

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079511.D
 Acq On : 11 Oct 2023 12:38
 Operator : JC\MD
 Sample : VN1011WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBL01

Quant Time: Oct 12 06:06:23 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	307687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	589738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	556780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184209	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	240025	48.112	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.220%
35) Dibromofluoromethane	8.171	113	214373	50.583	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.160%
50) Toluene-d8	10.571	98	692546	45.162	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.320%
62) 4-Bromofluorobenzene	12.853	95	239330	48.633	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.260%

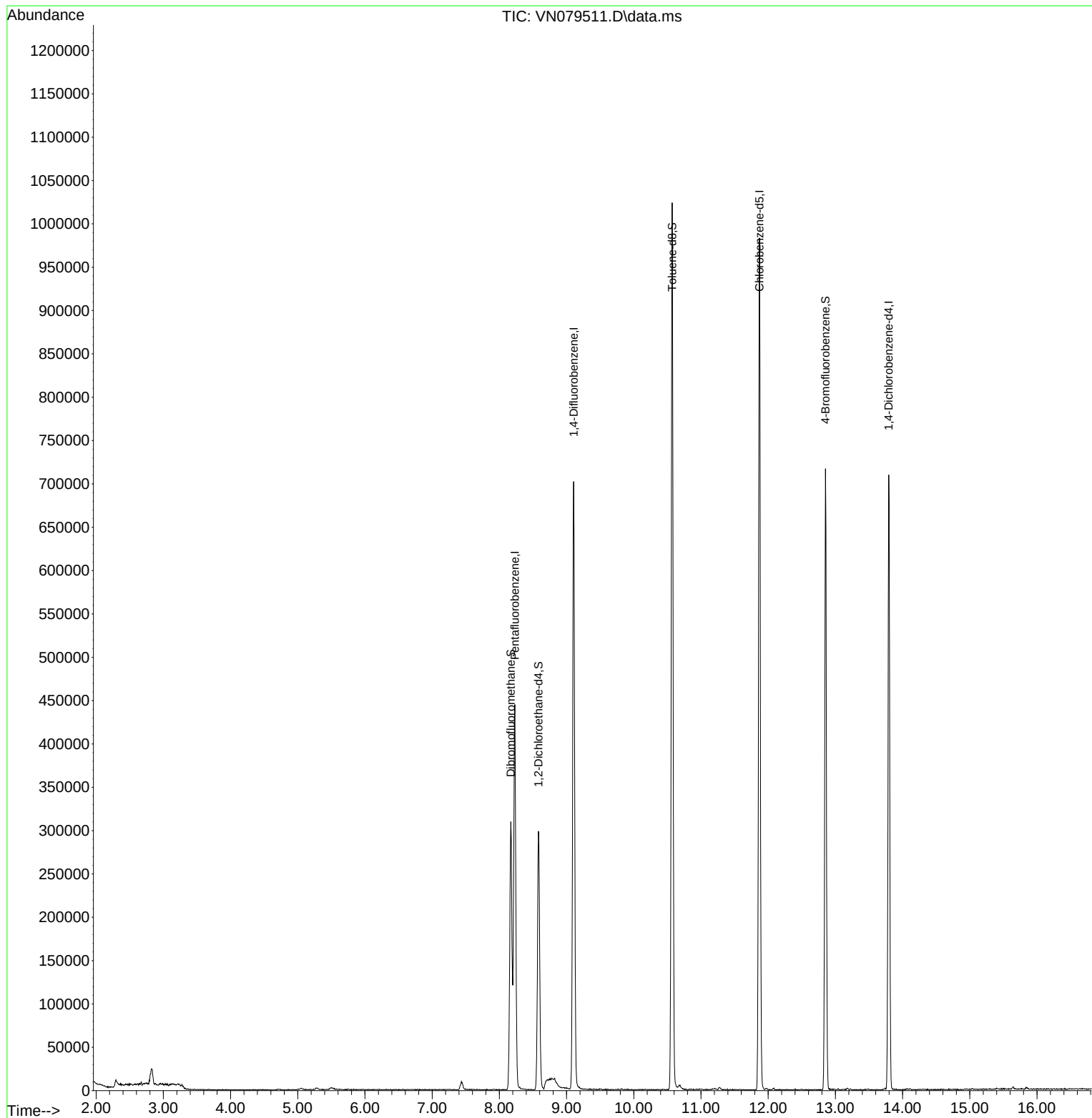
Target Compounds	Qvalue

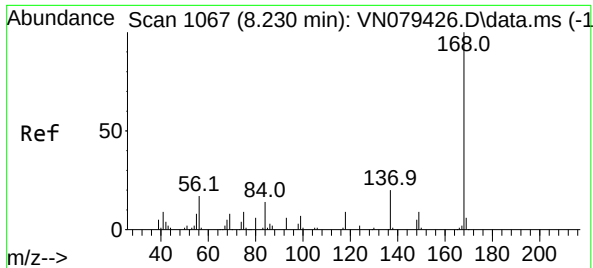
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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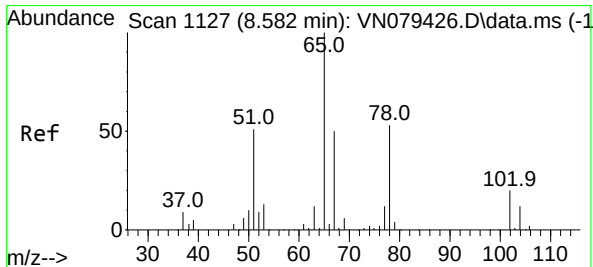
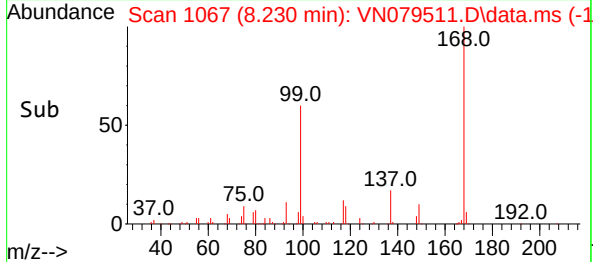
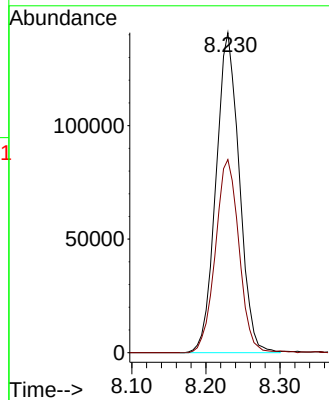
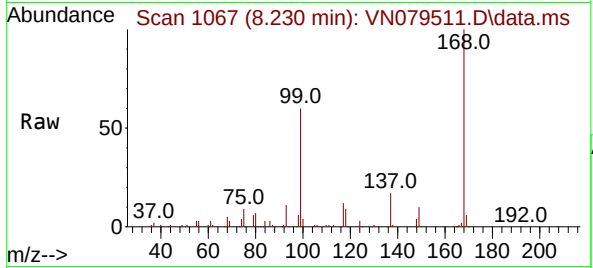




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079511.D
Acq: 11 Oct 2023 12:38

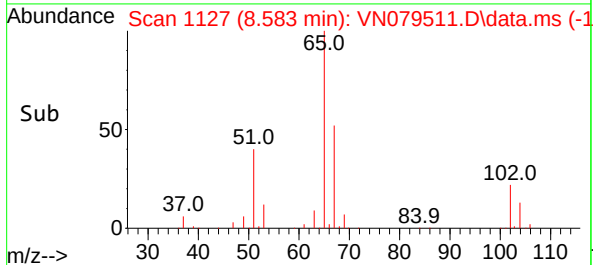
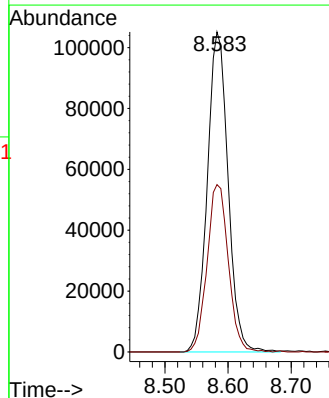
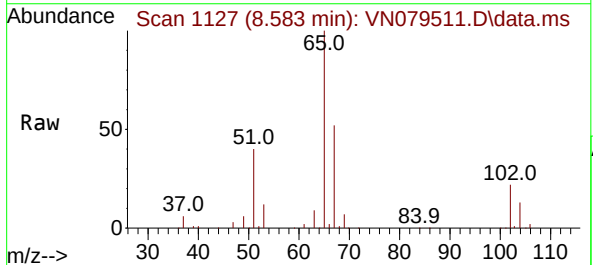
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBL01

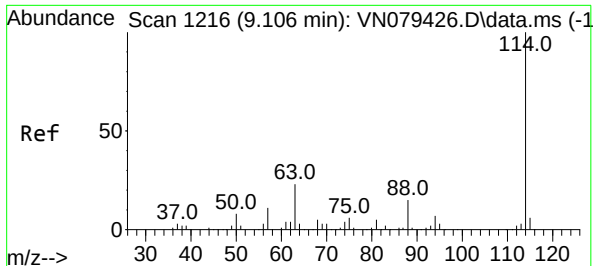
Tgt Ion:168 Resp: 307687
Ion Ratio Lower Upper
168 100
99 60.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.112 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079511.D
Acq: 11 Oct 2023 12:38

Tgt Ion: 65 Resp: 240025
Ion Ratio Lower Upper
65 100
67 53.4 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: VN079511.D

Acq: 11 Oct 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBL01

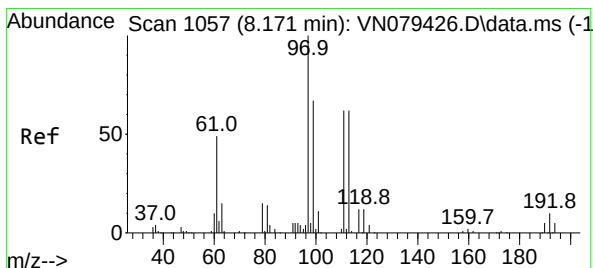
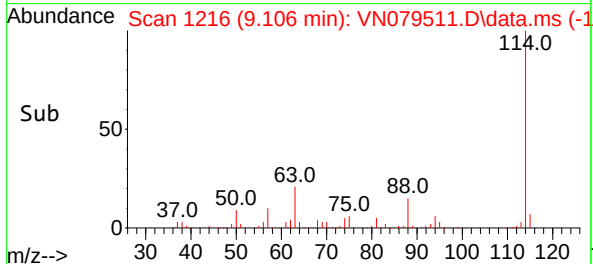
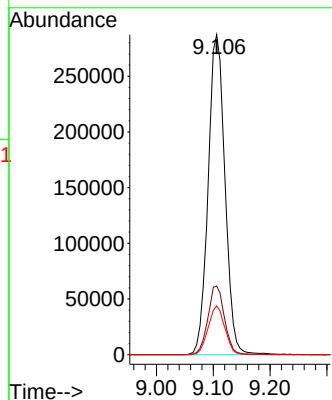
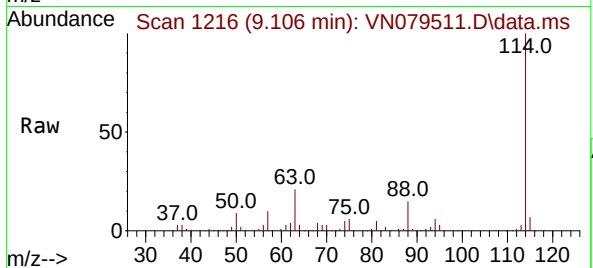
Tgt Ion:114 Resp: 589738

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.583 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079511.D

Acq: 11 Oct 2023 12:38

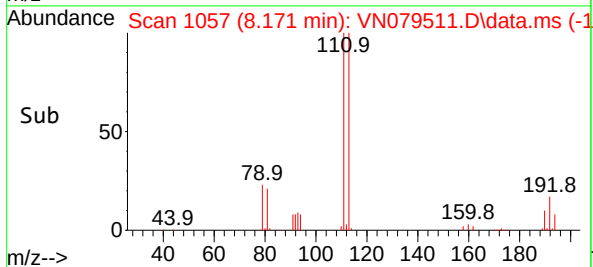
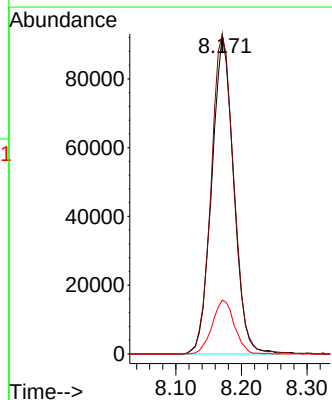
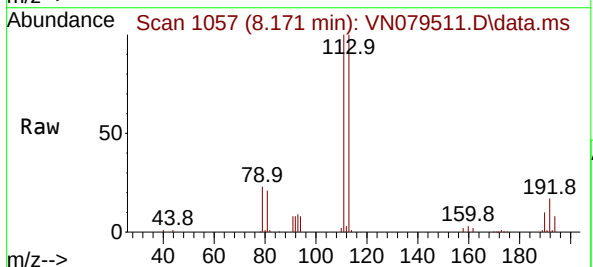
Tgt Ion:113 Resp: 214373

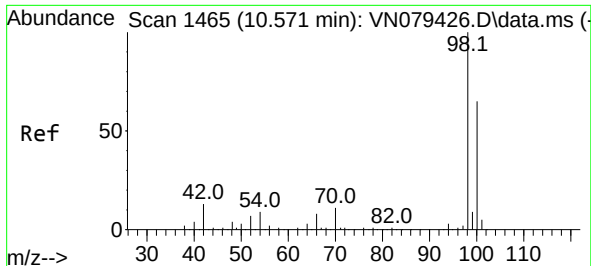
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 17.2 12.7 19.1

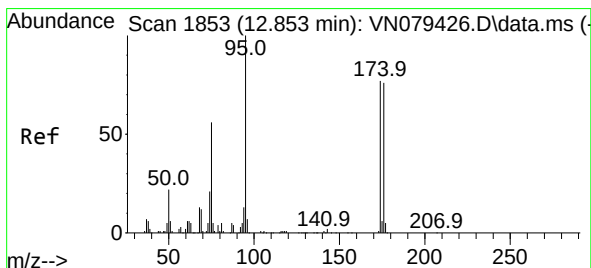
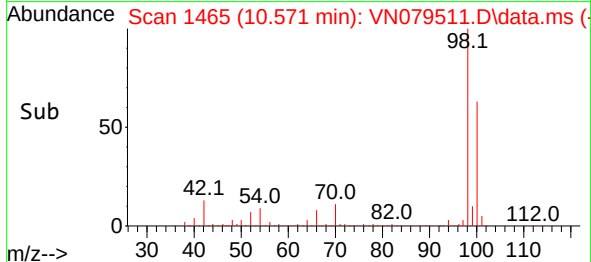
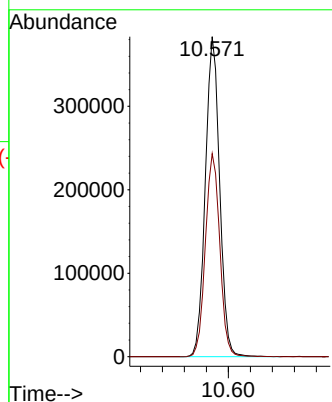
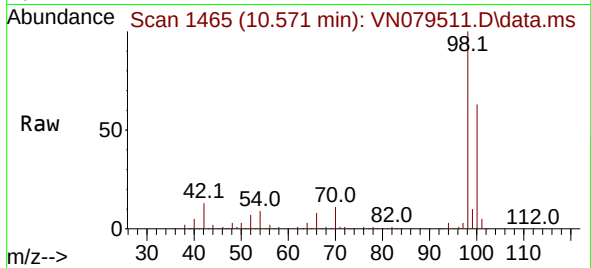




#50
Toluene-d8
Concen: 45.162 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079511.D
Acq: 11 Oct 2023 12:38

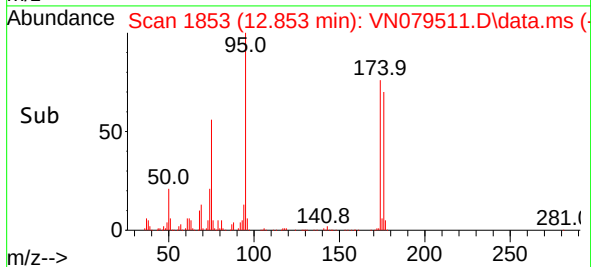
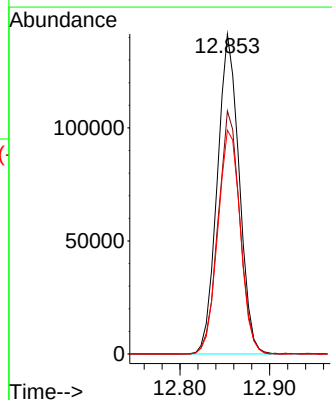
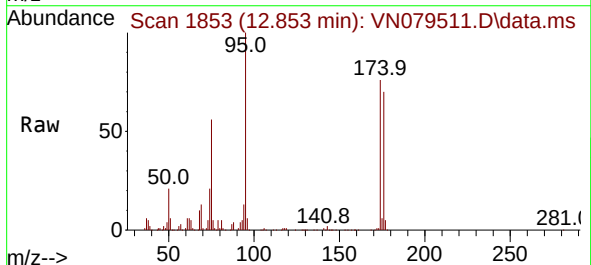
Instrument :
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VN1011WBL01

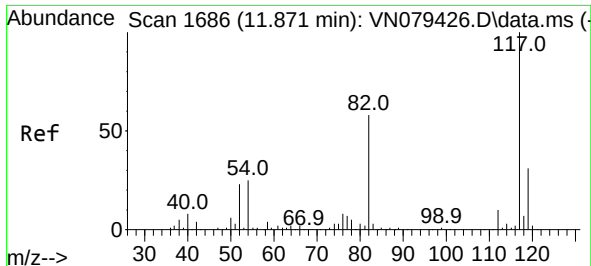
Tgt Ion: 98 Resp: 692546
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.633 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079511.D
Acq: 11 Oct 2023 12:38

Tgt Ion: 95 Resp: 239330
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 72.1 0.0 135.8

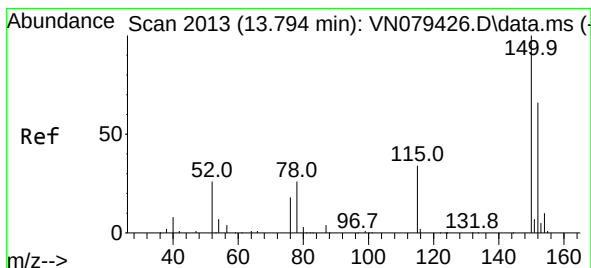
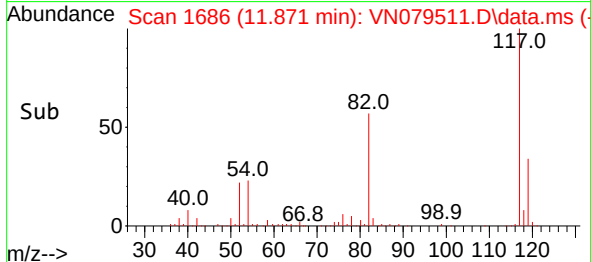
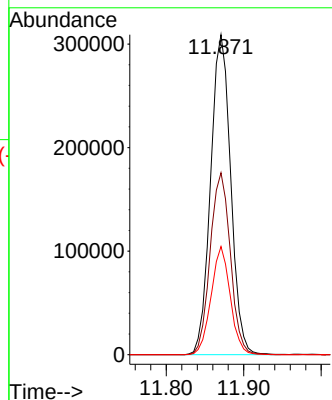
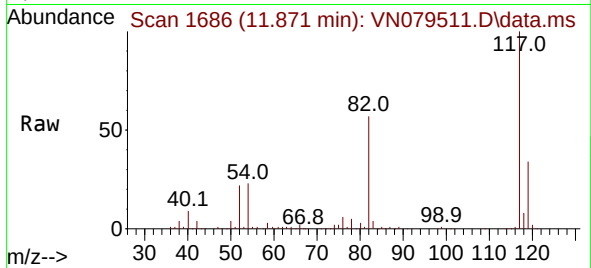




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079511.D
Acq: 11 Oct 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBL01

Tgt Ion:117 Resp: 556780
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 33.8 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: VN079511.D
Acq: 11 Oct 2023 12:38

Tgt Ion:152 Resp: 184209
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 158.4 0.0 355.8

