

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085352.D
 Acq On : 30 Dec 2024 18:02
 Operator : JC\MD
 Sample : P5394-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Dec 31 02:17:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	130142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	218306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	81677	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115089	62.003	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	124.000%
35) Dibromofluoromethane	8.165	113	88102	57.200	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.400%
50) Toluene-d8	10.565	98	308886	54.650	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.300%
62) 4-Bromofluorobenzene	12.847	95	89583	47.724	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.440%

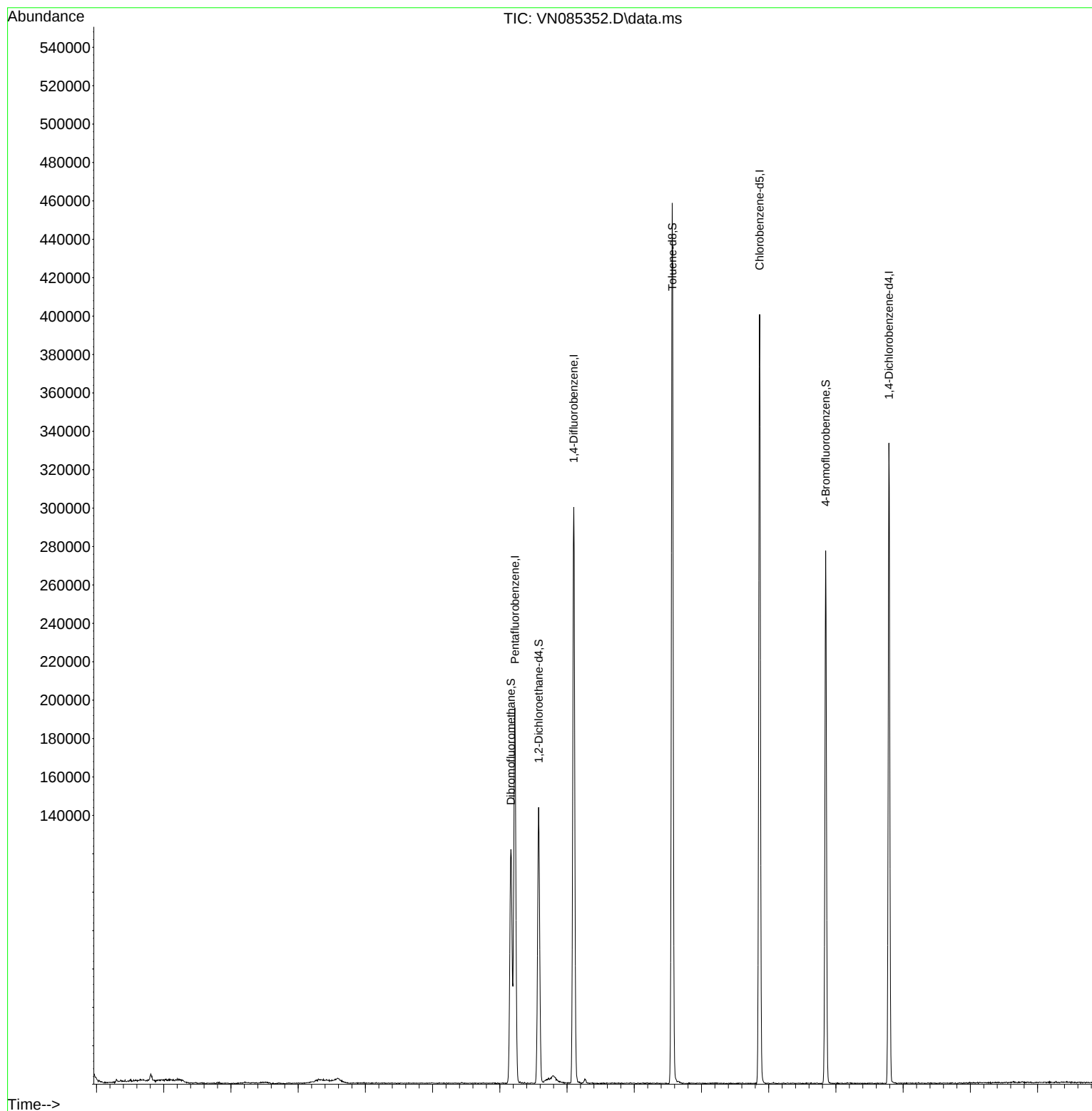
Target Compounds	Qvalue

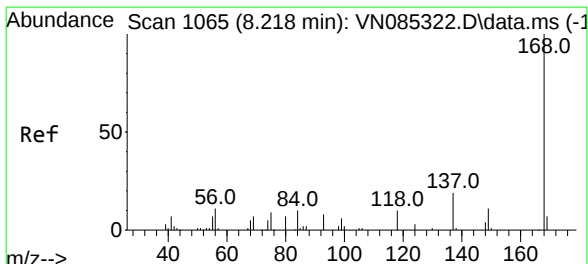
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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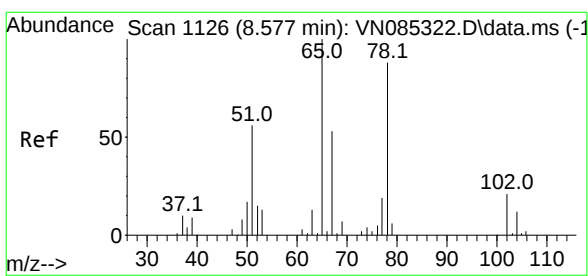
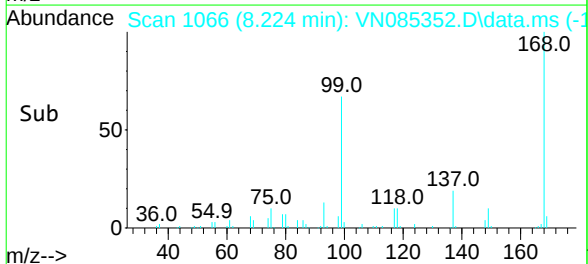
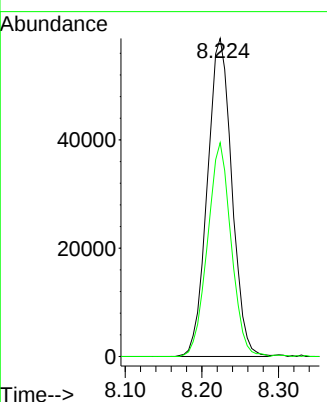
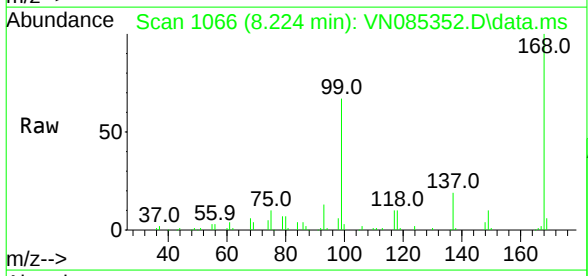




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085352.D
Acq: 30 Dec 2024 18:02

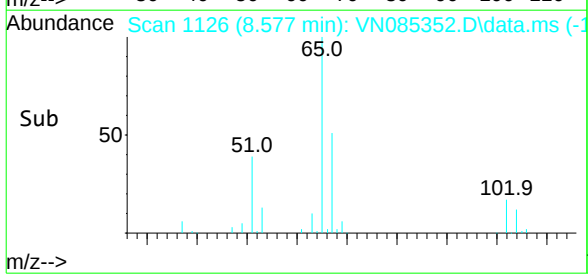
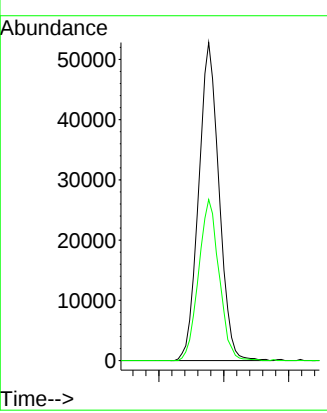
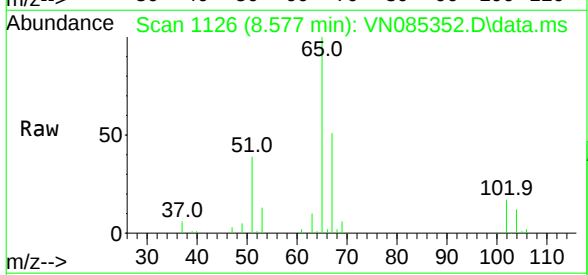
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAGEMENT

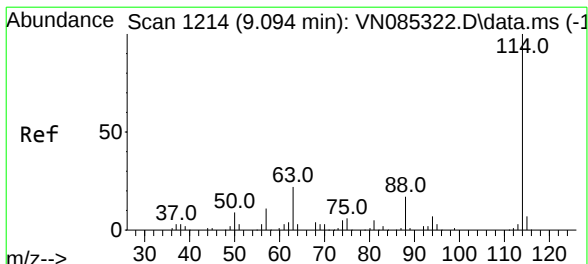
Tgt Ion:168 Resp: 130142
Ion Ratio Lower Upper
168 100
99 67.2 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 62.003 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085352.D
Acq: 30 Dec 2024 18:02

Tgt Ion: 65 Resp: 115089
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0

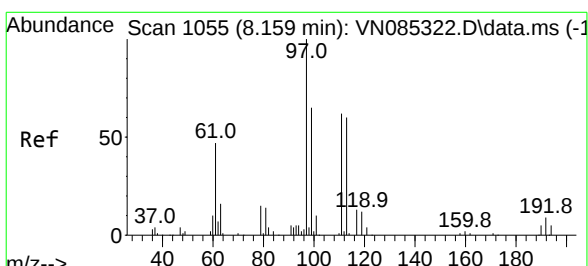
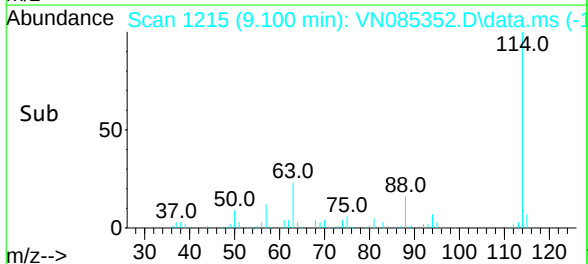
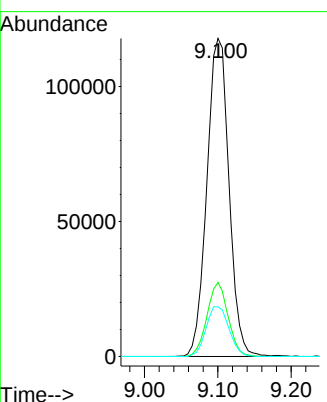
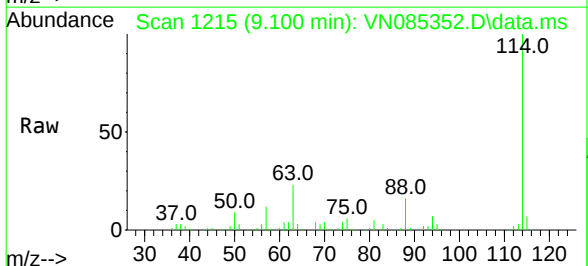




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085352.D
 Acq: 30 Dec 2024 18:02

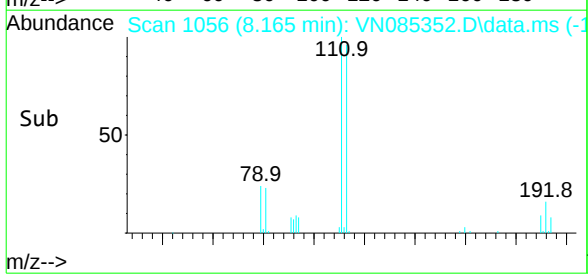
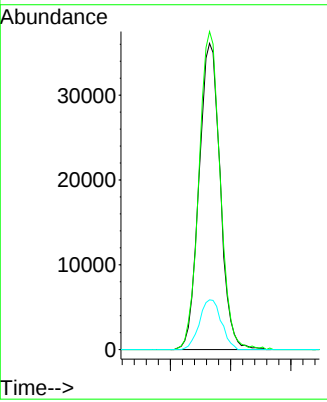
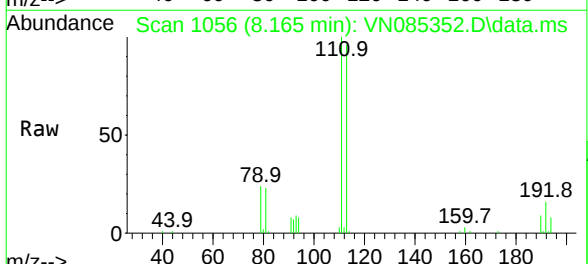
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SAMPLE-MANAGEMENT

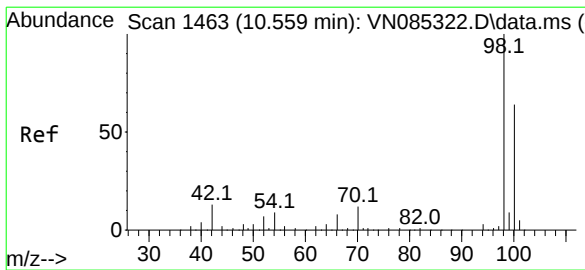
Tgt Ion:	114	Resp:	246892
Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	43.4
88	15.6	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 57.200 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085352.D
 Acq: 30 Dec 2024 18:02

Tgt Ion:	113	Resp:	88102
Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.5	120.7
192	16.8	12.9	19.3





#50

Toluene-d8

Concen: 54.650 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085352.D

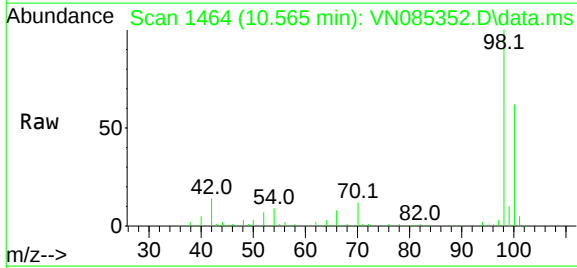
Acq: 30 Dec 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

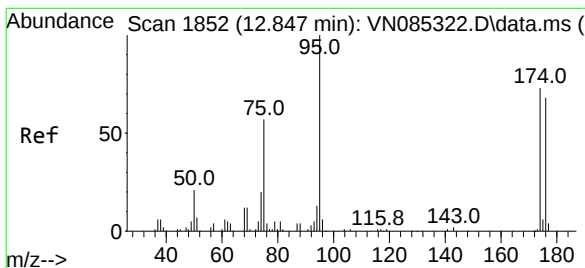
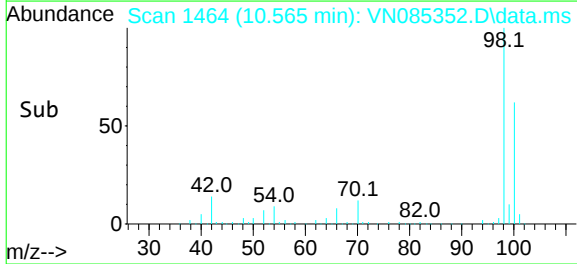
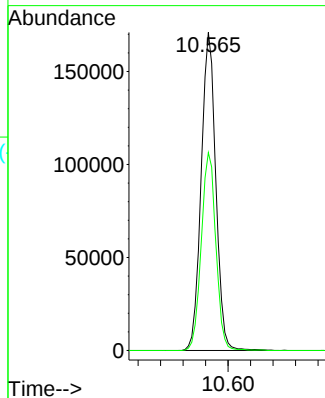


Tgt Ion: 98 Resp: 308886

Ion Ratio Lower Upper

98 100

100 62.1 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.724 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085352.D

Acq: 30 Dec 2024 18:02

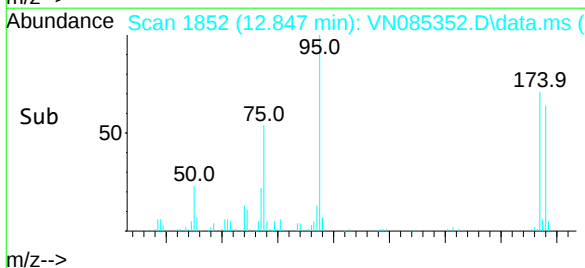
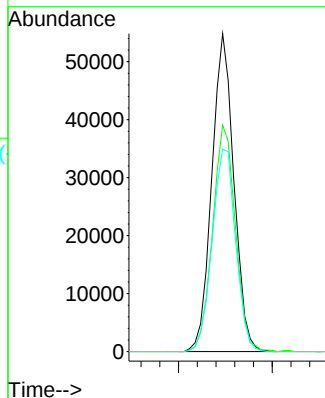
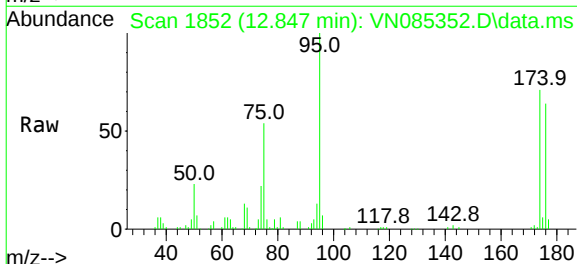
Tgt Ion: 95 Resp: 89583

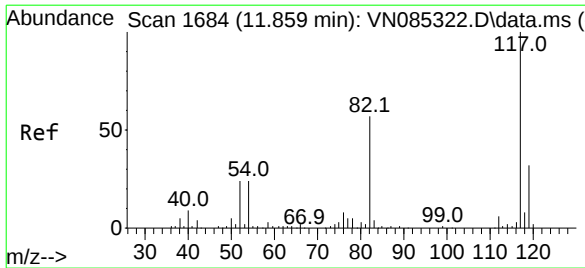
Ion Ratio Lower Upper

95 100

174 73.8 0.0 143.2

176 68.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.006 min

Lab File: VN085352.D

Acq: 30 Dec 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

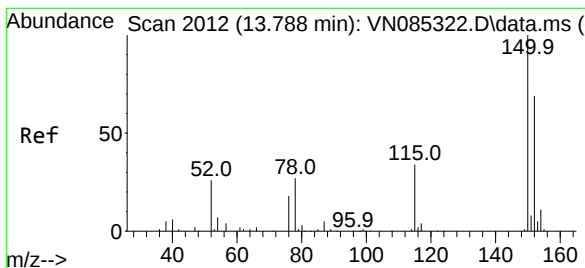
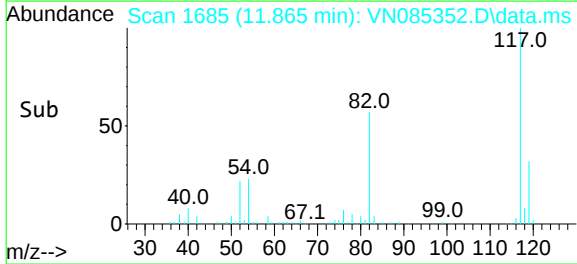
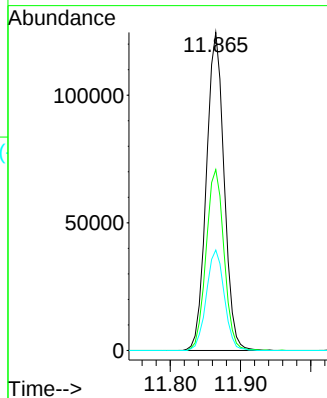
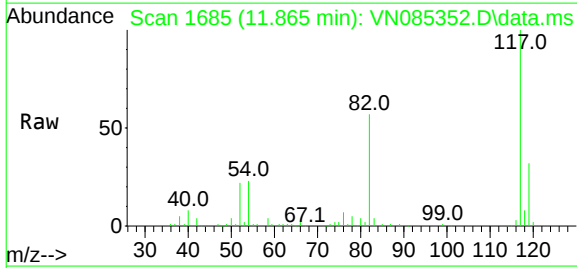
Tgt Ion:117 Resp: 218306

Ion Ratio Lower Upper

117 100

82 56.9 45.7 68.5

119 31.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085352.D

Acq: 30 Dec 2024 18:02

Tgt Ion:152 Resp: 81677

Ion Ratio Lower Upper

152 100

115 62.4 30.4 91.3

150 161.6 0.0 345.0

