

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085504.D
 Acq On : 17 Jan 2025 19:12
 Operator : JC\MD
 Sample : Q1124-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Jan 17 22:41:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	162957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147793	56.185	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.380%
35) Dibromofluoromethane	8.165	113	109291	49.604	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.200%
50) Toluene-d8	10.565	98	370313	47.305	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.600%
62) 4-Bromofluorobenzene	12.847	95	117421	43.849	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.700%

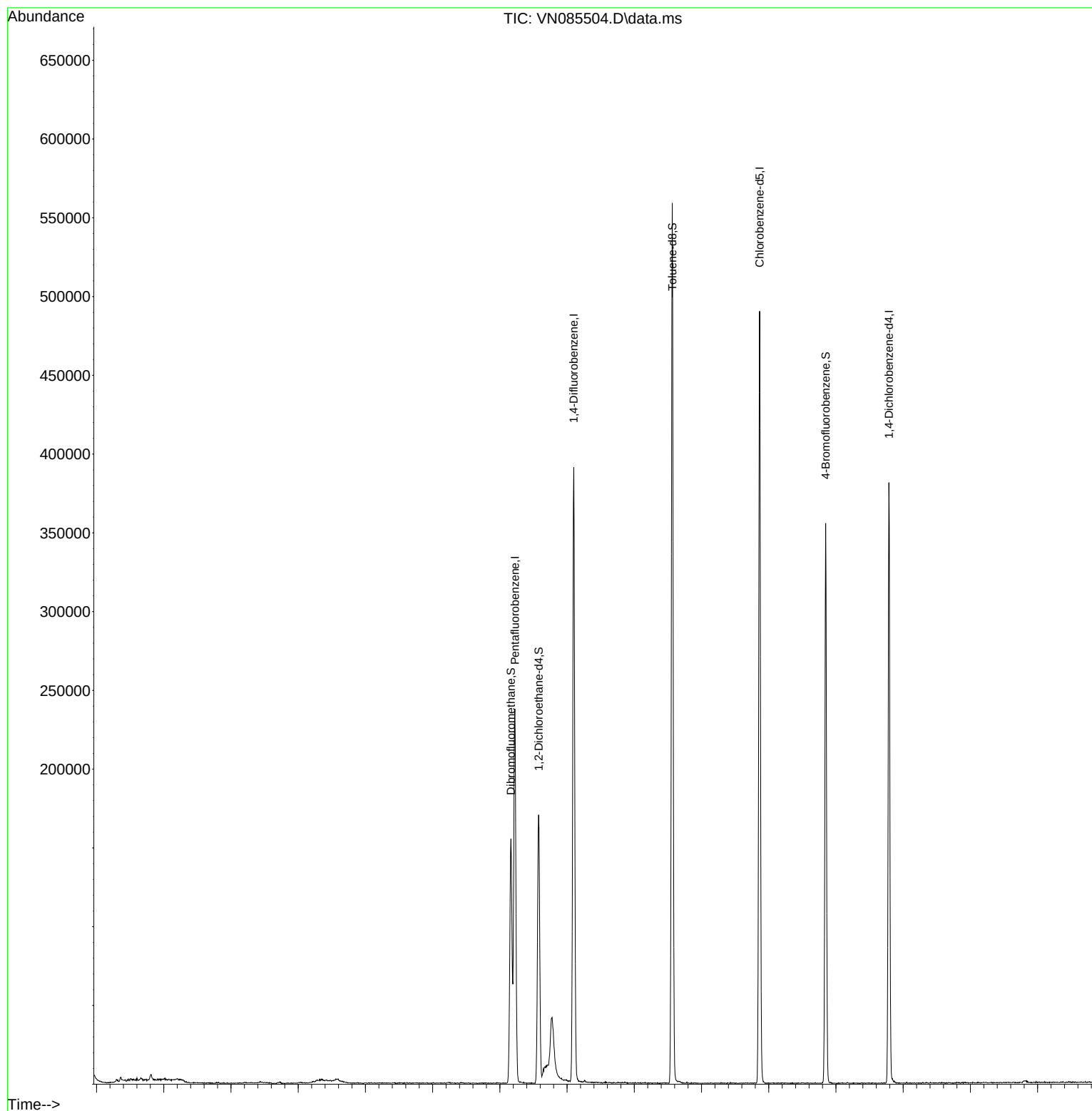
Target Compounds Qvalue

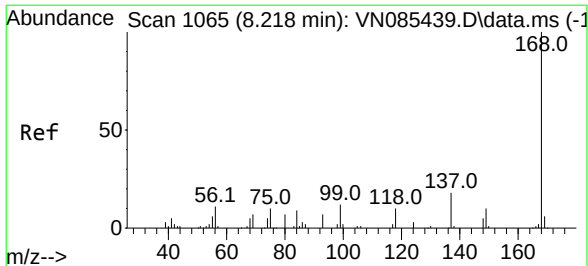
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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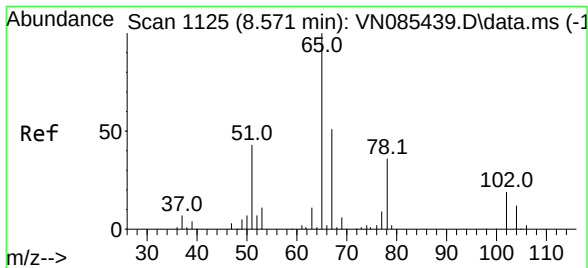
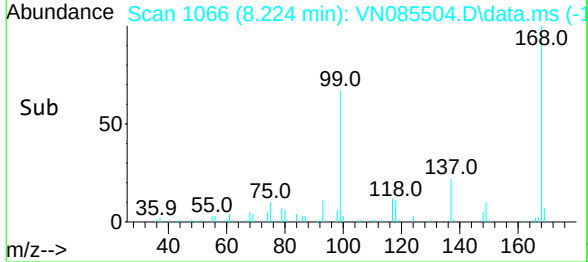
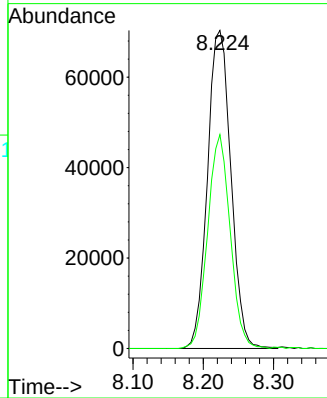
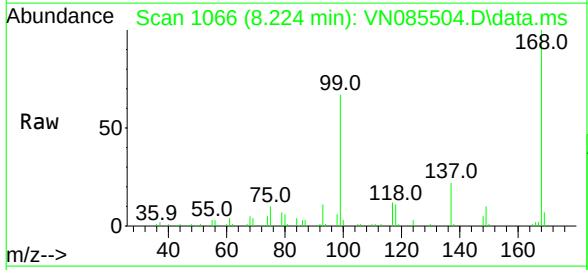




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085504.D
Acq: 17 Jan 2025 19:12

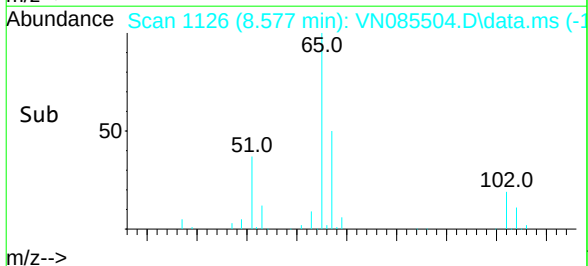
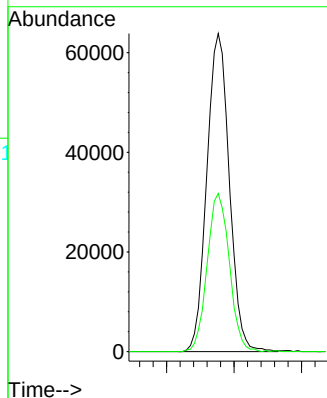
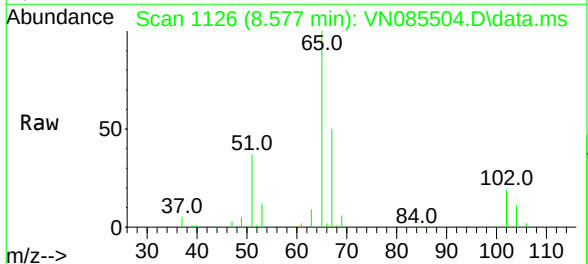
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

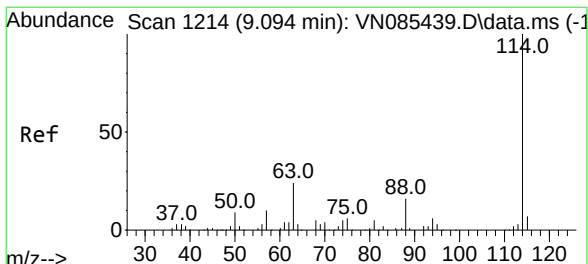
Tgt Ion:168 Resp: 162957
Ion Ratio Lower Upper
168 100
99 67.3 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 56.185 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085504.D
Acq: 17 Jan 2025 19:12

Tgt Ion: 65 Resp: 147793
Ion Ratio Lower Upper
65 100
67 48.9 0.0 101.6

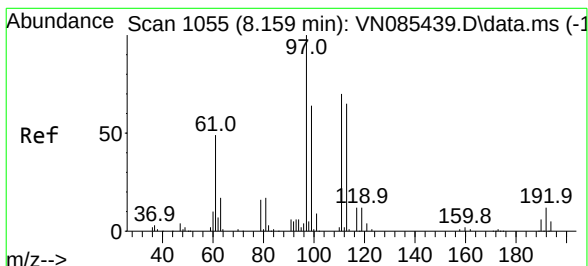
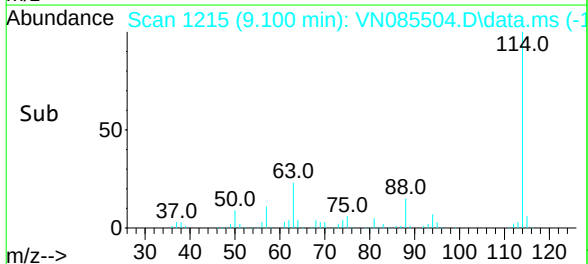
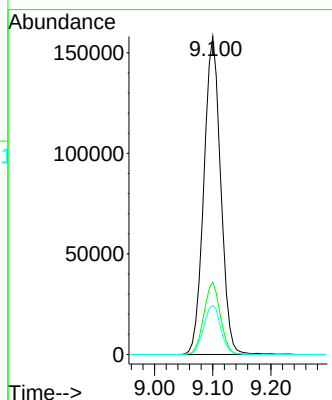
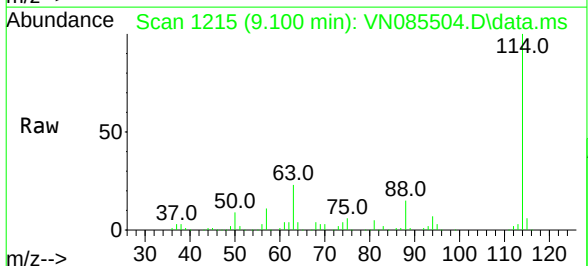




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085504.D
 Acq: 17 Jan 2025 19:12

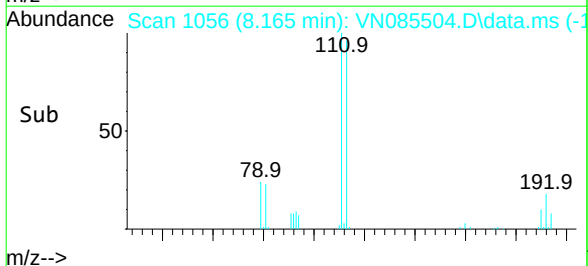
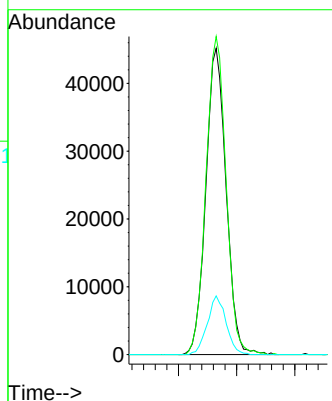
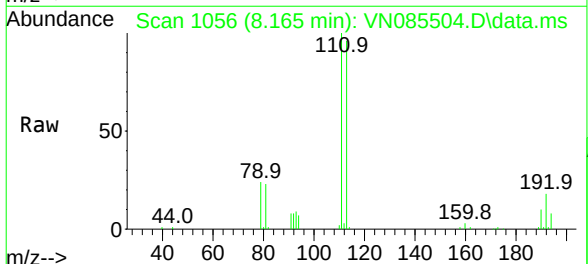
Instrument : MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

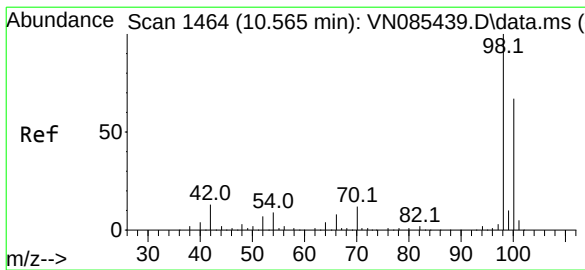
Tgt Ion:	114	Resp:	317588
Ion Ratio	Lower	Upper	
114	100		
63	22.7	0.0	47.6
88	15.5	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 49.604 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085504.D
 Acq: 17 Jan 2025 19:12

Tgt Ion:	113	Resp:	109291
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.7	124.1
192	17.7	14.3	21.5





#50

Toluene-d8

Concen: 47.305 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085504.D

Acq: 17 Jan 2025 19:12

Instrument :

MSVOA_N

ClientSampleId :

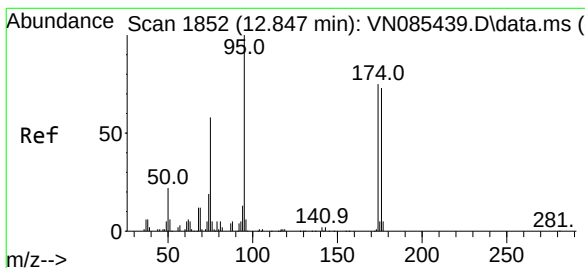
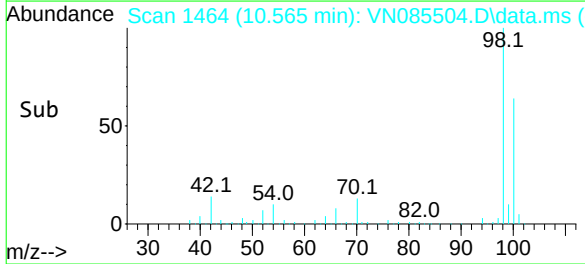
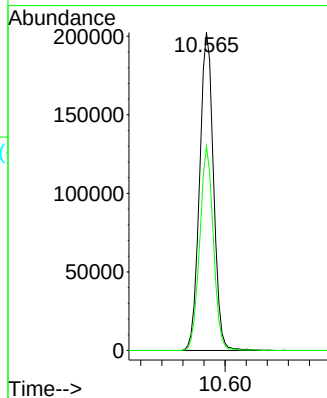
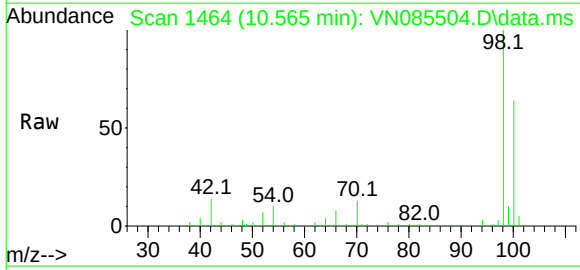
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 370313

Ion Ratio Lower Upper

98 100

100 62.9 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 43.849 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085504.D

Acq: 17 Jan 2025 19:12

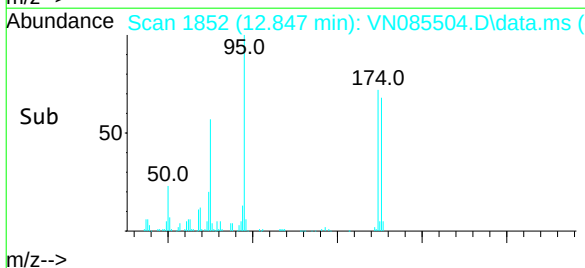
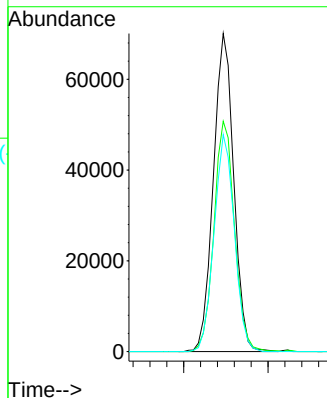
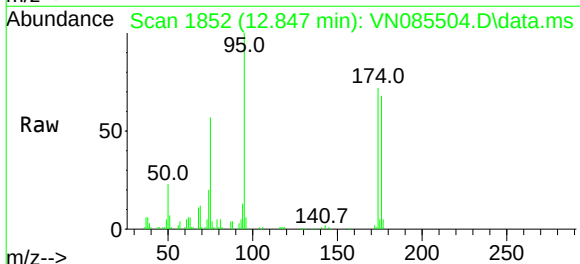
Tgt Ion: 95 Resp: 117421

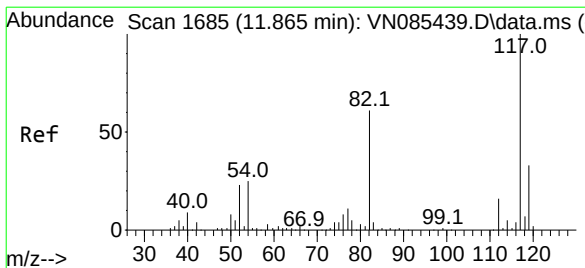
Ion Ratio Lower Upper

95 100

174 73.3 0.0 145.0

176 68.1 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.000 min

Lab File: VN085504.D

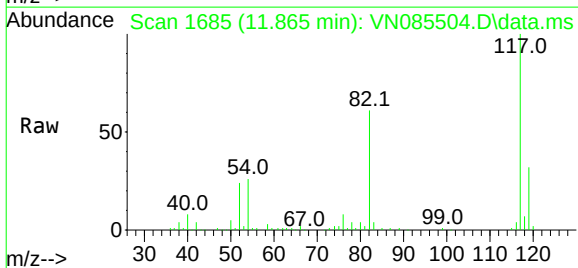
Acq: 17 Jan 2025 19:12

Instrument :

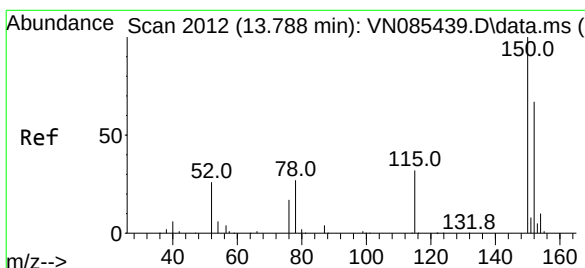
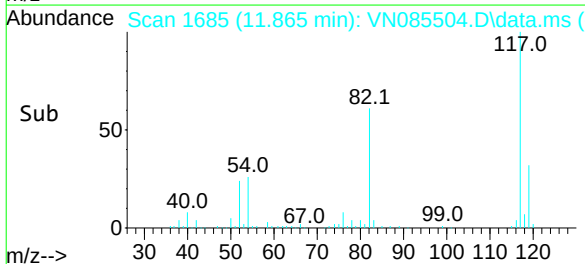
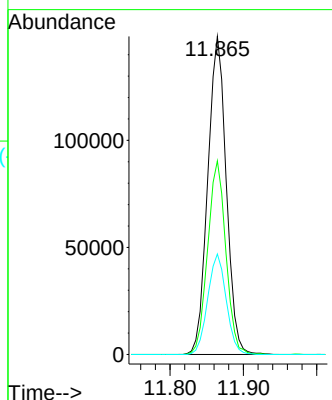
MSVOA_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT



Tgt Ion:	117	Resp:	260599
Ion	Ratio	Lower	Upper
117	100		
82	60.9	48.6	72.8
119	31.6	26.6	39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085504.D

Acq: 17 Jan 2025 19:12

Tgt Ion:	152	Resp:	99313
Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.1	93.3
150	154.1	0.0	343.6

