

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079914.D
 Acq On : 06 Nov 2023 11:31
 Operator : JC\MD
 Sample : VN1106WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBL01

Quant Time: Nov 07 03:58:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	235459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	469429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	473643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181942	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	199897	55.724	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.440%
35) Dibromofluoromethane	8.171	113	163799	49.301	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.600%
50) Toluene-d8	10.571	98	563445	46.067	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.140%
62) 4-Bromofluorobenzene	12.853	95	188191	46.393	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.780%

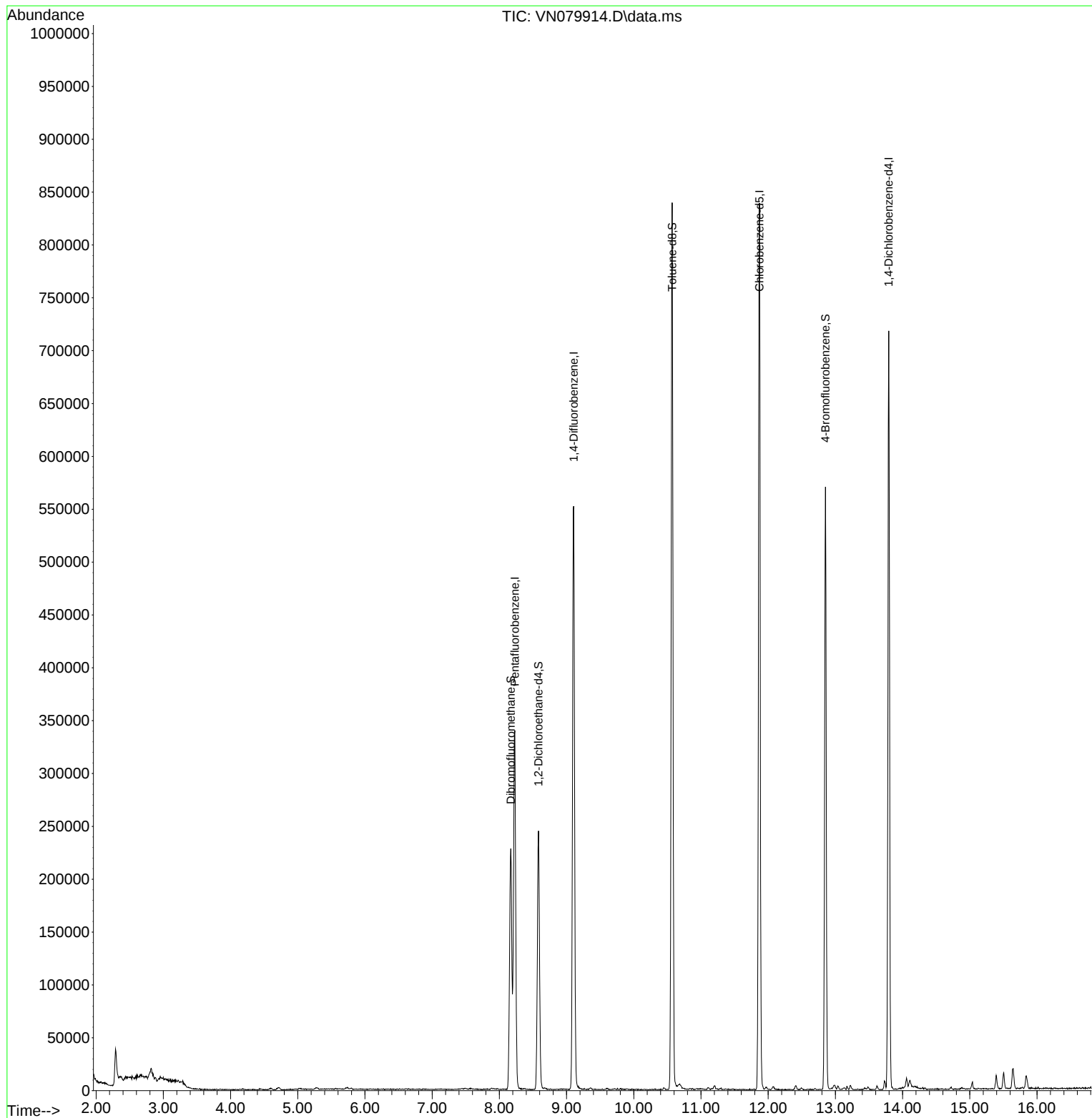
Target Compounds	Qvalue

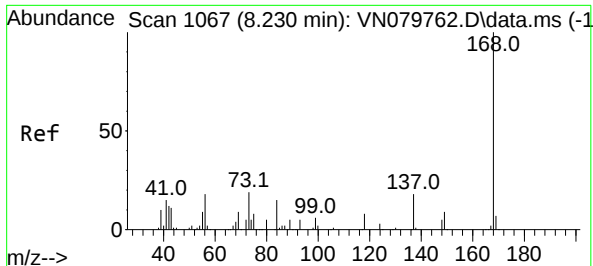
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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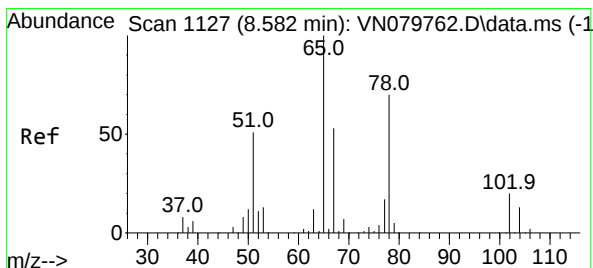
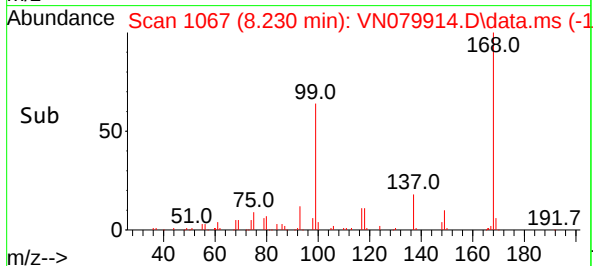
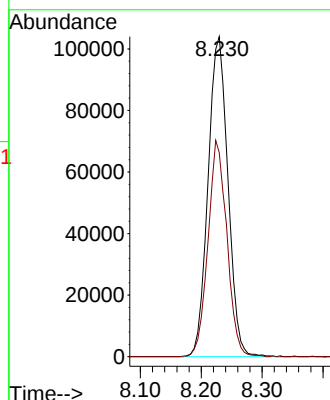
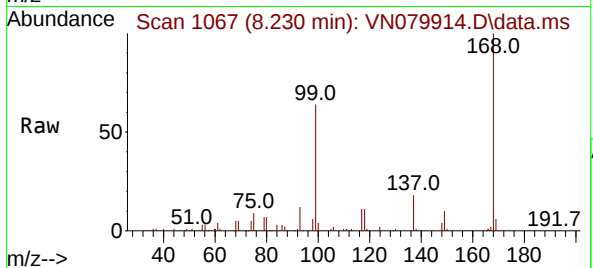




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079914.D
Acq: 06 Nov 2023 11:31

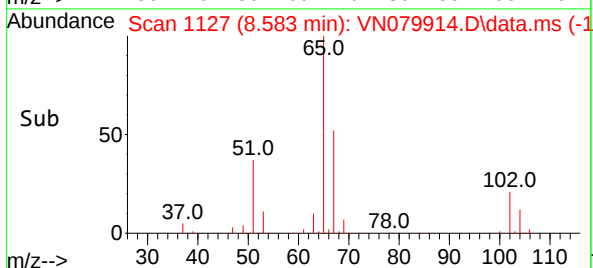
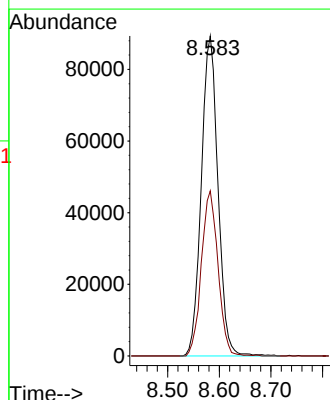
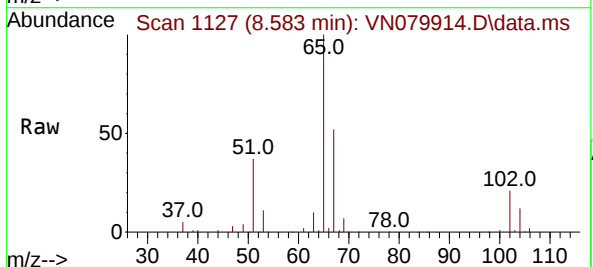
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBL01

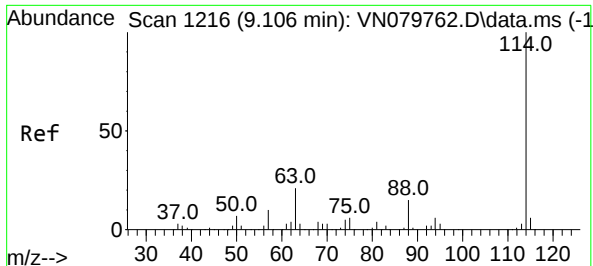
Tgt Ion:168 Resp: 235459
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.724 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079914.D
Acq: 06 Nov 2023 11:31

Tgt Ion: 65 Resp: 199897
Ion Ratio Lower Upper
65 100
67 51.5 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: VN079914.D

Acq: 06 Nov 2023 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBL01

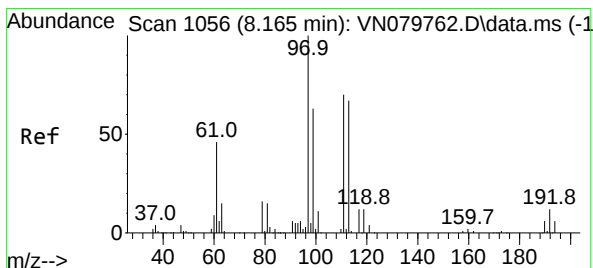
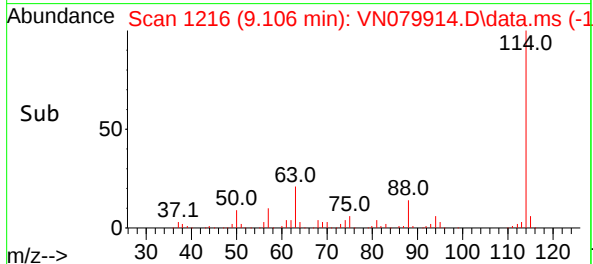
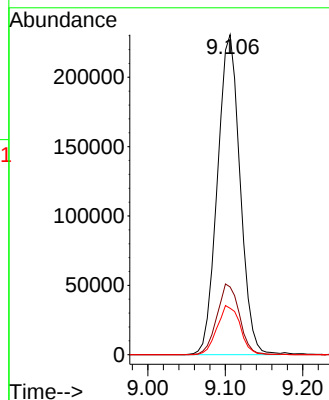
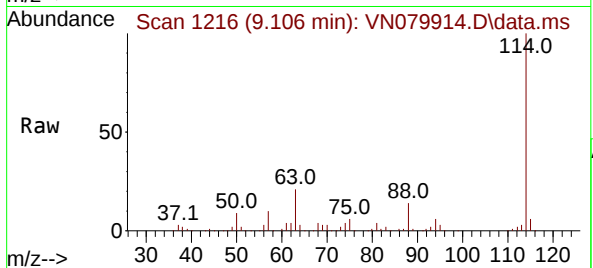
Tgt Ion:114 Resp: 469429

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.301 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079914.D

Acq: 06 Nov 2023 11:31

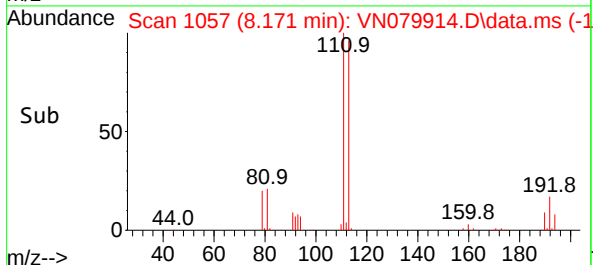
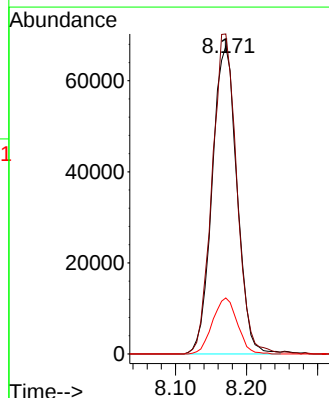
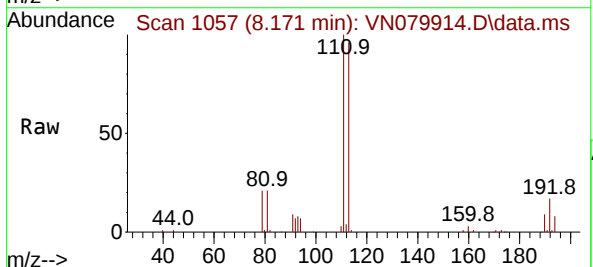
Tgt Ion:113 Resp: 163799

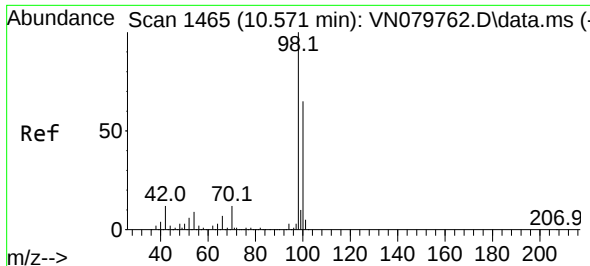
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 18.2 12.7 19.1

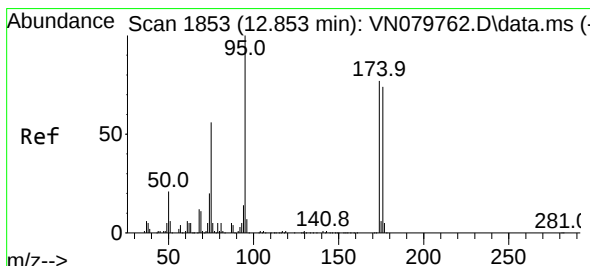
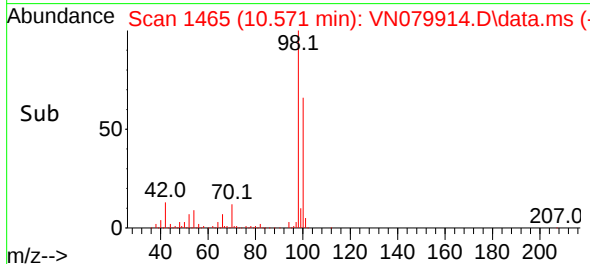
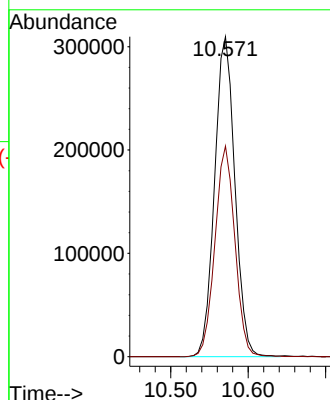
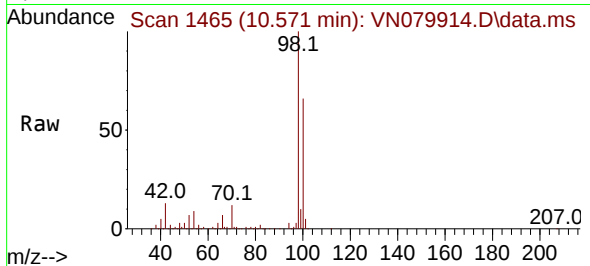




#50
Toluene-d8
Concen: 46.067 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079914.D
Acq: 06 Nov 2023 11:31

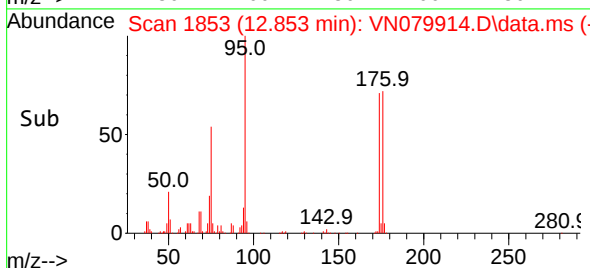
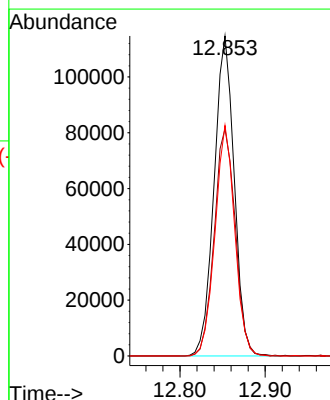
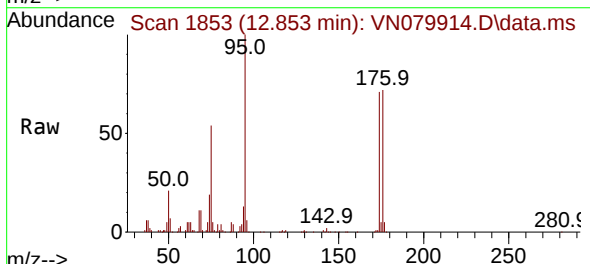
Instrument :
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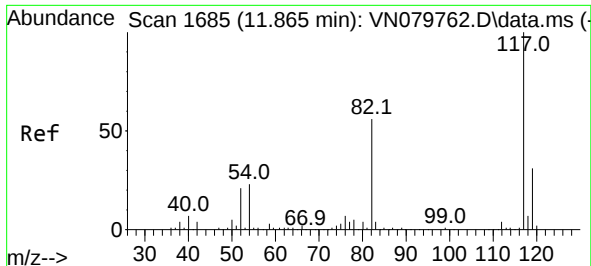
Tgt Ion: 98 Resp: 563445
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.393 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079914.D
Acq: 06 Nov 2023 11:31

Tgt Ion: 95 Resp: 188191
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 70.9 0.0 135.8

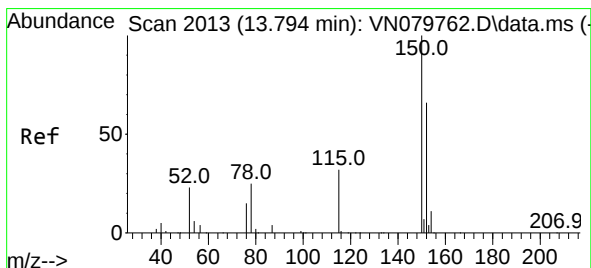
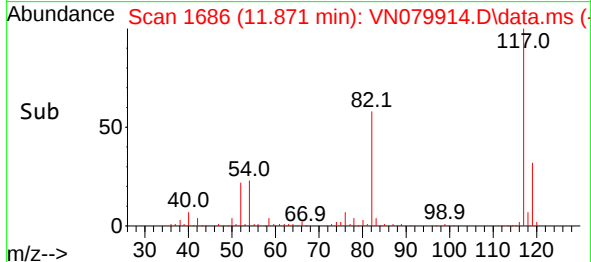
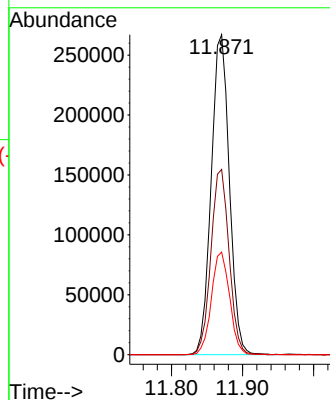
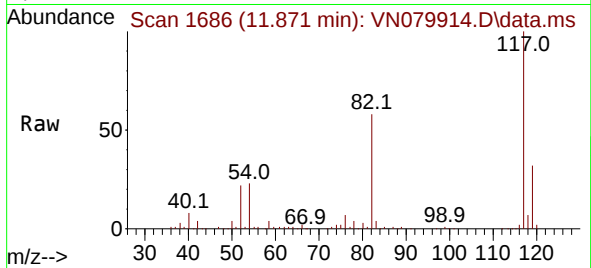




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079914.D
Acq: 06 Nov 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBL01

Tgt Ion:117 Resp: 473643
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 32.0 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: VN079914.D
Acq: 06 Nov 2023 11:31

Tgt Ion:152 Resp: 181942
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 158.0 0.0 355.8

