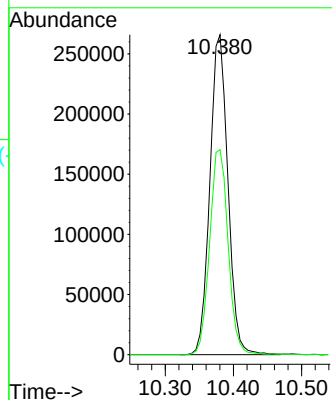
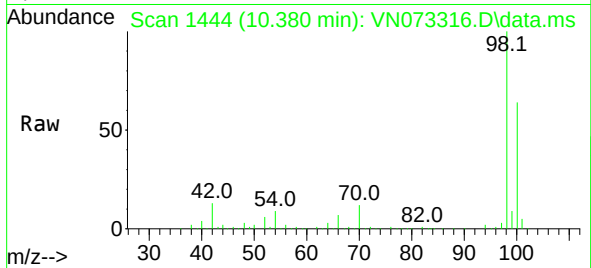




#50
Toluene-d8
Concen: 45.018 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073316.D
Acq: 05 Jul 2022 15:34

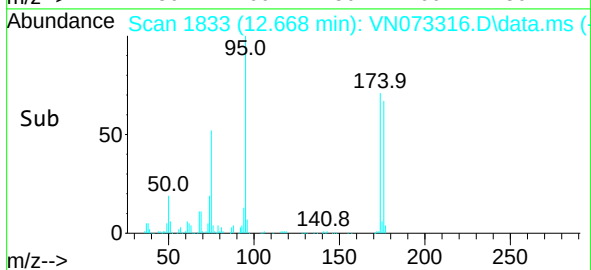
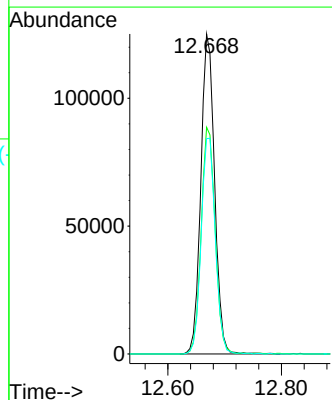
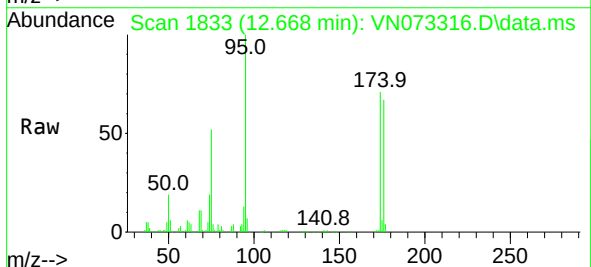
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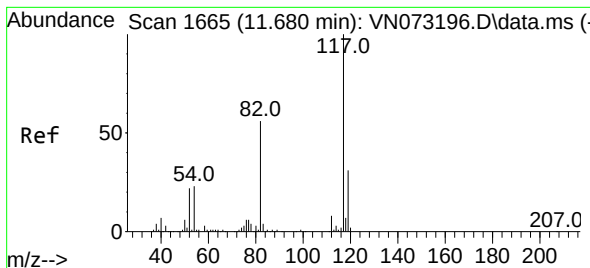
Tgt Ion: 98 Resp: 489339
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.415 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073316.D
Acq: 05 Jul 2022 15:34

Tgt Ion: 95 Resp: 210593
Ion Ratio Lower Upper
95 100
174 71.8 0.0 167.6
176 69.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073316.D

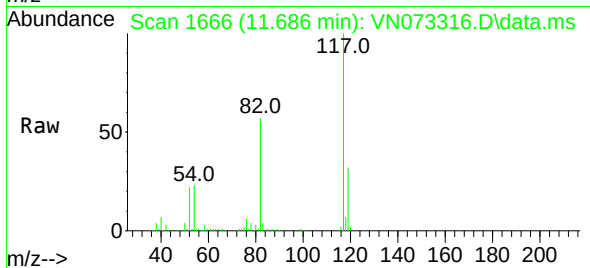
Acq: 05 Jul 2022 15:34

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-MW163S1-GW-20220607RE



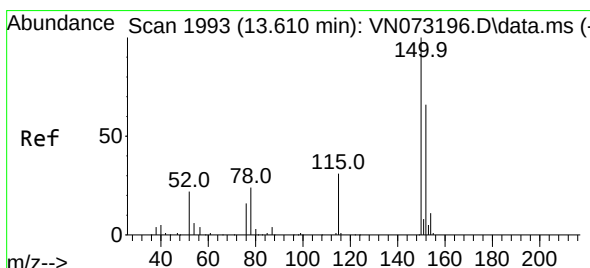
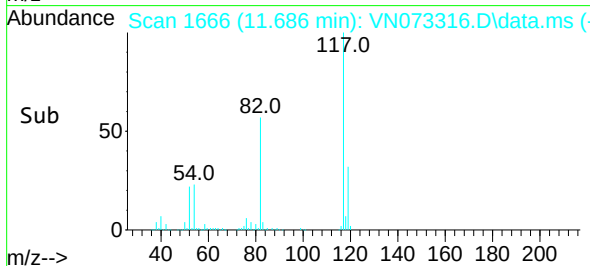
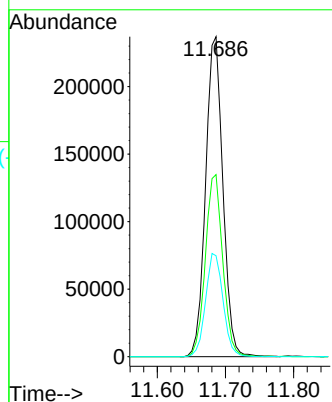
Tgt Ion:117 Resp: 417695

Ion Ratio Lower Upper

117 100

82 56.9 44.2 66.2

119 31.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.609 min Scan# 1993

Delta R.T. -0.001 min

Lab File: VN073316.D

Acq: 05 Jul 2022 15:34

Tgt Ion:152 Resp: 189360

Ion Ratio Lower Upper

152 100

115 61.6 28.9 86.7

150 160.1 0.0 356.2

