

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085168.D
 Acq On : 10 Dec 2024 16:04
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 11 04:17:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	137419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87678	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107809	55.077	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.160%
35) Dibromofluoromethane	8.165	113	88889	50.860	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	10.565	98	292191	46.651	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.300%
62) 4-Bromofluorobenzene	12.847	95	92987	39.699	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	79.400%

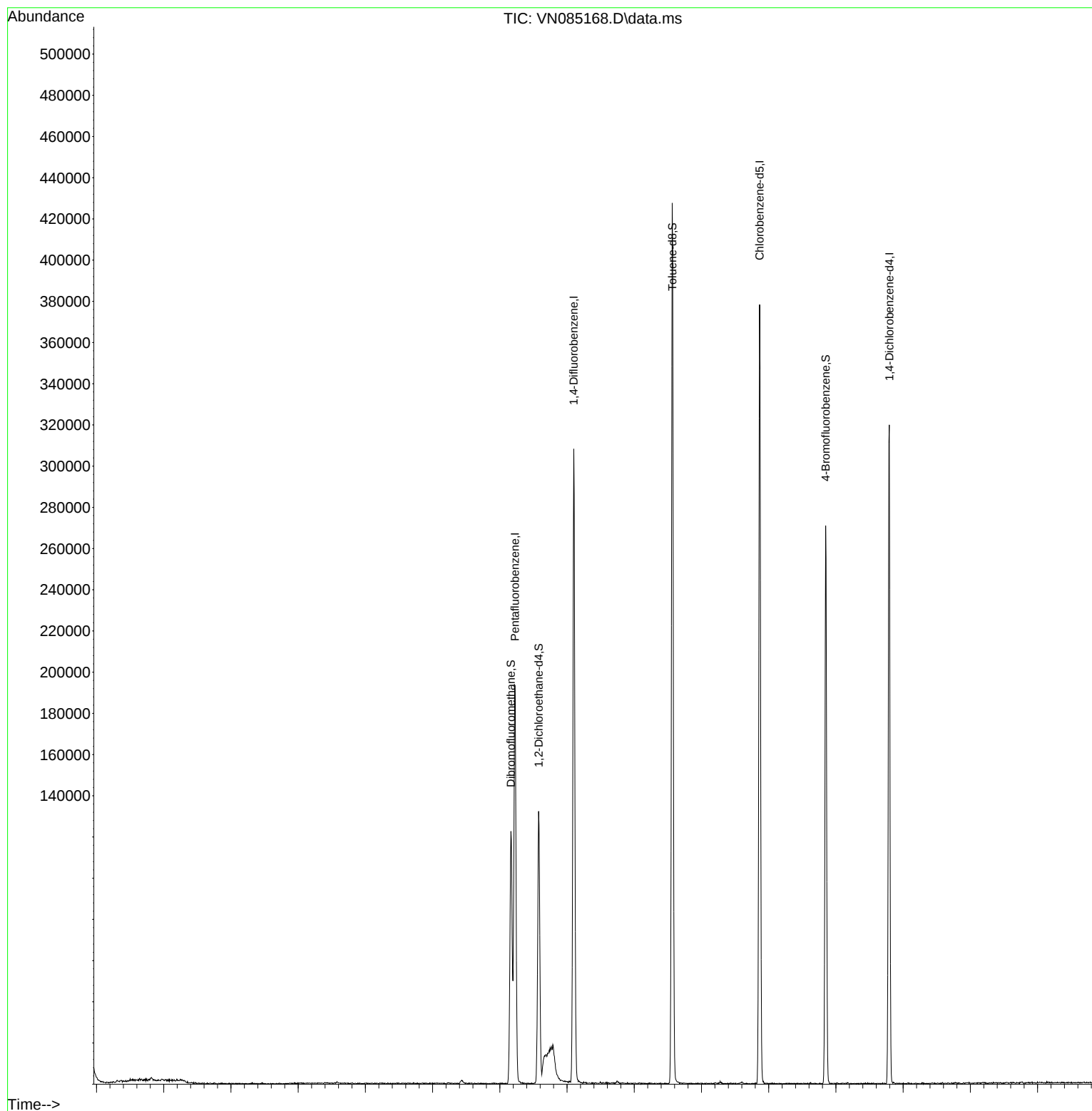
Target Compounds	Qvalue

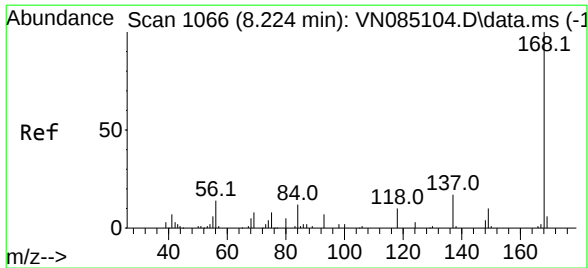
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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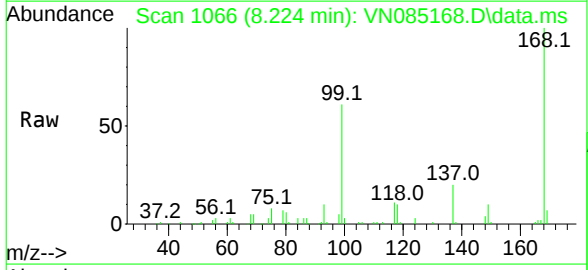
Quant Time: Dec 11 04:17:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
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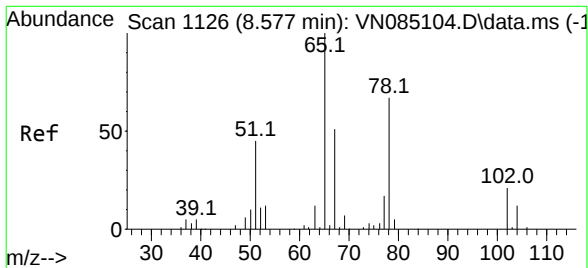
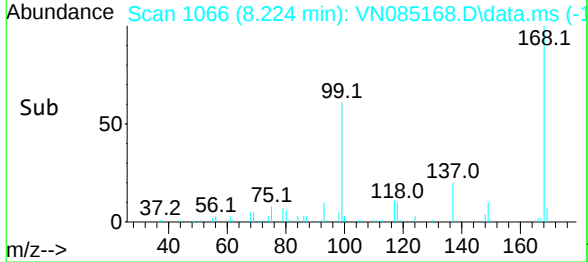
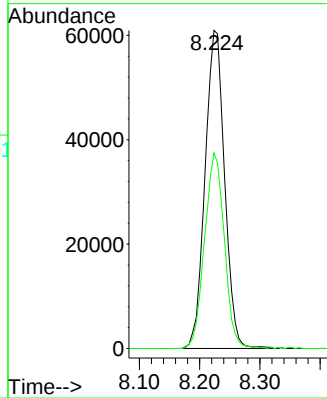


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085168.D
Acq: 10 Dec 2024 16:04

Instrument :
MSVOA_N
ClientSampleId :
IBLK

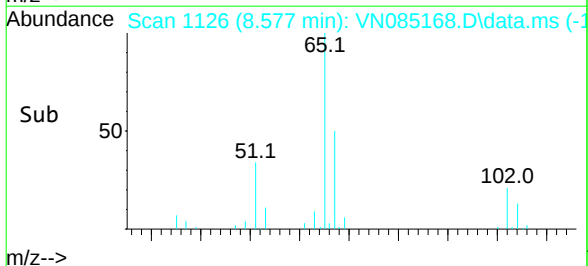
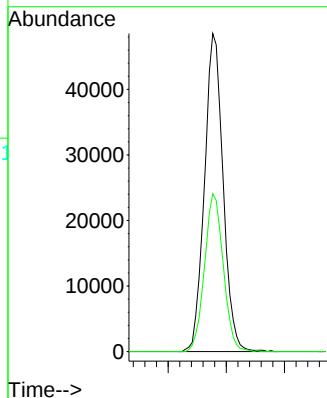
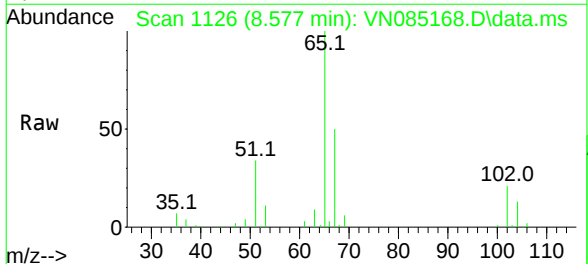


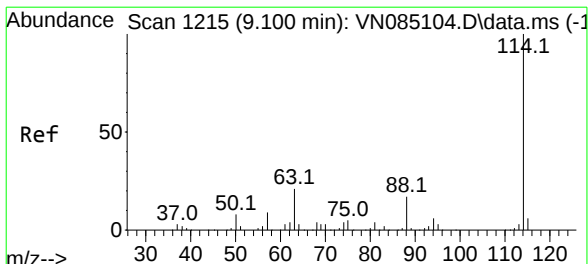
Tgt Ion:168 Resp: 137419
Ion Ratio Lower Upper
168 100
99 61.5 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 55.077 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085168.D
Acq: 10 Dec 2024 16:04

Tgt Ion: 65 Resp: 107809
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.0

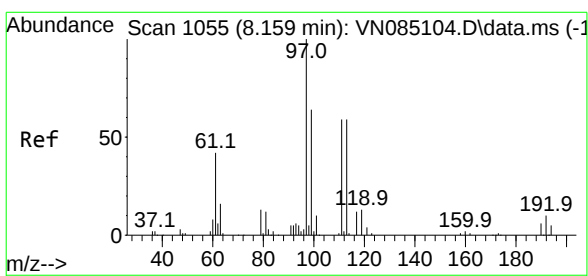
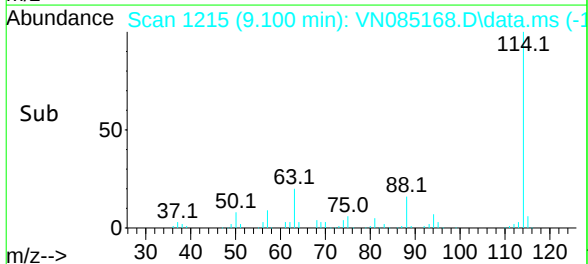
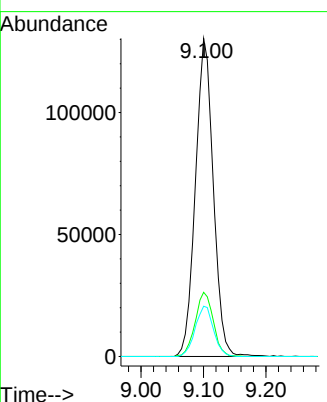
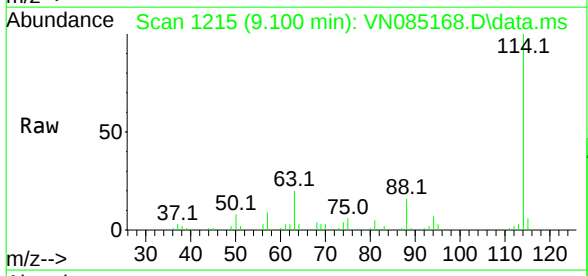




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: VN085168.D
 Acq: 10 Dec 2024 16:04

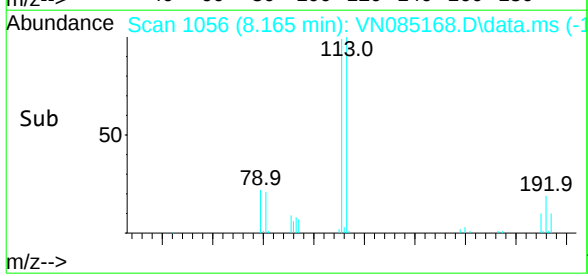
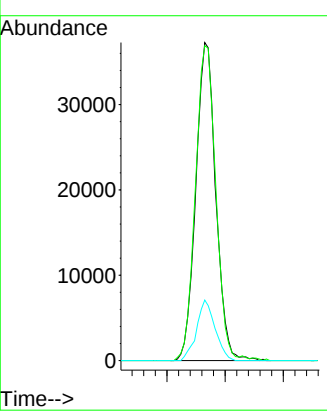
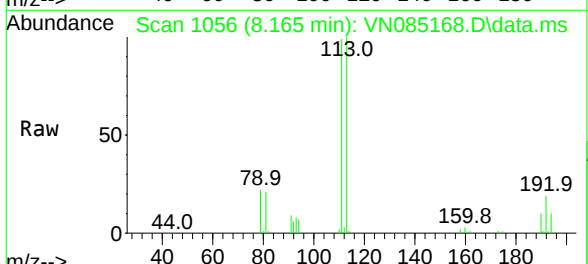
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

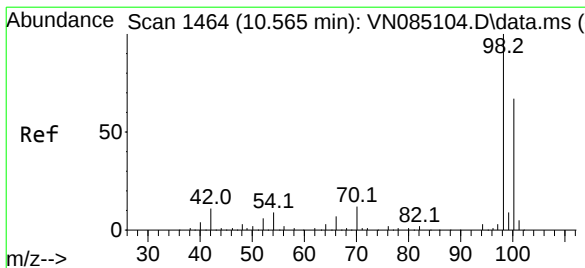
Tgt Ion:	114	Resp:	259163
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.0
88	15.8	0.0	34.8



#35
 Dibromofluoromethane
 Concen: 50.860 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085168.D
 Acq: 10 Dec 2024 16:04

Tgt Ion:	113	Resp:	88889
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.0	123.0
192	17.6	14.8	22.2





#50

Toluene-d8

Concen: 46.651 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085168.D

Acq: 10 Dec 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

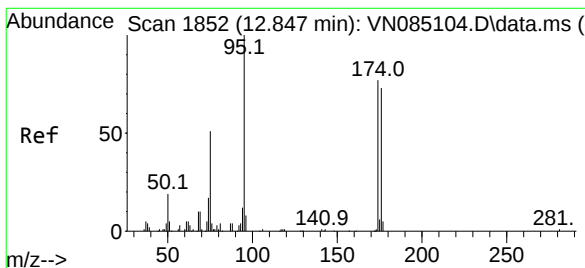
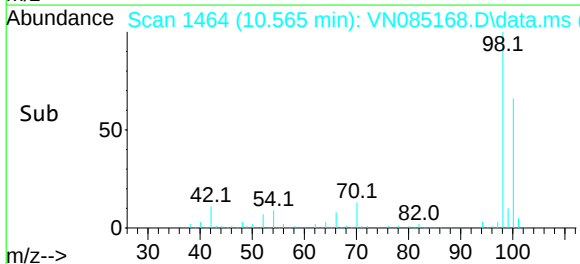
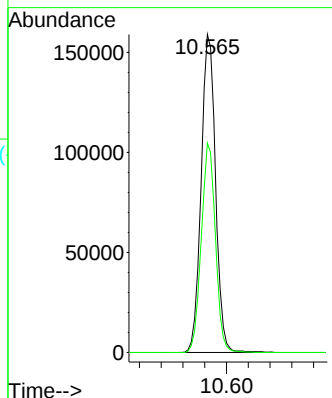
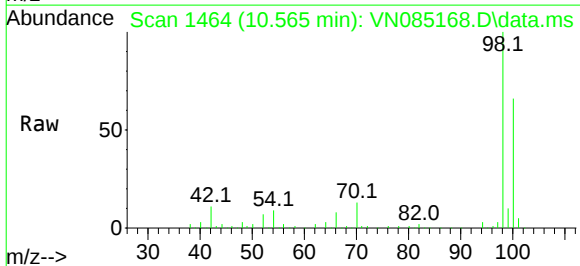
IBLK

Tgt Ion: 98 Resp: 292191

Ion Ratio Lower Upper

98 100

100 64.6 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 39.699 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085168.D

Acq: 10 Dec 2024 16:04

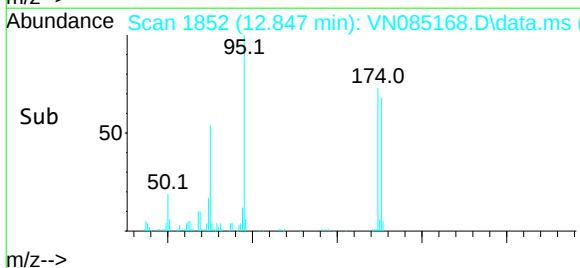
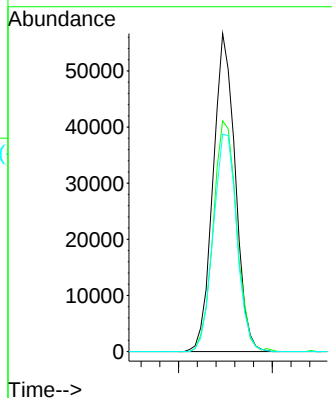
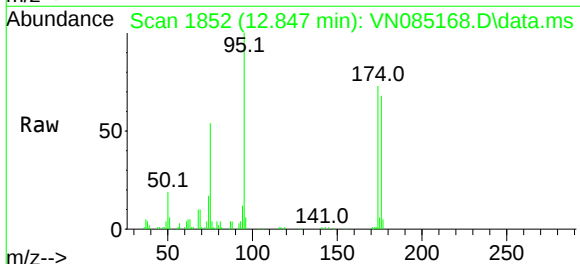
Tgt Ion: 95 Resp: 92987

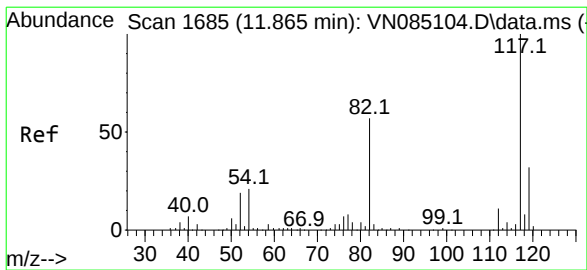
Ion Ratio Lower Upper

95 100

174 76.6 0.0 146.6

176 72.7 0.0 141.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.006 min

Lab File: VN085168.D

Acq: 10 Dec 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

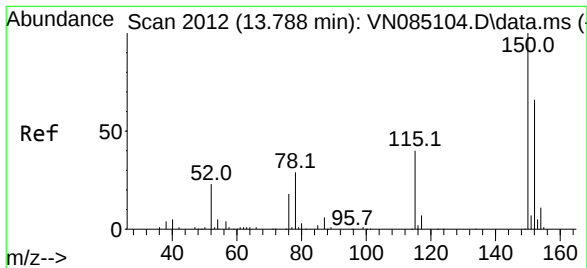
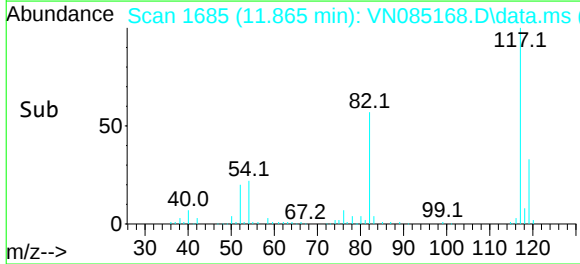
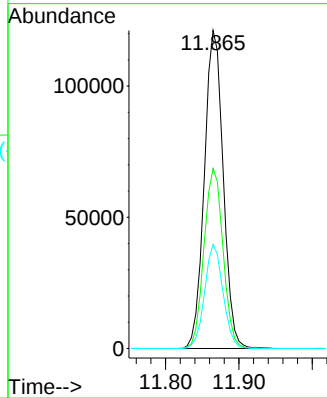
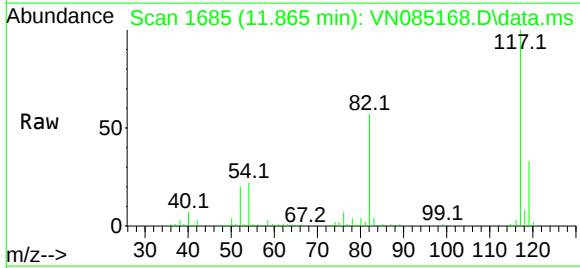
Tgt Ion:117 Resp: 216459

Ion Ratio Lower Upper

117 100

82 56.6 46.0 69.0

119 32.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN085168.D

Acq: 10 Dec 2024 16:04

Tgt Ion:152 Resp: 87678

Ion Ratio Lower Upper

152 100

115 60.7 31.7 95.1

150 157.3 0.0 351.4

