

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079696.D
 Acq On : 26 Oct 2023 14:43
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 27 01:20:47 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	202472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	401471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	417648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131028	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	165089	50.287	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.580%
35) Dibromofluoromethane	8.171	113	141223	48.949	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.900%
50) Toluene-d8	10.570	98	546098	52.312	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.620%
62) 4-Bromofluorobenzene	12.853	95	171525	51.199	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.400%

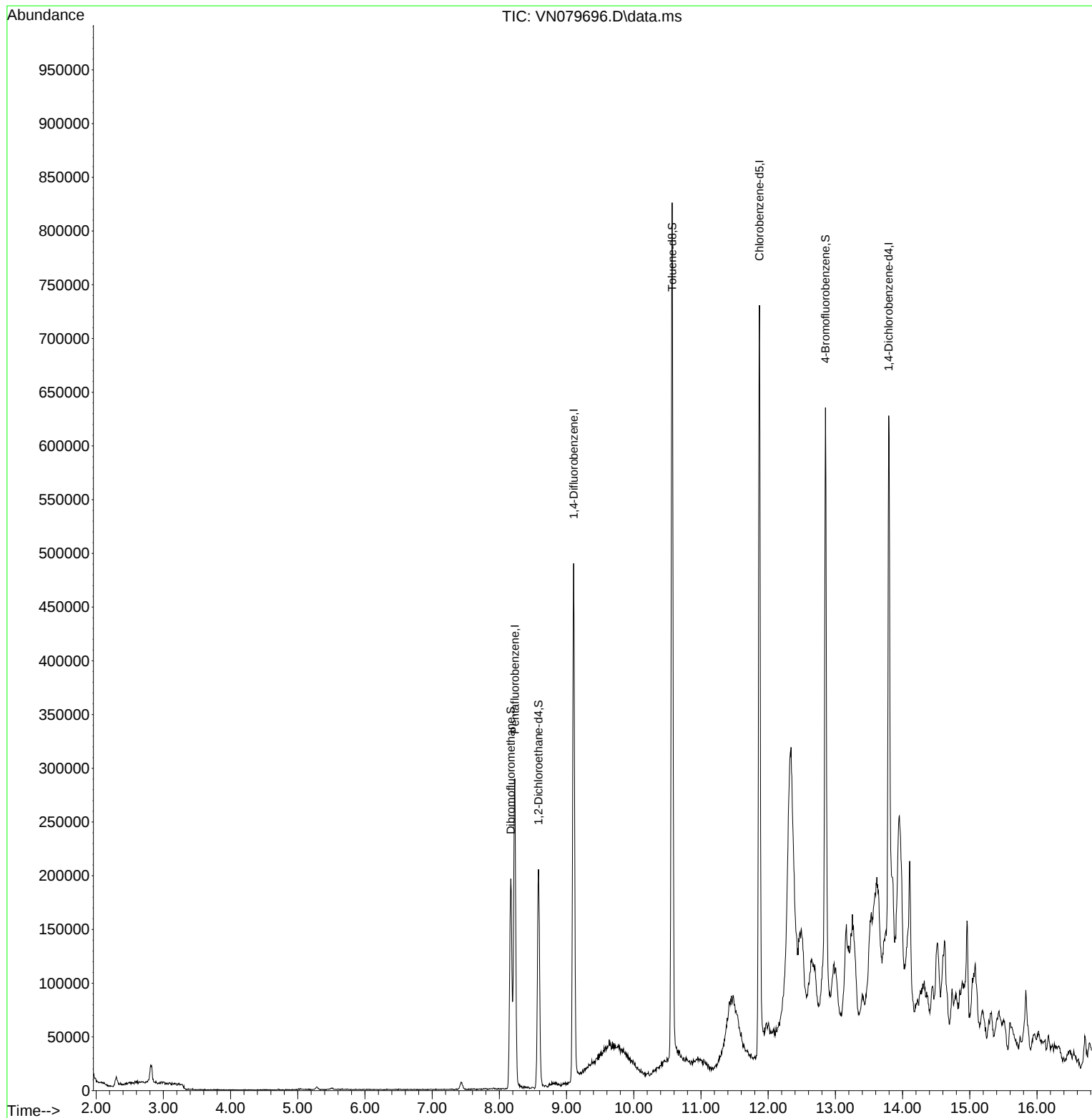
Target Compounds	Qvalue

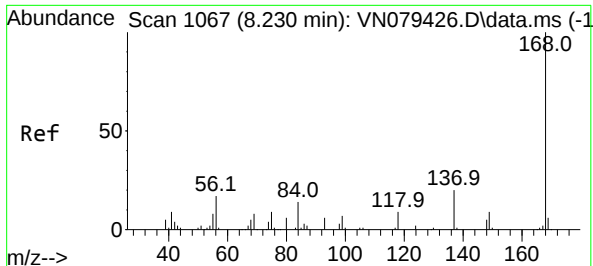
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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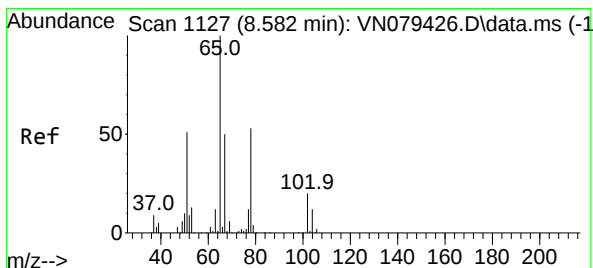
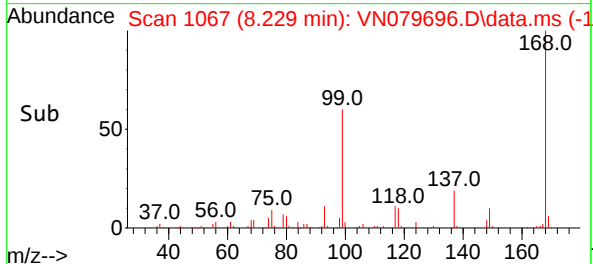
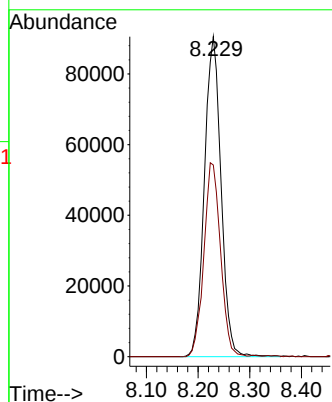
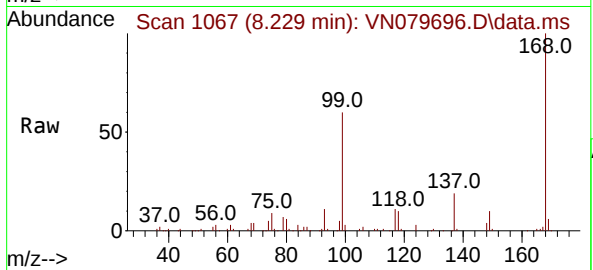




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079696.D
Acq: 26 Oct 2023 14:43

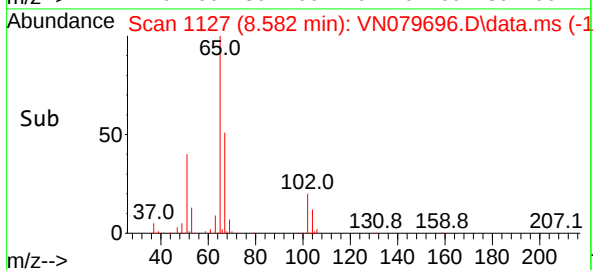
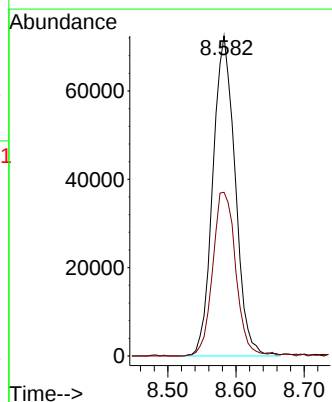
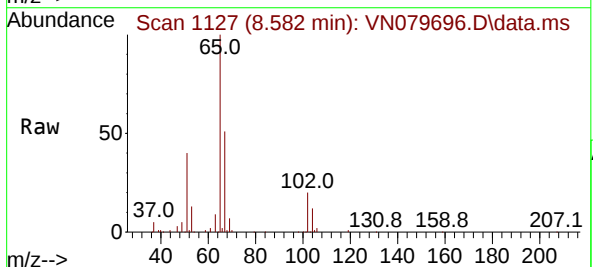
Instrument :
MSVOA_N
ClientSampleId :
IBLK

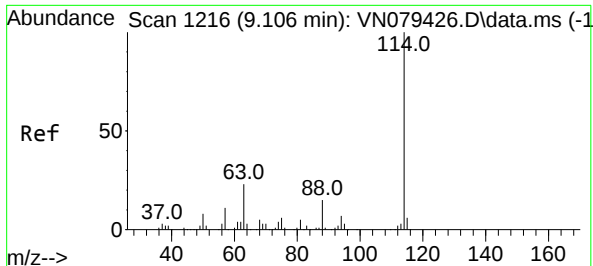
Tgt Ion:168 Resp: 202472
Ion Ratio Lower Upper
168 100
99 59.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.287 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079696.D
Acq: 26 Oct 2023 14:43

Tgt Ion: 65 Resp: 165089
Ion Ratio Lower Upper
65 100
67 53.0 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: VN079696.D

Acq: 26 Oct 2023 14:43

Instrument :

MSVOA_N

ClientSampleId :

IBLK

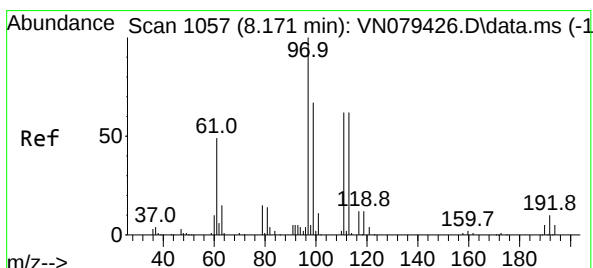
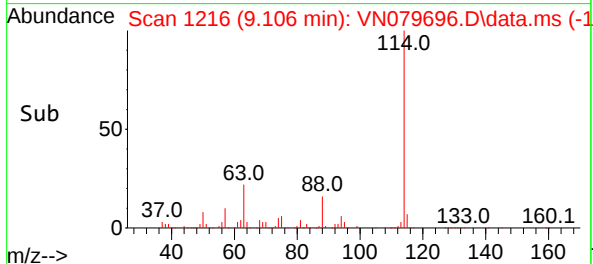
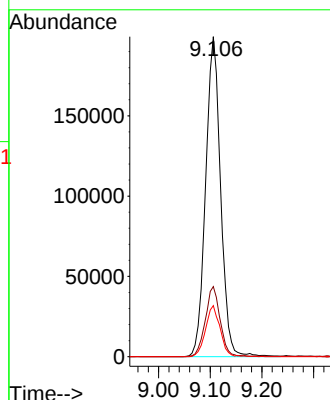
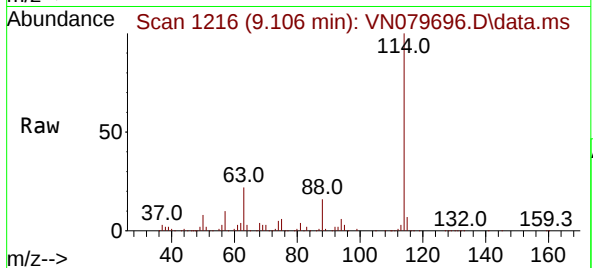
Tgt Ion:114 Resp: 401471

Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.949 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079696.D

Acq: 26 Oct 2023 14:43

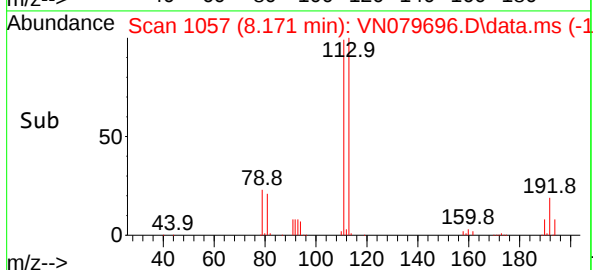
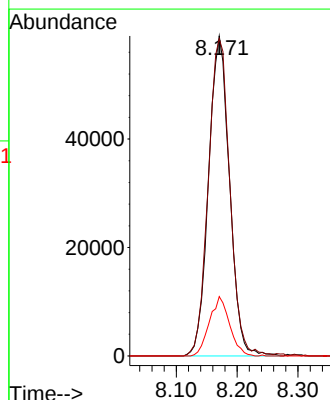
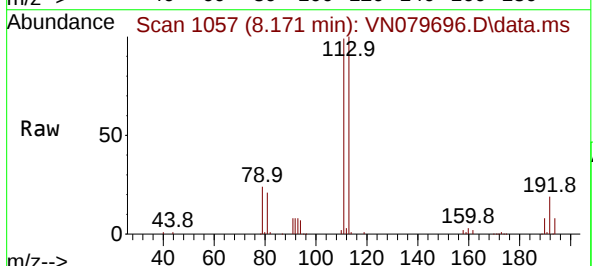
Tgt Ion:113 Resp: 141223

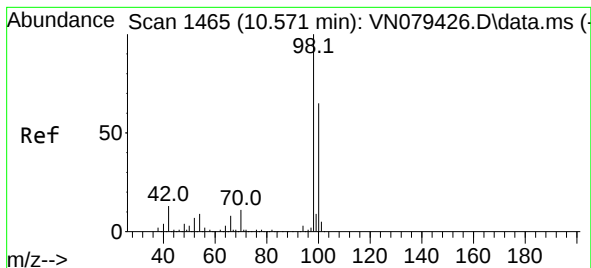
Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

192 17.8 12.7 19.1





#50

Toluene-d8

Concen: 52.312 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079696.D

Acq: 26 Oct 2023 14:43

Instrument :

MSVOA_N

ClientSampleId :

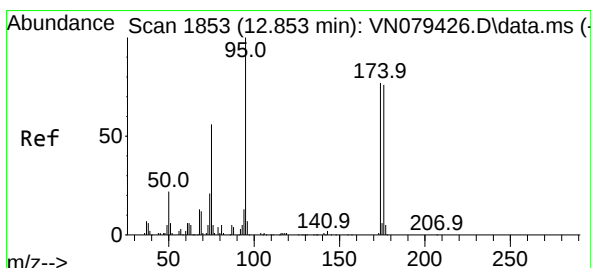
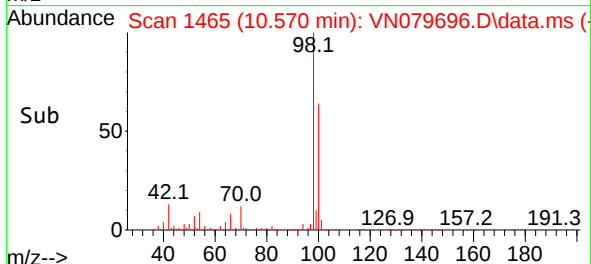
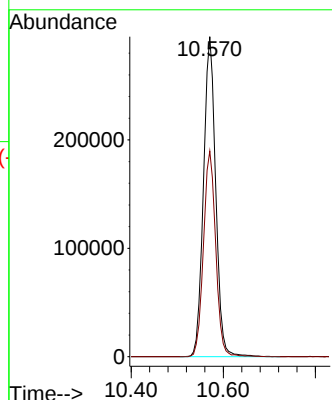
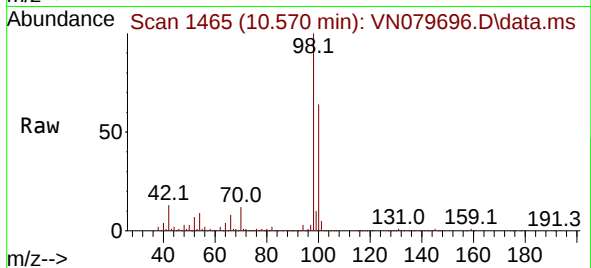
IBLK

Tgt Ion: 98 Resp: 546098

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.199 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079696.D

Acq: 26 Oct 2023 14:43

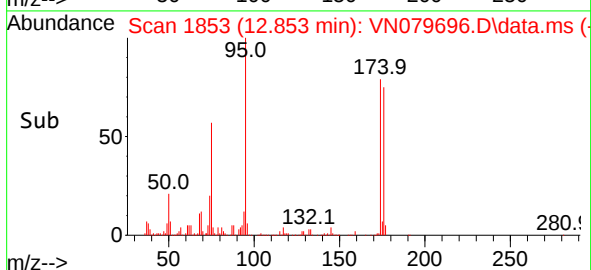
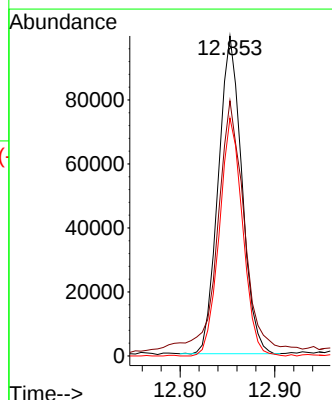
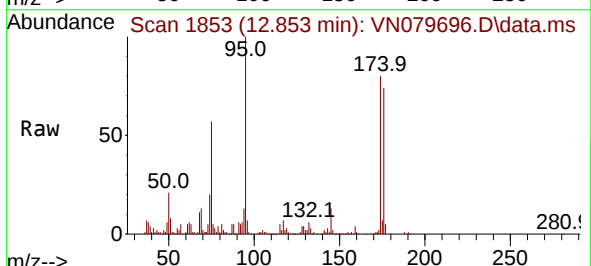
Tgt Ion: 95 Resp: 171525

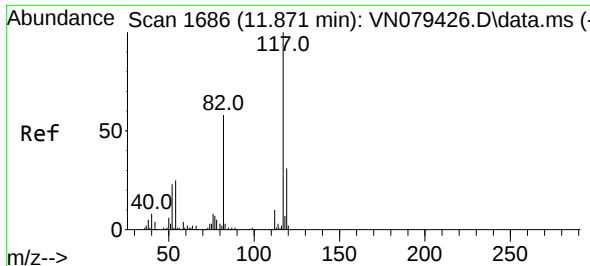
Ion Ratio Lower Upper

95 100

174 91.5 0.0 143.8

176 74.1 0.0 135.8

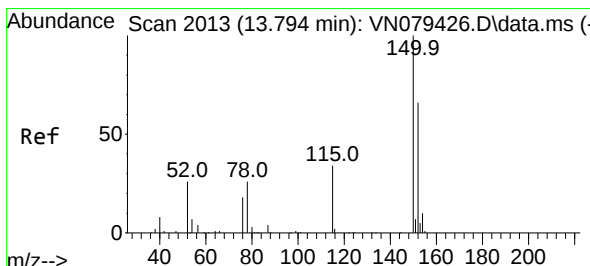
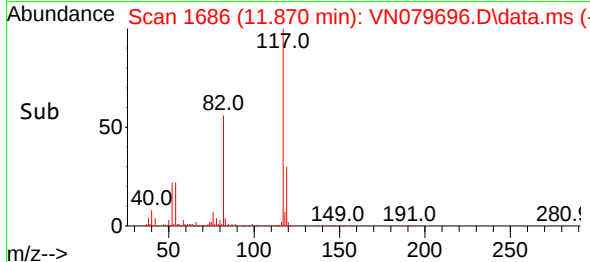
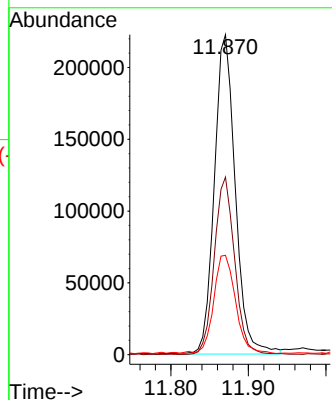
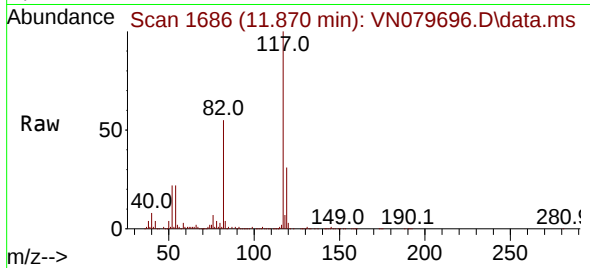




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079696.D
Acq: 26 Oct 2023 14:43

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 417648
Ion Ratio Lower Upper
117 100
82 55.5 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: VN079696.D
Acq: 26 Oct 2023 14:43

Tgt Ion:152 Resp: 131028
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 156.6 0.0 355.8

