

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072599.D
 Acq On : 24 May 2022 20:30
 Operator : JC\MD
 Sample : N2990-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RB-220517

Quant Time: May 25 09:21:56 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)

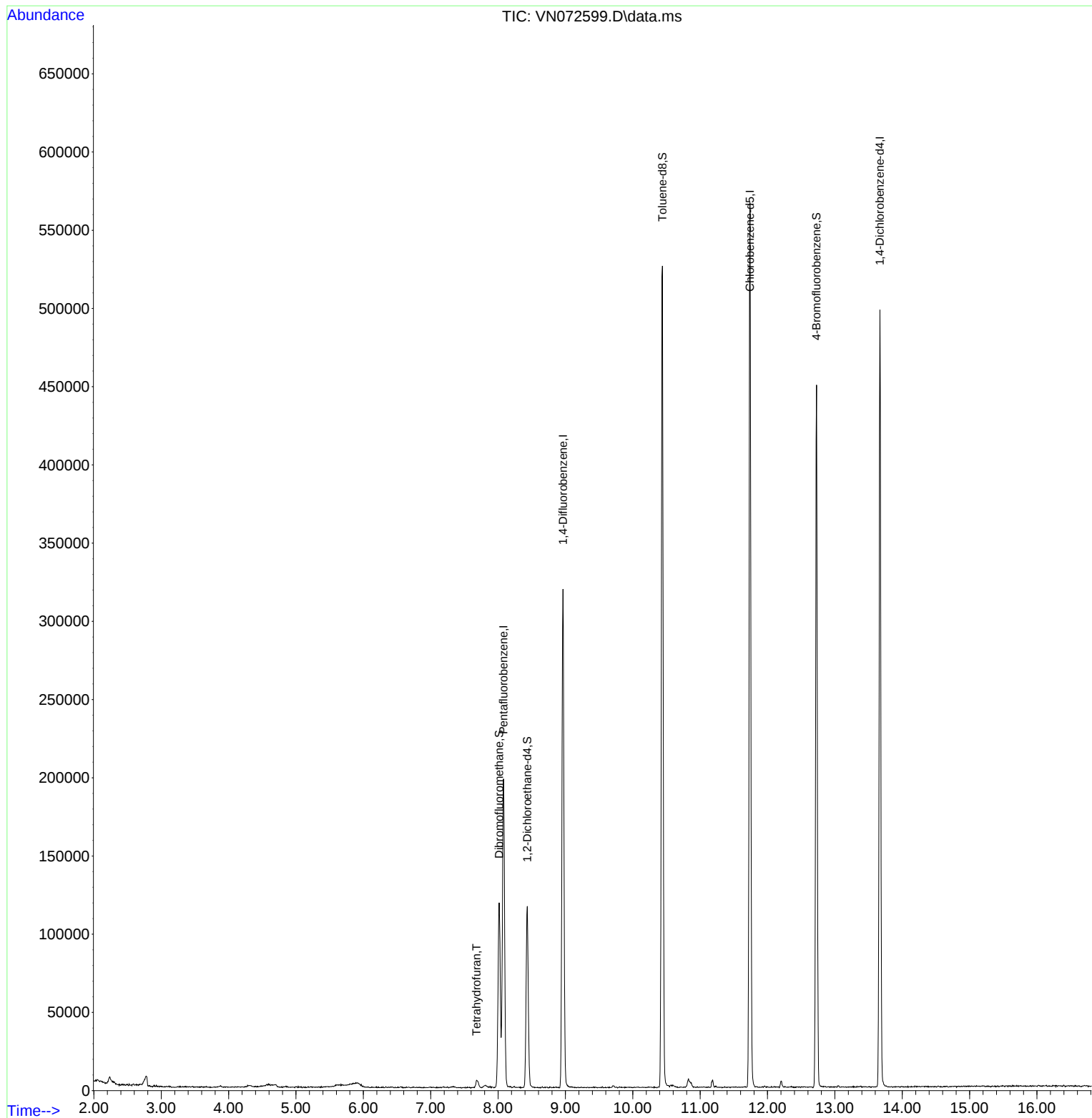
Internal Standards						
1) Pentafluorobenzene	8.081	168	162019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	294643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	345625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	143793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	93948	50.976	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.960%	
35) Dibromofluoromethane	8.016	113	87270	45.699	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 91.400%	
50) Toluene-d8	10.439	98	375457	51.491	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.980%	
62) 4-Bromofluorobenzene	12.727	95	150647	63.522	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 127.040%	
Target Compounds						
29) Tetrahydrofuran	7.681	42	3979	4.184	ug/l	Qvalue 89

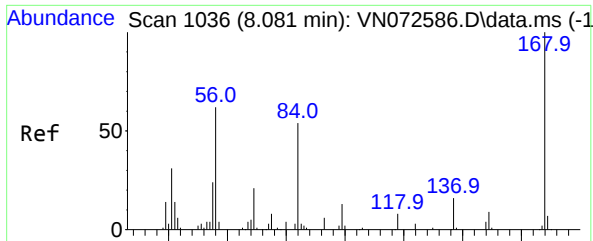
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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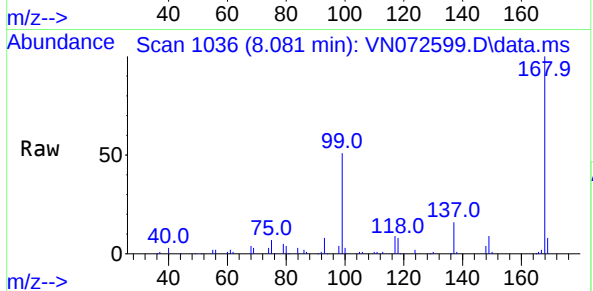
Quant Time: May 25 09:21:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
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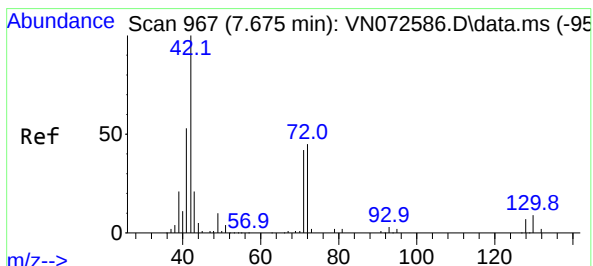
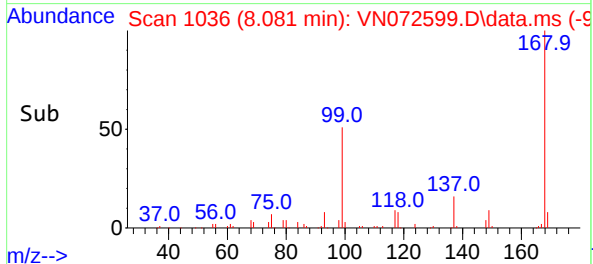
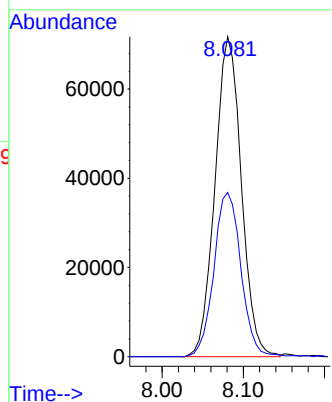


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072599.D
Acq: 24 May 2022 20:30

Instrument :
MSVOA_N
ClientSampleId :
RB-220517

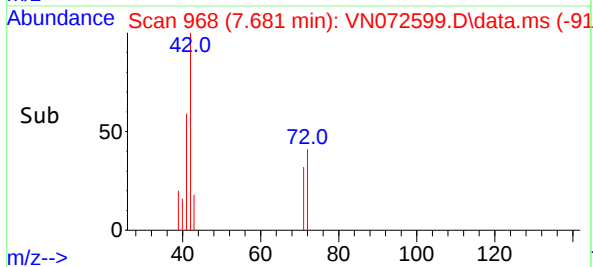
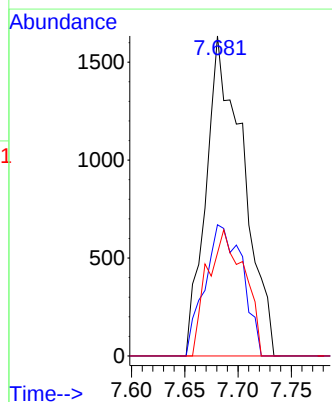
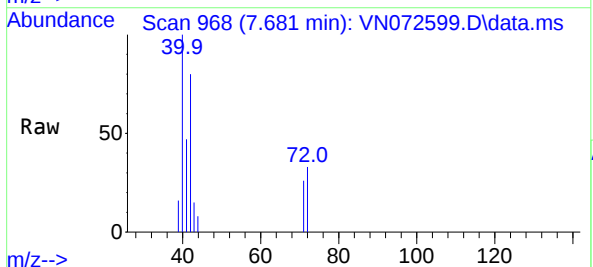


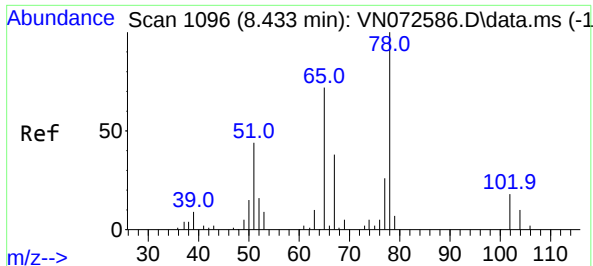
Tgt Ion:168 Resp: 162019
Ion Ratio Lower Upper
168 100
99 51.3 42.3 63.5



#29
Tetrahydrofuran
Concen: 4.184 ug/l
RT: 7.681 min Scan# 968
Delta R.T. 0.006 min
Lab File: VN072599.D
Acq: 24 May 2022 20:30

Tgt Ion: 42 Resp: 3979
Ion Ratio Lower Upper
42 100
72 41.4 39.7 59.5
71 38.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 50.976 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.001 min

Lab File: VN072599.D

Acq: 24 May 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

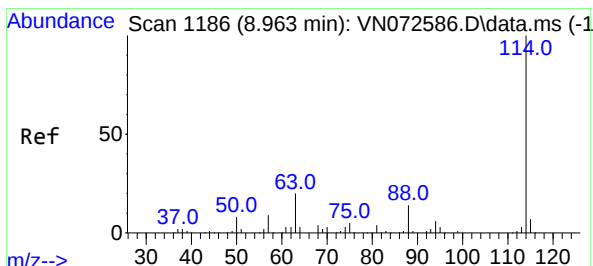
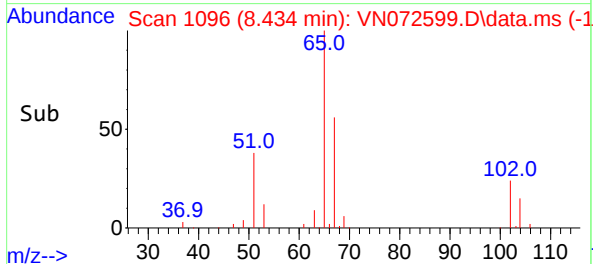
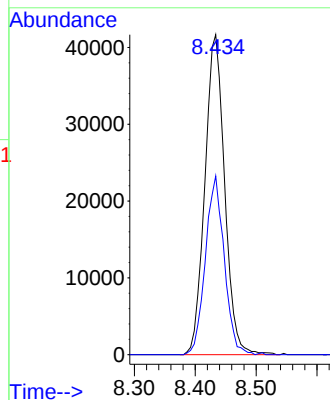
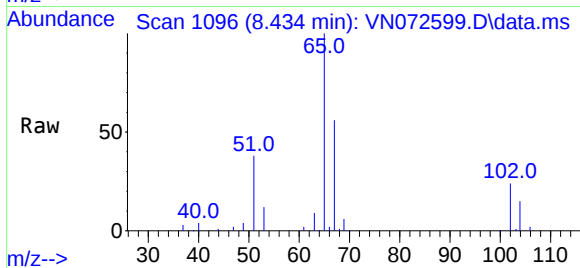
RB-220517

Tgt Ion: 65 Resp: 93948

Ion Ratio Lower Upper

65 100

67 53.1 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: VN072599.D

Acq: 24 May 2022 20:30

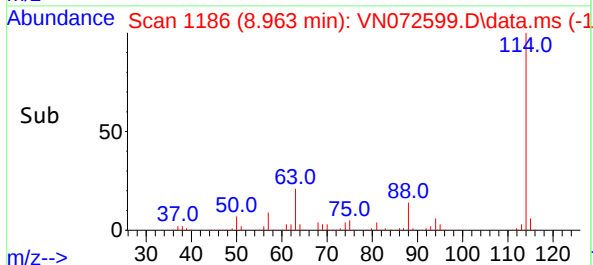
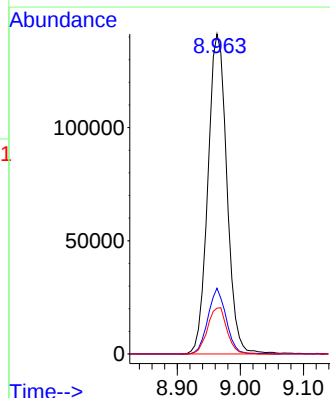
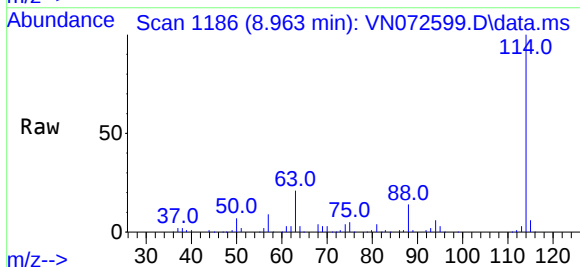
Tgt Ion: 114 Resp: 294643

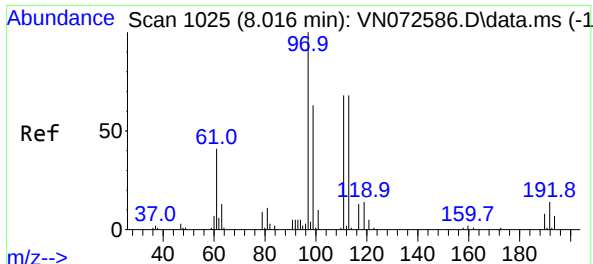
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 14.3 0.0 32.6

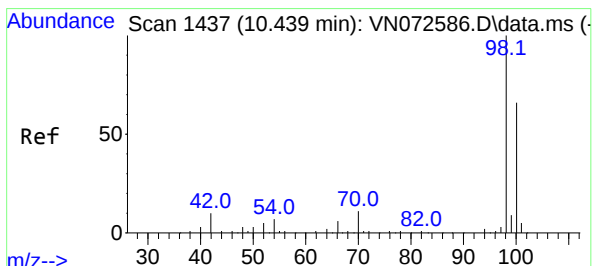
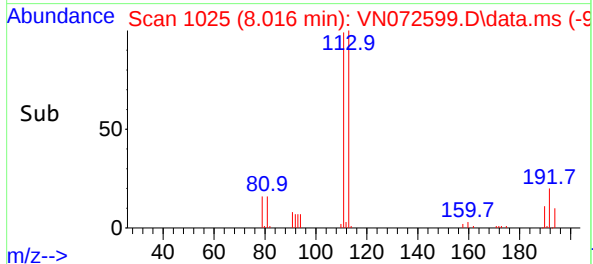
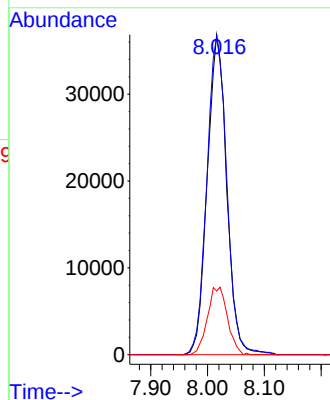
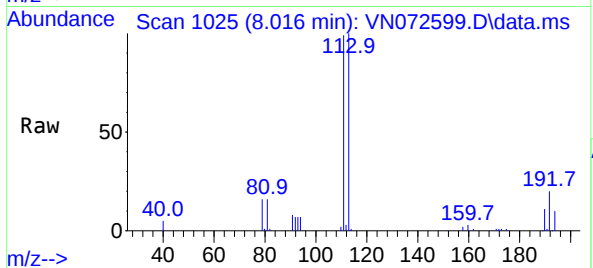




#35
Dibromofluoromethane
Concen: 45.699 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072599.D
Acq: 24 May 2022 20:30

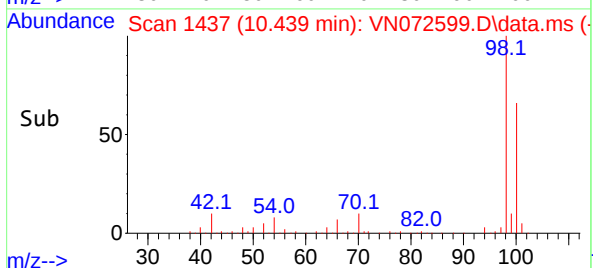
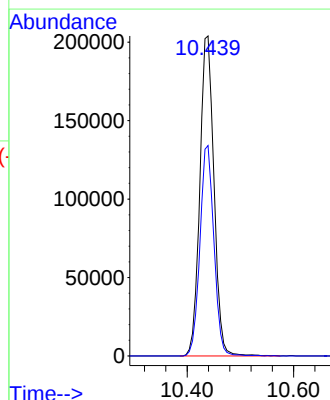
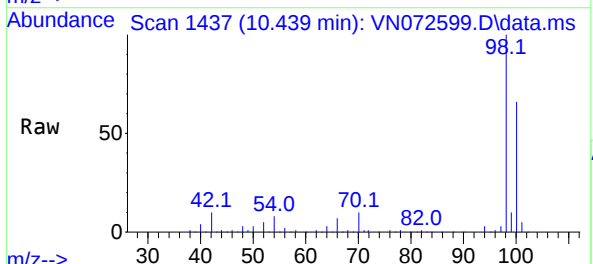
Instrument :
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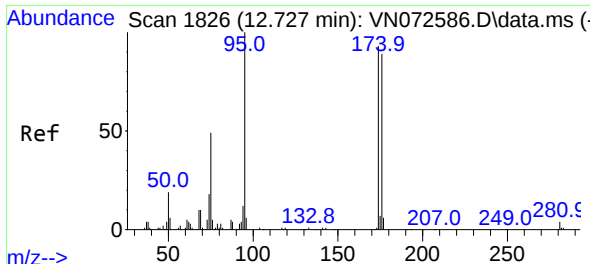
Tgt Ion:113 Resp: 87270
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 21.8 17.0 25.6



#50
Toluene-d8
Concen: 51.491 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072599.D
Acq: 24 May 2022 20:30

Tgt Ion: 98 Resp: 375457
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

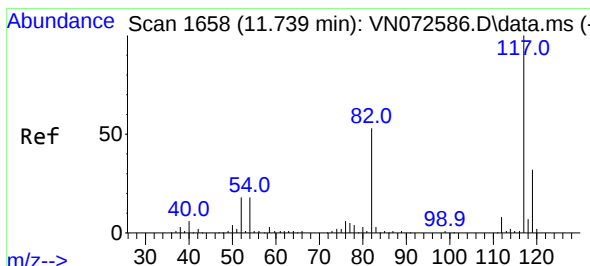
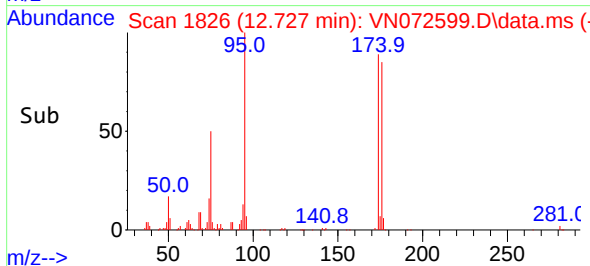
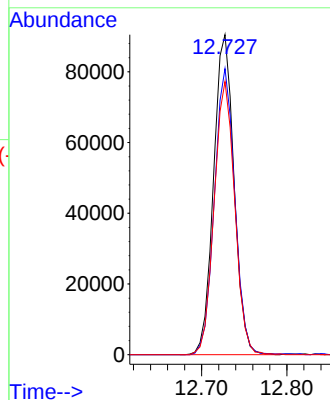
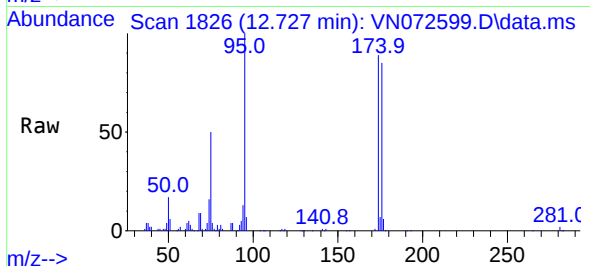




#62
4-Bromofluorobenzene
Concen: 63.522 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072599.D
Acq: 24 May 2022 20:30

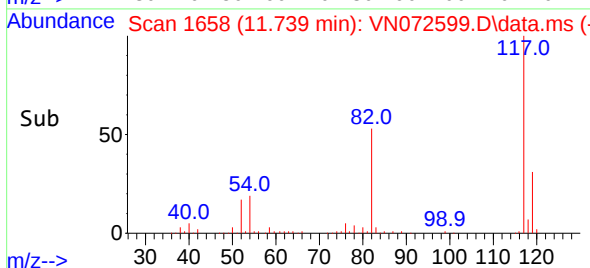
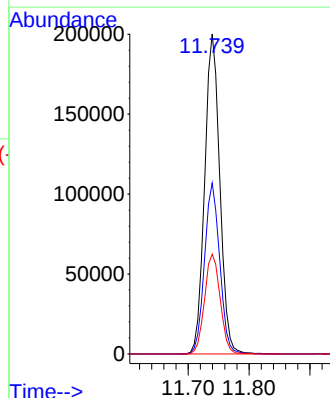
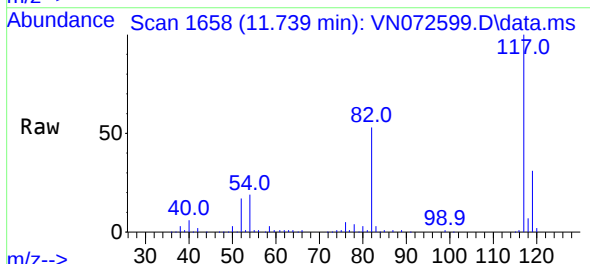
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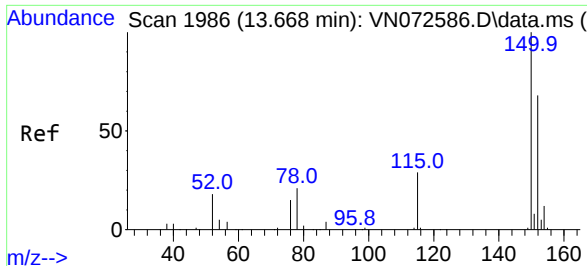
Tgt Ion: 95 Resp: 150647
Ion Ratio Lower Upper
95 100
174 89.4 0.0 167.6
176 85.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072599.D
Acq: 24 May 2022 20:30

Tgt Ion: 117 Resp: 345625
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.2
119 31.2 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: VN072599.D

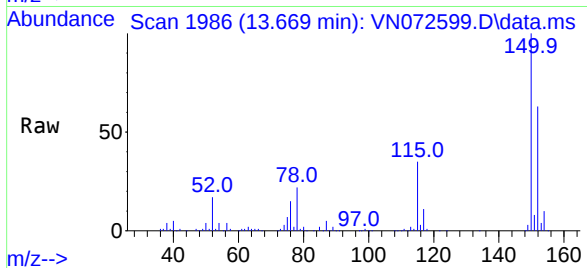
Acq: 24 May 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

RB-220517



Tgt Ion:152 Resp: 143793

Ion Ratio Lower Upper

152 100

115 55.1 28.9 86.7

150 156.9 0.0 356.2

