

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081791.D
 Acq On : 18 Apr 2024 16:42
 Operator : JC\MD
 Sample : P2121-06 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4828

Quant Time: Apr 19 01:25:41 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	235617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	420144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	389176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	172112	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	168001	50.671	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.340%
35) Dibromofluoromethane	8.165	113	139805	50.391	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.780%
50) Toluene-d8	10.571	98	519033	50.782	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.847	95	180595	51.706	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	103.420%

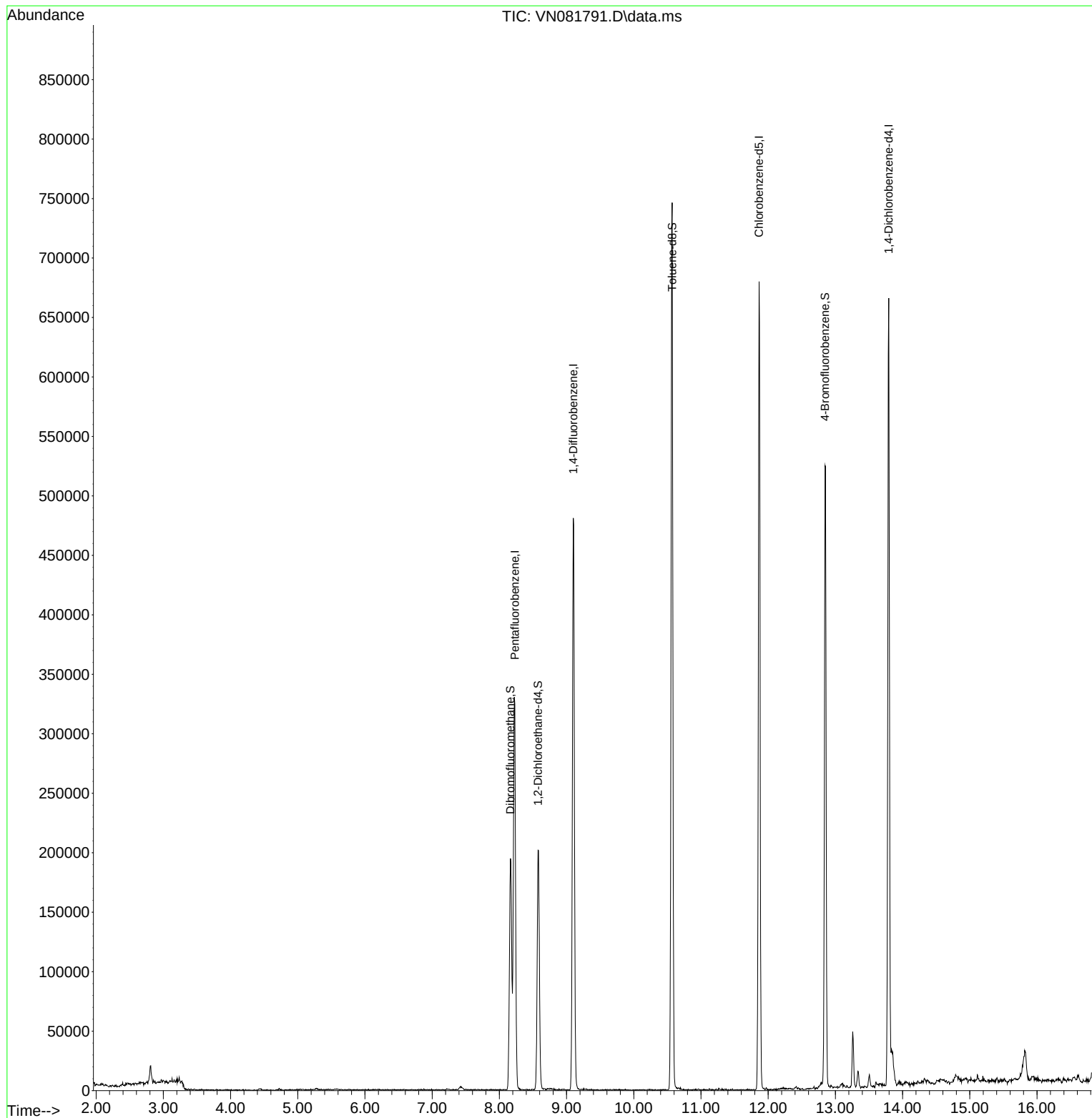
Target Compounds	Qvalue

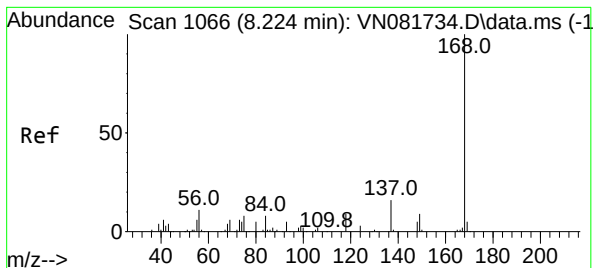
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081791.D

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Instrument :

MSVOA_N

ClientSampleId :

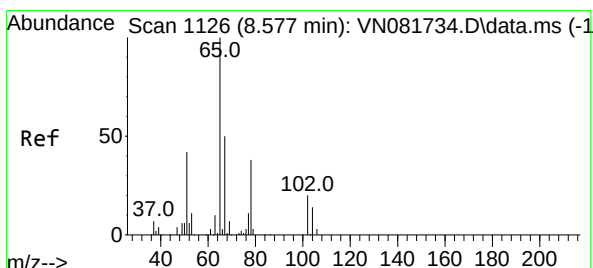
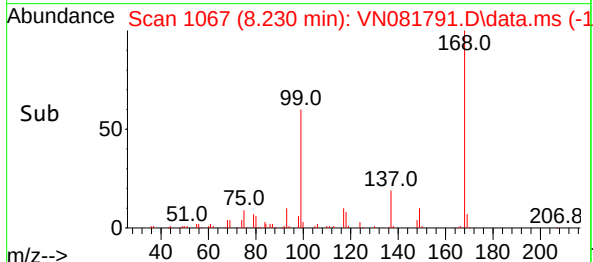
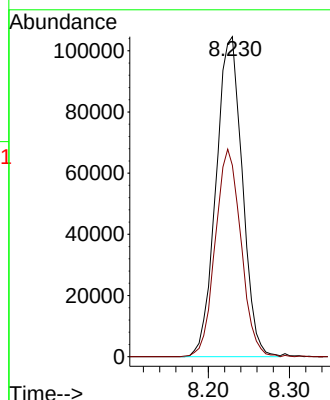
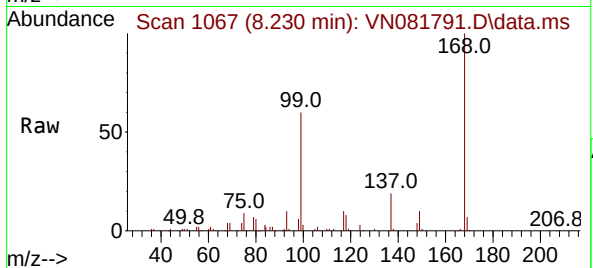
4828

Tgt Ion:168 Resp: 235617

Ion Ratio Lower Upper

168 100

99 59.8 48.2 72.4



#33

1,2-Dichloroethane-d4

Concen: 50.671 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081791.D

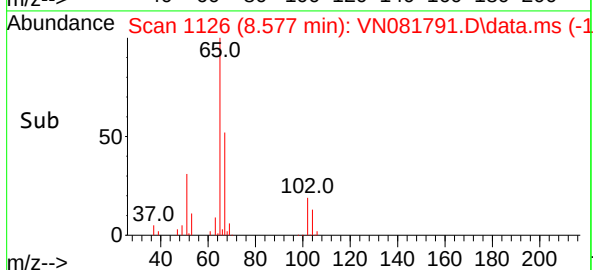
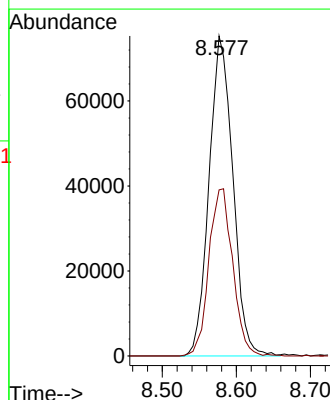
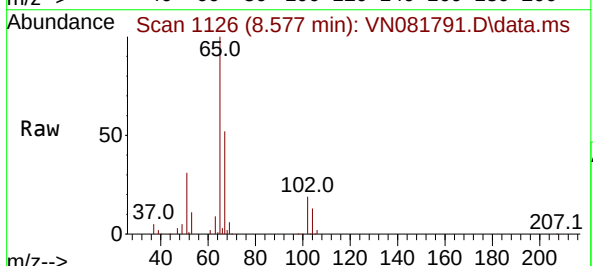
Acq: 18 Apr 2024 16:42

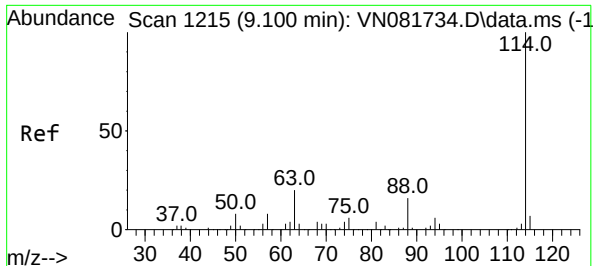
Tgt Ion: 65 Resp: 168001

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081791.D

Acq: 18 Apr 2024 16:42

Instrument :

MSVOA_N

ClientSampleId :

4828

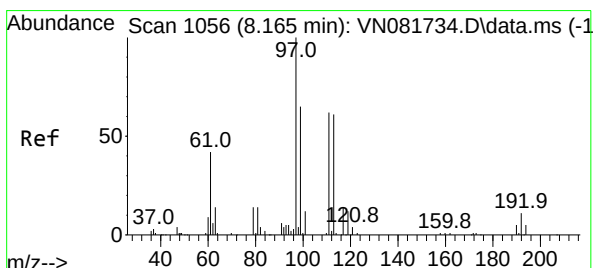
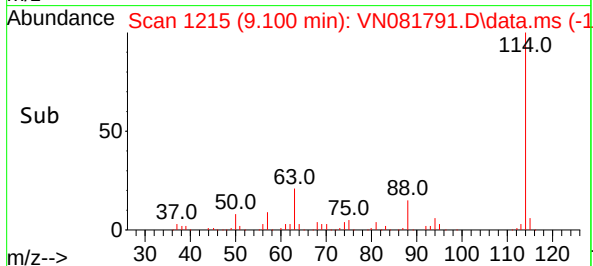
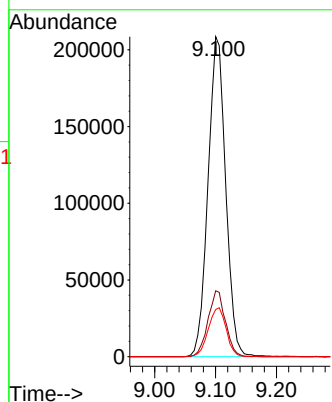
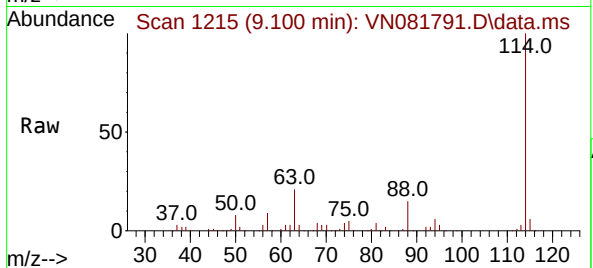
Tgt Ion:114 Resp: 420144

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

88 14.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.391 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081791.D

Acq: 18 Apr 2024 16:42

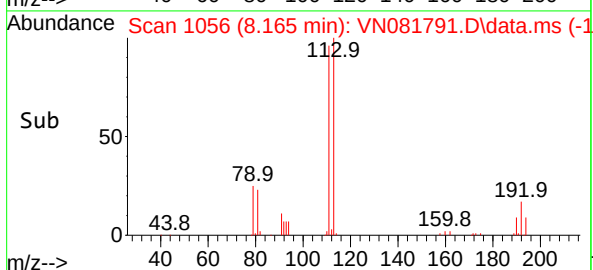
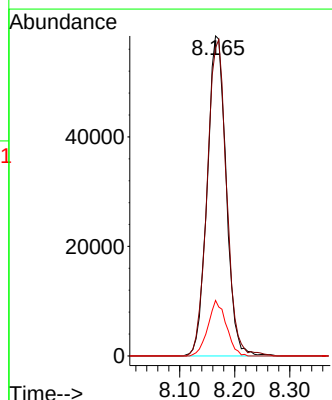
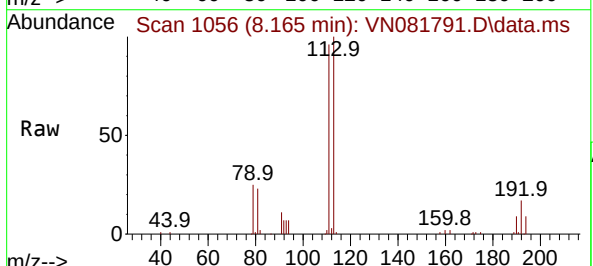
Tgt Ion:113 Resp: 139805

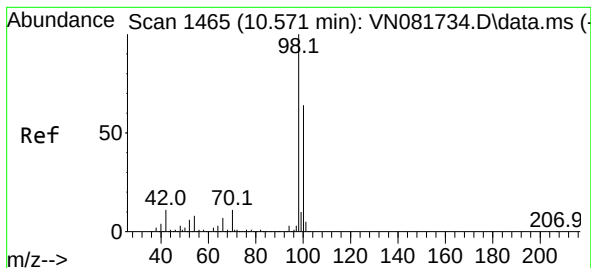
Ion Ratio Lower Upper

113 100

111 100.9 83.4 125.2

192 16.8 14.0 21.0





#50

Toluene-d8

Concen: 50.782 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081791.D

Acq: 18 Apr 2024 16:42

Instrument :

MSVOA_N

ClientSampleId :

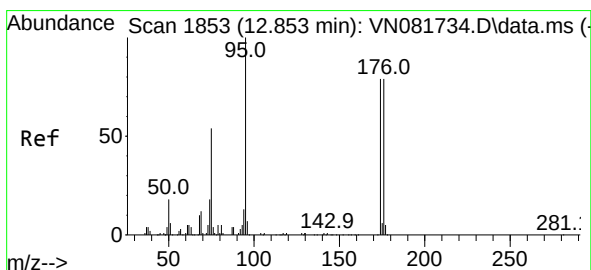
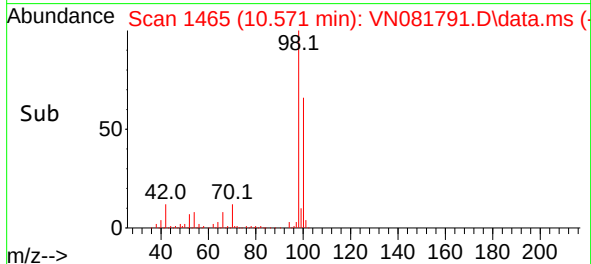
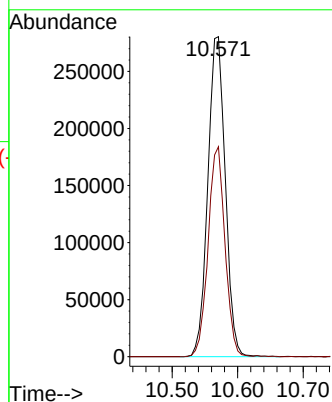
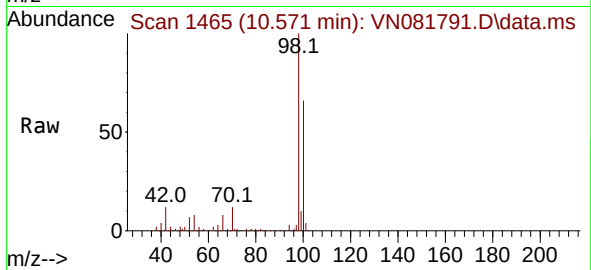
4828

Tgt Ion: 98 Resp: 519033

Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 51.706 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081791.D

Acq: 18 Apr 2024 16:42

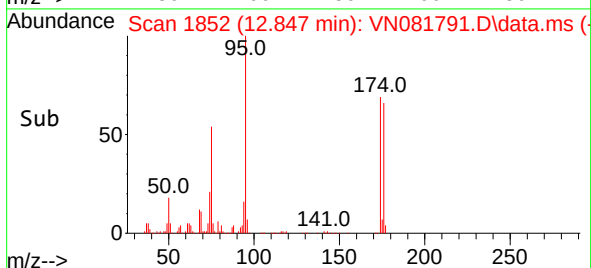
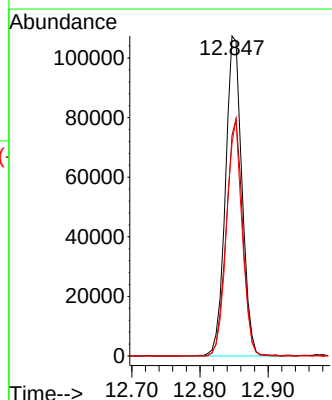
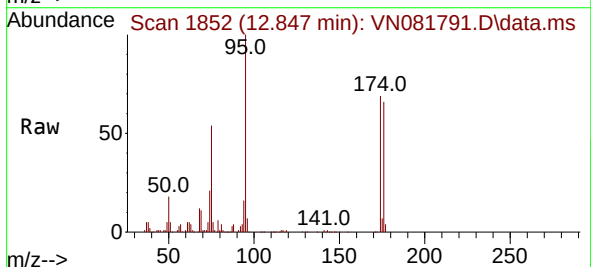
Tgt Ion: 95 Resp: 180595

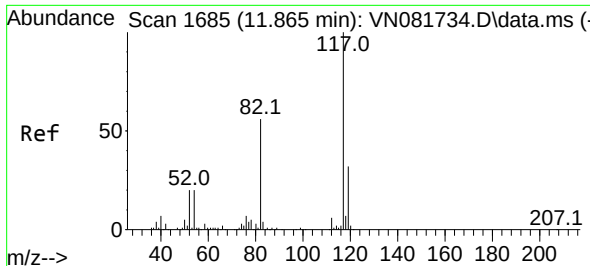
Ion Ratio Lower Upper

95 100

174 73.4 0.0 160.6

176 70.3 0.0 152.8

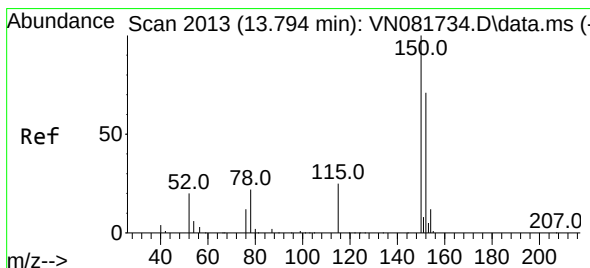
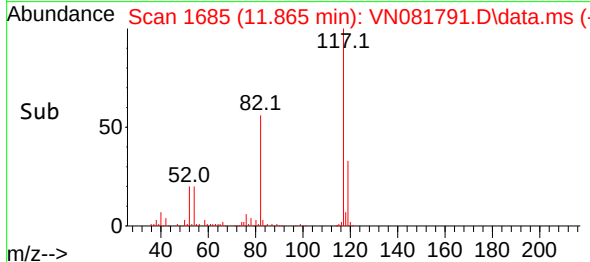
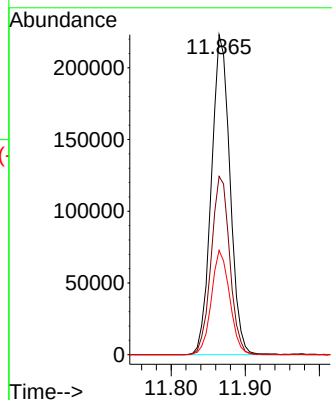
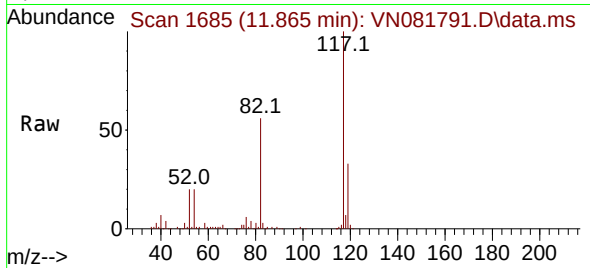




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081791.D
Acq: 18 Apr 2024 16:42

Instrument :
MSVOA_N
ClientSampleId :
4828

Tgt Ion:117 Resp: 389176
Ion Ratio Lower Upper
117 100
82 55.7 44.6 66.8
119 32.6 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: VN081791.D
Acq: 18 Apr 2024 16:42

Tgt Ion:152 Resp: 172112
Ion Ratio Lower Upper
152 100
115 61.0 30.4 91.3
150 154.6 0.0 353.2

