

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075761.D
 Acq On : 14 Dec 2022 09:45
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 15 00:24:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

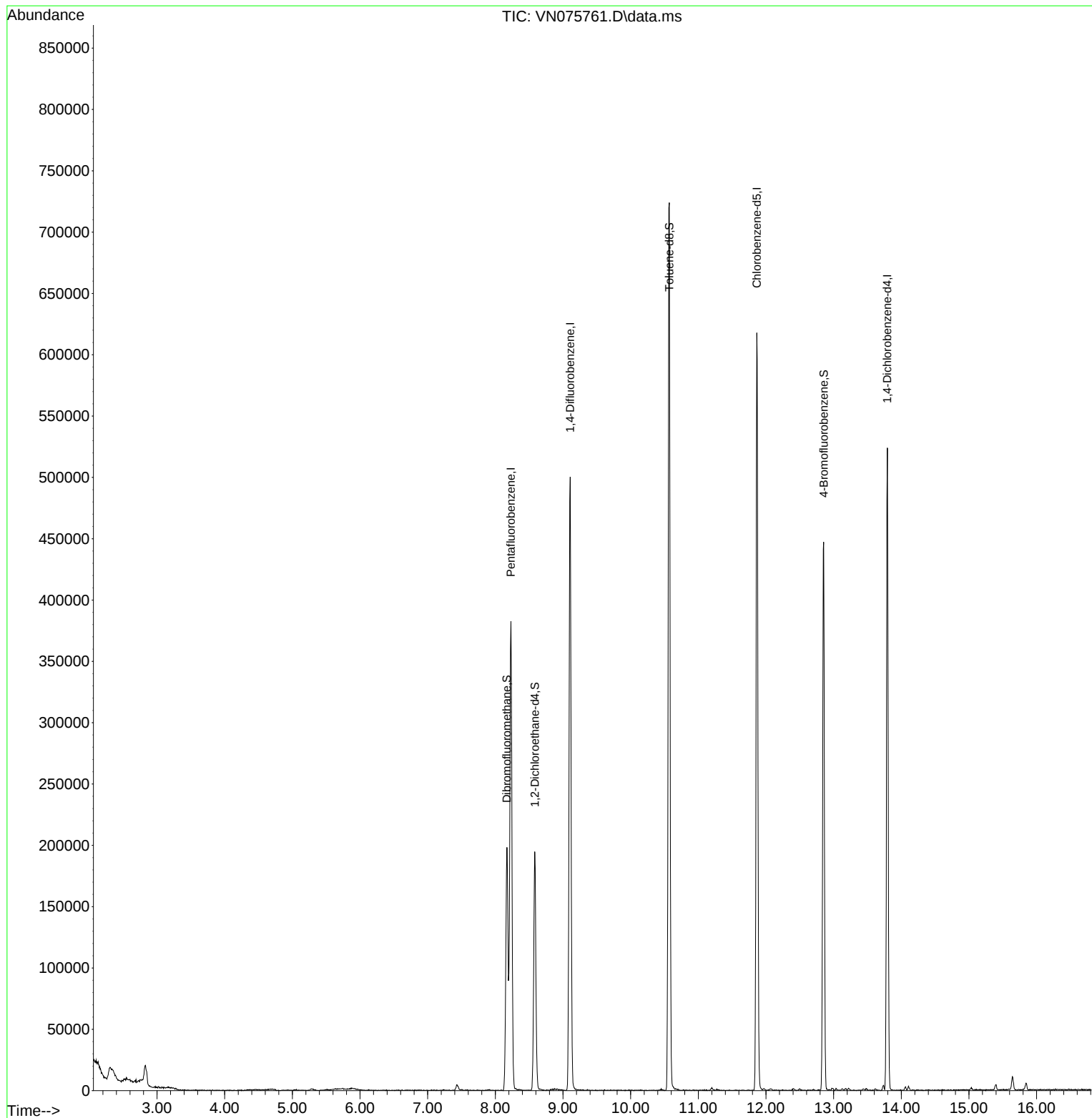
Internal Standards						
1) Pentafluorobenzene	8.230	168	295335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	464371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	388812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	154929	48.220	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.440%
35) Dibromofluoromethane	8.171	113	141004	49.032	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.060%
50) Toluene-d8	10.571	98	530745	49.361	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.853	95	151747	42.611	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.220%
Target Compounds						
20) Methylene Chloride	5.283	84	1161	Below Cal	Qvalue #	77

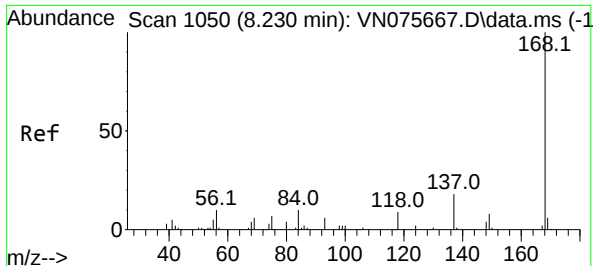
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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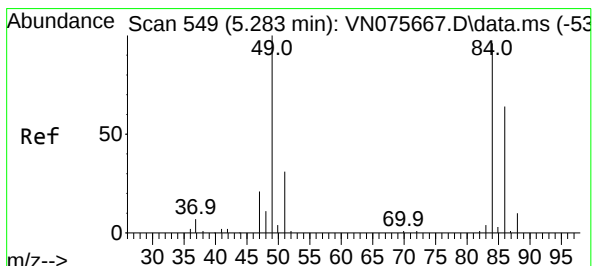
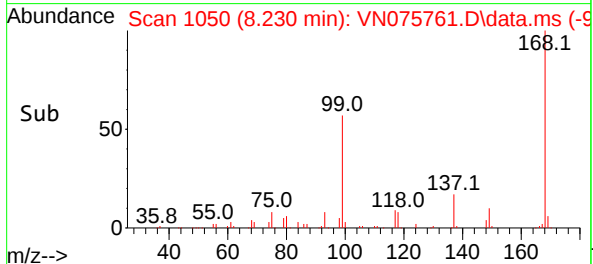
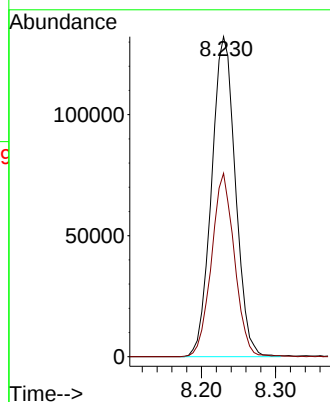
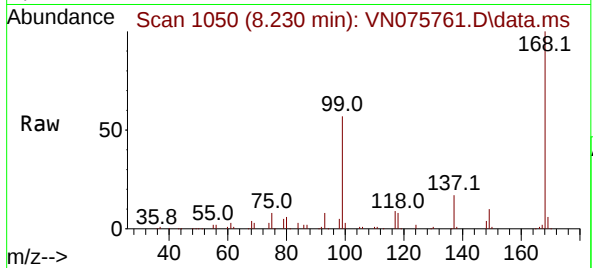




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075761.D
Acq: 14 Dec 2022 09:45

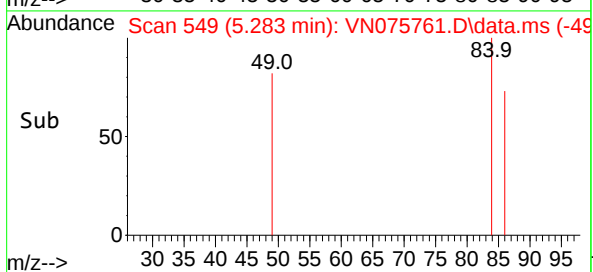
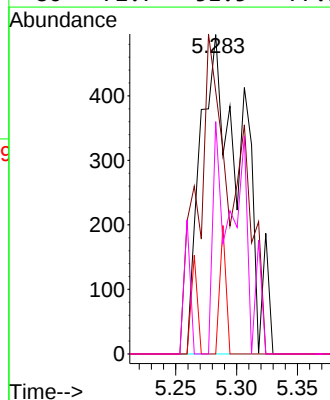
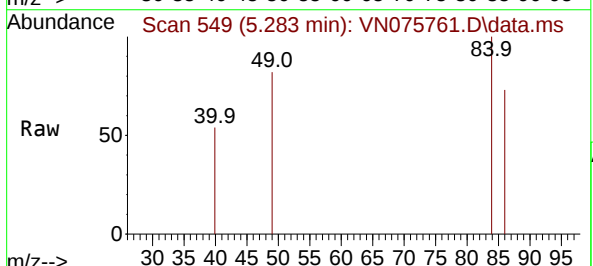
Instrument :
MSVOA_N
ClientSampleId :
IBLK

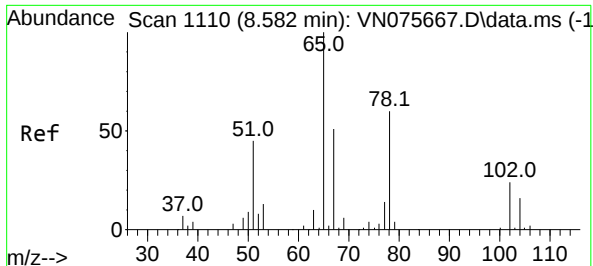
Tgt Ion:168 Resp: 295335
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075761.D
Acq: 14 Dec 2022 09:45

Tgt Ion: 84 Resp: 1161
Ion Ratio Lower Upper
84 100
49 82.2 81.8 122.6
51 0.0 26.7 40.1#
86 72.7 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 48.220 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075761.D

Acq: 14 Dec 2022 09:45

Instrument :

MSVOA_N

ClientSampleId :

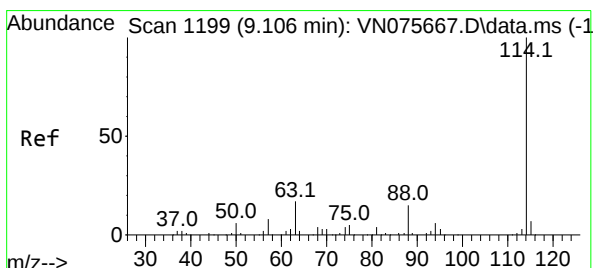
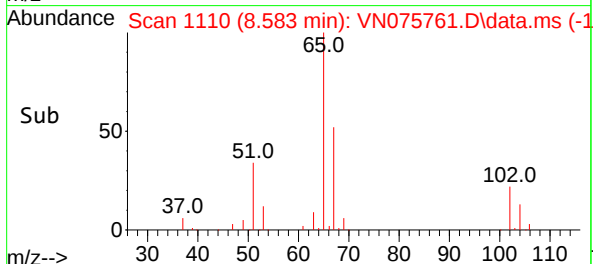
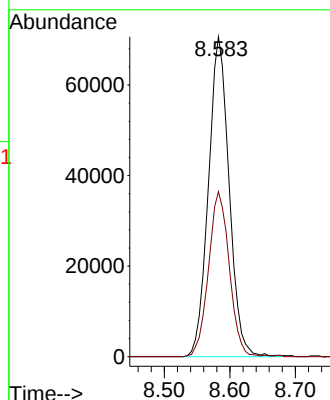
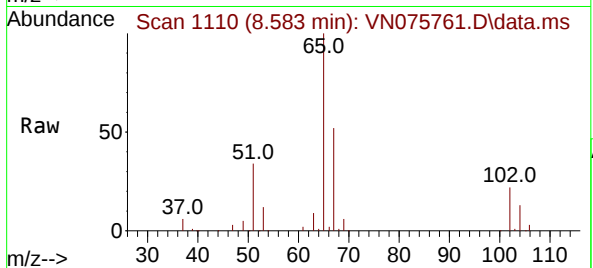
IBLK

Tgt Ion: 65 Resp: 154929

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075761.D

Acq: 14 Dec 2022 09:45

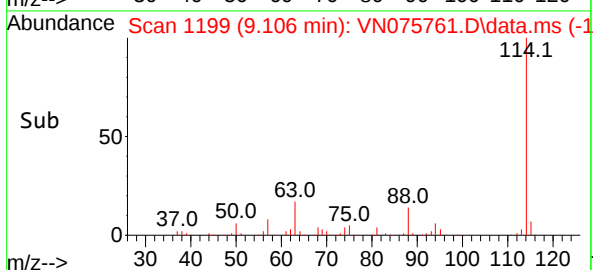
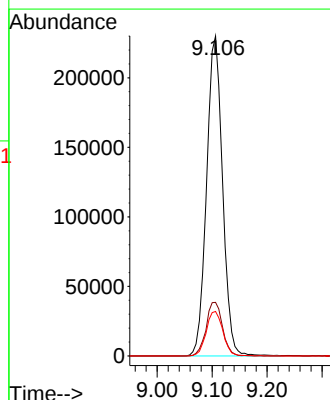
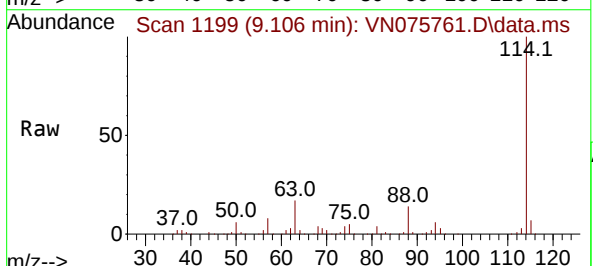
Tgt Ion: 114 Resp: 464371

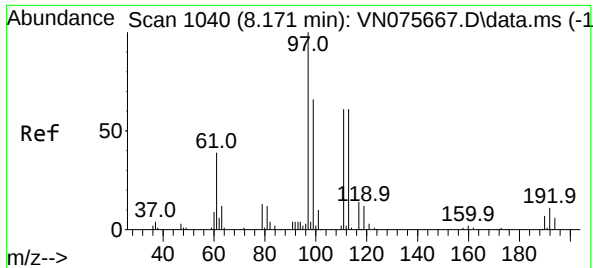
Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.4

88 13.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.032 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075761.D

Acq: 14 Dec 2022 09:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK

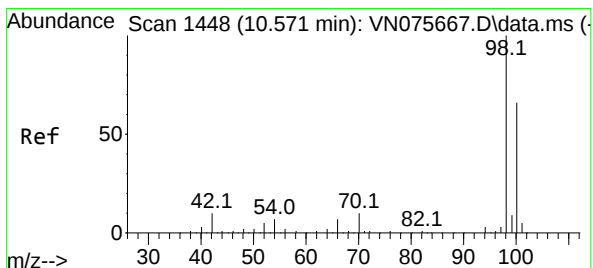
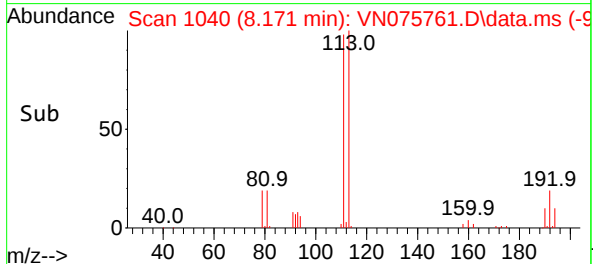
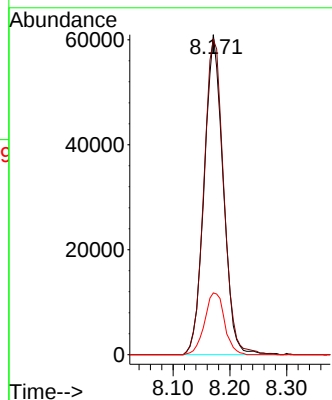
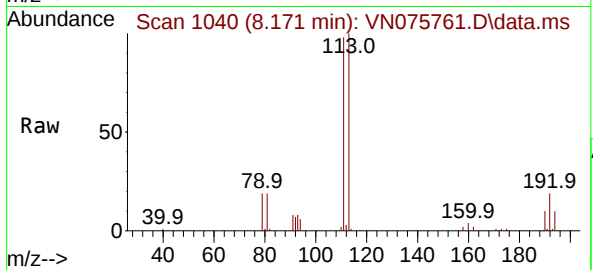
Tgt Ion:113 Resp: 141004

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

192 20.3 16.1 24.1



#50

Toluene-d8

Concen: 49.361 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075761.D

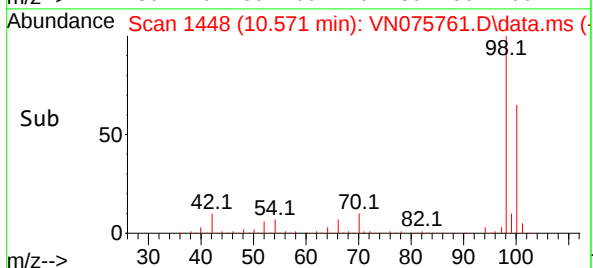
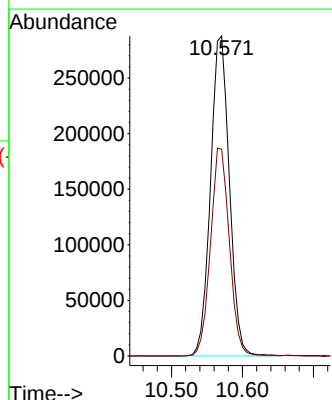
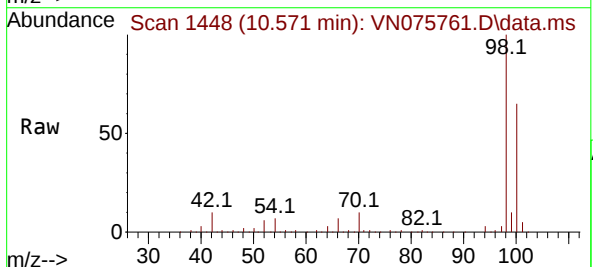
Acq: 14 Dec 2022 09:45

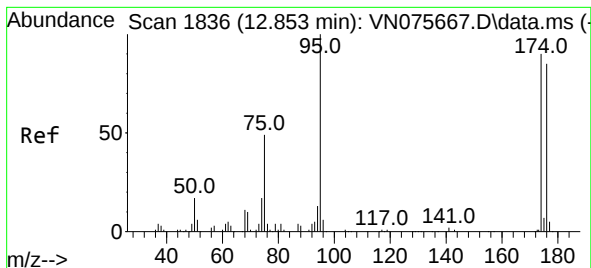
Tgt Ion: 98 Resp: 530745

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

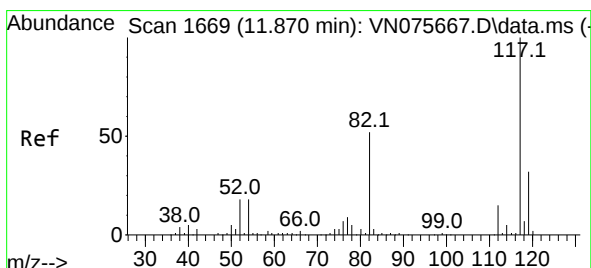
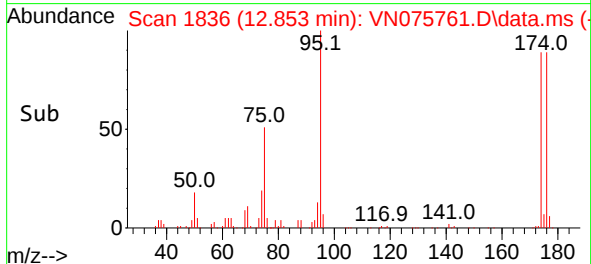
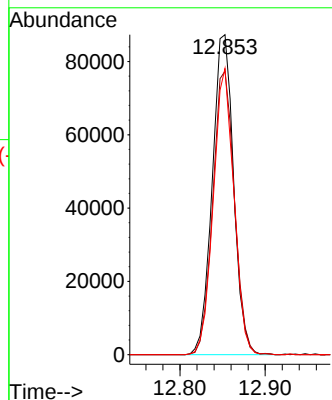
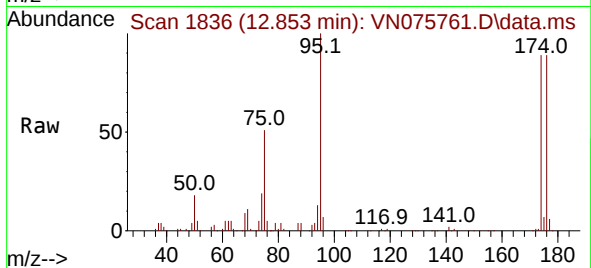




#62
4-Bromofluorobenzene
Concen: 42.611 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075761.D
Acq: 14 Dec 2022 09:45

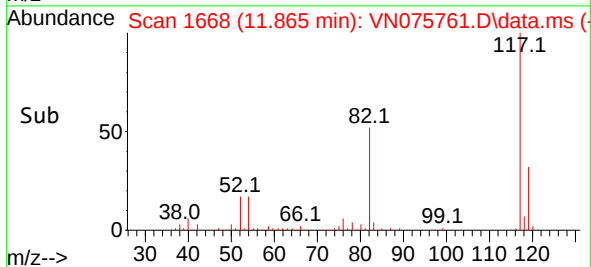
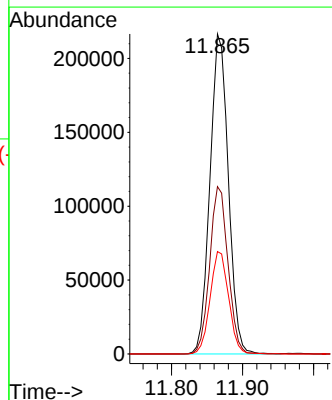
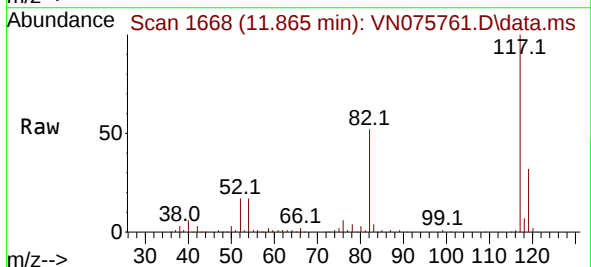
Instrument :
MSVOA_N
ClientSampleId :
IBLK

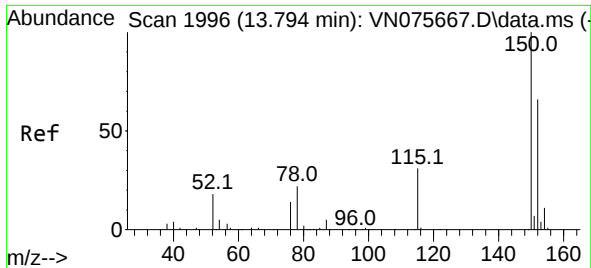
Tgt Ion: 95 Resp: 151747
Ion Ratio Lower Upper
95 100
174 89.6 0.0 171.6
176 86.4 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN075761.D
Acq: 14 Dec 2022 09:45

Tgt Ion: 117 Resp: 388812
Ion Ratio Lower Upper
117 100
82 52.3 41.3 61.9
119 32.0 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075761.D

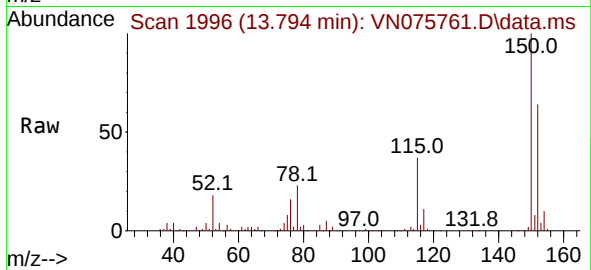
Acq: 14 Dec 2022 09:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion:152 Resp: 149973

Ion Ratio Lower Upper

152 100

115 56.7 29.1 87.4

150 157.3 0.0 347.0

