

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073591.D
 Acq On : 25 Jul 2022 20:05
 Operator : JC\MD
 Sample : N3882-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jul 26 02:19:07 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	216607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	363119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	338958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	163045	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	140458	44.918	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.840%
35) Dibromofluoromethane	7.957	113	124730	51.629	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.260%
50) Toluene-d8	10.380	98	389034	45.340	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.680%
62) 4-Bromofluorobenzene	12.674	95	157011	47.616	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.240%

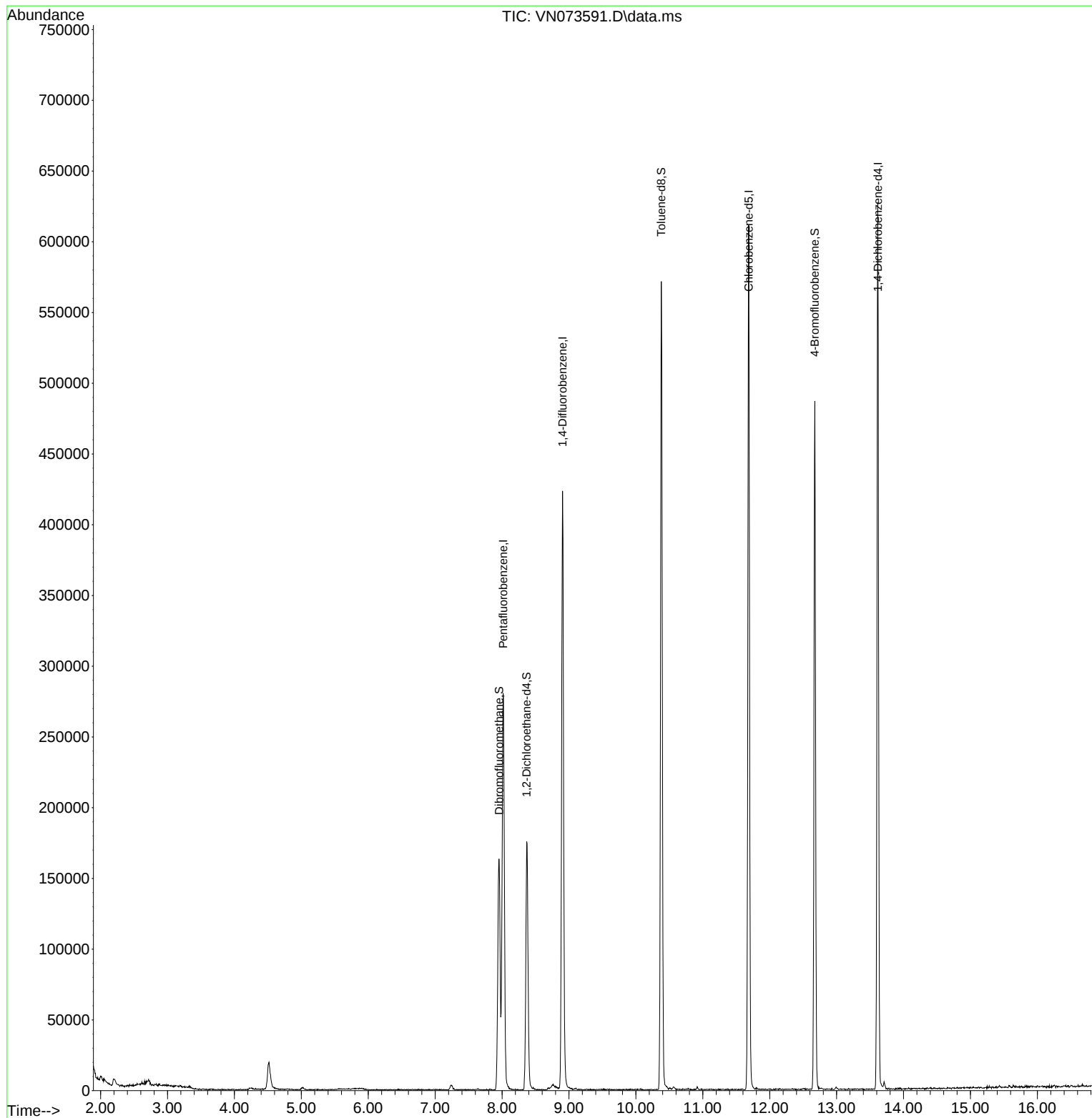
Target Compounds	Qvalue

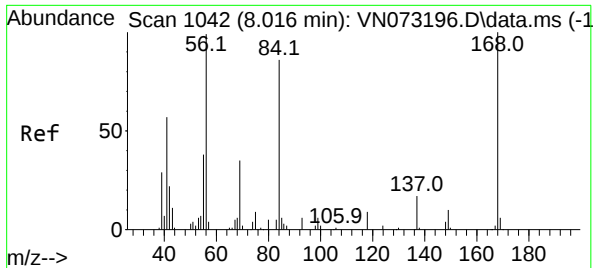
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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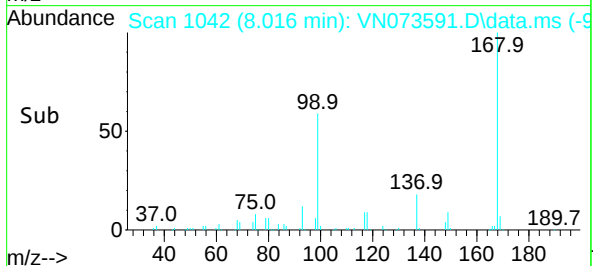
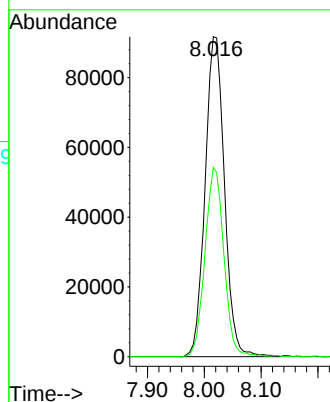
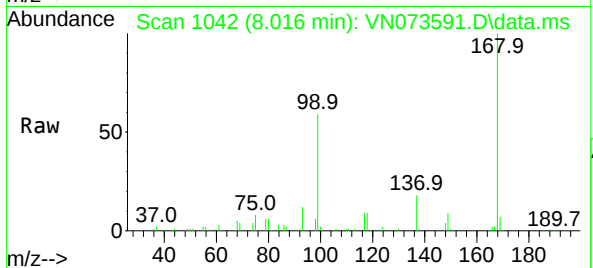




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073591.D
Acq: 25 Jul 2022 20:05

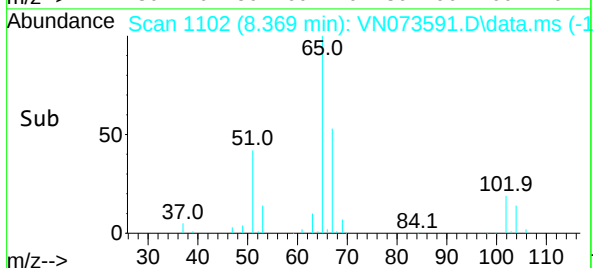
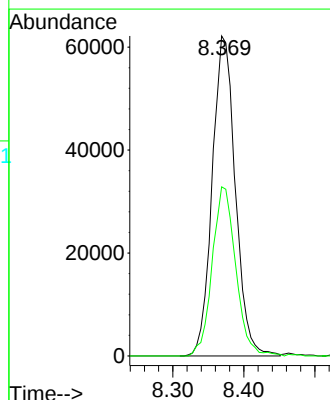
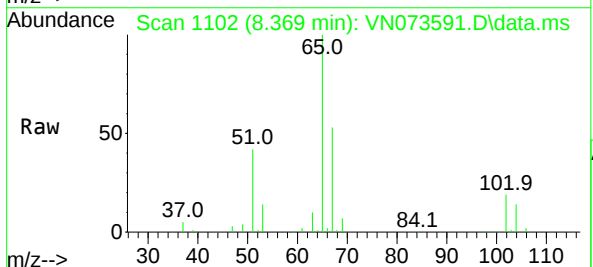
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

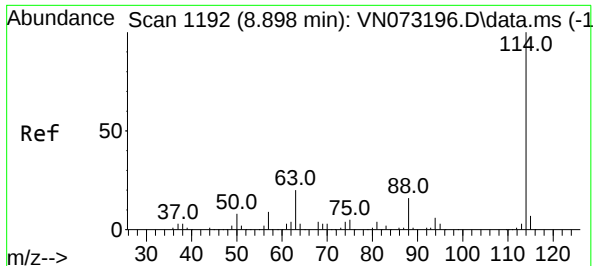
Tgt Ion:168 Resp: 216607
Ion Ratio Lower Upper
168 100
99 59.1 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.918 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073591.D
Acq: 25 Jul 2022 20:05

Tgt Ion: 65 Resp: 140458
Ion Ratio Lower Upper
65 100
67 53.8 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: VN073591.D

Acq: 25 Jul 2022 20:05

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

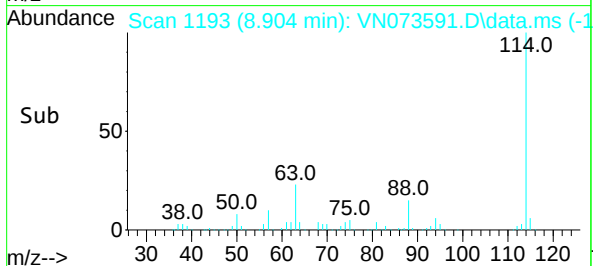
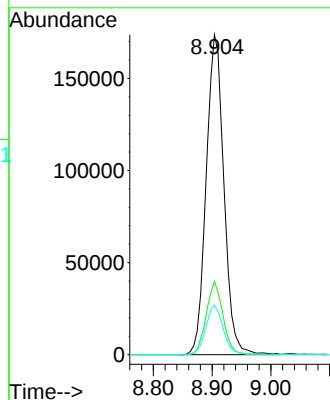
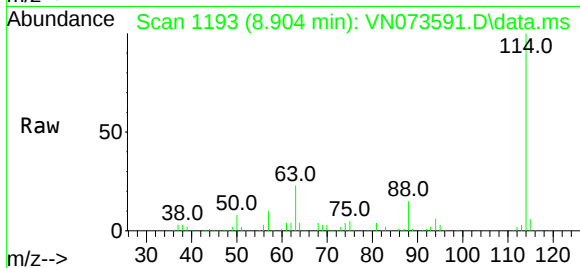
Tgt Ion:114 Resp: 363119

Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.629 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073591.D

Acq: 25 Jul 2022 20:05

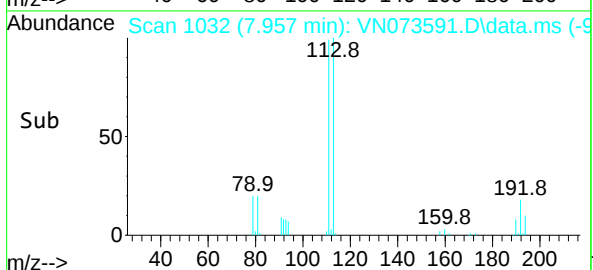
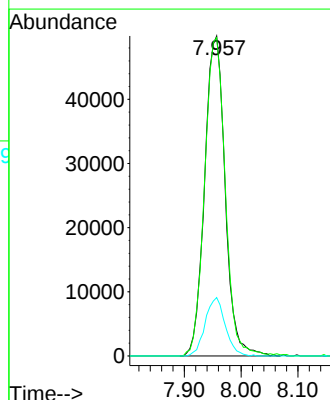
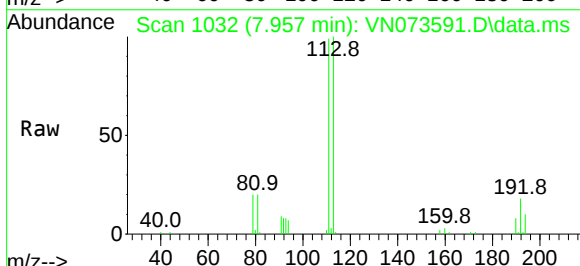
Tgt Ion:113 Resp: 124730

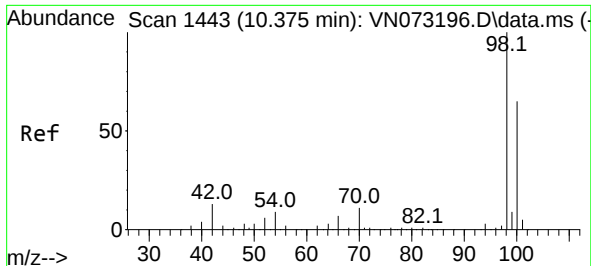
Ion Ratio Lower Upper

113 100

111 100.0 81.4 122.0

192 17.9 17.0 25.6

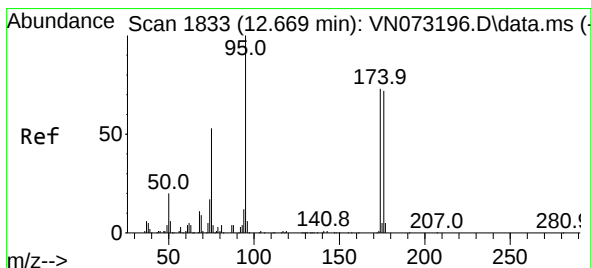
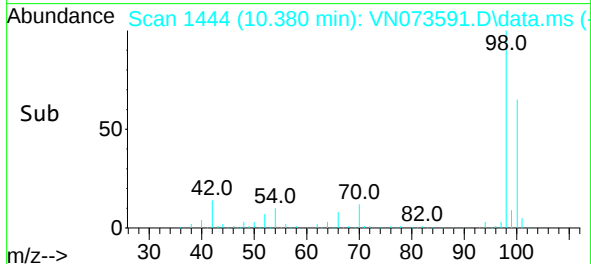
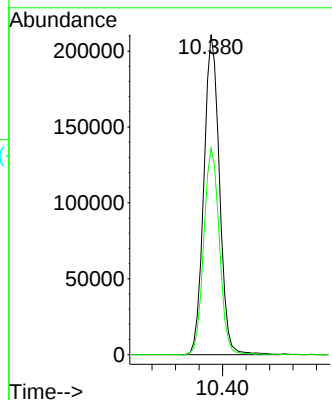
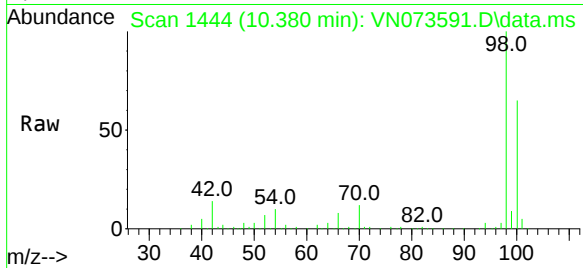




#50
Toluene-d8
Concen: 45.340 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073591.D
Acq: 25 Jul 2022 20:05

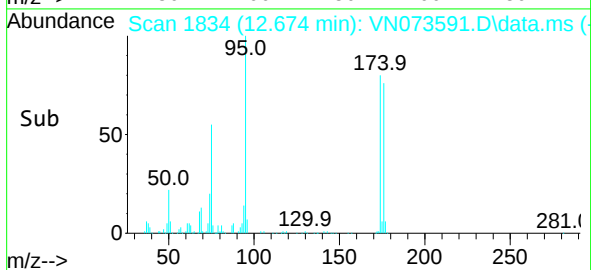
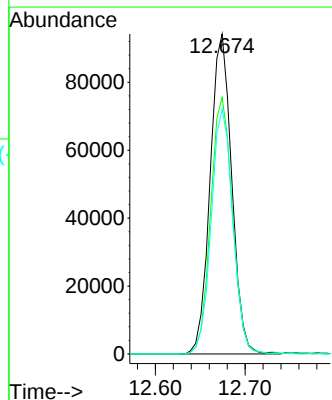
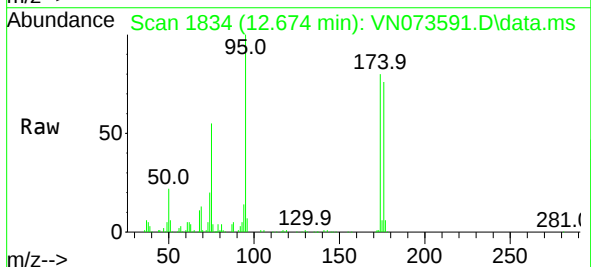
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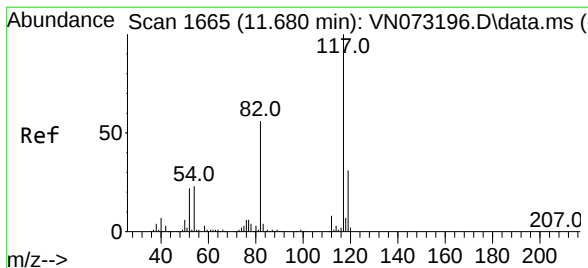
Tgt Ion: 98 Resp: 389034
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.616 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073591.D
Acq: 25 Jul 2022 20:05

Tgt Ion: 95 Resp: 157011
Ion Ratio Lower Upper
95 100
174 81.1 0.0 167.6
176 76.9 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073591.D

Acq: 25 Jul 2022 20:05

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

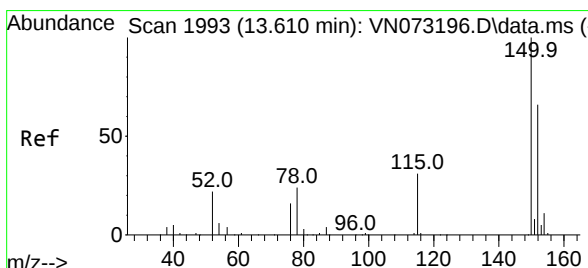
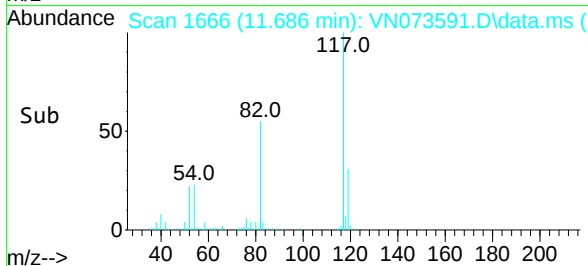
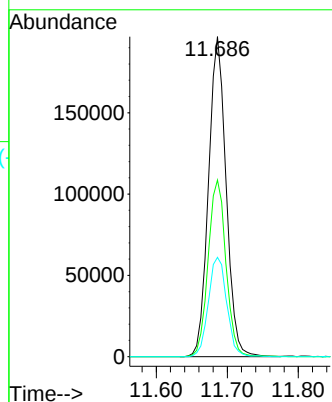
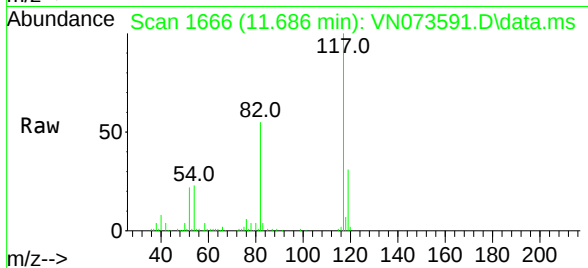
Tgt Ion:117 Resp: 338958

Ion Ratio Lower Upper

117 100

82 55.2 44.2 66.2

119 31.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN073591.D

Acq: 25 Jul 2022 20:05

Tgt Ion:152 Resp: 163045

Ion Ratio Lower Upper

152 100

115 59.4 28.9 86.7

150 158.2 0.0 356.2

