

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073217.D
 Acq On : 28 Jun 2022 23:28
 Operator : JC\MD
 Sample : N3409-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB061722

Quant Time: Jun 29 02:04:51 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	367052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	604065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	547365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	255515	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	228456	43.115	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.220%
35) Dibromofluoromethane	7.951	113	193880	48.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.480%
50) Toluene-d8	10.375	98	639831	44.825	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.660%
62) 4-Bromofluorobenzene	12.669	95	275347	50.196	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.400%

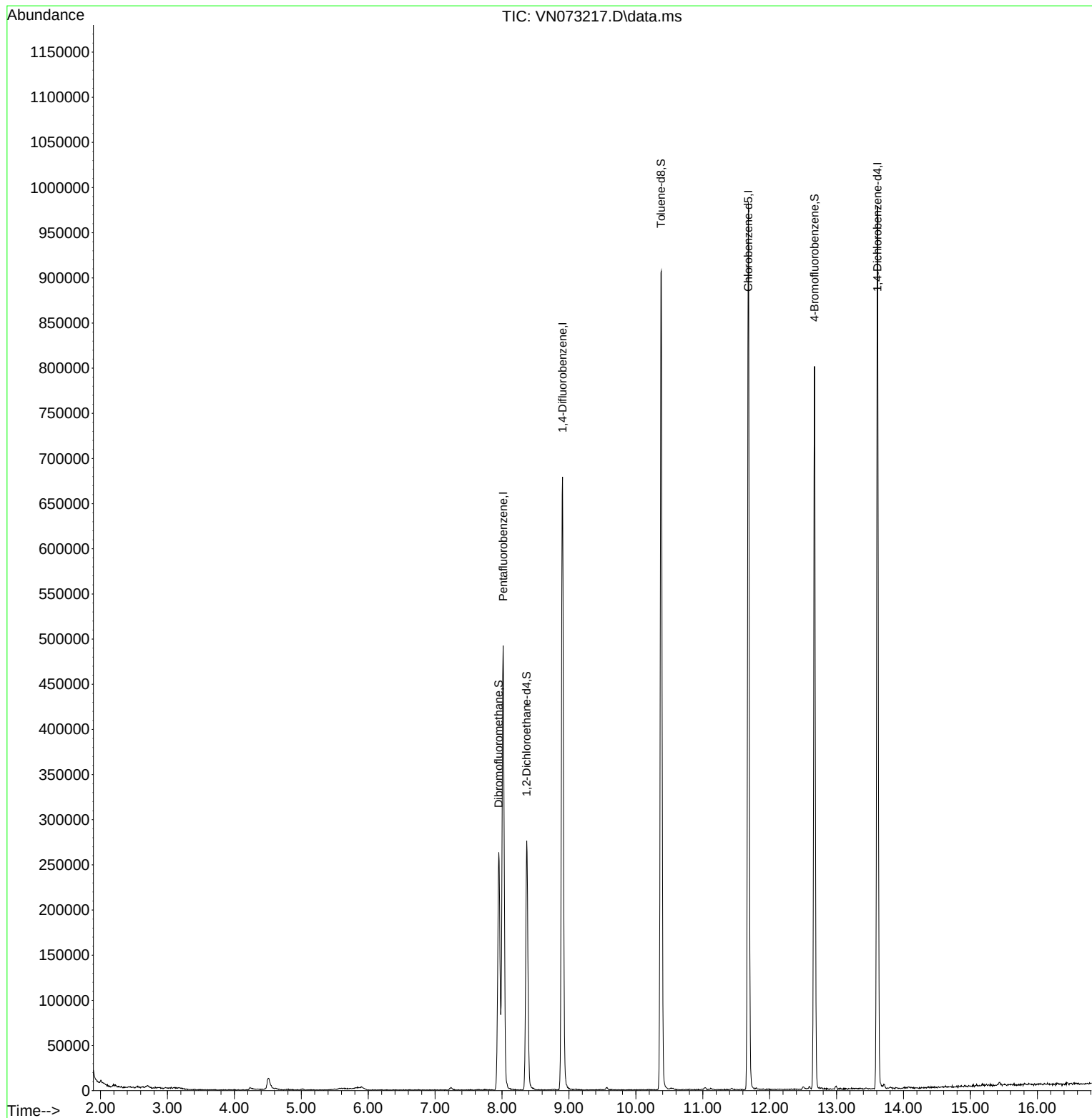
Target Compounds	Qvalue

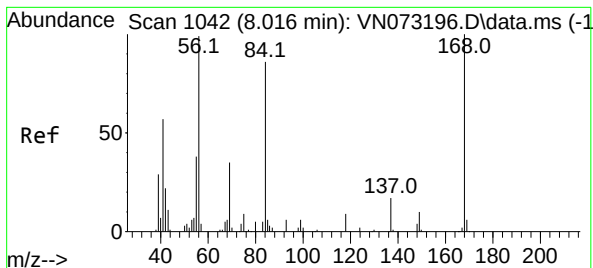
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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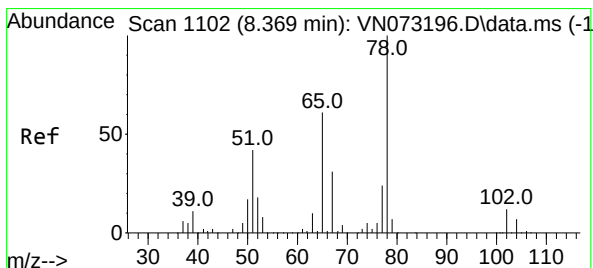
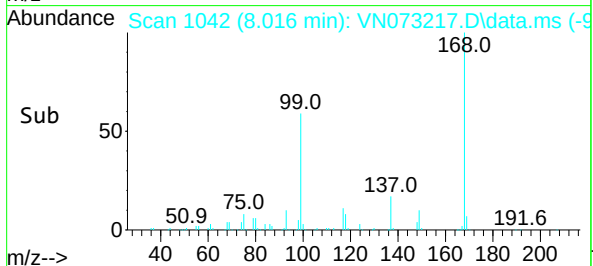
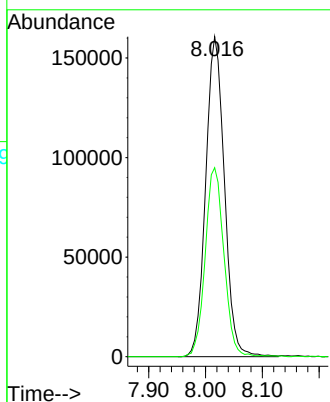
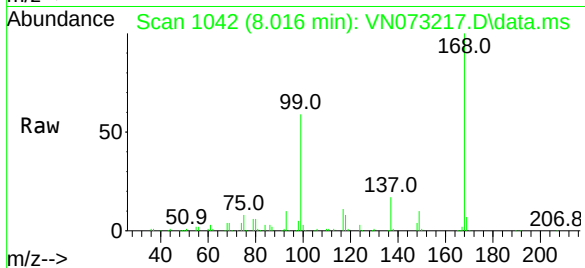




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073217.D
Acq: 28 Jun 2022 23:28

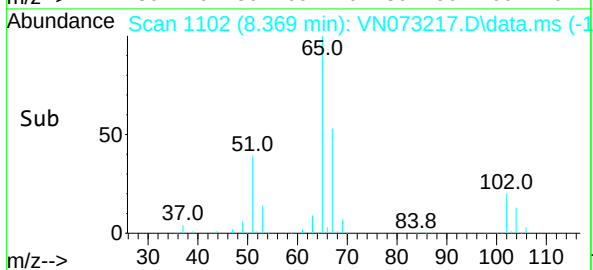
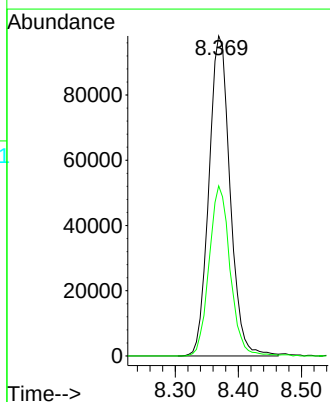
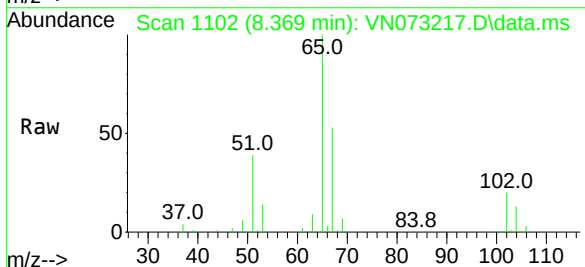
Instrument :
MSVOA_N
ClientSampleId :
TB061722

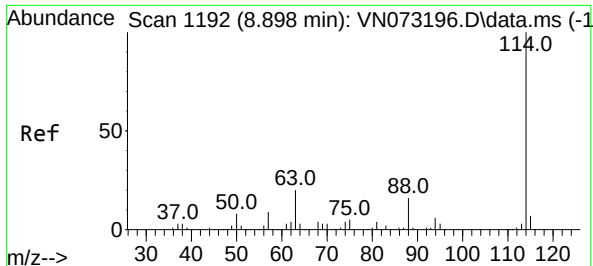
Tgt Ion:168 Resp: 367052
Ion Ratio Lower Upper
168 100
99 59.1 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 43.115 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073217.D
Acq: 28 Jun 2022 23:28

Tgt Ion: 65 Resp: 228456
Ion Ratio Lower Upper
65 100
67 52.7 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: VN073217.D

Acq: 28 Jun 2022 23:28

Instrument :

MSVOA_N

ClientSampleId :

TB061722

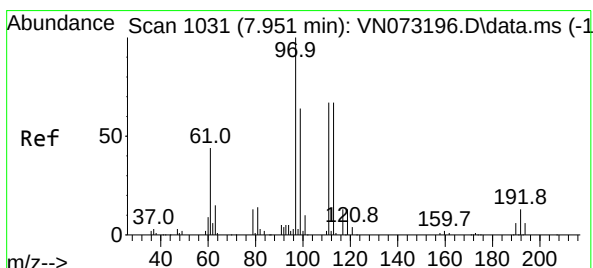
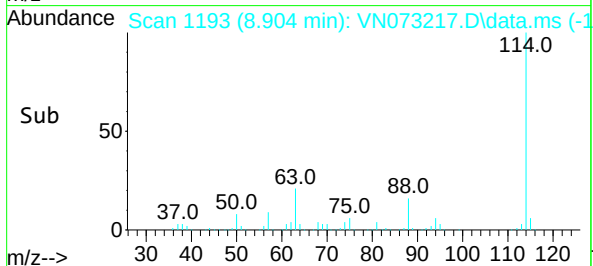
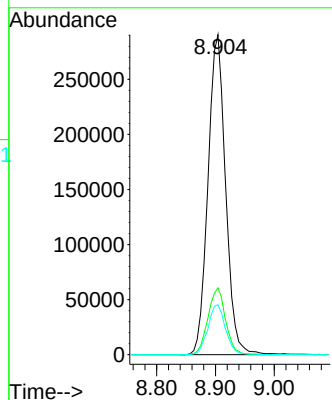
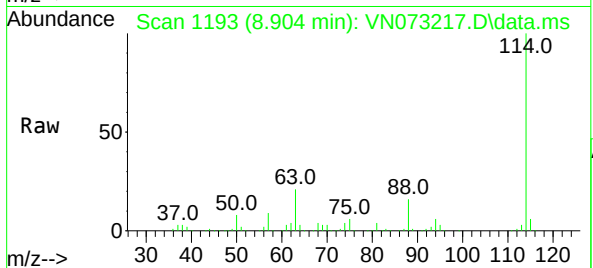
Tgt Ion:114 Resp: 604065

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.242 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073217.D

Acq: 28 Jun 2022 23:28

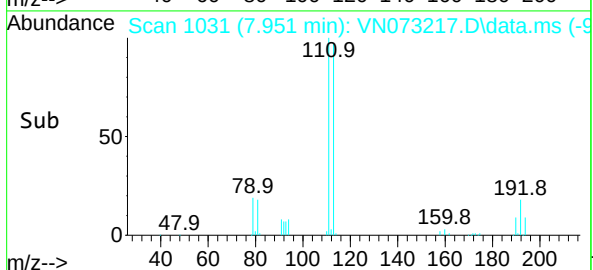
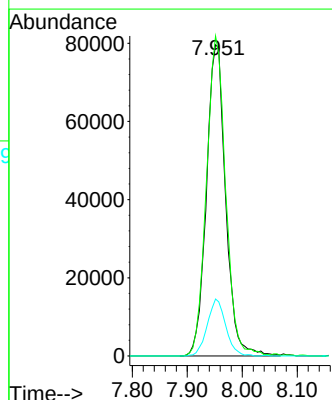
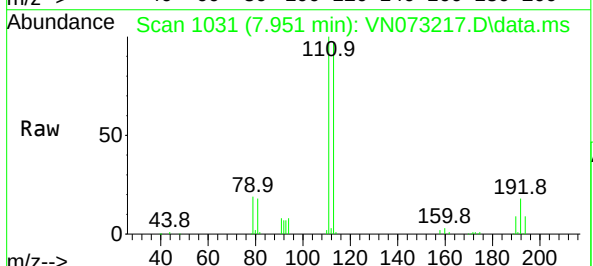
Tgt Ion:113 Resp: 193880

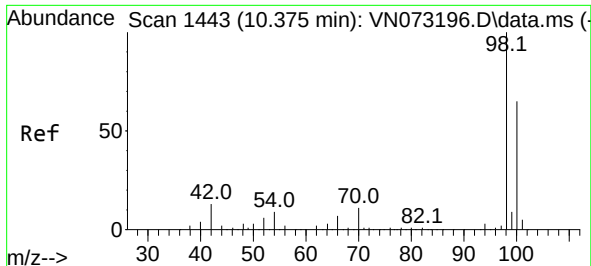
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 17.6 17.0 25.6

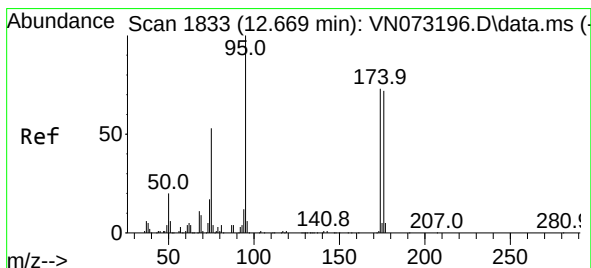
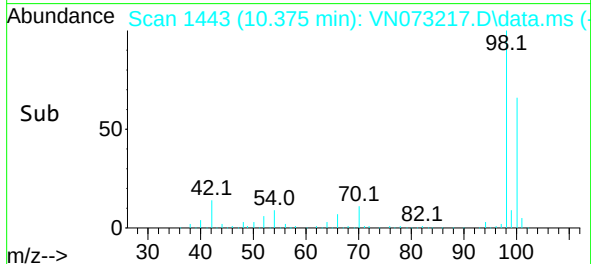
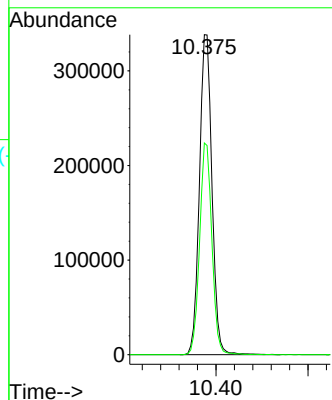
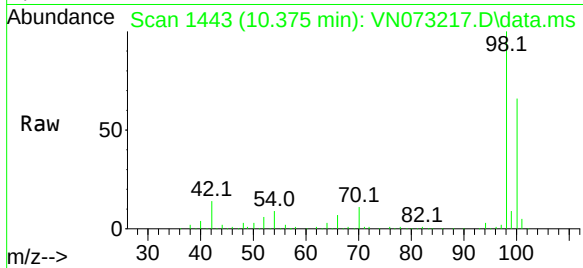




#50
Toluene-d8
Concen: 44.825 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073217.D
Acq: 28 Jun 2022 23:28

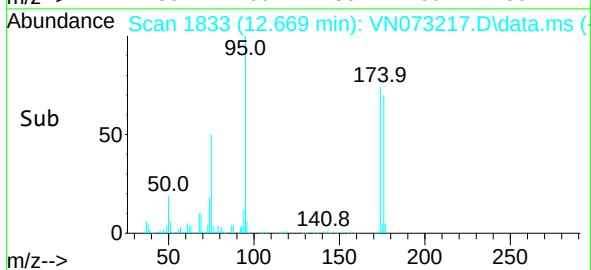
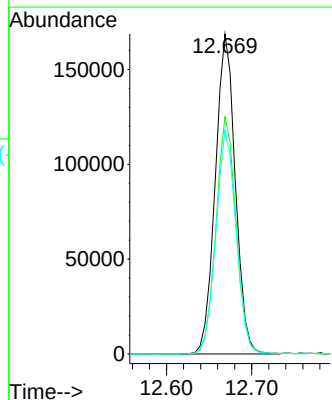
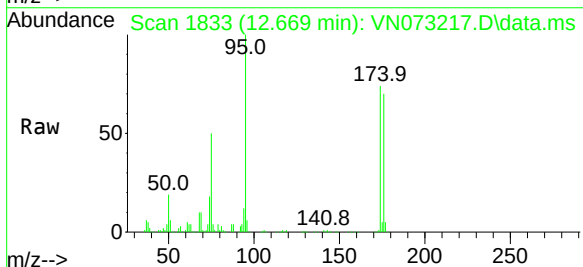
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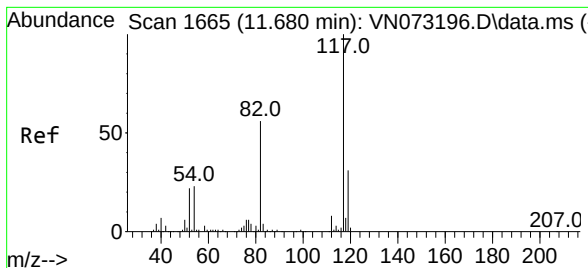
Tgt Ion: 98 Resp: 639831
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.196 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073217.D
Acq: 28 Jun 2022 23:28

Tgt Ion: 95 Resp: 275347
Ion Ratio Lower Upper
95 100
174 74.1 0.0 167.6
176 70.9 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: VN073217.D

Acq: 28 Jun 2022 23:28

Instrument :

MSVOA_N

ClientSampleId :

TB061722

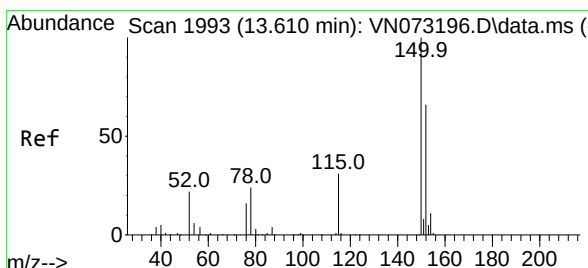
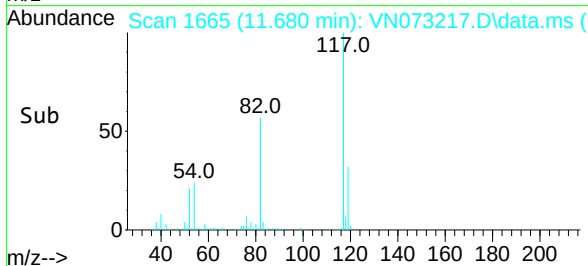
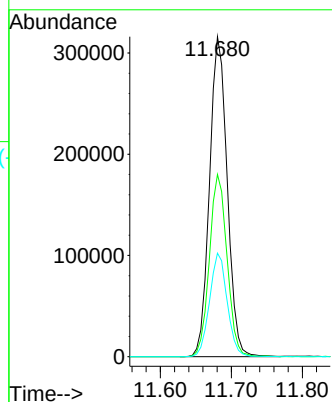
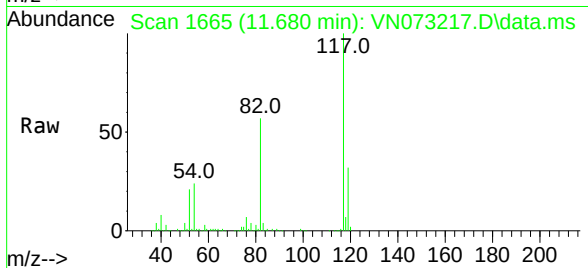
Tgt Ion:117 Resp: 547365

Ion Ratio Lower Upper

117 100

82 56.9 44.2 66.2

119 32.3 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: VN073217.D

Acq: 28 Jun 2022 23:28

Tgt Ion:152 Resp: 255515

Ion Ratio Lower Upper

152 100

115 60.4 28.9 86.7

150 158.1 0.0 356.2

