

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084055.D
 Acq On : 19 Sep 2024 23:42
 Operator : JC\MD
 Sample : P4116-28
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Sep 20 01:41:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

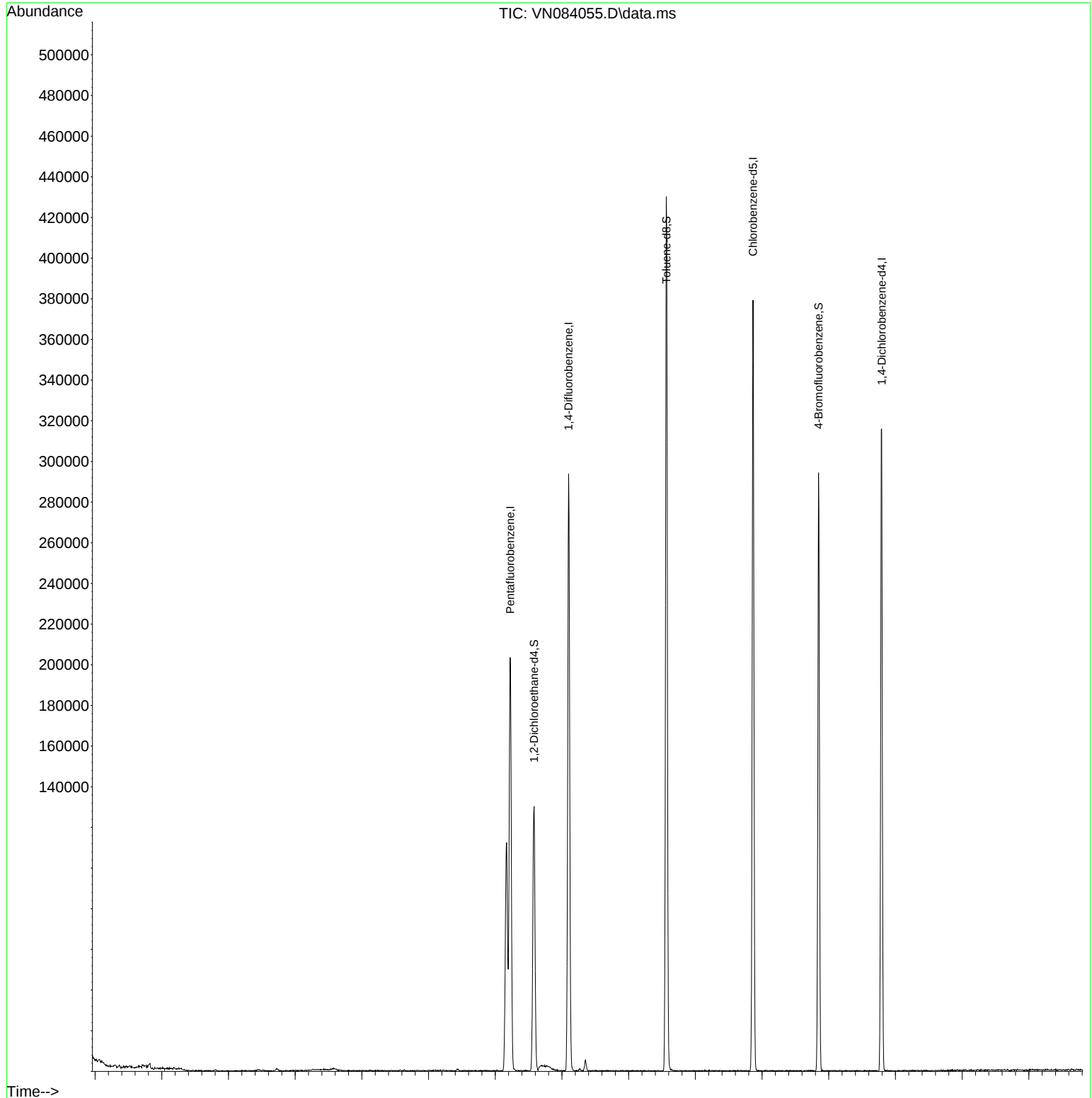
Internal Standards						
1) Pentafluorobenzene	8.224	168	138220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	203560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	113612	54.512	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	109.020%	
35) Dibromofluoromethane	8.171	113	79819	52.528	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	105.060%	
50) Toluene-d8	10.565	98	290202	55.244	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	110.480%	
62) 4-Bromofluorobenzene	12.847	95	98859	45.614	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	91.220%	
Target Compounds						
44) Trichloroethene	9.353	130	1732	1.086	ug/l	Qvalue 81

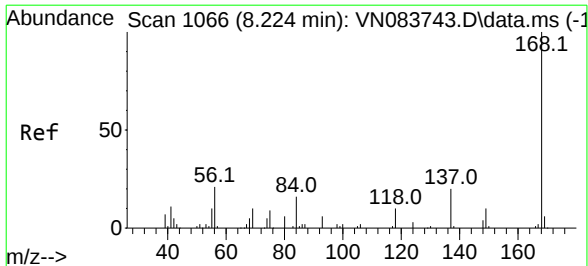
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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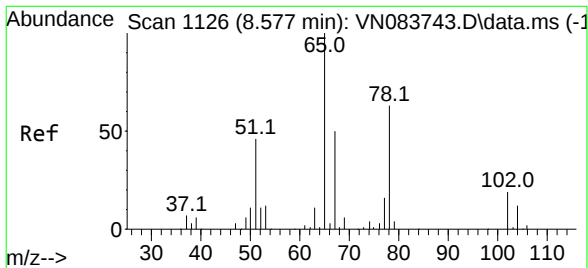
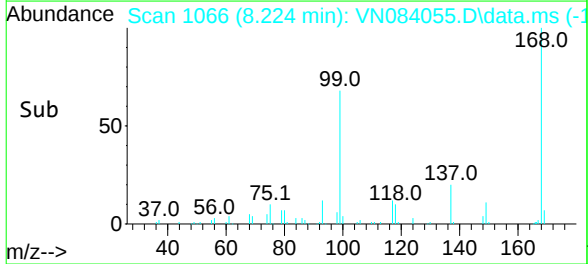
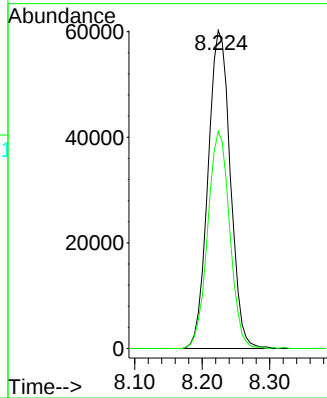
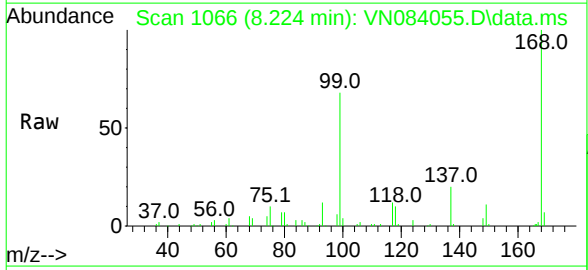




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084055.D
Acq: 19 Sep 2024 23:42

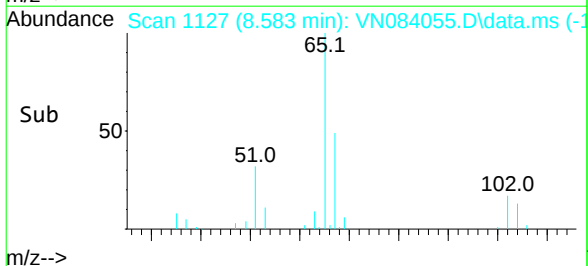
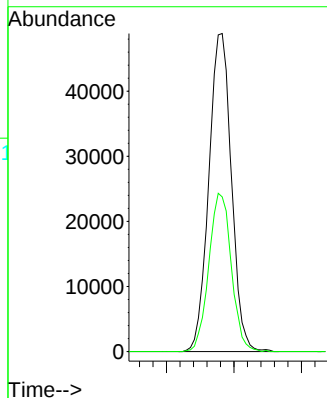
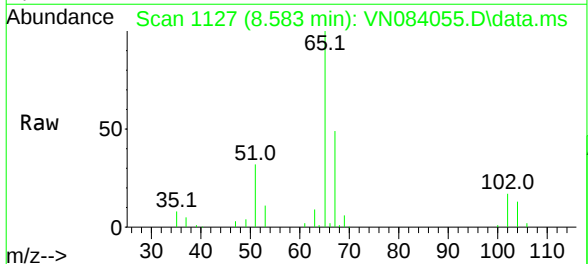
Instrument :
MSVOA_N
ClientSampleId :
TB

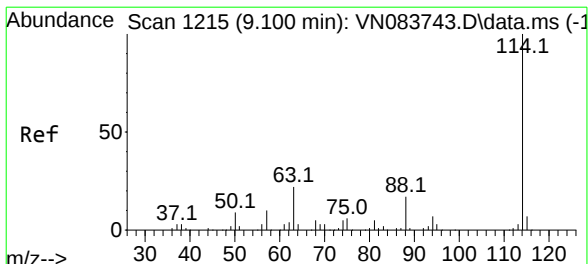
Tgt Ion:168 Resp: 138220
Ion Ratio Lower Upper
168 100
99 68.3 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 54.512 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084055.D
Acq: 19 Sep 2024 23:42

Tgt Ion: 65 Resp: 113612
Ion Ratio Lower Upper
65 100
67 49.6 0.0 100.8

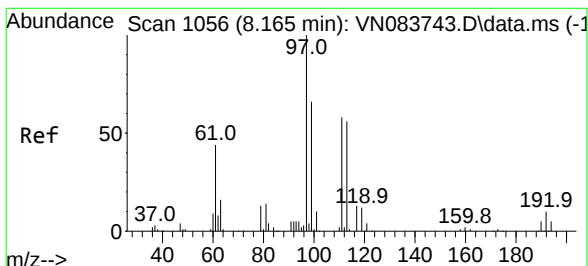
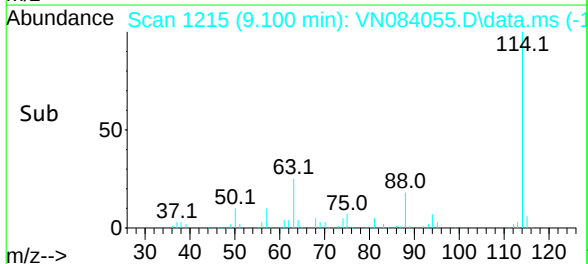
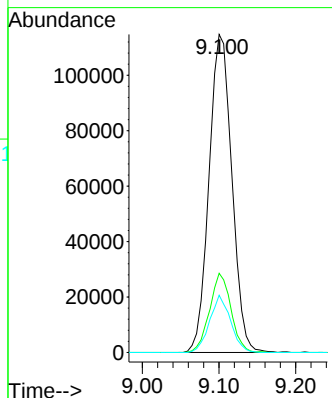
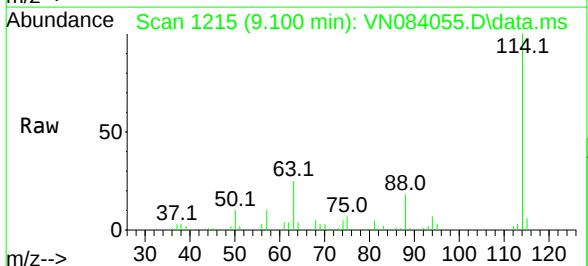




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084055.D
 Acq: 19 Sep 2024 23:42

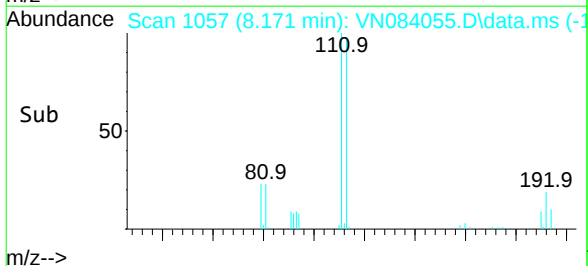
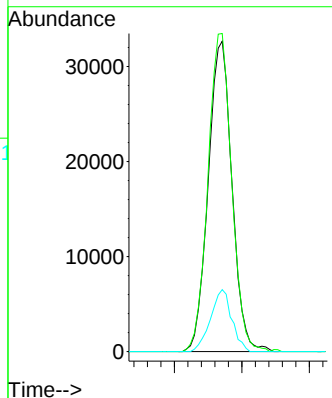
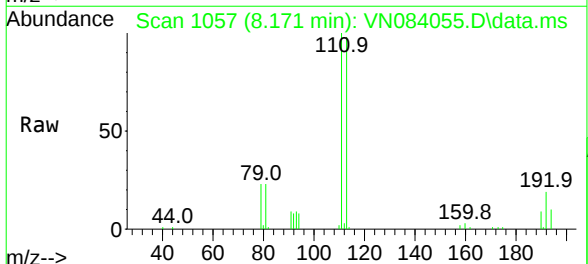
Instrument :
 MSVOA_N
 ClientSampleId :
 TB

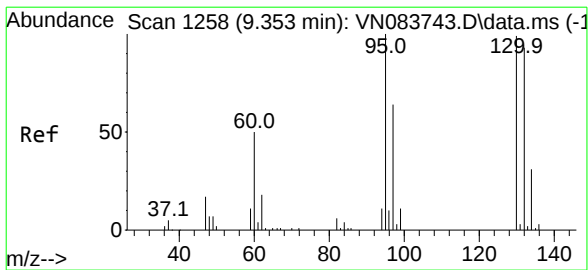
Tgt Ion:	114	Resp:	237359
Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	43.4
88	18.0	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 52.528 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN084055.D
 Acq: 19 Sep 2024 23:42

Tgt Ion:	113	Resp:	79819
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	17.9	14.3	21.5





#44

Trichloroethene

Concen: 1.086 ug/l

RT: 9.353 min Scan# 12

Delta R.T. 0.000 min

Lab File: VN084055.D

Acq: 19 Sep 2024 23:42

Instrument :

MSVOA_N

ClientSampleId :

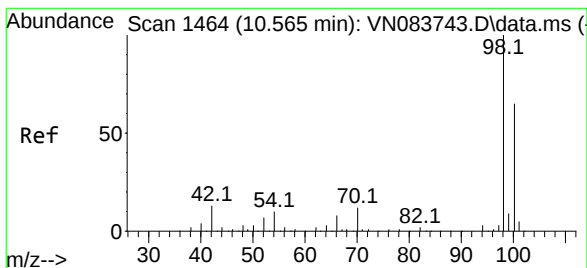
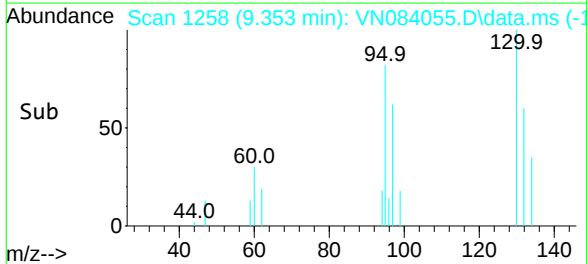
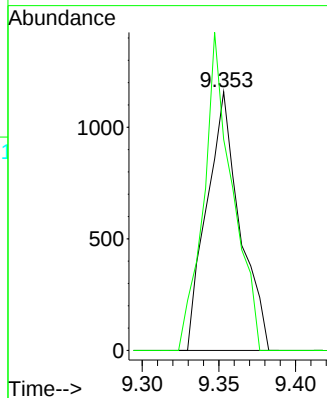
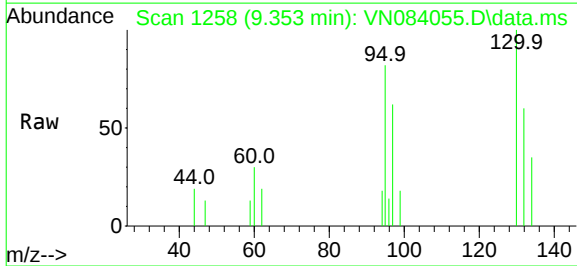
TB

Tgt Ion:130 Resp: 1732

Ion Ratio Lower Upper

130 100

95 81.6 0.0 200.4



#50

Toluene-d8

Concen: 55.244 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084055.D

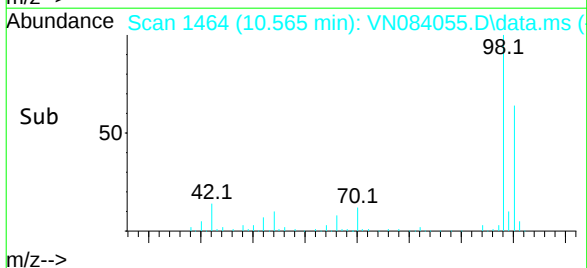
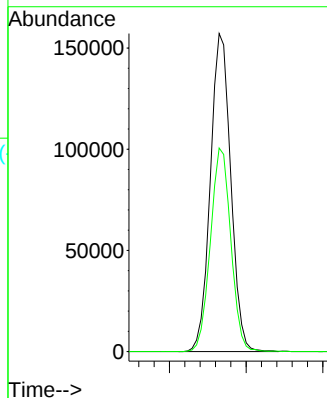
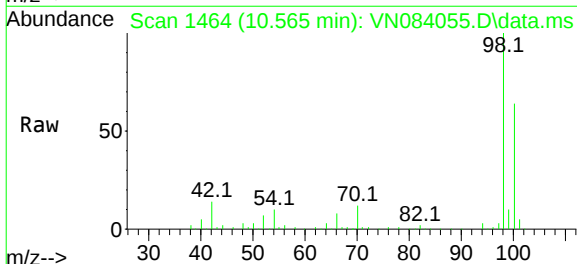
Acq: 19 Sep 2024 23:42

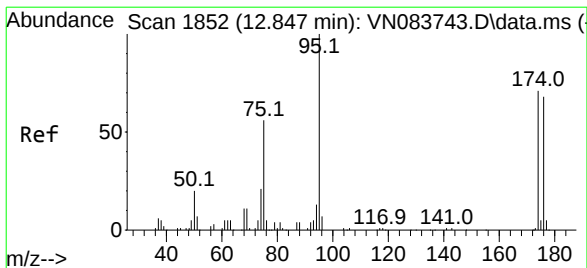
Tgt Ion: 98 Resp: 290202

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 45.614 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN084055.D

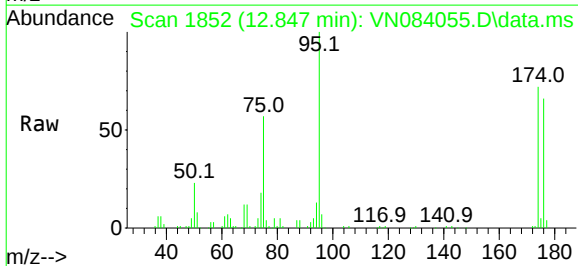
Acq: 19 Sep 2024 23:42

Instrument :

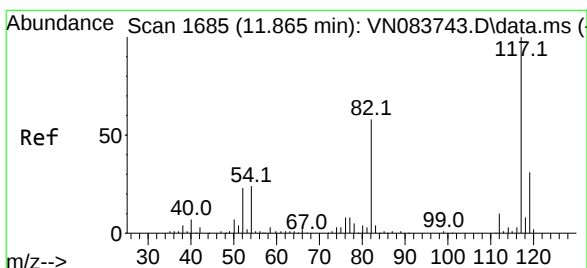
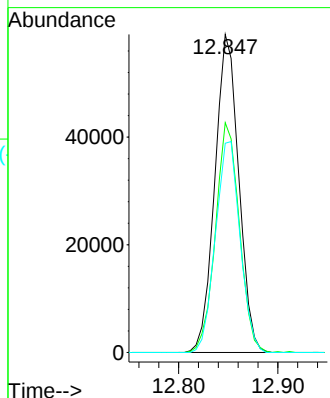
MSVOA_N

ClientSampleId :

TB



Tgt Ion:	95	Resp:	98859
Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	139.8
176	68.3	0.0	131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

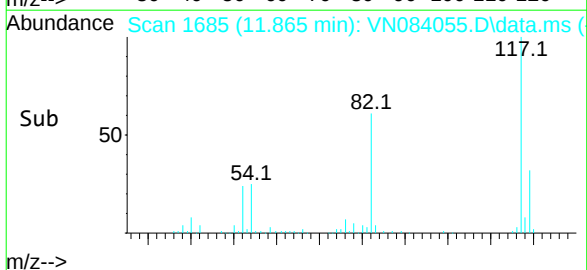
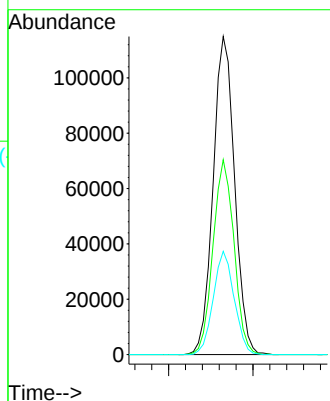
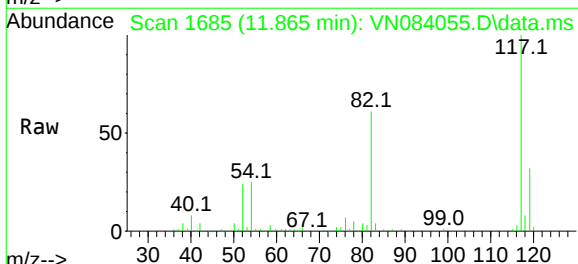
RT: 11.865 min Scan# 1685

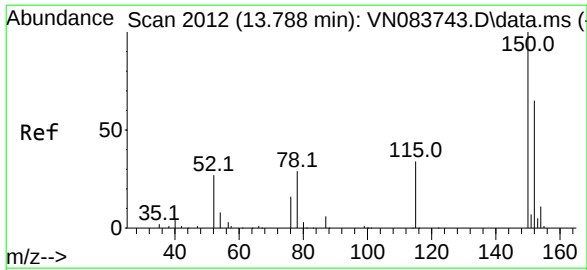
Delta R.T. 0.000 min

Lab File: VN084055.D

Acq: 19 Sep 2024 23:42

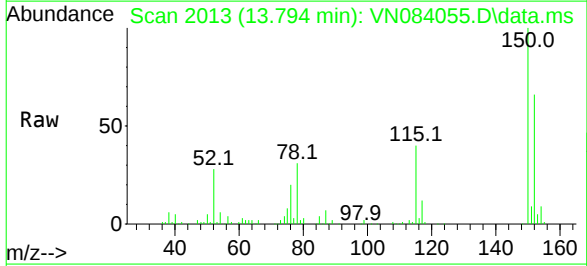
Tgt Ion:	117	Resp:	203560
Ion	Ratio	Lower	Upper
117	100		
82	61.3	47.4	71.0
119	32.5	26.3	39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084055.D
Acq: 19 Sep 2024 23:42

Instrument :
MSVOA_N
ClientSampleId :
TB



Tgt Ion:	152	Resp:	81221
Ion	Ratio	Lower	Upper
152	100		
115	64.4	32.2	96.6
150	159.1	0.0	348.6

