

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080327.D
 Acq On : 04 Dec 2023 10:37
 Operator : JC\MD
 Sample : VN1204MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBL01

Quant Time: Dec 05 04:10:35 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	144440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	261448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118997	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130206	54.595	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.200%
35) Dibromofluoromethane	8.171	113	102624	53.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.400%
50) Toluene-d8	10.571	98	343764	49.433	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.853	95	128999	49.111	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.220%

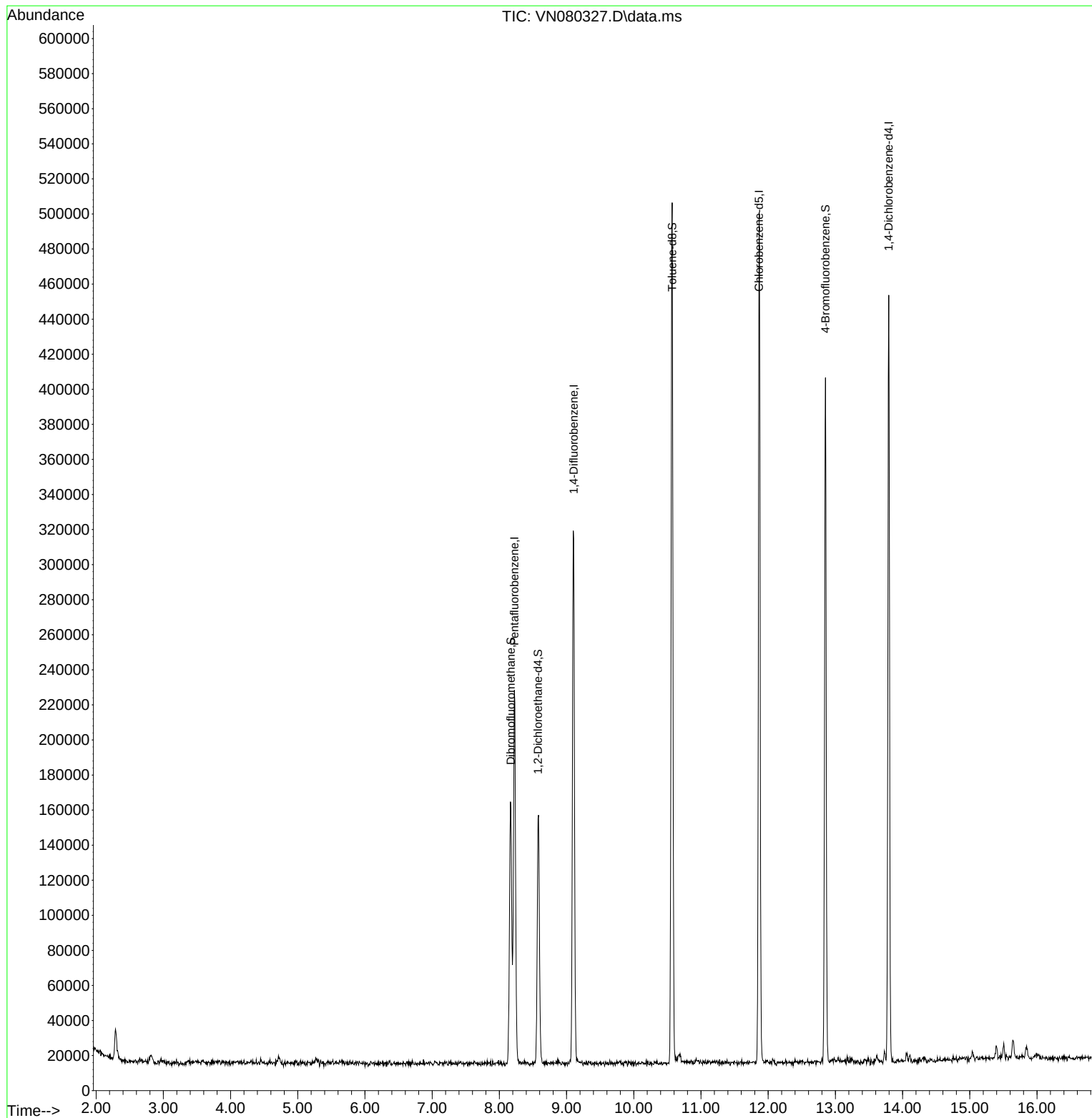
Target Compounds	Qvalue

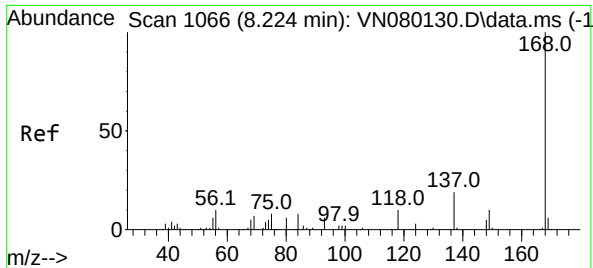
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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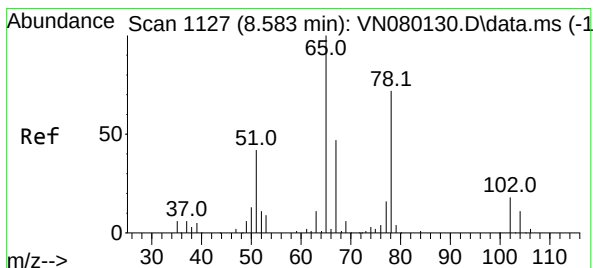
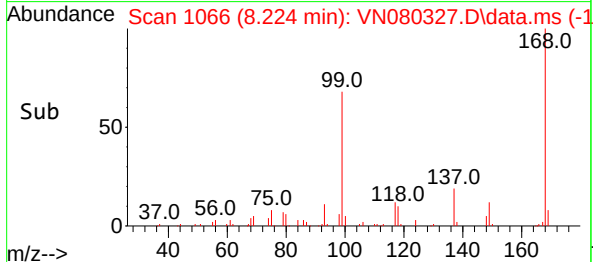
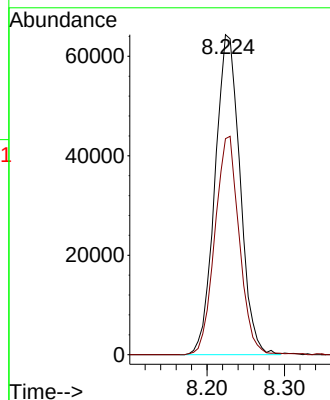
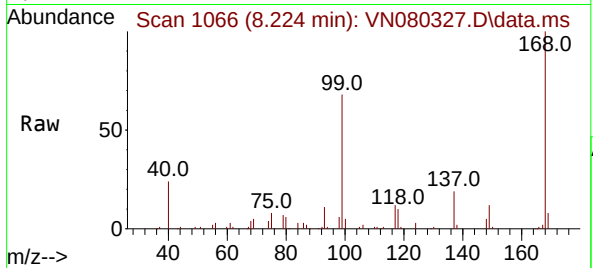




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN080327.D
Acq: 04 Dec 2023 10:37

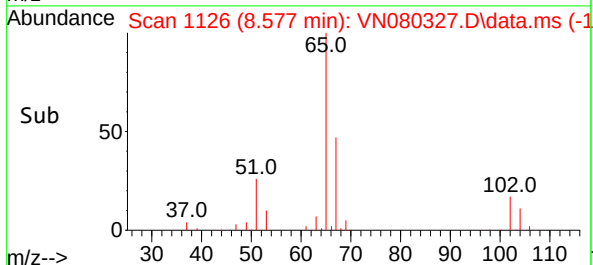
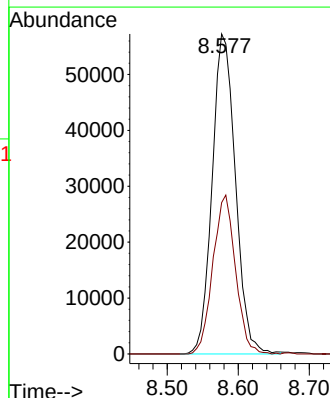
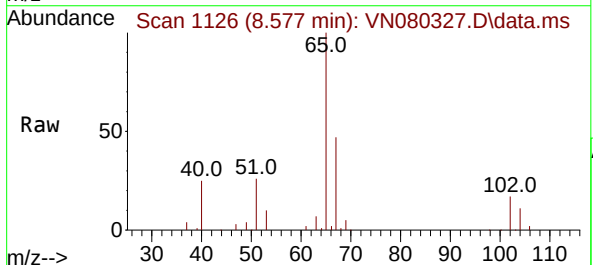
Instrument :
MSVOA_N
ClientSampleId :
VN1204MBL01

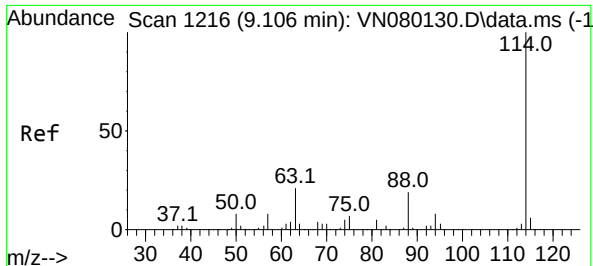
Tgt Ion:168 Resp: 144440
Ion Ratio Lower Upper
168 100
99 67.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.595 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080327.D
Acq: 04 Dec 2023 10:37

Tgt Ion: 65 Resp: 130206
Ion Ratio Lower Upper
65 100
67 48.3 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: VN080327.D

Acq: 04 Dec 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN1204MBL01

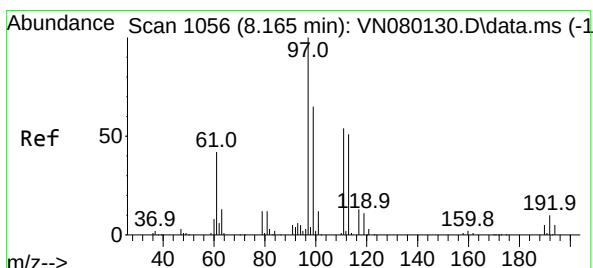
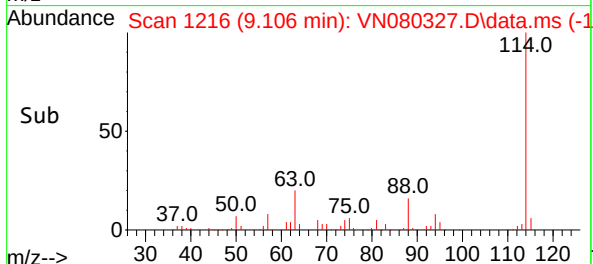
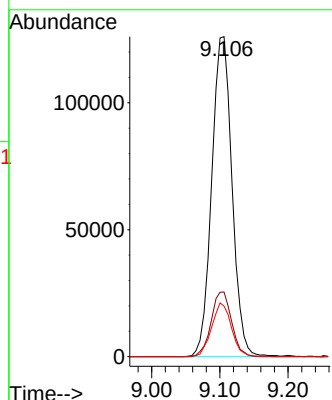
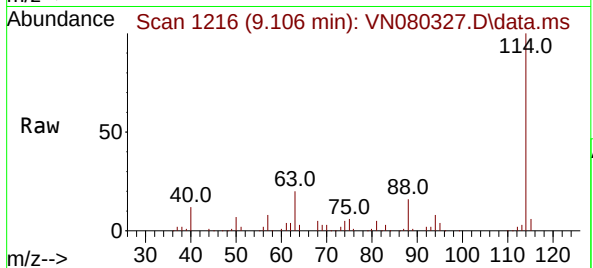
Tgt Ion:114 Resp: 261448

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.197 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080327.D

Acq: 04 Dec 2023 10:37

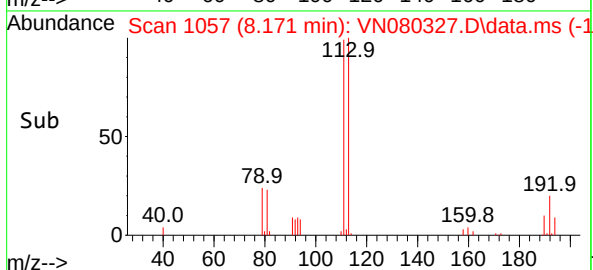
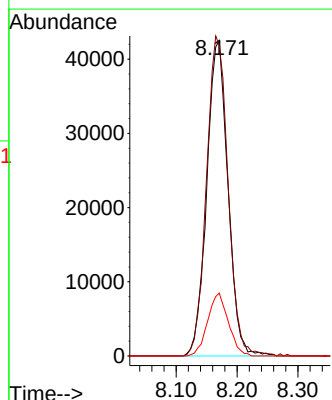
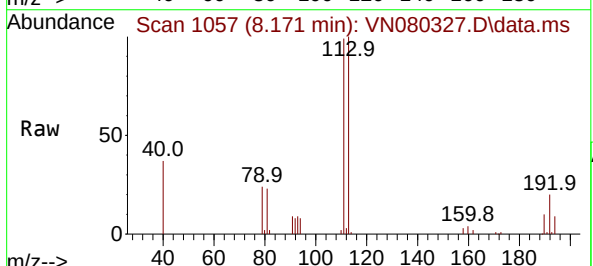
Tgt Ion:113 Resp: 102624

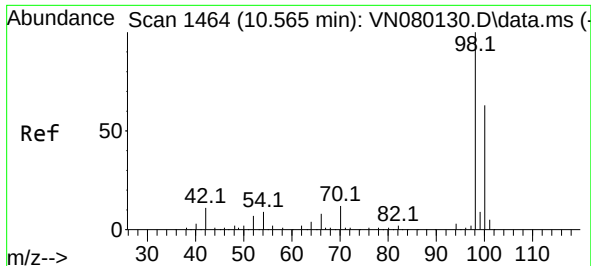
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 19.5 12.7 19.1#

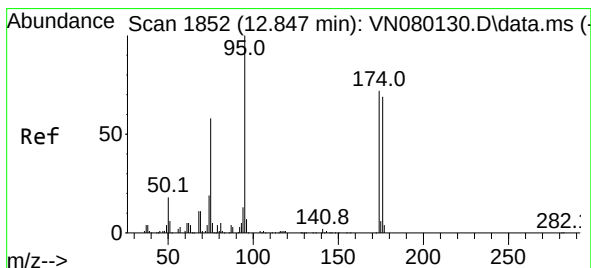
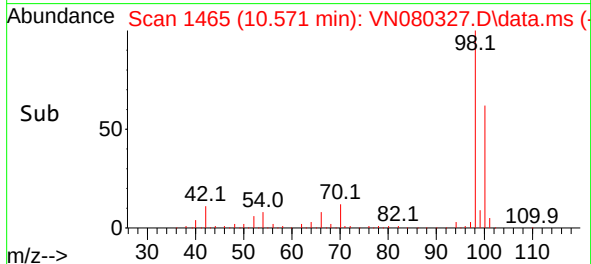
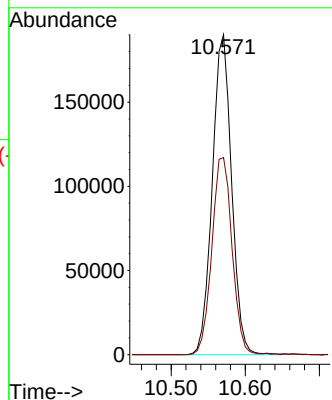
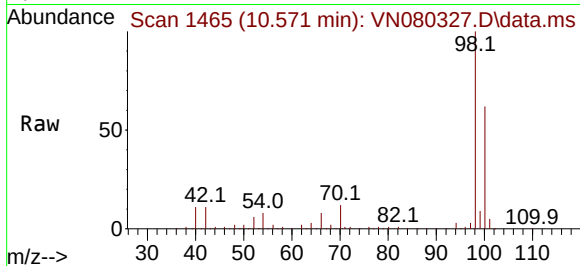




#50
Toluene-d8
Concen: 49.433 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080327.D
Acq: 04 Dec 2023 10:37

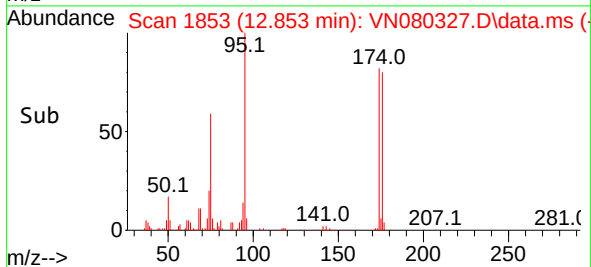
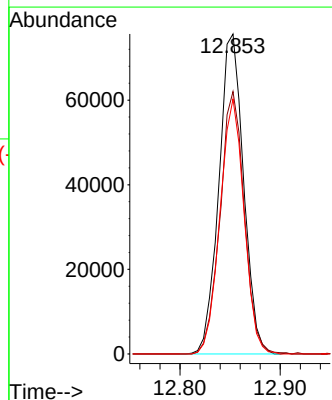
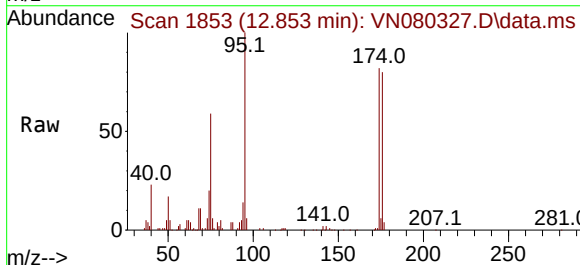
Instrument :
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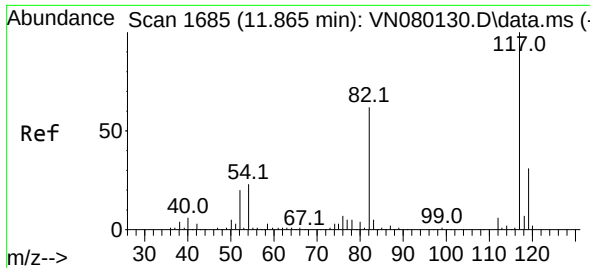
Tgt Ion: 98 Resp: 343764
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.111 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080327.D
Acq: 04 Dec 2023 10:37

Tgt Ion: 95 Resp: 128999
Ion Ratio Lower Upper
95 100
174 80.6 0.0 143.8
176 77.5 0.0 135.8

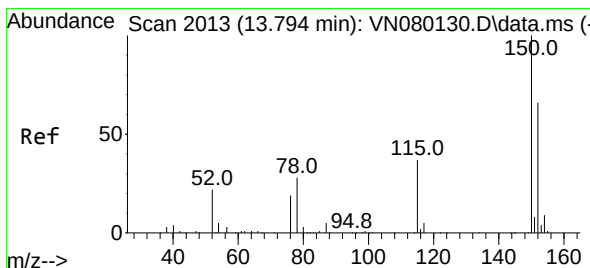
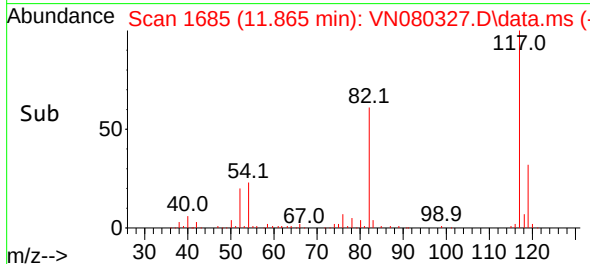
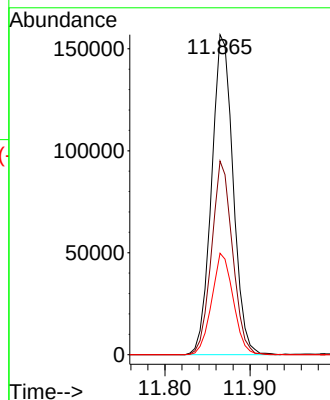
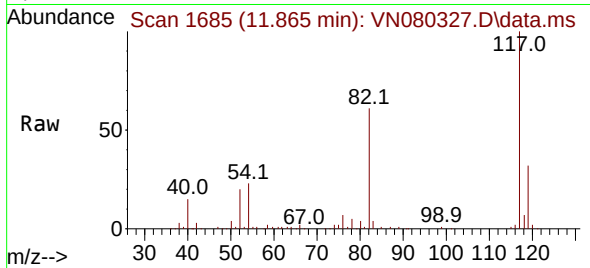




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080327.D
Acq: 04 Dec 2023 10:37

Instrument :
MSVOA_N
ClientSampleId :
VN1204MBL01

Tgt Ion:117 Resp: 275884
Ion Ratio Lower Upper
117 100
82 60.5 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: VN080327.D
Acq: 04 Dec 2023 10:37

Tgt Ion:152 Resp: 118997
Ion Ratio Lower Upper
152 100
115 64.9 32.3 96.8
150 158.7 0.0 355.8

