

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079539.D
 Acq On : 12 Oct 2023 12:38
 Operator : JC\MD
 Sample : VN1012WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBL02

Quant Time: Oct 13 01:16:57 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	248742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	486600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	464096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	136638	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	209997	52.068	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.140%
35) Dibromofluoromethane	8.171	113	186527	53.341	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.680%
50) Toluene-d8	10.571	98	582167	46.011	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.853	95	187274	46.121	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.240%

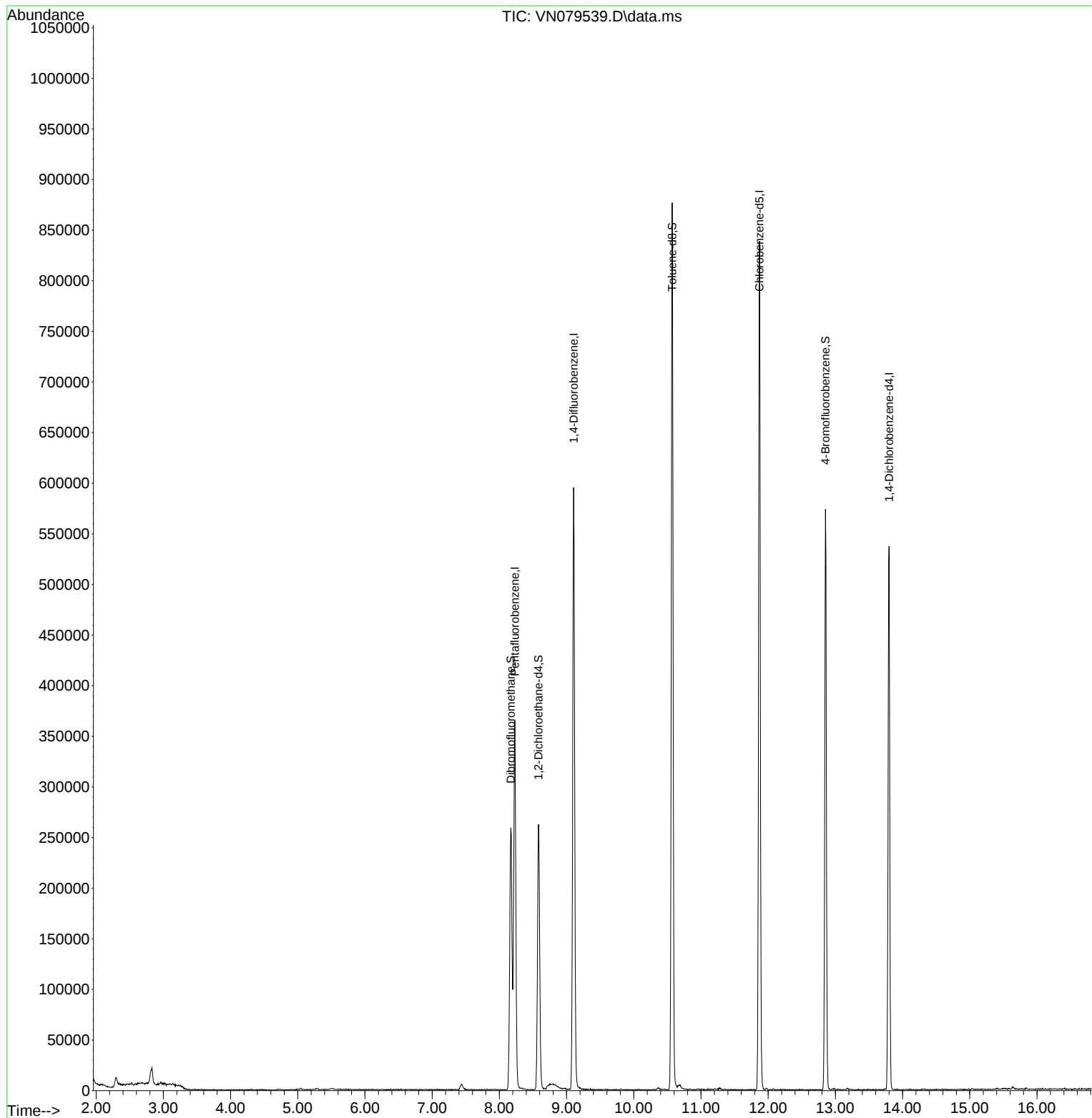
Target Compounds	Qvalue

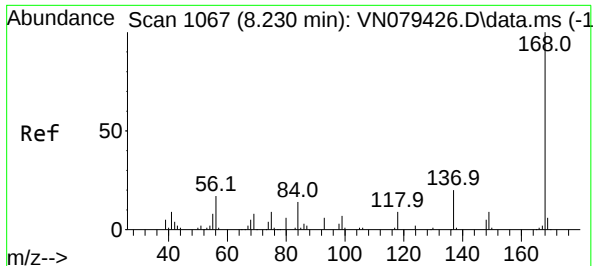
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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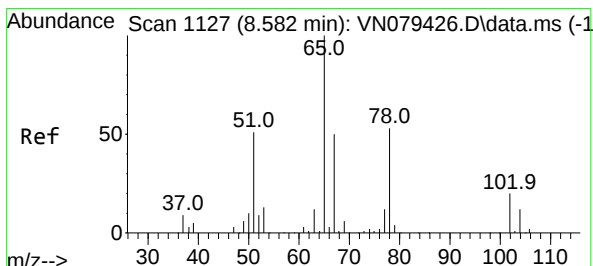
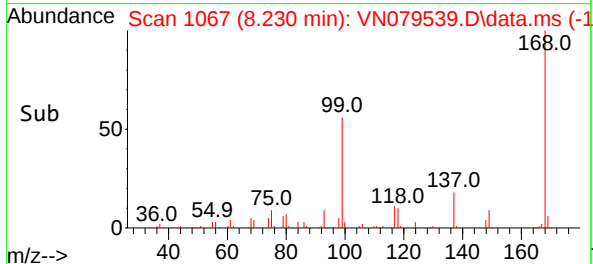
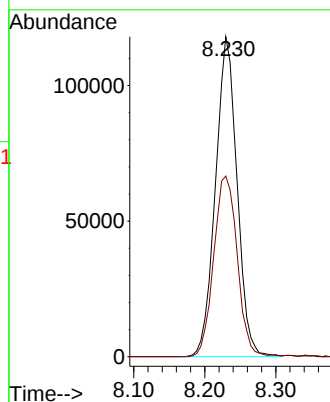
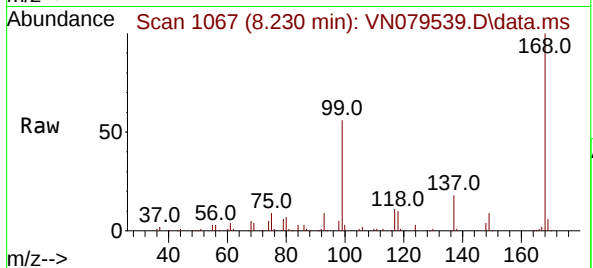




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

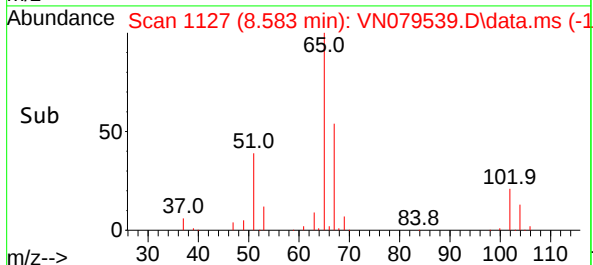
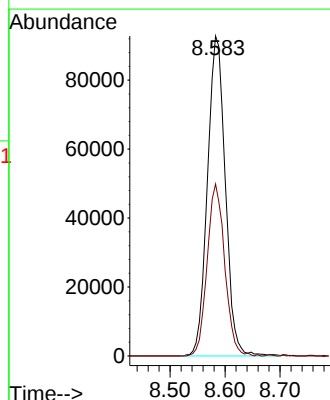
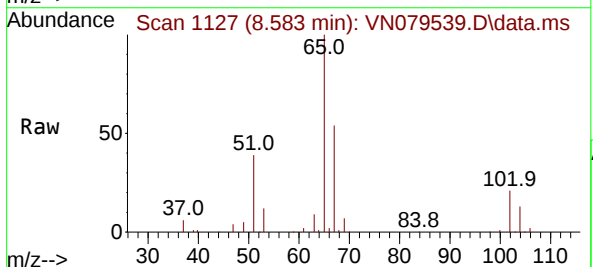
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBL02

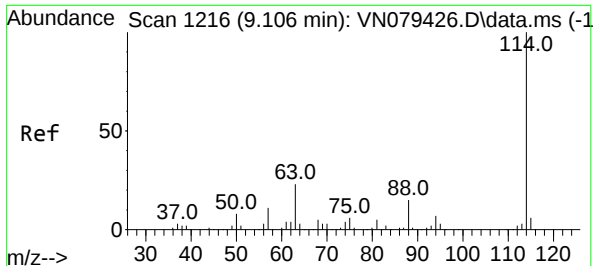
Tgt Ion:168 Resp: 248742
Ion Ratio Lower Upper
168 100
99 56.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.068 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 65 Resp: 209997
Ion Ratio Lower Upper
65 100
67 52.7 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: VN079539.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBL02

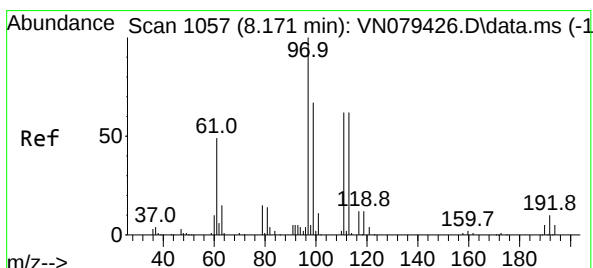
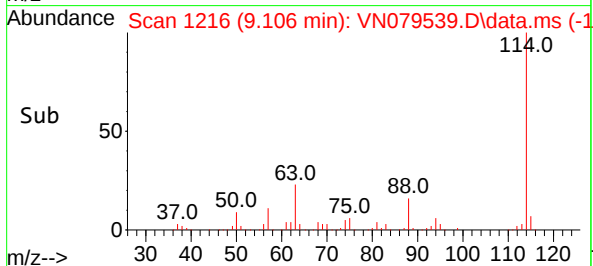
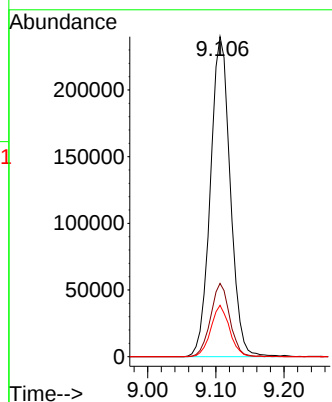
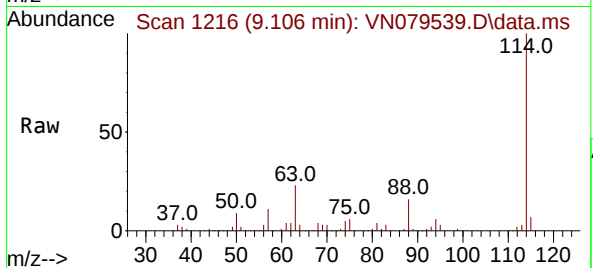
Tgt Ion:114 Resp: 486600

Ion Ratio Lower Upper

114 100

63 22.9 0.0 36.4

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.341 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079539.D

Acq: 12 Oct 2023 12:38

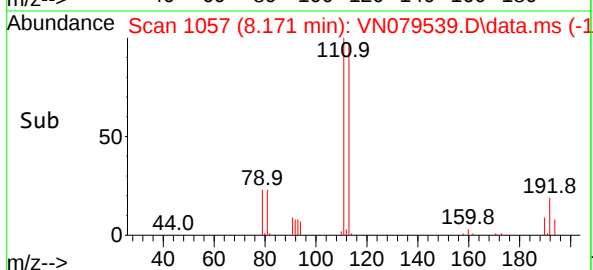
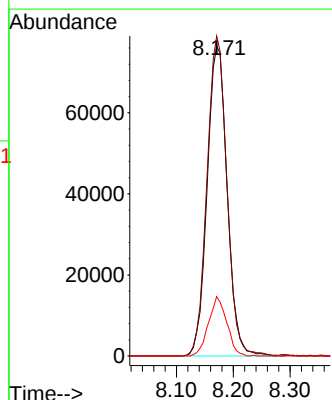
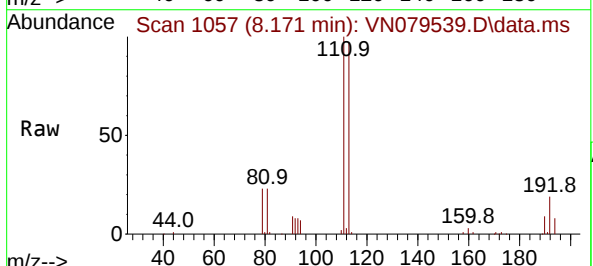
Tgt Ion:113 Resp: 186527

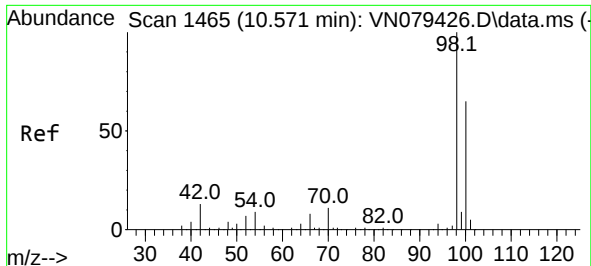
Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 17.5 12.7 19.1

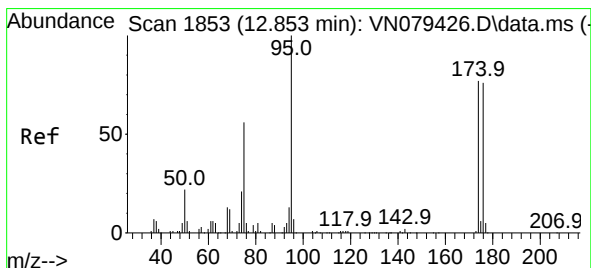
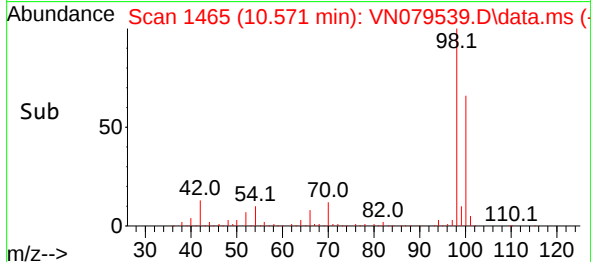
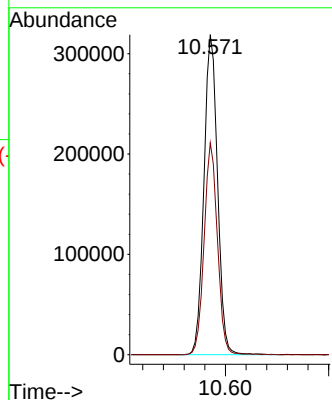
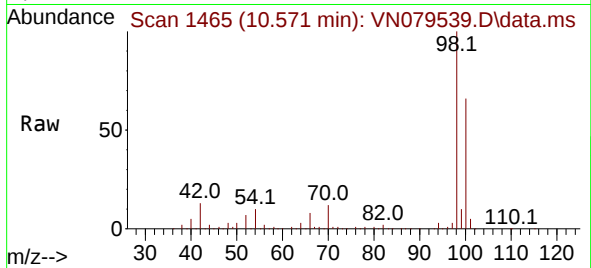




#50
Toluene-d8
Concen: 46.011 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

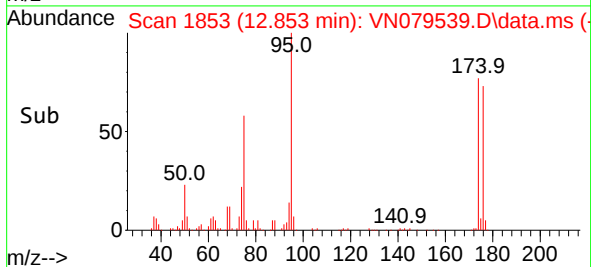
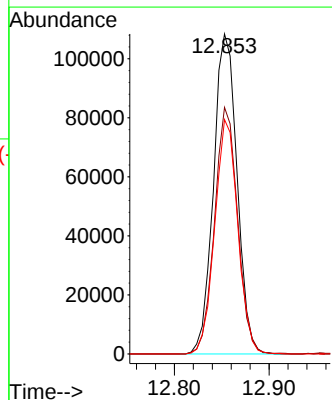
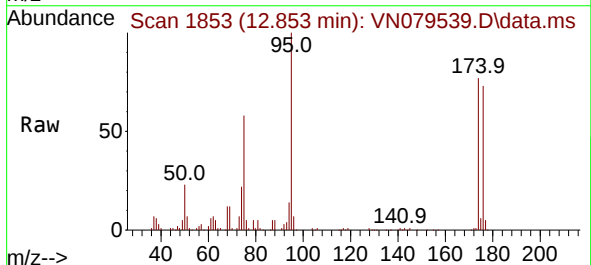
Instrument :
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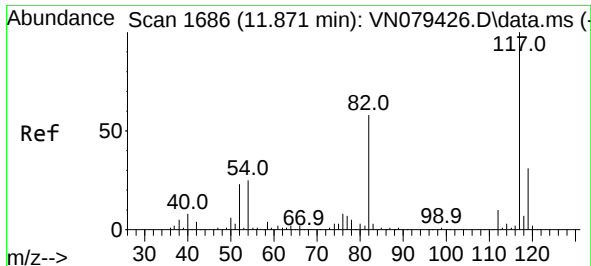
Tgt Ion: 98 Resp: 582167
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.121 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 95 Resp: 187274
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 71.8 0.0 135.8

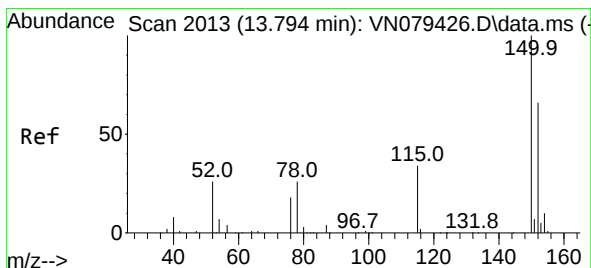
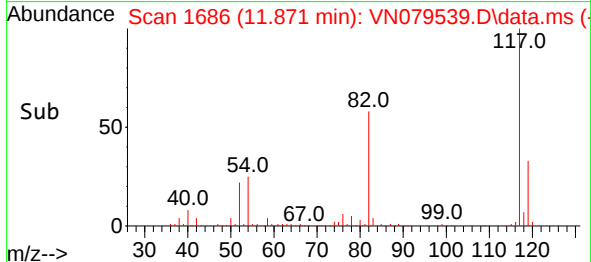
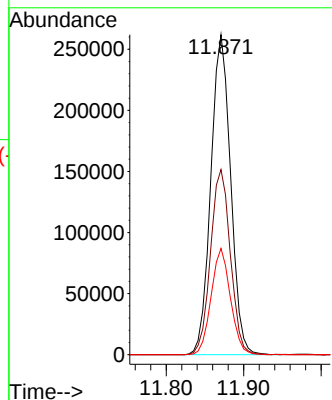
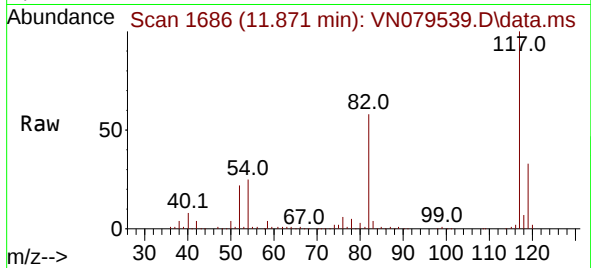




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079539.D
Acq: 12 Oct 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBL02

Tgt Ion:117 Resp: 464096
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 33.2 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: VN079539.D
Acq: 12 Oct 2023 12:38

Tgt Ion:152 Resp: 136638
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 159.9 0.0 355.8

