

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081789.D
 Acq On : 18 Apr 2024 15:54
 Operator : JC\MD
 Sample : P2121-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4826

Quant Time: Apr 19 01:25:15 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	8.224	168	242625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	433789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	405113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178281	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	176818	51.790	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.580%
35) Dibromofluoromethane	8.165	113	142523	49.755	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.500%
50) Toluene-d8	10.565	98	534142	50.616	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.240%
62) 4-Bromofluorobenzene	12.847	95	190179	52.738	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	105.480%

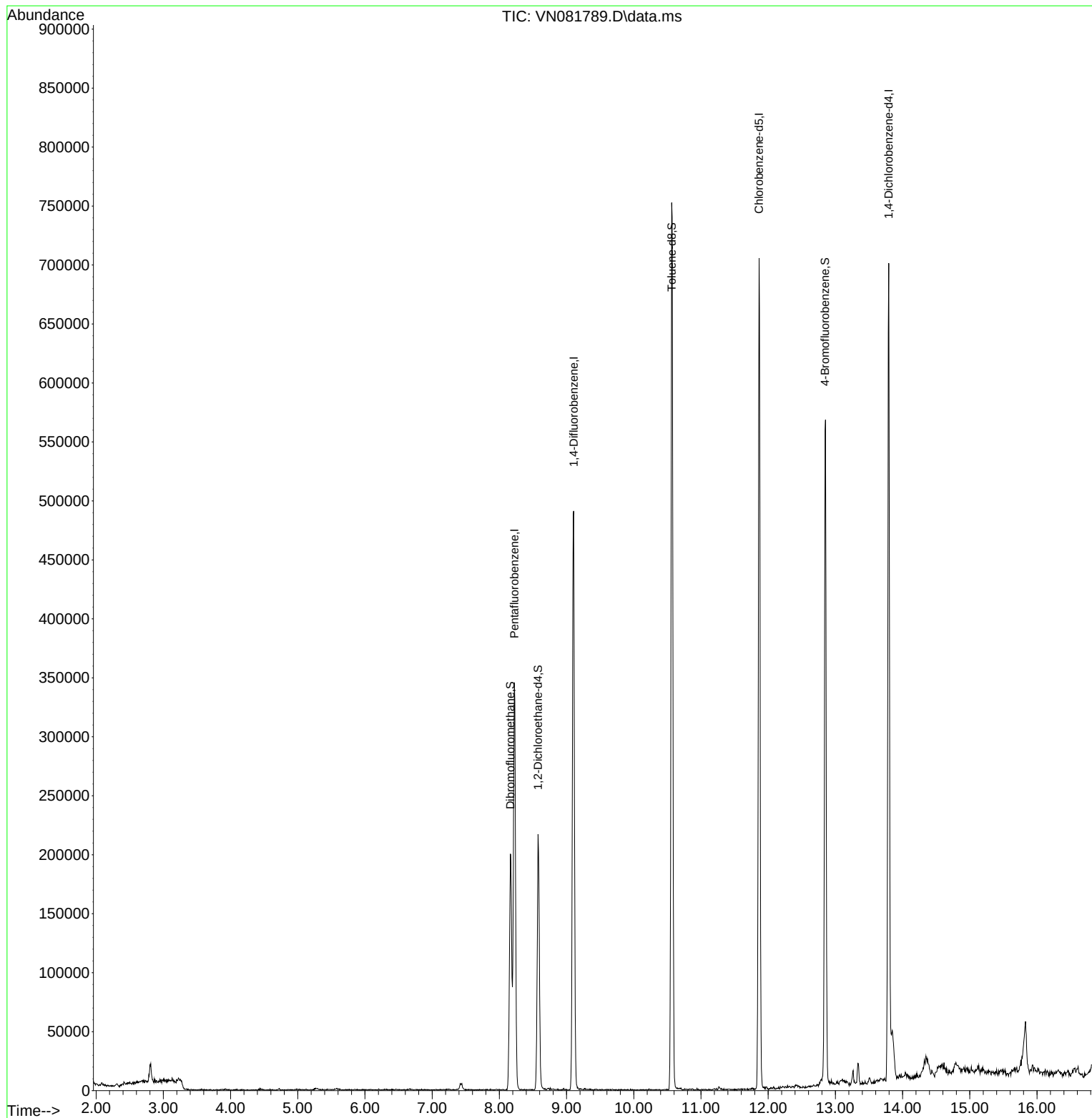
Target Compounds	Qvalue

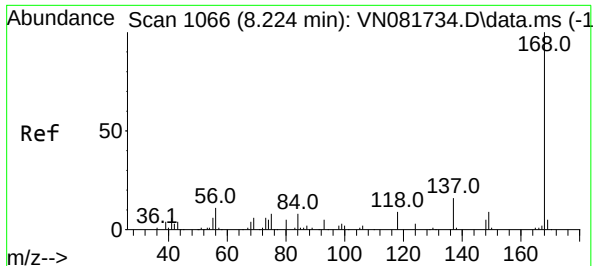
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
Data File : VN081789.D
Acq On : 18 Apr 2024 15:54
Operator : JC\MD
Sample : P2121-04 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
4826

Quant Time: Apr 19 01:25:15 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

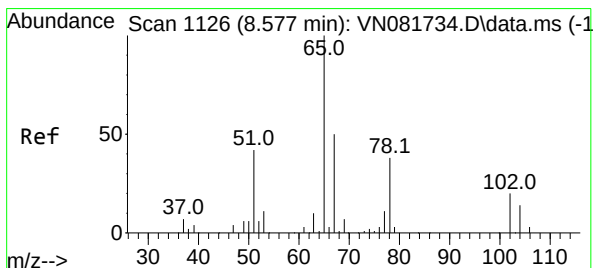
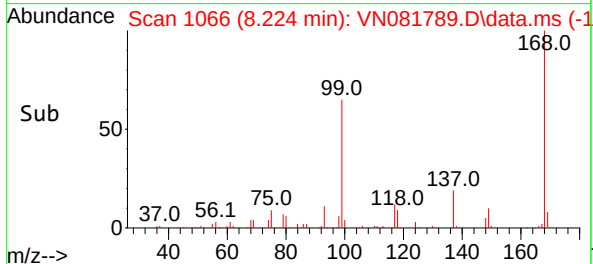
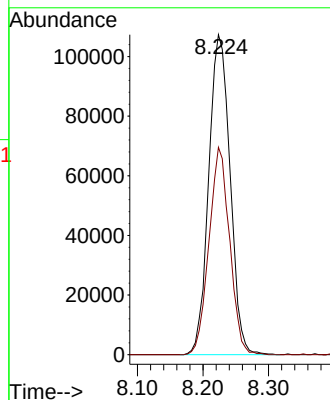
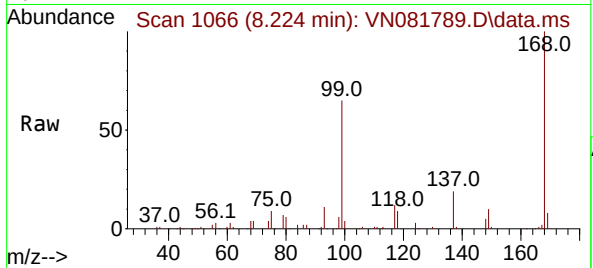




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

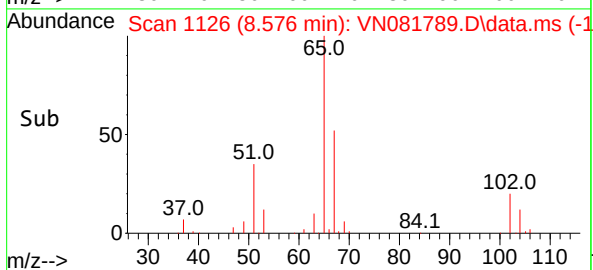
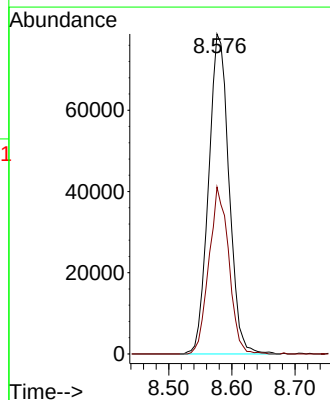
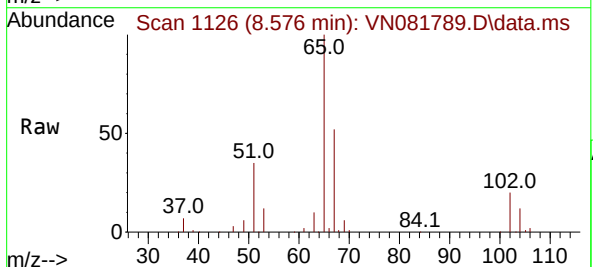
Instrument :
MSVOA_N
ClientSampleId :
4826

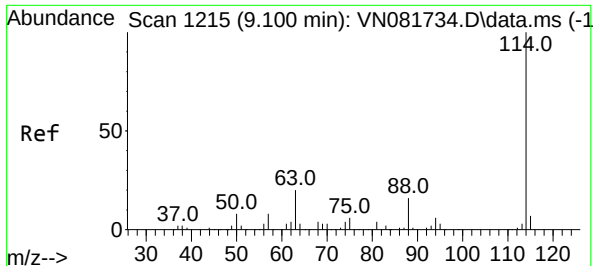
Tgt Ion:168 Resp: 242625
Ion Ratio Lower Upper
168 100
99 64.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 51.790 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

Tgt Ion: 65 Resp: 176818
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN081789.D

Acq: 18 Apr 2024 15:54

Instrument :

MSVOA_N

ClientSampleId :

4826

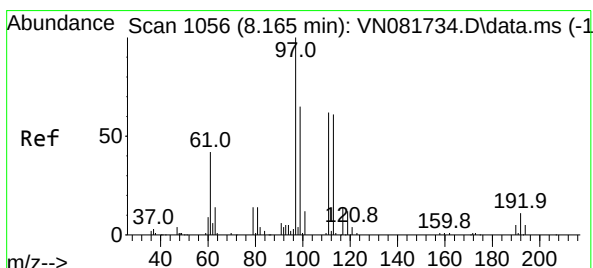
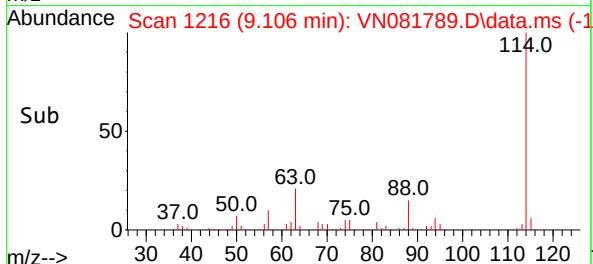
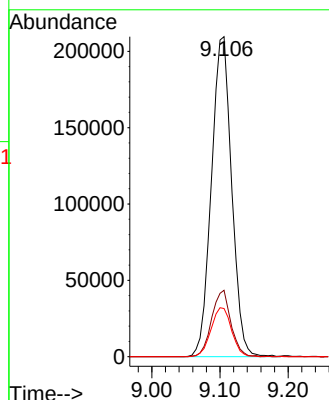
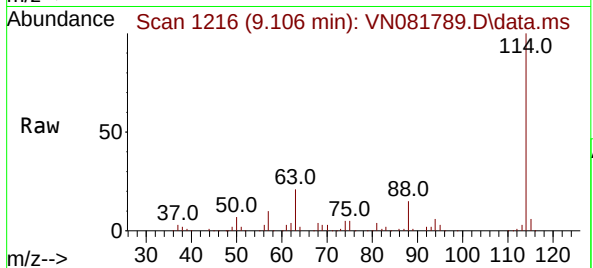
Tgt Ion:114 Resp: 433789

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.0

88 15.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.755 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081789.D

Acq: 18 Apr 2024 15:54

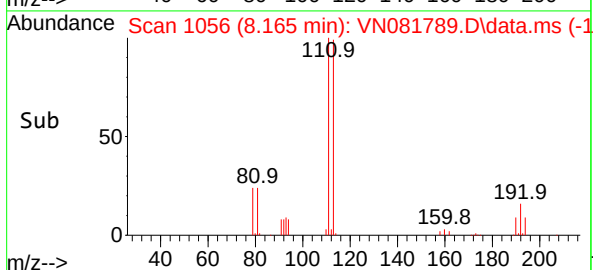
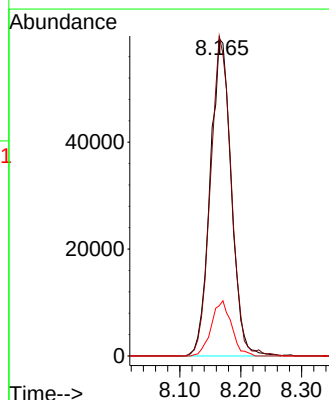
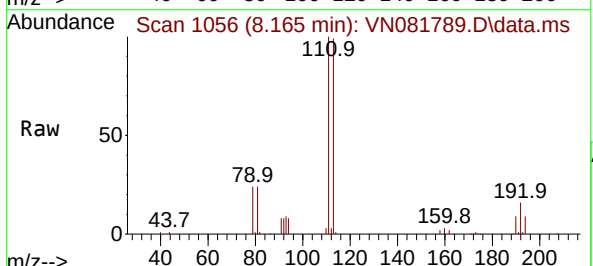
Tgt Ion:113 Resp: 142523

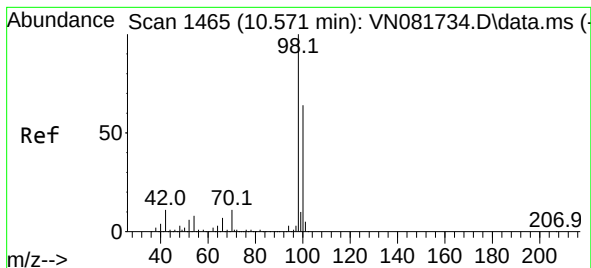
Ion Ratio Lower Upper

113 100

111 99.3 83.4 125.2

192 16.6 14.0 21.0

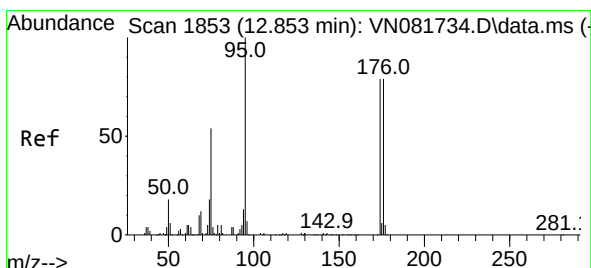
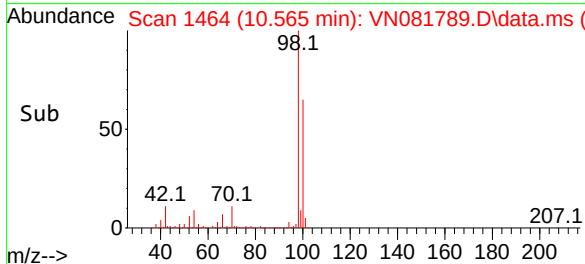
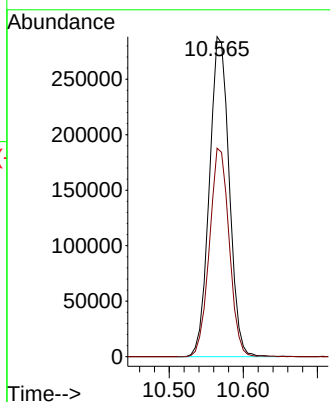
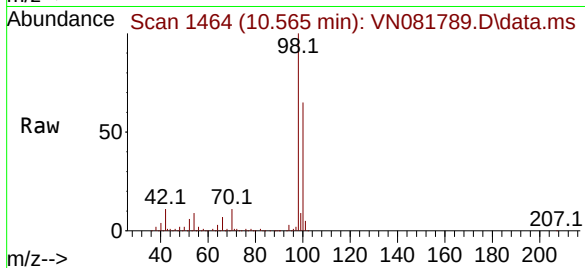




#50
Toluene-d8
Concen: 50.616 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

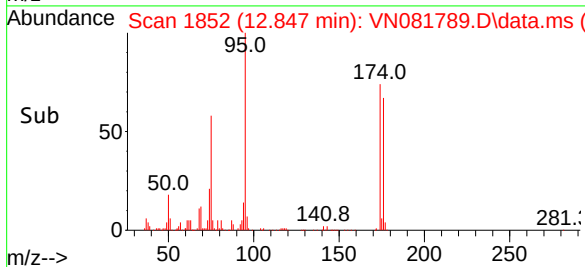
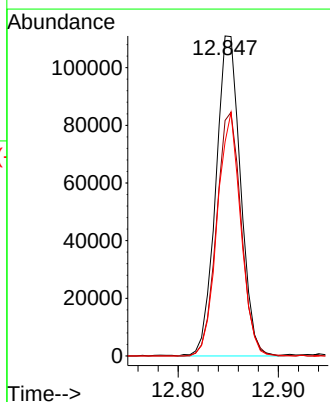
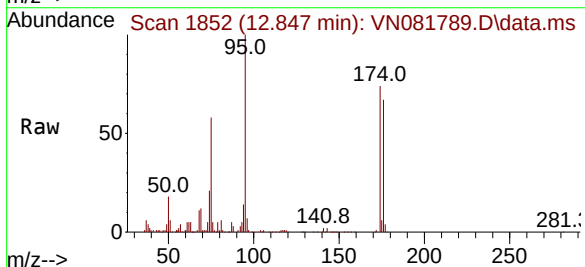
Instrument :
MSVOA_N
ClientSampleId :
4826

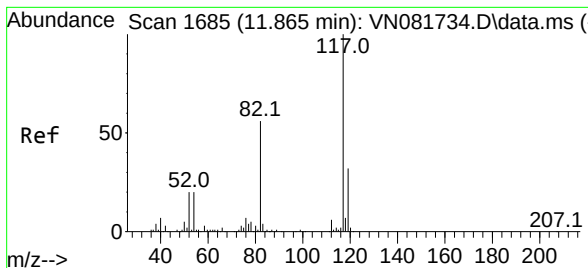
Tgt Ion: 98 Resp: 534142
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.738 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

Tgt Ion: 95 Resp: 190179
Ion Ratio Lower Upper
95 100
174 76.0 0.0 160.6
176 72.3 0.0 152.8

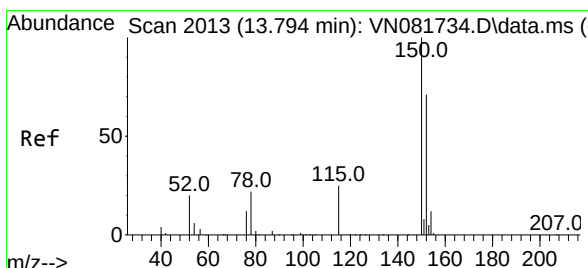
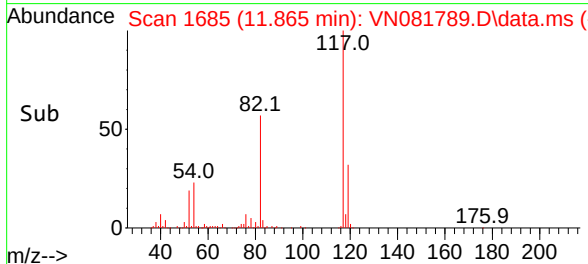
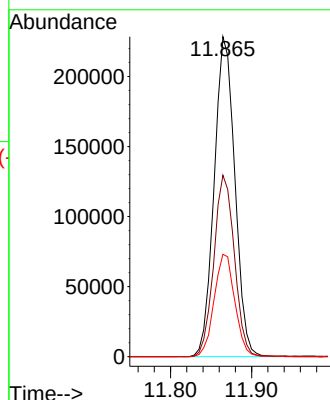
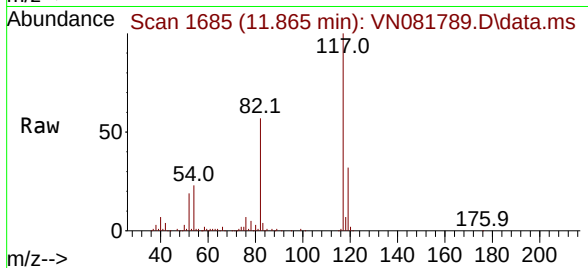




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

Instrument :
MSVOA_N
ClientSampleId :
4826

Tgt Ion:117 Resp: 405113
Ion Ratio Lower Upper
117 100
82 56.6 44.6 66.8
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

Tgt Ion:152 Resp: 178281
Ion Ratio Lower Upper
152 100
115 61.7 30.4 91.3
150 159.0 0.0 353.2

