

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073121.D
 Acq On : 25 Jun 2022 19:34
 Operator : JC\MD
 Sample : N3434-04 40X
 Misc : 6.97g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B2204-35

Quant Time: Jun 27 03:46:32 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	361892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	564239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	507984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	231523	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	208791	42.674	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.340%
35) Dibromofluoromethane	7.951	113	176524	50.616	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.240%
50) Toluene-d8	10.380	98	590169	45.478	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.960%
62) 4-Bromofluorobenzene	12.668	95	247863	53.117	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.240%

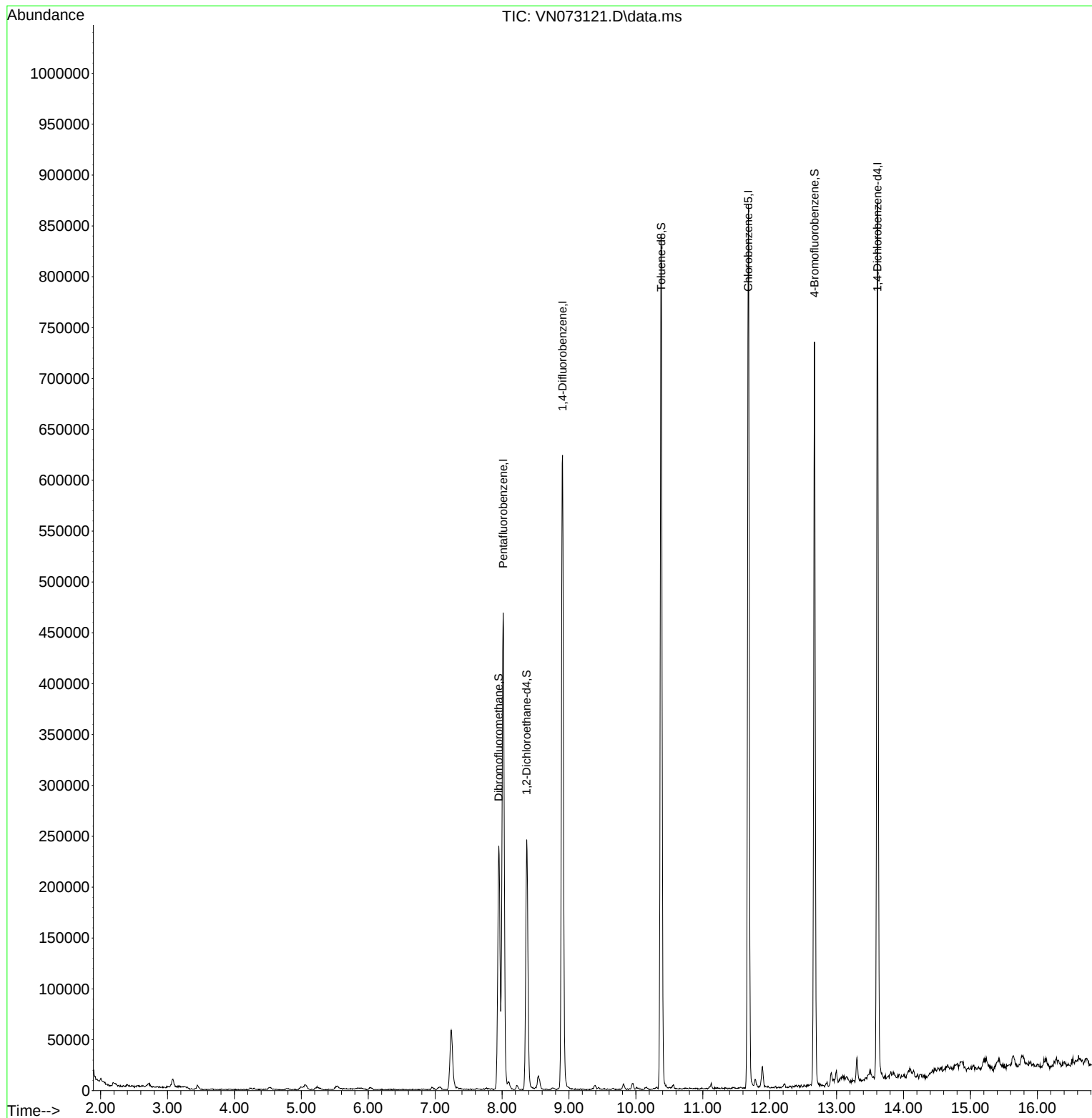
Target Compounds	Qvalue

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

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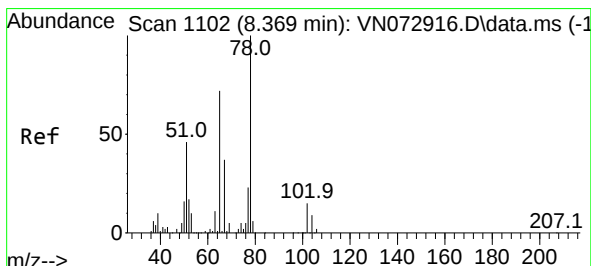
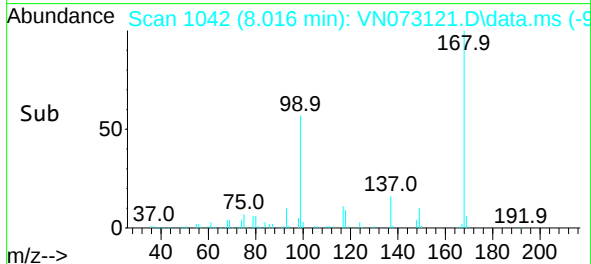
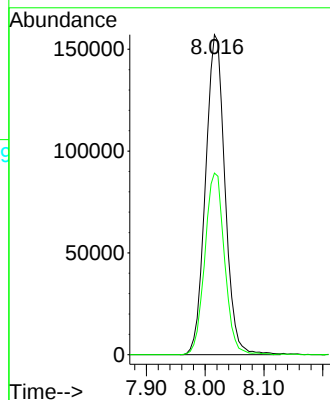
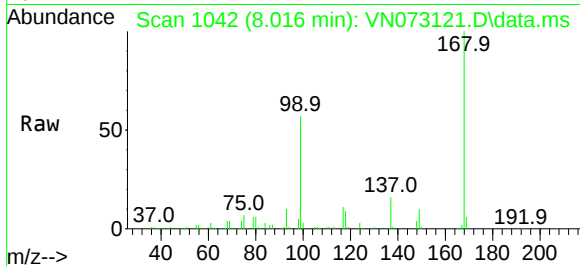




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

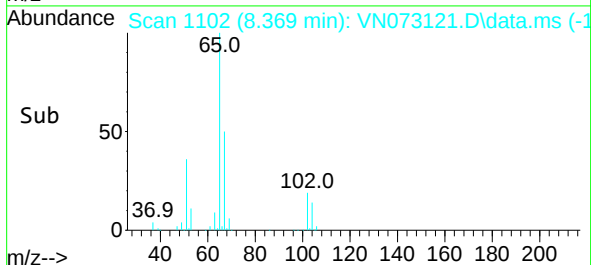
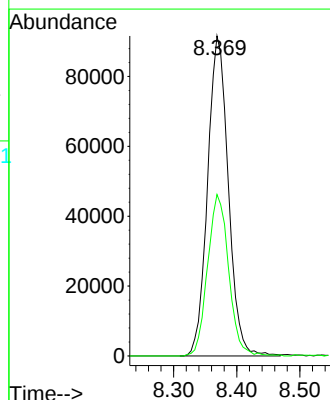
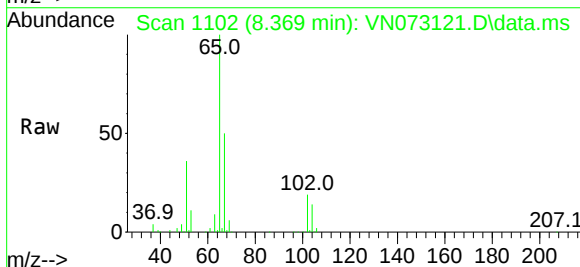
Instrument :
MSVOA_N
ClientSampleId :
B2204-35

Tgt Ion:168 Resp: 361892
Ion Ratio Lower Upper
168 100
99 56.7 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 42.674 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

Tgt Ion: 65 Resp: 208791
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN073121.D

Acq: 25 Jun 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

B2204-35

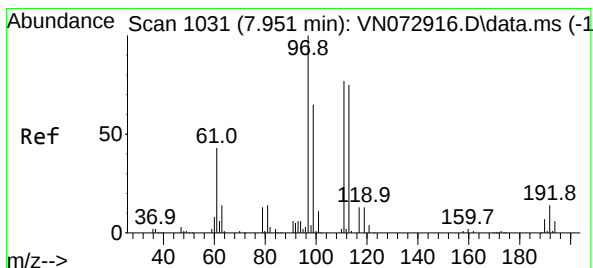
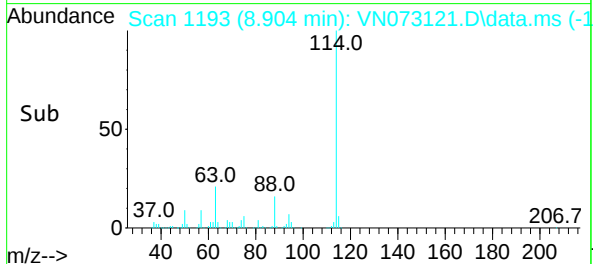
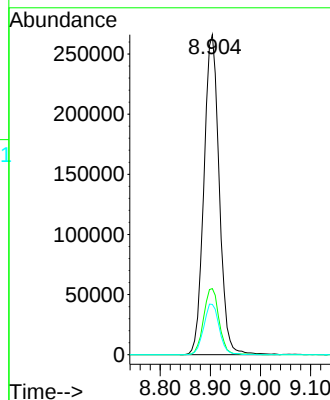
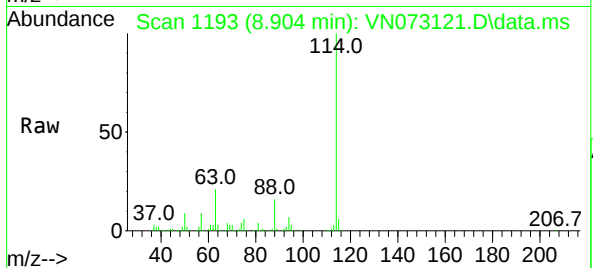
Tgt Ion:114 Resp: 564239

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.616 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073121.D

Acq: 25 Jun 2022 19:34

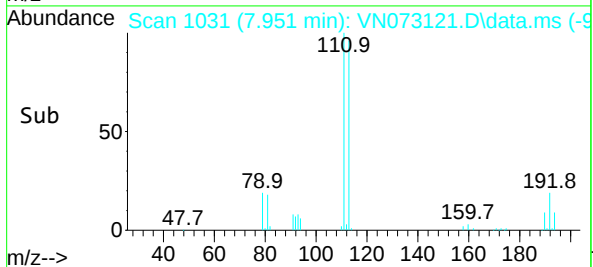
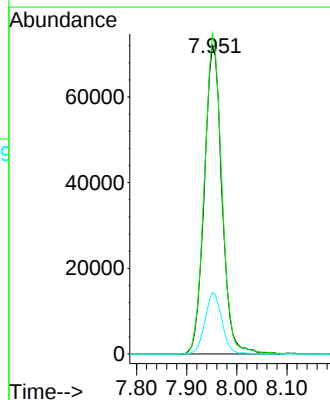
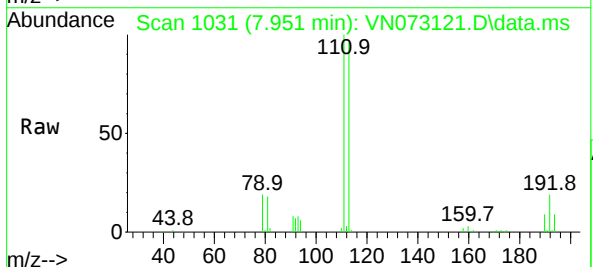
Tgt Ion:113 Resp: 176524

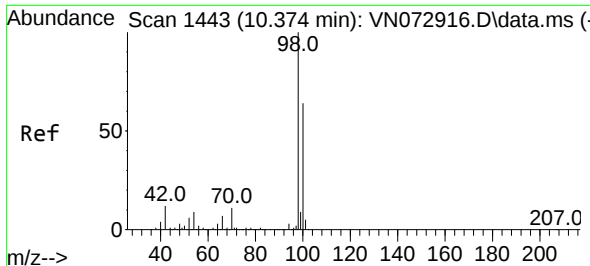
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 19.1 17.0 25.6

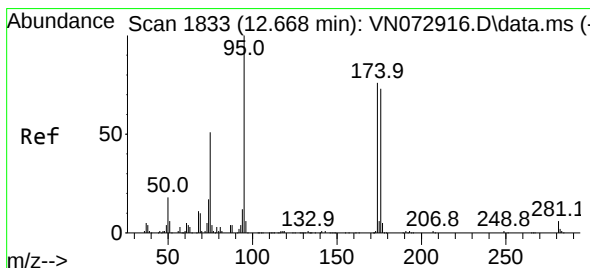
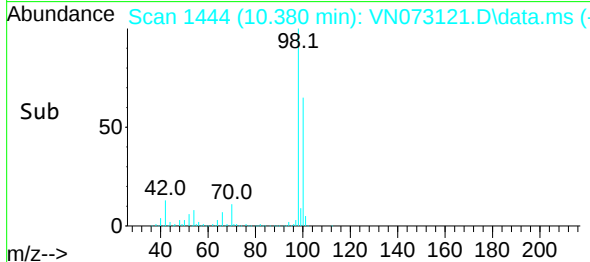
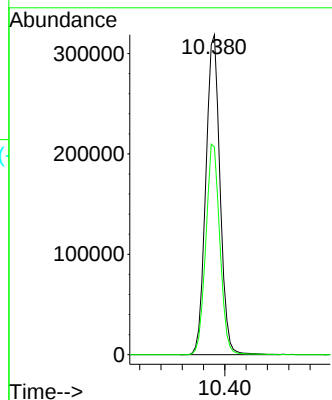
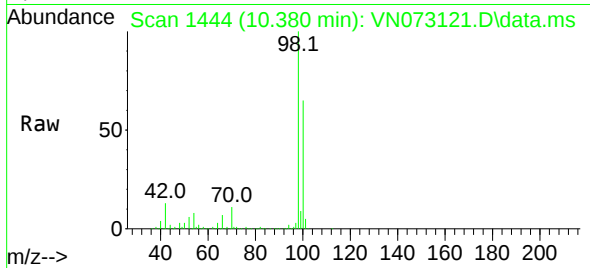




#50
Toluene-d8
Concen: 45.478 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

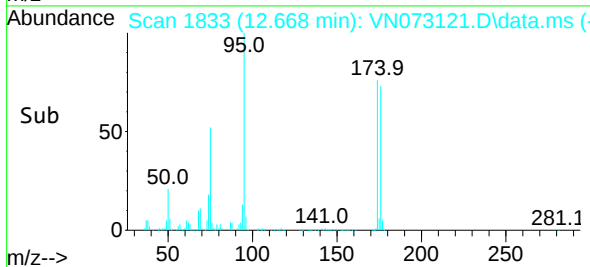
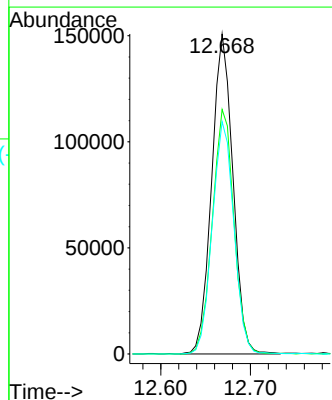
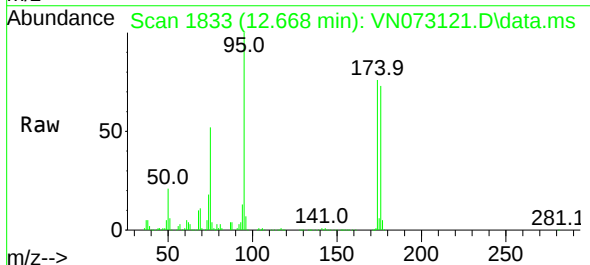
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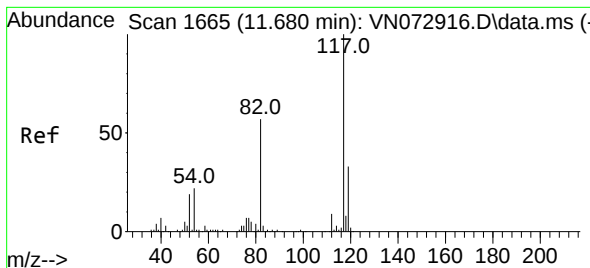
Tgt Ion: 98 Resp: 590169
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.117 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073121.D
Acq: 25 Jun 2022 19:34

Tgt Ion: 95 Resp: 247863
Ion Ratio Lower Upper
95 100
174 77.6 0.0 167.6
176 73.8 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: VN073121.D

Acq: 25 Jun 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

B2204-35

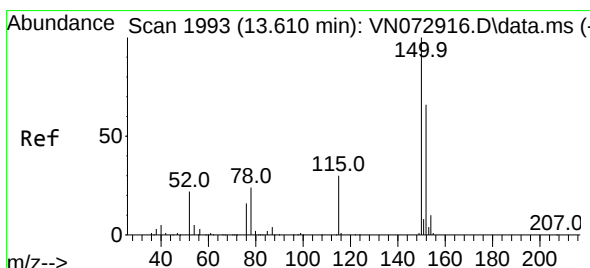
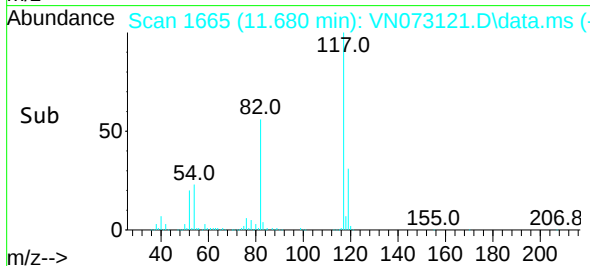
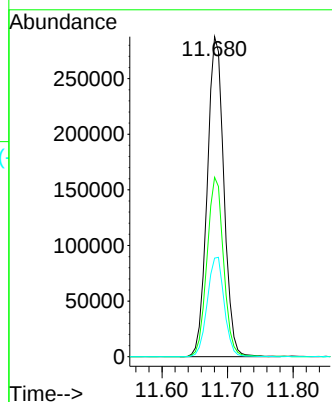
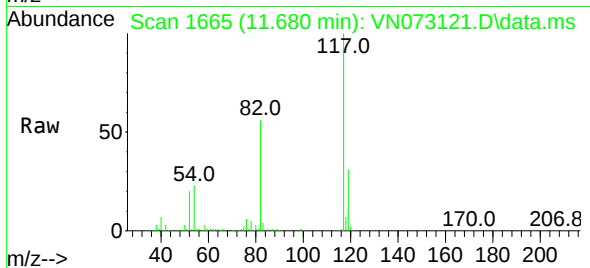
Tgt Ion:117 Resp: 507984

Ion Ratio Lower Upper

117 100

82 56.1 44.2 66.2

119 30.8 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: VN073121.D

Acq: 25 Jun 2022 19:34

Tgt Ion:152 Resp: 231523

Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.7

150 157.9 0.0 356.2

