

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073219.D
 Acq On : 29 Jun 2022 00:16
 Operator : JC\MD
 Sample : N3409-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB061622

Quant Time: Jun 29 02:05:06 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	298723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	493159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	461991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	226413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	185948	43.119	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.240%
35) Dibromofluoromethane	7.951	113	157561	48.021	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.040%
50) Toluene-d8	10.381	98	522604	44.846	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.700%
62) 4-Bromofluorobenzene	12.669	95	234994	52.474	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.940%

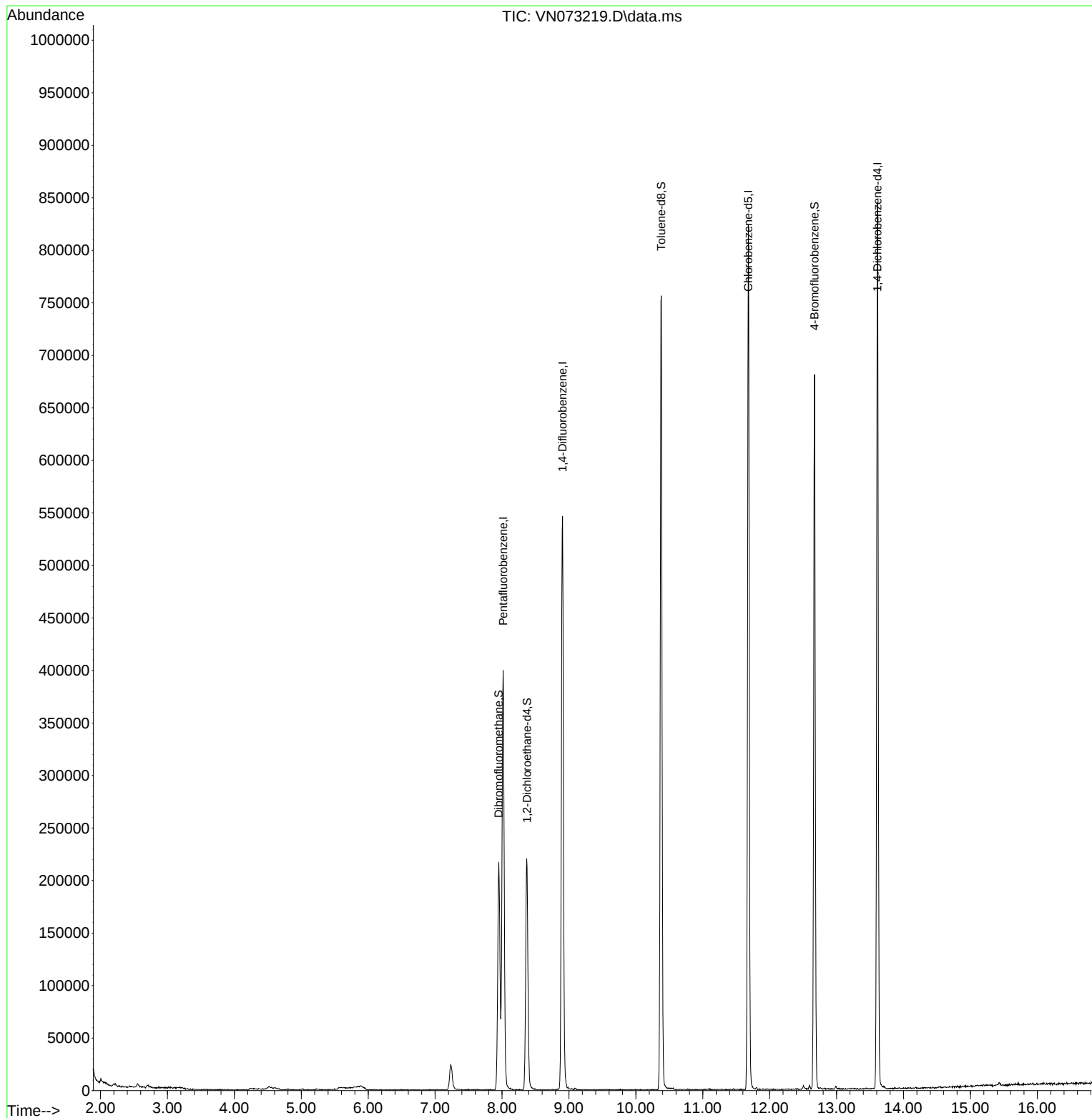
Target Compounds	Qvalue

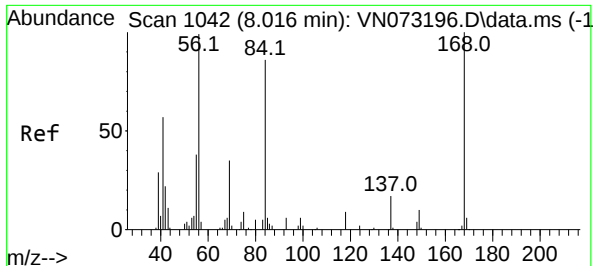
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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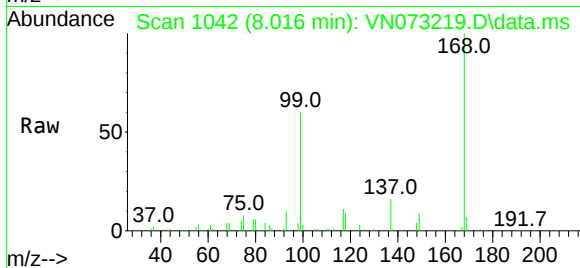
Quant Time: Jun 29 02:05:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
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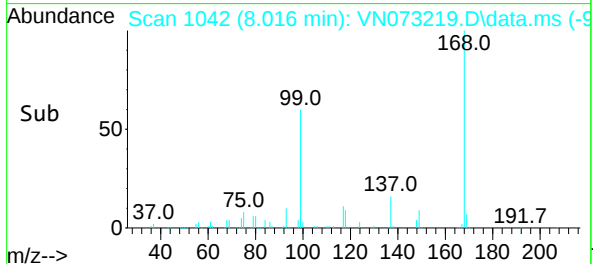
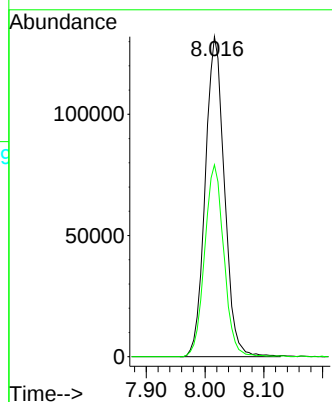


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

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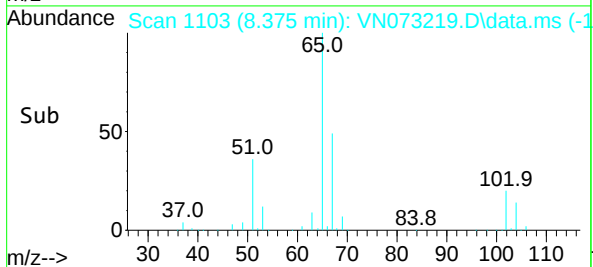
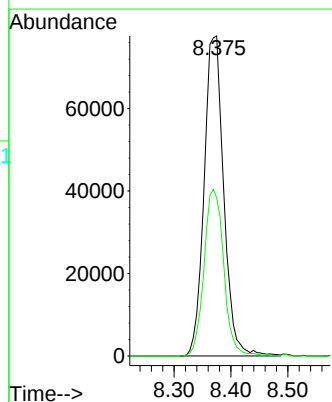
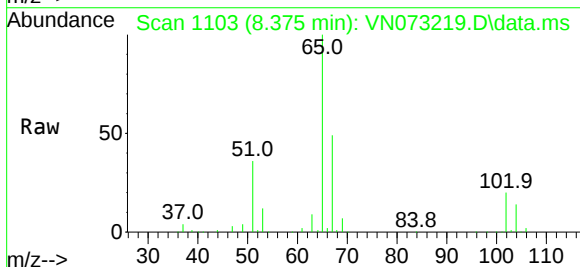


Tgt Ion:168 Resp: 298723
Ion Ratio Lower Upper
168 100
99 59.9 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 43.119 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

Tgt Ion: 65 Resp: 185948
Ion Ratio Lower Upper
65 100
67 52.2 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: VN073219.D

Acq: 29 Jun 2022 00:16

Instrument :

MSVOA_N

ClientSampleId :

FB061622

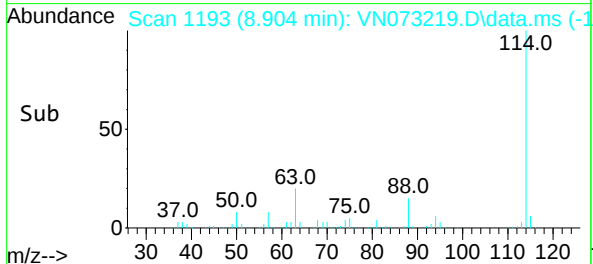
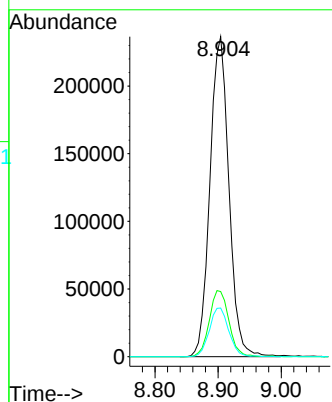
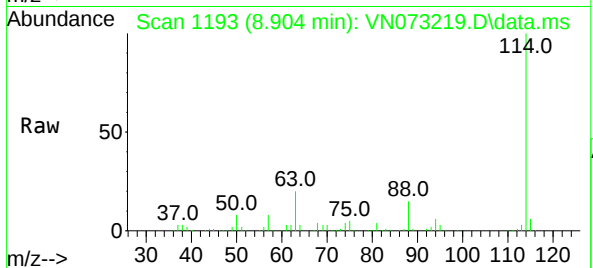
Tgt Ion:114 Resp: 493159

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.021 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073219.D

Acq: 29 Jun 2022 00:16

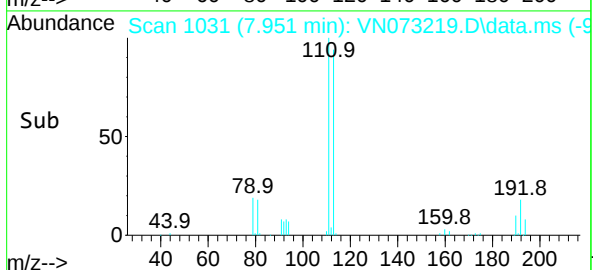
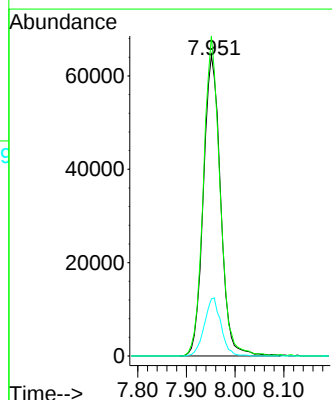
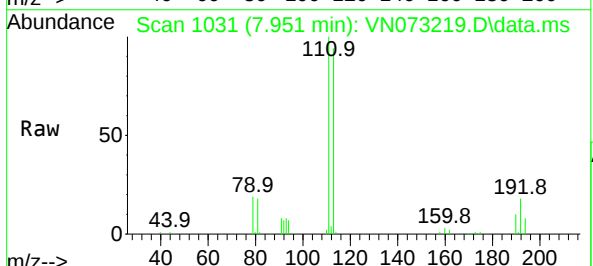
Tgt Ion:113 Resp: 157561

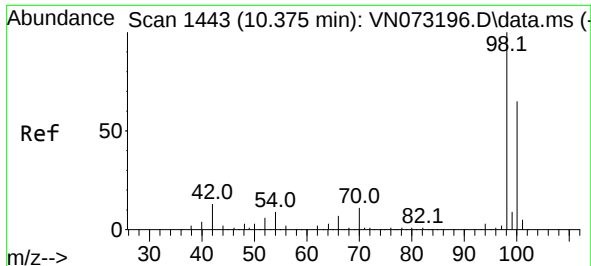
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 18.7 17.0 25.6

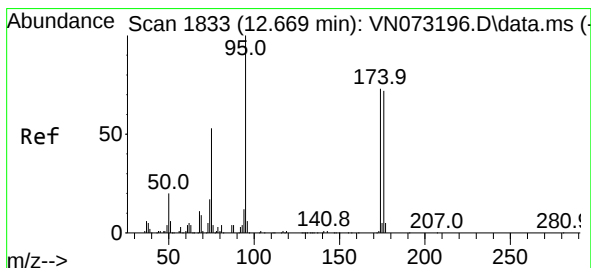
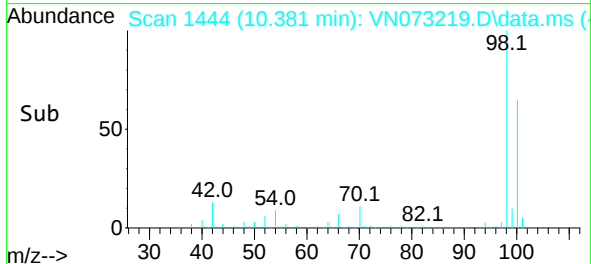
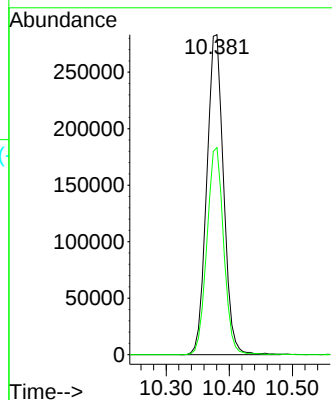
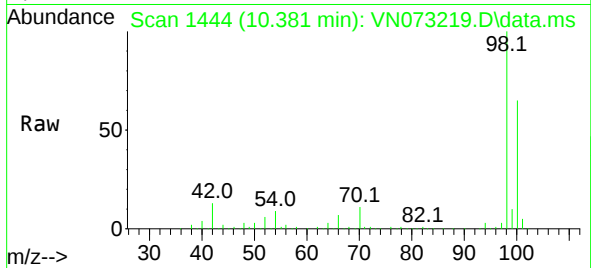




#50
Toluene-d8
Concen: 44.846 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

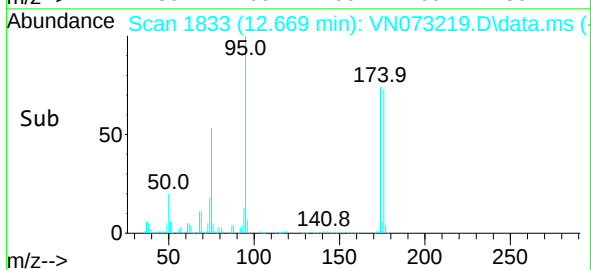
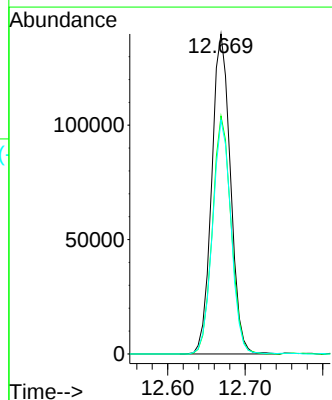
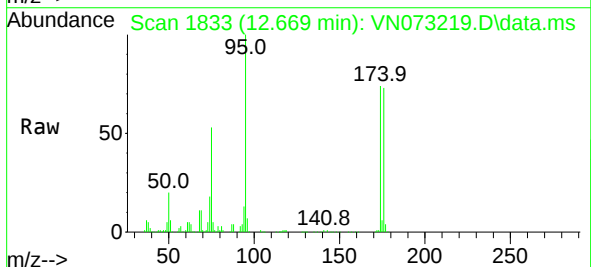
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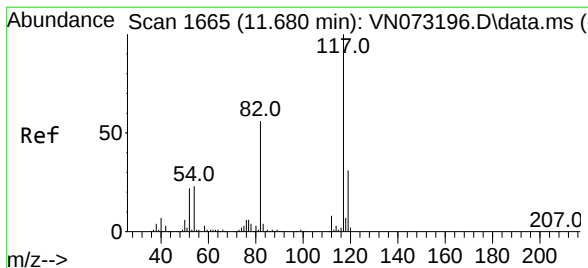
Tgt Ion: 98 Resp: 522604
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.474 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073219.D
Acq: 29 Jun 2022 00:16

Tgt Ion: 95 Resp: 234994
Ion Ratio Lower Upper
95 100
174 73.9 0.0 167.6
176 72.0 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: VN073219.D

Acq: 29 Jun 2022 00:16

Instrument :

MSVOA_N

ClientSampleId :

FB061622

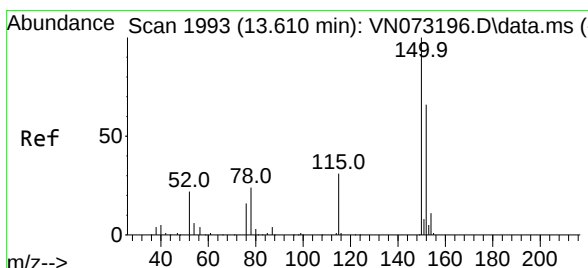
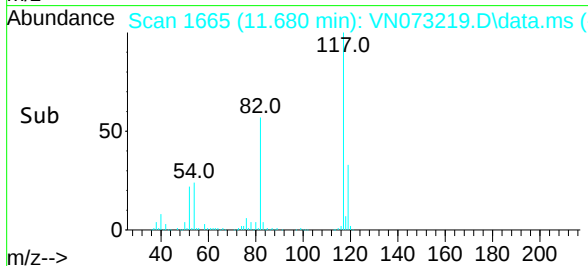
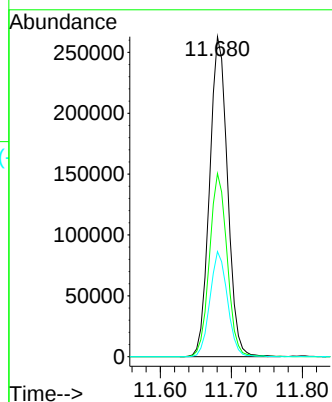
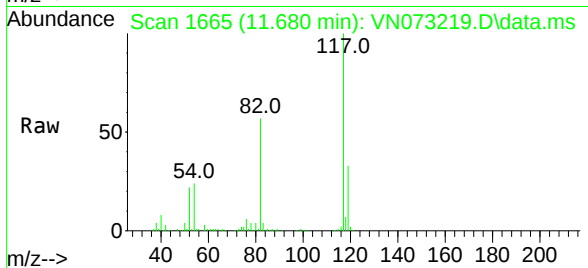
Tgt Ion:117 Resp: 461991

Ion Ratio Lower Upper

117 100

82 57.2 44.2 66.2

119 32.9 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: VN073219.D

Acq: 29 Jun 2022 00:16

Tgt Ion:152 Resp: 226413

Ion Ratio Lower Upper

152 100

115 60.9 28.9 86.7

150 156.4 0.0 356.2

