

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073266.D
 Acq On : 30 Jun 2022 15:24
 Operator : JC\MD
 Sample : N3554-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-01-60

Quant Time: Jul 01 08:07:52 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	310216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	515786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	481640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	232012	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	195317	43.614	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.220%
35) Dibromofluoromethane	7.951	113	167188	48.720	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.440%
50) Toluene-d8	10.380	98	544593	44.683	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.360%
62) 4-Bromofluorobenzene	12.668	95	239156	51.061	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.120%

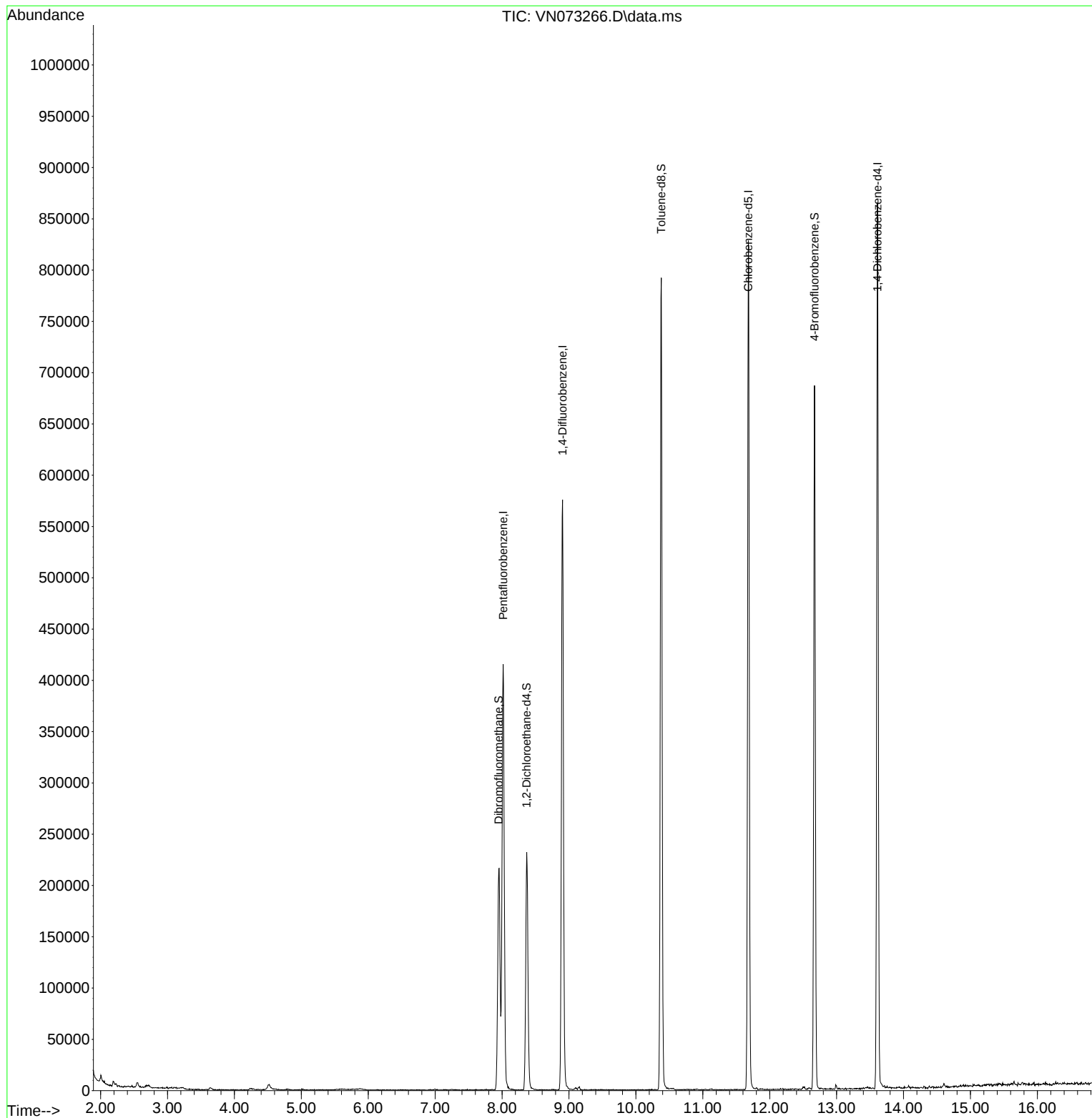
Target Compounds	Qvalue

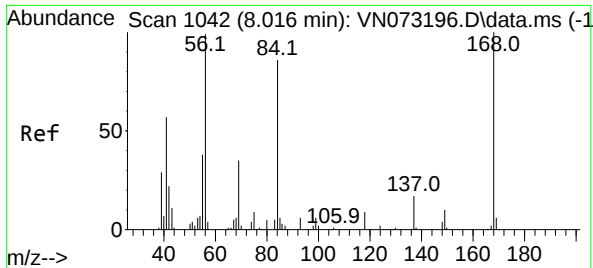
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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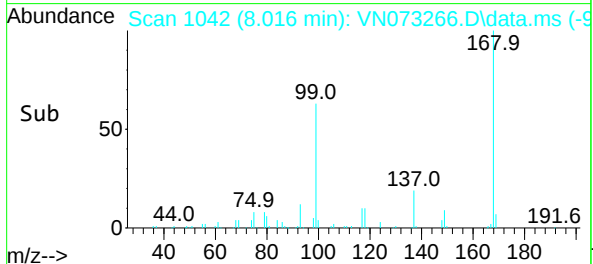
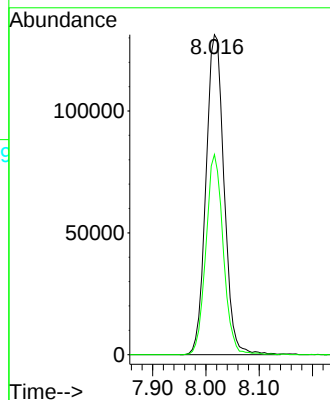
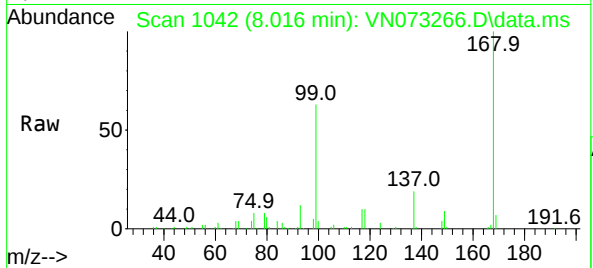




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073266.D
Acq: 30 Jun 2022 15:24

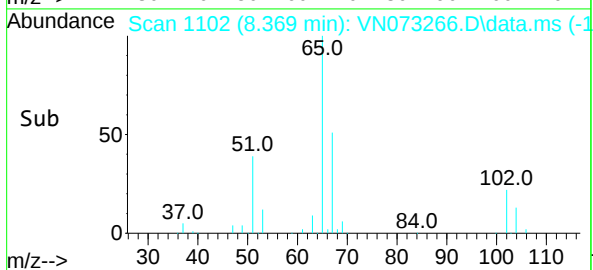
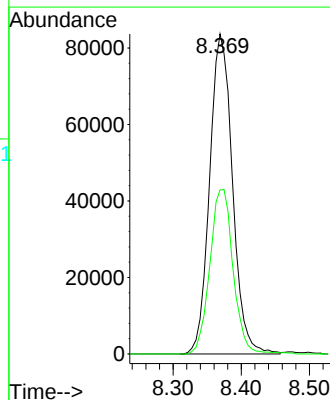
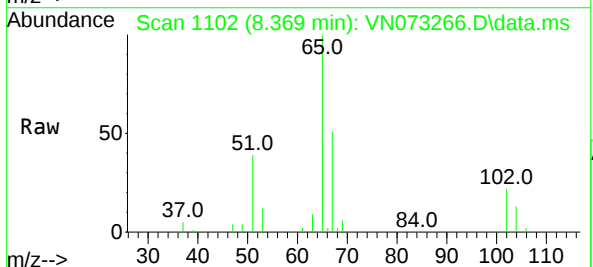
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-01-60

Tgt Ion:168 Resp: 310216
Ion Ratio Lower Upper
168 100
99 62.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 43.614 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073266.D
Acq: 30 Jun 2022 15:24

Tgt Ion: 65 Resp: 195317
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# 1192

Delta R.T. 0.006 min

Lab File: VN073266.D

Acq: 30 Jun 2022 15:24

Instrument :

MSVOA_N

ClientSampleId :

152140-SPC-01-60

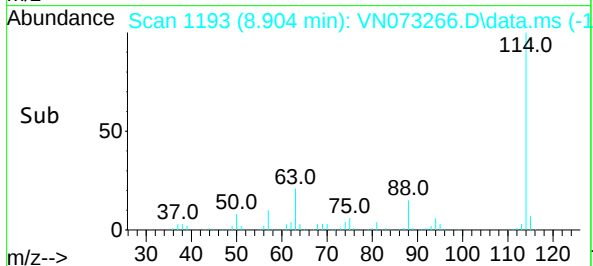
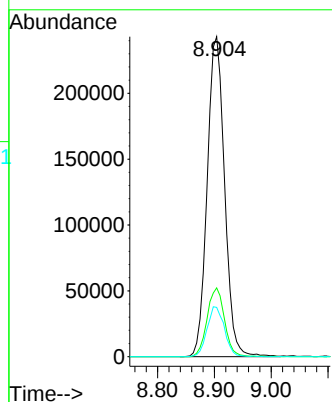
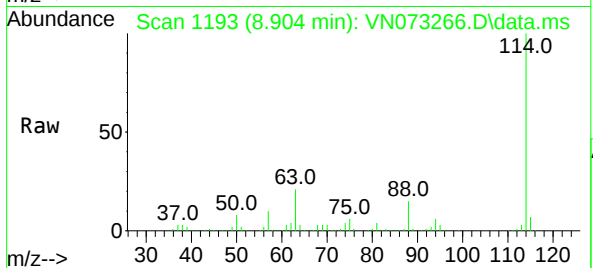
Tgt Ion:114 Resp: 515786

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.720 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073266.D

Acq: 30 Jun 2022 15:24

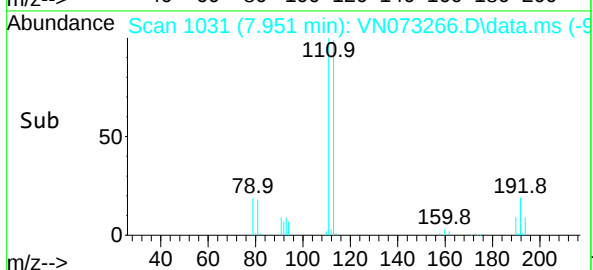
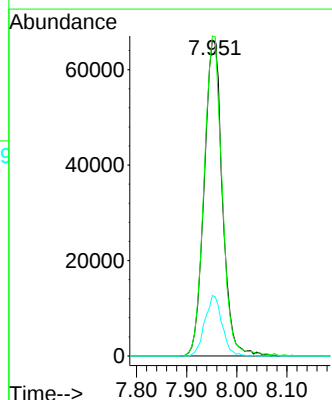
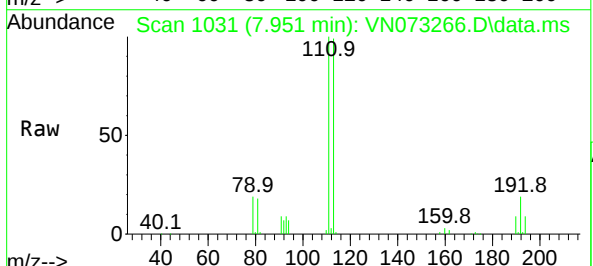
Tgt Ion:113 Resp: 167188

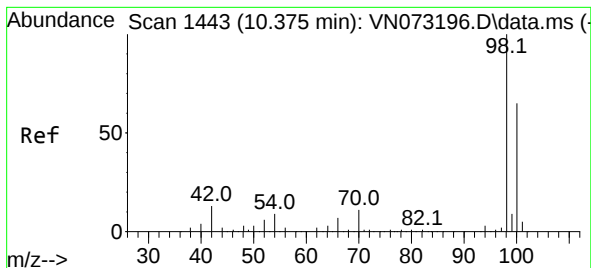
Ion Ratio Lower Upper

113 100

111 100.3 81.4 122.0

192 18.1 17.0 25.6





#50

Toluene-d8

Concen: 44.683 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073266.D

Acq: 30 Jun 2022 15:24

Instrument :

MSVOA_N

ClientSampleId :

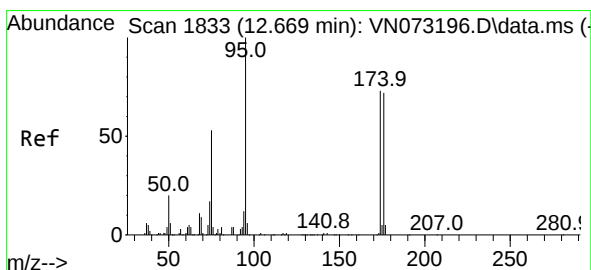
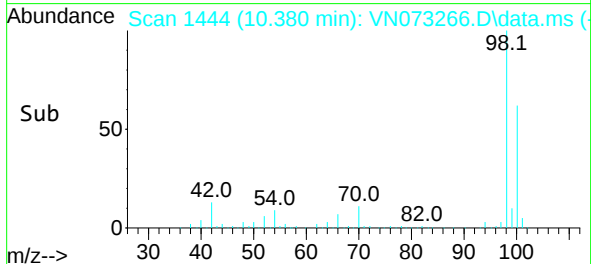
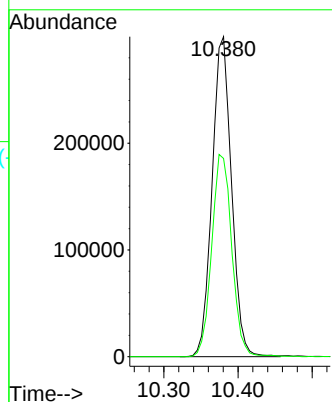
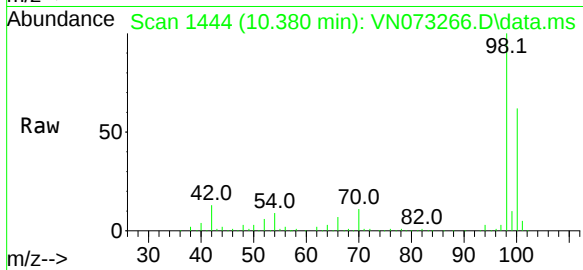
152140-SPC-01-60

Tgt Ion: 98 Resp: 544593

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 51.061 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.001 min

Lab File: VN073266.D

Acq: 30 Jun 2022 15:24

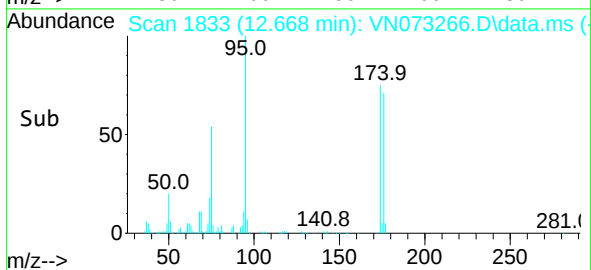
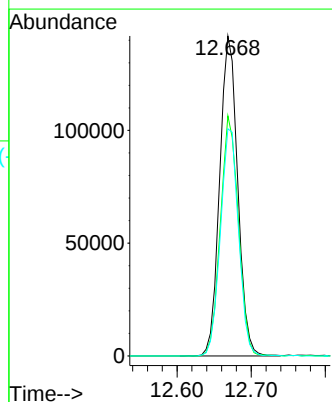
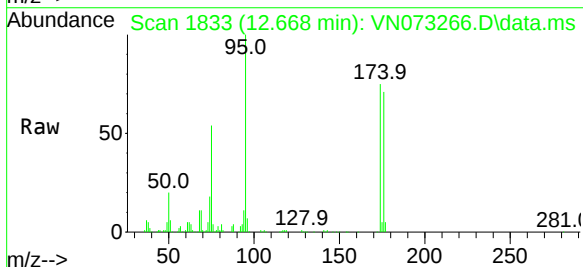
Tgt Ion: 95 Resp: 239156

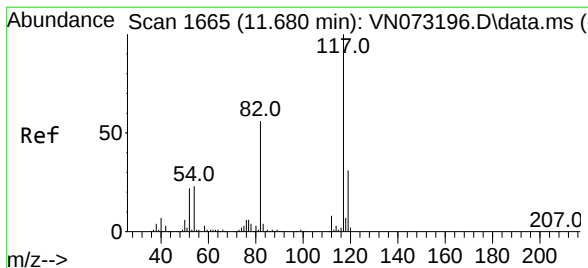
Ion Ratio Lower Upper

95 100

174 75.0 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: VN073266.D

Acq: 30 Jun 2022 15:24

Instrument :

MSVOA_N

ClientSampleId :

152140-SPC-01-60

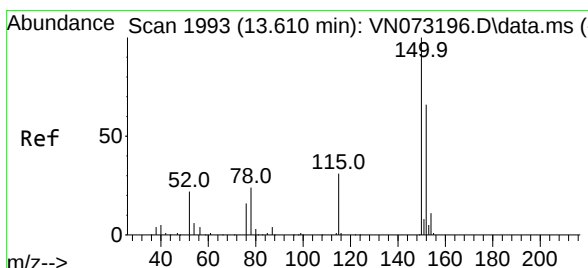
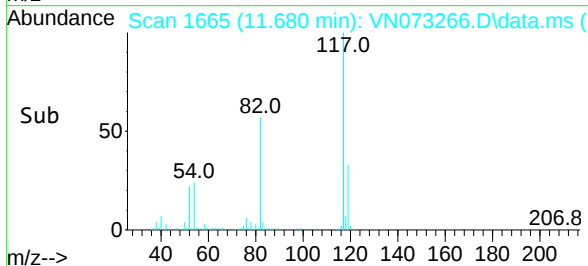
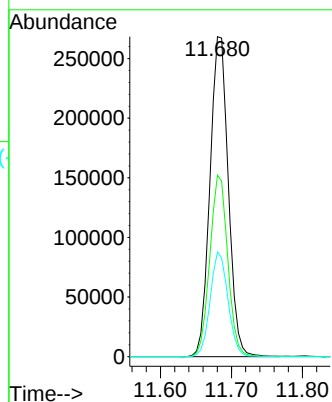
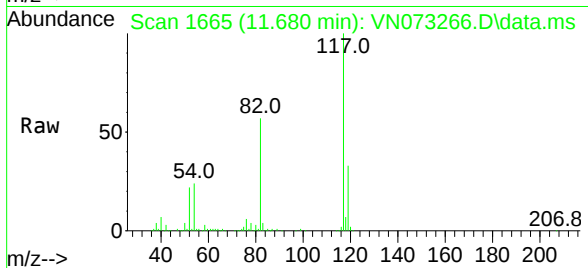
Tgt Ion:117 Resp: 481640

Ion Ratio Lower Upper

117 100

82 56.7 44.2 66.2

119 32.7 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: VN073266.D

Acq: 30 Jun 2022 15:24

Tgt Ion:152 Resp: 232012

Ion Ratio Lower Upper

152 100

115 59.3 28.9 86.7

150 156.1 0.0 356.2

