

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085288.D
 Acq On : 23 Dec 2024 12:26
 Operator : JC\MD
 Sample : VN1223WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBL01

Quant Time: Dec 24 04:06:35 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	174137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	324722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	277455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	149659	49.171	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.340%
35) Dibromofluoromethane	8.159	113	112526	49.289	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.580%
50) Toluene-d8	10.559	98	396960	47.573	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.140%
62) 4-Bromofluorobenzene	12.841	95	128030	42.958	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.920%

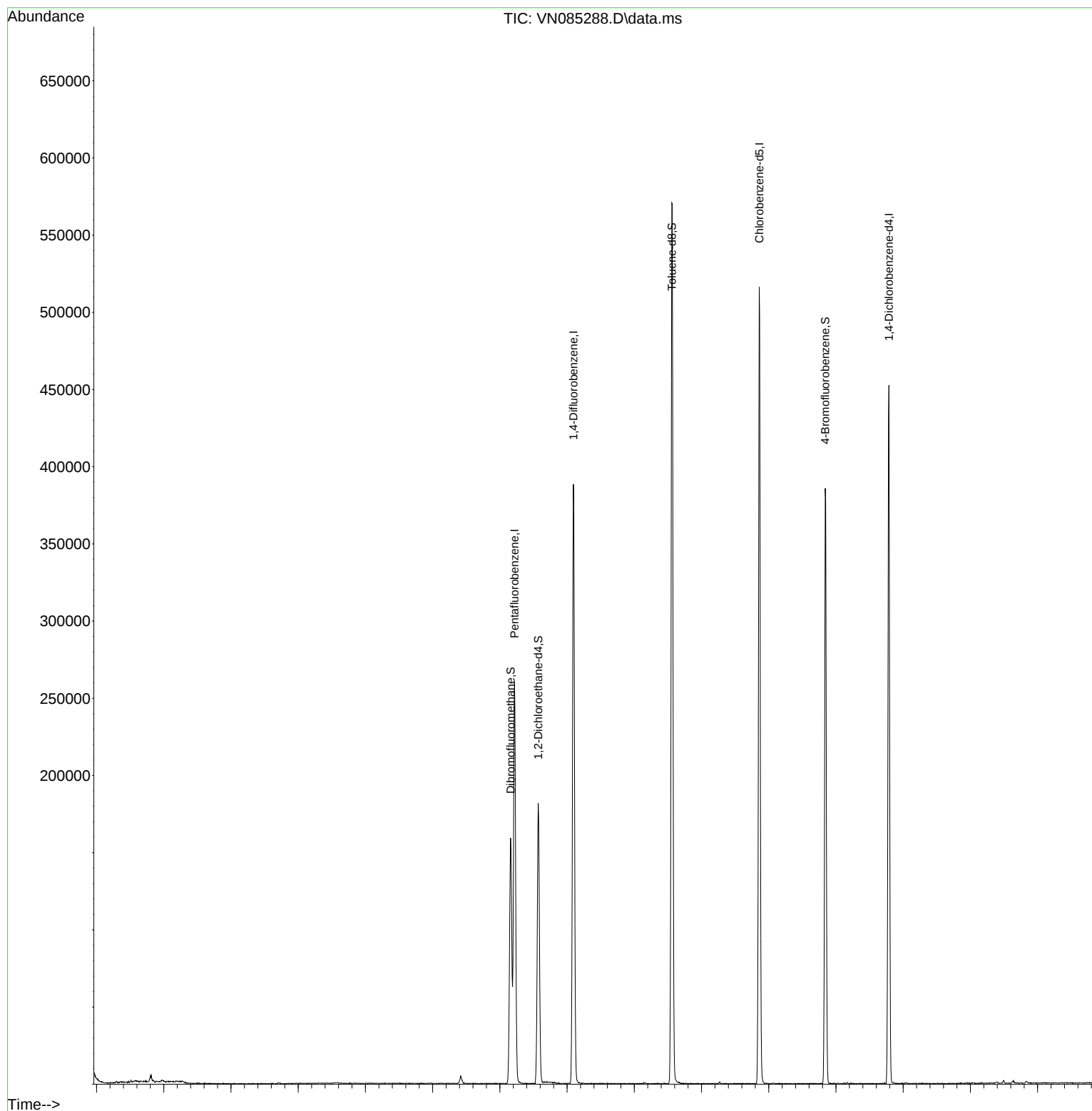
Target Compounds Qvalue

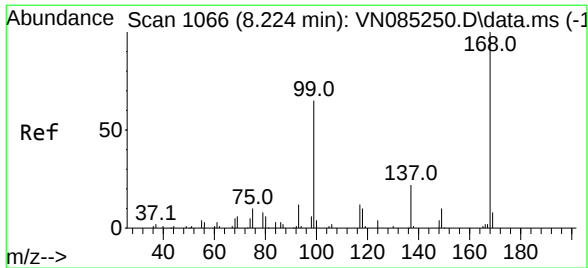
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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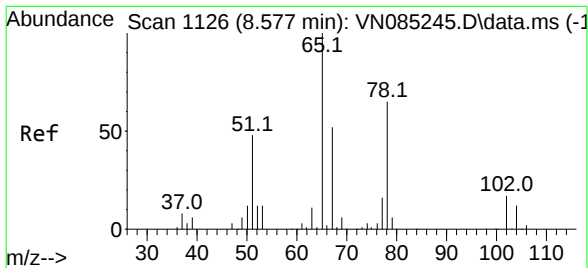
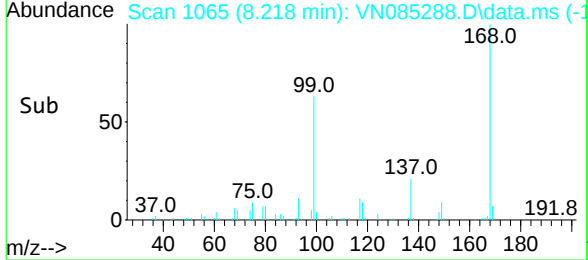
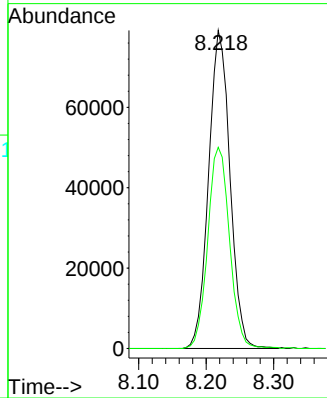
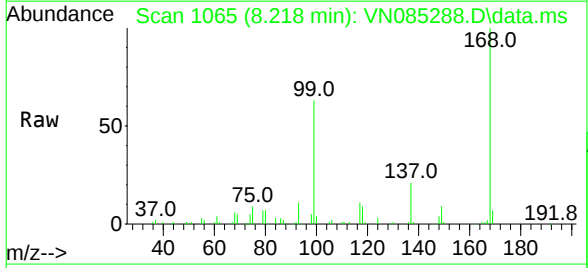




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085288.D
Acq: 23 Dec 2024 12:26

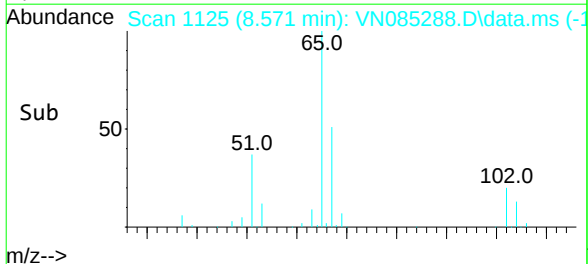
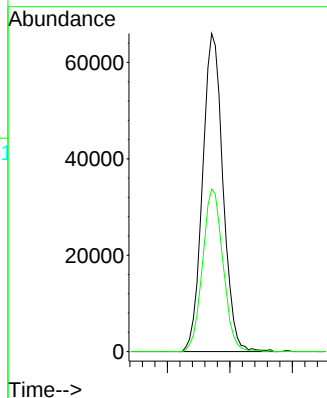
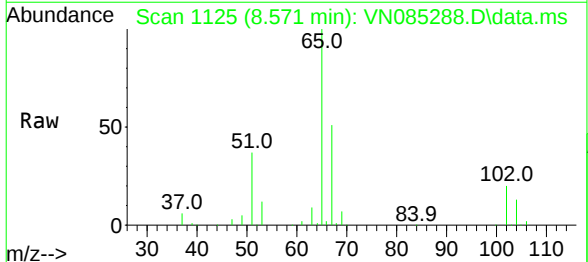
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBL01

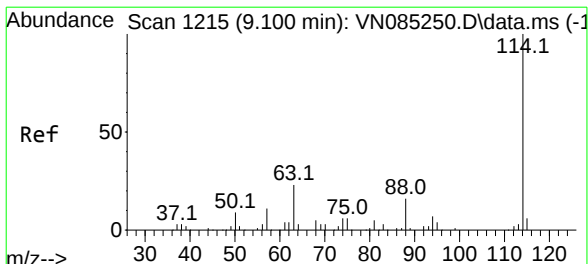
Tgt Ion:168 Resp: 174137
Ion Ratio Lower Upper
168 100
99 63.3 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 49.171 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN085288.D
Acq: 23 Dec 2024 12:26

Tgt Ion: 65 Resp: 149659
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.2

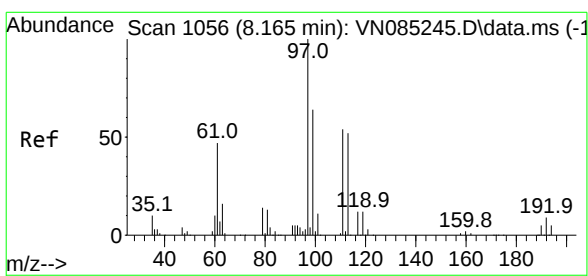
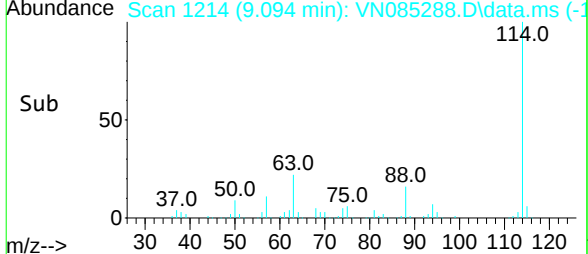
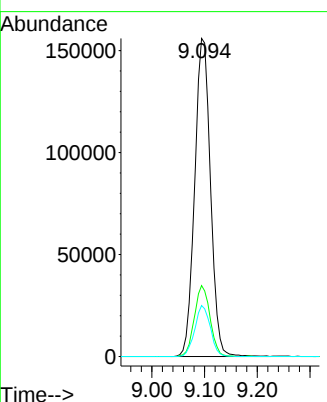
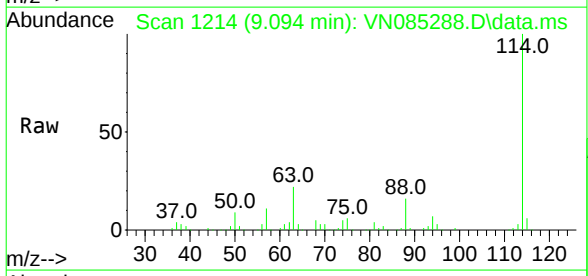




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN085288.D
 Acq: 23 Dec 2024 12:26

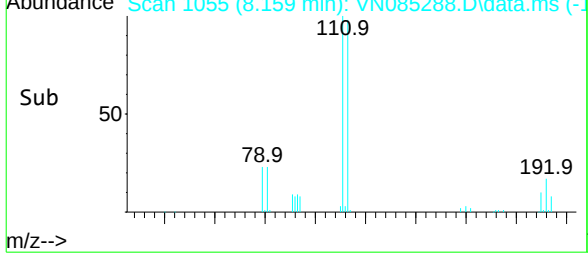
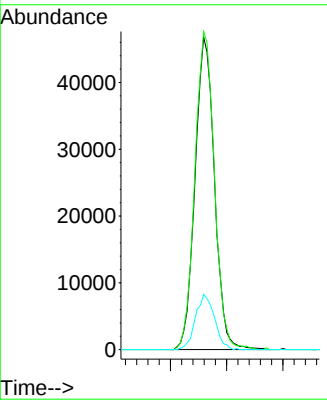
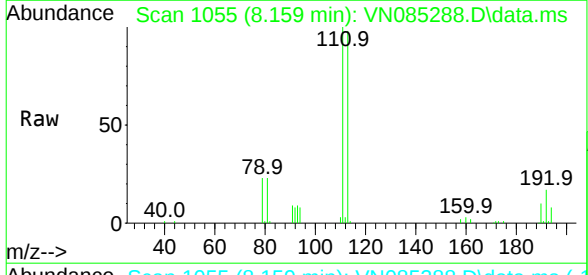
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBL01

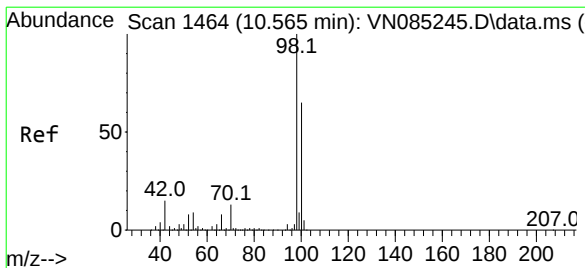
Tgt Ion:	114	Resp:	324722
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	46.2
88	16.0	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 49.289 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN085288.D
 Acq: 23 Dec 2024 12:26

Tgt Ion:	113	Resp:	112526
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.1	123.1
192	17.3	13.4	20.0





#50

Toluene-d8

Concen: 47.573 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN085288.D

Acq: 23 Dec 2024 12:26

Instrument :

MSVOA_N

ClientSampleId :

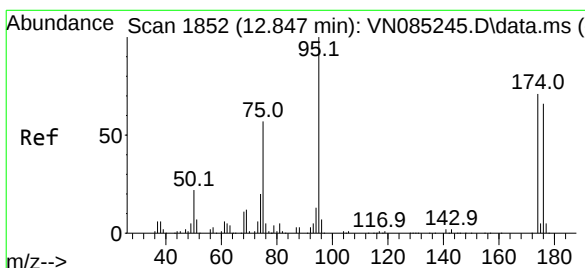
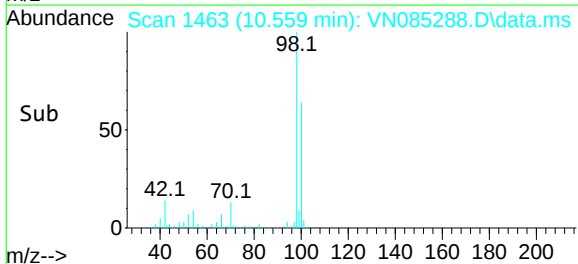
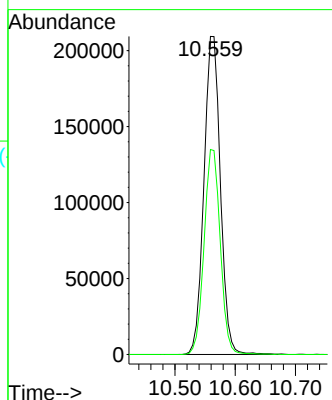
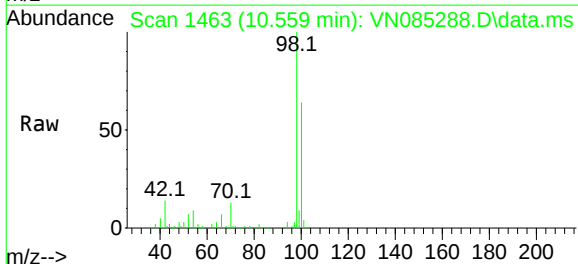
VN1223WBL01

Tgt Ion: 98 Resp: 396960

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 42.958 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VN085288.D

Acq: 23 Dec 2024 12:26

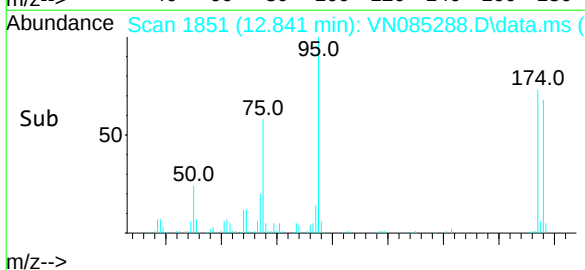
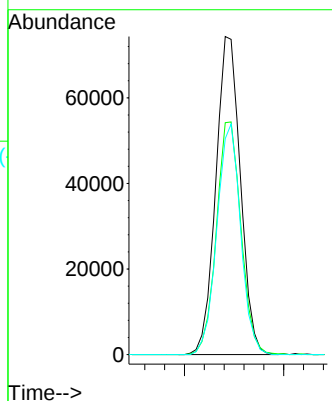
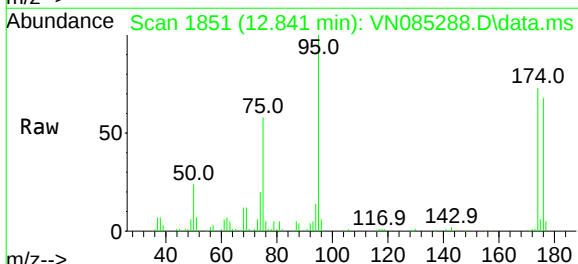
Tgt Ion: 95 Resp: 128030

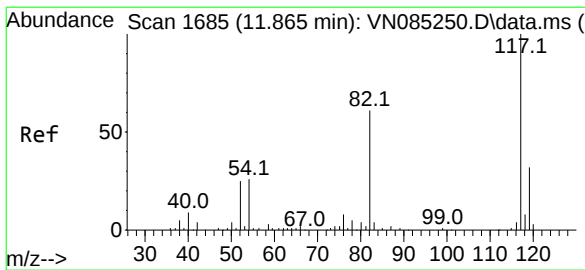
Ion Ratio Lower Upper

95 100

174 73.2 0.0 144.4

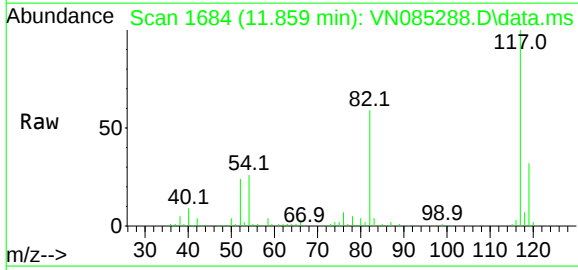
176 69.7 0.0 136.6



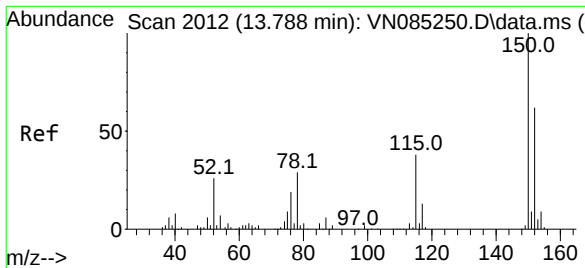
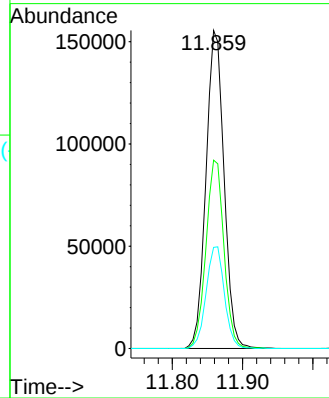
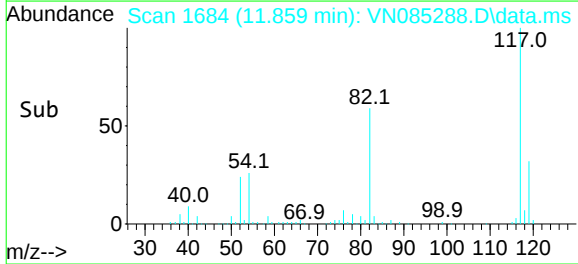


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN085288.D
Acq: 23 Dec 2024 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBL01



Tgt Ion:117 Resp: 277455
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 31.8 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: VN085288.D
Acq: 23 Dec 2024 12:26

Tgt Ion:152 Resp: 116189
Ion Ratio Lower Upper
152 100
115 61.5 32.1 96.3
150 156.7 0.0 354.6

