

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092823\
 Data File : VN079370.D
 Acq On : 28 Sep 2023 13:39
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 29 04:35:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	148944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	239584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	64652	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	125213	62.276	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	124.560%
35) Dibromofluoromethane	8.171	113	96998	52.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.680%
50) Toluene-d8	10.571	98	316327	46.482	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.960%
62) 4-Bromofluorobenzene	12.853	95	96000	44.224	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.440%

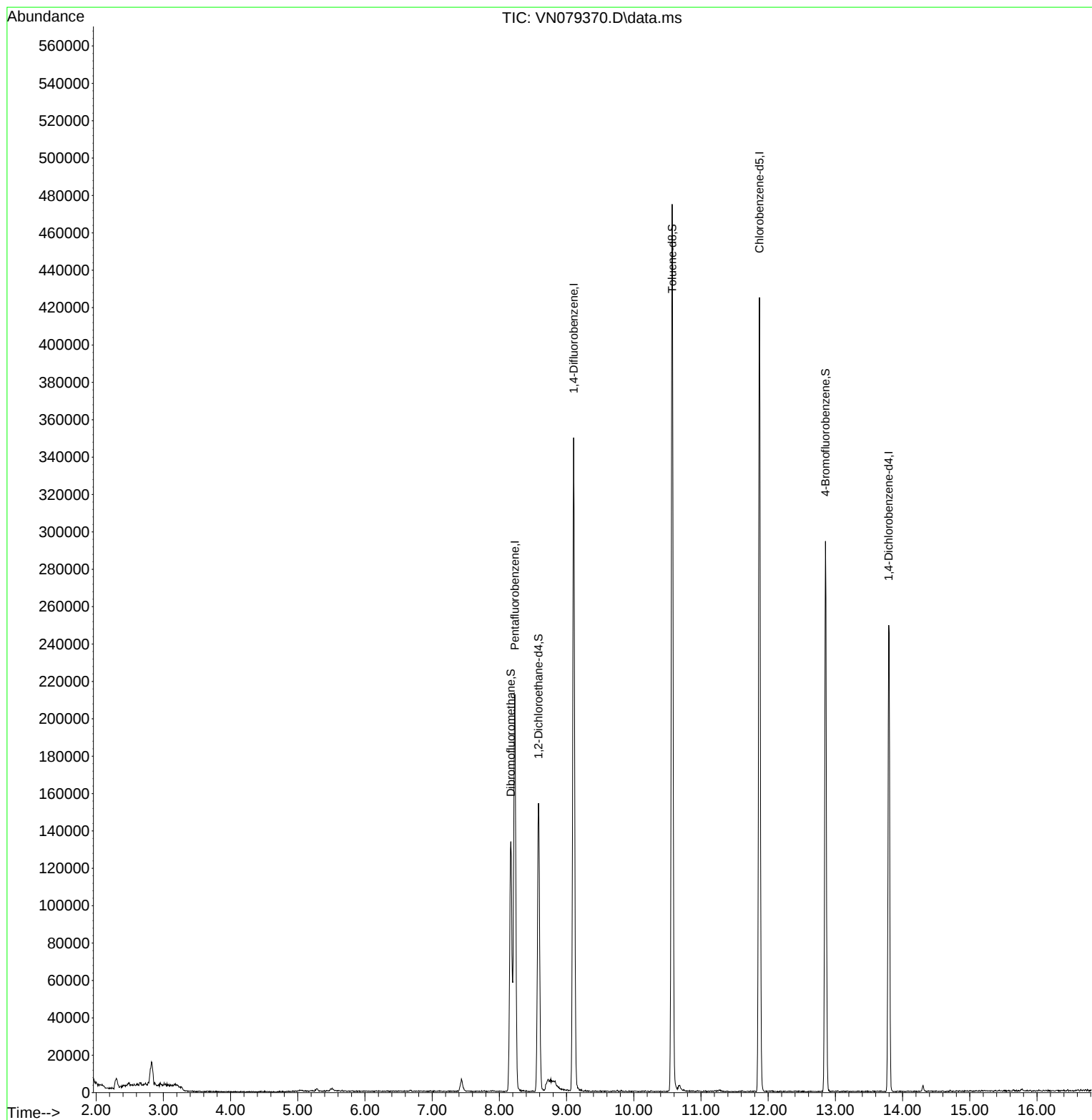
Target Compounds	Qvalue

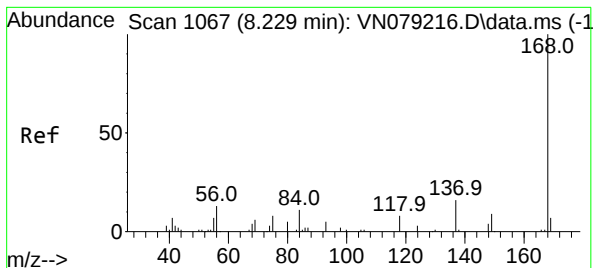
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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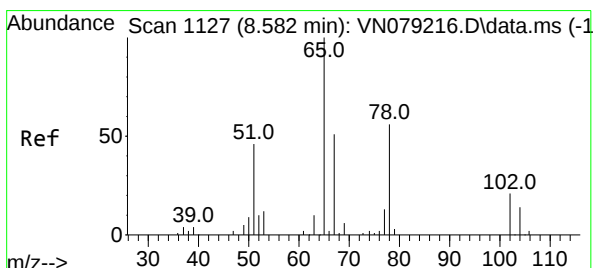
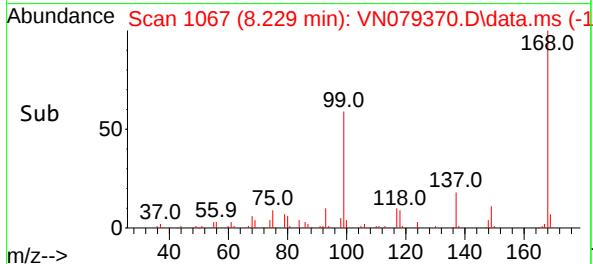
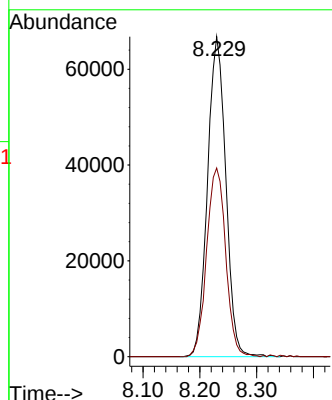
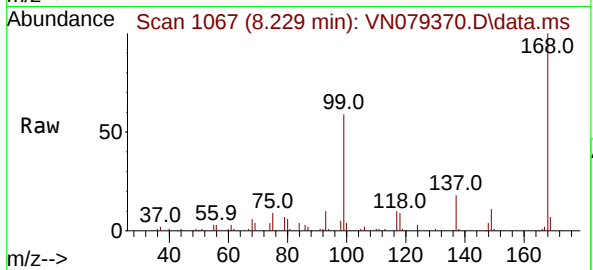




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

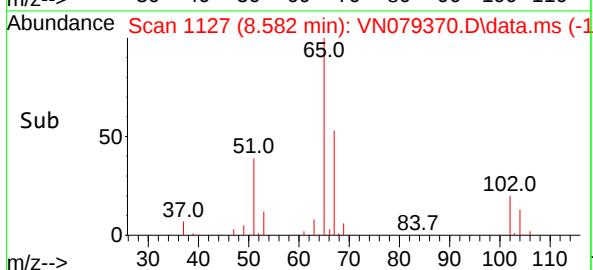
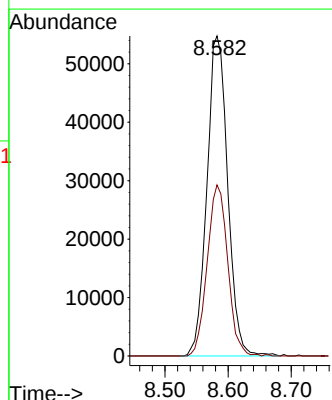
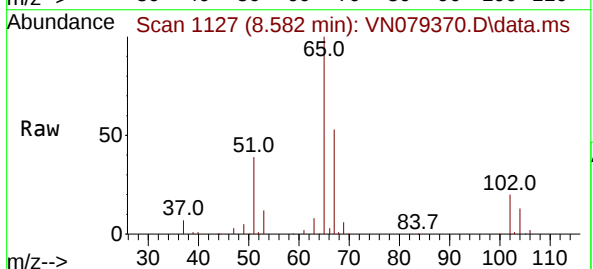
Instrument :
MSVOA_N
ClientSampleId :
IBLK

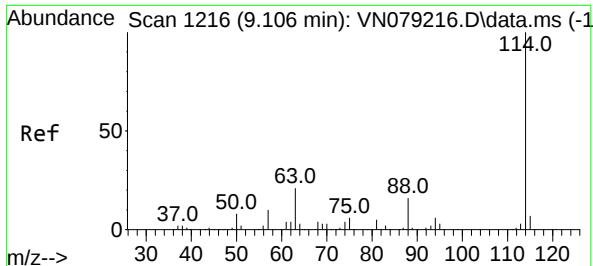
Tgt Ion:168 Resp: 148944
Ion Ratio Lower Upper
168 100
99 59.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 62.276 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

Tgt Ion: 65 Resp: 125213
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# 11

Delta R.T. -0.006 min

Lab File: VN079370.D

Acq: 28 Sep 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

IBLK

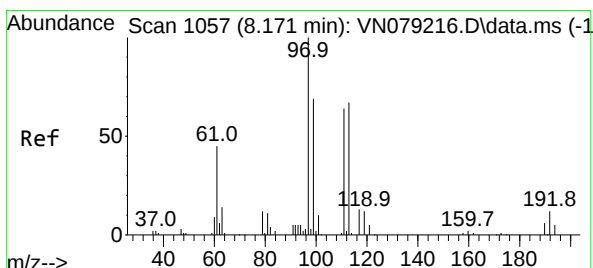
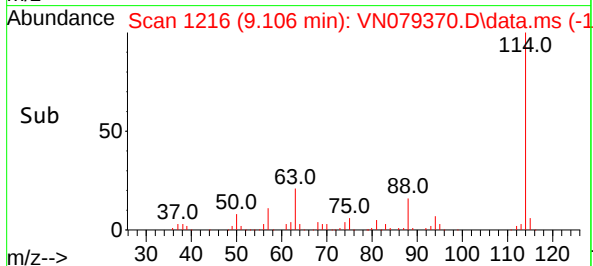
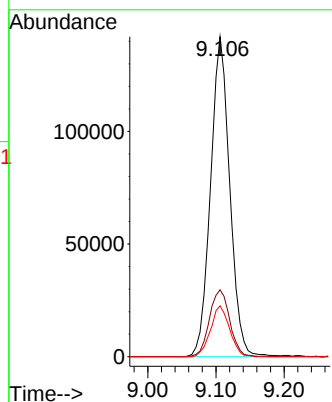
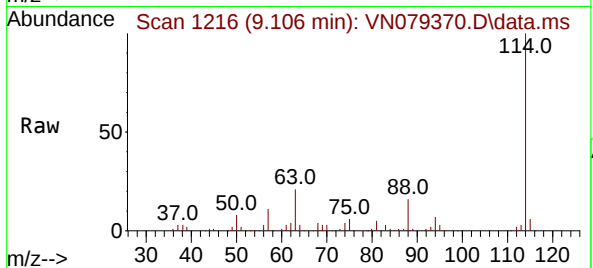
Tgt Ion:114 Resp: 278627

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.336 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079370.D

Acq: 28 Sep 2023 13:39

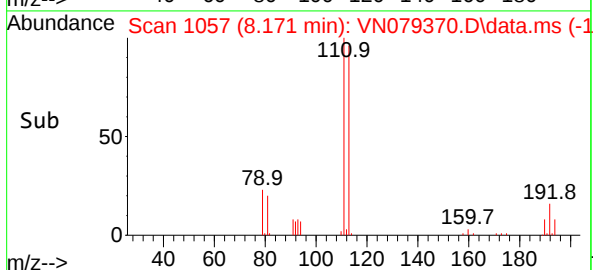
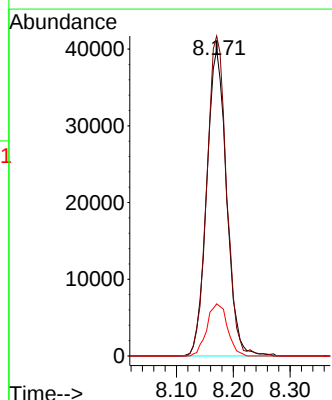
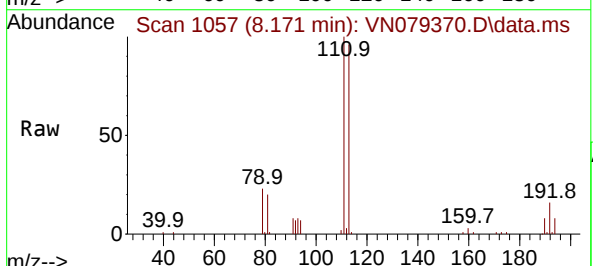
Tgt Ion:113 Resp: 96998

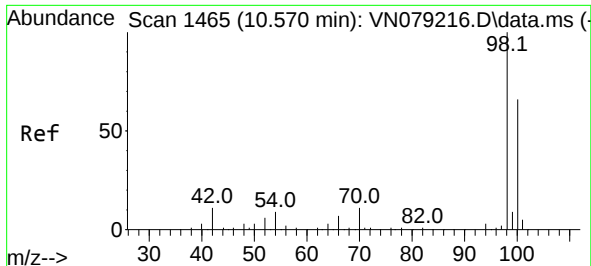
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 17.6 12.7 19.1

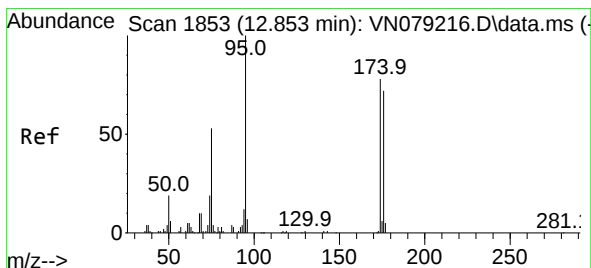
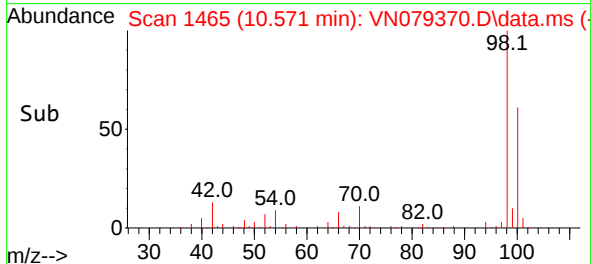
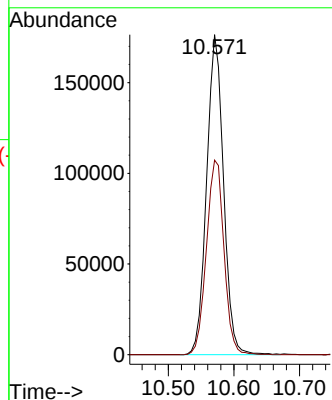
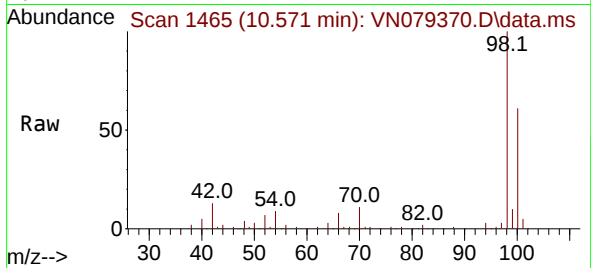




#50
Toluene-d8
Concen: 46.482 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

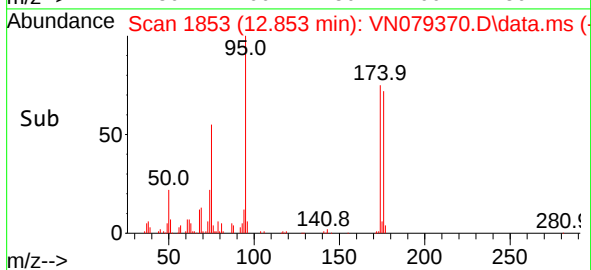
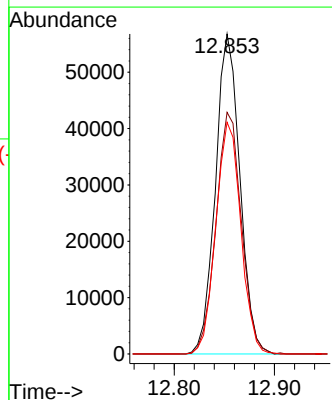
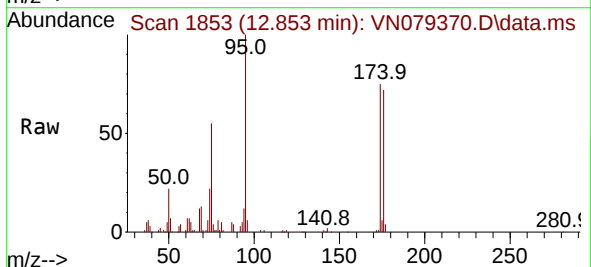
Instrument :
MSVOA_N
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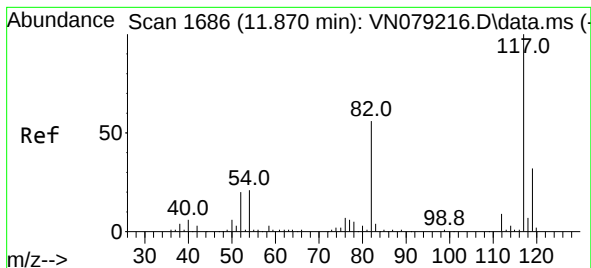
Tgt Ion: 98 Resp: 316327
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.224 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

Tgt Ion: 95 Resp: 96000
Ion Ratio Lower Upper
95 100
174 78.5 0.0 143.8
176 74.0 0.0 135.8

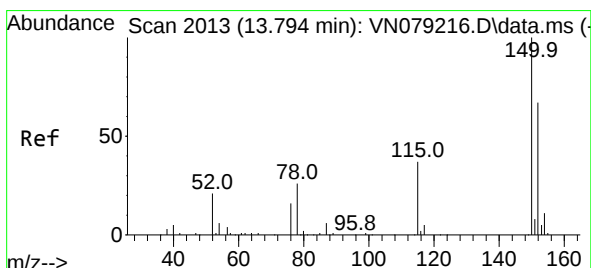
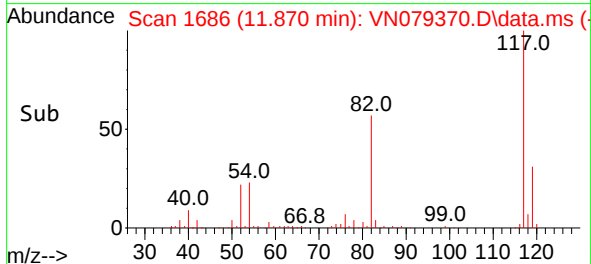
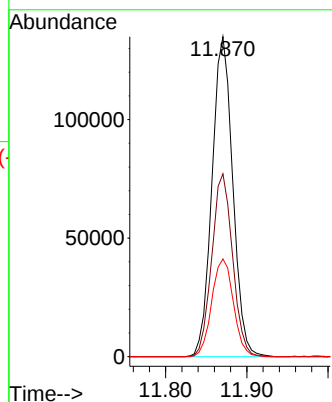
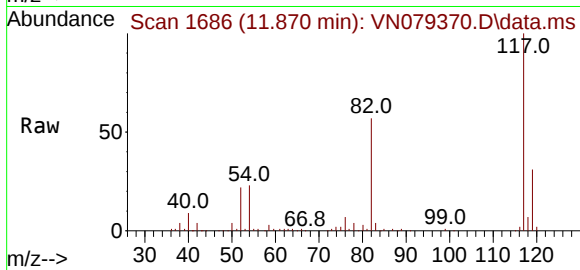




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 239584
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 30.6 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: VN079370.D
Acq: 28 Sep 2023 13:39

Tgt Ion:152 Resp: 64652
Ion Ratio Lower Upper
152 100
115 63.3 32.3 96.8
150 159.6 0.0 355.8

