

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012725\
 Data File : VN085523.D
 Acq On : 27 Jan 2025 17:58
 Operator : JC\MD
 Sample : Q1194-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Jan 28 02:03:46 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	180339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	326143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154833	53.188	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.380%		
35) Dibromofluoromethane	8.165	113	116109	51.316	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.640%		
50) Toluene-d8	10.565	98	396116	49.274	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.540%		
62) 4-Bromofluorobenzene	12.847	95	129268	47.007	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 94.020%		

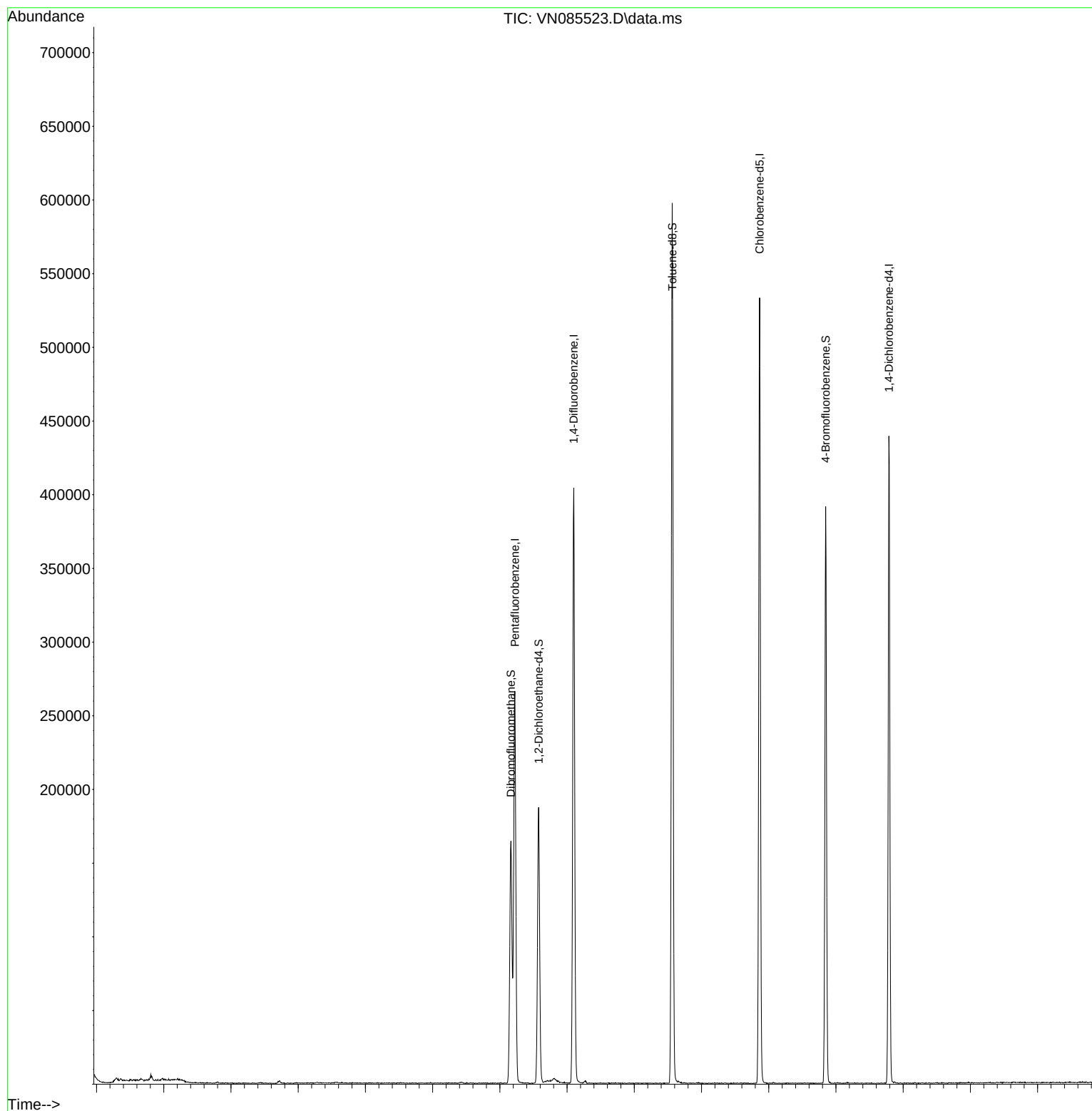
Target Compounds Qvalue

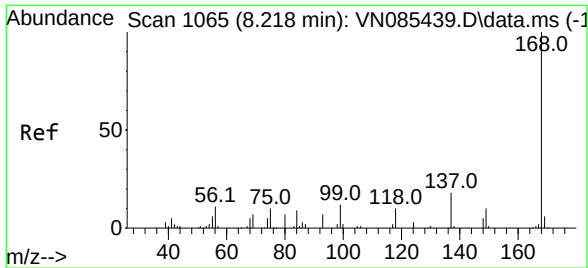
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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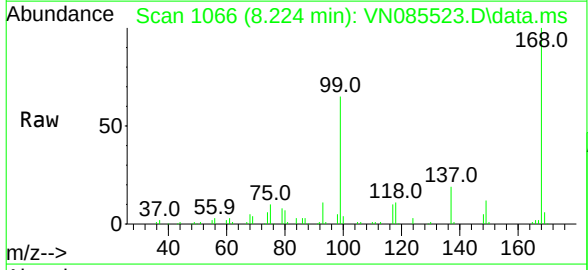
Quant Time: Jan 28 02:03:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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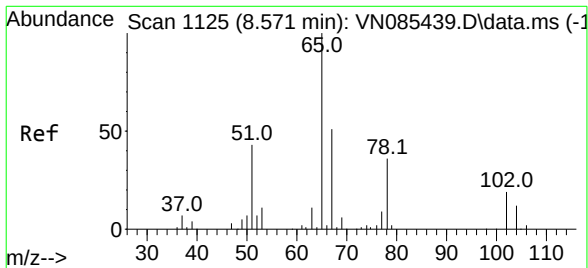
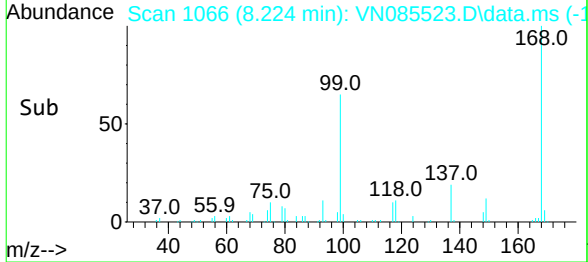
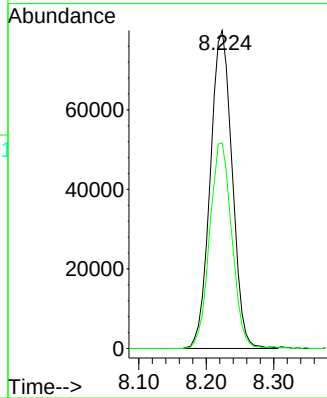


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085523.D
Acq: 27 Jan 2025 17:58

Instrument :
MSVOA_N
ClientSampleId :
TB

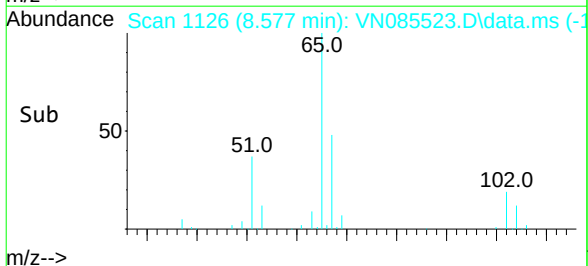
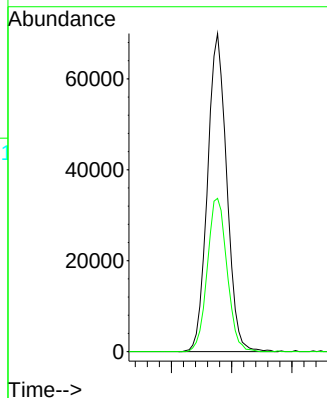
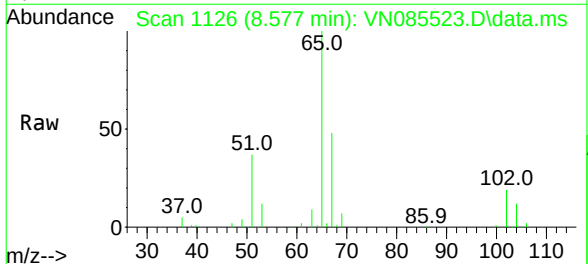


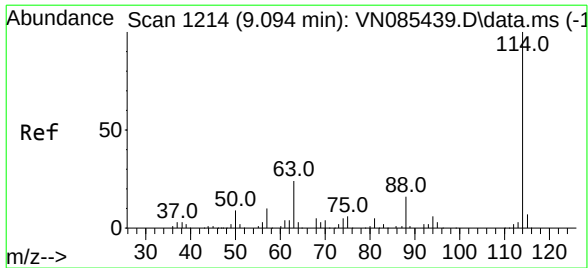
Tgt Ion:168 Resp: 180339
Ion Ratio Lower Upper
168 100
99 64.6 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 53.188 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085523.D
Acq: 27 Jan 2025 17:58

Tgt Ion: 65 Resp: 154833
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.6

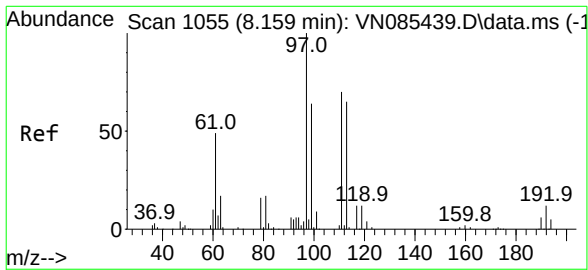
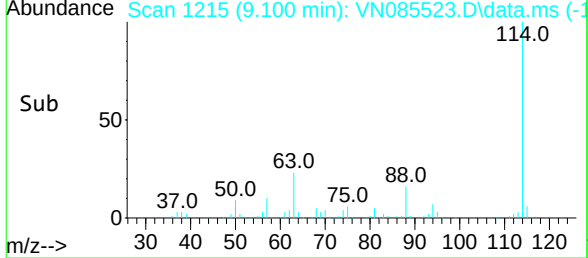
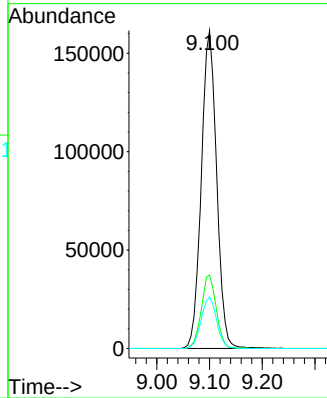
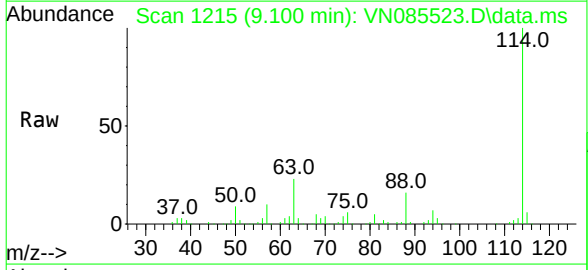




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VN085523.D
Acq: 27 Jan 2025 17:58

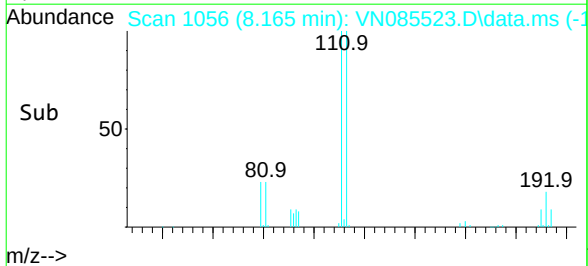
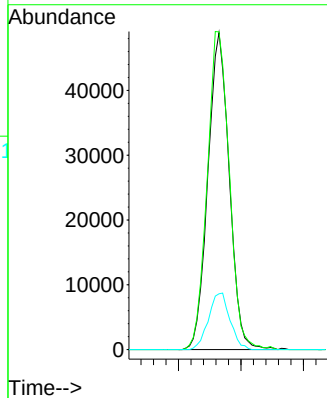
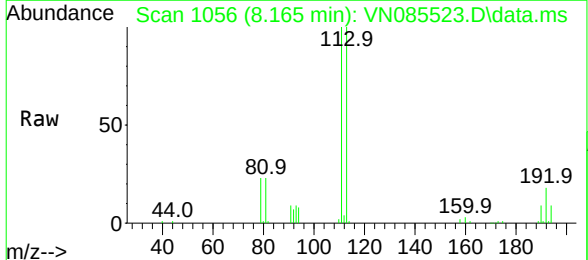
Instrument :
MSVOA_N
ClientSampleId :
TB

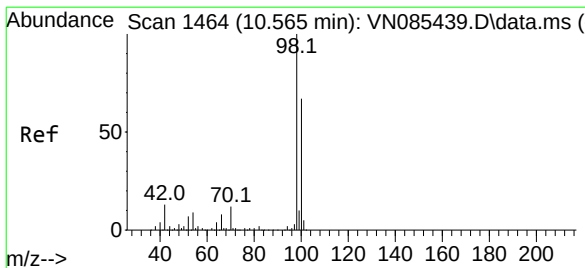
Tgt Ion:	114	Resp:	326143
Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	47.6
88	16.2	0.0	32.6



#35
Dibromofluoromethane
Concen: 51.316 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085523.D
Acq: 27 Jan 2025 17:58

Tgt Ion:	113	Resp:	116109
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.7	124.1
192	17.9	14.3	21.5





#50

Toluene-d8

Concen: 49.274 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085523.D

Acq: 27 Jan 2025 17:58

Instrument :

MSVOA_N

ClientSampleId :

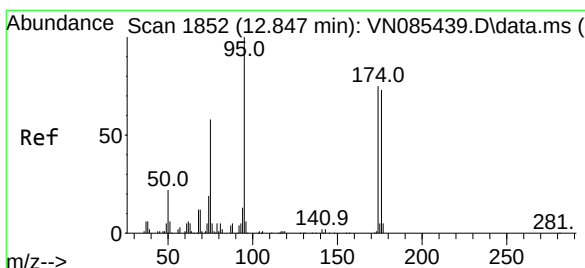
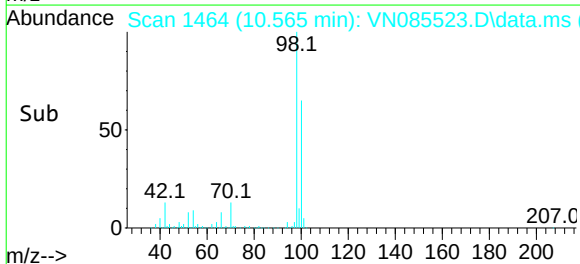
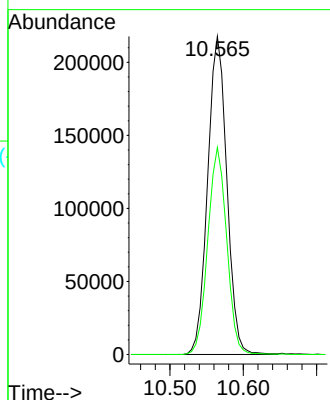
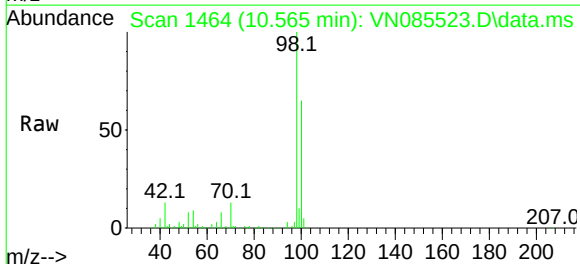
TB

Tgt Ion: 98 Resp: 396116

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 47.007 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085523.D

Acq: 27 Jan 2025 17:58

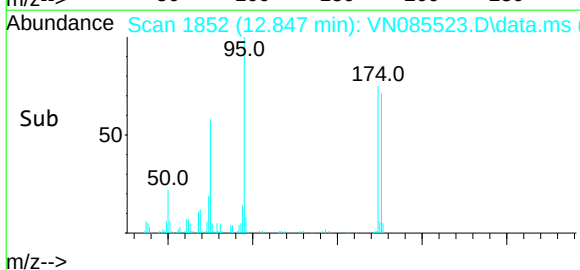
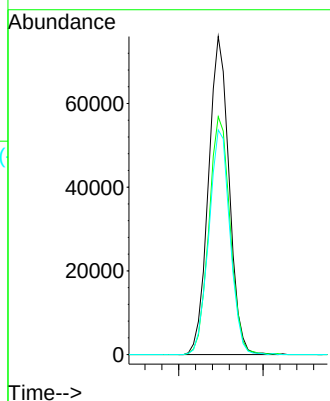
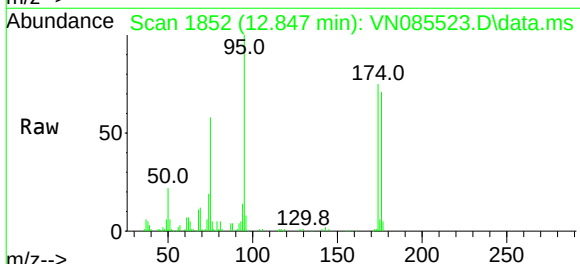
Tgt Ion: 95 Resp: 129268

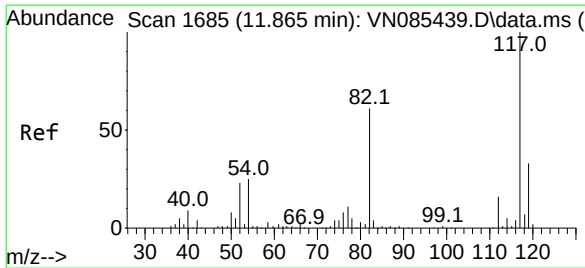
Ion Ratio Lower Upper

95 100

174 76.9 0.0 145.0

176 72.1 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: VN085523.D

Acq: 27 Jan 2025 17:58

Instrument :

MSVOA_N

ClientSampleId :

TB

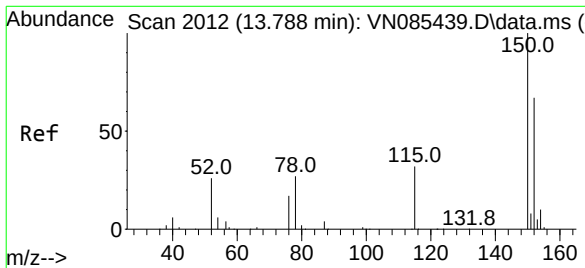
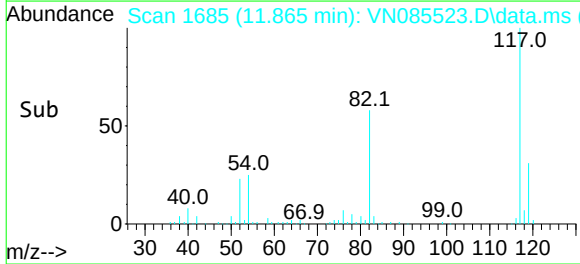
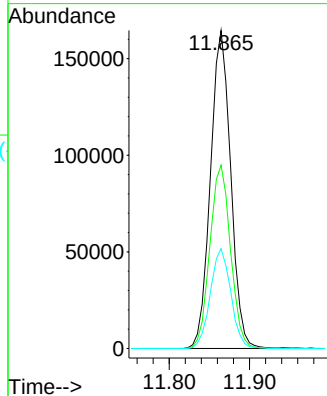
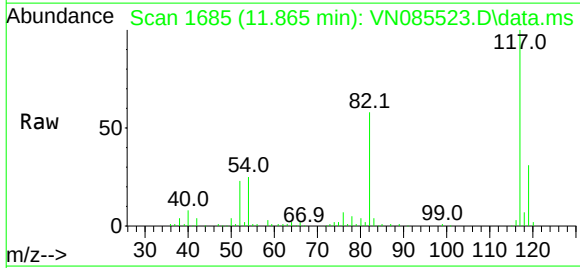
Tgt Ion:117 Resp: 288357

Ion Ratio Lower Upper

117 100

82 57.6 48.6 72.8

119 31.4 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: VN085523.D

Acq: 27 Jan 2025 17:58

Tgt Ion:152 Resp: 112650

Ion Ratio Lower Upper

152 100

115 62.6 31.1 93.3

150 160.0 0.0 343.6

