

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102423\
 Data File : VN079669.D
 Acq On : 24 Oct 2023 20:01
 Operator : JC\MD
 Sample : 05029-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 231010082-42

Quant Time: Oct 25 02:11:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	245324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	477347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	460736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	135790	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	208535	52.426	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.860%
35) Dibromofluoromethane	8.171	113	187422	54.636	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.280%
50) Toluene-d8	10.571	98	571673	46.058	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.120%
62) 4-Bromofluorobenzene	12.853	95	187938	47.181	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.360%

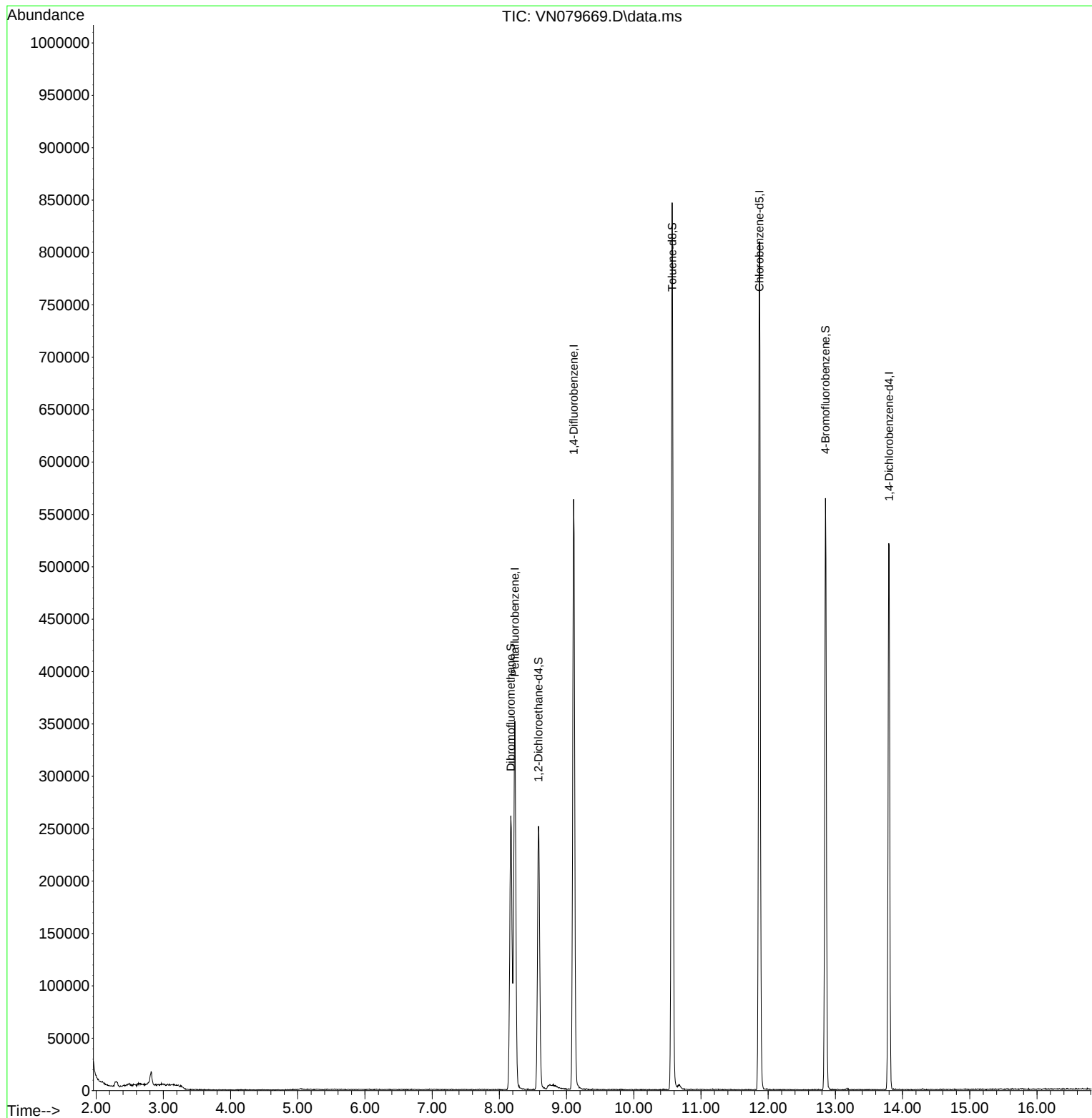
Target Compounds	Qvalue

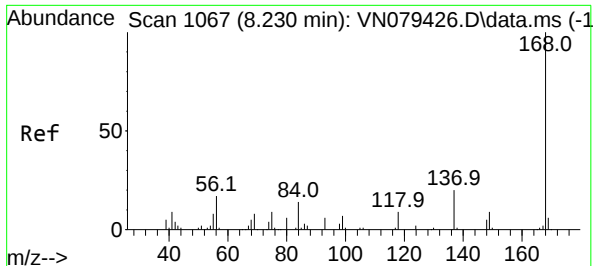
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
ClientSampleId :
231010082-42

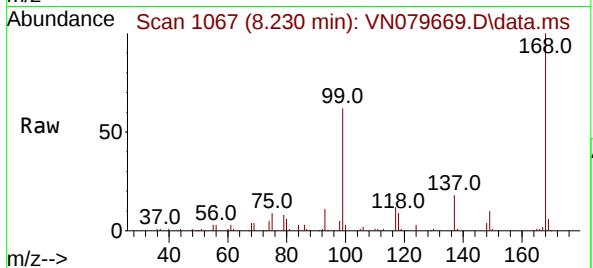
Quant Time: Oct 25 02:11:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
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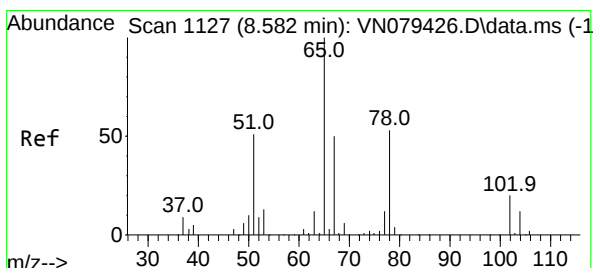
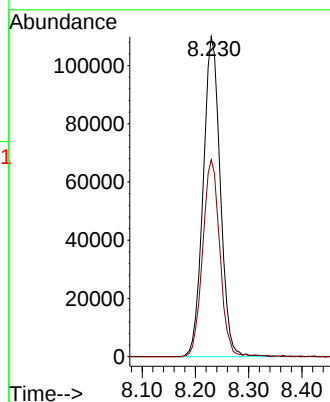
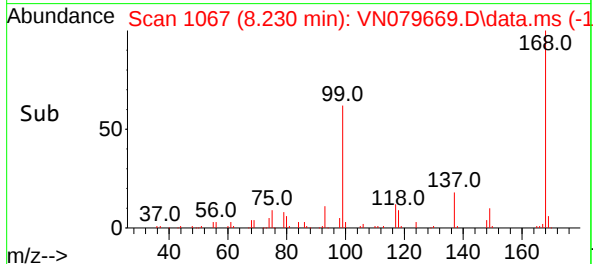


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01

Instrument :
MSVOA_N
ClientSampleId :
231010082-42

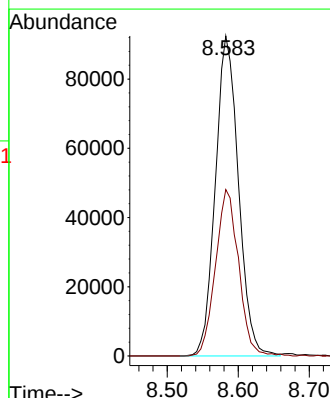
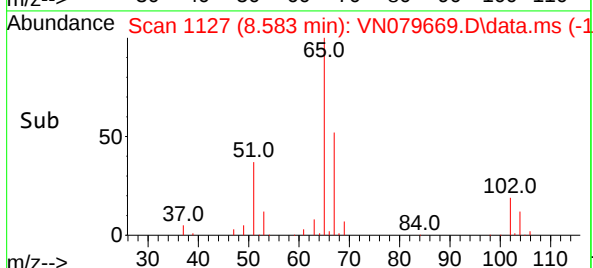
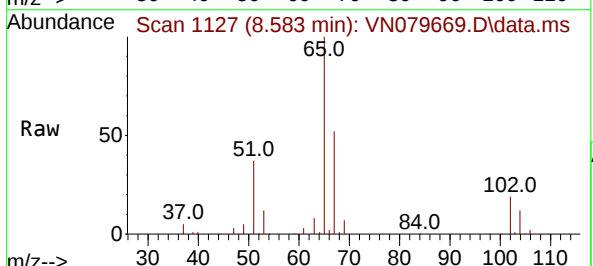


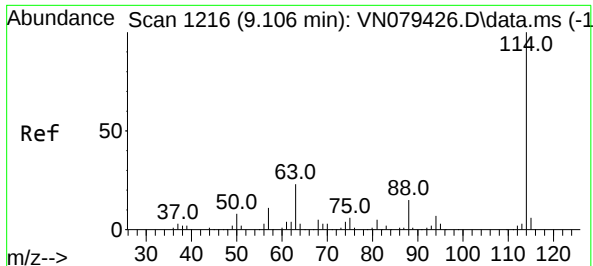
Tgt Ion:168 Resp: 245324
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.426 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01

Tgt Ion: 65 Resp: 208535
Ion Ratio Lower Upper
65 100
67 52.0 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: VN079669.D

Acq: 24 Oct 2023 20:01

Instrument :

MSVOA_N

ClientSampleId :

231010082-42

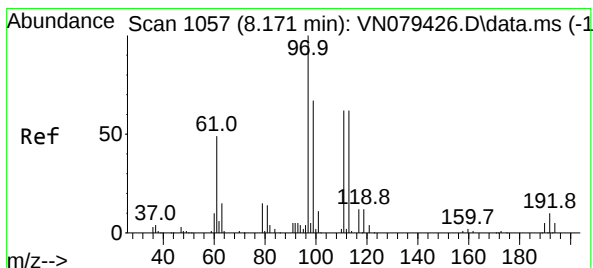
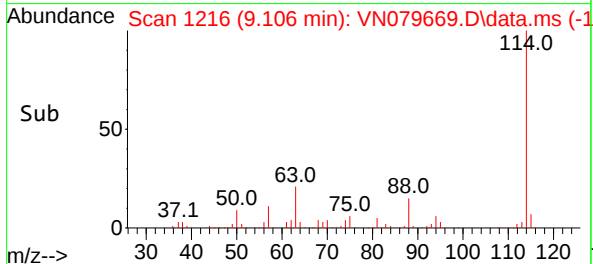
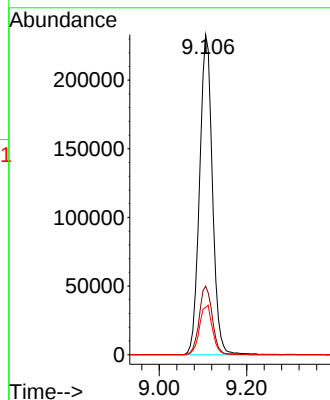
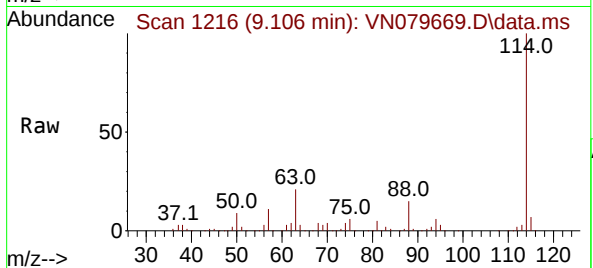
Tgt Ion:114 Resp: 477347

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.636 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079669.D

Acq: 24 Oct 2023 20:01

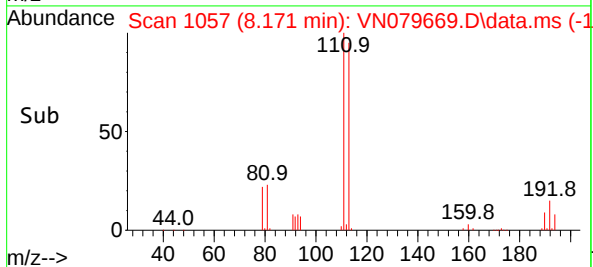
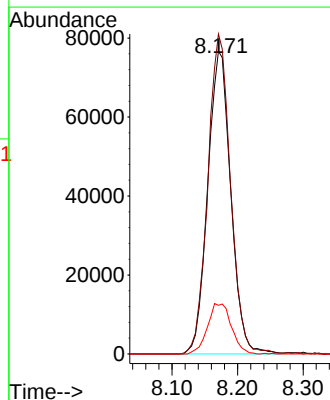
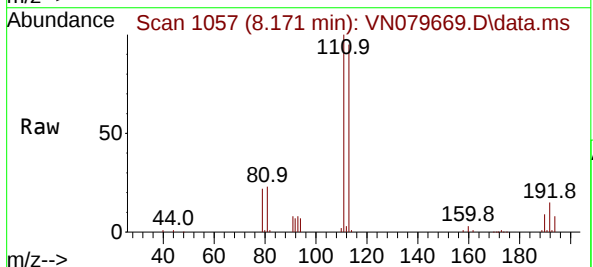
Tgt Ion:113 Resp: 187422

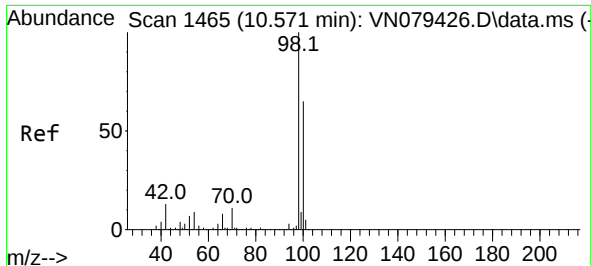
Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 17.2 12.7 19.1

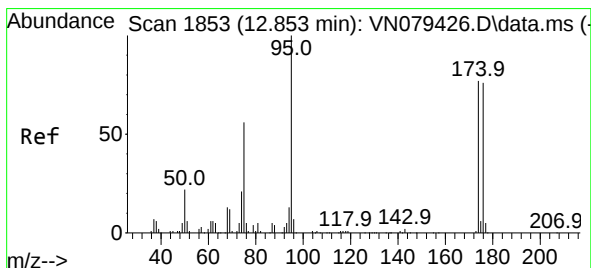
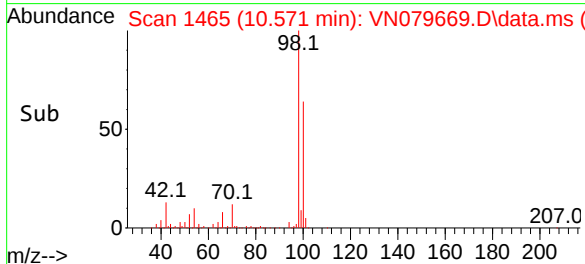
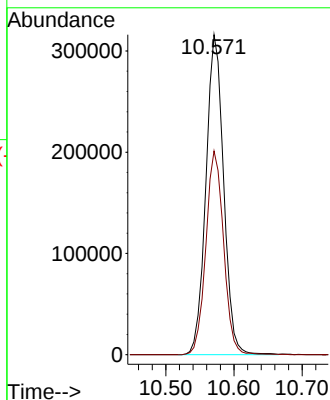
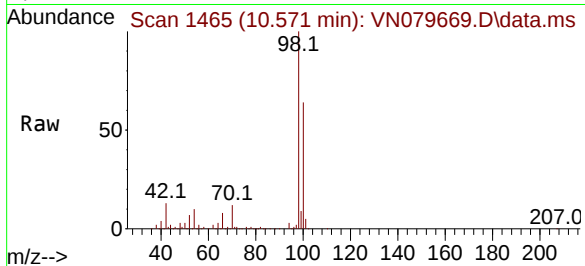




#50
Toluene-d8
Concen: 46.058 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01

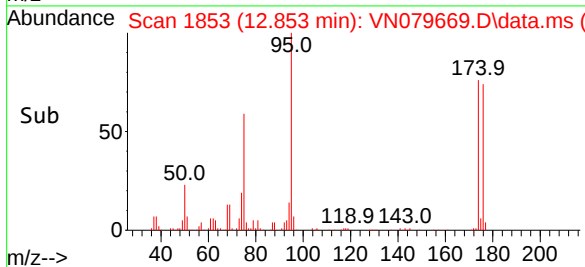
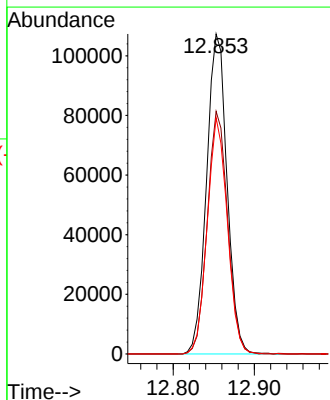
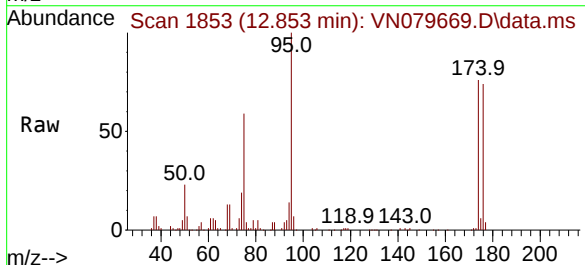
Instrument :
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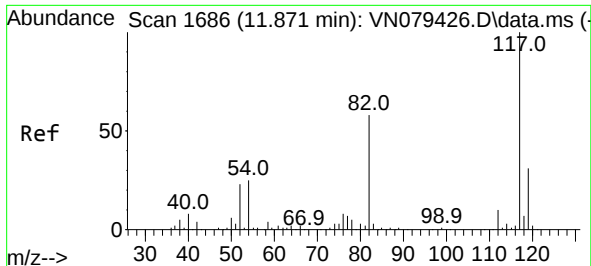
Tgt Ion: 98 Resp: 571673
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.181 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01

Tgt Ion: 95 Resp: 187938
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 72.4 0.0 135.8

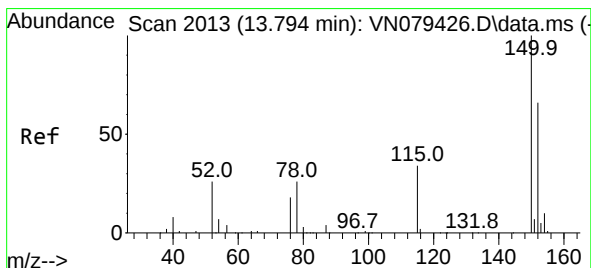
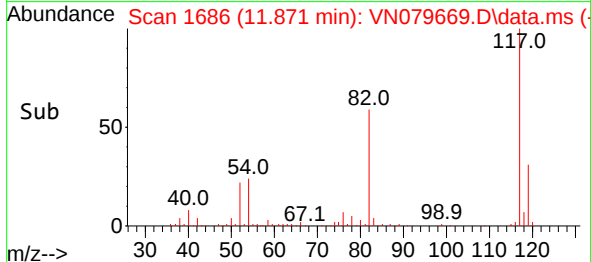
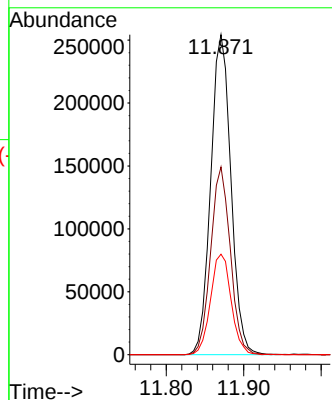
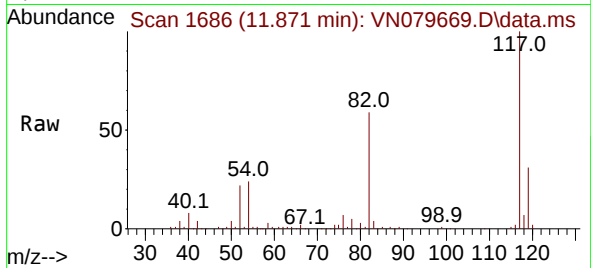




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01

Instrument :
MSVOA_N
ClientSampleId :
231010082-42

Tgt Ion:117 Resp: 460736
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079669.D
Acq: 24 Oct 2023 20:01

Tgt Ion:152 Resp: 135790
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 160.6 0.0 355.8

