

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070579.D
 Acq On : 12 Jan 2022 11:23
 Operator : JC/MD
 Sample : VN0112MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112MBL01

Quant Time: Jan 13 04:25:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.083	168	962589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1871621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	2227729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	932988	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	679975	49.130	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.260%
35) Dibromofluoromethane	8.021	113	533423	47.105	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.200%
50) Toluene-d8	10.438	98	2485749	53.734	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.460%
62) 4-Bromofluorobenzene	12.728	95	1105674	66.175	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	132.340%

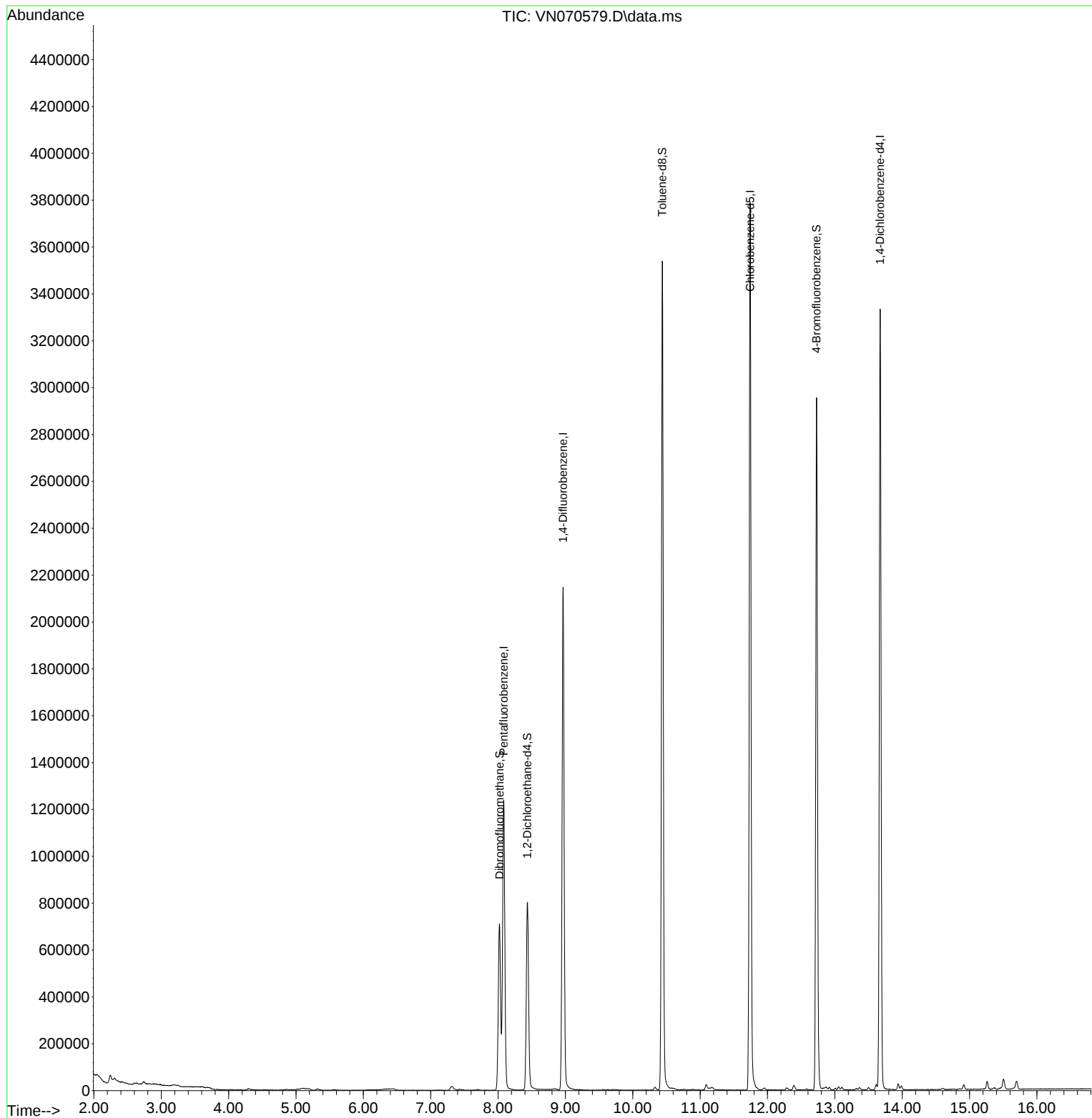
Target Compounds	Qvalue

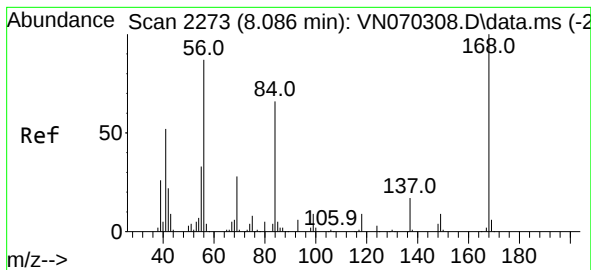
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.083 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070579.D

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Instrument :

MSVOA_N

ClientSampleId :

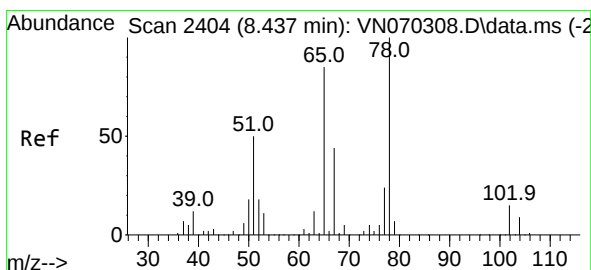
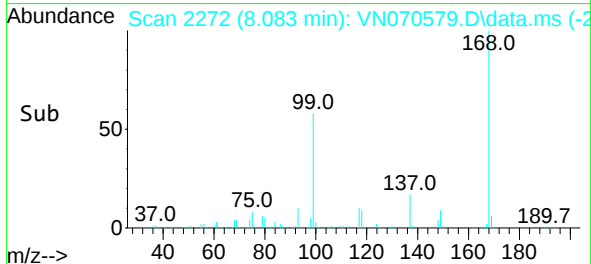
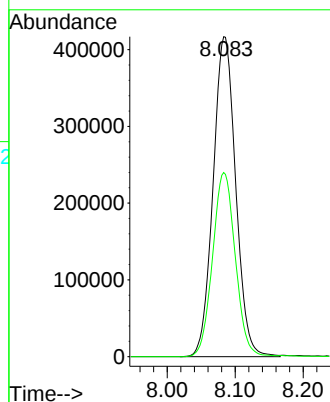
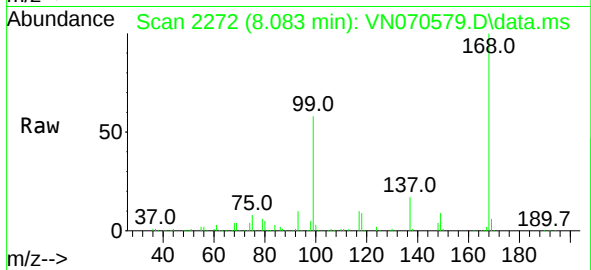
VN0112MBL01

Tgt Ion:168 Resp: 962589

Ion Ratio Lower Upper

168 100

99 57.5 41.3 61.9



#33

1,2-Dichloroethane-d4

Concen: 49.130 ug/l

RT: 8.434 min Scan# 2403

Delta R.T. -0.003 min

Lab File: VN070579.D

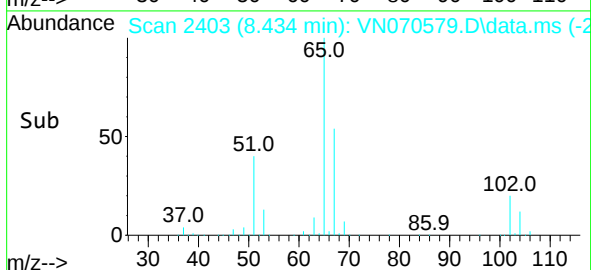
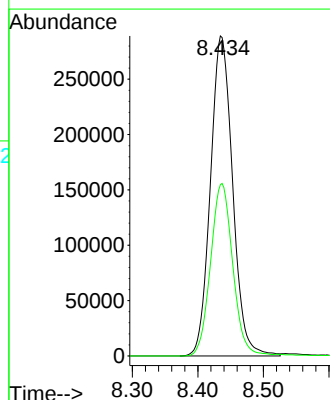
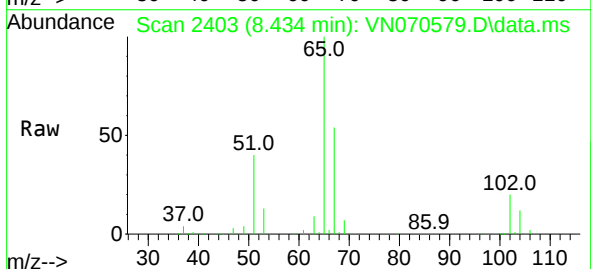
Acq: 12 Jan 2022 11:23

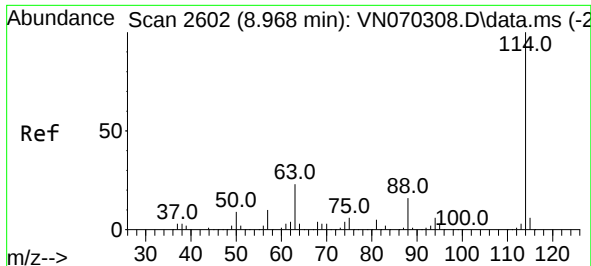
Tgt Ion: 65 Resp: 679975

Ion Ratio Lower Upper

65 100

67 53.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2602

Delta R.T. -0.003 min

Lab File: VN070579.D

Acq: 12 Jan 2022 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0112MBL01

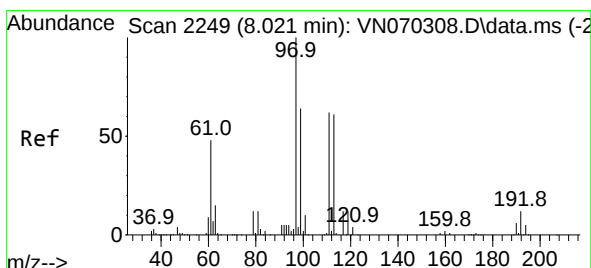
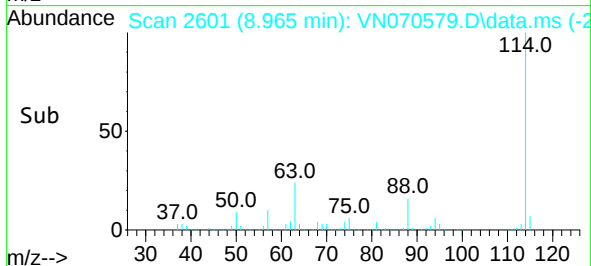
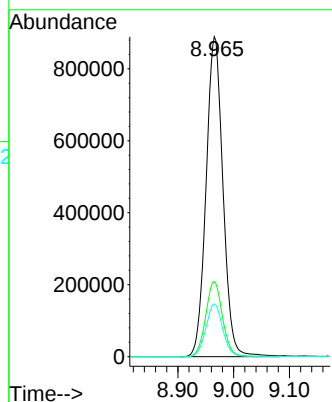
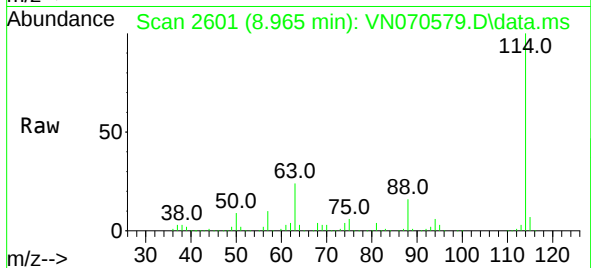
Tgt Ion:114 Resp: 1871621

Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.5 0.0 27.4



#35

Dibromofluoromethane

Concen: 47.105 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070579.D

Acq: 12 Jan 2022 11:23

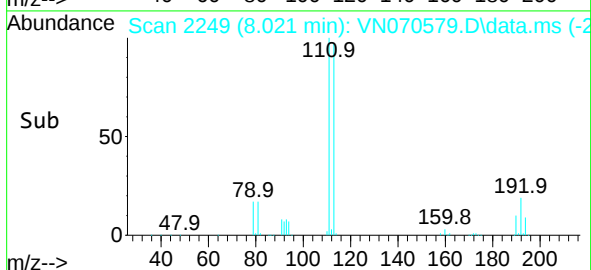
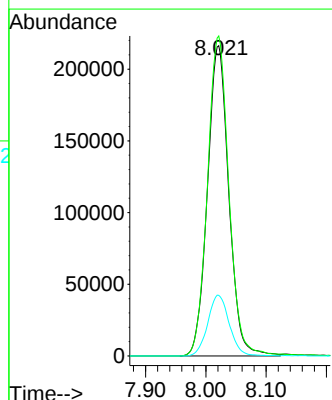
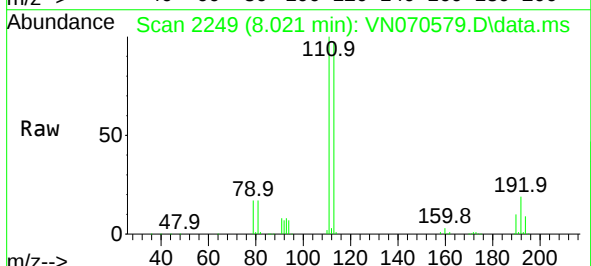
Tgt Ion:113 Resp: 533423

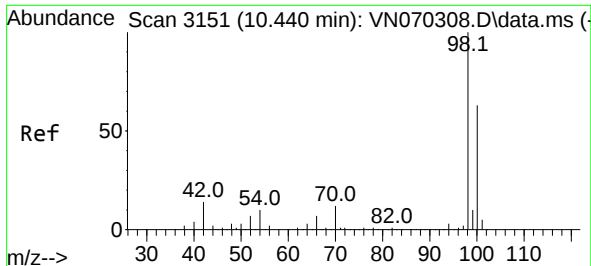
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 19.8 16.9 25.3

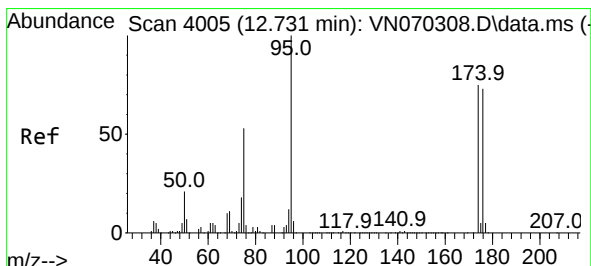
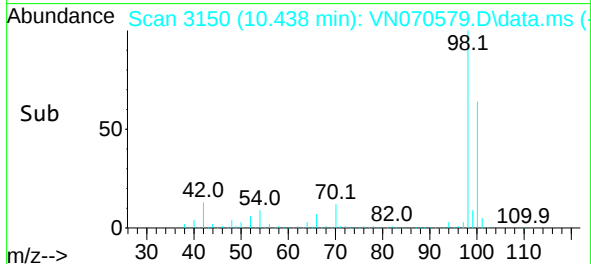
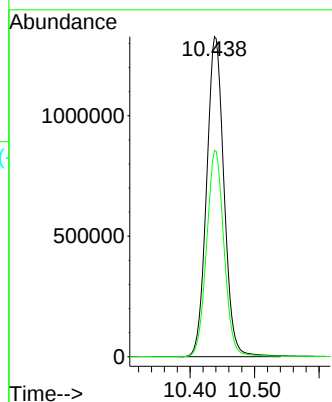
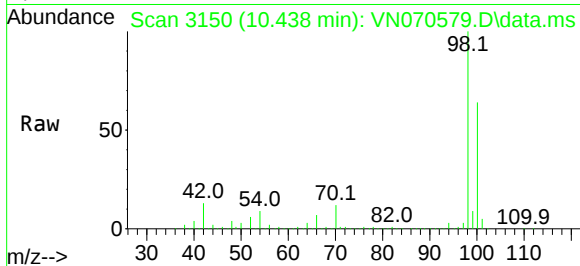




#50
Toluene-d8
Concen: 53.734 ug/l
RT: 10.438 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

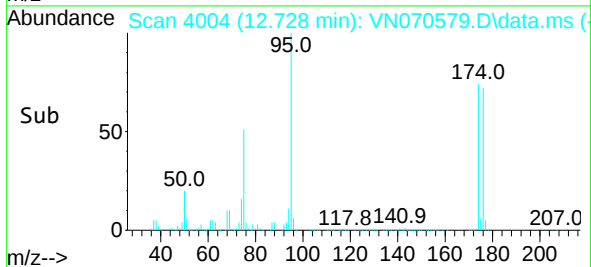
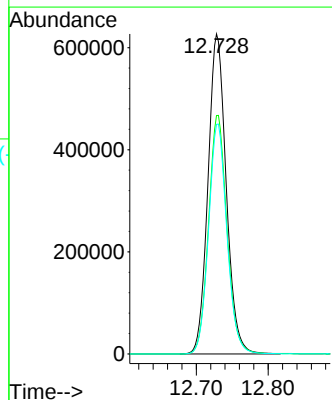
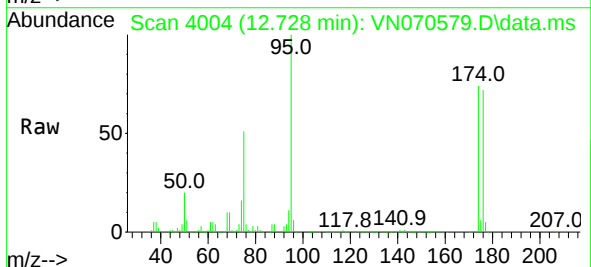
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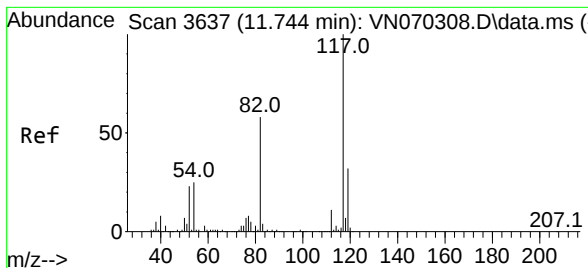
Tgt Ion: 98 Resp: 2485749
Ion Ratio Lower Upper
98 100
100 64.8 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 66.175 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070579.D
Acq: 12 Jan 2022 11:23

Tgt Ion: 95 Resp: 1105674
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 72.4 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.741 min Scan# 3

Delta R.T. -0.003 min

Lab File: VN070579.D

Acq: 12 Jan 2022 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0112MBL01

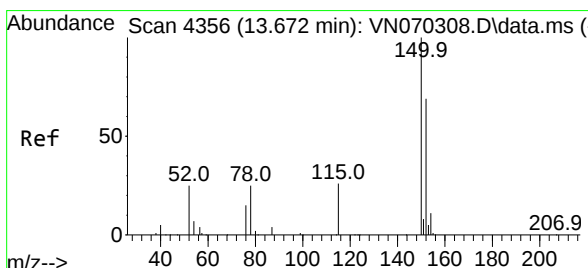
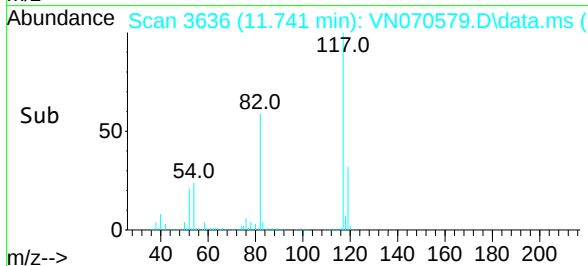
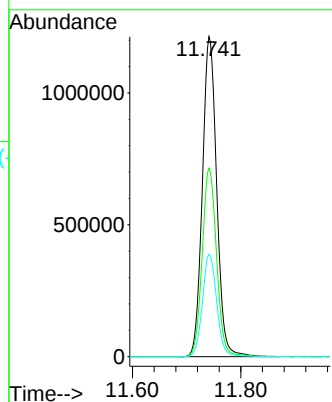
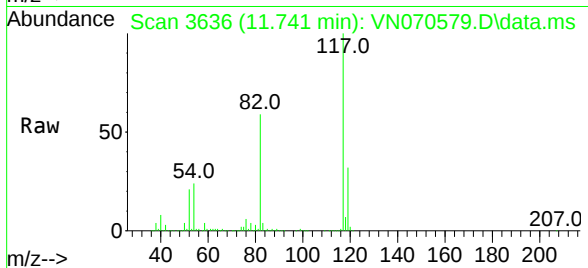
Tgt Ion:117 Resp: 2227729

Ion Ratio Lower Upper

117 100

82 58.9 42.4 63.6

119 32.0 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.672 min Scan# 4356

Delta R.T. 0.000 min

Lab File: VN070579.D

Acq: 12 Jan 2022 11:23

Tgt Ion:152 Resp: 932988

Ion Ratio Lower Upper

152 100

115 60.0 27.5 82.5

150 156.1 0.0 344.4

