

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073413.D
 Acq On : 11 Jul 2022 12:40
 Operator : JC\MD
 Sample : N3642-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Jul 12 07:25:35 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	289512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	481159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	442212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	204771	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	187019	44.748	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.500%
35) Dibromofluoromethane	7.951	113	156201	48.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.580%
50) Toluene-d8	10.380	98	506439	44.543	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.080%
62) 4-Bromofluorobenzene	12.668	95	212855	48.716	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.440%

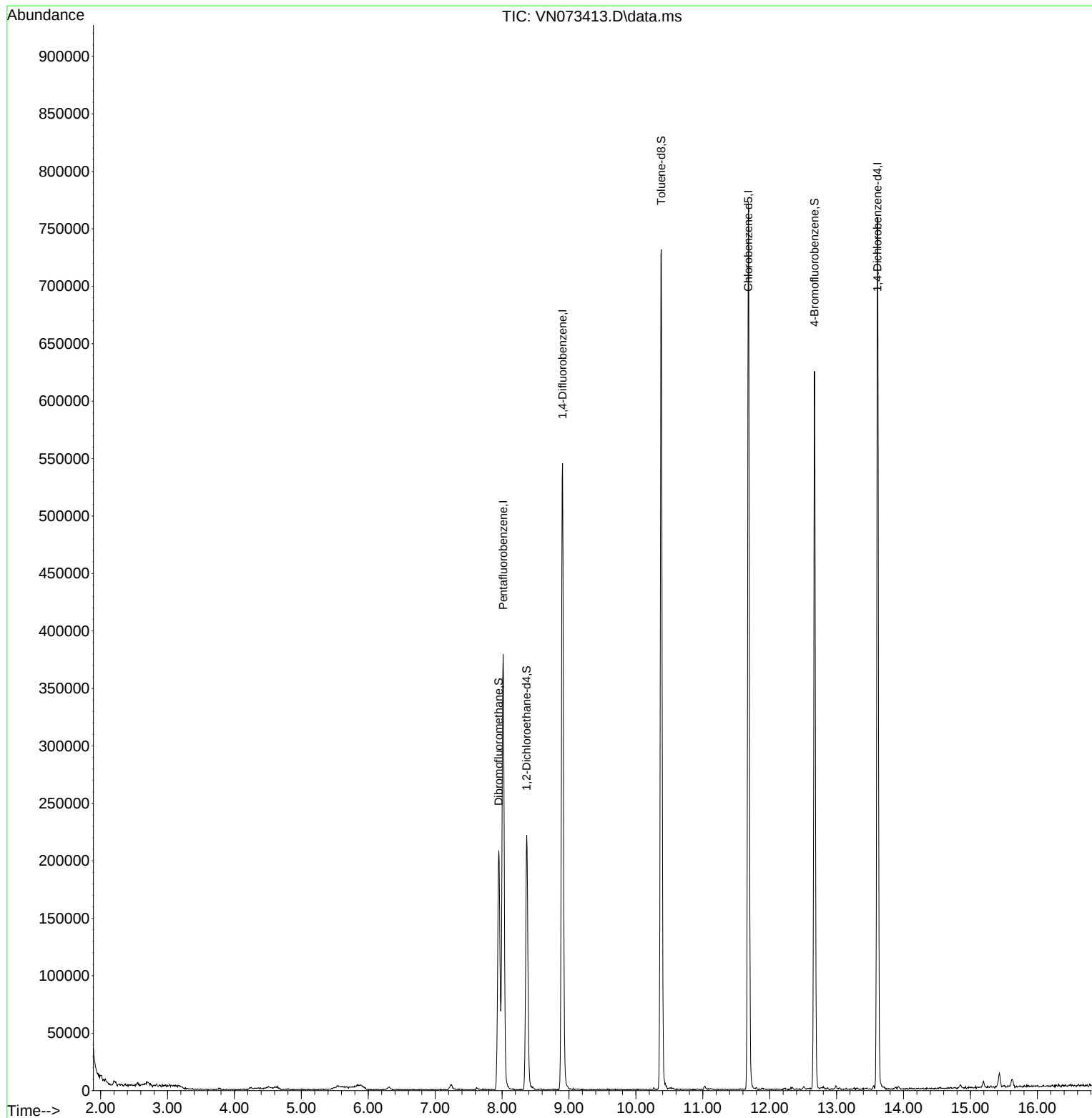
Target Compounds	Qvalue

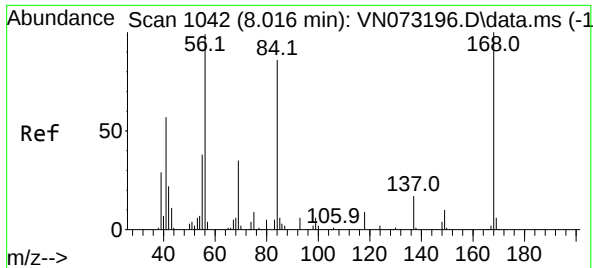
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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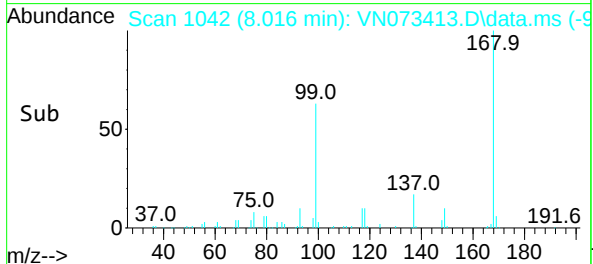
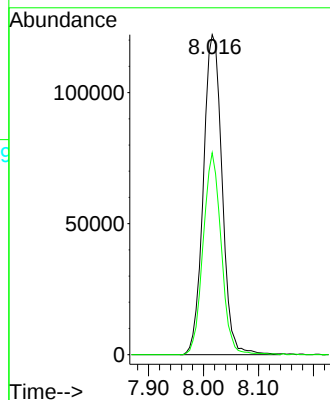
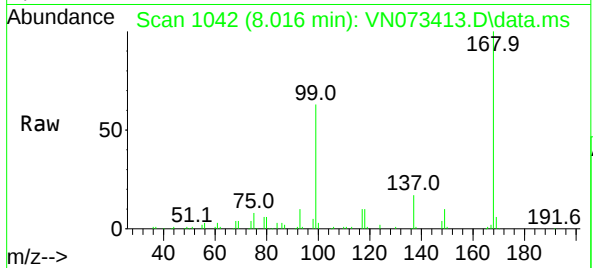




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073413.D
Acq: 11 Jul 2022 12:40

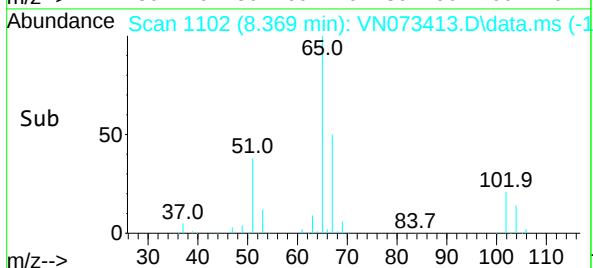
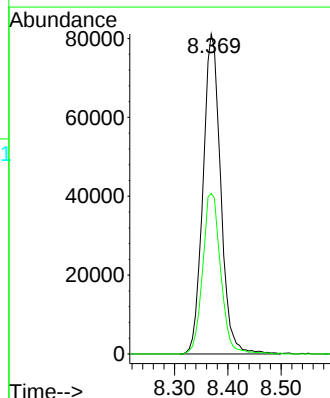
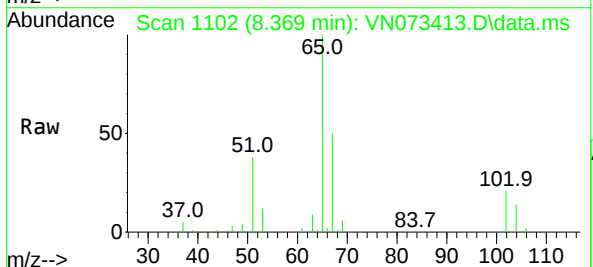
Instrument :
MSVOA_N
ClientSampleId :
MW-4

Tgt Ion:168 Resp: 289512
Ion Ratio Lower Upper
168 100
99 63.1 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.748 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073413.D
Acq: 11 Jul 2022 12:40

Tgt Ion: 65 Resp: 187019
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073413.D

Acq: 11 Jul 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

MW-4

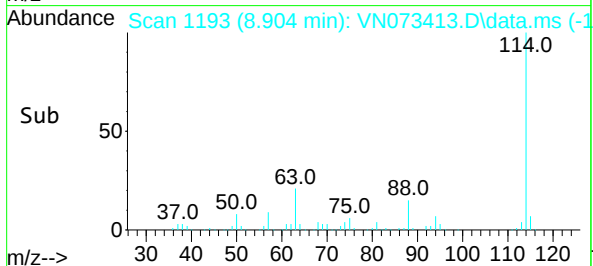
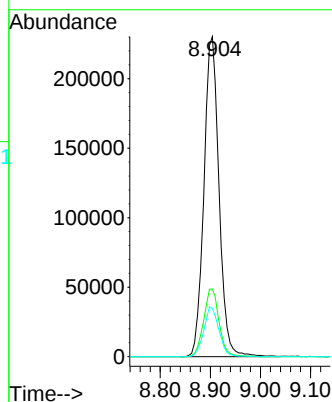
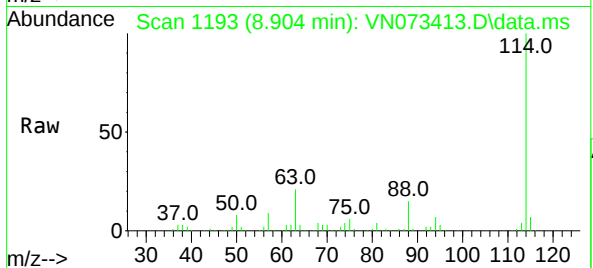
Tgt Ion:114 Resp: 481159

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.794 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073413.D

Acq: 11 Jul 2022 12:40

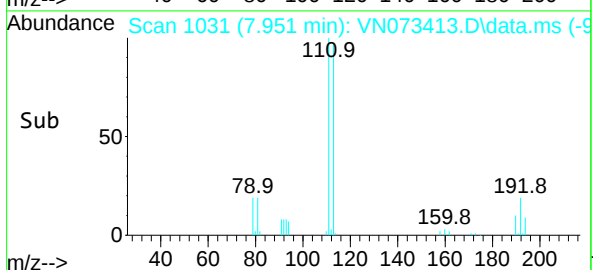
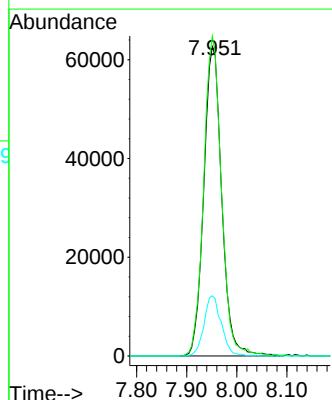
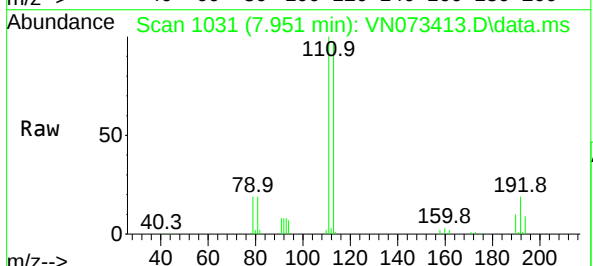
Tgt Ion:113 Resp: 156201

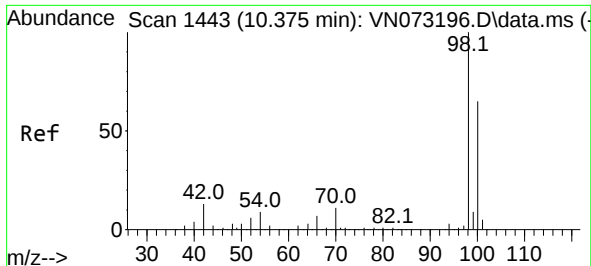
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 18.7 17.0 25.6

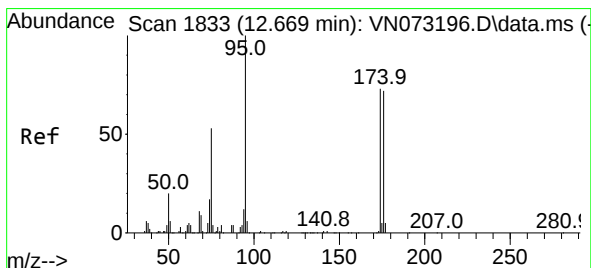
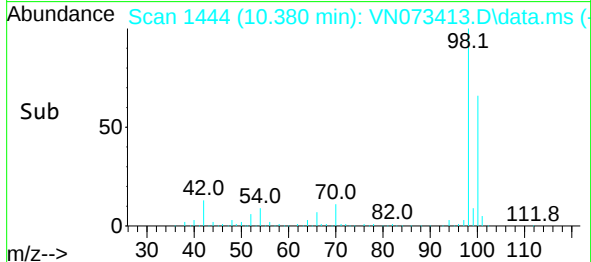
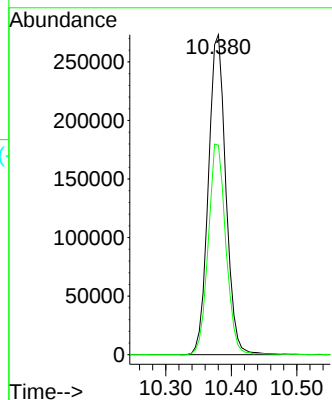
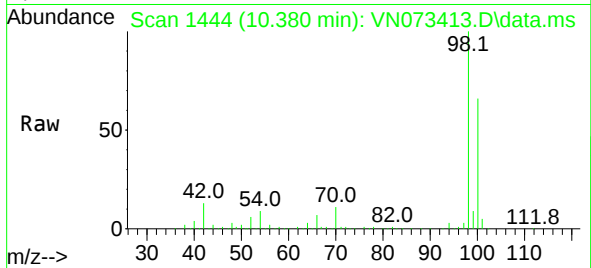




#50
Toluene-d8
Concen: 44.543 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073413.D
Acq: 11 Jul 2022 12:40

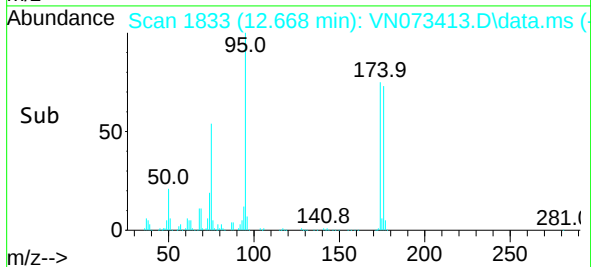
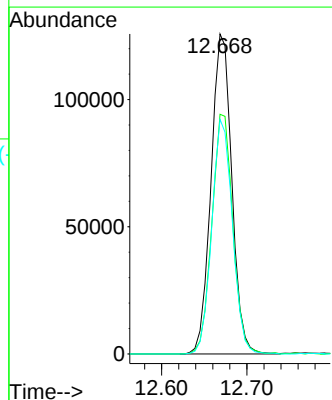
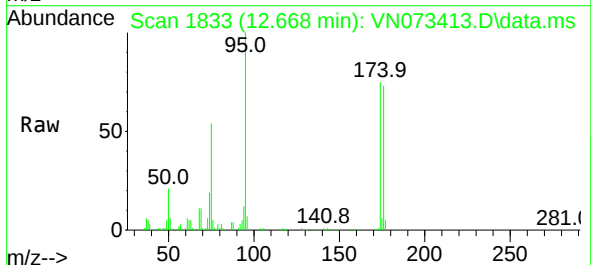
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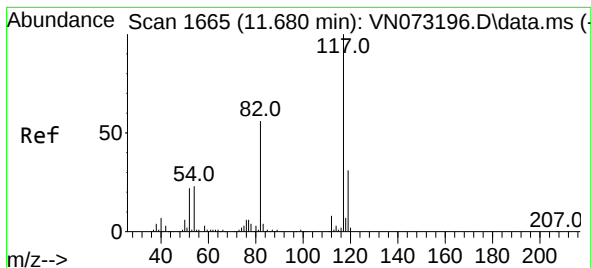
Tgt Ion: 98 Resp: 506439
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.716 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073413.D
Acq: 11 Jul 2022 12:40

Tgt Ion: 95 Resp: 212855
Ion Ratio Lower Upper
95 100
174 75.6 0.0 167.6
176 72.9 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: VN073413.D

Acq: 11 Jul 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

MW-4

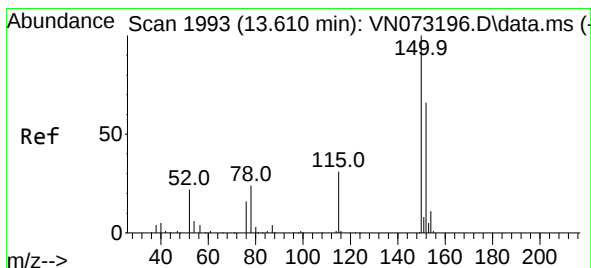
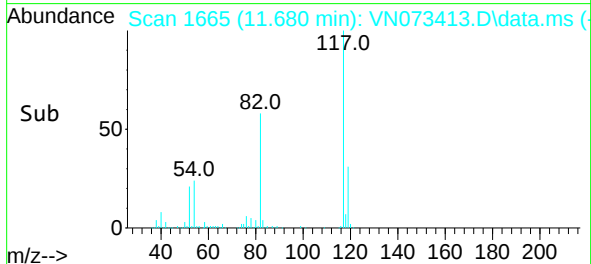
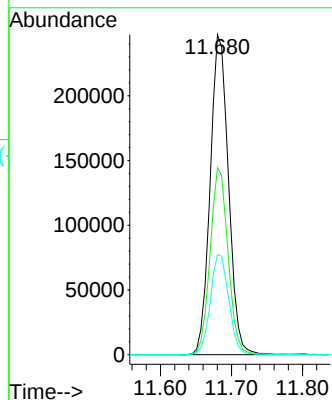
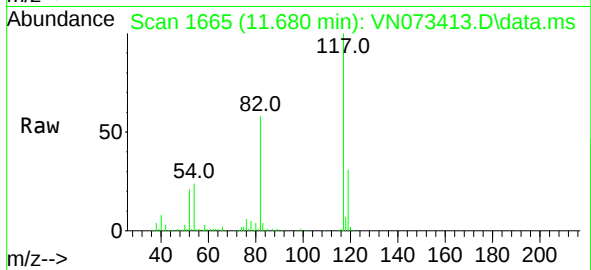
Tgt Ion:117 Resp: 442212

Ion Ratio Lower Upper

117 100

82 58.5 44.2 66.2

119 31.3 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: VN073413.D

Acq: 11 Jul 2022 12:40

Tgt Ion:152 Resp: 204771

Ion Ratio Lower Upper

152 100

115 60.4 28.9 86.7

150 156.0 0.0 356.2

