

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081993.D
 Acq On : 03 May 2024 15:48
 Operator : JC\MD
 Sample : P2377-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: May 06 01:56:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	156087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	329983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	131624	49.965	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.920%
35) Dibromofluoromethane	8.171	113	96753	48.698	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.400%
50) Toluene-d8	10.565	98	415553	53.256	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.520%
62) 4-Bromofluorobenzene	12.853	95	138329	44.846	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.700%

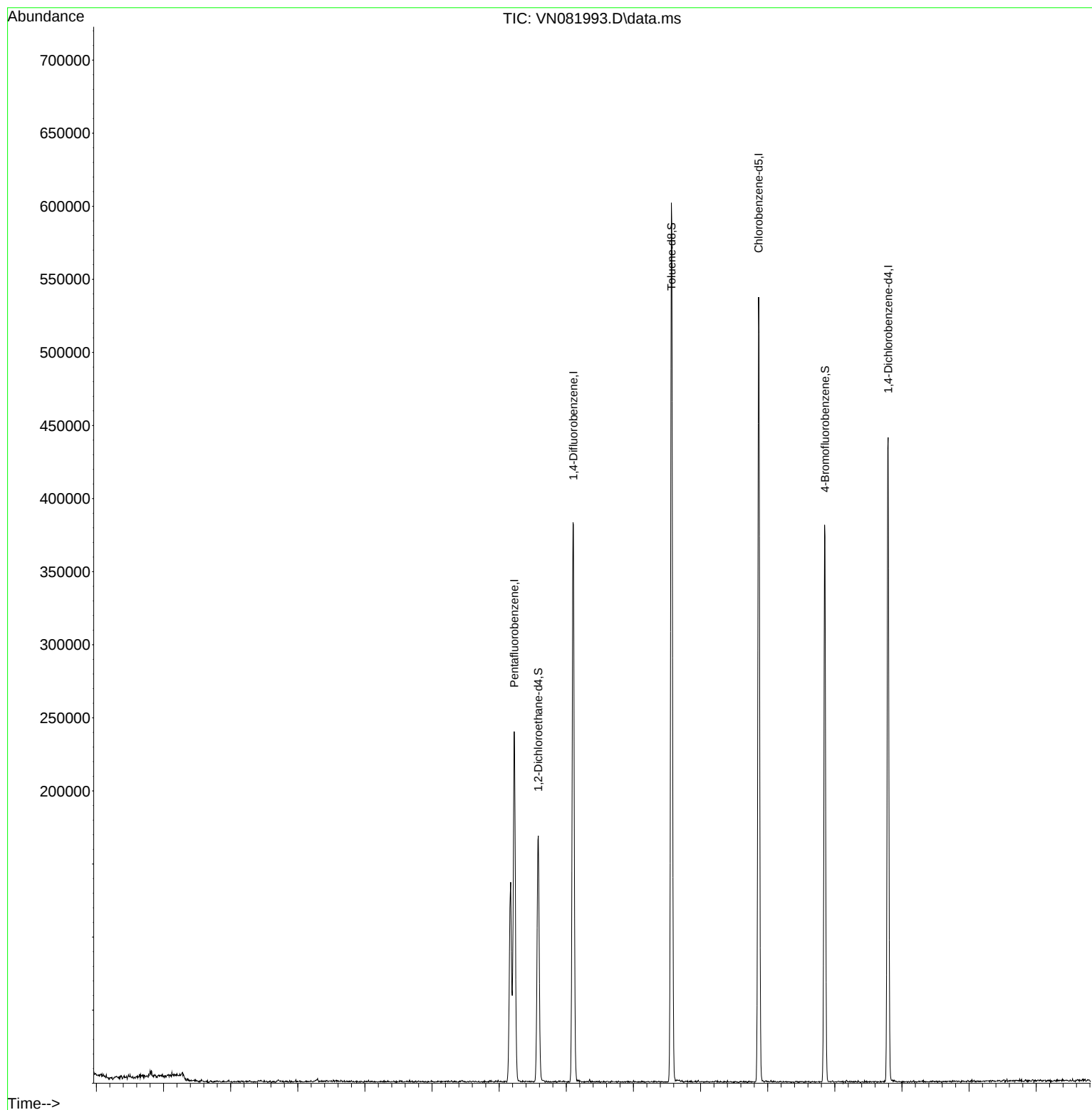
Target Compounds Qvalue

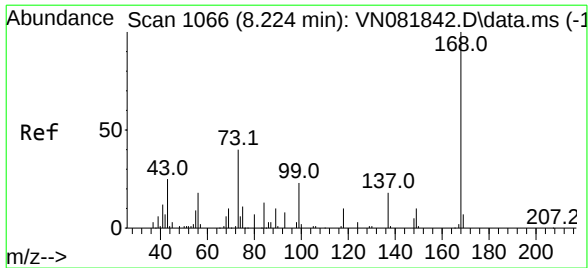
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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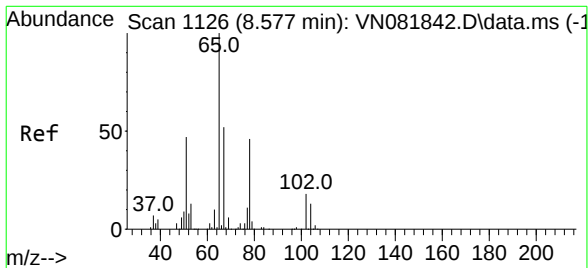
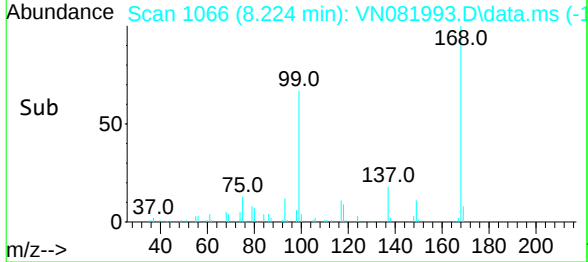
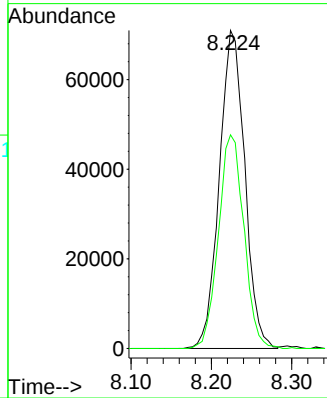
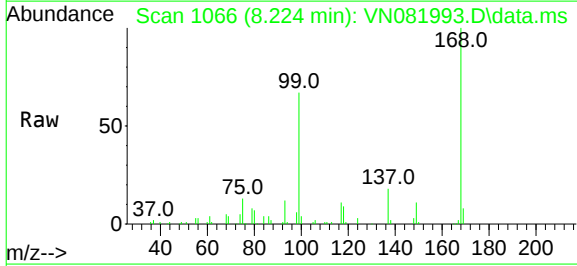




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081993.D
Acq: 03 May 2024 15:48

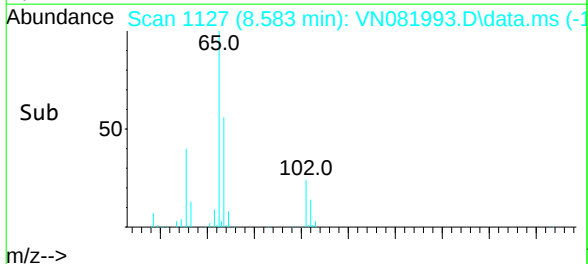
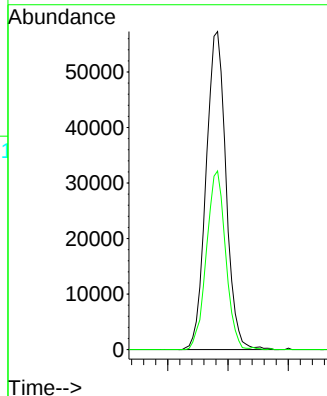
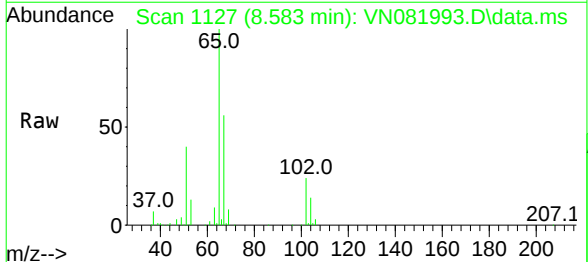
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

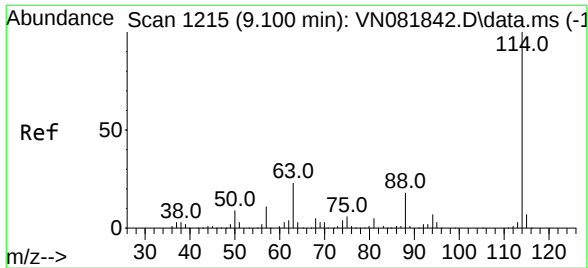
Tgt Ion:168 Resp: 156087
Ion Ratio Lower Upper
168 100
99 67.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 49.965 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081993.D
Acq: 03 May 2024 15:48

Tgt Ion: 65 Resp: 131624
Ion Ratio Lower Upper
65 100
67 54.0 0.0 103.0

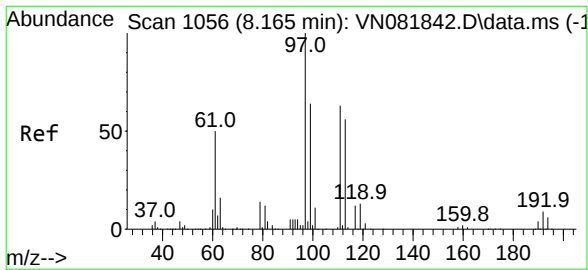
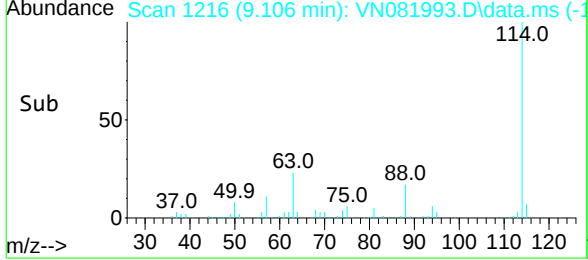
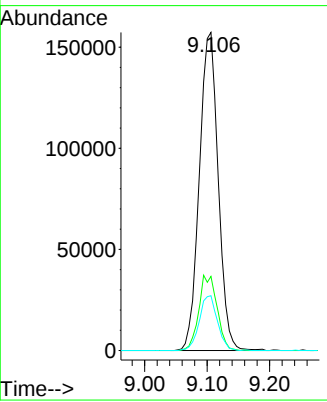
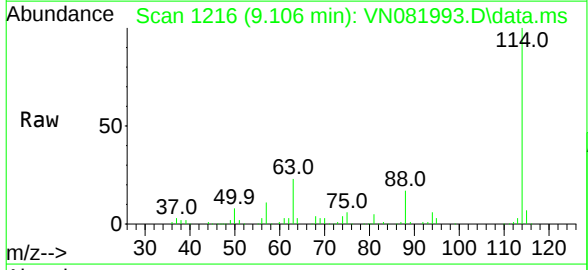




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN081993.D
 Acq: 03 May 2024 15:48

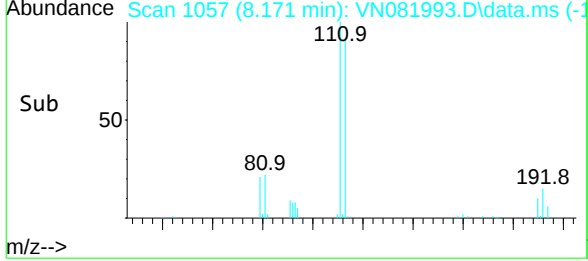
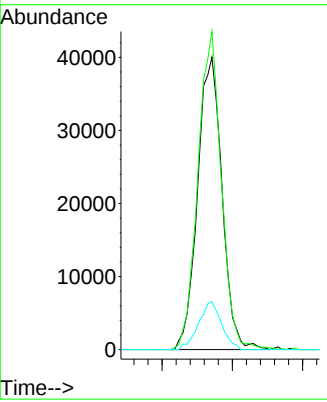
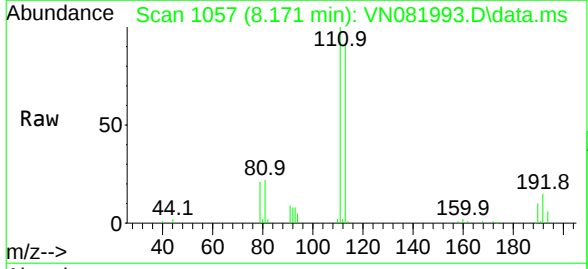
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

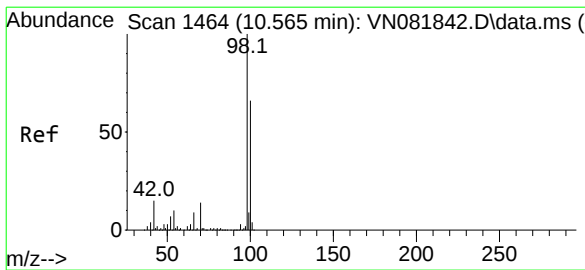
Tgt Ion:	114	Resp:	329983
Ion Ratio	Lower	Upper	
114	100		
63	23.3	0.0	41.0
88	17.2	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 48.698 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN081993.D
 Acq: 03 May 2024 15:48

Tgt Ion:	113	Resp:	96753
Ion Ratio	Lower	Upper	
113	100		
111	104.4	83.4	125.2
192	15.4	14.0	21.0





#50

Toluene-d8

Concen: 53.256 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN081993.D

Acq: 03 May 2024 15:48

Instrument :

MSVOA_N

ClientSampleId :

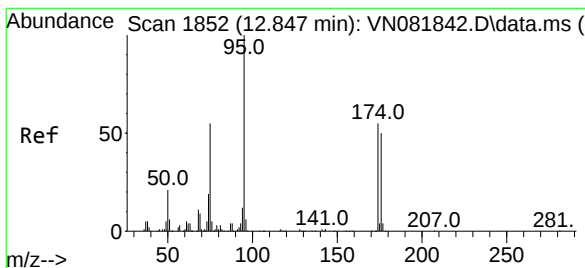
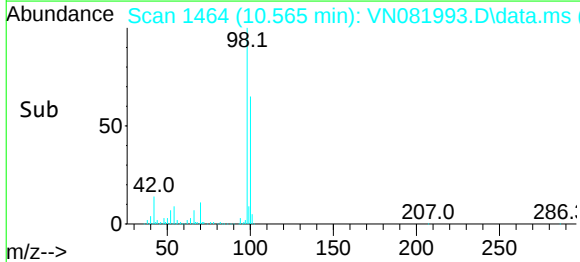
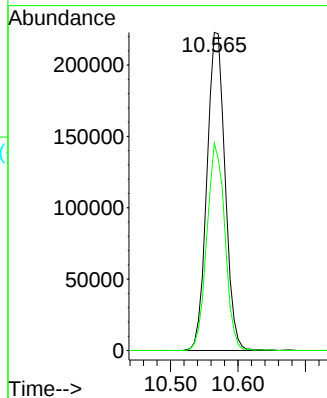
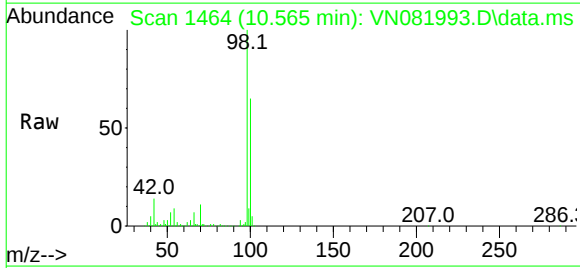
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 98 Resp: 415553

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 44.846 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN081993.D

Acq: 03 May 2024 15:48

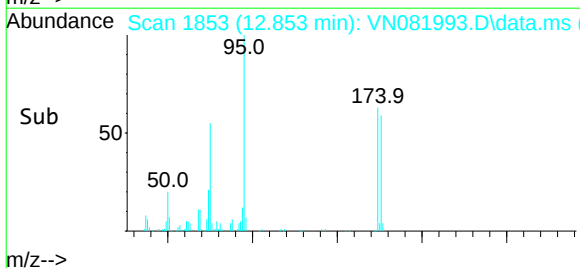
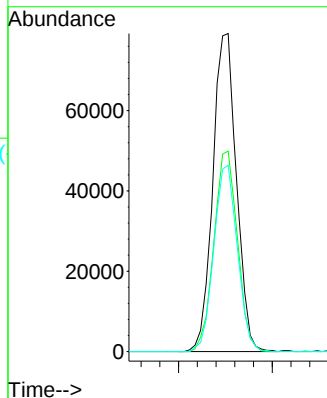
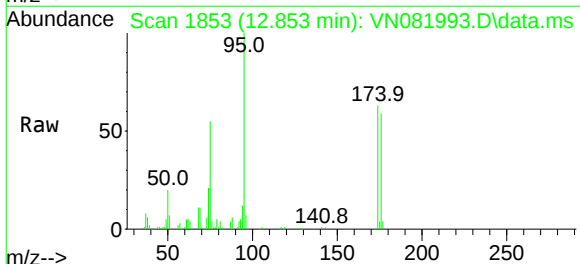
Tgt Ion: 95 Resp: 138329

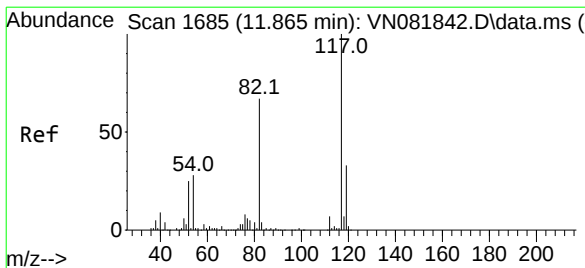
Ion Ratio Lower Upper

95 100

174 62.8 0.0 160.6

176 58.5 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.000 min

Lab File: VN081993.D

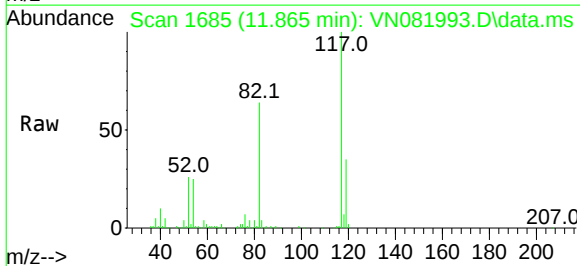
Acq: 03 May 2024 15:48

Instrument :

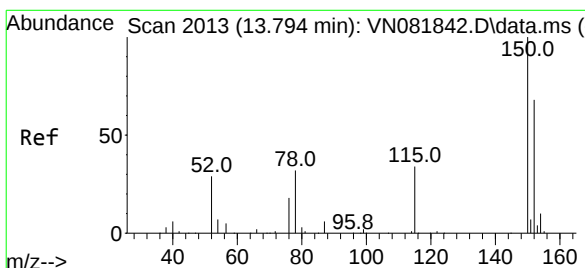
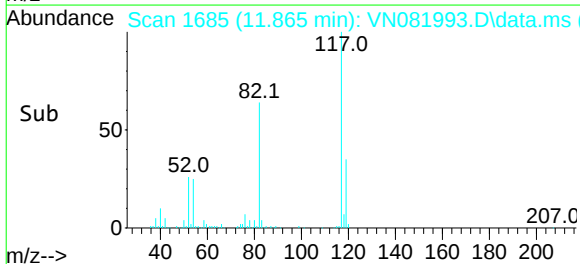
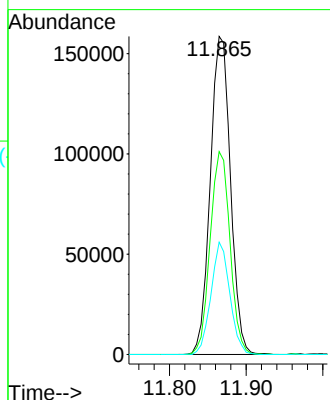
MSVOA_N

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STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:	117	Resp:	290078
Ion	Ratio	Lower	Upper
117	100		
82	63.8	44.6	66.8
119	35.3	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081993.D

Acq: 03 May 2024 15:48

Tgt Ion:	152	Resp:	109584
Ion	Ratio	Lower	Upper
152	100		
115	64.2	30.4	91.3
150	160.2	0.0	353.2

