

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073338.D
 Acq On : 06 Jul 2022 12:10
 Operator : JC\MD
 Sample : N3562-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP

Quant Time: Jul 07 04:21:47 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	253210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	427165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	387138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	179184	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	163778	44.805	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.600%
35) Dibromofluoromethane	7.951	113	137142	48.256	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	10.380	98	442349	43.824	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.640%
62) 4-Bromofluorobenzene	12.674	95	186363	48.044	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.080%

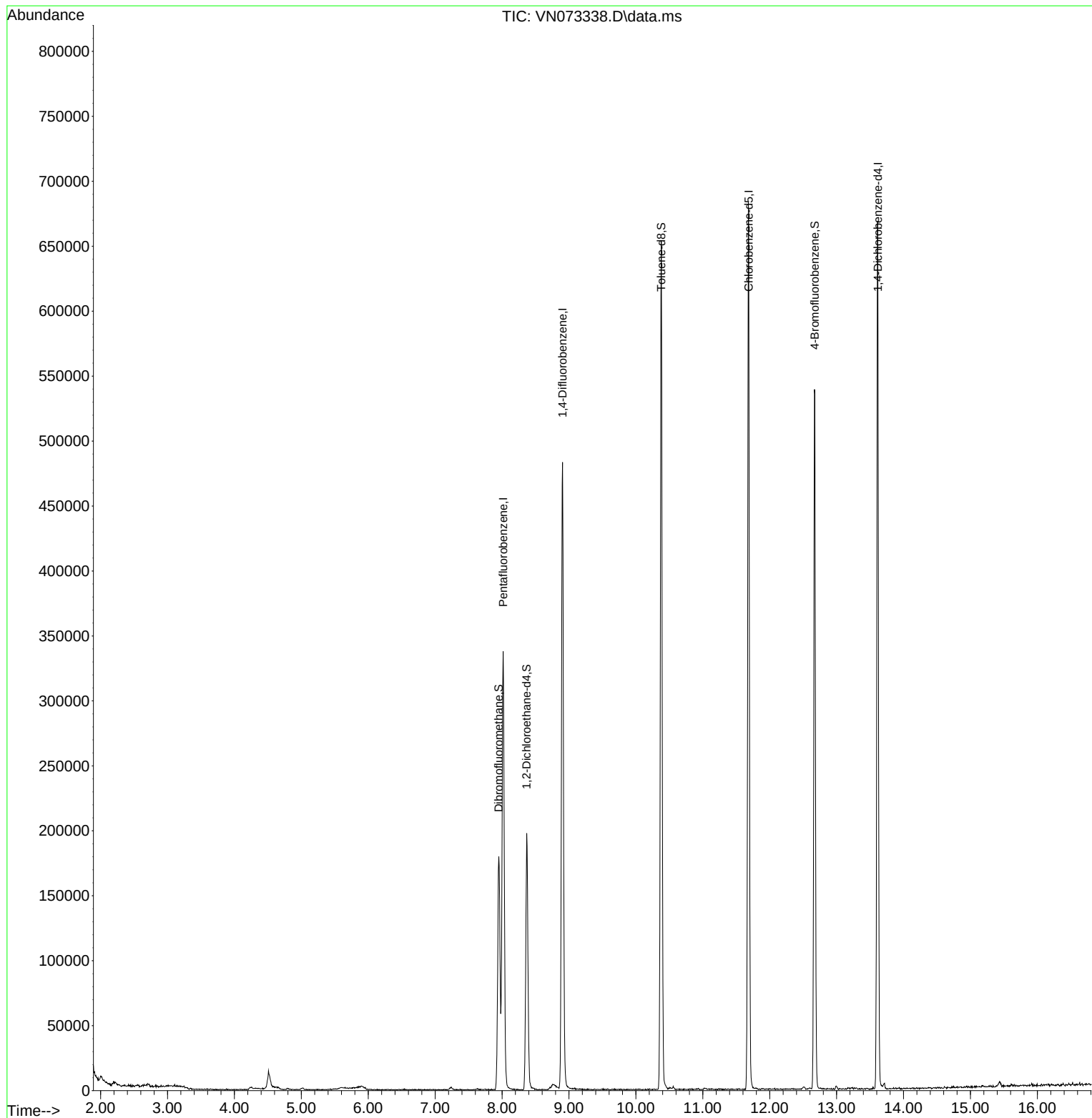
Target Compounds	Qvalue

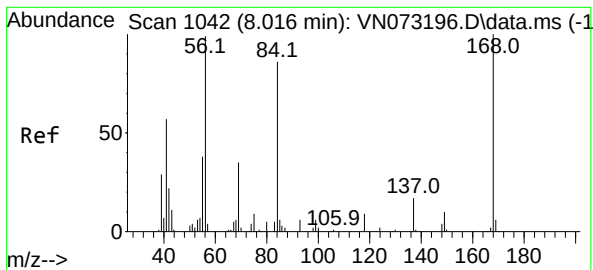
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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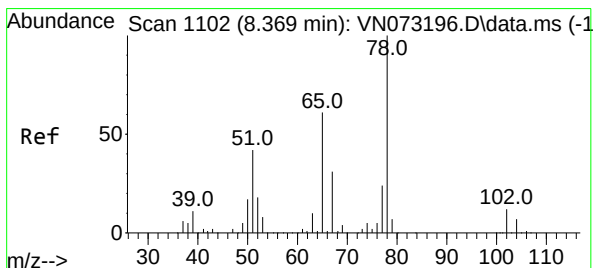
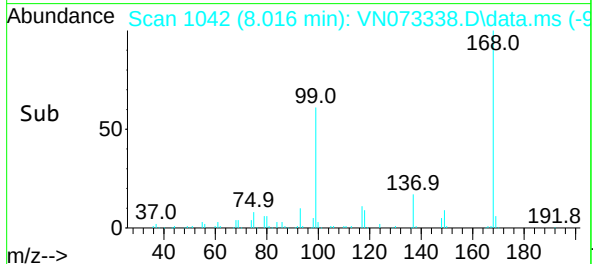
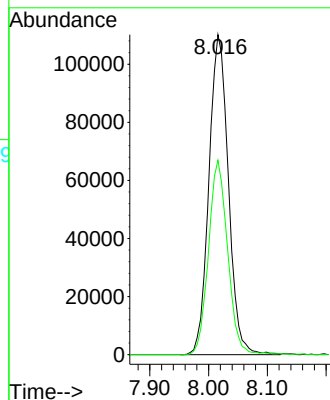
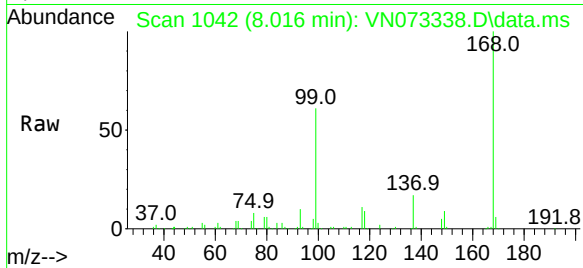




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073338.D
Acq: 06 Jul 2022 12:10

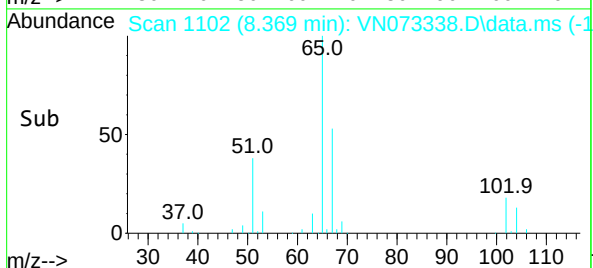
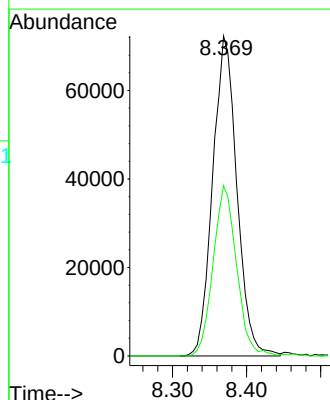
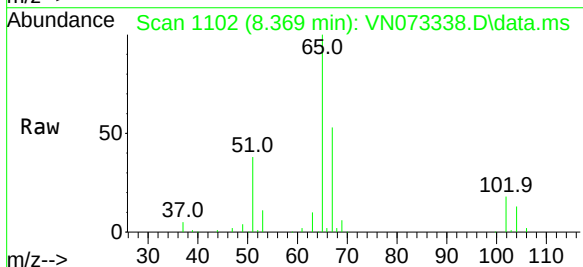
Instrument :
MSVOA_N
ClientSampleId :
TP

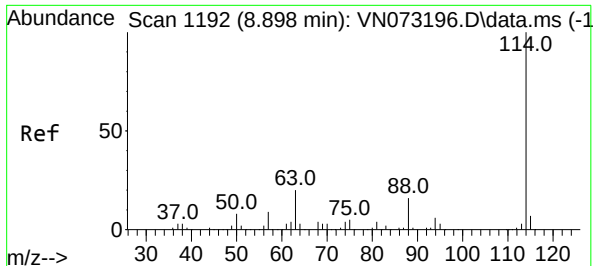
Tgt Ion:168 Resp: 253210
Ion Ratio Lower Upper
168 100
99 60.7 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.805 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073338.D
Acq: 06 Jul 2022 12:10

Tgt Ion: 65 Resp: 163778
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: VN073338.D

Acq: 06 Jul 2022 12:10

Instrument :

MSVOA_N

ClientSampleId :

TP

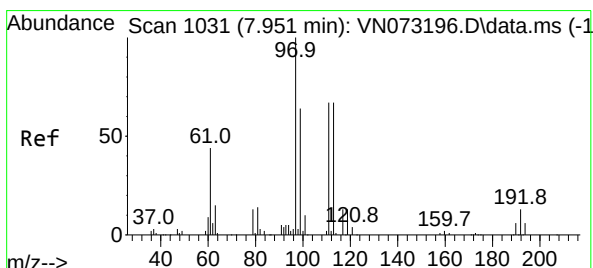
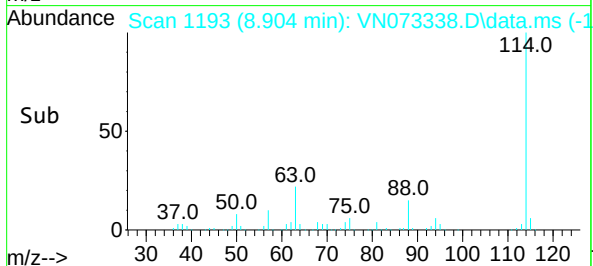
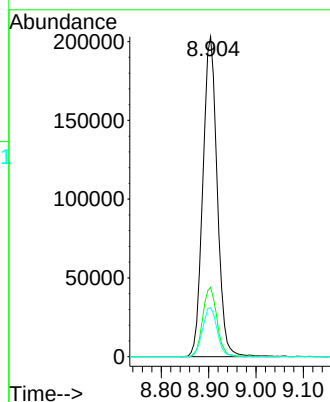
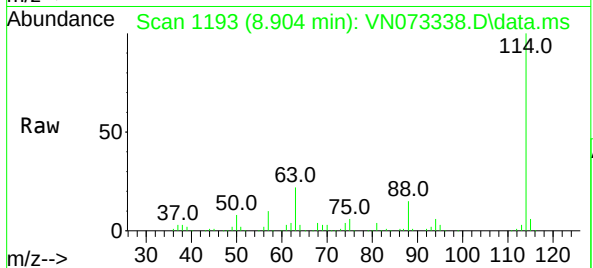
Tgt Ion:114 Resp: 427165

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.256 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073338.D

Acq: 06 Jul 2022 12:10

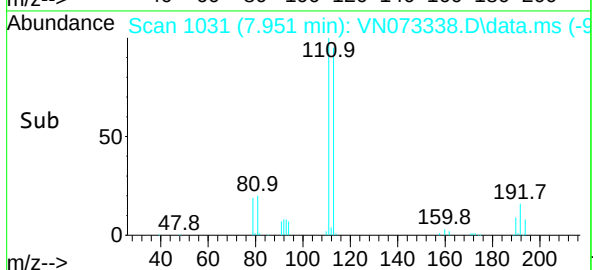
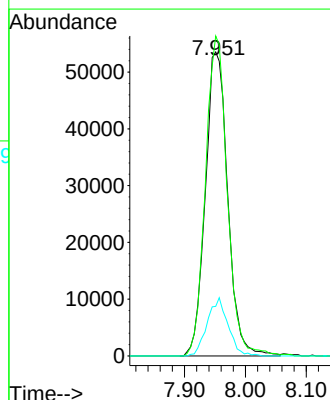
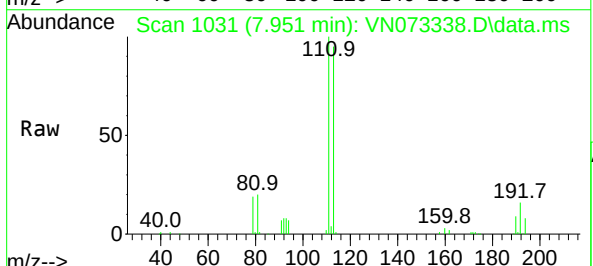
Tgt Ion:113 Resp: 137142

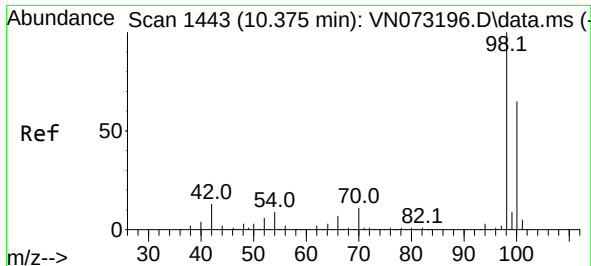
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 17.8 17.0 25.6

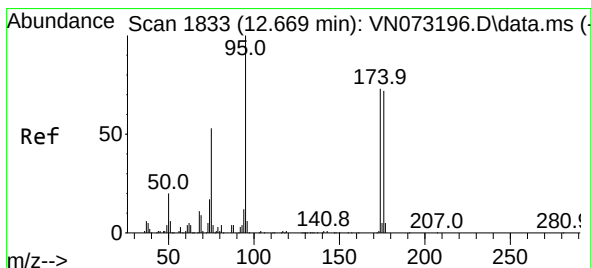
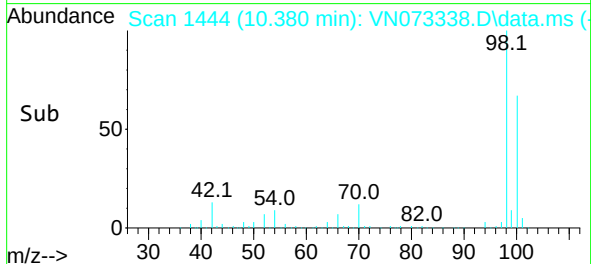
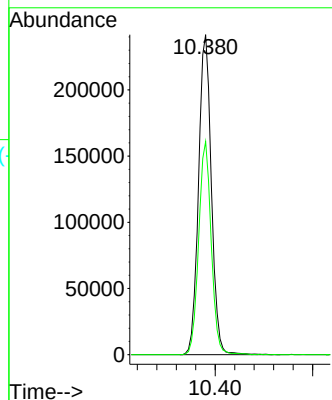
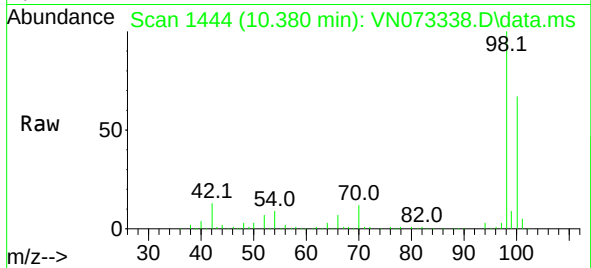




#50
Toluene-d8
Concen: 43.824 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073338.D
Acq: 06 Jul 2022 12:10

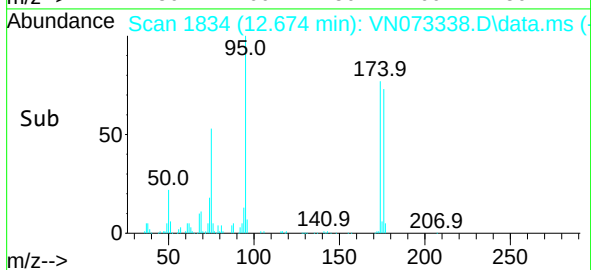
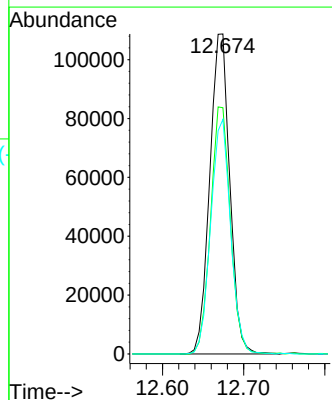
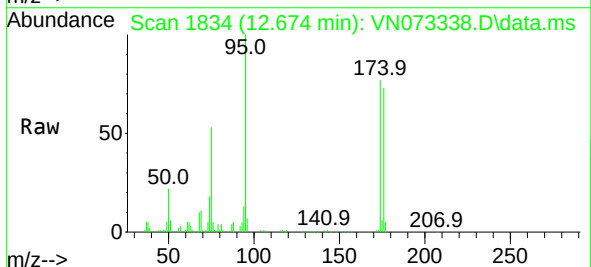
Instrument :
MSVOA_N
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TP

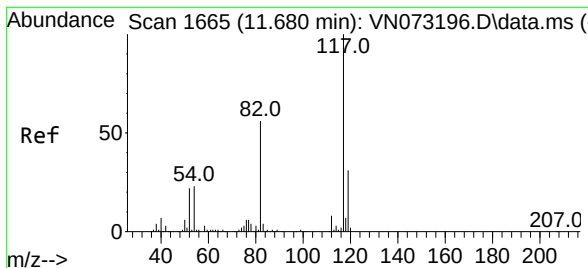
Tgt Ion: 98 Resp: 442349
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.044 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073338.D
Acq: 06 Jul 2022 12:10

Tgt Ion: 95 Resp: 186363
Ion Ratio Lower Upper
95 100
174 76.3 0.0 167.6
176 72.6 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1166

Delta R.T. 0.006 min

Lab File: VN073338.D

Acq: 06 Jul 2022 12:10

Instrument :

MSVOA_N

ClientSampleId :

TP

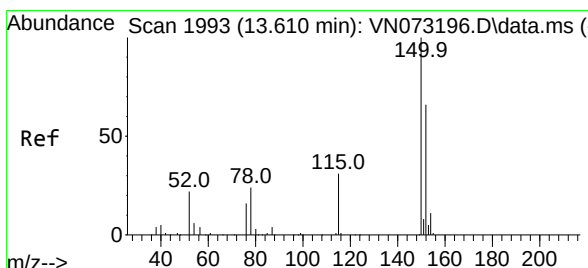
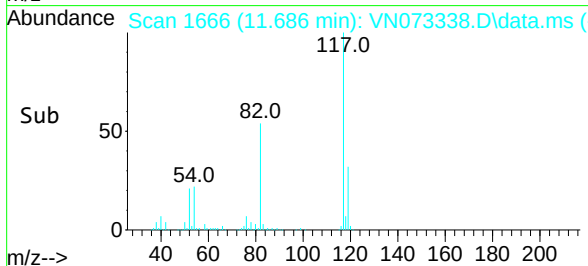
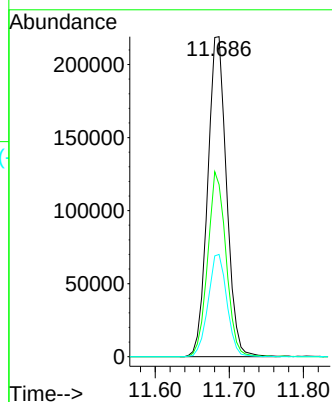
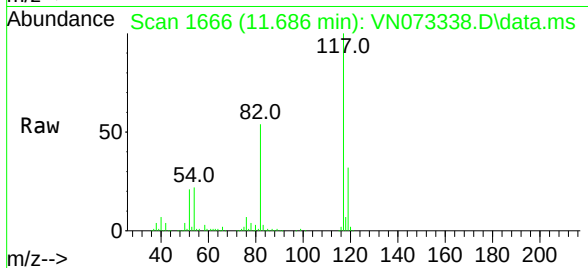
Tgt Ion:117 Resp: 387138

Ion Ratio Lower Upper

117 100

82 53.8 44.2 66.2

119 31.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN073338.D

Acq: 06 Jul 2022 12:10

Tgt Ion:152 Resp: 179184

Ion Ratio Lower Upper

152 100

115 59.1 28.9 86.7

150 155.9 0.0 356.2

