

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
 Data File : VN080186.D
 Acq On : 18 Nov 2023 15:19
 Operator : JC\MD
 Sample : 05425-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB20231114

Quant Time: Nov 20 01:26:15 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	8.229	168	152402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	300756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	142658	56.691	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.380%
35) Dibromofluoromethane	8.171	113	111811	53.171	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.340%
50) Toluene-d8	10.570	98	381645	50.346	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.853	95	145888	50.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.900%

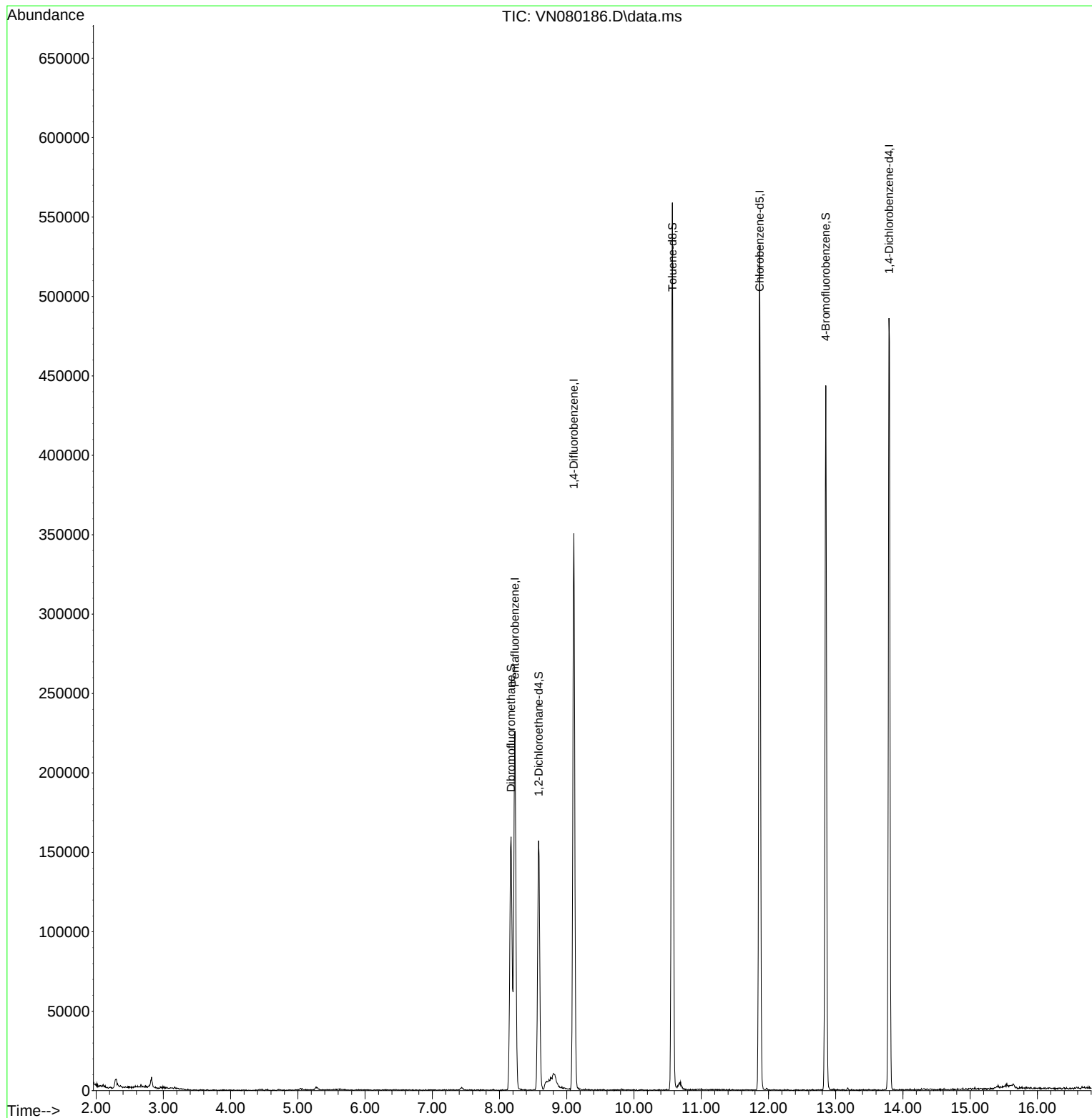
Target Compounds	Qvalue

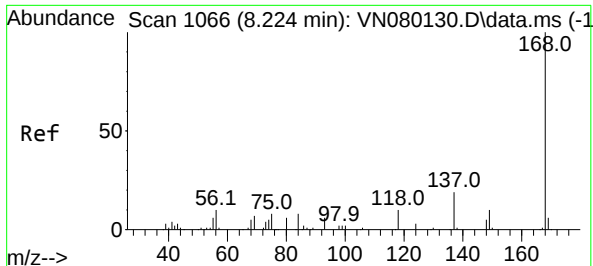
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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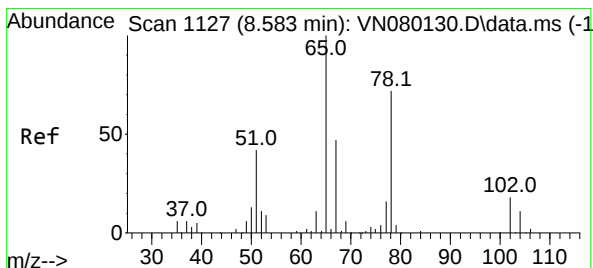
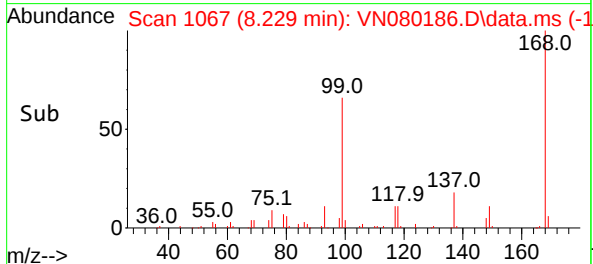
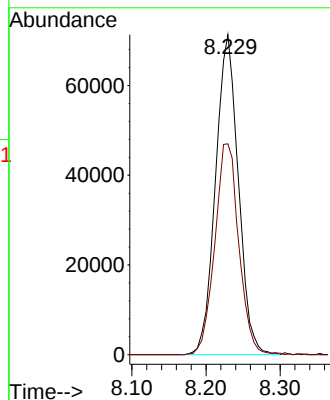
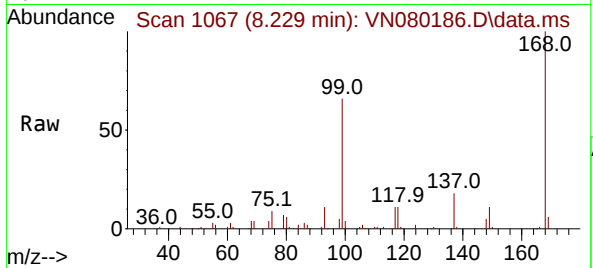




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080186.D
Acq: 18 Nov 2023 15:19

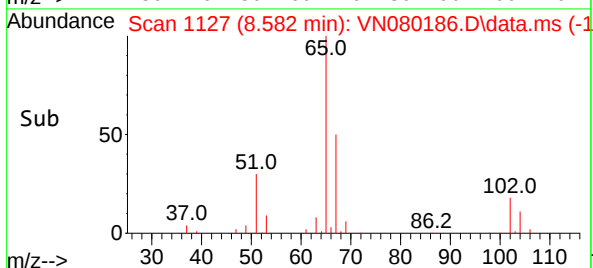
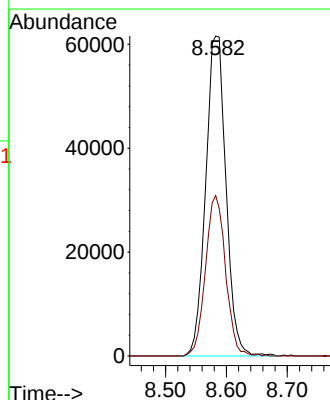
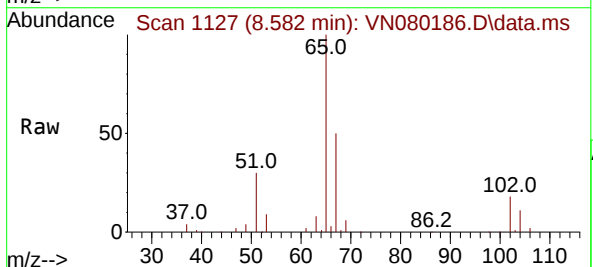
Instrument :
MSVOA_N
ClientSampleId :
EB20231114

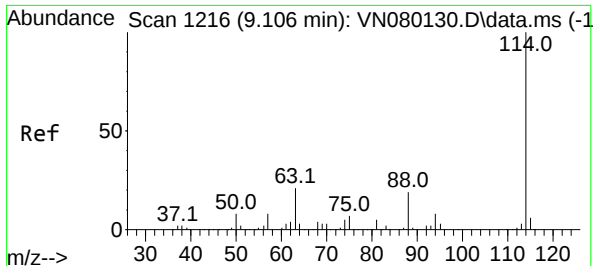
Tgt Ion:168 Resp: 152402
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 56.691 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080186.D
Acq: 18 Nov 2023 15:19

Tgt Ion: 65 Resp: 142658
Ion Ratio Lower Upper
65 100
67 49.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080186.D

Acq: 18 Nov 2023 15:19

Instrument :

MSVOA_N

ClientSampleId :

EB20231114

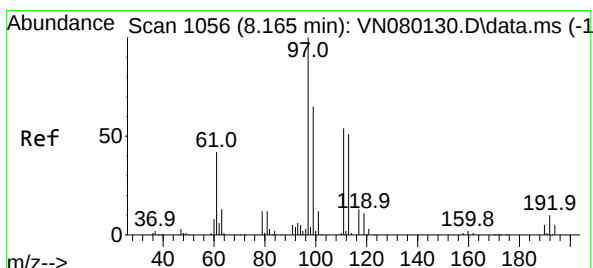
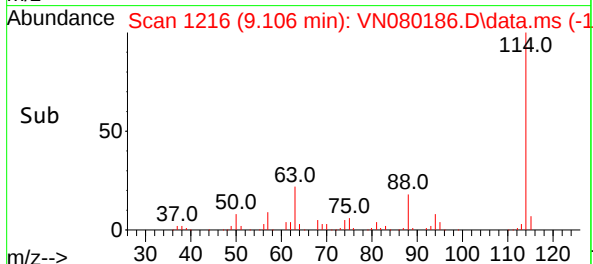
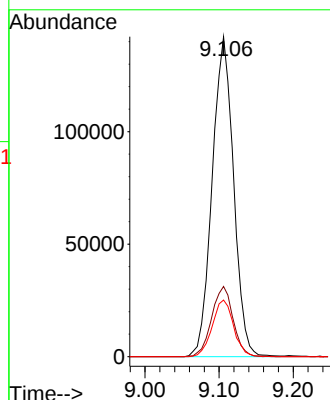
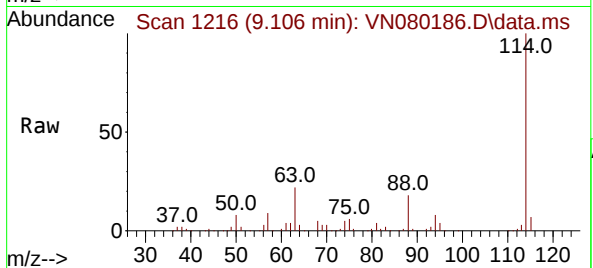
Tgt Ion:114 Resp: 284993

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 17.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.171 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080186.D

Acq: 18 Nov 2023 15:19

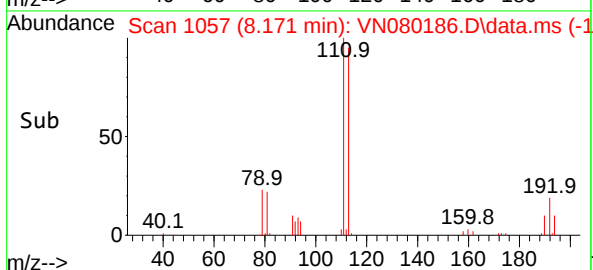
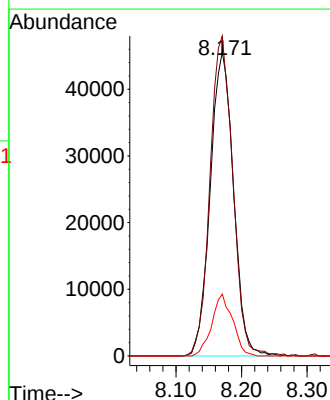
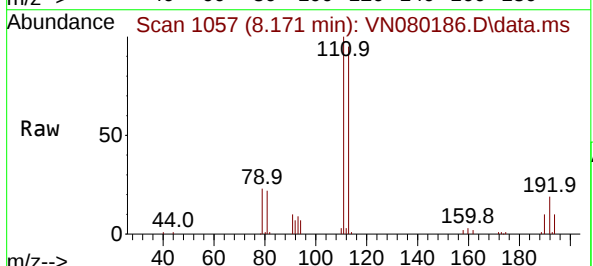
Tgt Ion:113 Resp: 111811

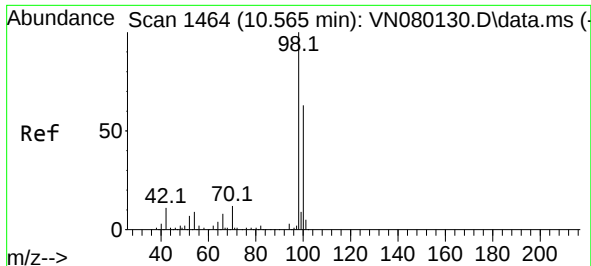
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 18.3 12.7 19.1

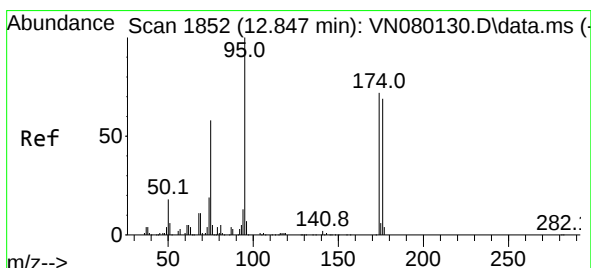
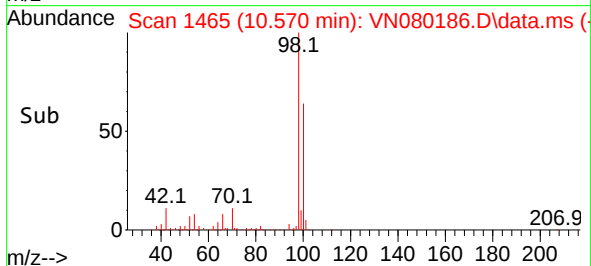
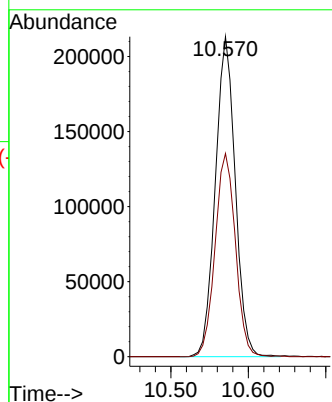
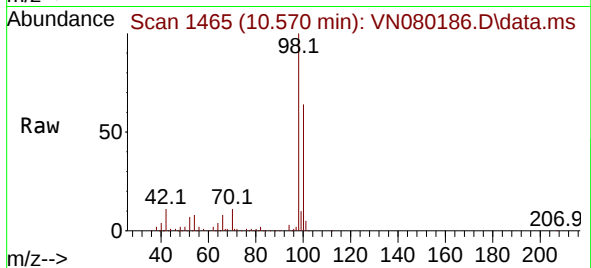




#50
Toluene-d8
Concen: 50.346 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080186.D
Acq: 18 Nov 2023 15:19

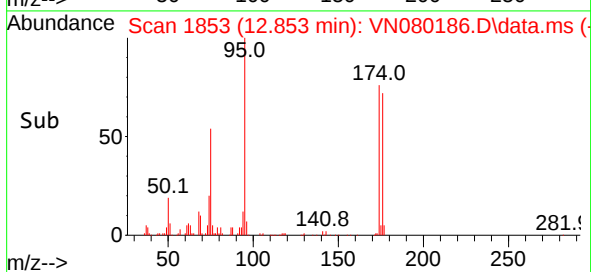
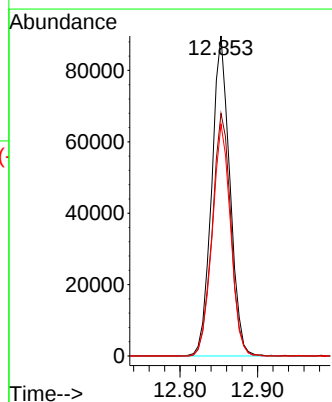
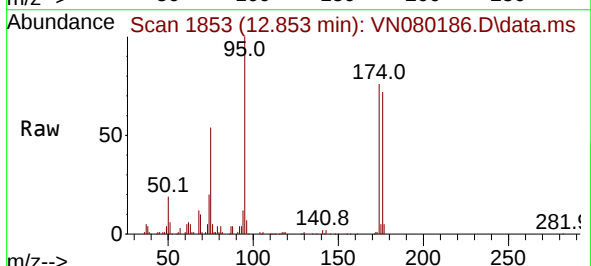
Instrument :
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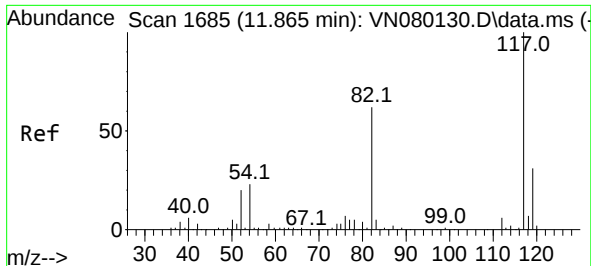
Tgt Ion: 98 Resp: 381645
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.952 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080186.D
Acq: 18 Nov 2023 15:19

Tgt Ion: 95 Resp: 145888
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 73.1 0.0 135.8

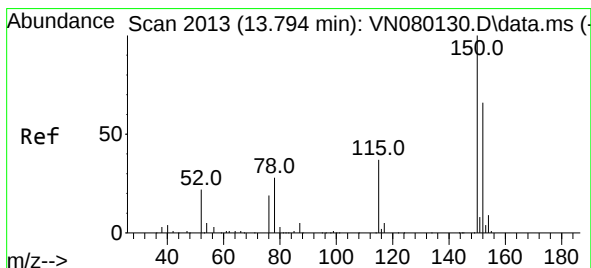
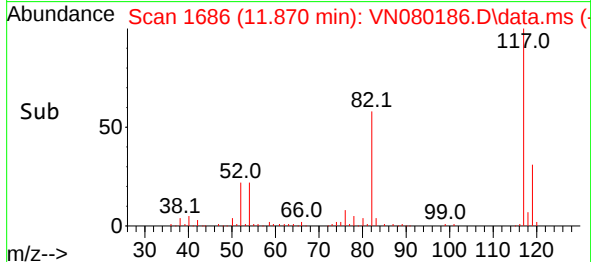
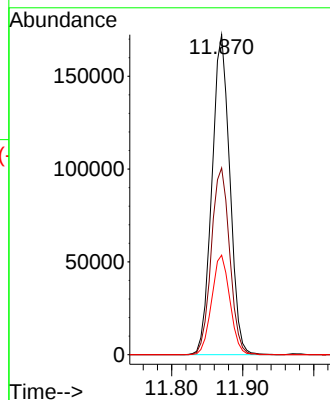
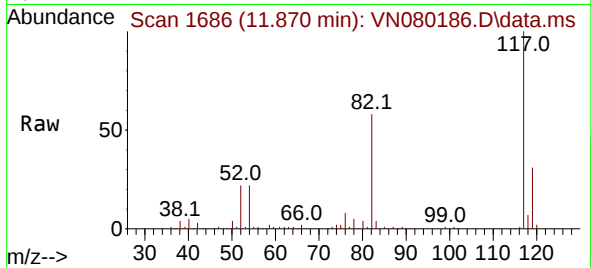




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080186.D
Acq: 18 Nov 2023 15:19

Instrument :
MSVOA_N
ClientSampleId :
EB20231114

Tgt Ion:117 Resp: 300756
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 31.1 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: VN080186.D
Acq: 18 Nov 2023 15:19

Tgt Ion:152 Resp: 131934
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 154.6 0.0 355.8

