

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
 Data File : VN085455.D
 Acq On : 15 Jan 2025 12:37
 Operator : JC\MD
 Sample : Q1062-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB190A-HYD-20250107

Quant Time: Jan 16 00:56:42 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	183777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	332391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	157915	53.232	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	106.460%	
35) Dibromofluoromethane	8.165	113	118493	51.385	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.780%	
50) Toluene-d8	10.565	98	403278	49.222	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	98.440%	
62) 4-Bromofluorobenzene	12.847	95	131868	47.051	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	94.100%	

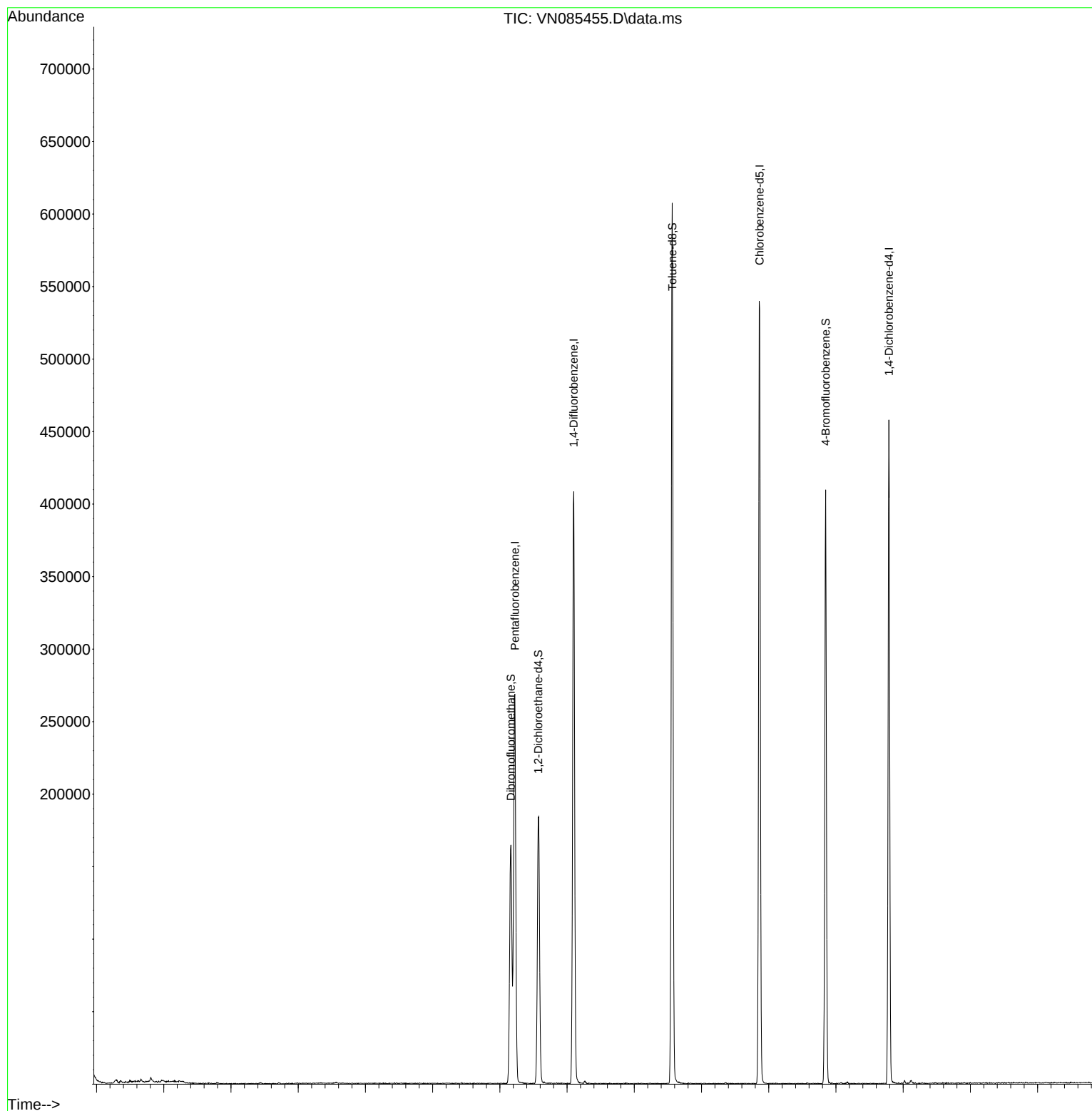
Target Compounds Qvalue

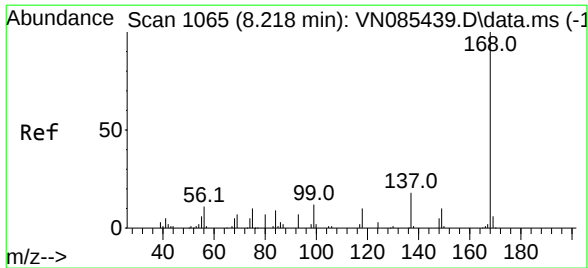
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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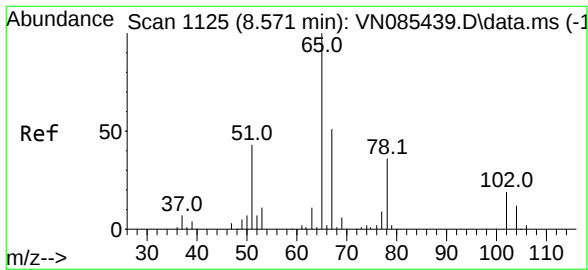
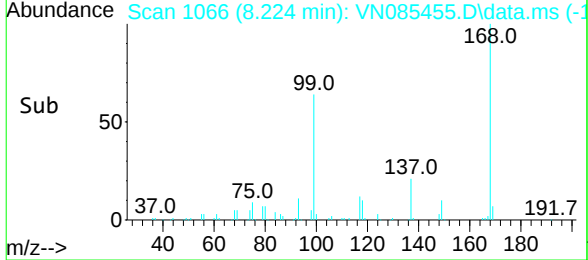
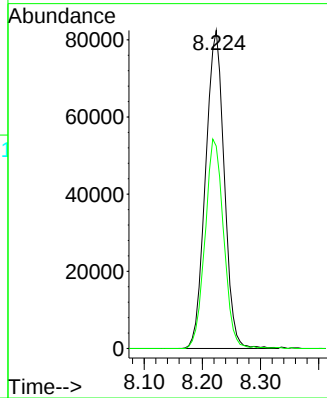
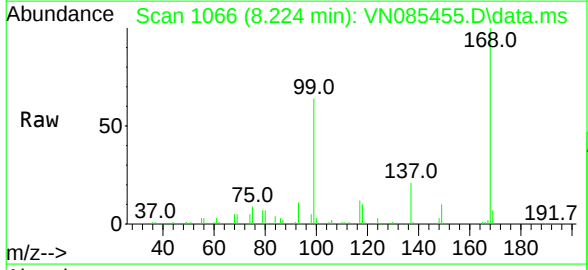




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085455.D
Acq: 15 Jan 2025 12:37

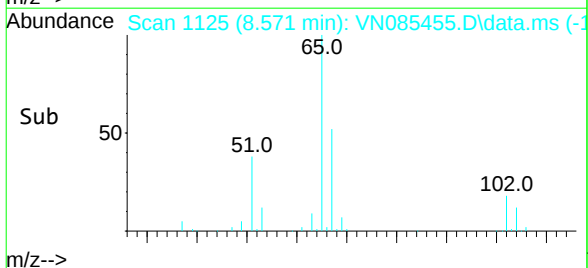
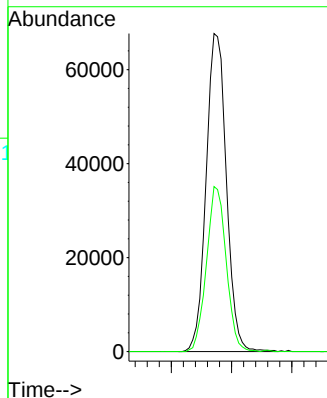
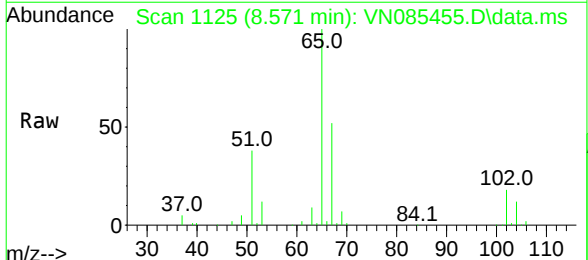
Instrument :
MSVOA_N
ClientSampleId :
VPB190A-HYD-20250107

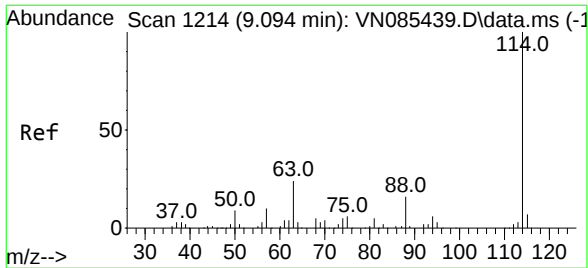
Tgt Ion:168 Resp: 183777
Ion Ratio Lower Upper
168 100
99 63.6 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 53.232 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085455.D
Acq: 15 Jan 2025 12:37

Tgt Ion: 65 Resp: 157915
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.6

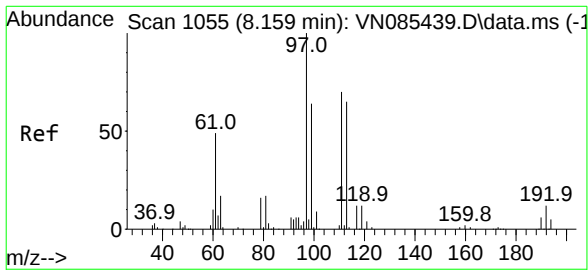
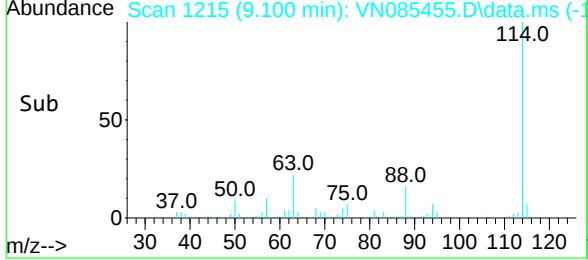
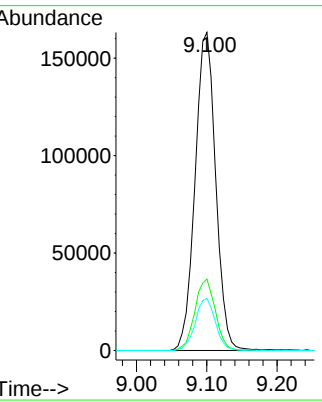
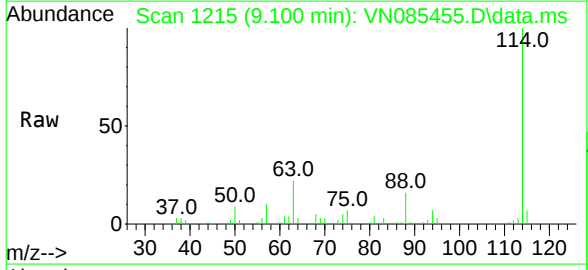




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085455.D
 Acq: 15 Jan 2025 12:37

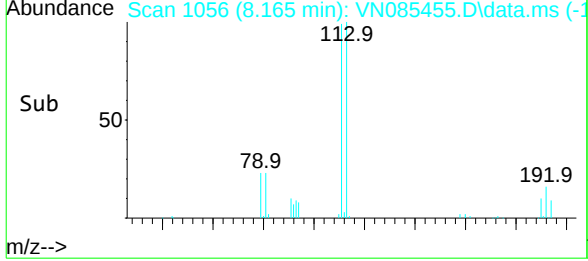
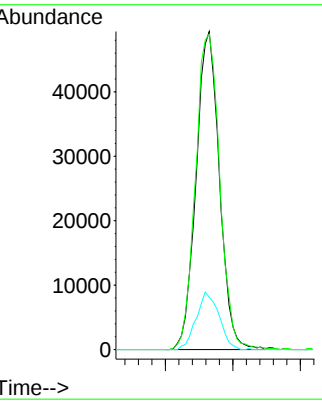
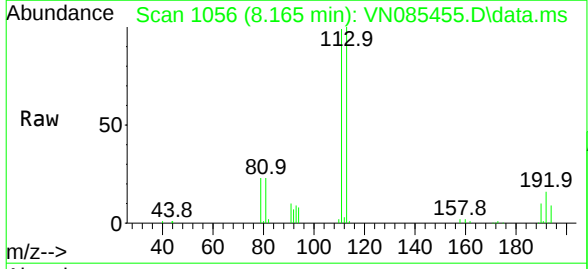
Instrument :
 MSVOA_N
 ClientSampleId :
 VPB190A-HYD-20250107

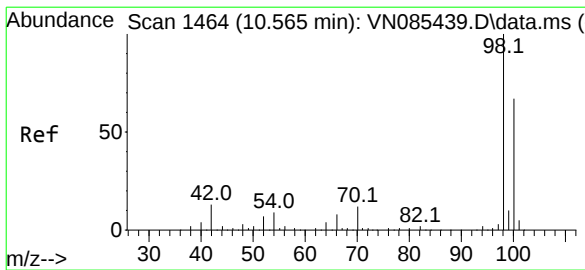
Tgt Ion:	114	Resp:	332391
Ion Ratio	Lower	Upper	
114	100		
63	22.5	0.0	47.6
88	16.4	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 51.385 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085455.D
 Acq: 15 Jan 2025 12:37

Tgt Ion:	113	Resp:	118493
Ion Ratio	Lower	Upper	
113	100		
111	103.5	82.7	124.1
192	17.6	14.3	21.5





#50

Toluene-d8

Concen: 49.222 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085455.D

Acq: 15 Jan 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

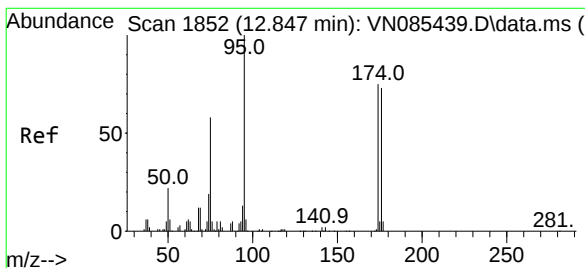
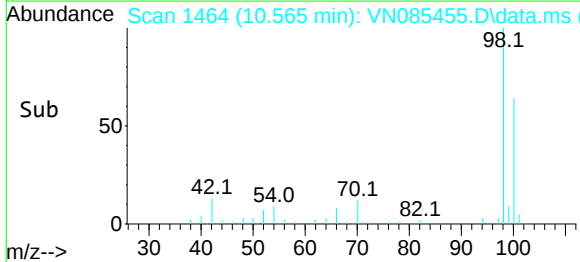
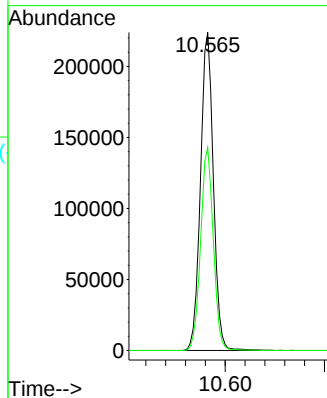
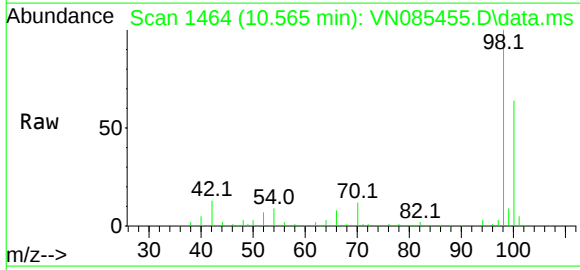
VPB190A-HYD-20250107

Tgt Ion: 98 Resp: 403278

Ion Ratio Lower Upper

98 100

100 63.1 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 47.051 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085455.D

Acq: 15 Jan 2025 12:37

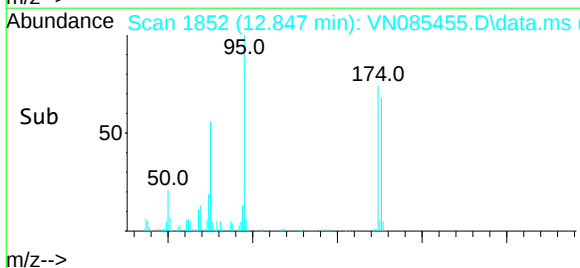
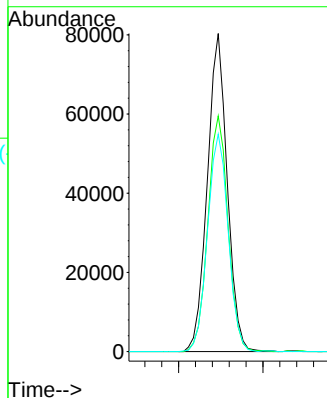
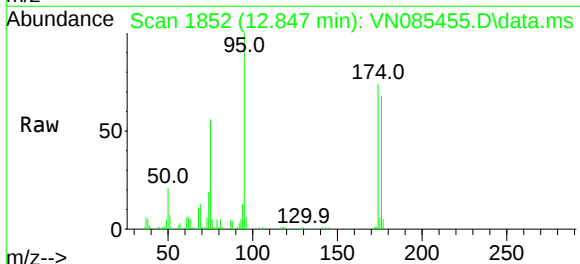
Tgt Ion: 95 Resp: 131868

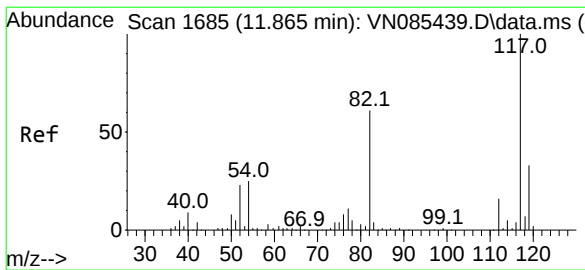
Ion Ratio Lower Upper

95 100

174 75.1 0.0 145.0

176 70.6 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: VN085455.D

Acq: 15 Jan 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

VPB190A-HYD-20250107

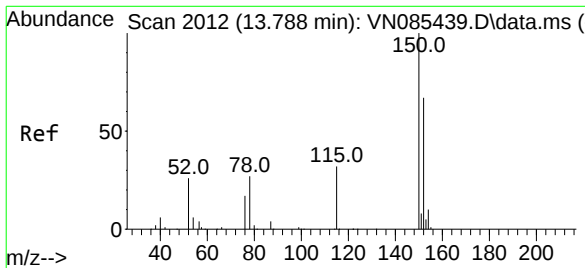
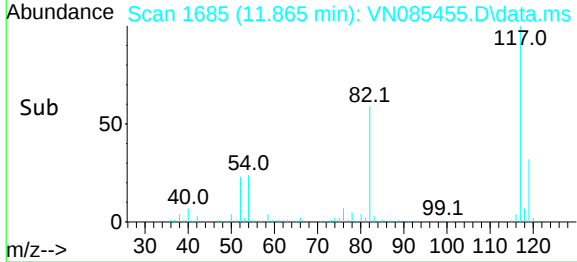
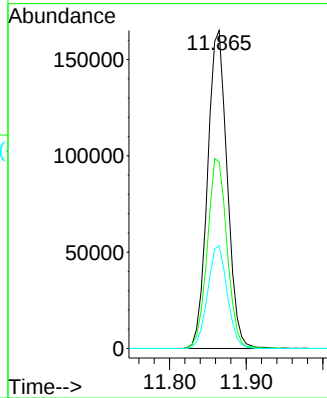
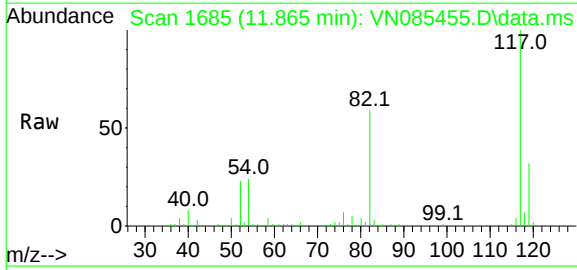
Tgt Ion:117 Resp: 293220

Ion Ratio Lower Upper

117 100

82 58.7 48.6 72.8

119 32.3 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: VN085455.D

Acq: 15 Jan 2025 12:37

Tgt Ion:152 Resp: 116419

Ion Ratio Lower Upper

152 100

115 61.9 31.1 93.3

150 158.7 0.0 343.6

