

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
 Data File : VN085403.D
 Acq On : 09 Jan 2025 12:43
 Operator : JC\MD
 Sample : VN0109WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0109WBL01

Quant Time: Jan 10 00:16:47 2025
 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	8.218	168	182405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	342003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	292931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150556	57.870	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 115.740%		
35) Dibromofluoromethane	8.165	113	115178	53.983	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.960%		
50) Toluene-d8	10.559	98	408966	52.235	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.460%		
62) 4-Bromofluorobenzene	12.847	95	123089	47.338	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 94.680%		

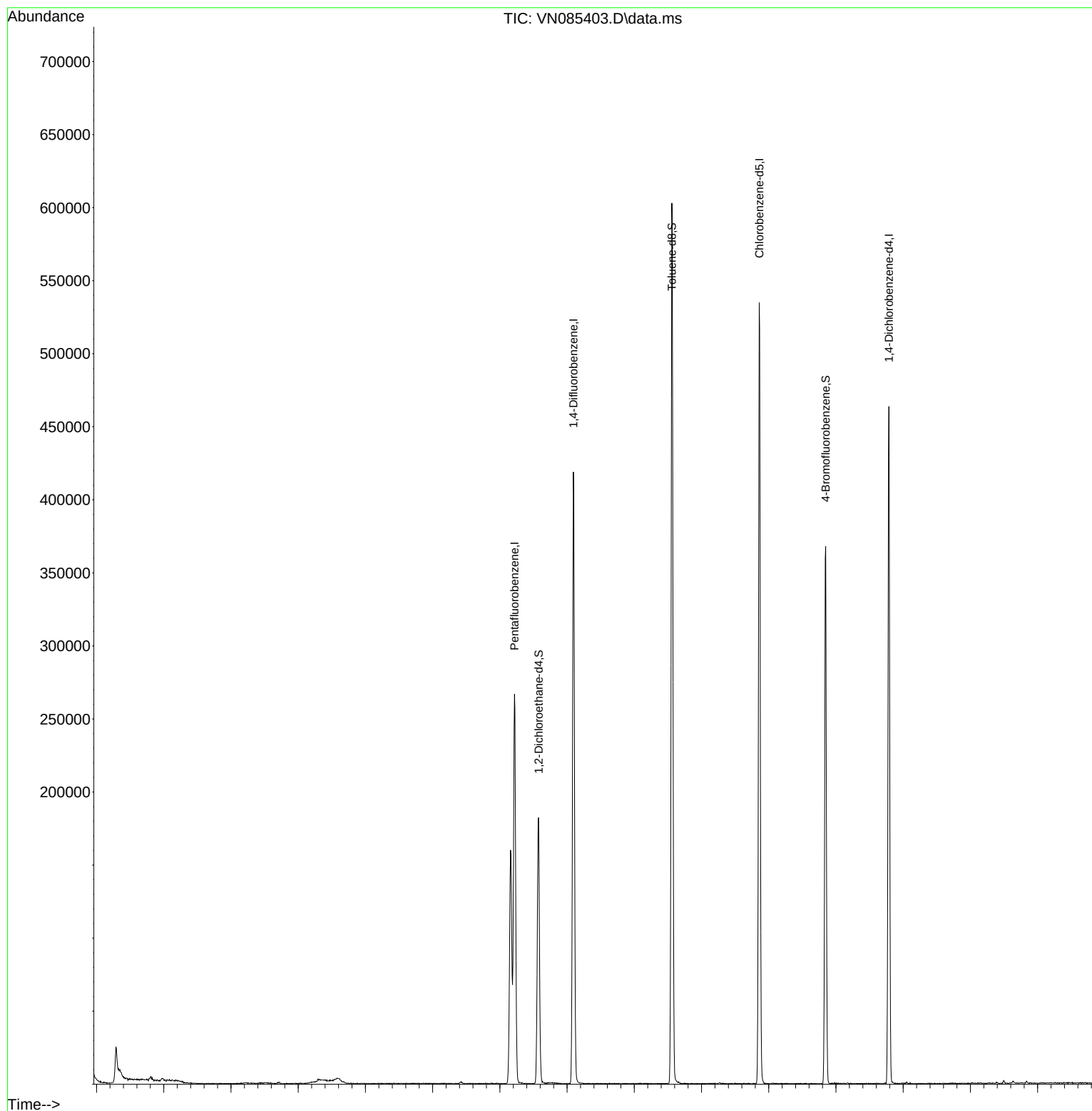
Target Compounds Qvalue

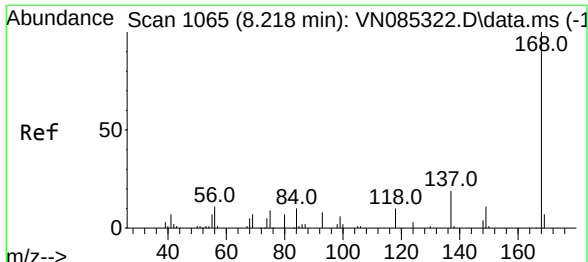
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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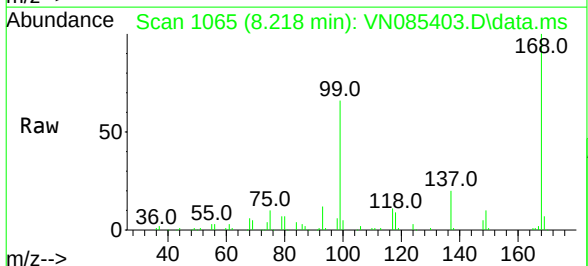
Quant Time: Jan 10 00:16:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
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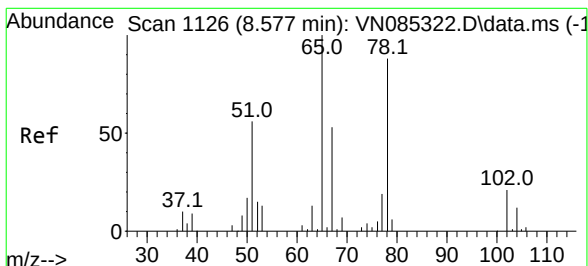
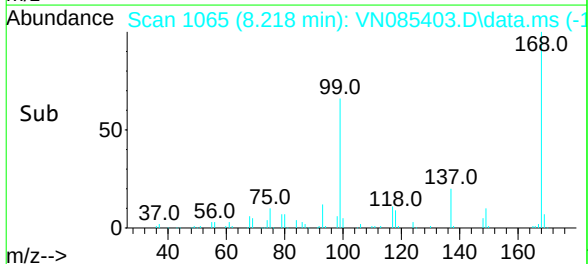
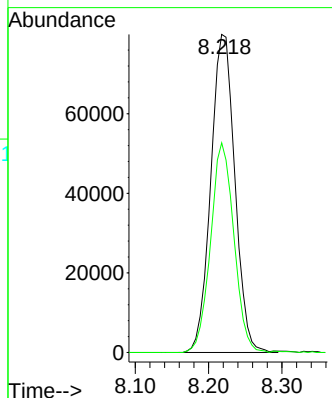


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VN0109WBL01

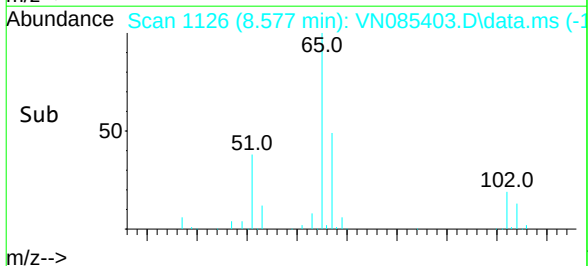
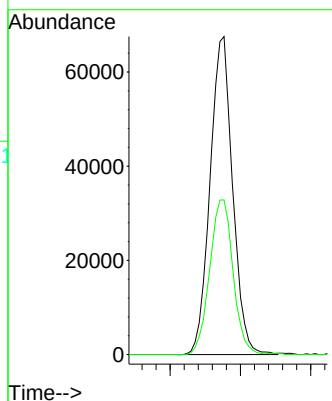
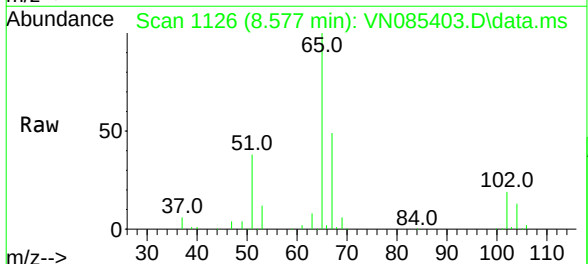


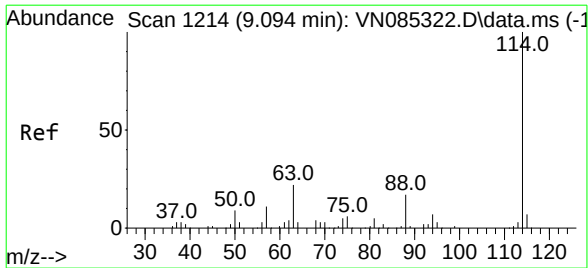
Tgt Ion:168 Resp: 182405
Ion Ratio Lower Upper
168 100
99 65.9 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 57.870 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

Tgt Ion: 65 Resp: 150556
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.0

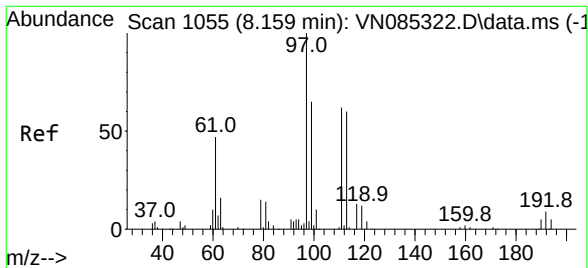
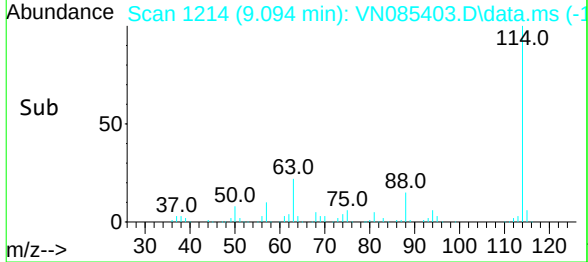
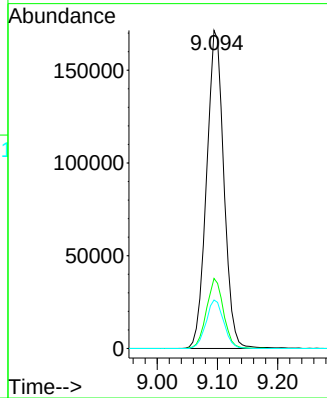
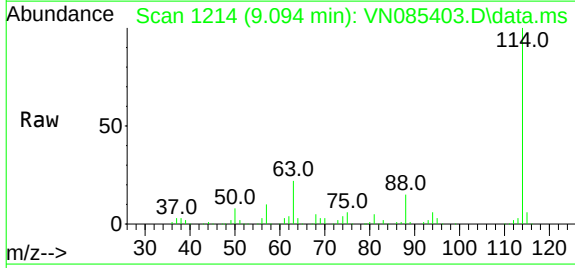




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

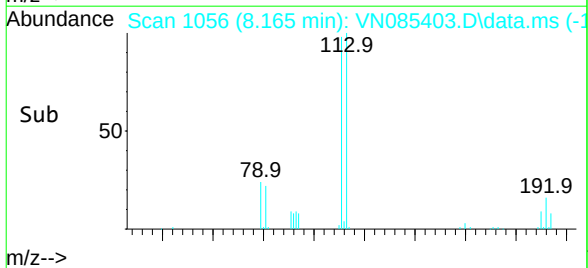
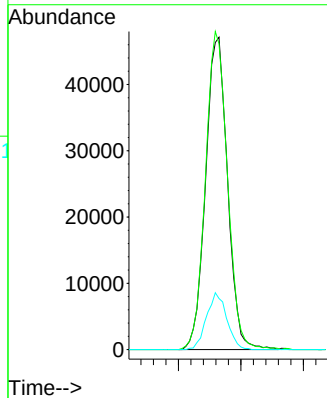
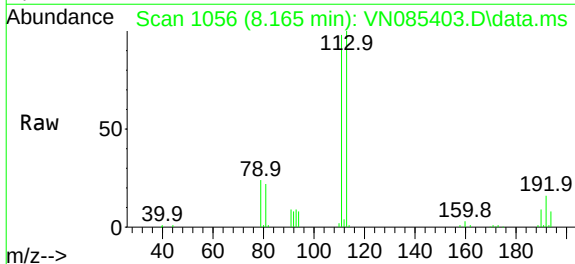
Instrument :
MSVOA_N
ClientSampleId :
VN0109WBL01

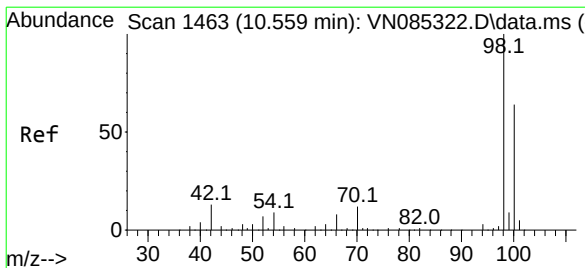
Tgt Ion:114 Resp: 342003
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.4
88 15.2 0.0 33.6



#35
Dibromofluoromethane
Concen: 53.983 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

Tgt Ion:113 Resp: 115178
Ion Ratio Lower Upper
113 100
111 101.9 80.5 120.7
192 16.8 12.9 19.3





#50

Toluene-d8

Concen: 52.235 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VN085403.D

Acq: 09 Jan 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

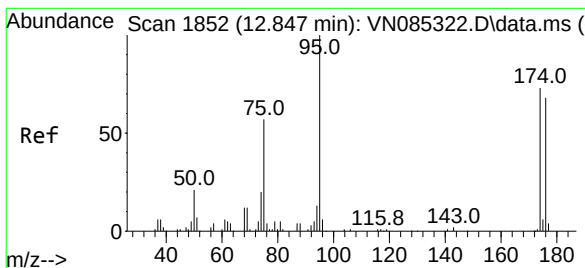
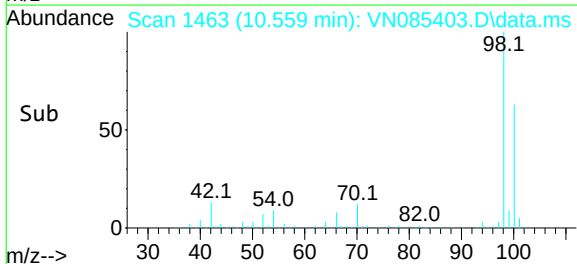
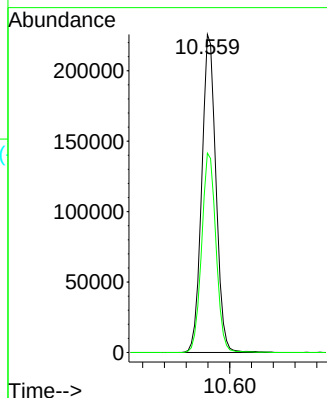
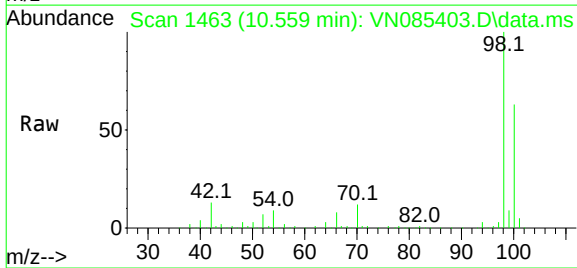
VN0109WBL01

Tgt Ion: 98 Resp: 408966

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.338 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085403.D

Acq: 09 Jan 2025 12:43

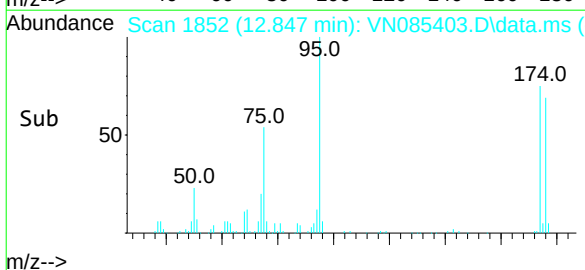
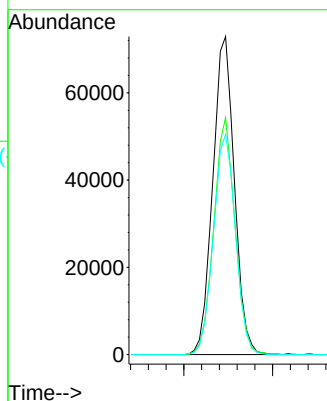
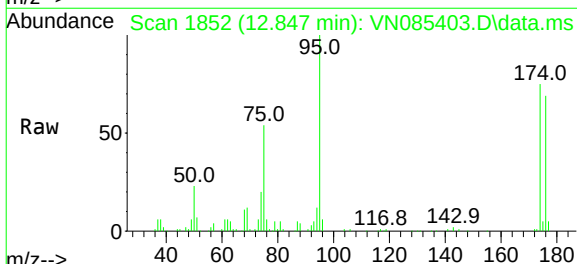
Tgt Ion: 95 Resp: 123089

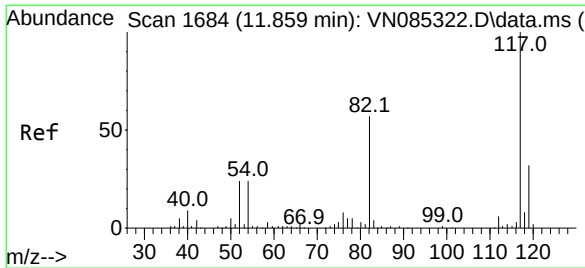
Ion Ratio Lower Upper

95 100

174 73.7 0.0 143.2

176 70.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 16

Delta R.T. 0.000 min

Lab File: VN085403.D

Acq: 09 Jan 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

VN0109WBL01

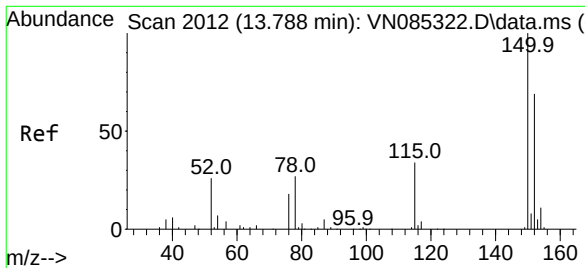
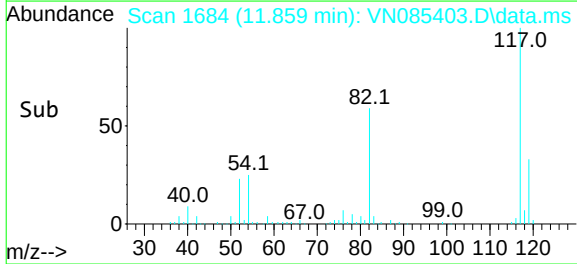
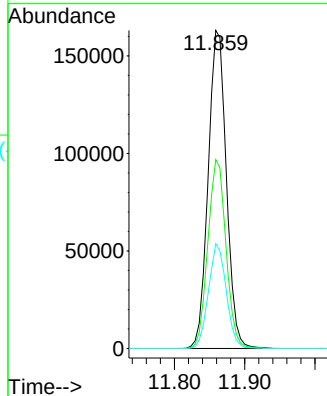
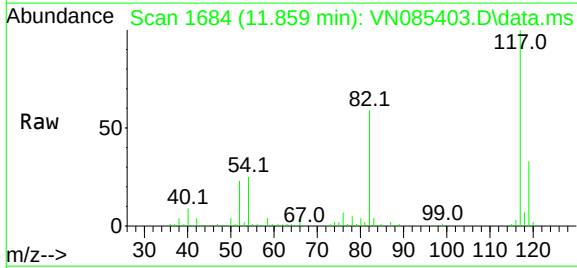
Tgt Ion:117 Resp: 292931

Ion Ratio Lower Upper

117 100

82 59.4 45.7 68.5

119 32.9 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: VN085403.D

Acq: 09 Jan 2025 12:43

Tgt Ion:152 Resp: 119086

Ion Ratio Lower Upper

152 100

115 62.4 30.4 91.3

150 157.1 0.0 345.0

