

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072802.D
 Acq On : 13 Jun 2022 13:04
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 14 05:20:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 17:28:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	256728	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	465149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	402409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	143594	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	207859	28.917	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	57.840%#
35) Dibromofluoromethane	8.022	113	153870	33.215	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	66.420%#
50) Toluene-d8	10.439	98	512038	27.522	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	55.040%#
62) 4-Bromofluorobenzene	12.727	95	195221	29.693	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	59.380%

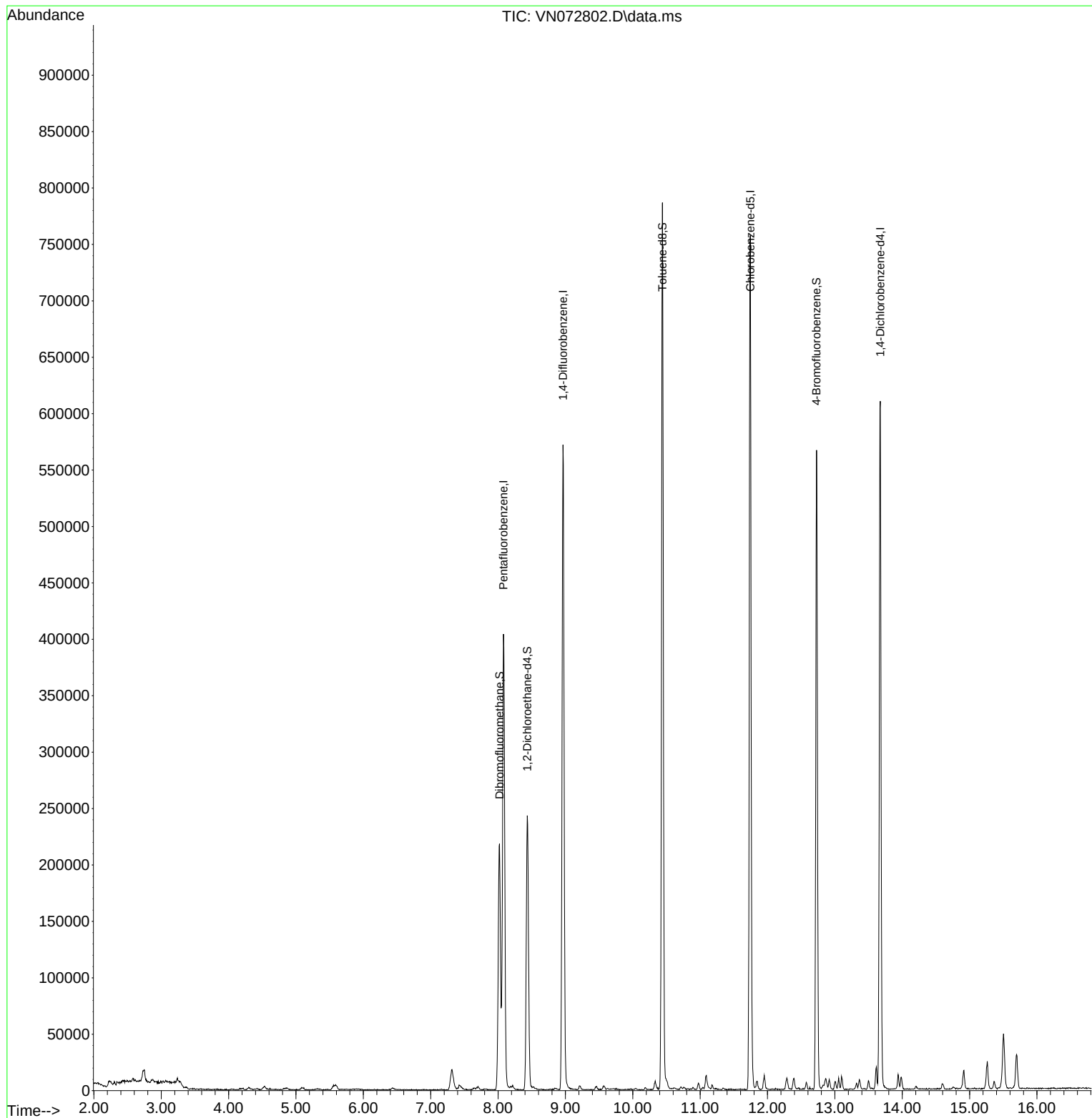
Target Compounds	Qvalue

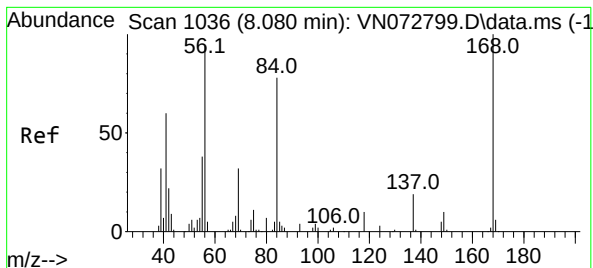
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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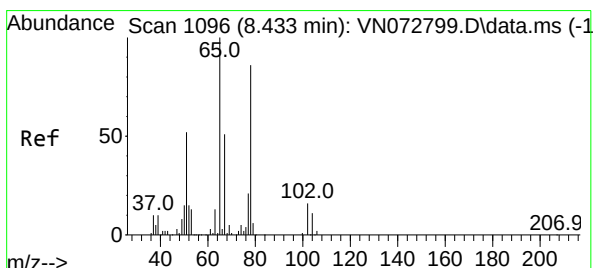
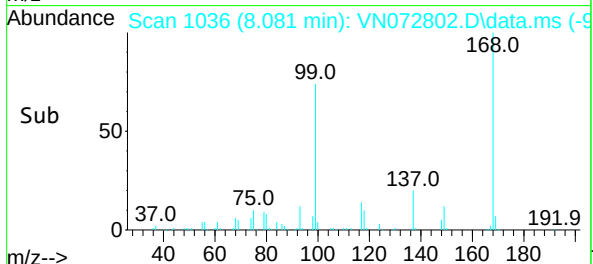
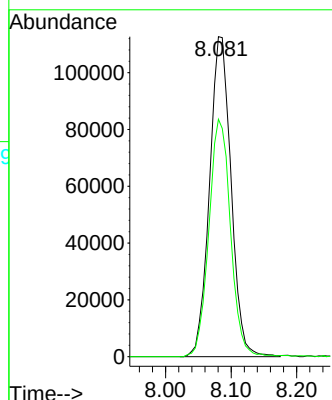
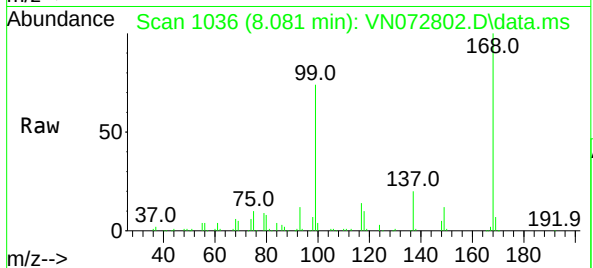




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

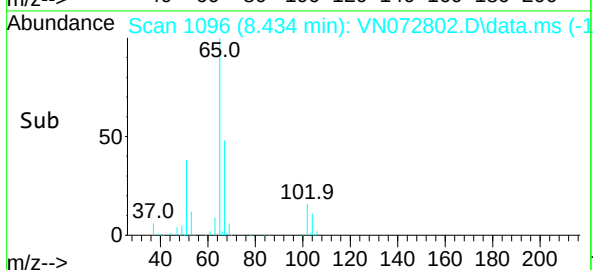
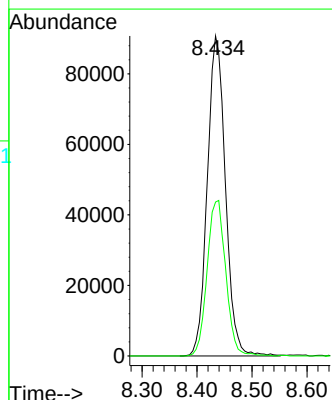
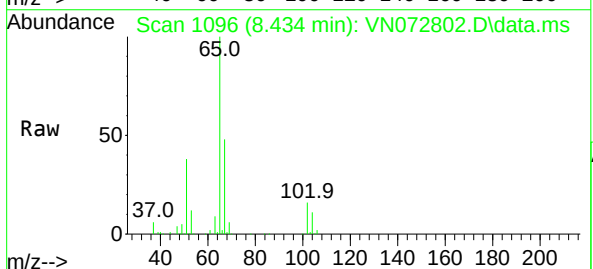
Instrument :
MSVOA_N
ClientSampleId :
IBLK

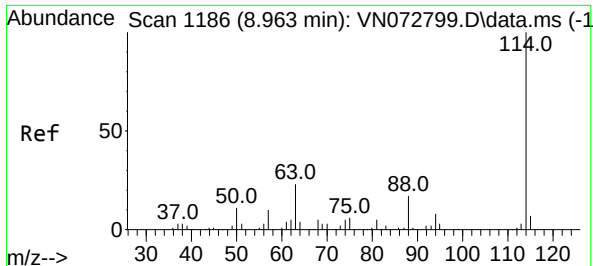
Tgt Ion:168 Resp: 256728
Ion Ratio Lower Upper
168 100
99 74.2 42.3 63.5#



#33
1,2-Dichloroethane-d4
Concen: 28.917 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.001 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 65 Resp: 207859
Ion Ratio Lower Upper
65 100
67 50.1 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: VN072802.D

Acq: 13 Jun 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

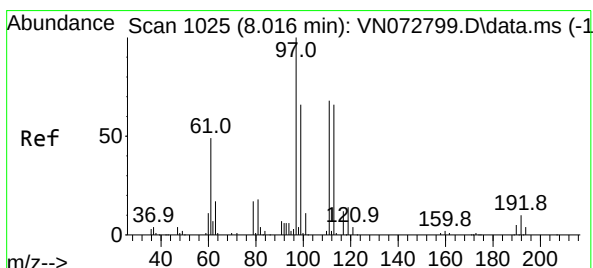
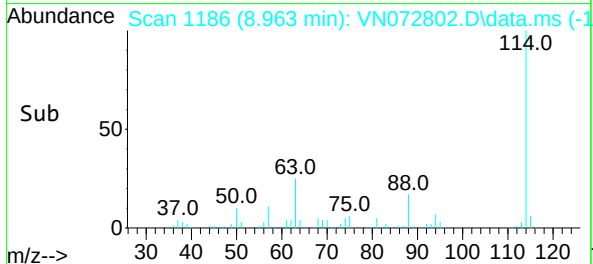
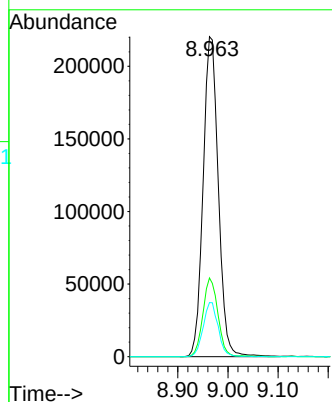
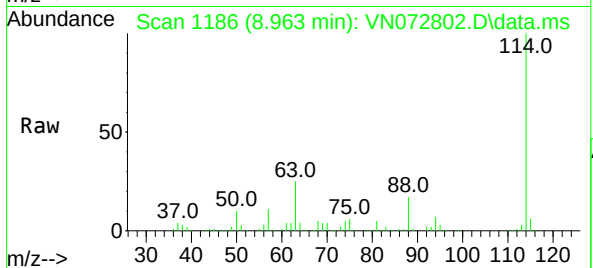
Tgt Ion:114 Resp: 465149

Ion Ratio Lower Upper

114 100

63 24.6 0.0 40.0

88 16.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 33.215 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072802.D

Acq: 13 Jun 2022 13:04

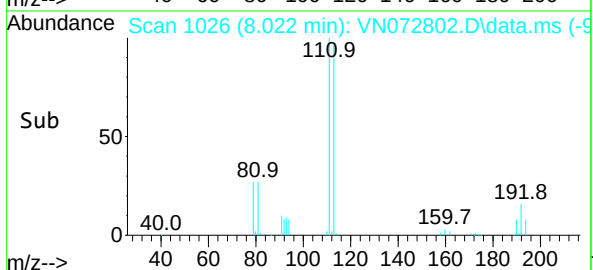
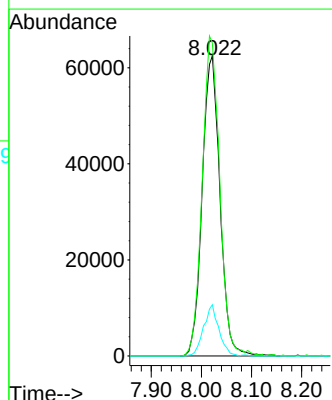
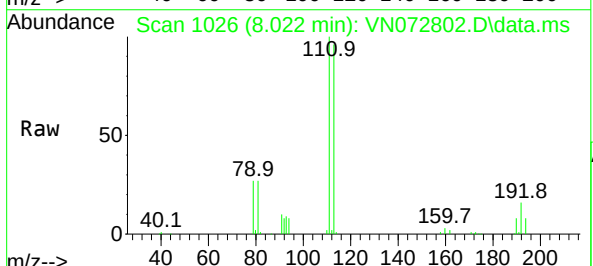
Tgt Ion:113 Resp: 153870

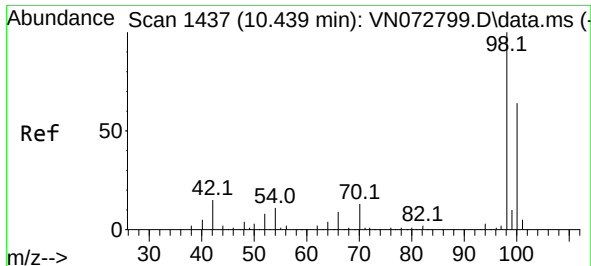
Ion Ratio Lower Upper

113 100

111 105.2 81.4 122.0

192 14.7 17.0 25.6#

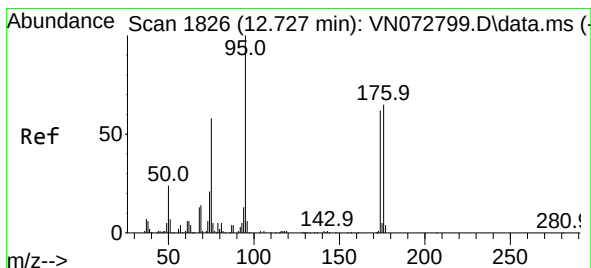
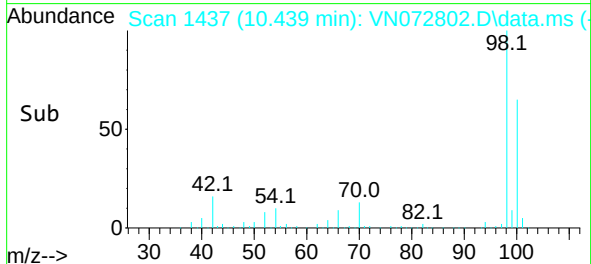
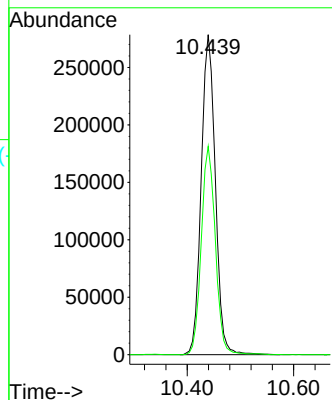
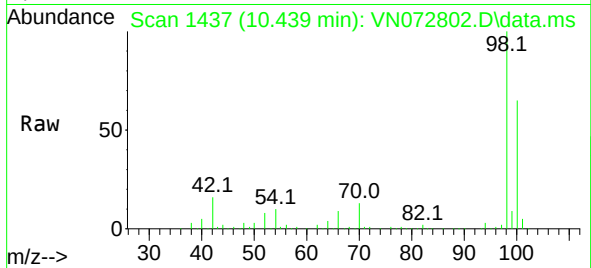




#50
Toluene-d8
Concen: 27.522 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

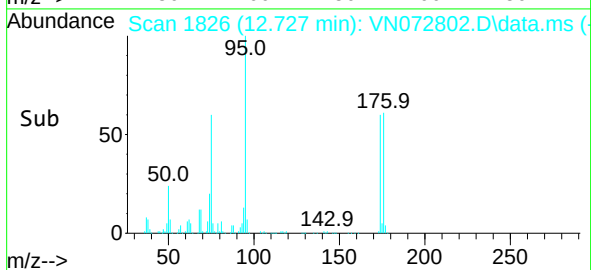
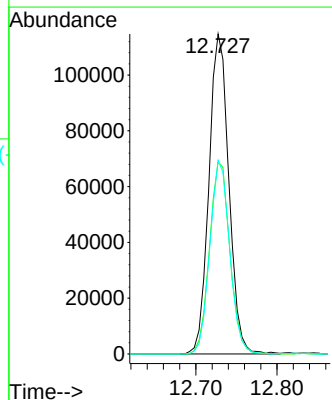
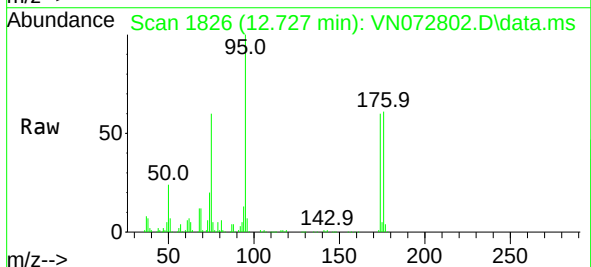
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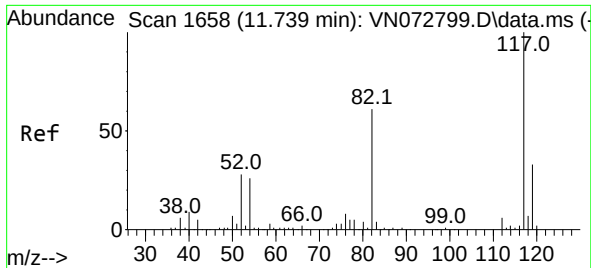
Tgt Ion: 98 Resp: 512038
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 29.693 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 95 Resp: 195221
Ion Ratio Lower Upper
95 100
174 61.5 0.0 167.6
176 60.2 0.0 163.4

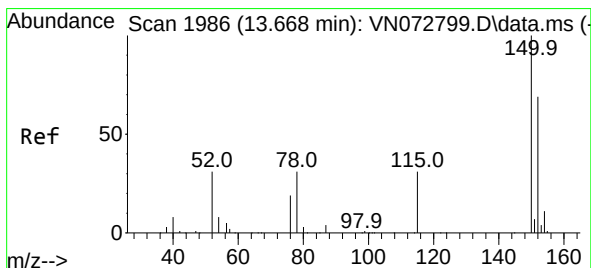
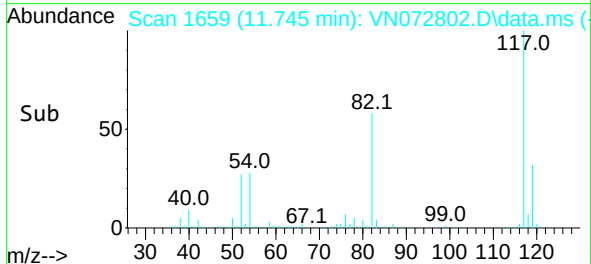
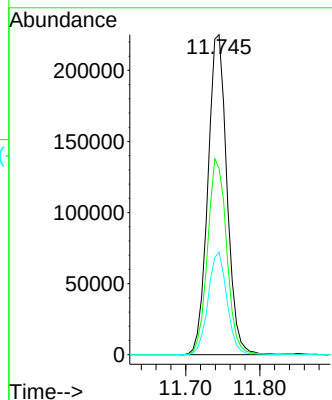
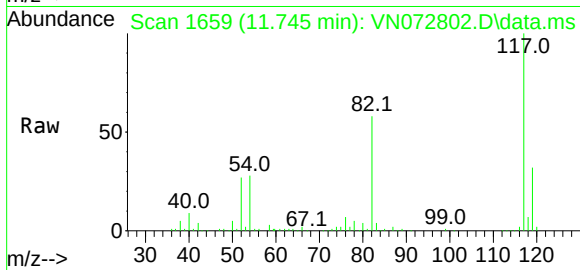




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 402409
Ion Ratio Lower Upper
117 100
82 58.2 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion:152 Resp: 143594
Ion Ratio Lower Upper
152 100
115 68.5 28.9 86.7
150 161.9 0.0 356.2

