

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081790.D
 Acq On : 18 Apr 2024 16:18
 Operator : JC\MD
 Sample : P2123-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RPI-TB-01

Quant Time: Apr 18 17:10:38 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	233857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	410105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	383848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	167914	51.026	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.060%
35) Dibromofluoromethane	8.171	113	133038	49.126	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.260%
50) Toluene-d8	10.571	98	504585	50.577	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.160%
62) 4-Bromofluorobenzene	12.847	95	177822	52.159	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	104.320%

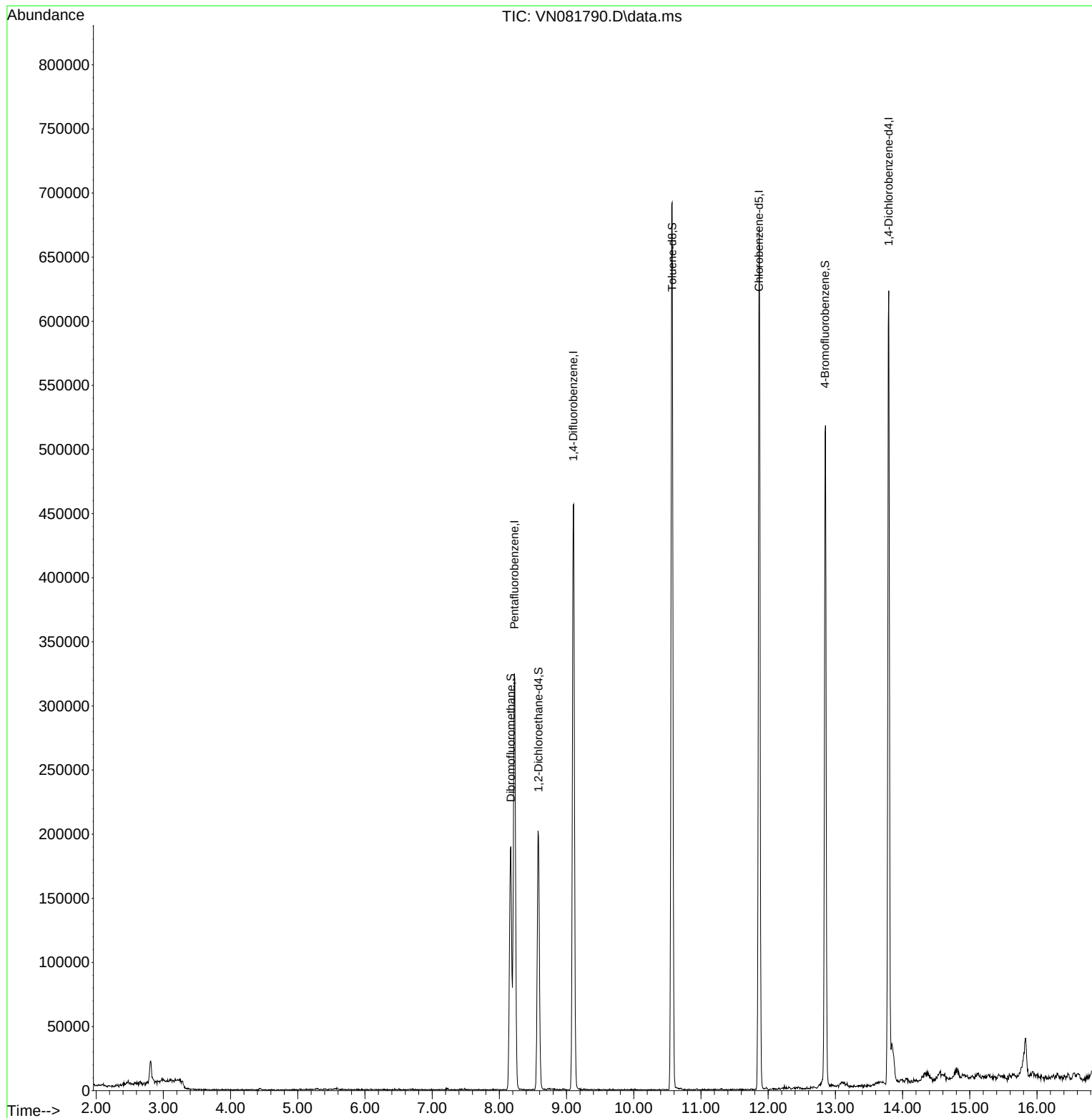
Target Compounds	Qvalue

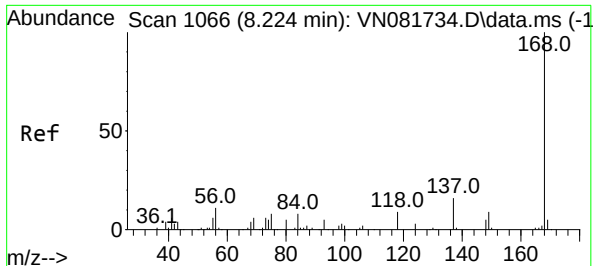
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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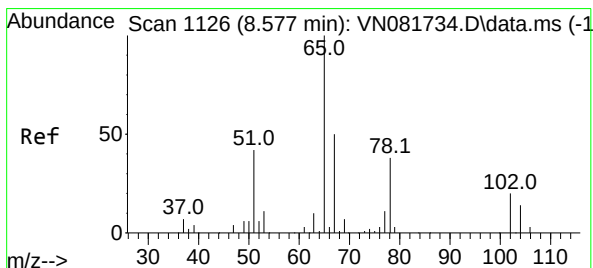
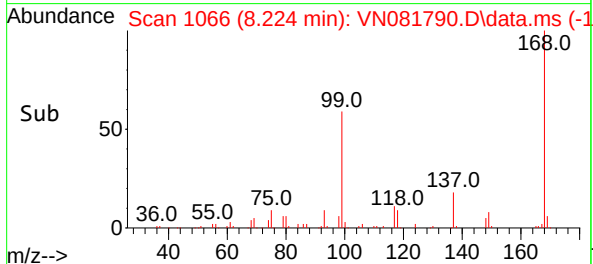
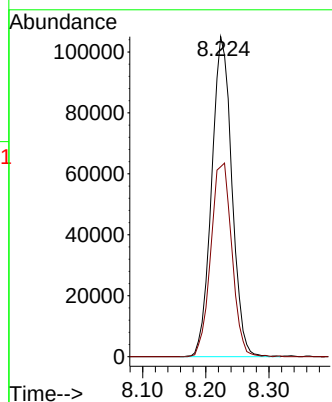
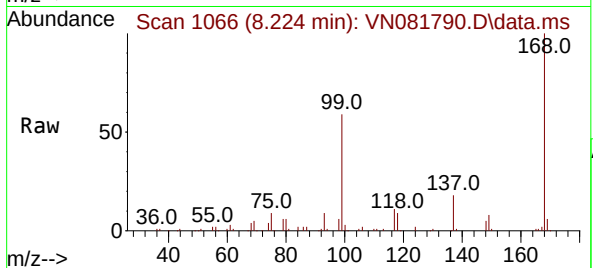




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081790.D
Acq: 18 Apr 2024 16:18

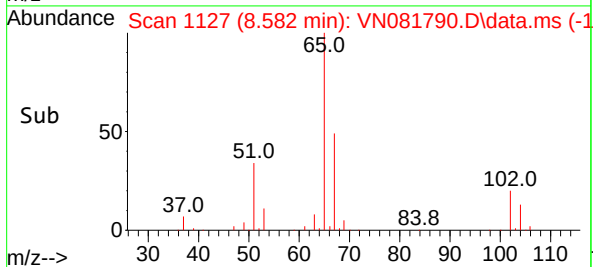
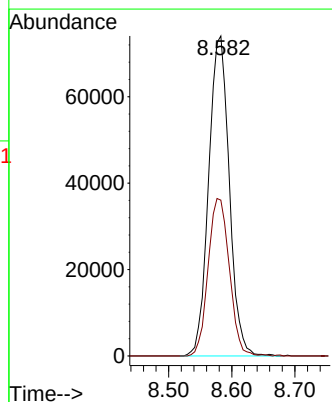
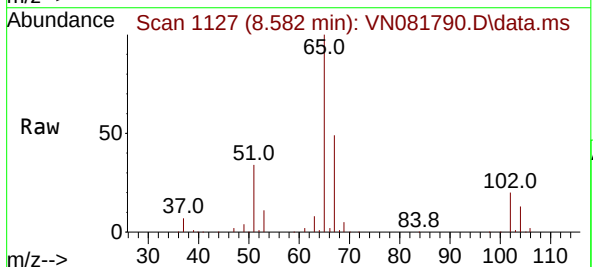
Instrument :
MSVOA_N
ClientSampleId :
RPI-TB-01

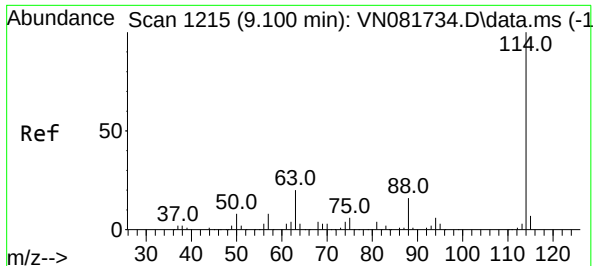
Tgt Ion:168 Resp: 233857
Ion Ratio Lower Upper
168 100
99 59.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 51.026 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN081790.D
Acq: 18 Apr 2024 16:18

Tgt Ion: 65 Resp: 167914
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0

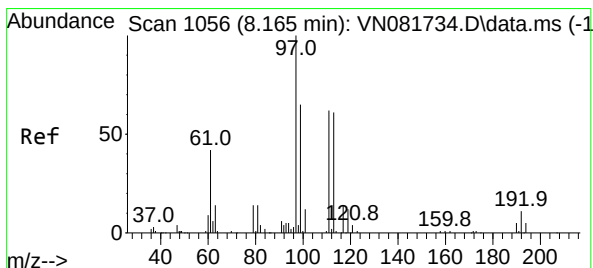
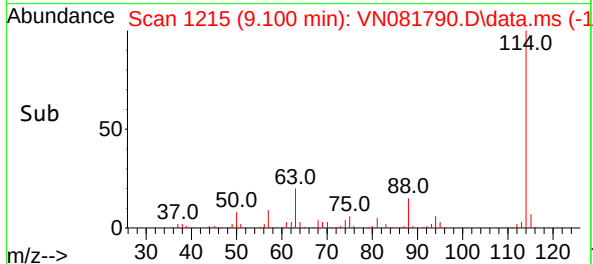
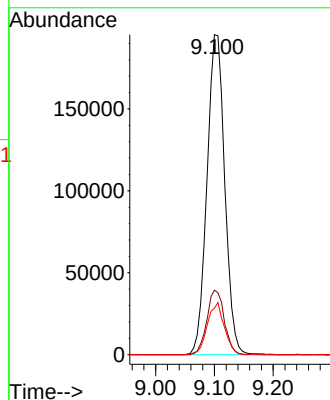
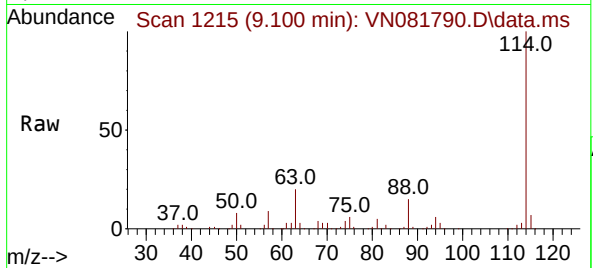




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081790.D
Acq: 18 Apr 2024 16:18

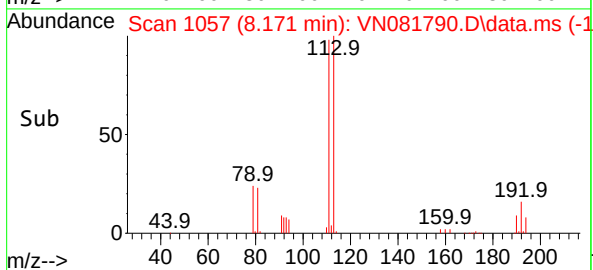
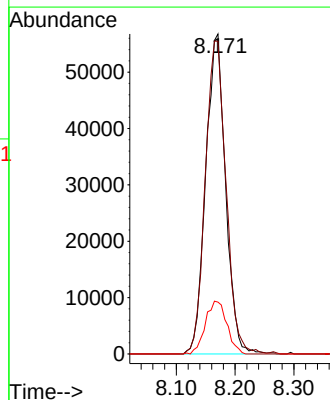
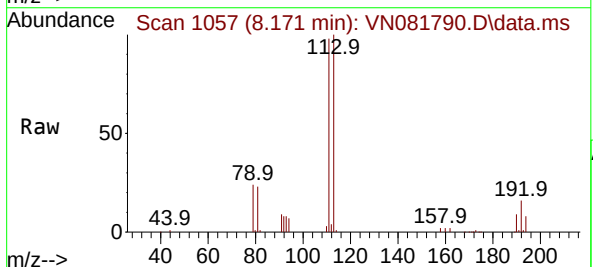
Instrument :
MSVOA_N
ClientSampleId :
RPI-TB-01

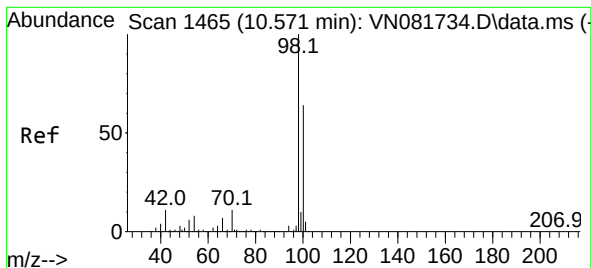
Tgt Ion:114 Resp: 410105
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.0
88 14.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.126 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081790.D
Acq: 18 Apr 2024 16:18

Tgt Ion:113 Resp: 133038
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.2
192 17.9 14.0 21.0





#50

Toluene-d8

Concen: 50.577 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081790.D

Acq: 18 Apr 2024 16:18

Instrument :

MSVOA_N

ClientSampleId :

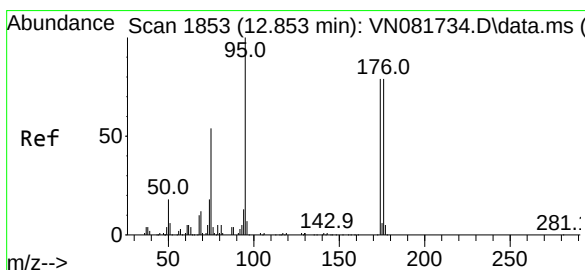
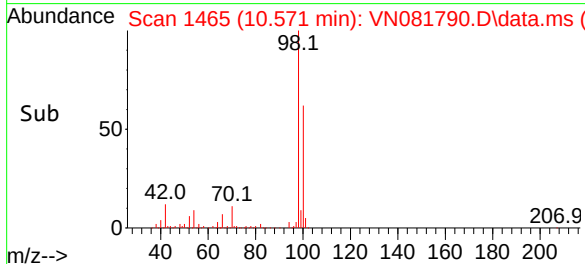
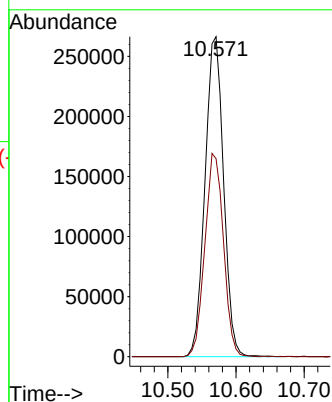
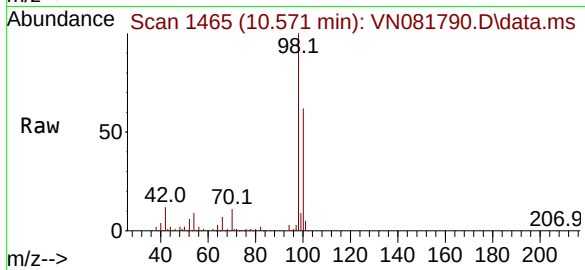
RPI-TB-01

Tgt Ion: 98 Resp: 504585

Ion Ratio Lower Upper

98 100

100 63.7 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 52.159 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081790.D

Acq: 18 Apr 2024 16:18

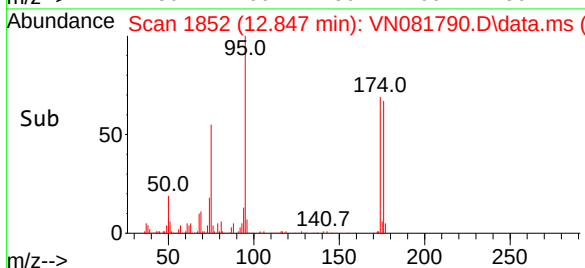
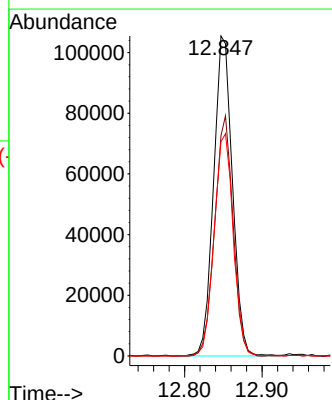
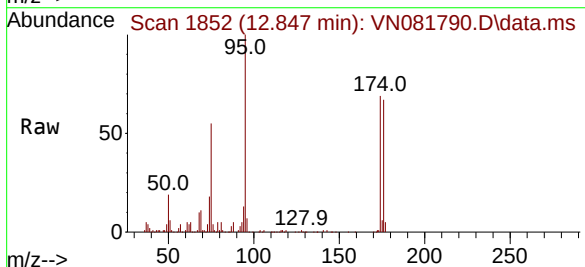
Tgt Ion: 95 Resp: 177822

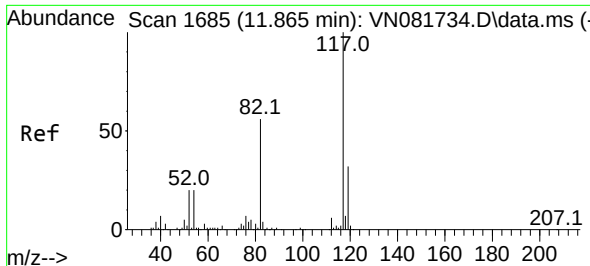
Ion Ratio Lower Upper

95 100

174 73.2 0.0 160.6

176 70.4 0.0 152.8

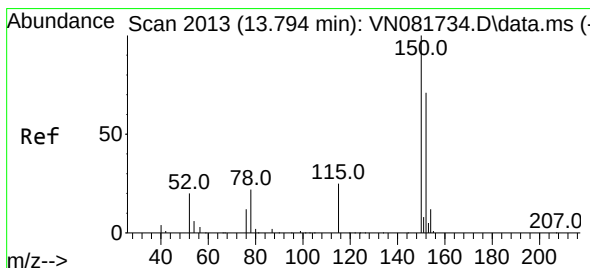
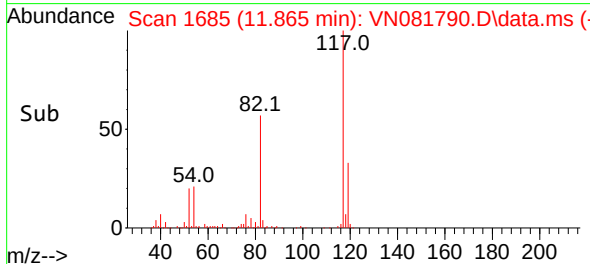
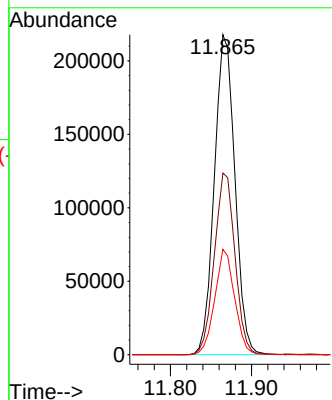
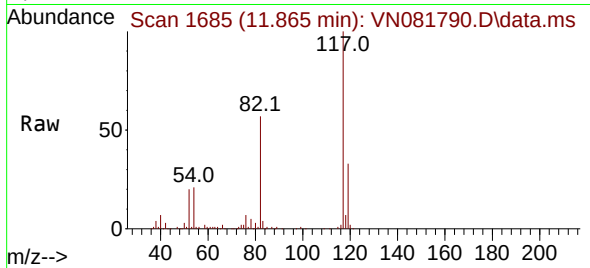




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081790.D
Acq: 18 Apr 2024 16:18

Instrument :
MSVOA_N
ClientSampleId :
RPI-TB-01

Tgt Ion:117 Resp: 383848
Ion Ratio Lower Upper
117 100
82 56.7 44.6 66.8
119 32.9 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: VN081790.D
Acq: 18 Apr 2024 16:18

Tgt Ion:152 Resp: 159949
Ion Ratio Lower Upper
152 100
115 64.0 30.4 91.3
150 161.8 0.0 353.2

