

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073177.D
 Acq On : 27 Jun 2022 22:33
 Operator : JC\MD
 Sample : VN0627WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBL02

Quant Time: Jun 28 06:40:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	351003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	558389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	518427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	258407	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	211113	44.487	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.980%
35) Dibromofluoromethane	7.951	113	176920	51.261	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.520%
50) Toluene-d8	10.374	98	585426	45.585	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.160%
62) 4-Bromofluorobenzene	12.668	95	265007	57.386	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.780%

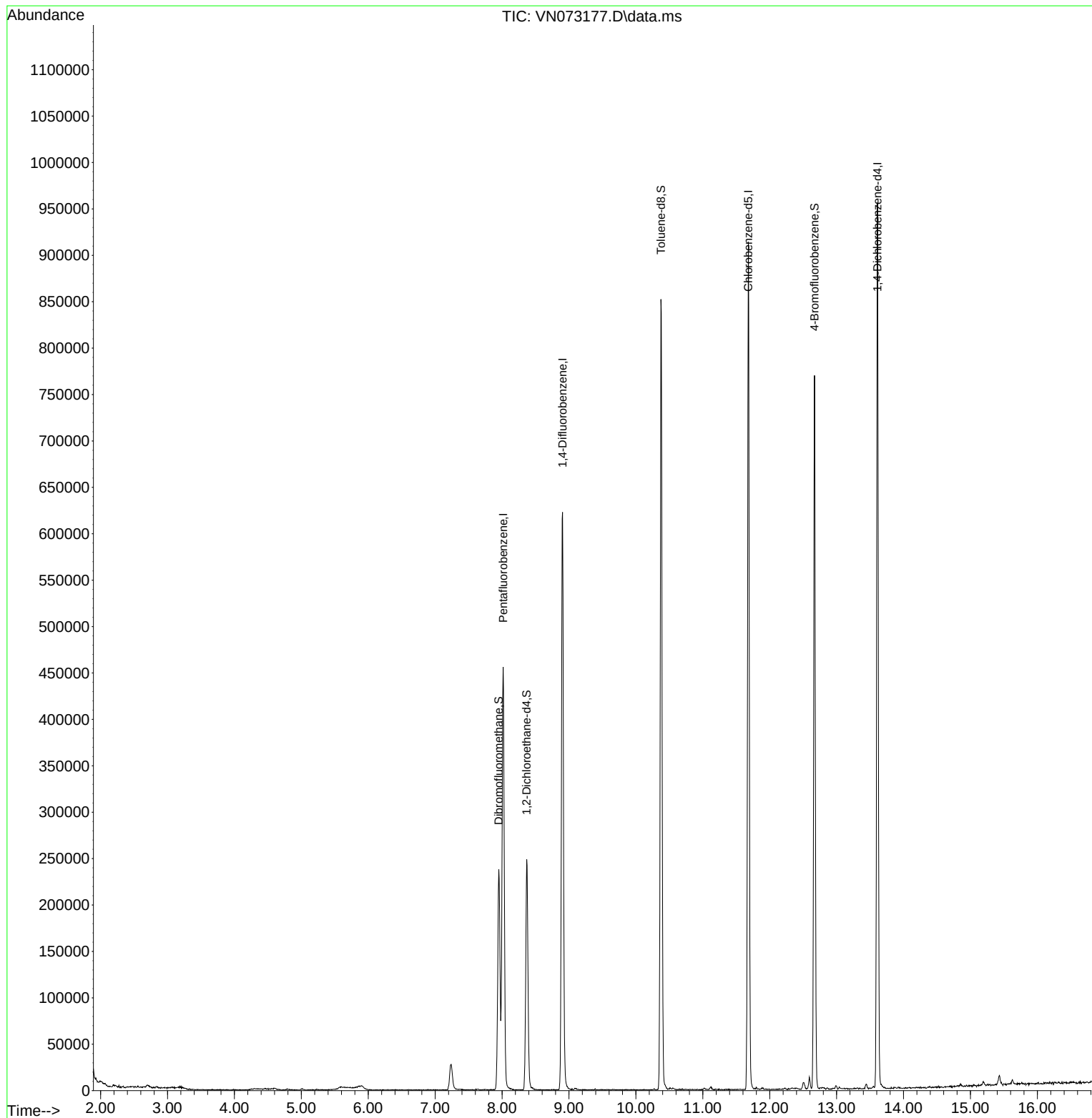
Target Compounds	Qvalue

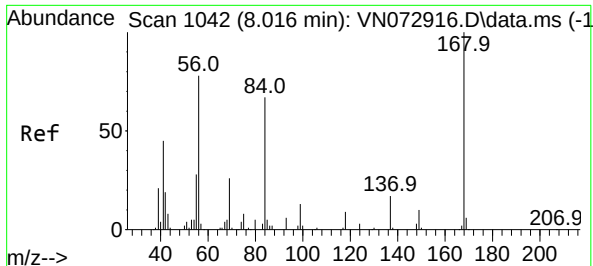
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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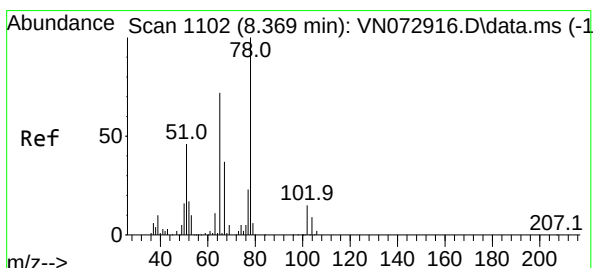
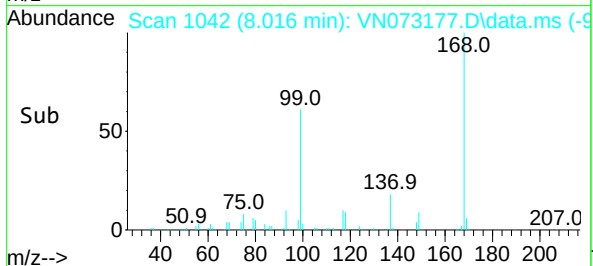
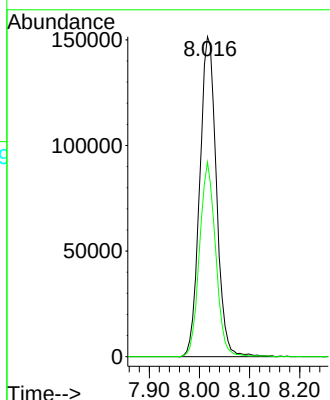
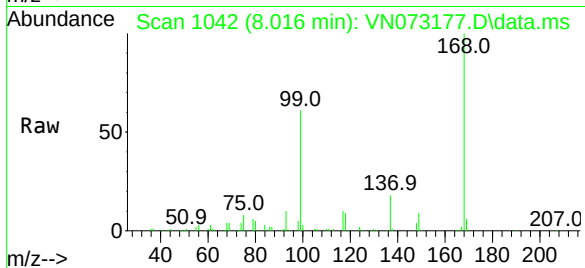




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

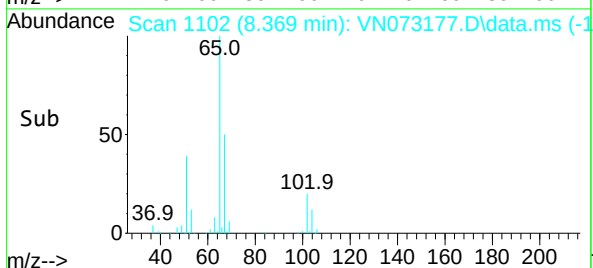
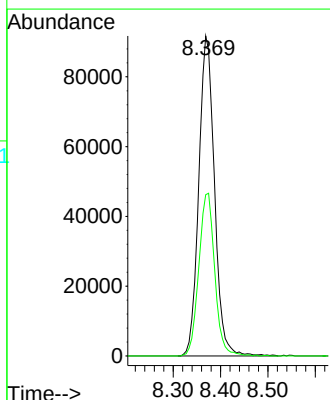
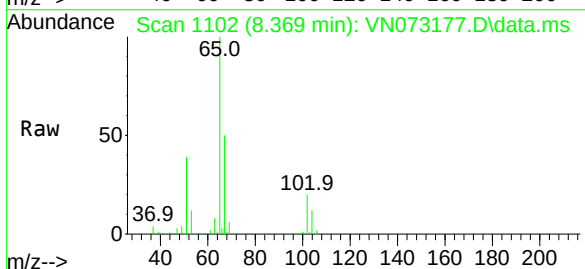
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL02

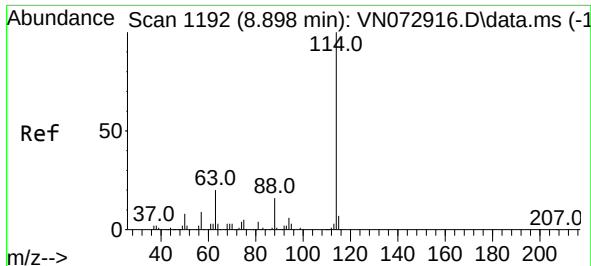
Tgt Ion:168 Resp: 351003
Ion Ratio Lower Upper
168 100
99 60.8 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.487 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

Tgt Ion: 65 Resp: 211113
Ion Ratio Lower Upper
65 100
67 51.5 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: VN073177.D

Acq: 27 Jun 2022 22:33

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBL02

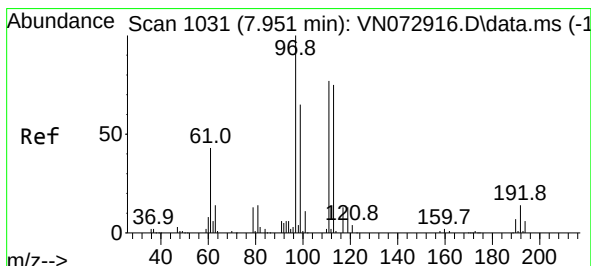
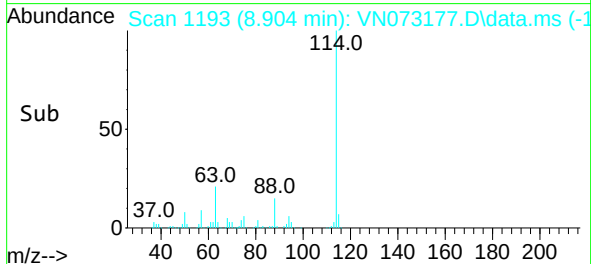
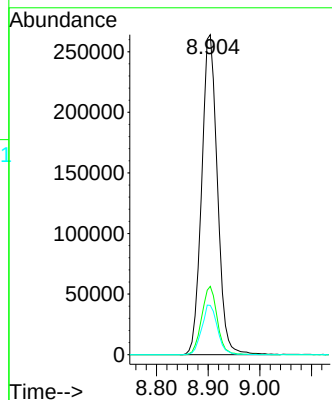
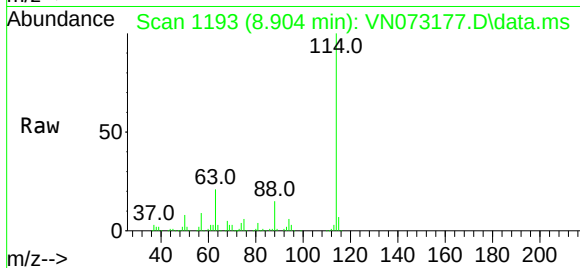
Tgt Ion:114 Resp: 558389

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.261 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073177.D

Acq: 27 Jun 2022 22:33

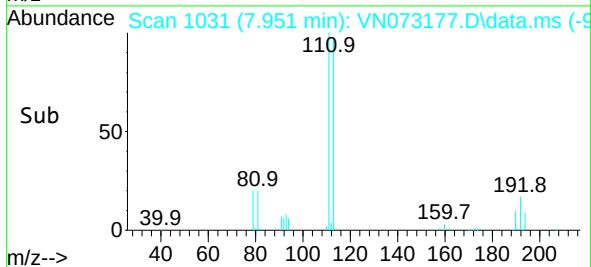
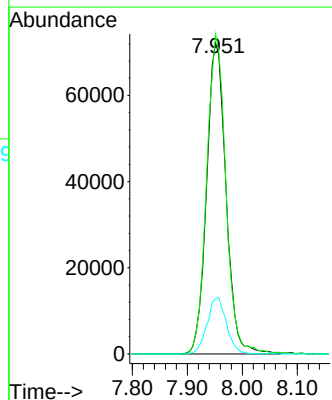
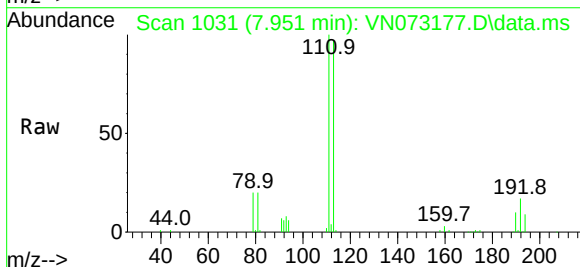
Tgt Ion:113 Resp: 176920

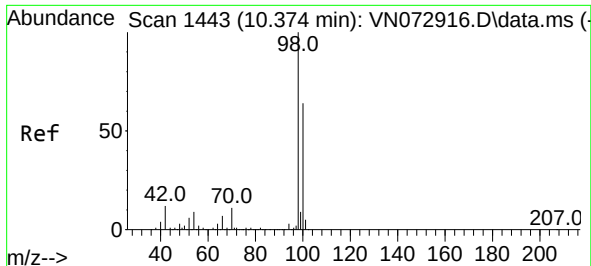
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 18.1 17.0 25.6

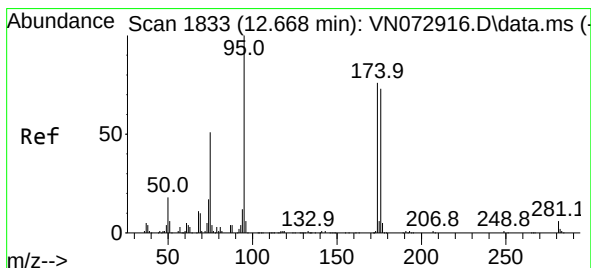
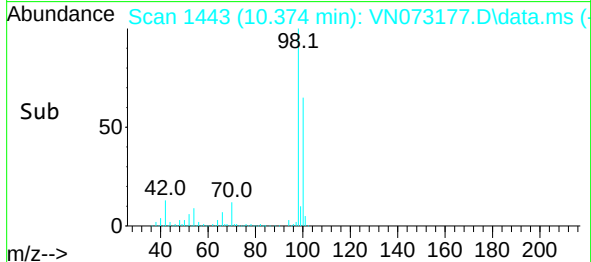
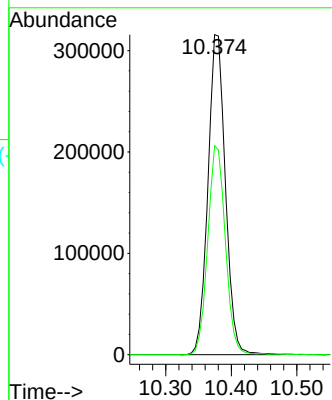
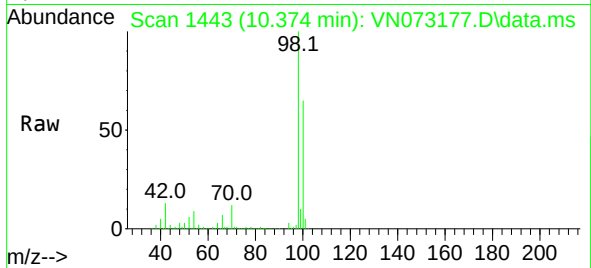




#50
Toluene-d8
Concen: 45.585 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

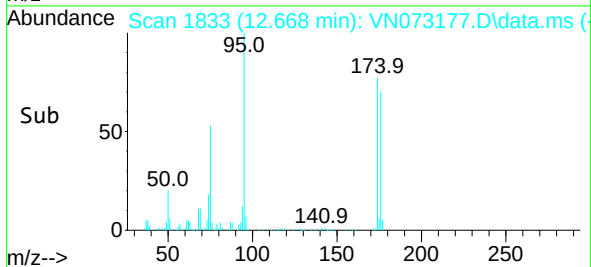
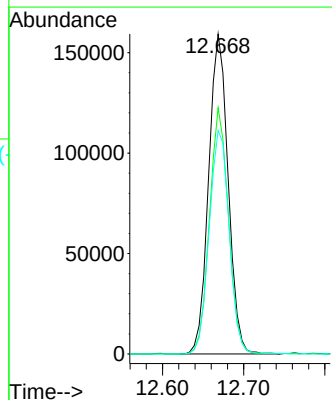
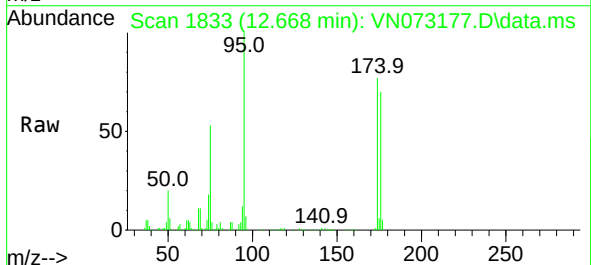
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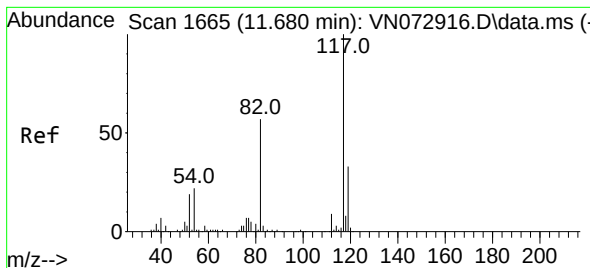
Tgt Ion: 98 Resp: 585426
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.386 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

Tgt Ion: 95 Resp: 265007
Ion Ratio Lower Upper
95 100
174 75.2 0.0 167.6
176 71.6 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073177.D

Acq: 27 Jun 2022 22:33

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBL02

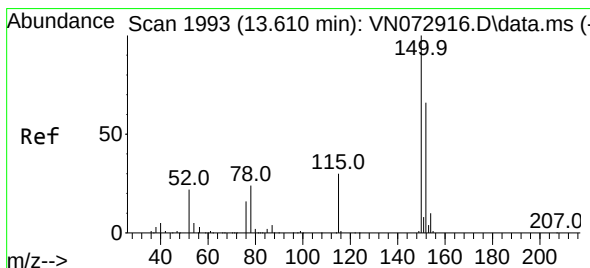
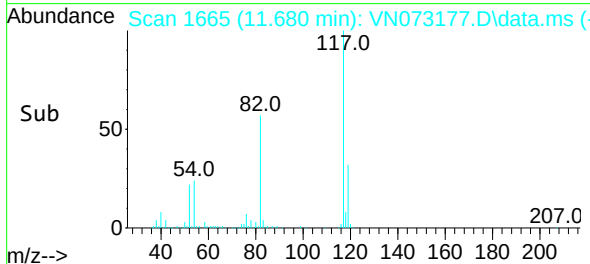
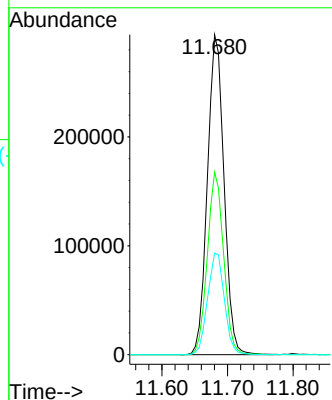
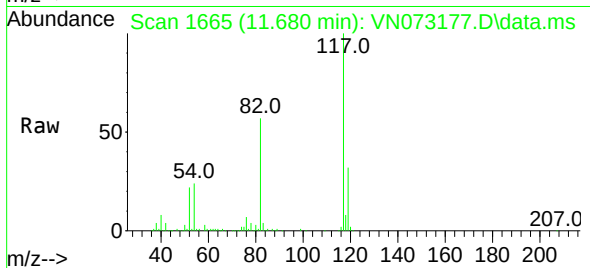
Tgt Ion:117 Resp: 518427

Ion Ratio Lower Upper

117 100

82 57.0 44.2 66.2

119 31.8 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: VN073177.D

Acq: 27 Jun 2022 22:33

Tgt Ion:152 Resp: 258407

Ion Ratio Lower Upper

152 100

115 59.0 28.9 86.7

150 155.0 0.0 356.2

