

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031822\
 Data File : VN071371.D
 Acq On : 18 Mar 2022 14:42
 Operator : JC\MD
 Sample : N1974-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 19 07:07:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	766659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1293934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1240211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	448481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	504802	48.043	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.080%
35) Dibromofluoromethane	8.016	113	385204	47.176	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.360%
50) Toluene-d8	10.439	98	1606183	48.857	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.720%
62) 4-Bromofluorobenzene	12.727	95	599344	53.838	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.680%

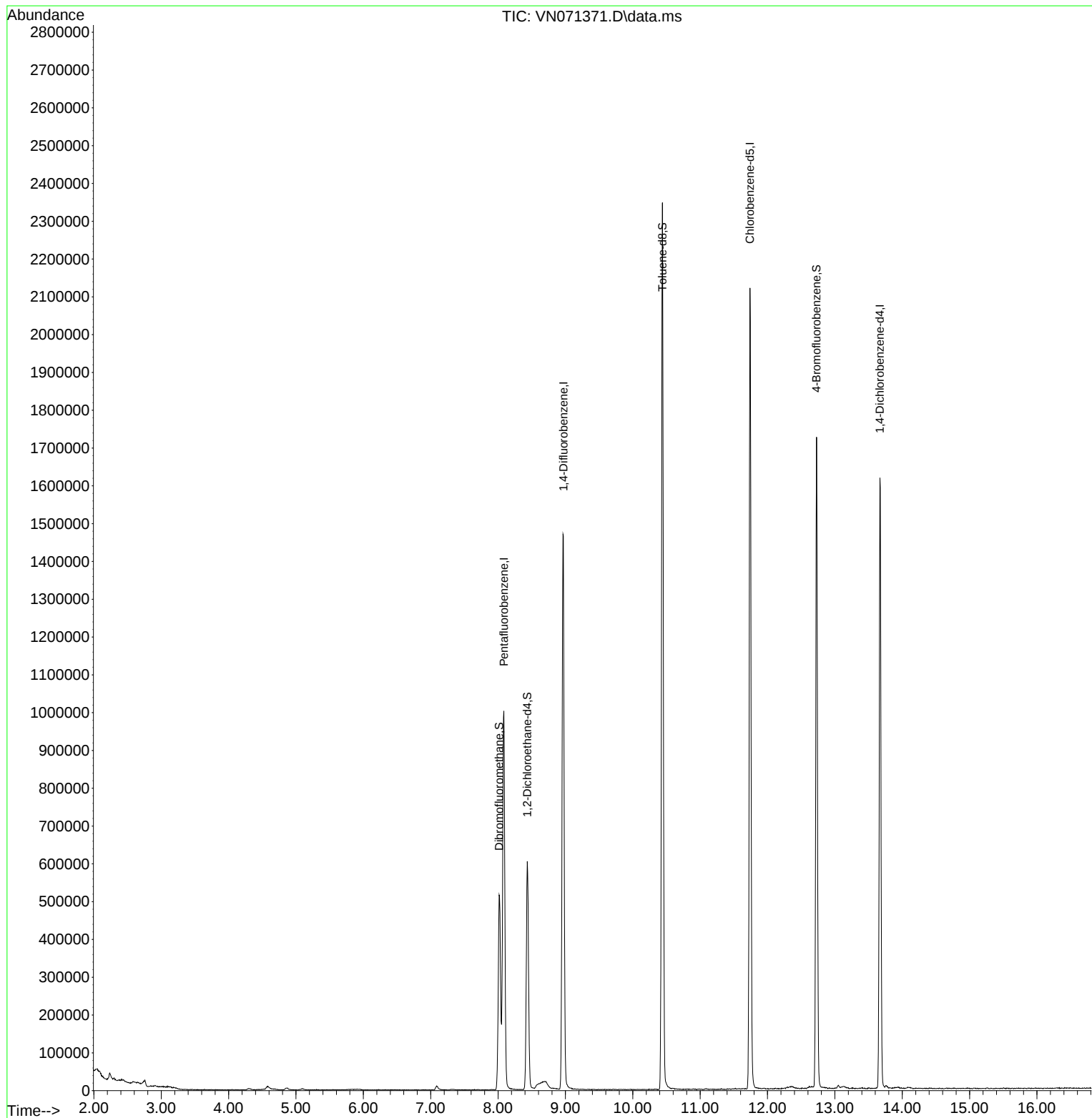
Target Compounds	Qvalue

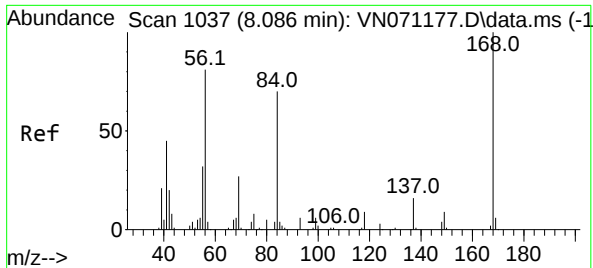
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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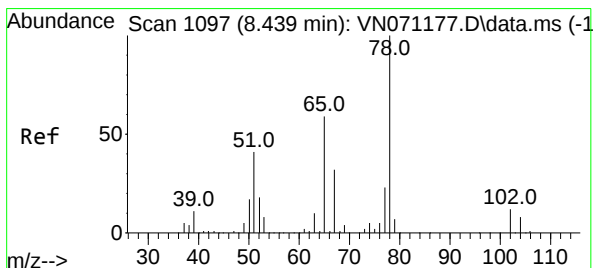
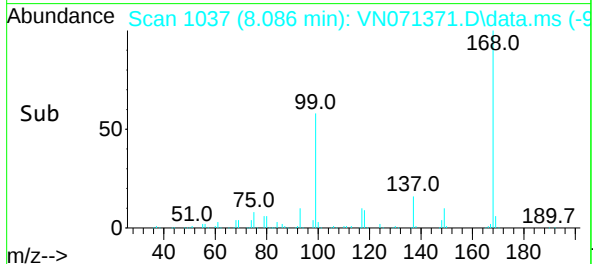
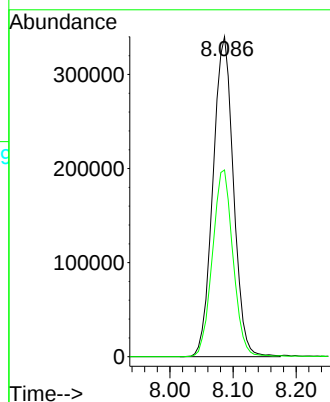
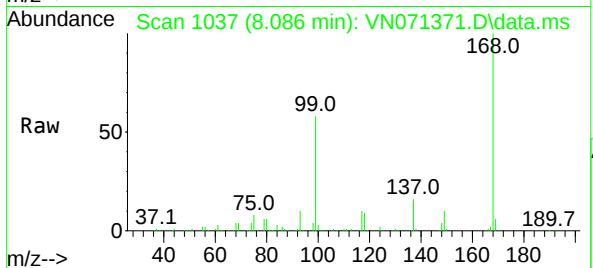




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071371.D
Acq: 18 Mar 2022 14:42

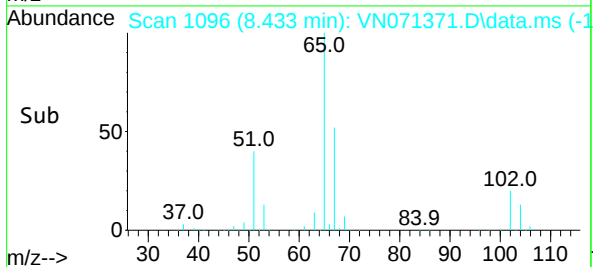
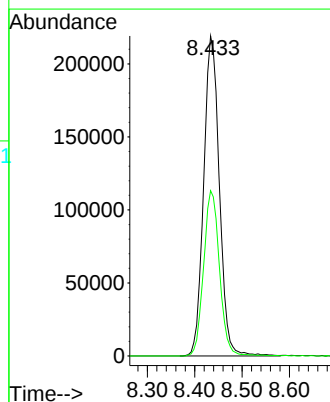
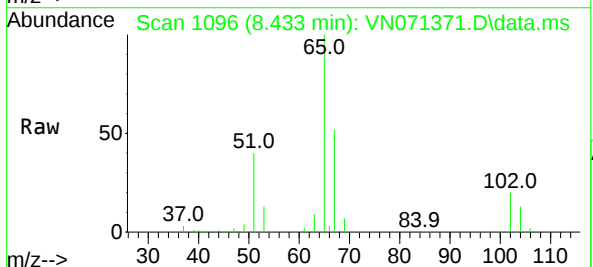
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

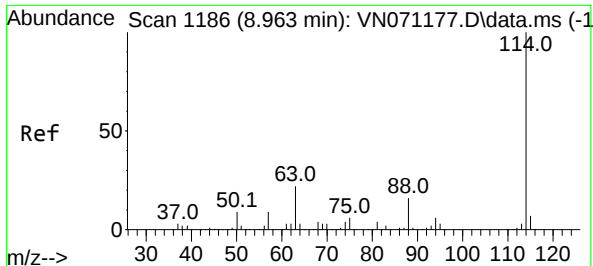
Tgt Ion:168 Resp: 766659
Ion Ratio Lower Upper
168 100
99 58.3 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 48.043 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071371.D
Acq: 18 Mar 2022 14:42

Tgt Ion: 65 Resp: 504802
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN071371.D

Acq: 18 Mar 2022 14:42

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

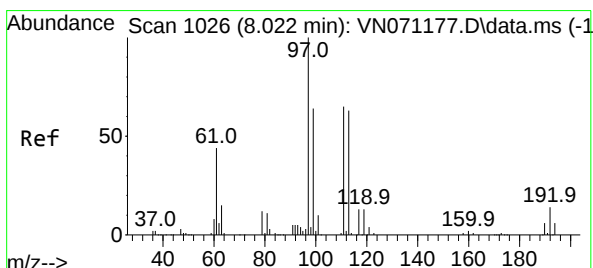
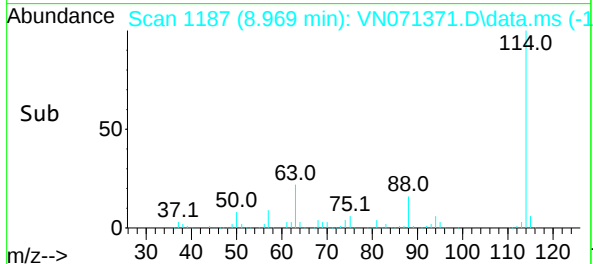
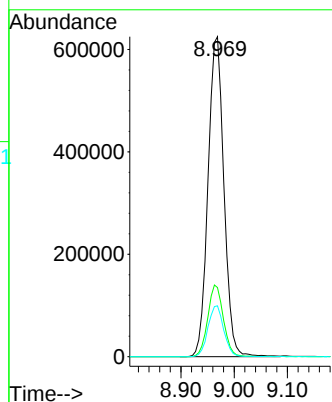
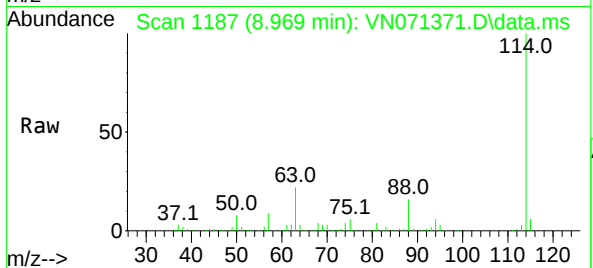
Tgt Ion:114 Resp: 1293934

Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

88 15.9 0.0 27.4



#35

Dibromofluoromethane

Concen: 47.176 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN071371.D

Acq: 18 Mar 2022 14:42

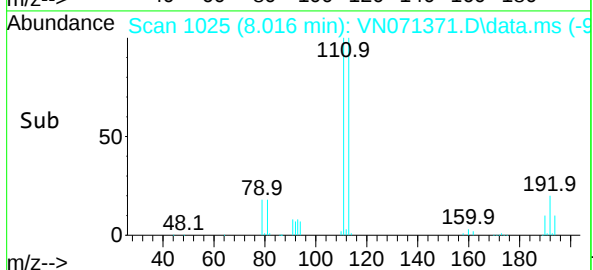
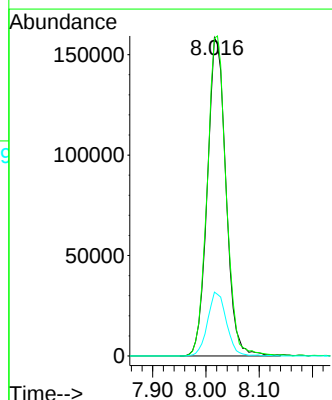
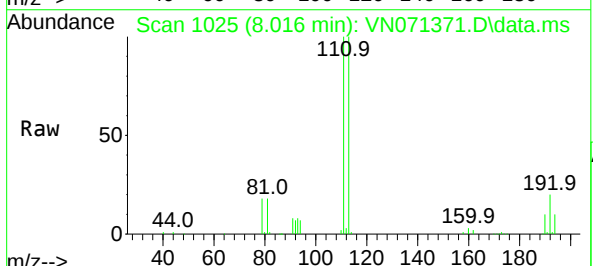
Tgt Ion:113 Resp: 385204

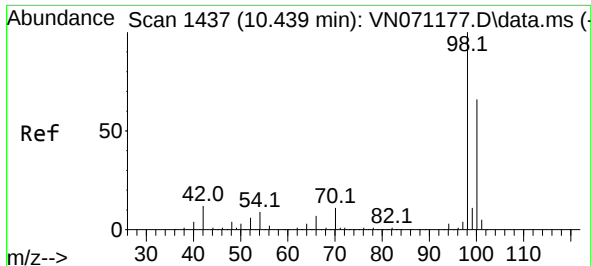
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 20.2 16.9 25.3

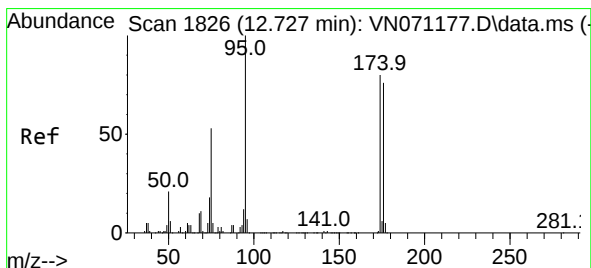
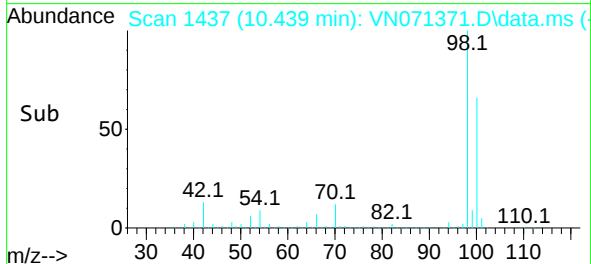
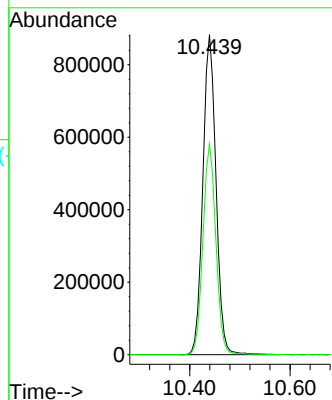
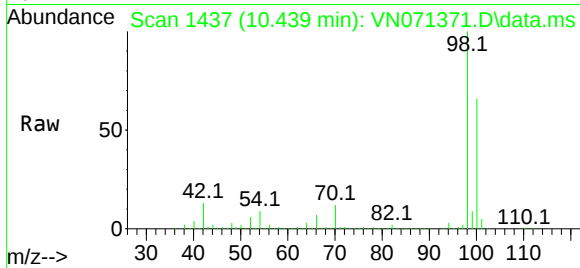




#50
Toluene-d8
Concen: 48.857 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071371.D
Acq: 18 Mar 2022 14:42

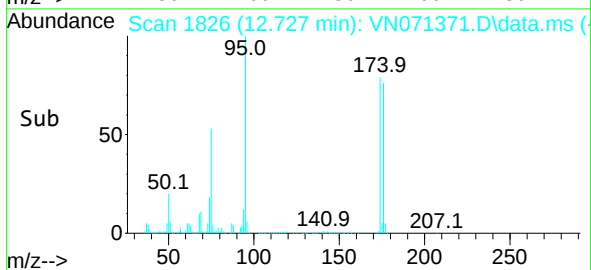
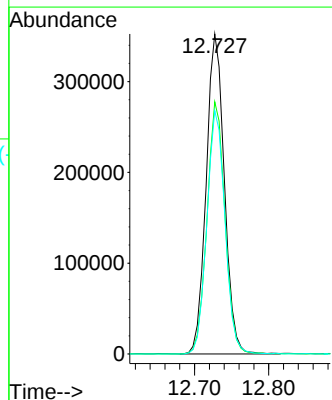
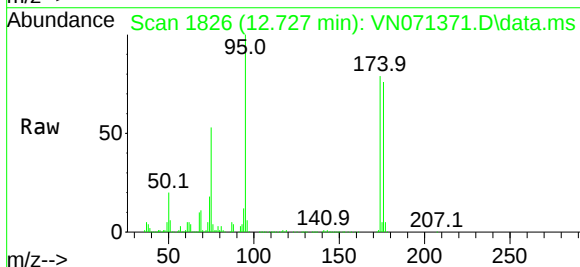
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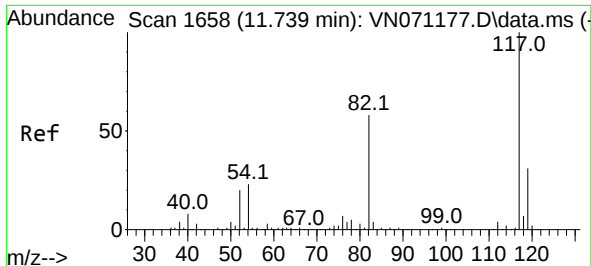
Tgt Ion: 98 Resp: 1606183
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 53.838 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071371.D
Acq: 18 Mar 2022 14:42

Tgt Ion: 95 Resp: 599344
Ion Ratio Lower Upper
95 100
174 78.2 0.0 187.2
176 75.7 0.0 181.4

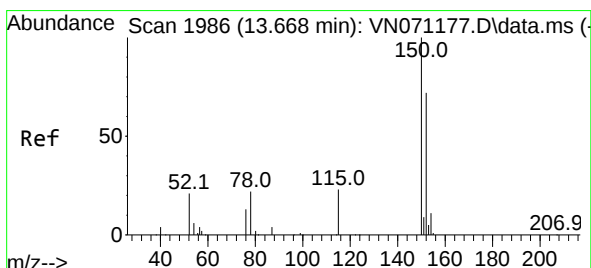
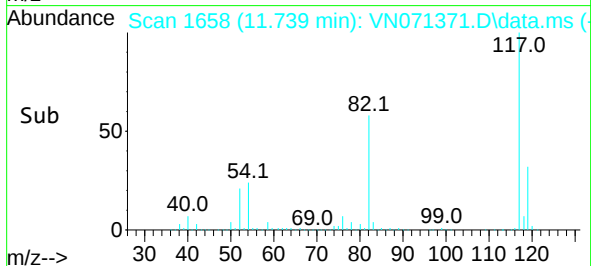
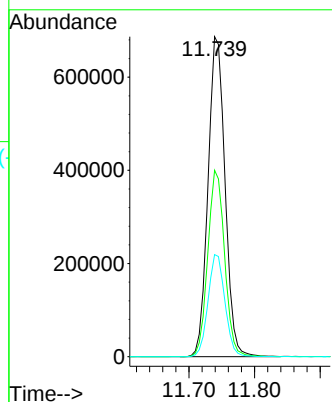
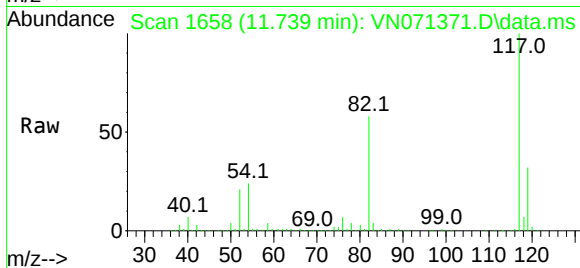




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071371.D
Acq: 18 Mar 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 1240211
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071371.D
Acq: 18 Mar 2022 14:42

Tgt Ion:152 Resp: 448481
Ion Ratio Lower Upper
152 100
115 58.8 27.5 82.5
150 156.9 0.0 344.4

