

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100523\
 Data File : VN079431.D
 Acq On : 05 Oct 2023 20:15
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 06 03:45:56 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	8.229	168	157461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	301188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	278585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	70355	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133954	52.467	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.940%
35) Dibromofluoromethane	8.177	113	112808	52.119	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.240%
50) Toluene-d8	10.571	98	379970	48.518	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.853	95	98876	39.341	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	78.680%#

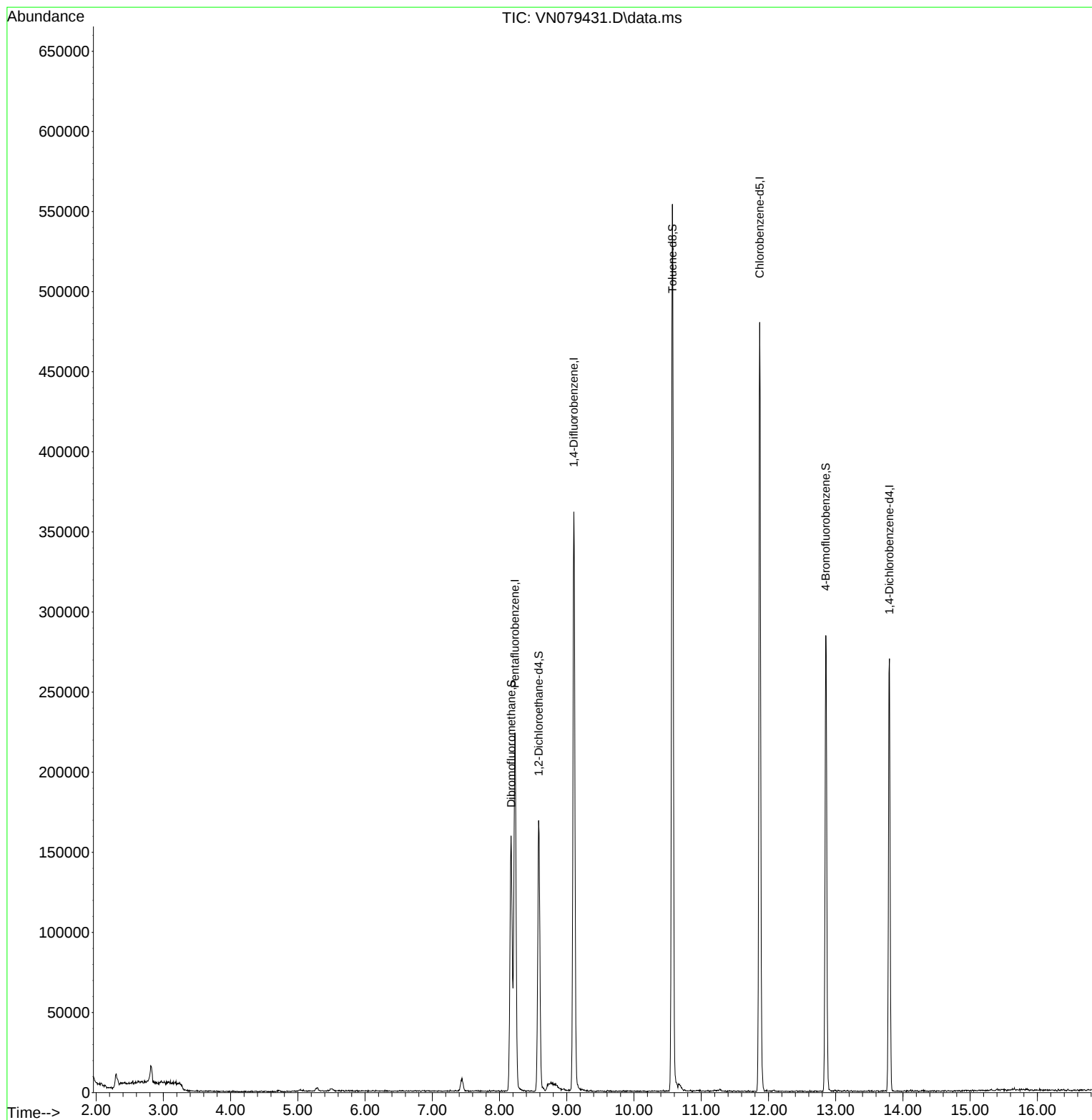
Target Compounds	Qvalue

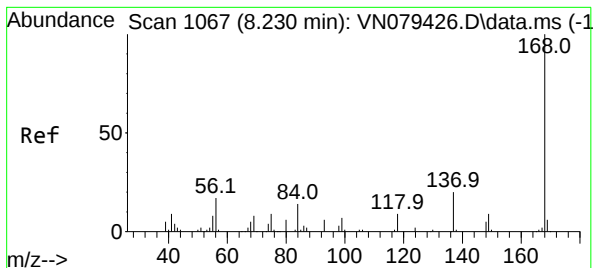
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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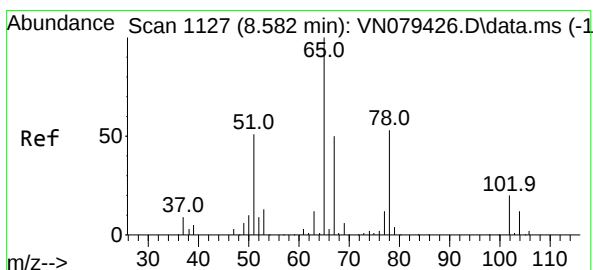
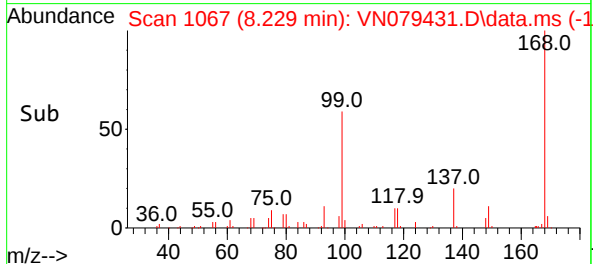
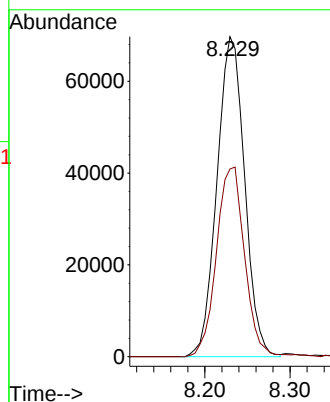
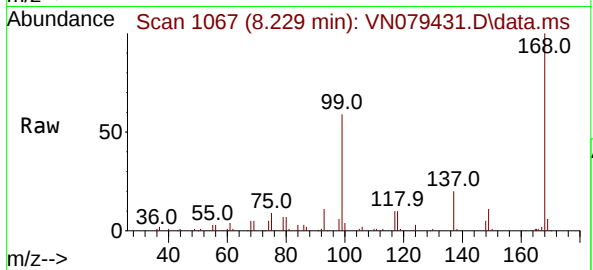




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079431.D
Acq: 05 Oct 2023 20:15

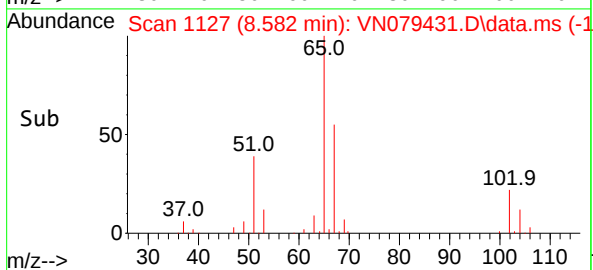
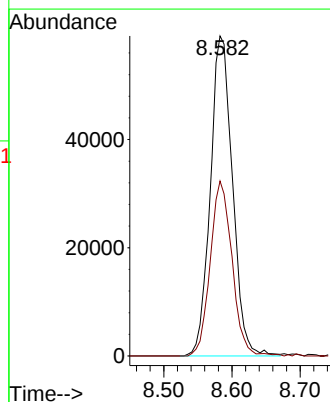
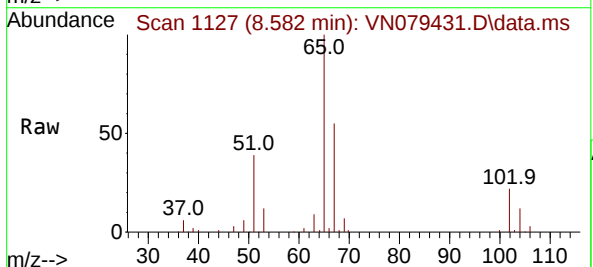
Instrument :
MSVOA_N
ClientSampleId :
IBLK

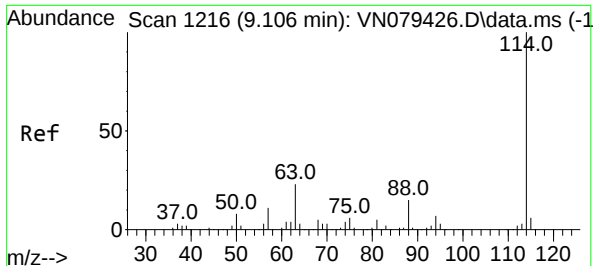
Tgt Ion:168 Resp: 157461
Ion Ratio Lower Upper
168 100
99 58.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.467 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079431.D
Acq: 05 Oct 2023 20:15

Tgt Ion: 65 Resp: 133954
Ion Ratio Lower Upper
65 100
67 53.7 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: VN079431.D

Acq: 05 Oct 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

IBLK

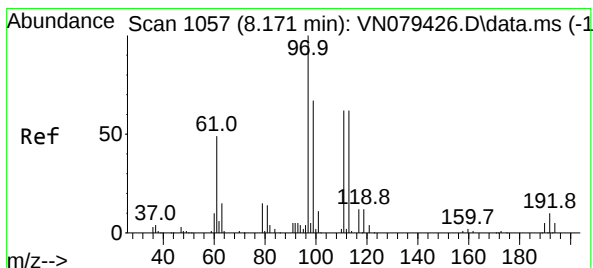
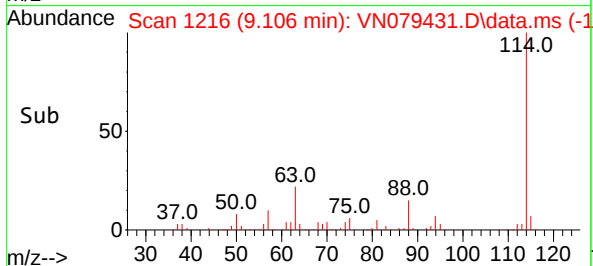
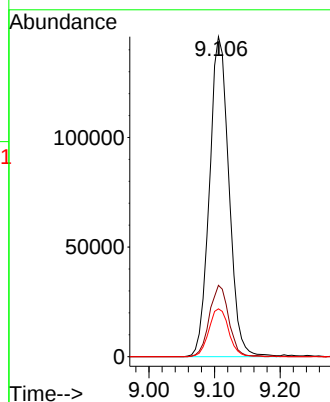
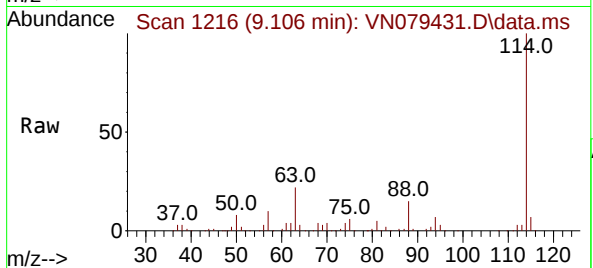
Tgt Ion:114 Resp: 301188

Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.119 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079431.D

Acq: 05 Oct 2023 20:15

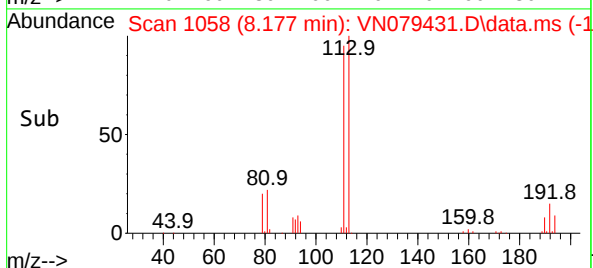
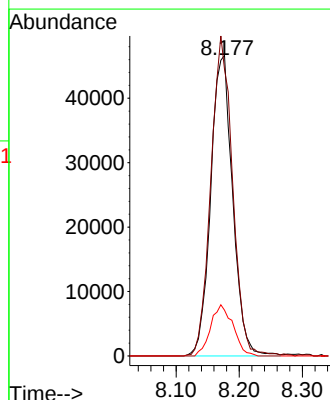
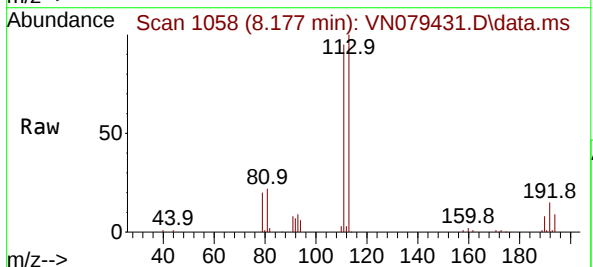
Tgt Ion:113 Resp: 112808

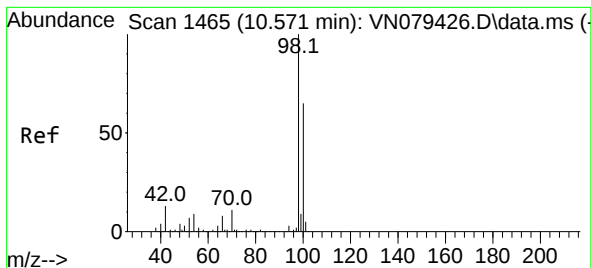
Ion Ratio Lower Upper

113 100

111 105.1 82.6 123.8

192 17.4 12.7 19.1

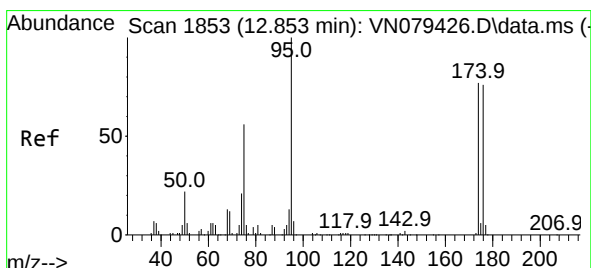
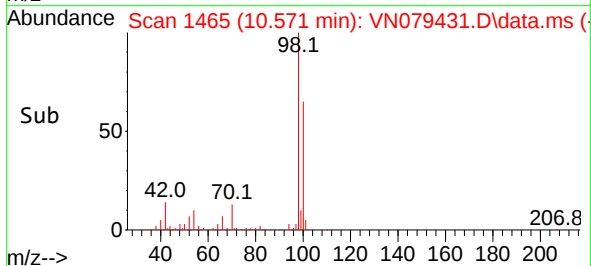
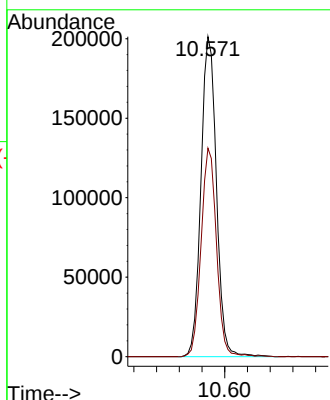
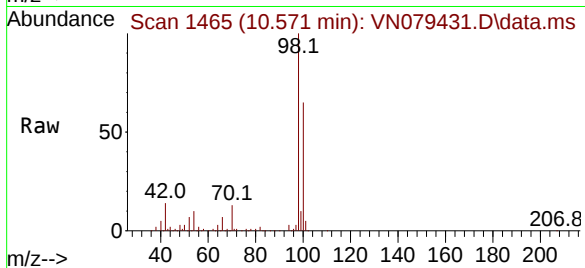




#50
Toluene-d8
Concen: 48.518 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079431.D
Acq: 05 Oct 2023 20:15

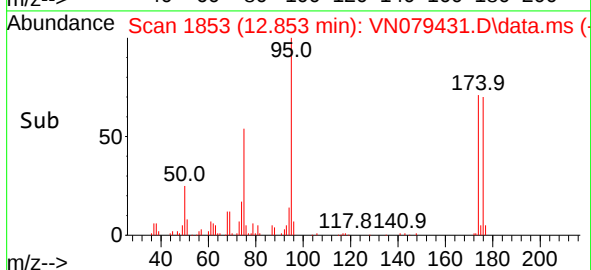
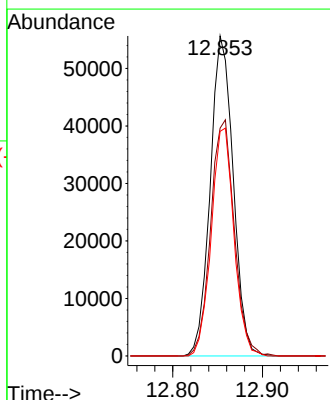
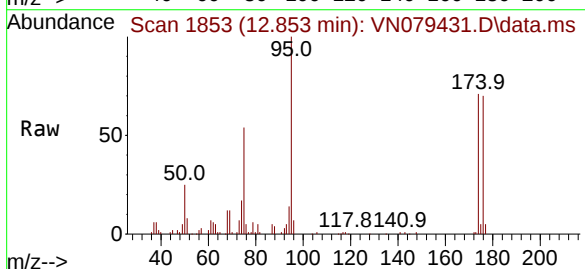
Instrument :
MSVOA_N
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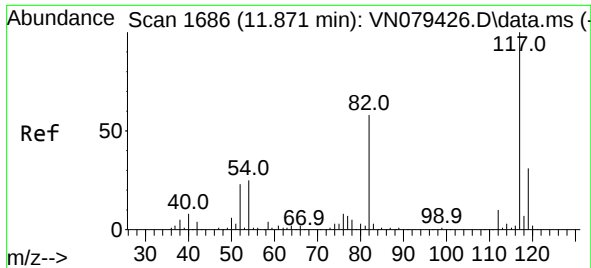
Tgt Ion: 98 Resp: 379970
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.341 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079431.D
Acq: 05 Oct 2023 20:15

Tgt Ion: 95 Resp: 98876
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 70.5 0.0 135.8

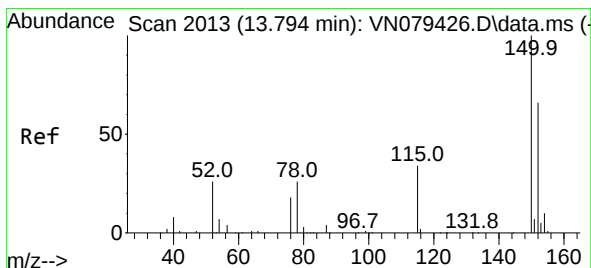
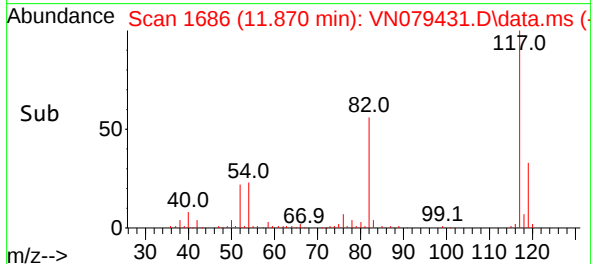
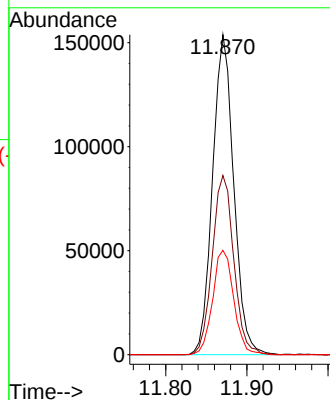
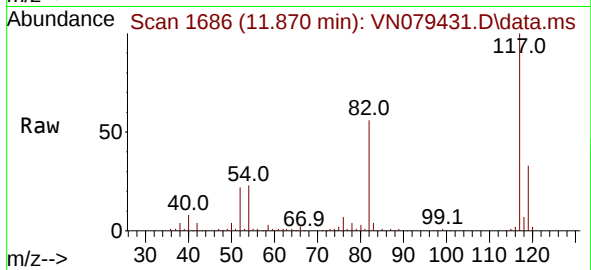




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079431.D
Acq: 05 Oct 2023 20:15

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 278585
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 32.6 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: VN079431.D
Acq: 05 Oct 2023 20:15

Tgt Ion:152 Resp: 70355
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 157.6 0.0 355.8

