

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085287.D
 Acq On : 23 Dec 2024 12:02
 Operator : JC\MD
 Sample : VN1223MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223MBL01

Quant Time: Dec 24 04:06:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	141668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	254442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	222830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	88305	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	118343	47.793	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.580%
35) Dibromofluoromethane	8.159	113	90502	50.592	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.180%
50) Toluene-d8	10.565	98	313332	47.923	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.840%
62) 4-Bromofluorobenzene	12.841	95	101567	43.492	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.980%

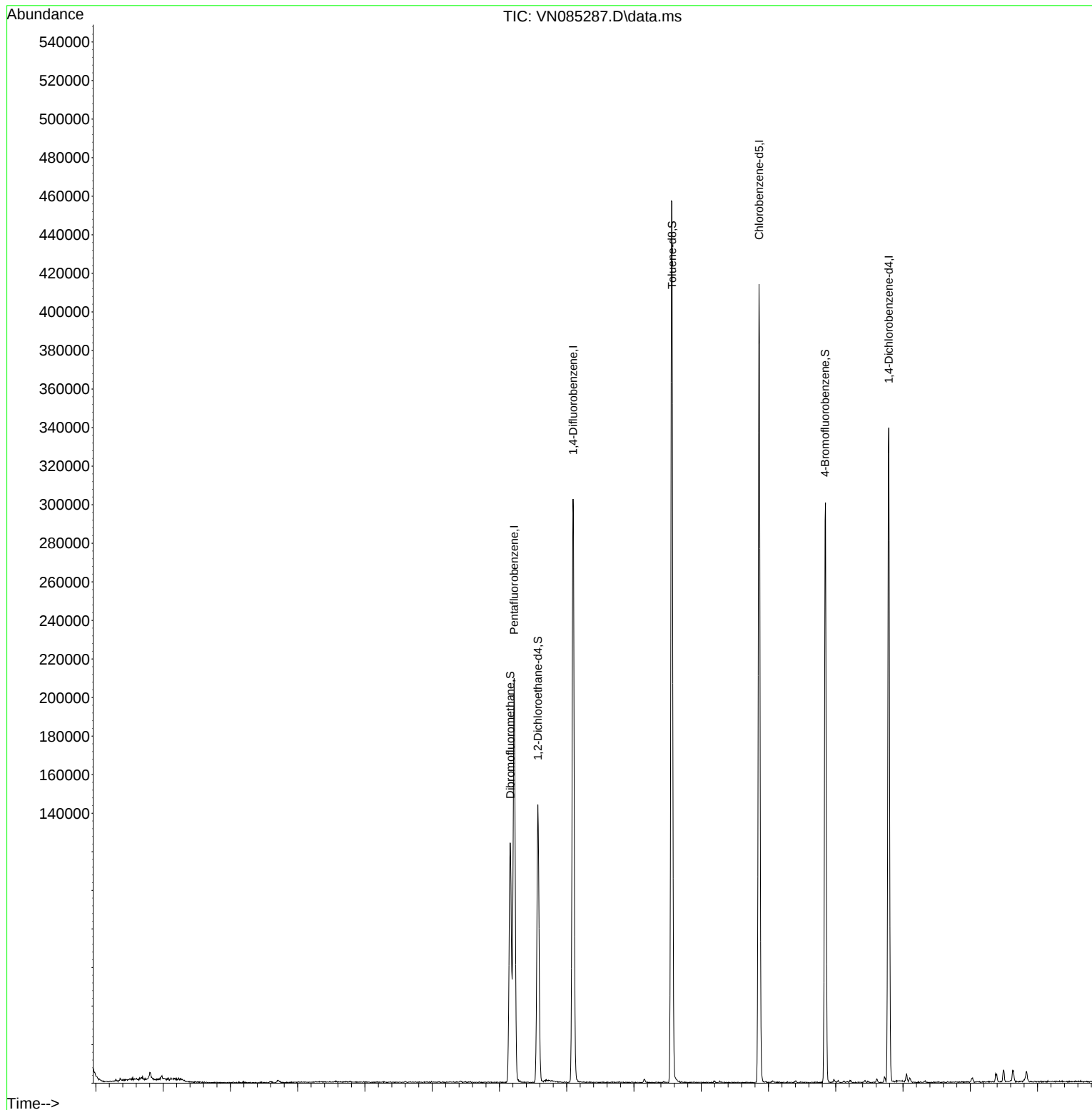
Target Compounds	Qvalue

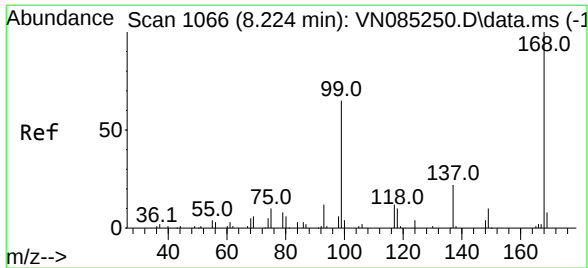
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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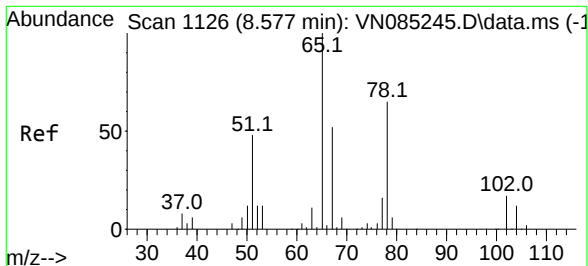
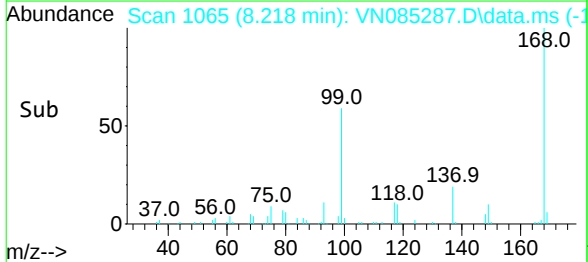
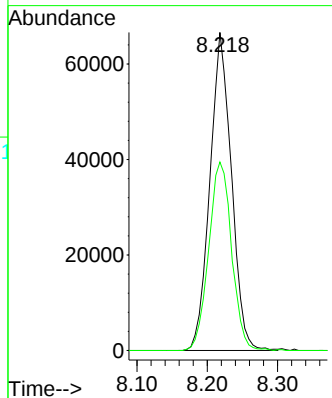
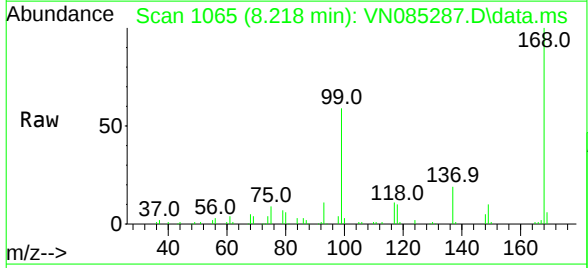




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085287.D
Acq: 23 Dec 2024 12:02

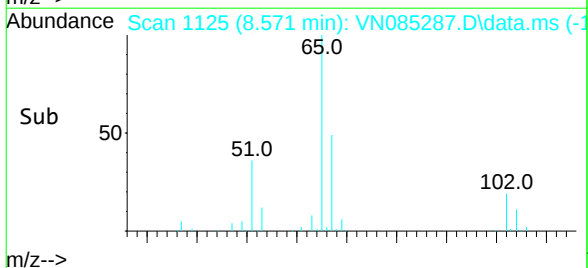
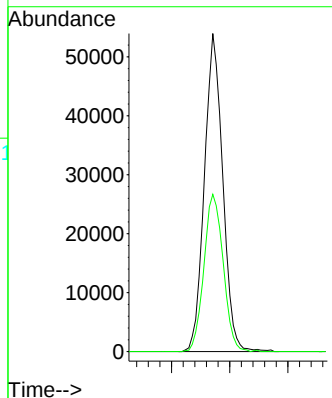
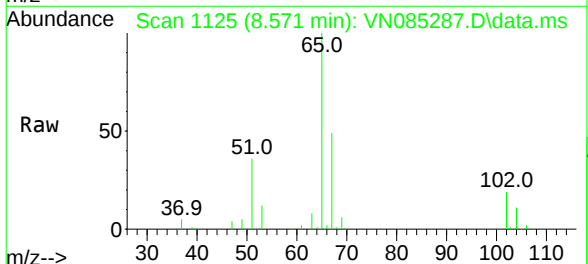
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBL01

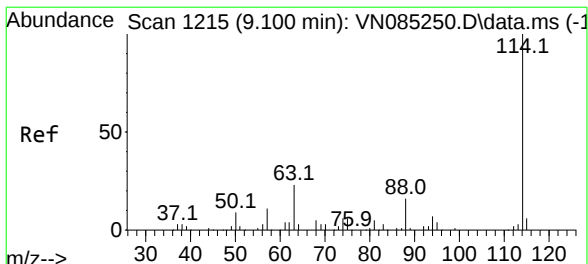
Tgt Ion:168 Resp: 141668
Ion Ratio Lower Upper
168 100
99 59.3 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 47.793 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN085287.D
Acq: 23 Dec 2024 12:02

Tgt Ion: 65 Resp: 118343
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.2

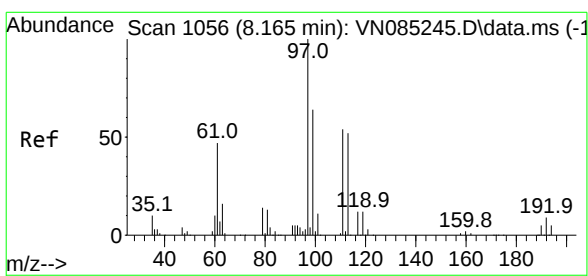
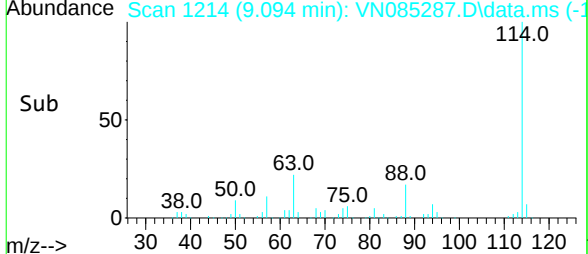
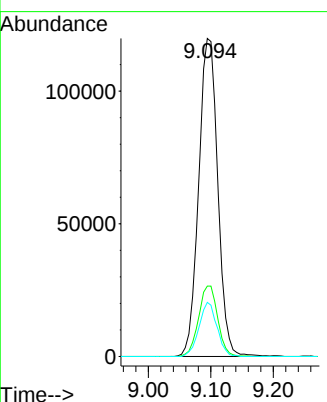
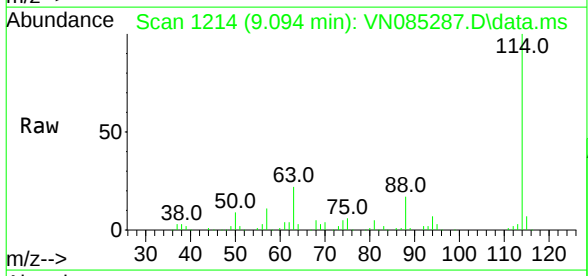




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN085287.D
 Acq: 23 Dec 2024 12:02

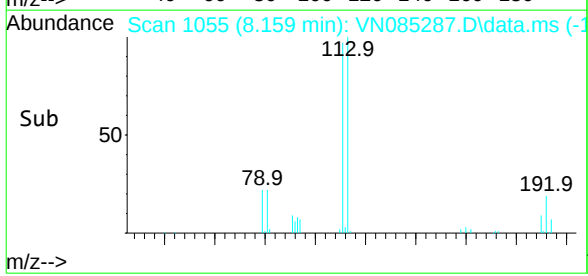
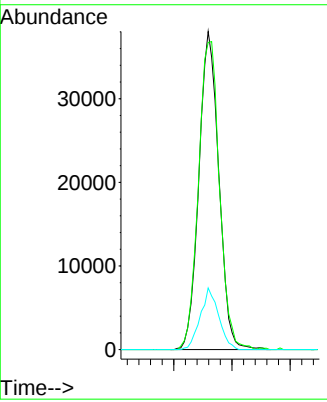
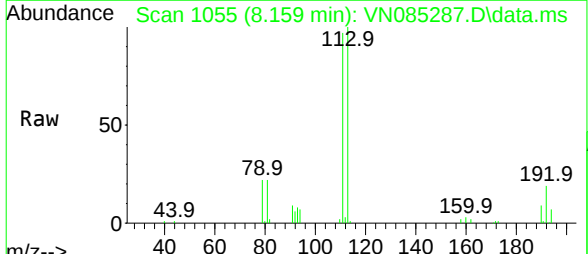
Instrument : MSVOA_N
 ClientSampleId : VN1223MBL01

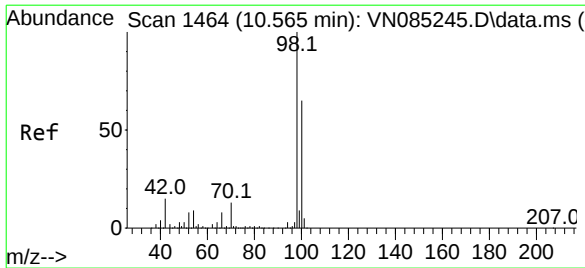
Tgt Ion:	114	Resp:	254442
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	46.2
88	17.0	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 50.592 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN085287.D
 Acq: 23 Dec 2024 12:02

Tgt Ion:	113	Resp:	90502
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.1	123.1
192	17.8	13.4	20.0





#50

Toluene-d8

Concen: 47.923 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN085287.D

Acq: 23 Dec 2024 12:02

Instrument :

MSVOA_N

ClientSampleId :

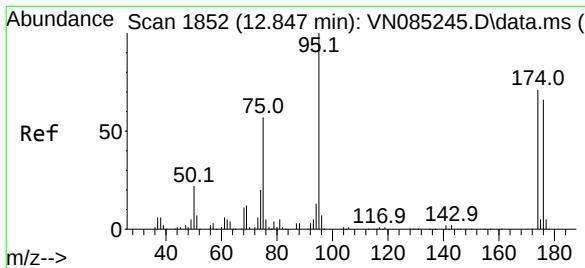
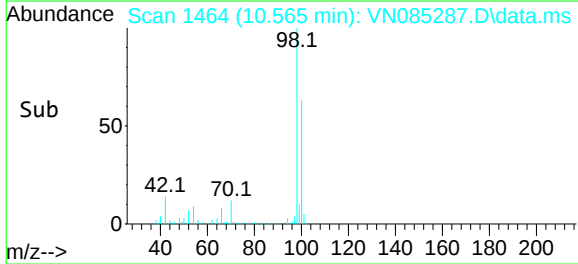
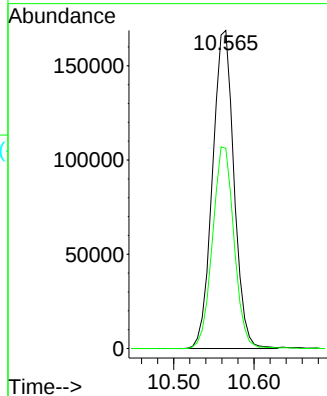
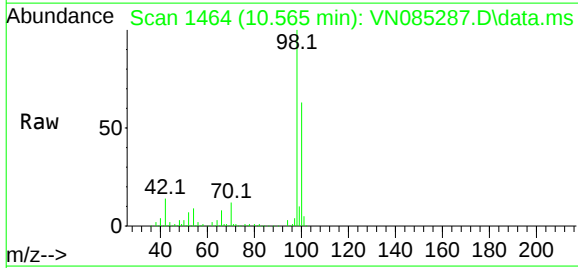
VN1223MBL01

Tgt Ion: 98 Resp: 313332

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 43.492 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VN085287.D

Acq: 23 Dec 2024 12:02

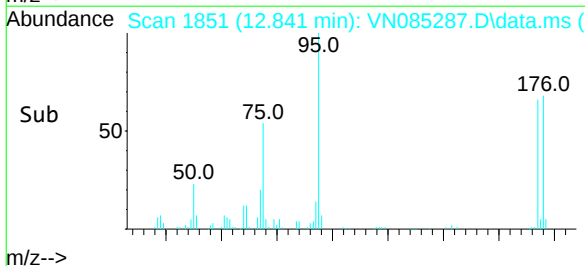
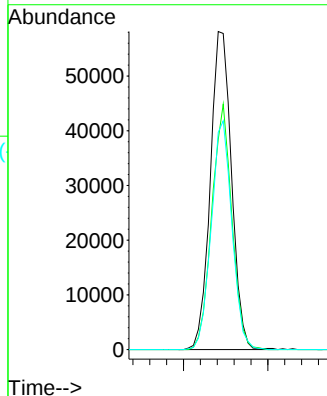
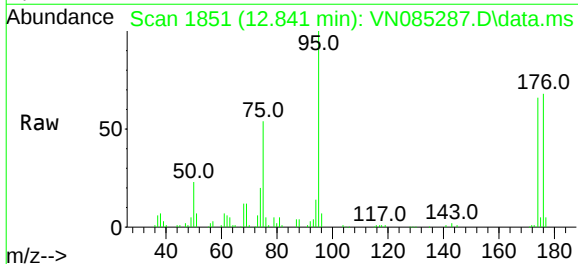
Tgt Ion: 95 Resp: 101567

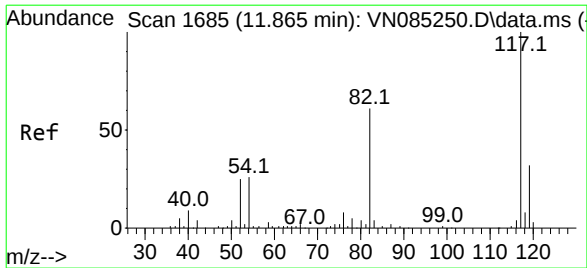
Ion Ratio Lower Upper

95 100

174 73.0 0.0 144.4

176 70.1 0.0 136.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 16

Delta R.T. -0.006 min

Lab File: VN085287.D

Acq: 23 Dec 2024 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBL01

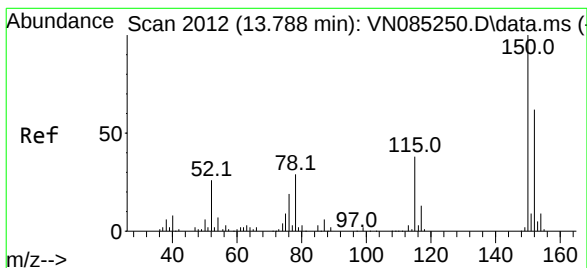
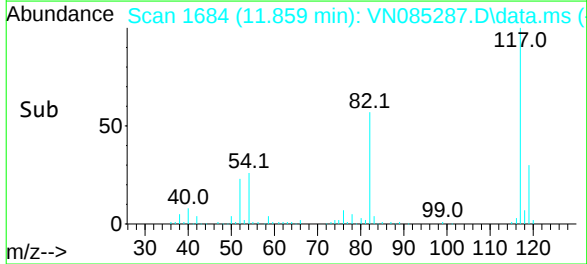
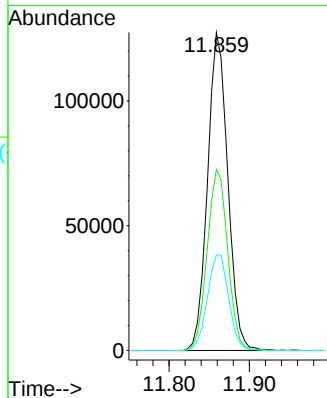
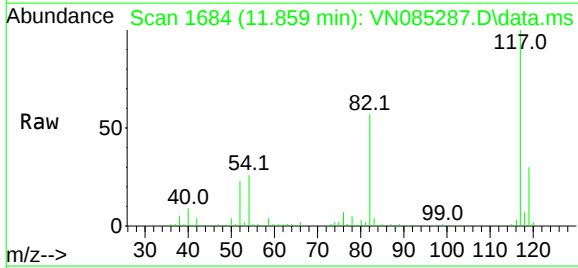
Tgt Ion:117 Resp: 222830

Ion Ratio Lower Upper

117 100

82 56.9 47.4 71.2

119 30.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085287.D

Acq: 23 Dec 2024 12:02

Tgt Ion:152 Resp: 88305

Ion Ratio Lower Upper

152 100

115 62.1 32.1 96.3

150 156.0 0.0 354.6

