

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112923\
 Data File : VN080307.D
 Acq On : 29 Nov 2023 14:10
 Operator : JC\MD
 Sample : 05470-01
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1

Quant Time: Nov 30 04:44:42 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	8.218	168	167905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141196	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145946	52.643	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.280%
35) Dibromofluoromethane	8.159	113	116120	51.938	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.880%
50) Toluene-d8	10.565	98	400550	49.699	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.853	95	150198	49.339	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.680%

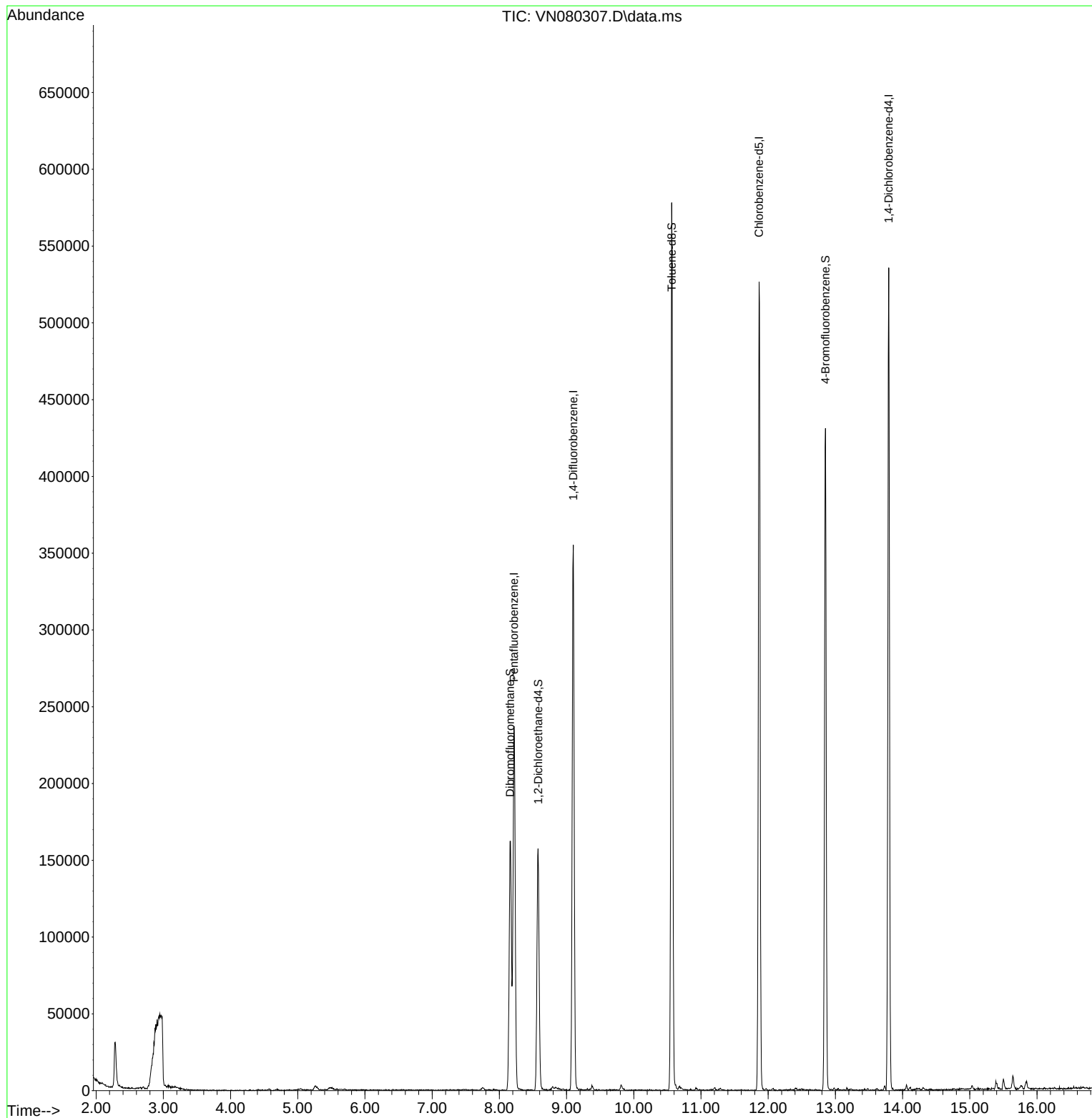
Target Compounds	Qvalue

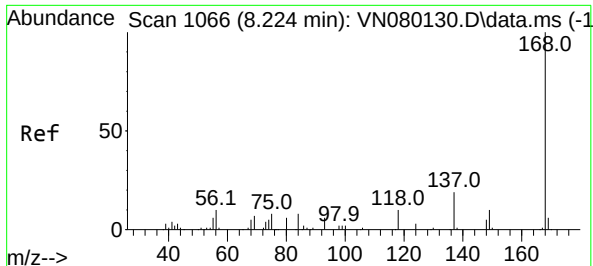
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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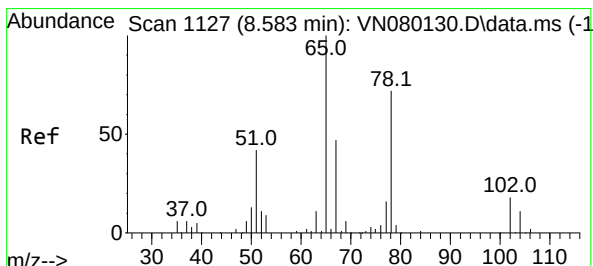
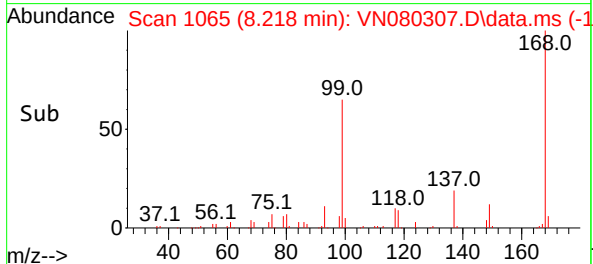
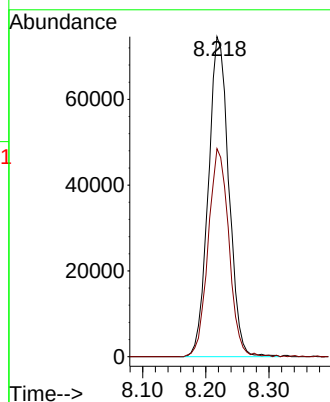
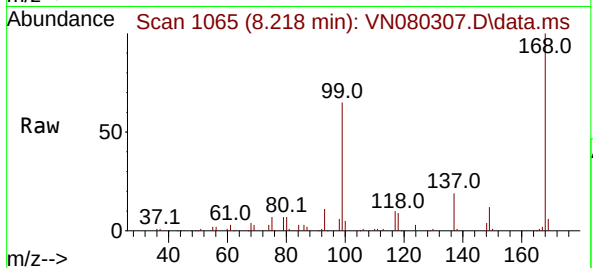




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN080307.D
Acq: 29 Nov 2023 14:10

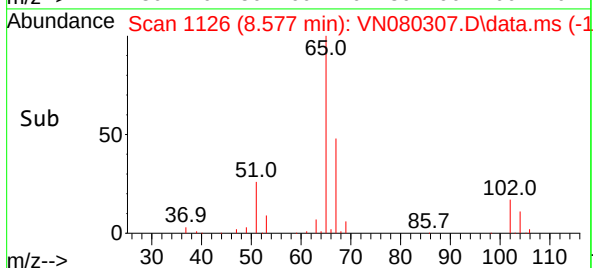
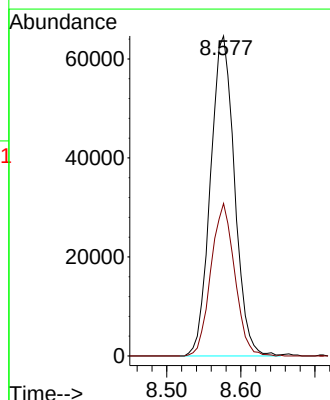
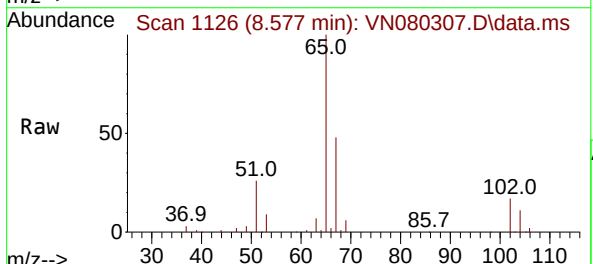
Instrument :
MSVOA_N
ClientSampleId :
SB-1

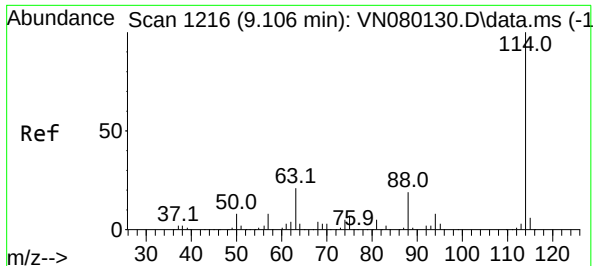
Tgt Ion:168 Resp: 167905
Ion Ratio Lower Upper
168 100
99 65.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.643 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080307.D
Acq: 29 Nov 2023 14:10

Tgt Ion: 65 Resp: 145946
Ion Ratio Lower Upper
65 100
67 47.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080307.D

Acq: 29 Nov 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

SB-1

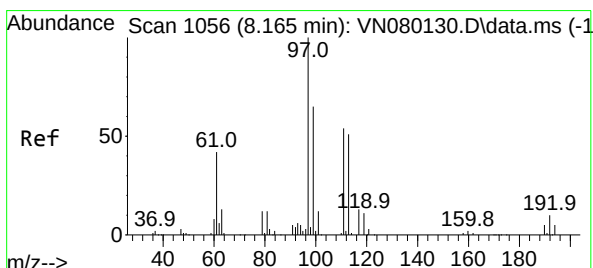
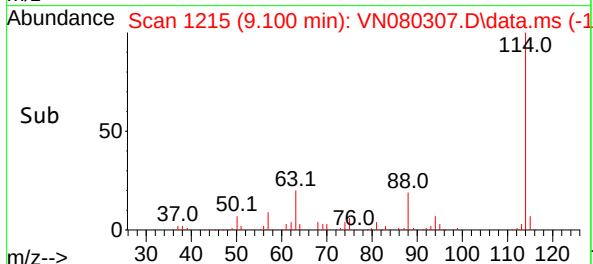
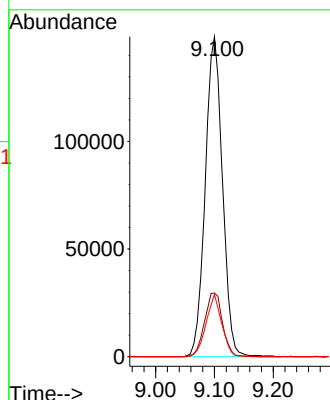
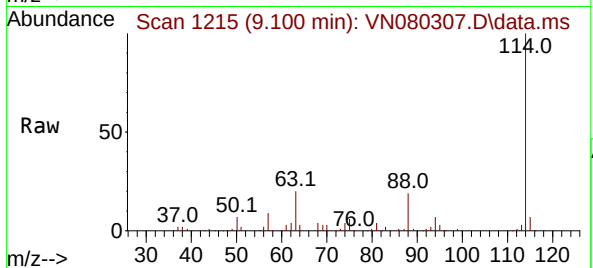
Tgt Ion:114 Resp: 303003

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 19.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.938 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN080307.D

Acq: 29 Nov 2023 14:10

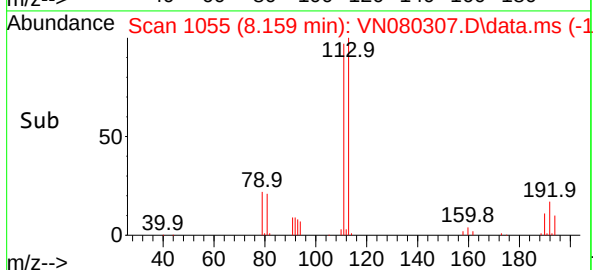
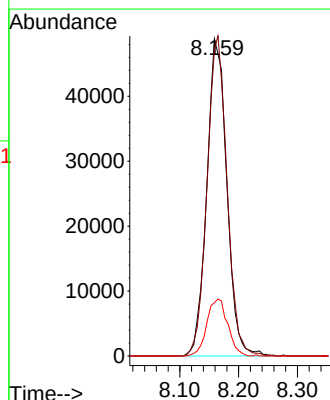
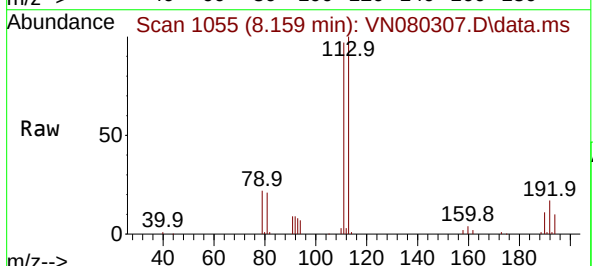
Tgt Ion:113 Resp: 116120

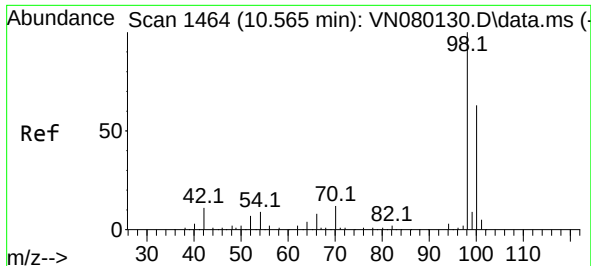
Ion Ratio Lower Upper

113 100

111 100.1 82.6 123.8

192 18.6 12.7 19.1

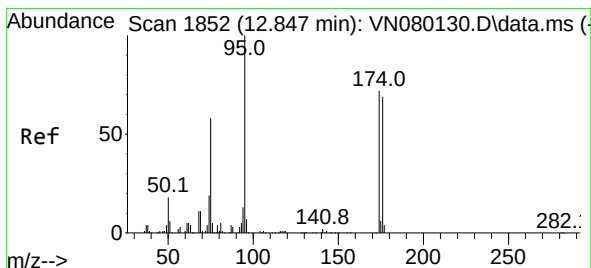
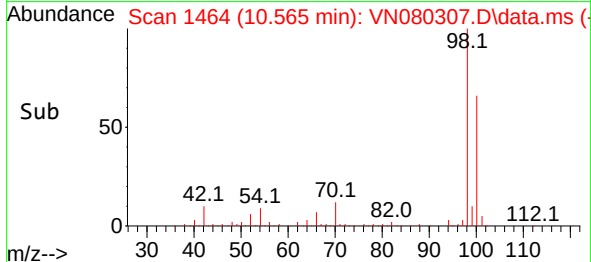
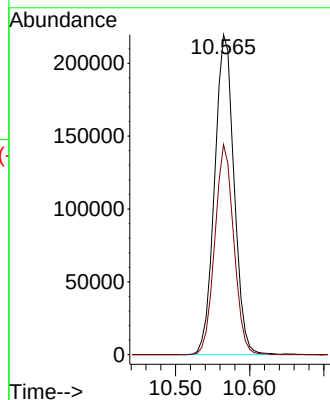
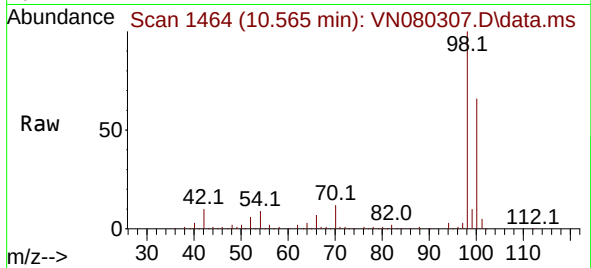




#50
Toluene-d8
Concen: 49.699 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080307.D
Acq: 29 Nov 2023 14:10

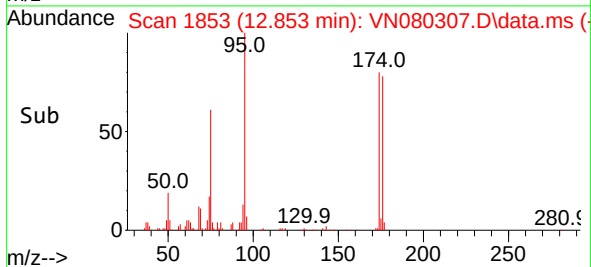
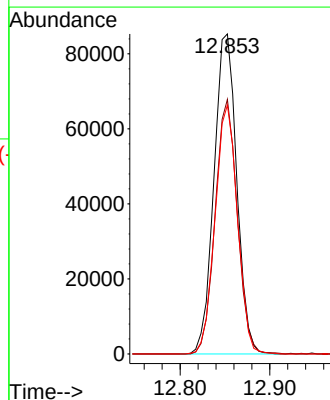
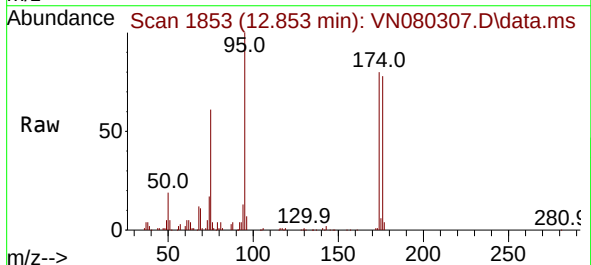
Instrument :
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SB-1

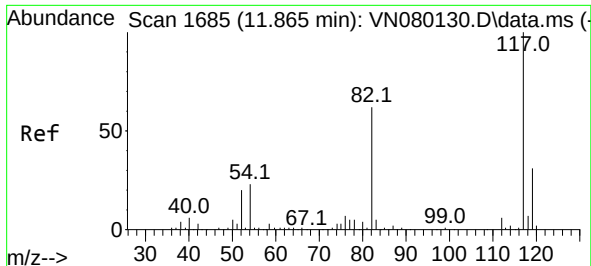
Tgt Ion: 98 Resp: 400550
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.339 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080307.D
Acq: 29 Nov 2023 14:10

Tgt Ion: 95 Resp: 150198
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 76.3 0.0 135.8

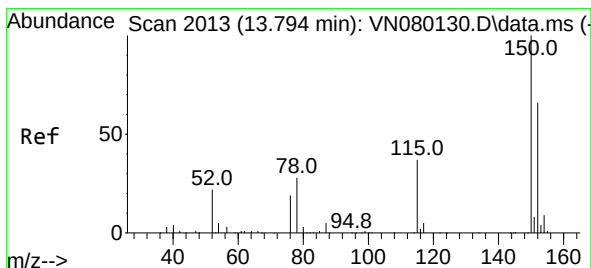
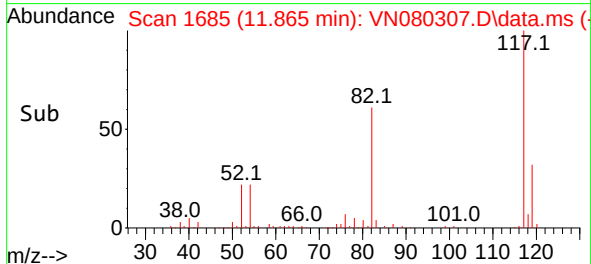
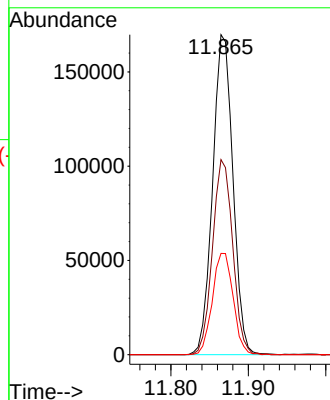
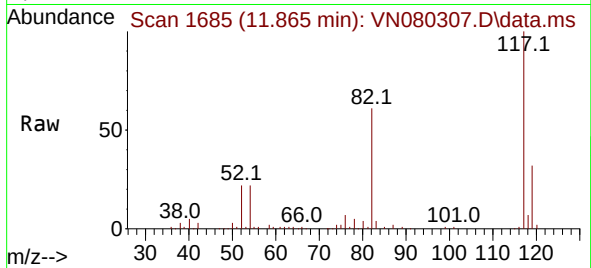




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080307.D
Acq: 29 Nov 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tgt Ion:117 Resp: 308299
Ion Ratio Lower Upper
117 100
82 60.9 44.0 66.0
119 31.7 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: VN080307.D
Acq: 29 Nov 2023 14:10

Tgt Ion:152 Resp: 141196
Ion Ratio Lower Upper
152 100
115 66.2 32.3 96.8
150 160.6 0.0 355.8

