

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080319.D
 Acq On : 01 Dec 2023 12:59
 Operator : JC\MD
 Sample : 05592-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 01 22:34:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	180605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150817	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153687	51.537	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.080%
35) Dibromofluoromethane	8.171	113	122281	52.248	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.500%
50) Toluene-d8	10.571	98	418951	49.658	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.847	95	165016	51.783	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.560%

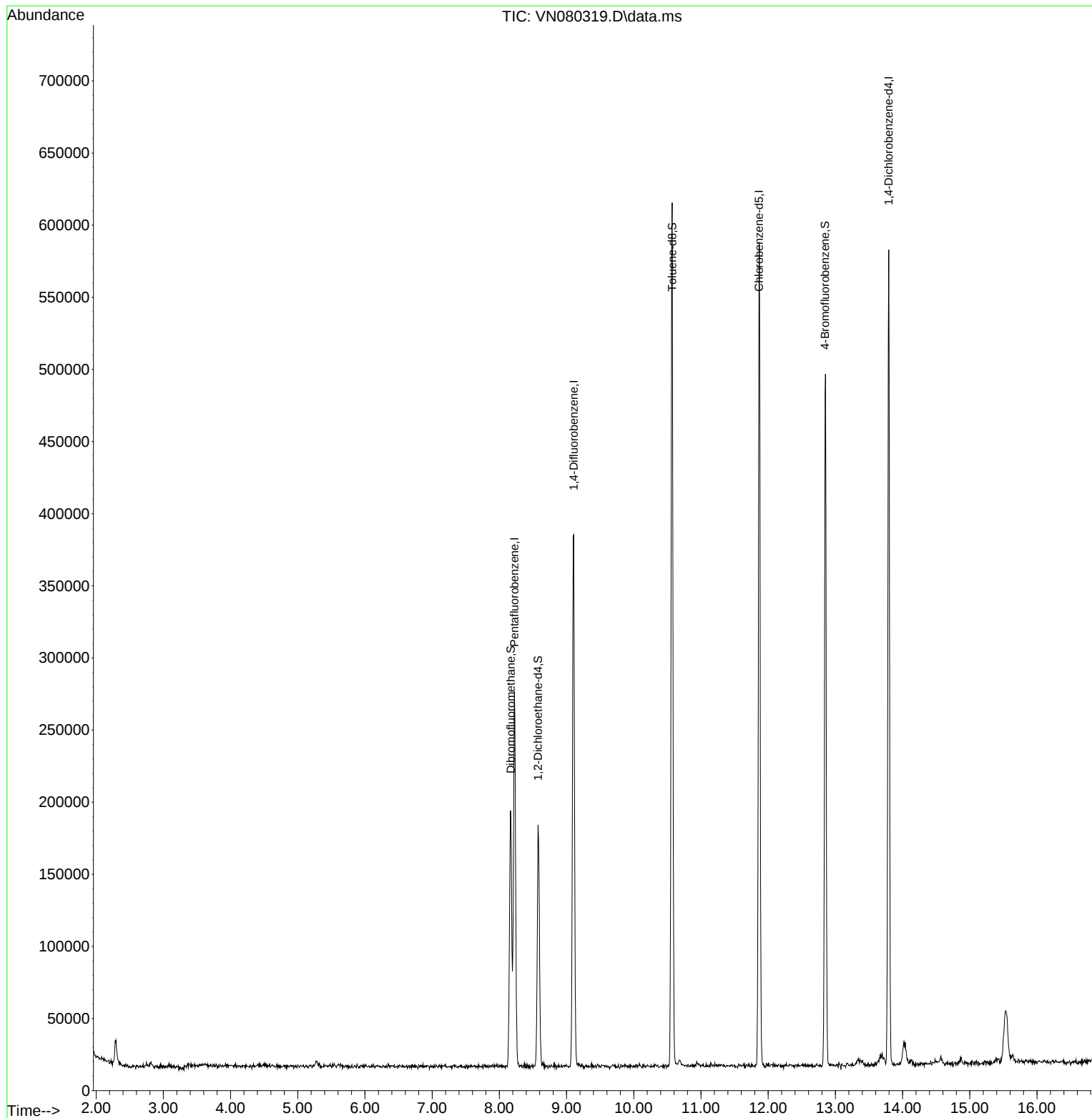
Target Compounds	Qvalue

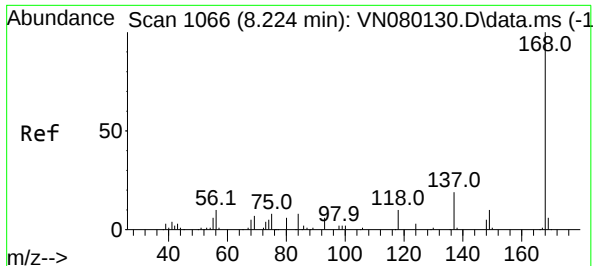
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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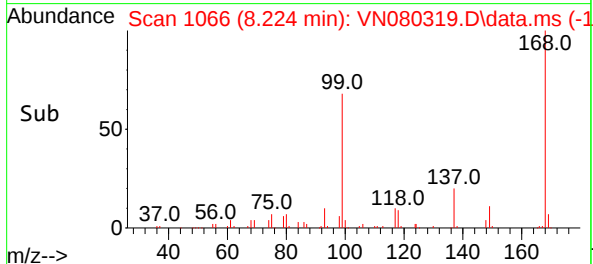
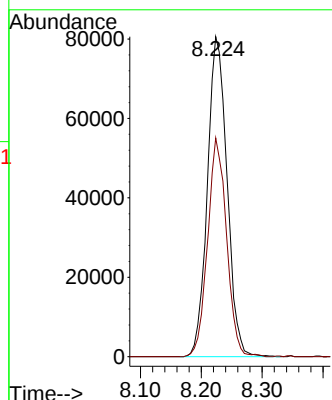
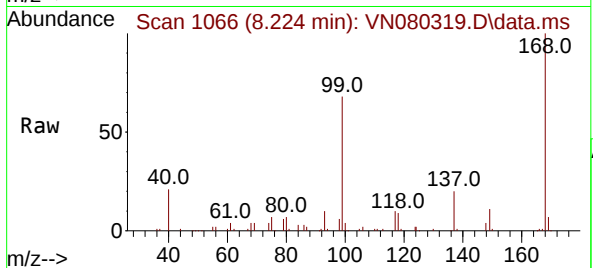




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080319.D
Acq: 01 Dec 2023 12:59

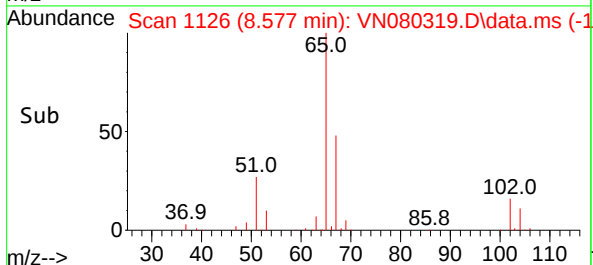
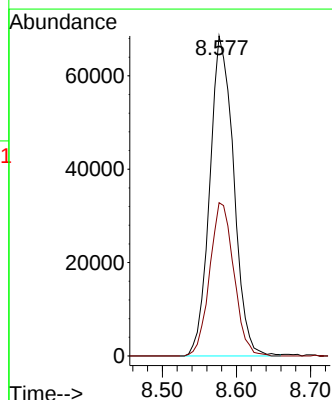
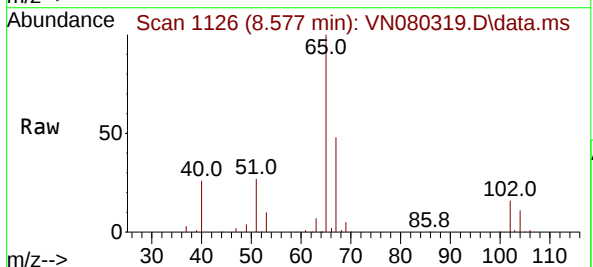
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

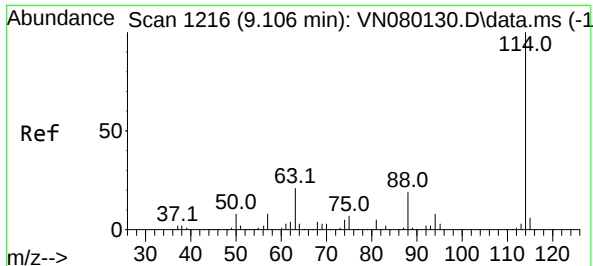
Tgt Ion:168 Resp: 180605
Ion Ratio Lower Upper
168 100
99 68.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 51.537 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080319.D
Acq: 01 Dec 2023 12:59

Tgt Ion: 65 Resp: 153687
Ion Ratio Lower Upper
65 100
67 48.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080319.D

Acq: 01 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

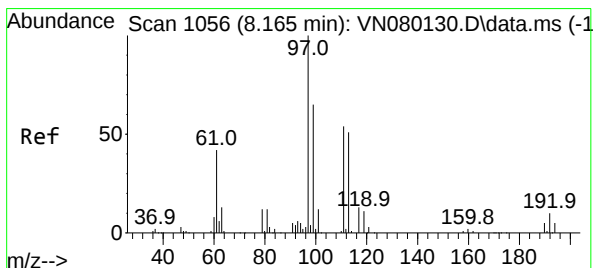
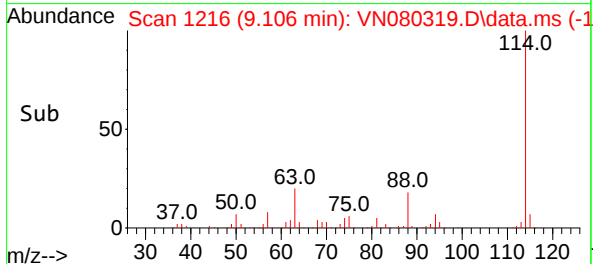
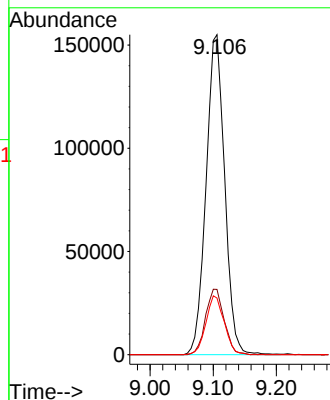
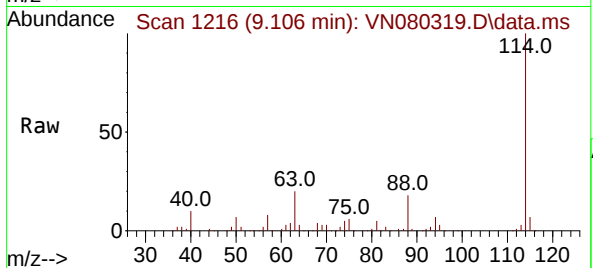
Tgt Ion:114 Resp: 317186

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 17.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.248 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080319.D

Acq: 01 Dec 2023 12:59

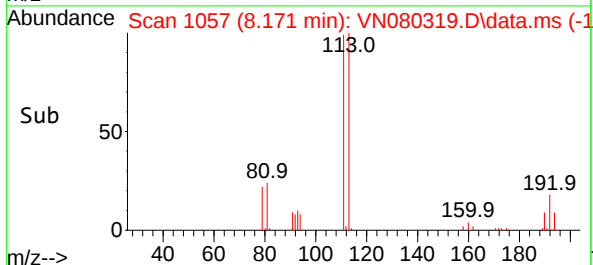
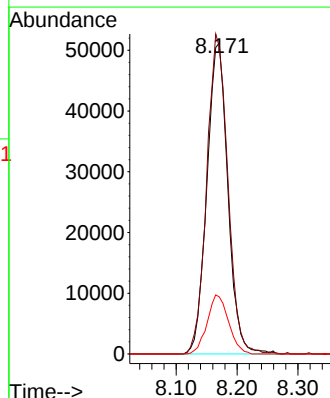
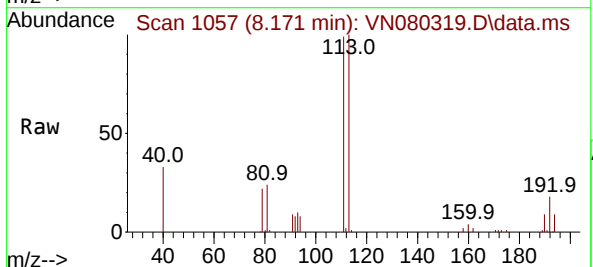
Tgt Ion:113 Resp: 122281

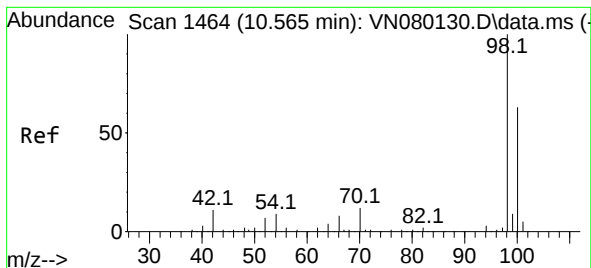
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 19.3 12.7 19.1#





#50

Toluene-d8

Concen: 49.658 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080319.D

Acq: 01 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

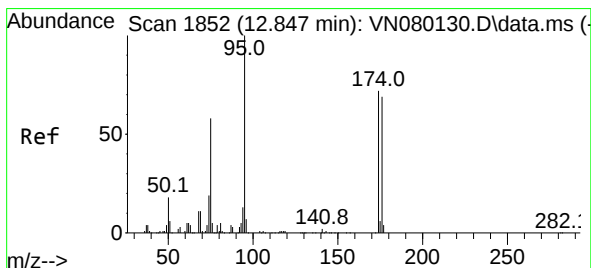
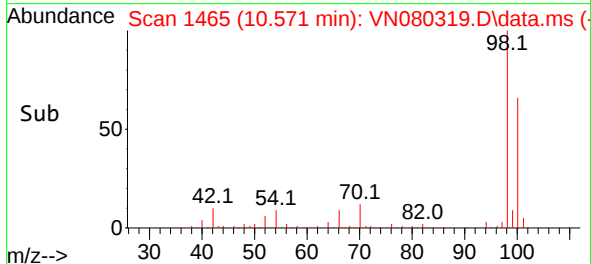
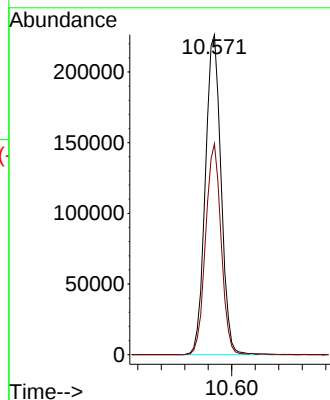
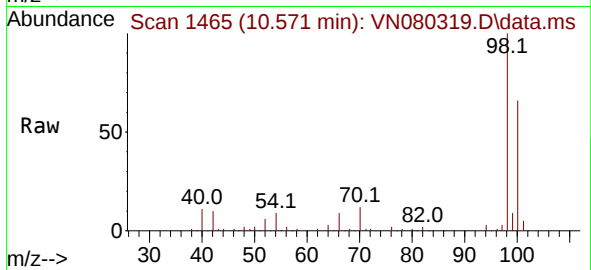
TRIP-BLANK

Tgt Ion: 98 Resp: 418951

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.783 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN080319.D

Acq: 01 Dec 2023 12:59

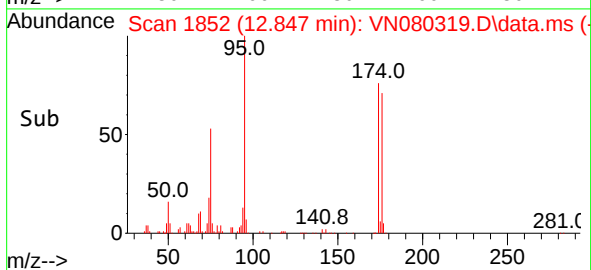
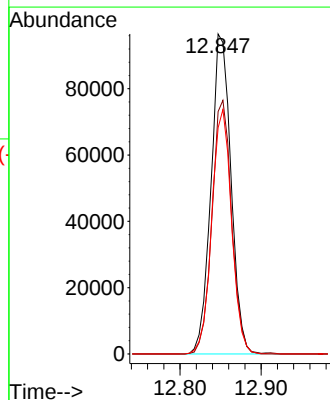
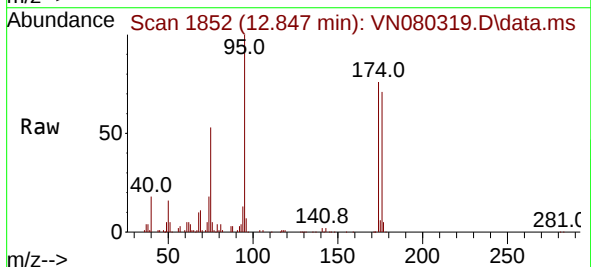
Tgt Ion: 95 Resp: 165016

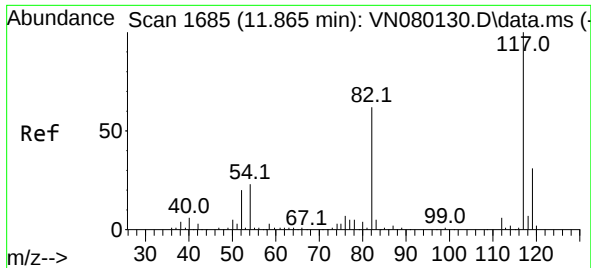
Ion Ratio Lower Upper

95 100

174 78.2 0.0 143.8

176 75.6 0.0 135.8

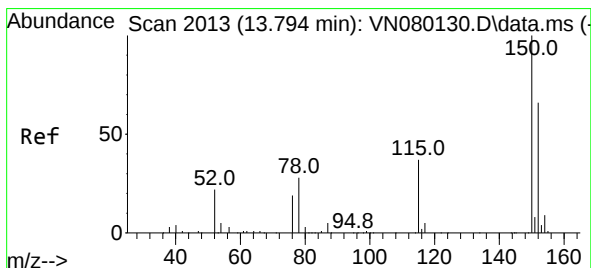
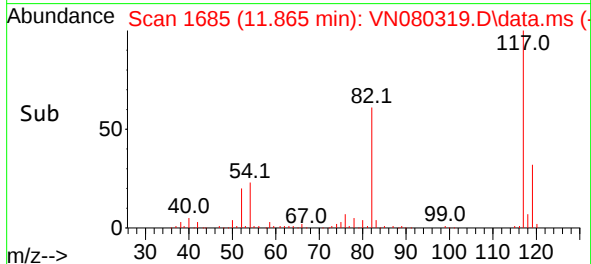
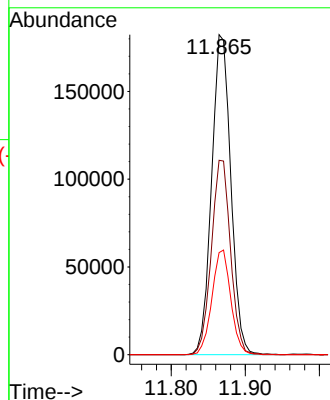
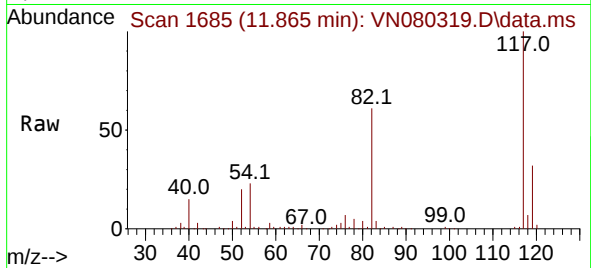




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080319.D
Acq: 01 Dec 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 328173
Ion Ratio Lower Upper
117 100
82 60.7 44.0 66.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080319.D
Acq: 01 Dec 2023 12:59

Tgt Ion:152 Resp: 150817
Ion Ratio Lower Upper
152 100
115 66.6 32.3 96.8
150 158.3 0.0 355.8

