

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072588.D
 Acq On : 24 May 2022 15:04
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 25 09:18:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	219681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	310219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	232278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	99186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	109691	43.896	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.800%
35) Dibromofluoromethane	8.016	113	97196	48.341	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.680%
50) Toluene-d8	10.439	98	323413	42.126	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	84.260%
62) 4-Bromofluorobenzene	12.727	95	90767	36.351	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	72.700%

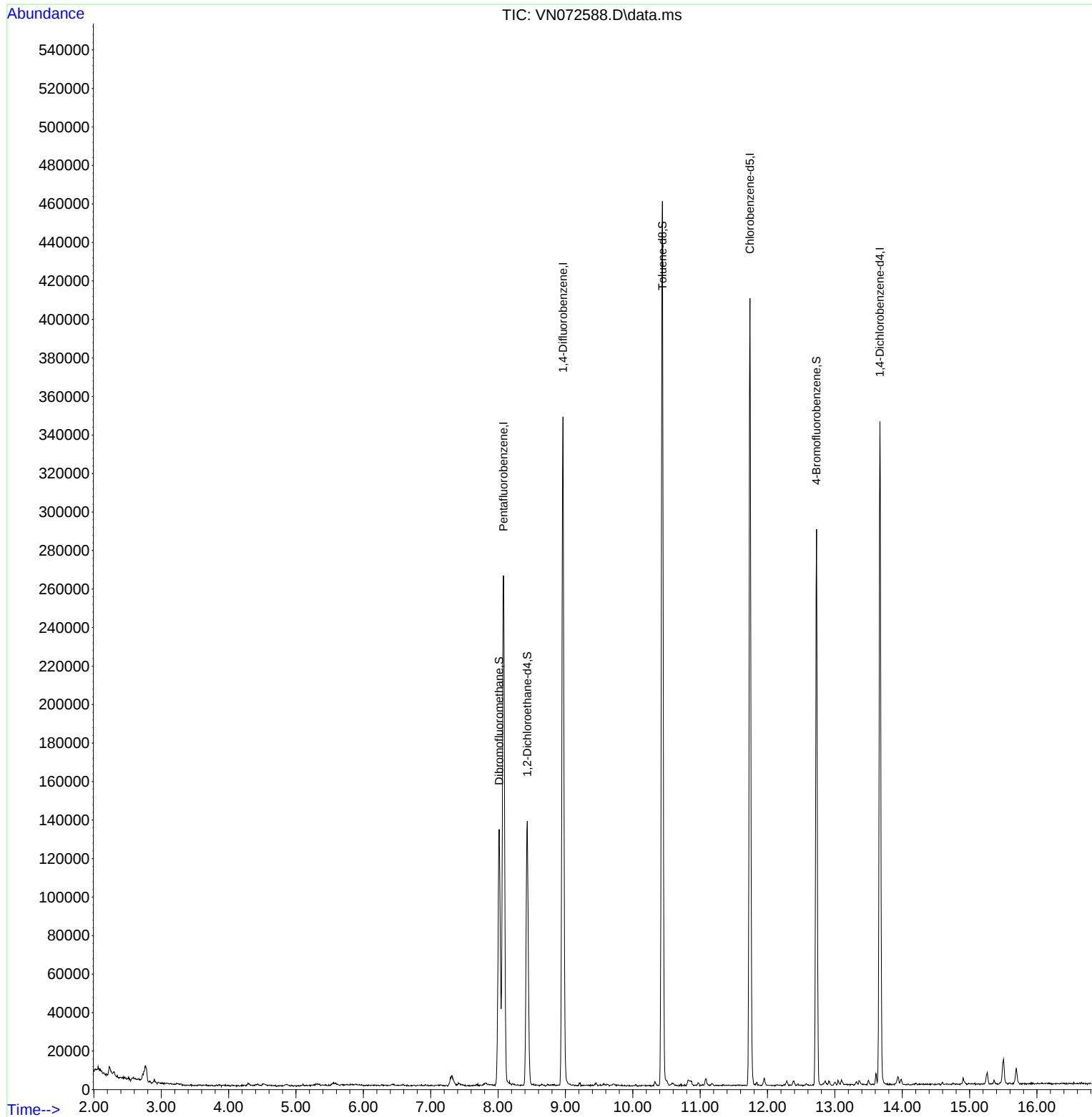
Target Compounds	Qvalue

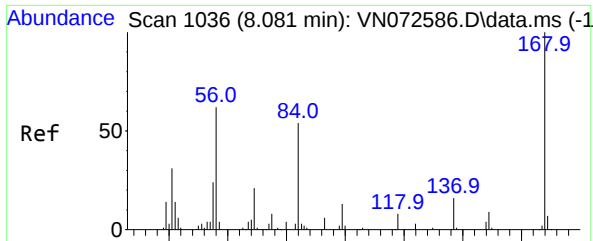
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VN072588.D

Acq: 24 May 2022 15:04

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MSVOA_N

ClientSampleId :

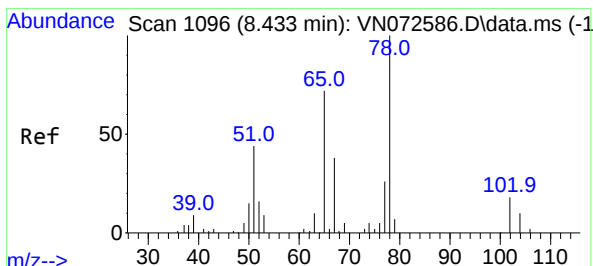
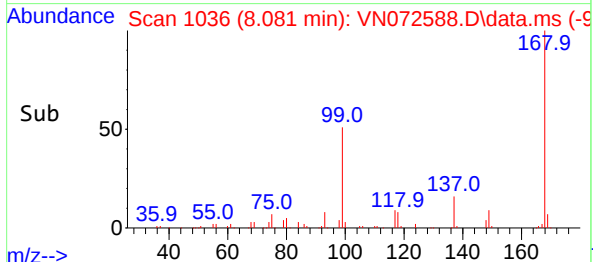
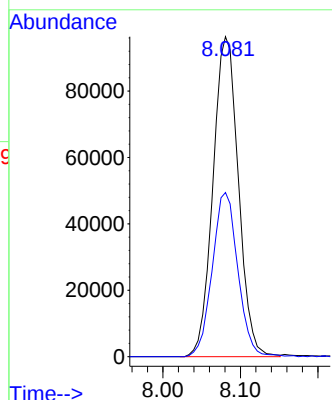
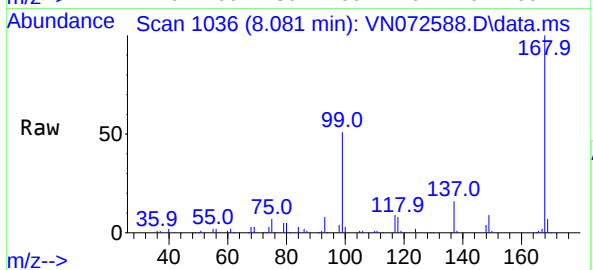
IBLK

Tgt Ion:168 Resp: 219681

Ion Ratio Lower Upper

168 100

99 51.3 42.3 63.5



1,2-Dichloroethane-d4

Concen: 43.896 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.001 min

Lab File: VN072588.D

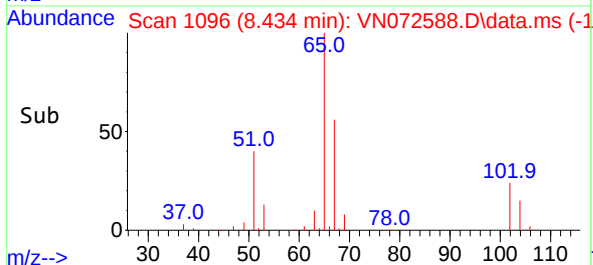
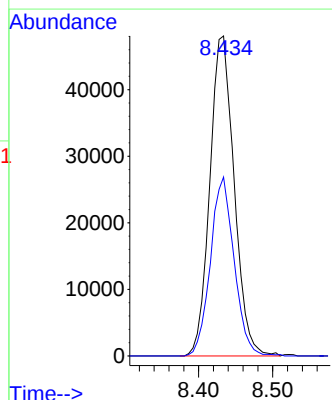
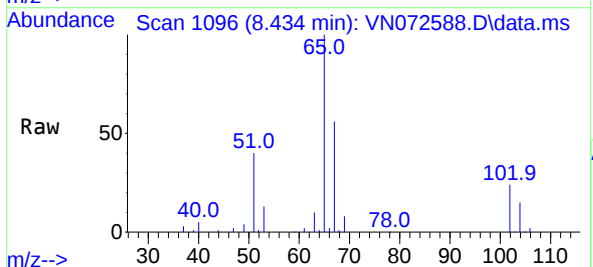
Acq: 24 May 2022 15:04

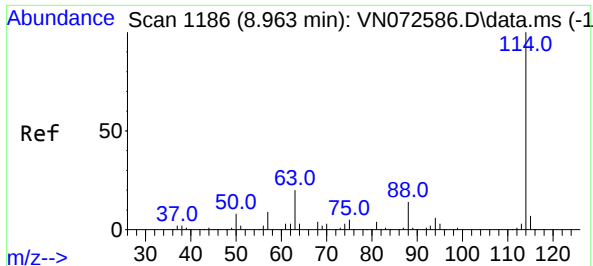
Tgt Ion: 65 Resp: 109691

Ion Ratio Lower Upper

65 100

67 54.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072588.D

Acq: 24 May 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

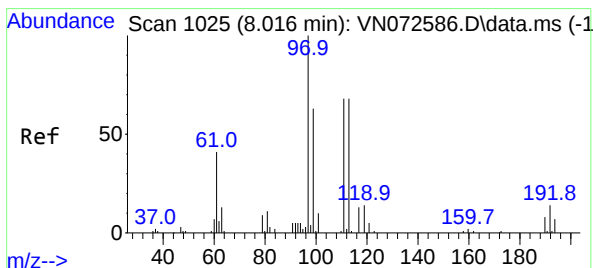
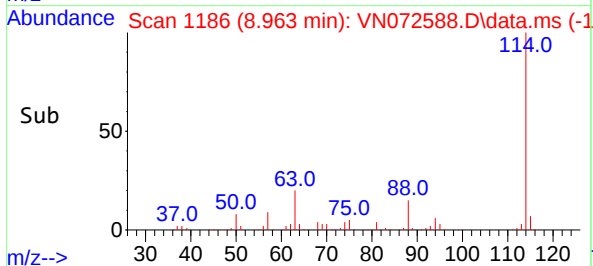
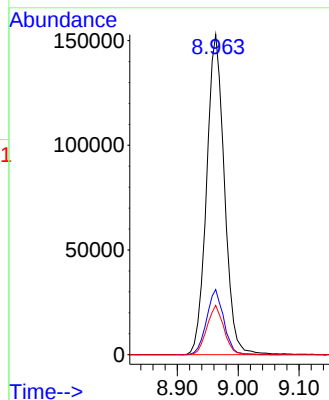
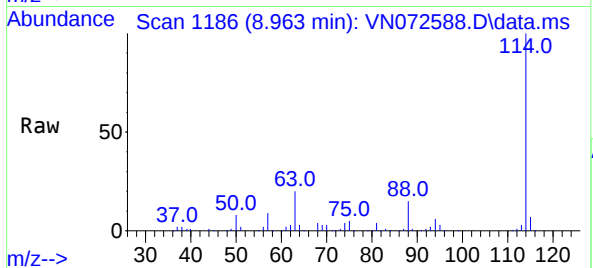
Tgt Ion:114 Resp: 310219

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.341 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072588.D

Acq: 24 May 2022 15:04

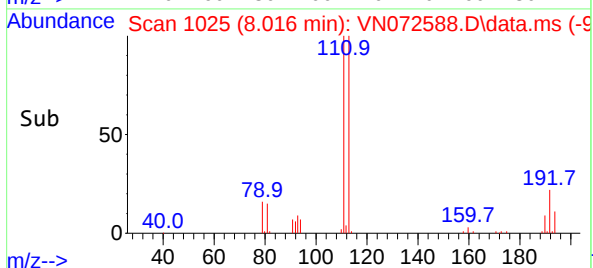
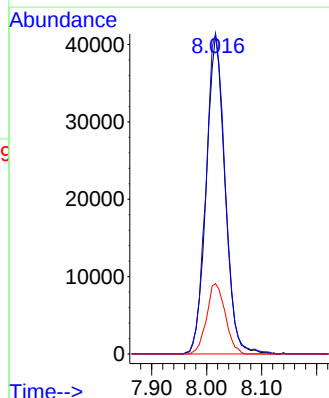
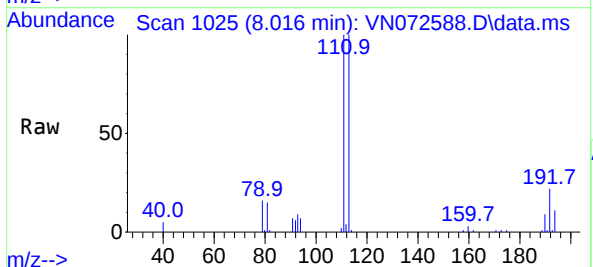
Tgt Ion:113 Resp: 97196

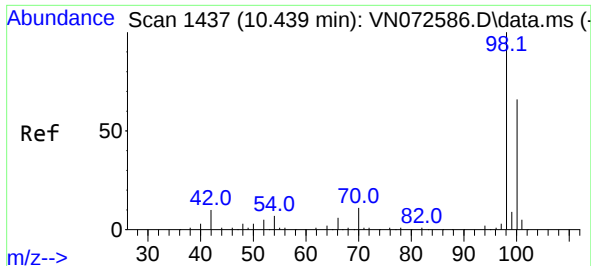
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 22.1 17.0 25.6

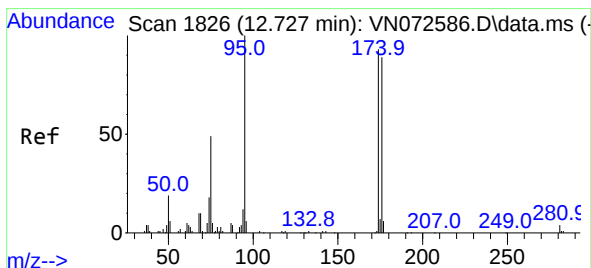
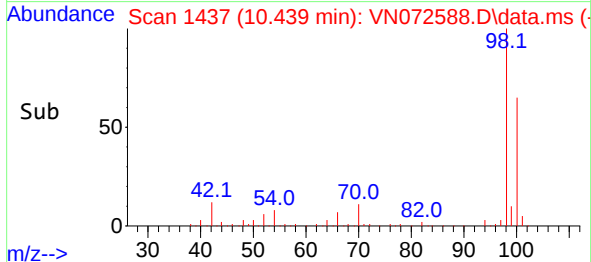
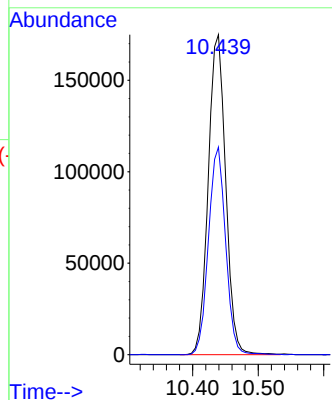
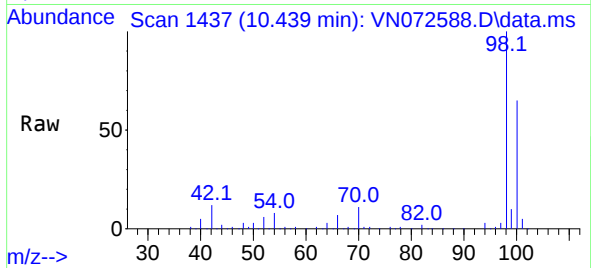




#50
Toluene-d8
Concen: 42.126 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

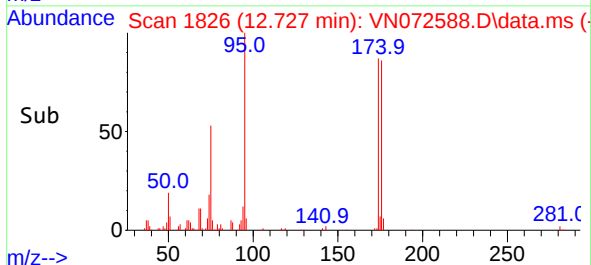
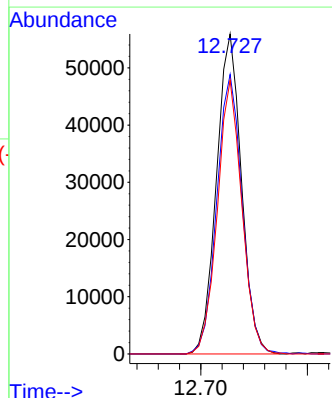
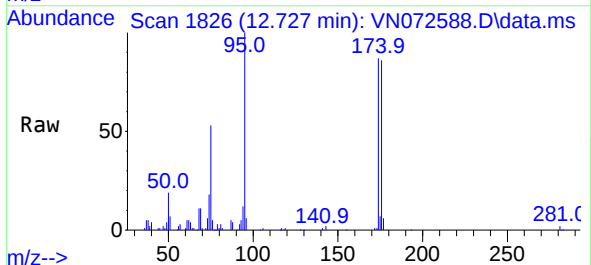
Instrument :
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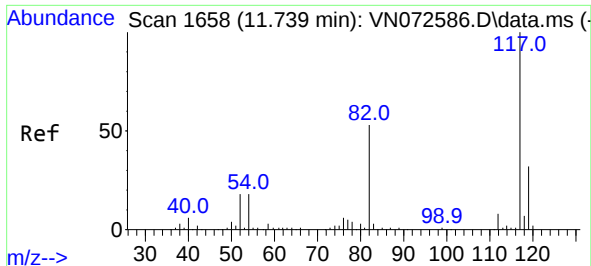
Tgt Ion: 98 Resp: 323413
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 36.351 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion: 95 Resp: 90767
Ion Ratio Lower Upper
95 100
174 88.6 0.0 167.6
176 83.9 0.0 163.4

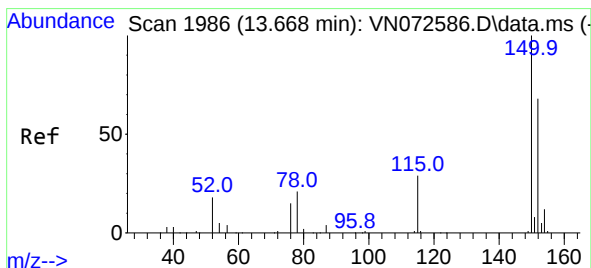
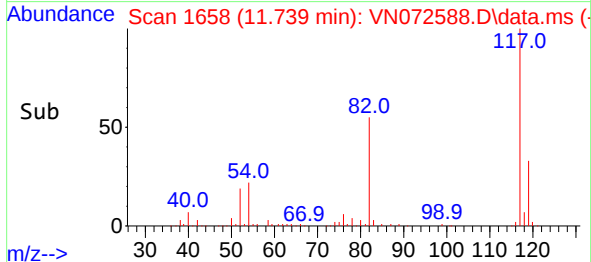
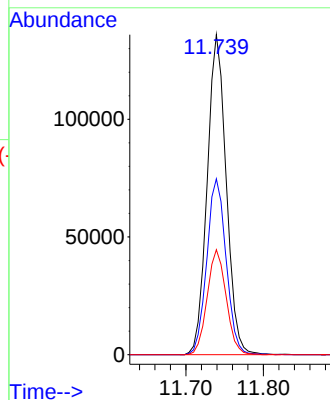
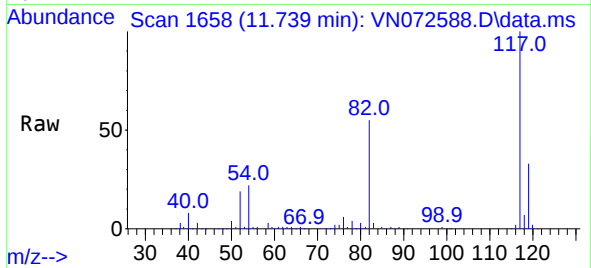




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 232278
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN072588.D
Acq: 24 May 2022 15:04

Tgt Ion:152 Resp: 99186
Ion Ratio Lower Upper
152 100
115 54.4 28.9 86.7
150 158.3 0.0 356.2

