

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081762.D
 Acq On : 16 Apr 2024 16:27
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 17 03:27:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

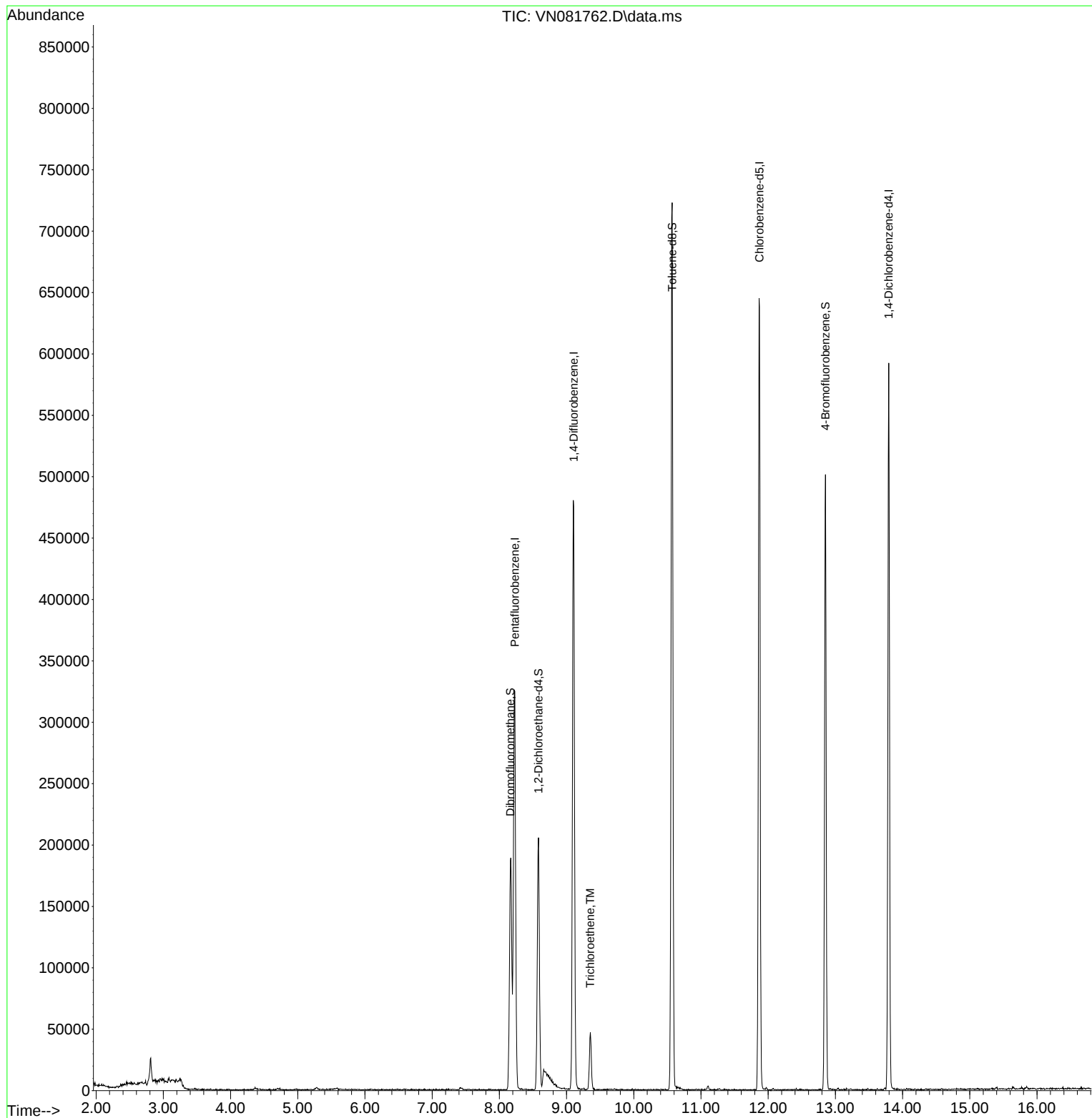
Internal Standards						
1) Pentafluorobenzene	8.230	168	234608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	423650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	369525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	165723	50.199	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.400%
35) Dibromofluoromethane	8.165	113	133438	47.698	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.400%
50) Toluene-d8	10.571	98	503844	48.888	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.780%
62) 4-Bromofluorobenzene	12.853	95	168112	47.734	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.460%
Target Compounds						
						Qvalue
44) Trichloroethene	9.353	130	15753	4.989	ug/l	77

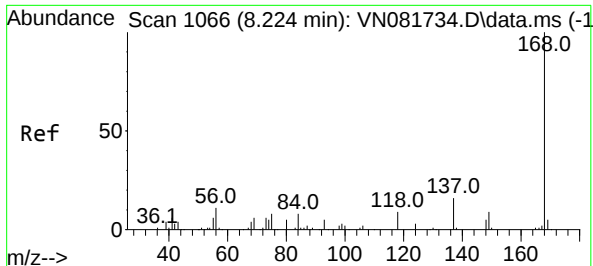
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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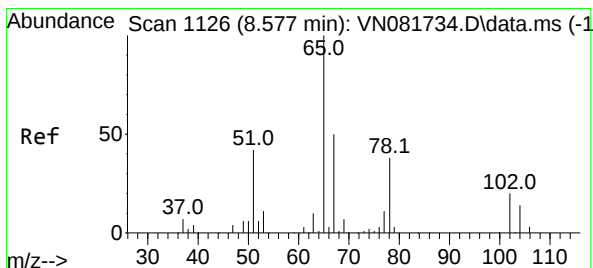
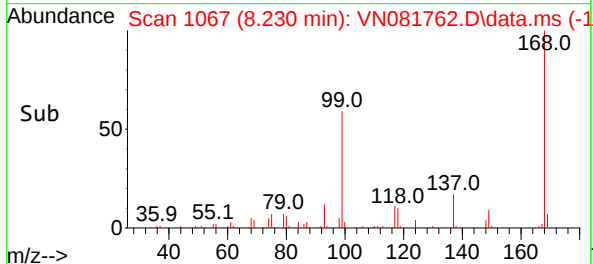
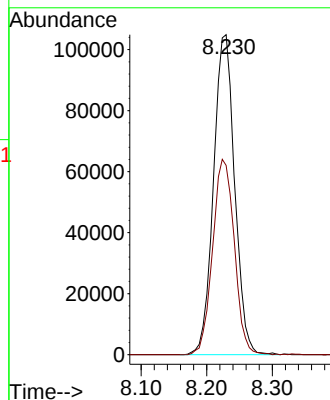
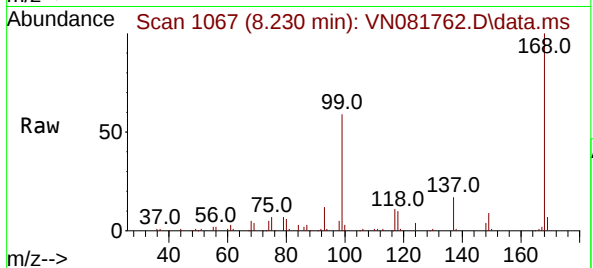




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081762.D
Acq: 16 Apr 2024 16:27

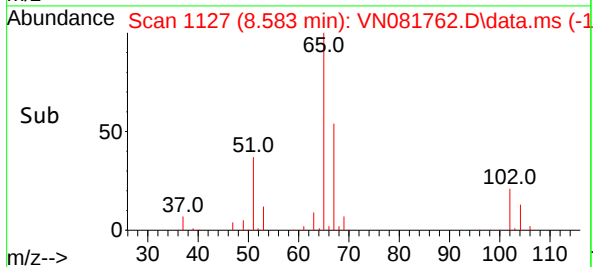
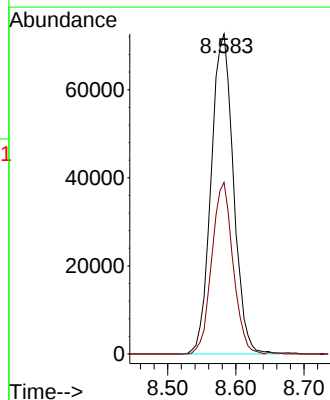
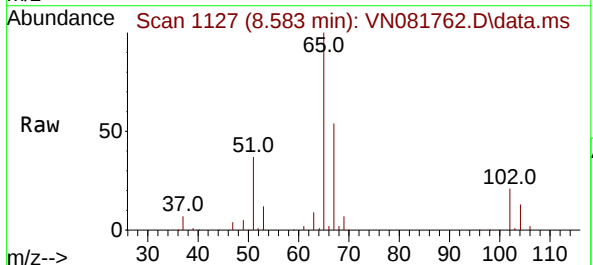
Instrument :
MSVOA_N
ClientSampleId :
IBLK

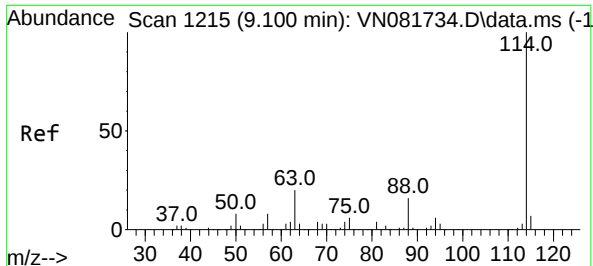
Tgt Ion:168 Resp: 234608
Ion Ratio Lower Upper
168 100
99 59.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.199 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081762.D
Acq: 16 Apr 2024 16:27

Tgt Ion: 65 Resp: 165723
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081762.D

Acq: 16 Apr 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

IBLK

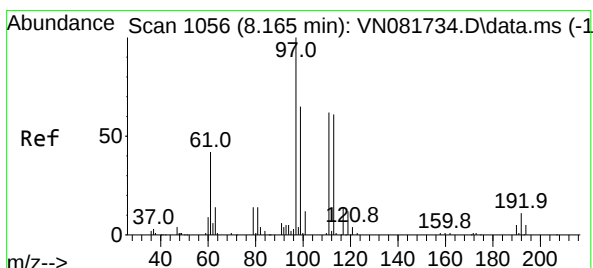
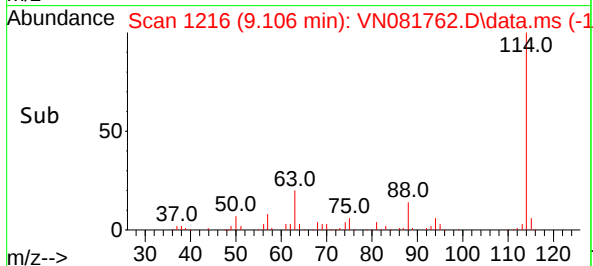
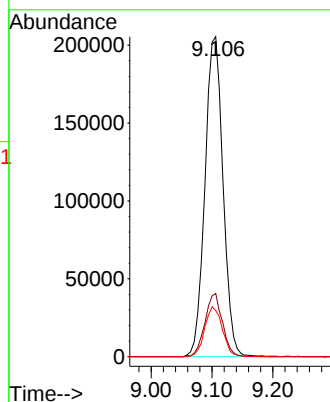
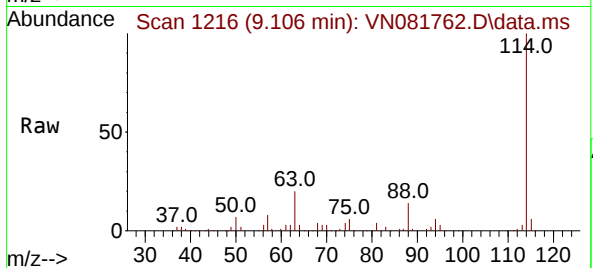
Tgt Ion:114 Resp: 423650

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.0

88 14.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 47.698 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081762.D

Acq: 16 Apr 2024 16:27

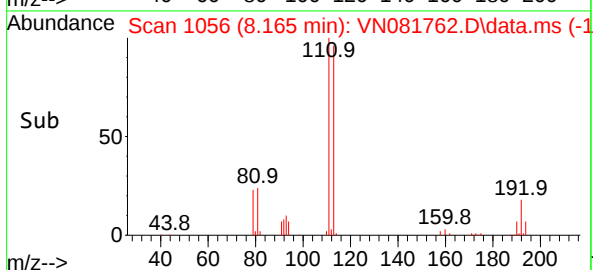
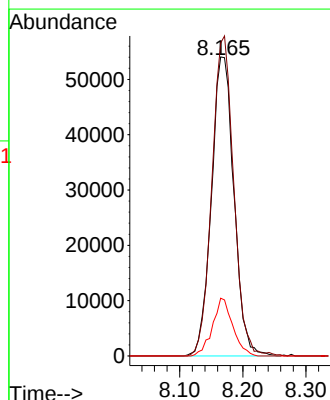
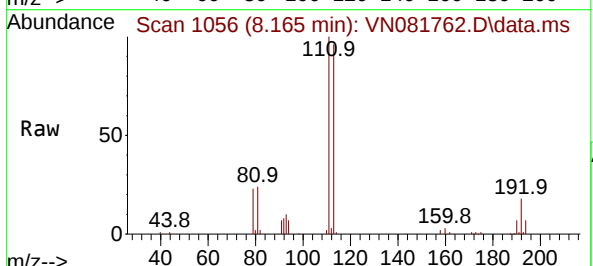
Tgt Ion:113 Resp: 133438

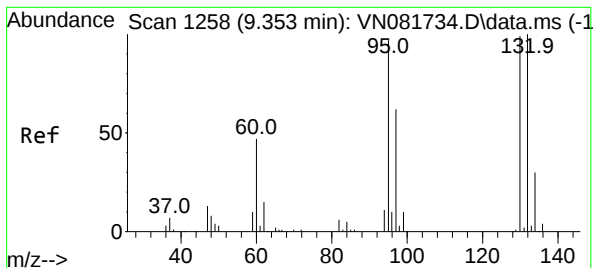
Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

192 17.4 14.0 21.0





#44

Trichloroethene

Concen: 4.989 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081762.D

Acq: 16 Apr 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

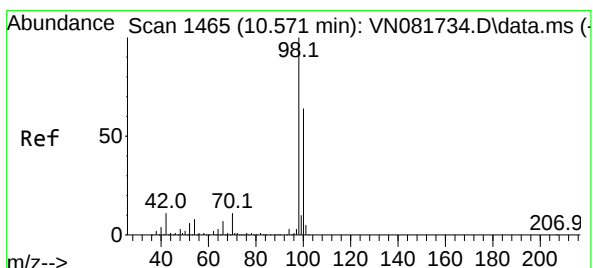
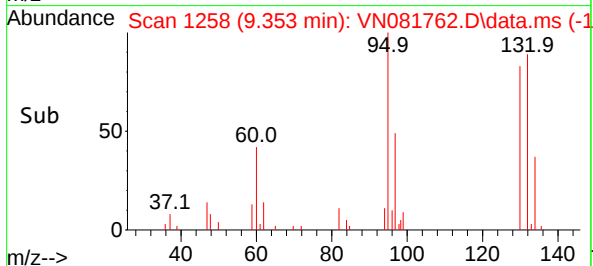
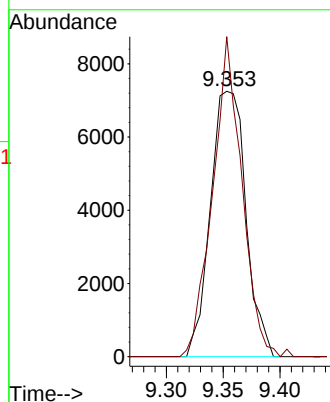
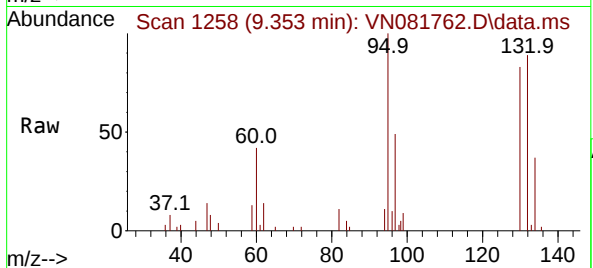
IBLK

Tgt Ion:130 Resp: 15753

Ion Ratio Lower Upper

130 100

95 120.6 0.0 195.4



#50

Toluene-d8

Concen: 48.888 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081762.D

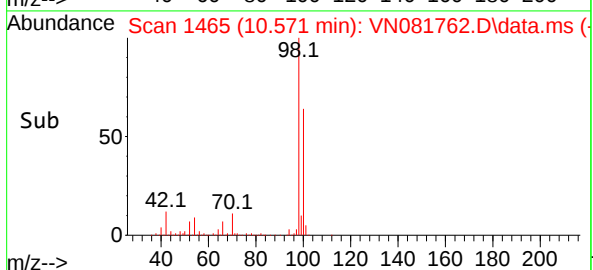
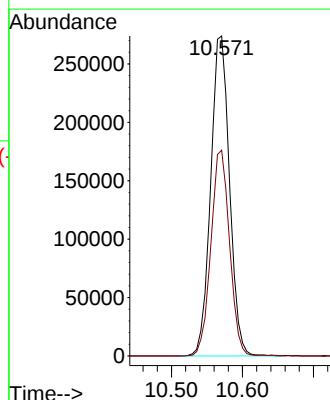
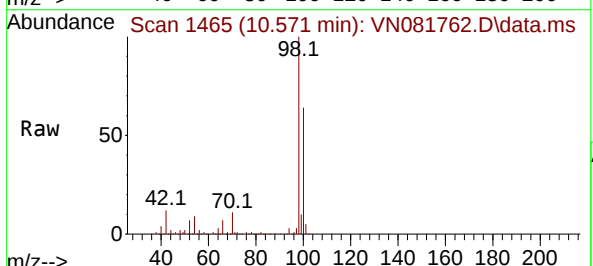
Acq: 16 Apr 2024 16:27

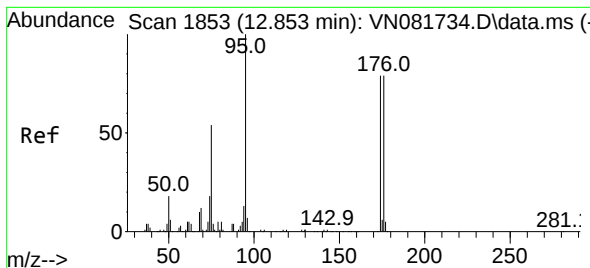
Tgt Ion: 98 Resp: 503844

Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.6

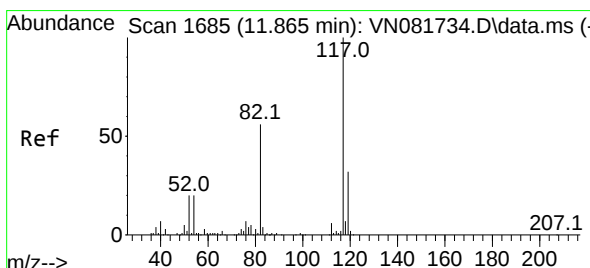
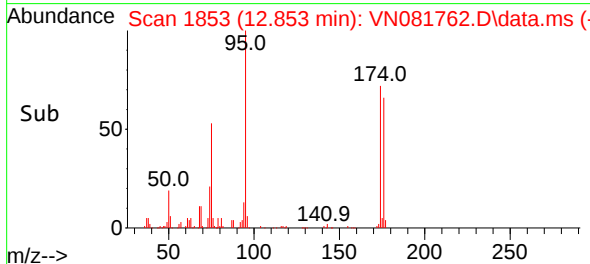
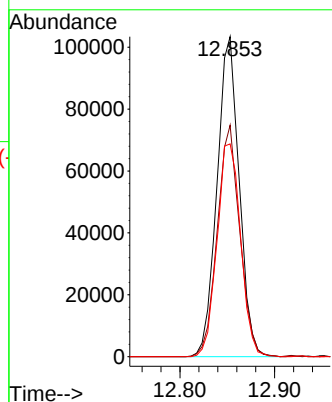
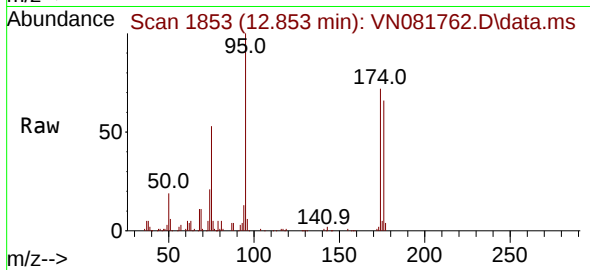




#62
4-Bromofluorobenzene
Concen: 47.734 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081762.D
Acq: 16 Apr 2024 16:27

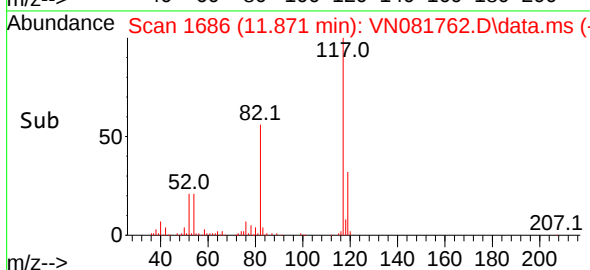
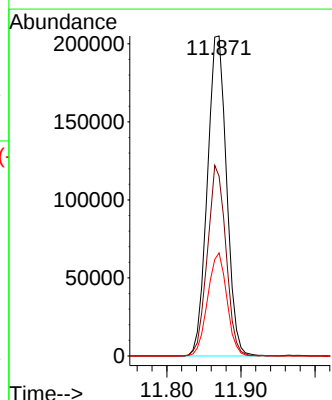
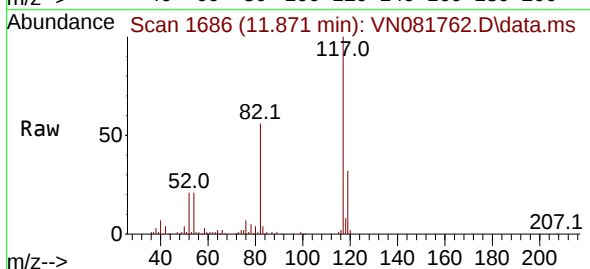
Instrument :
MSVOA_N
ClientSampleId :
IBLK

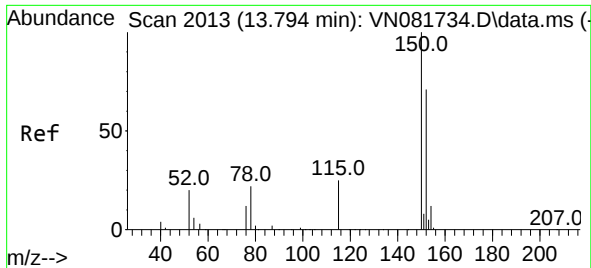
Tgt Ion: 95 Resp: 168112
Ion Ratio Lower Upper
95 100
174 73.6 0.0 160.6
176 70.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081762.D
Acq: 16 Apr 2024 16:27

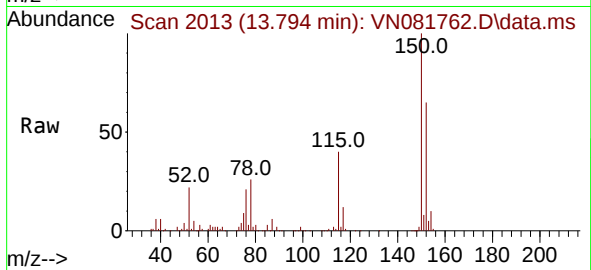
Tgt Ion: 117 Resp: 369525
Ion Ratio Lower Upper
117 100
82 56.1 44.6 66.8
119 32.2 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081762.D
 Acq: 16 Apr 2024 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:152 Resp: 154204
 Ion Ratio Lower Upper
 152 100
 115 61.5 30.4 91.3
 150 156.4 0.0 353.2

