

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070522\
 Data File : VN073309.D
 Acq On : 05 Jul 2022 12:21
 Operator : JC\MD
 Sample : VN0705WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0705WBL01

Quant Time: Jul 06 01:12:57 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	301240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	495724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	447828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	201835	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	189762	43.636	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.280%
35) Dibromofluoromethane	7.951	113	159056	48.226	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.460%
50) Toluene-d8	10.375	98	528369	45.106	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.220%
62) 4-Bromofluorobenzene	12.669	95	218002	48.428	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.860%

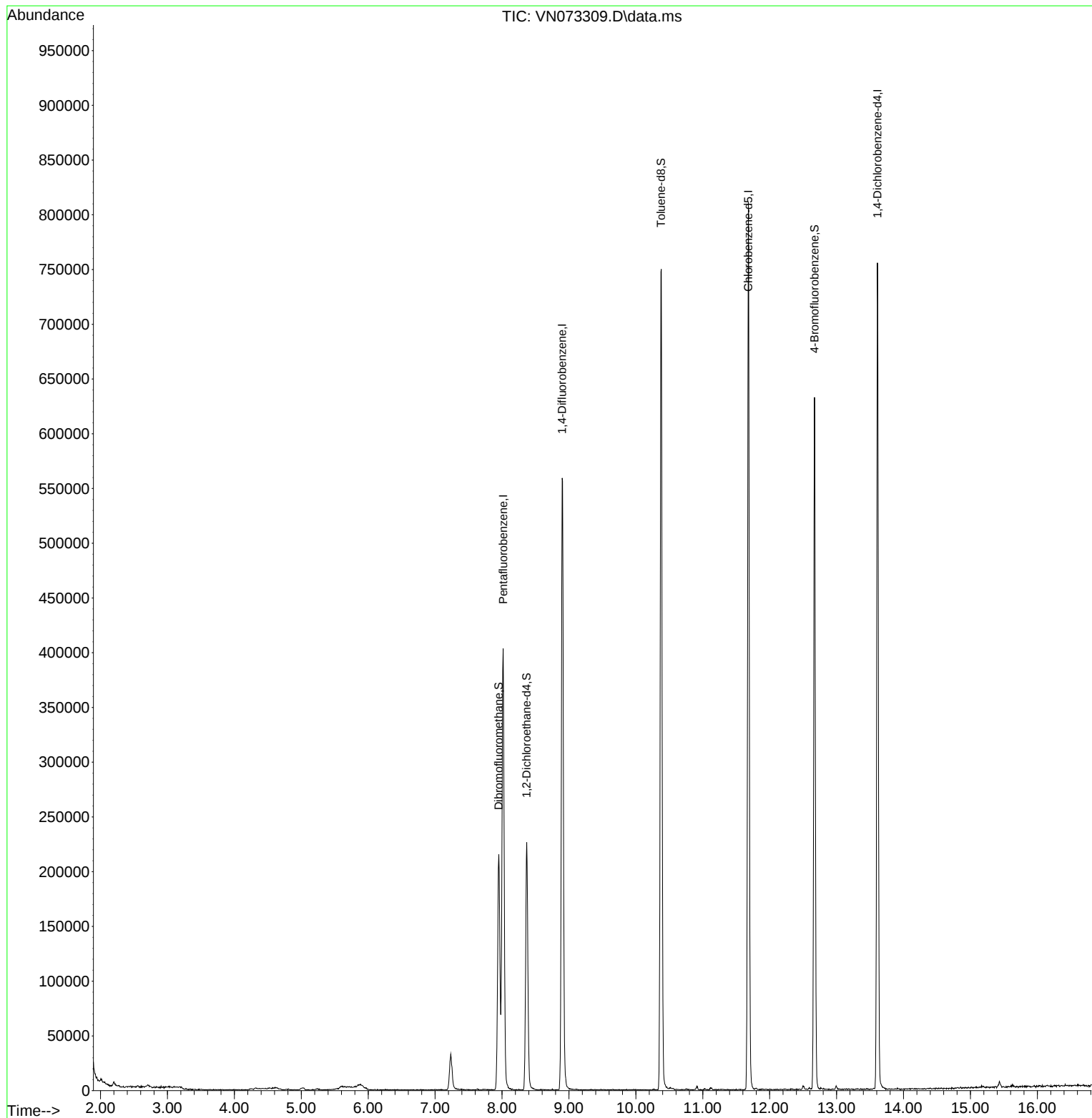
Target Compounds	Qvalue

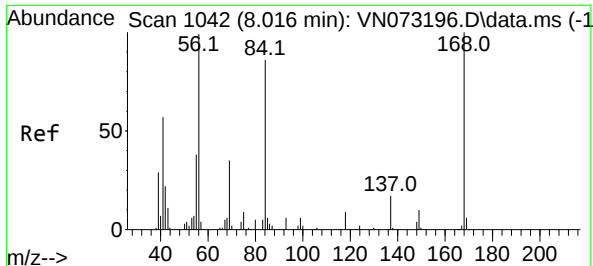
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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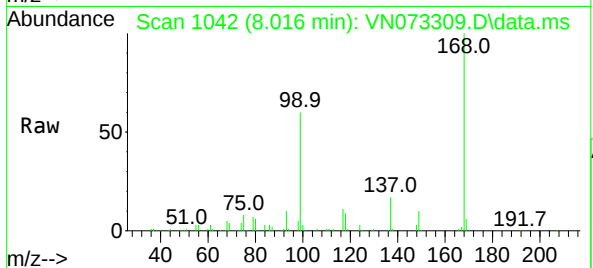
Quant Time: Jul 06 01:12:57 2022
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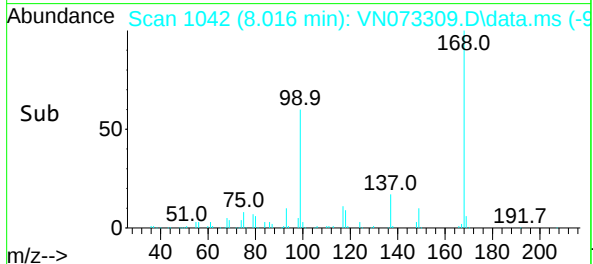
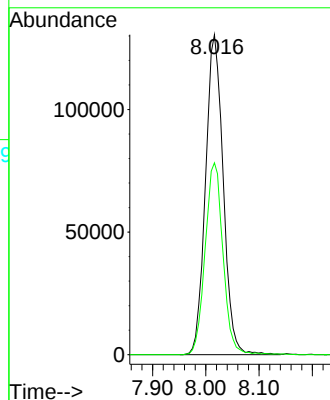


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

Instrument :
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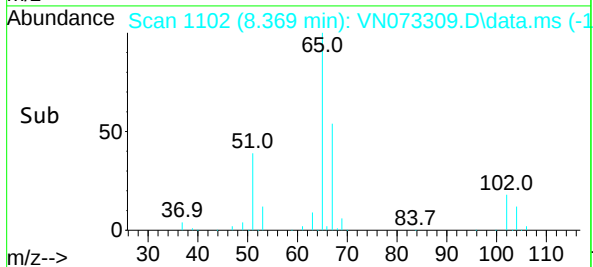
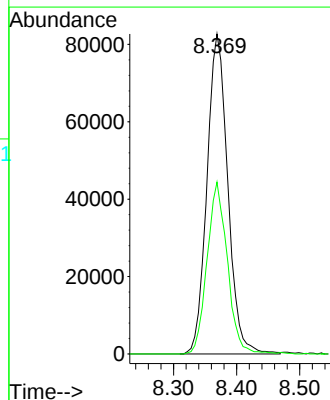
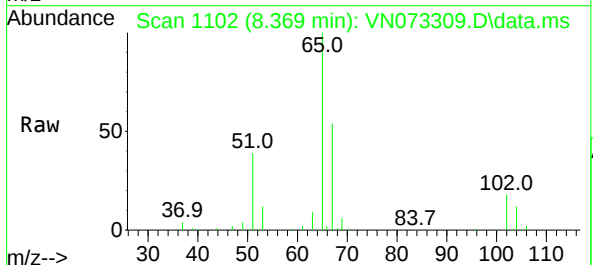


Tgt Ion:168 Resp: 301240
Ion Ratio Lower Upper
168 100
99 60.0 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 43.636 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

Tgt Ion: 65 Resp: 189762
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8

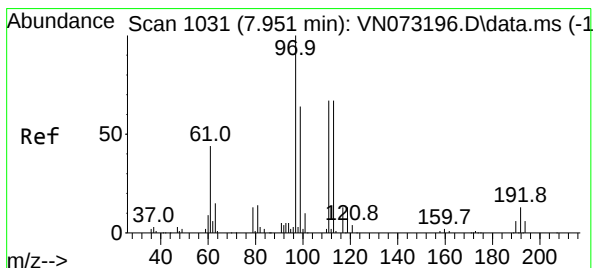
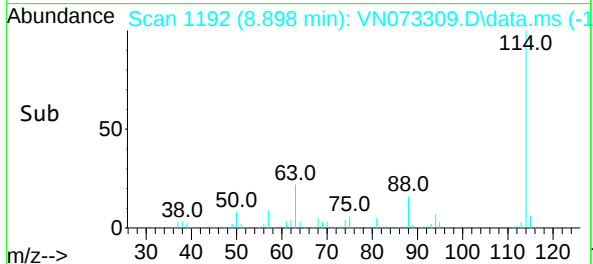
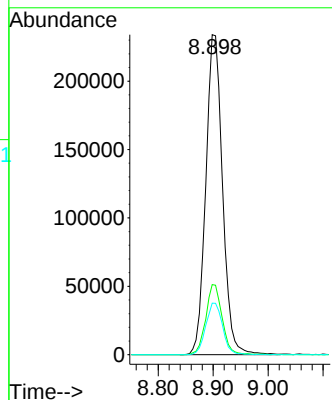
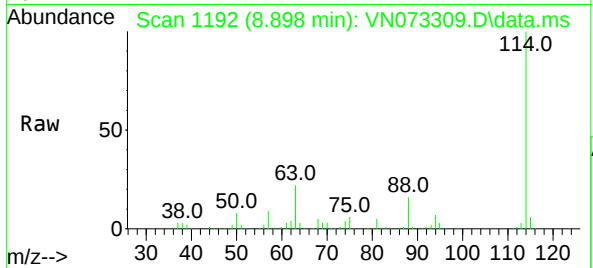




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

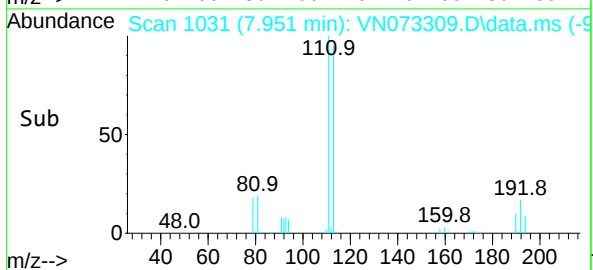
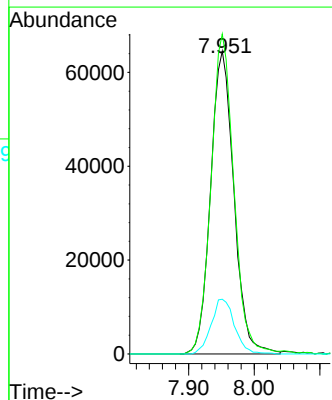
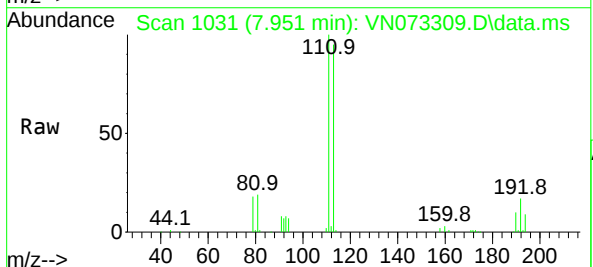
Instrument :
MSVOA_N
ClientSampleId :
VN0705WBL01

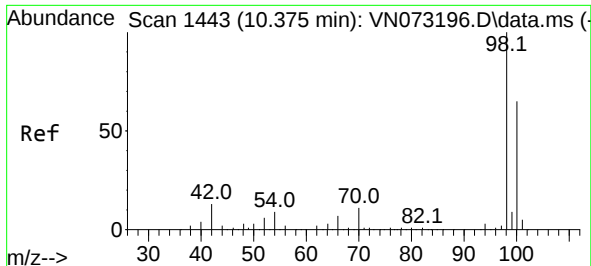
Tgt Ion:114 Resp: 495724
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.0
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.226 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

Tgt Ion:113 Resp: 159056
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 18.2 17.0 25.6

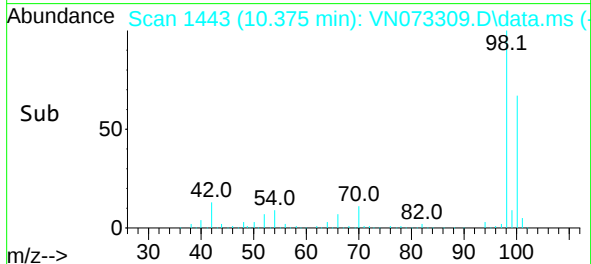
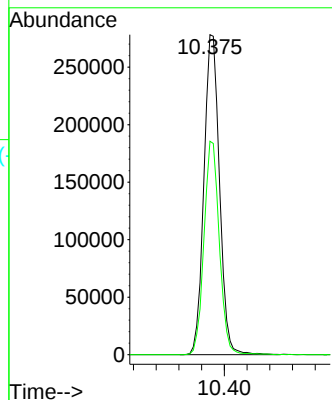
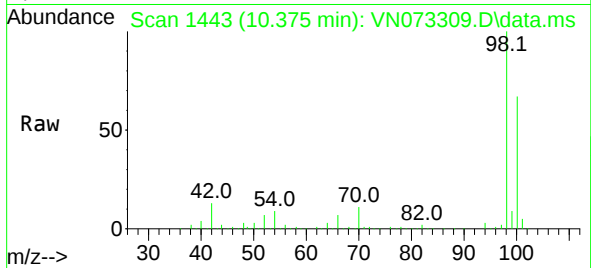




#50
Toluene-d8
Concen: 45.106 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

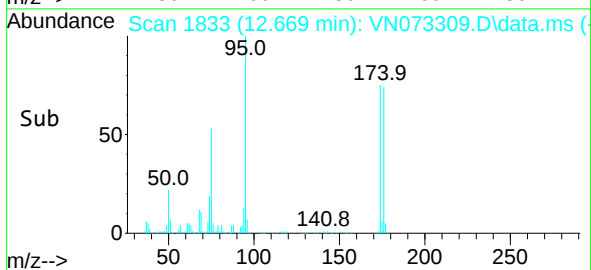
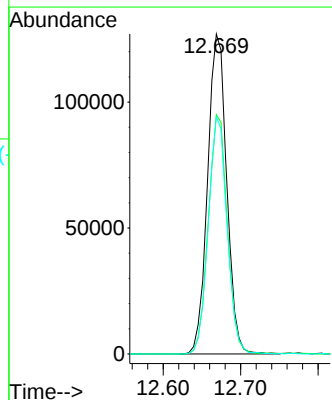
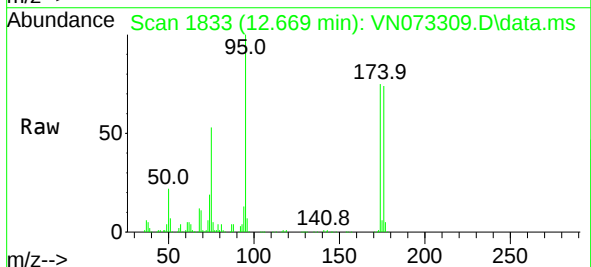
Instrument :
MSVOA_N
ClientSampleId :
VN0705WBL01

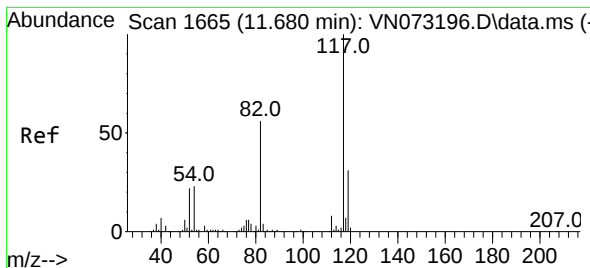
Tgt Ion: 98 Resp: 528369
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.428 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073309.D
Acq: 05 Jul 2022 12:21

Tgt Ion: 95 Resp: 218002
Ion Ratio Lower Upper
95 100
174 74.3 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: VN073309.D

Acq: 05 Jul 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0705WBL01

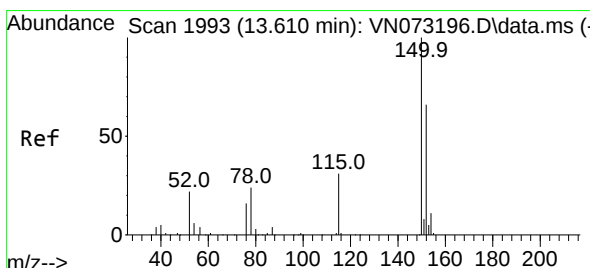
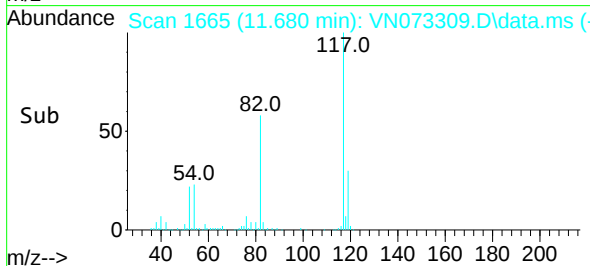
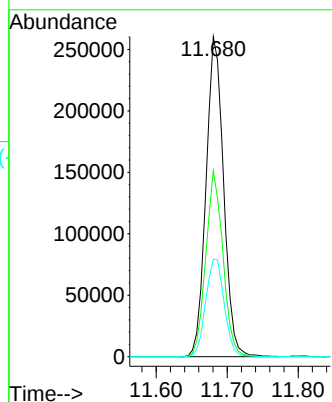
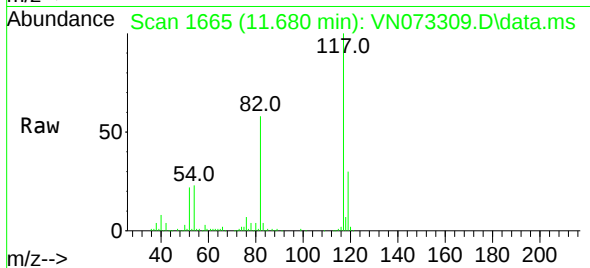
Tgt Ion:117 Resp: 447828

Ion Ratio Lower Upper

117 100

82 58.2 44.2 66.2

119 30.4 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: VN073309.D

Acq: 05 Jul 2022 12:21

Tgt Ion:152 Resp: 201835

Ion Ratio Lower Upper

152 100

115 60.1 28.9 86.7

150 158.2 0.0 356.2

