

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
 Data File : VN081674.D
 Acq On : 08 Apr 2024 15:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 09 01:56:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

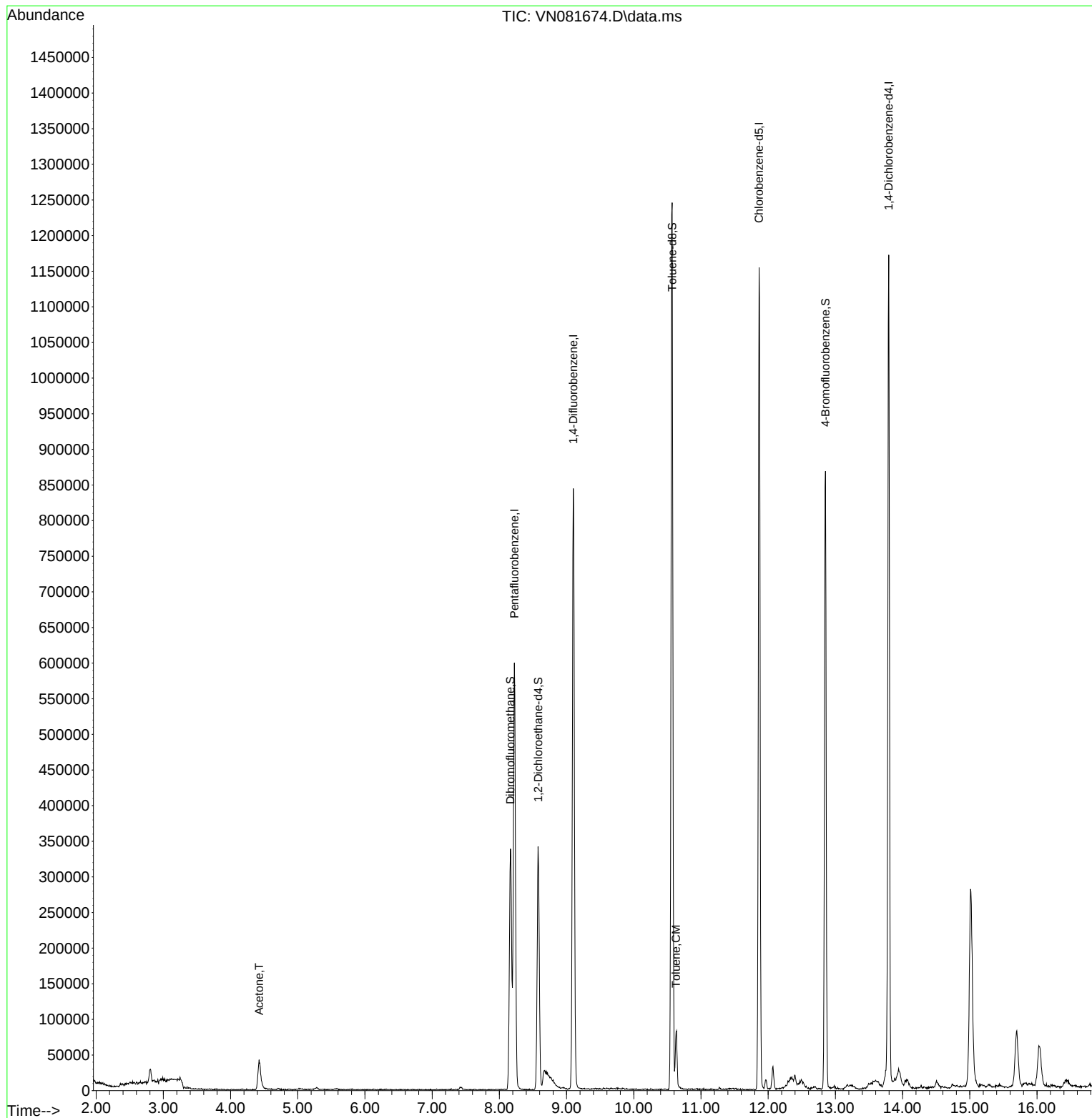
Internal Standards							
1) Pentafluorobenzene		8.224	168	430695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		9.100	114	780801	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.865	117	705757	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4		13.794	152	310137	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.577	65	275432	50.147	ug/l	0.00
Spiked Amount 50.000		Range	74 - 125	Recovery	=	100.300%	
35) Dibromofluoromethane		8.165	113	243844	49.485	ug/l	0.00
Spiked Amount 50.000		Range	75 - 124	Recovery	=	98.960%	
50) Toluene-d8		10.571	98	902108	50.644	ug/l	0.00
Spiked Amount 50.000		Range	86 - 113	Recovery	=	101.280%	
62) 4-Bromofluorobenzene		12.853	95	311167	49.576	ug/l	0.00
Spiked Amount 50.000		Range	64 - 133	Recovery	=	99.160%	
Target Compounds							
							Qvalue
16) Acetone		4.424	43	77113	43.443	ug/l	# 85
52) Toluene		10.629	92	34245	2.222	ug/l	95

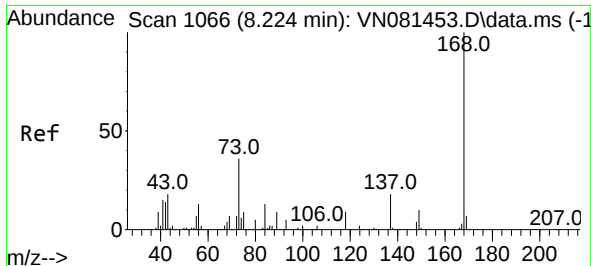
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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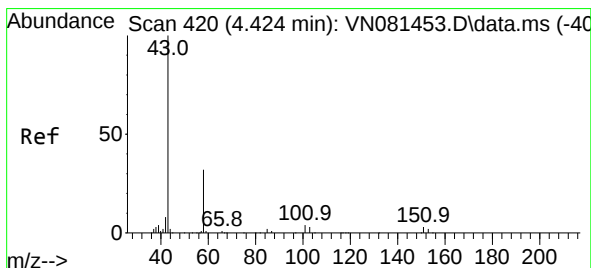
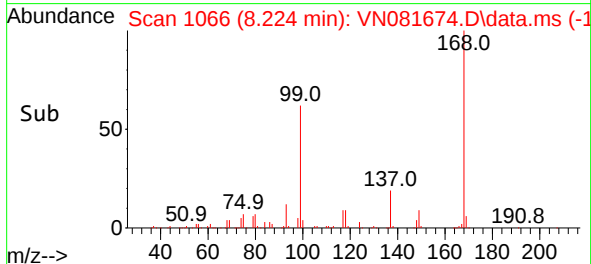
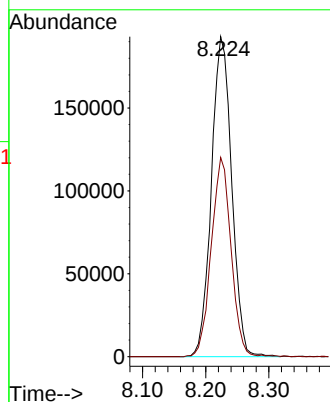
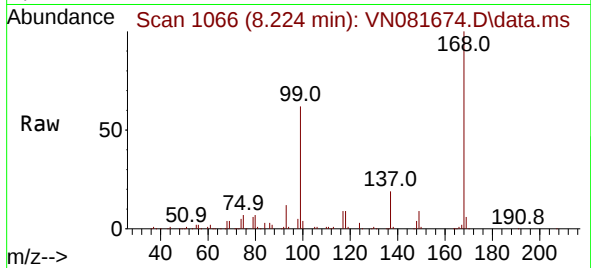




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081674.D
Acq: 08 Apr 2024 15:12

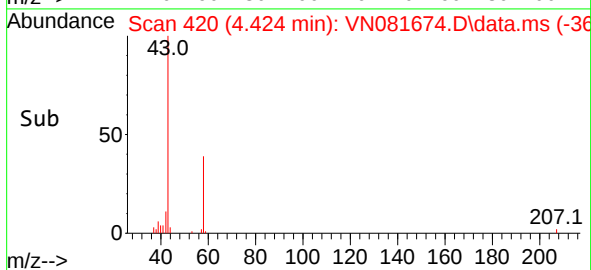
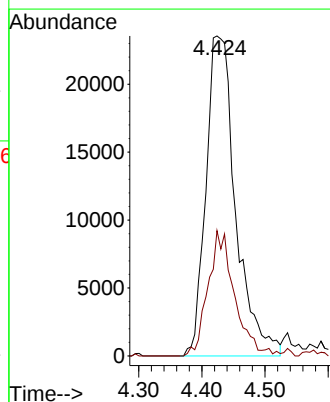
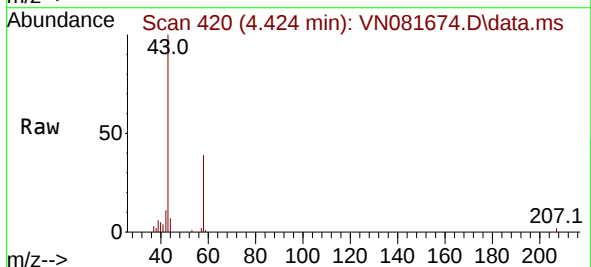
Instrument :
MSVOA_N
ClientSampleId :
IBLK

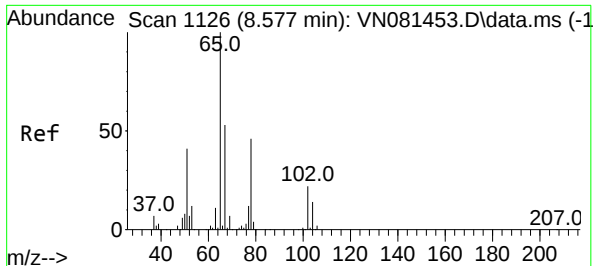
Tgt Ion:168 Resp: 430695
Ion Ratio Lower Upper
168 100
99 62.3 59.9 89.9



#16
Acetone
Concen: 43.443 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081674.D
Acq: 08 Apr 2024 15:12

Tgt Ion: 43 Resp: 77113
Ion Ratio Lower Upper
43 100
58 39.2 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 50.147 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081674.D

Acq: 08 Apr 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

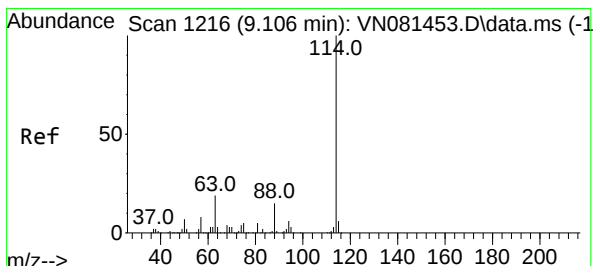
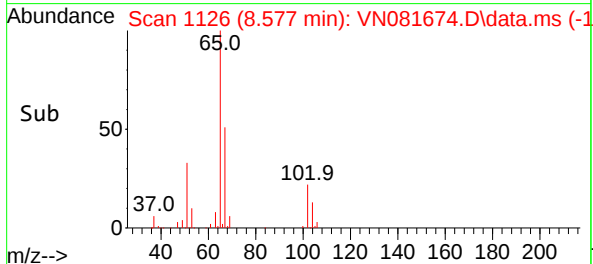
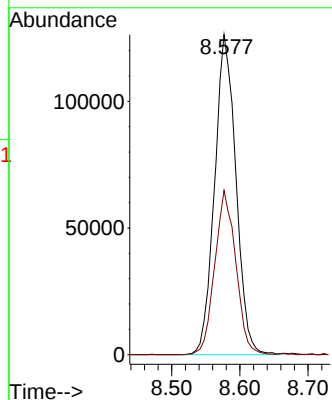
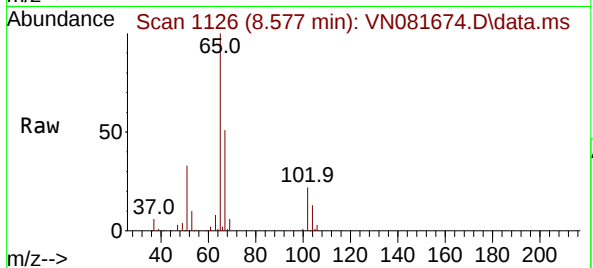
IBLK

Tgt Ion: 65 Resp: 275432

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081674.D

Acq: 08 Apr 2024 15:12

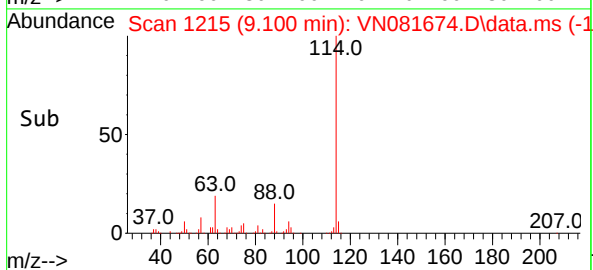
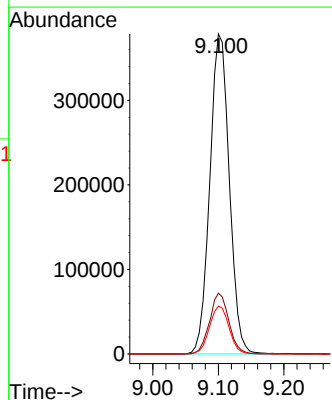
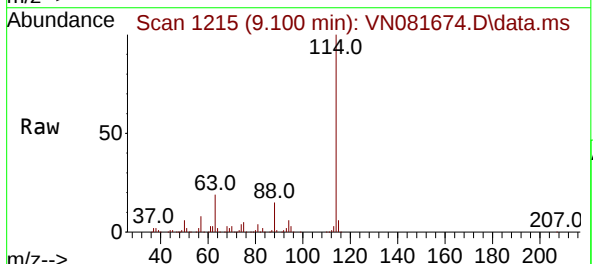
Tgt Ion: 114 Resp: 780801

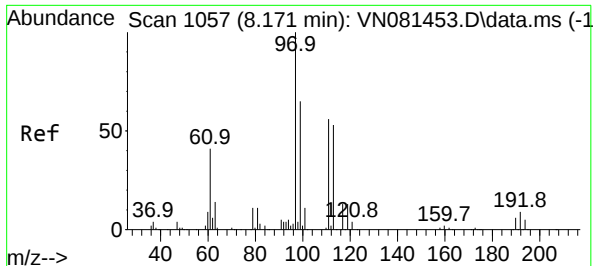
Ion Ratio Lower Upper

114 100

63 19.0 0.0 48.0

88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.485 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081674.D

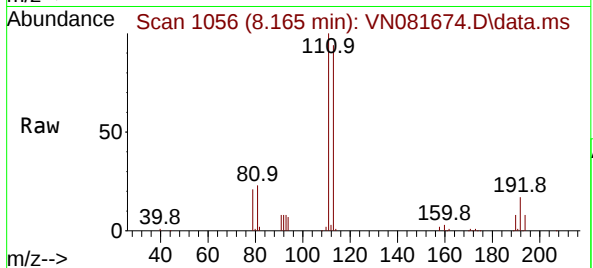
Acq: 08 Apr 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK



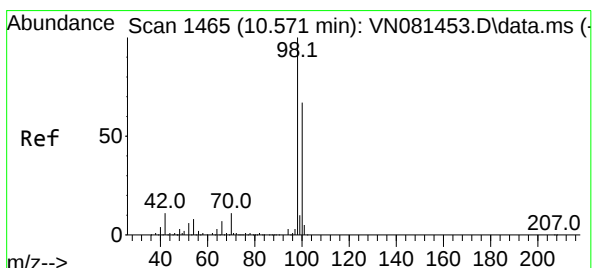
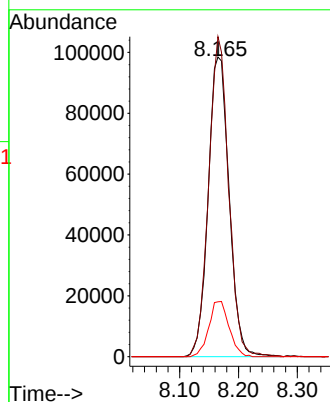
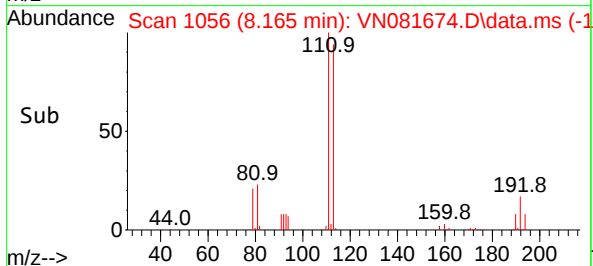
Tgt Ion:113 Resp: 243844

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 17.8 12.5 18.7



#50

Toluene-d8

Concen: 50.644 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081674.D

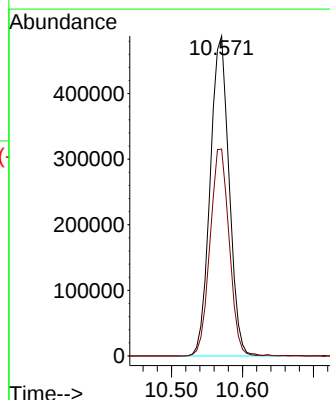
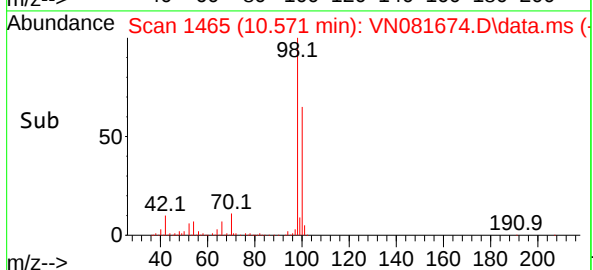
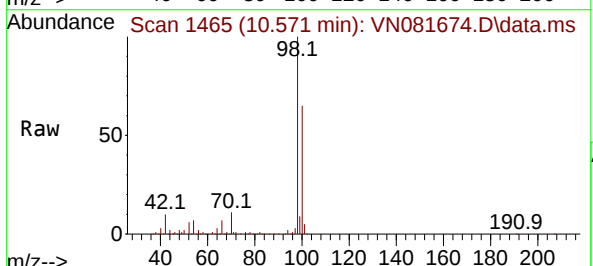
Acq: 08 Apr 2024 15:12

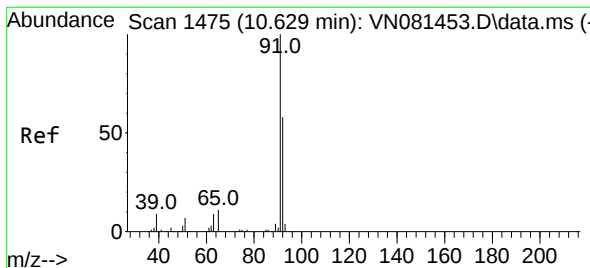
Tgt Ion: 98 Resp: 902108

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.0





#52

Toluene

Concen: 2.222 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081674.D

Acq: 08 Apr 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

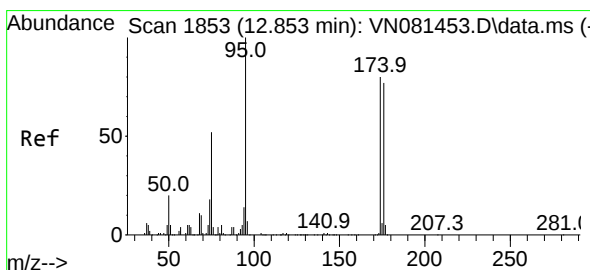
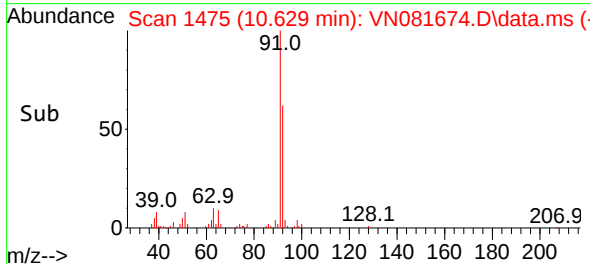
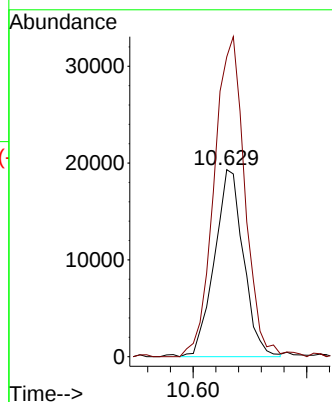
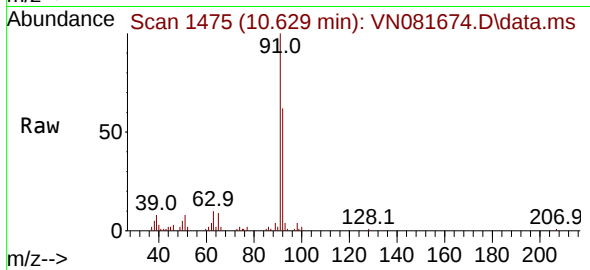
IBLK

Tgt Ion: 92 Resp: 34245

Ion Ratio Lower Upper

92 100

91 181.7 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 49.576 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081674.D

Acq: 08 Apr 2024 15:12

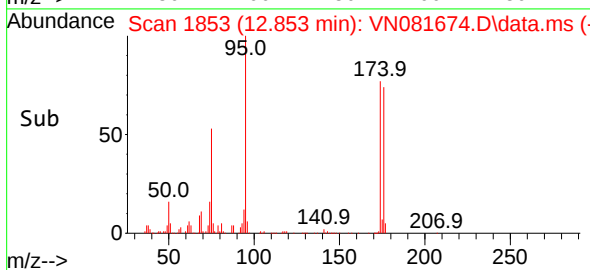
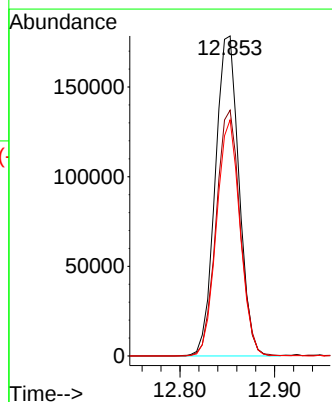
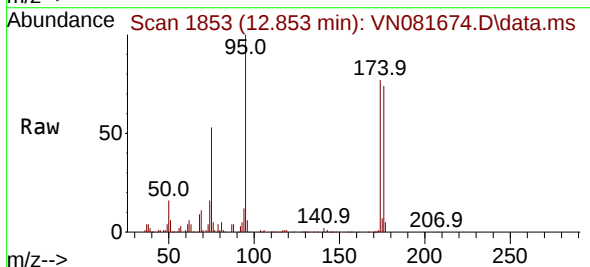
Tgt Ion: 95 Resp: 311167

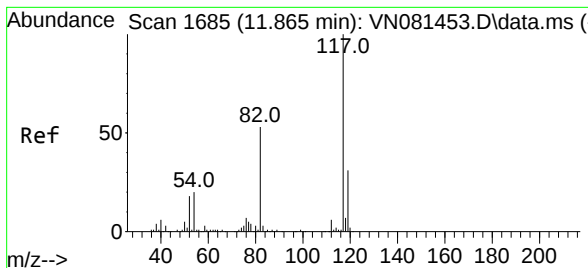
Ion Ratio Lower Upper

95 100

174 77.6 0.0 120.4

176 73.0 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081674.D

Acq: 08 Apr 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

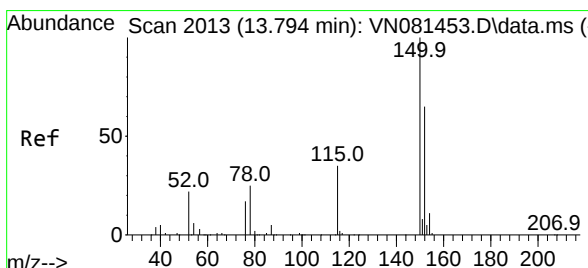
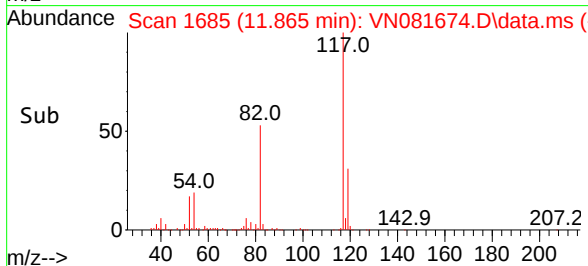
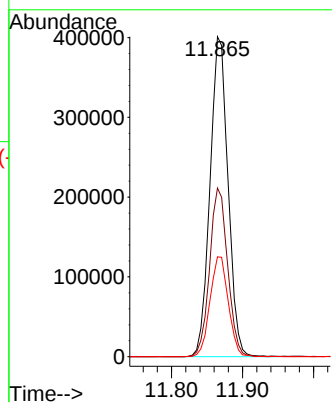
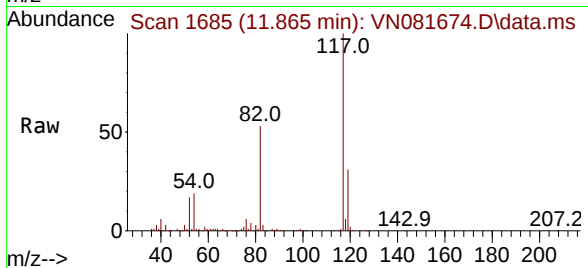
Tgt Ion:117 Resp: 705757

Ion Ratio Lower Upper

117 100

82 52.7 52.7 79.1#

119 31.2 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081674.D

Acq: 08 Apr 2024 15:12

Tgt Ion:152 Resp: 310137

Ion Ratio Lower Upper

152 100

115 61.3 32.3 96.8

150 157.9 0.0 339.8

