

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085254.D
 Acq On : 18 Dec 2024 16:26
 Operator : JC\MD
 Sample : VN1218WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBL01

Quant Time: Dec 19 06:45:36 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	8.224	168	94664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	169703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	150910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	59088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	84902	51.313	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	102.620%	
35) Dibromofluoromethane	8.165	113	61482	51.531	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	103.060%	
50) Toluene-d8	10.565	98	210506	48.273	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.540%	
62) 4-Bromofluorobenzene	12.847	95	68890	44.230	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	88.460%	

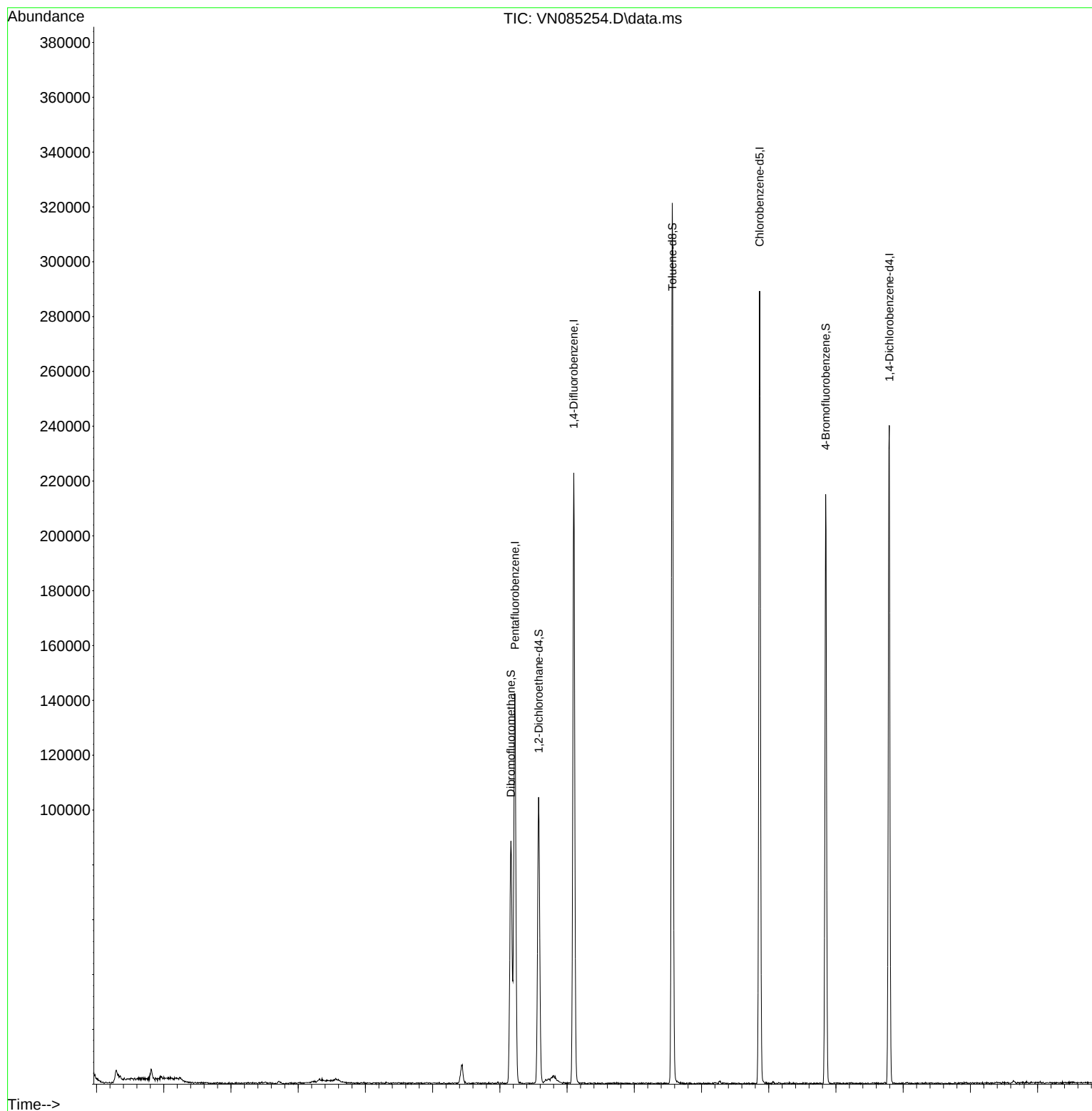
Target Compounds Qvalue

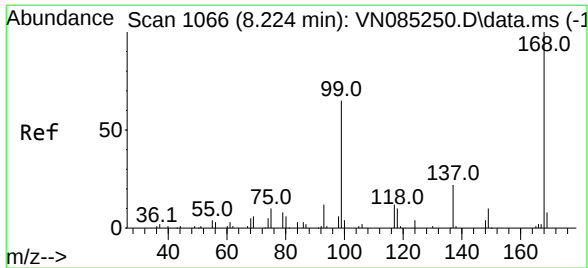
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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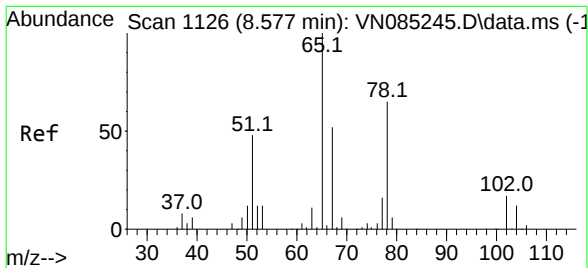
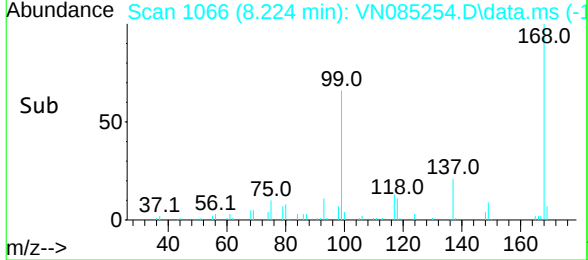
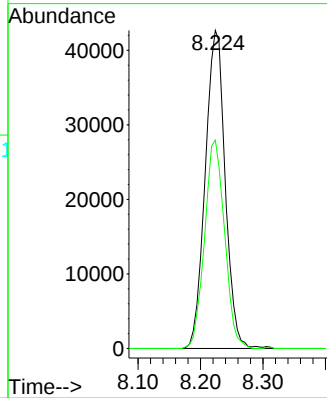
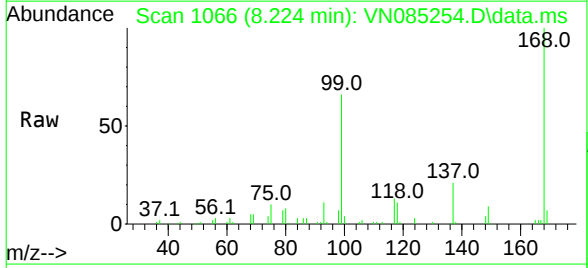




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085254.D
Acq: 18 Dec 2024 16:26

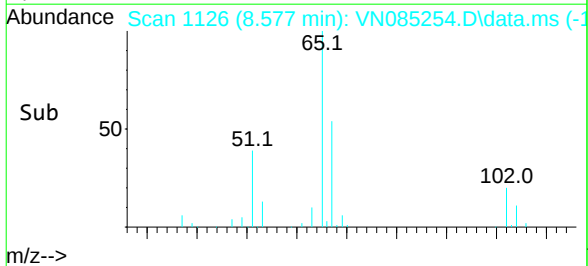
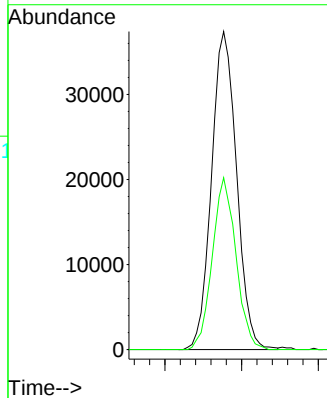
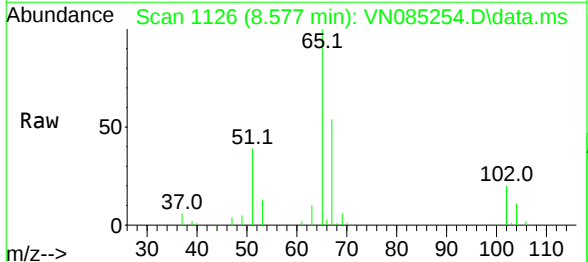
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBL01

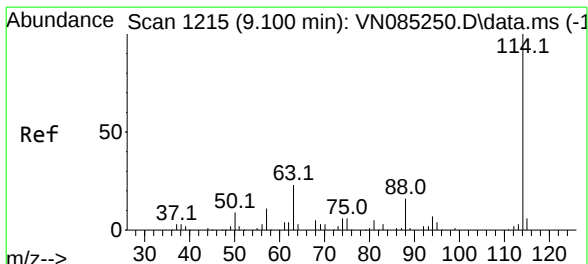
Tgt Ion:168 Resp: 94664
Ion Ratio Lower Upper
168 100
99 65.5 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 51.313 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085254.D
Acq: 18 Dec 2024 16:26

Tgt Ion: 65 Resp: 84902
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.2

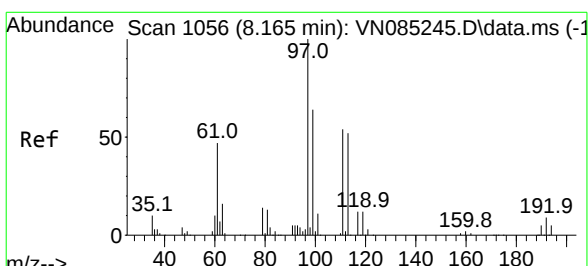
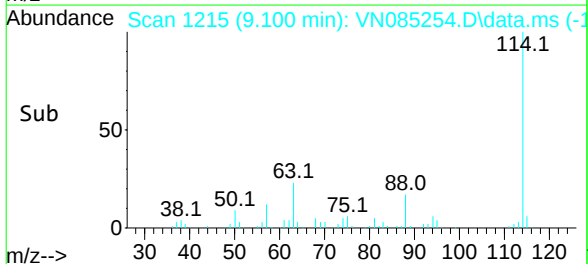
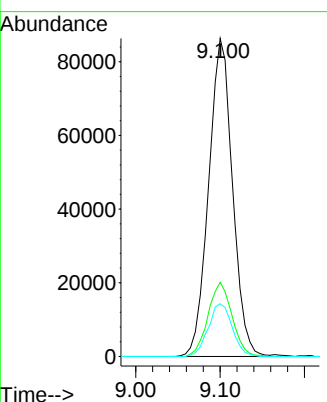
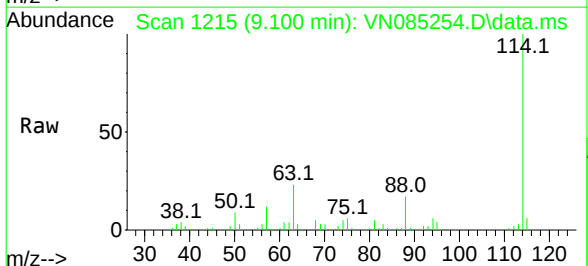




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN085254.D
 Acq: 18 Dec 2024 16:26

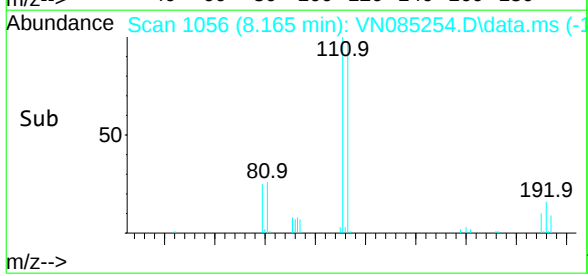
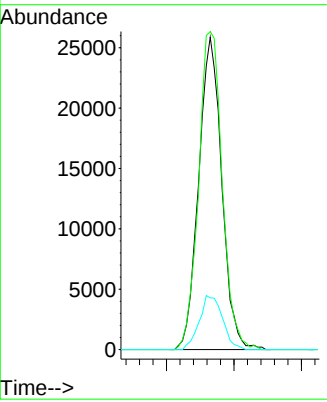
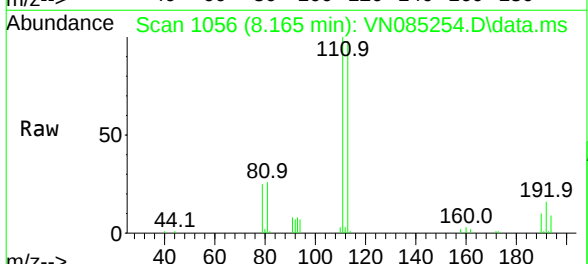
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBL01

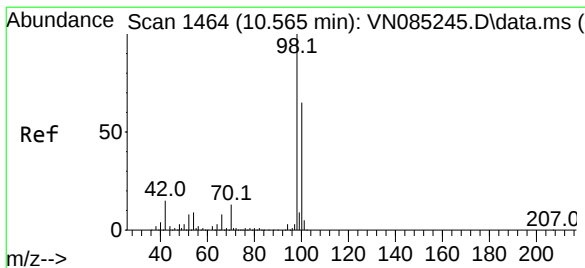
Tgt Ion:	114	Resp:	169703
Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	46.2
88	16.6	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 51.531 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN085254.D
 Acq: 18 Dec 2024 16:26

Tgt Ion:	113	Resp:	61482
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.1	123.1
192	17.4	13.4	20.0





#50

Toluene-d8

Concen: 48.273 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085254.D

Acq: 18 Dec 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :

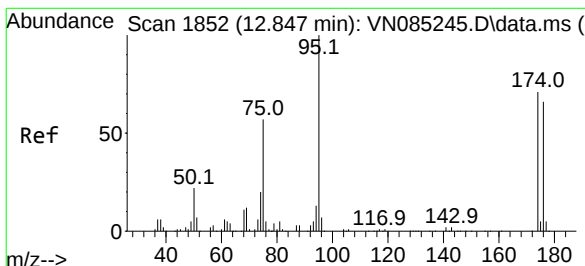
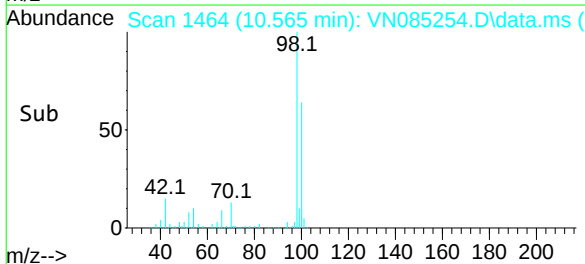
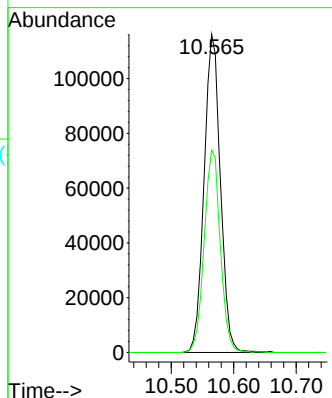
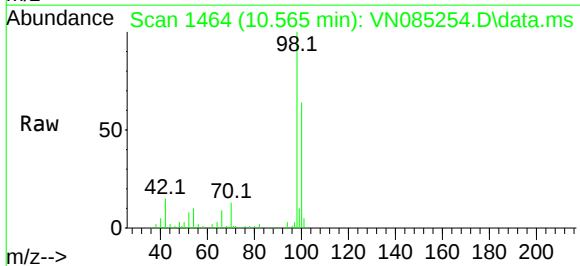
VN1218WBL01

Tgt Ion: 98 Resp: 210506

Ion Ratio Lower Upper

98 100

100 63.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 44.230 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085254.D

Acq: 18 Dec 2024 16:26

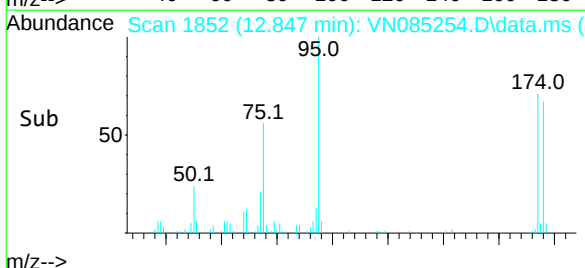
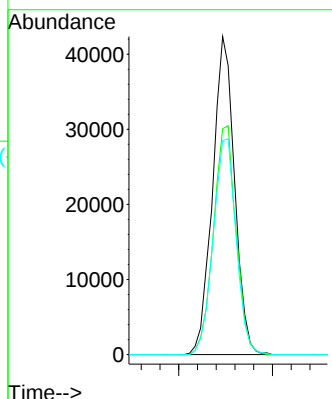
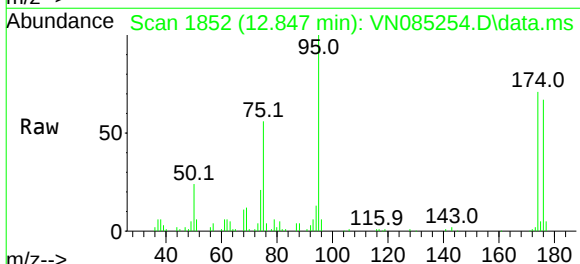
Tgt Ion: 95 Resp: 68890

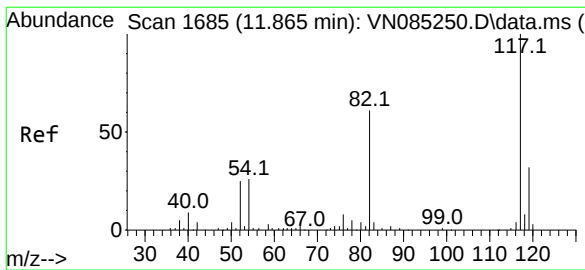
Ion Ratio Lower Upper

95 100

174 74.1 0.0 144.4

176 70.7 0.0 136.6

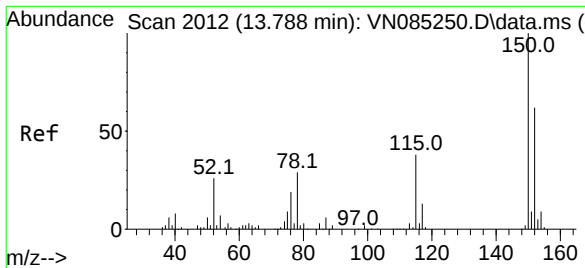
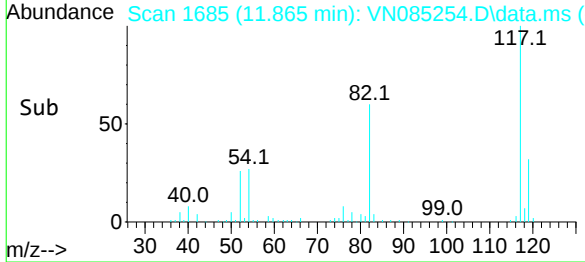
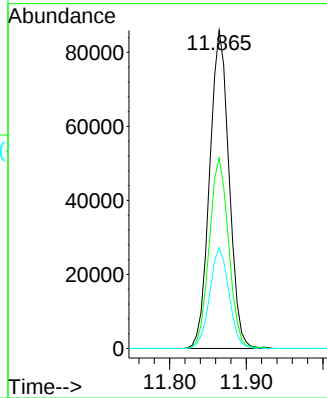
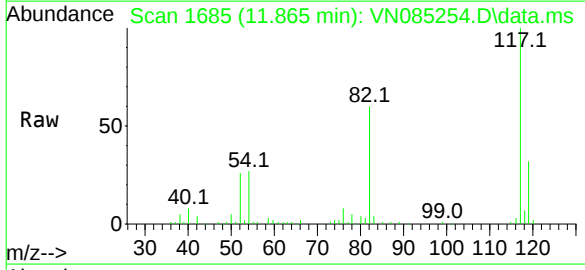




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN085254.D
Acq: 18 Dec 2024 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBL01

Tgt Ion:117 Resp: 150910
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085254.D
Acq: 18 Dec 2024 16:26

Tgt Ion:152 Resp: 59088
Ion Ratio Lower Upper
152 100
115 62.1 32.1 96.3
150 160.9 0.0 354.6

