

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084038.D
 Acq On : 19 Sep 2024 16:52
 Operator : JC\MD
 Sample : P4003-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW178S-20240911

Quant Time: Sep 20 01:33:36 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)

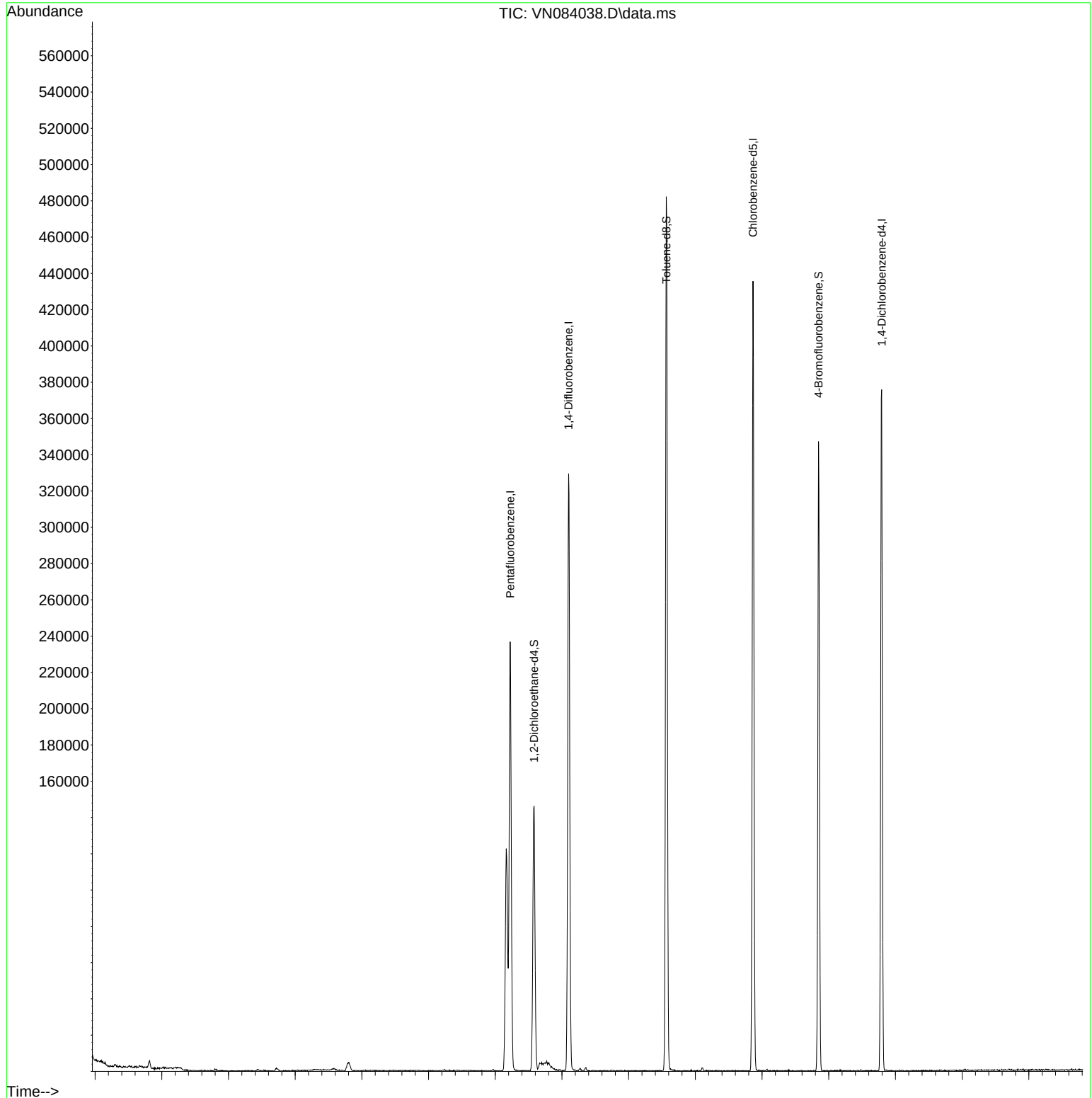
Internal Standards						
1) Pentafluorobenzene	8.224	168	155829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	125299	53.326	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	106.660%	
35) Dibromofluoromethane	8.165	113	86654	49.606	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.220%	
50) Toluene-d8	10.565	98	322764	53.447	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	106.900%	
62) 4-Bromofluorobenzene	12.847	95	117878	47.312	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	94.620%	
Target Compounds						
19) Methyl tert-butyl Ether	5.806	73	7617	1.249	ug/l	Qvalue 99

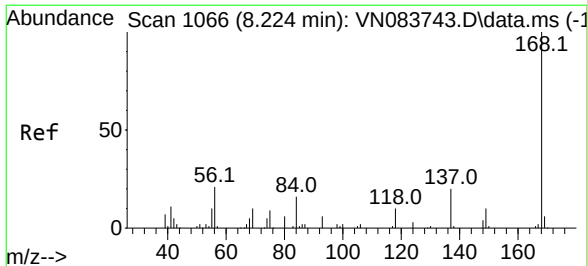
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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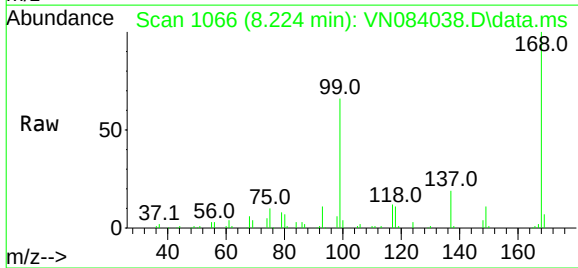
Quant Time: Sep 20 01:33:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



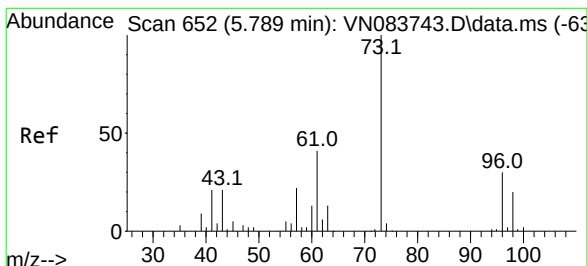
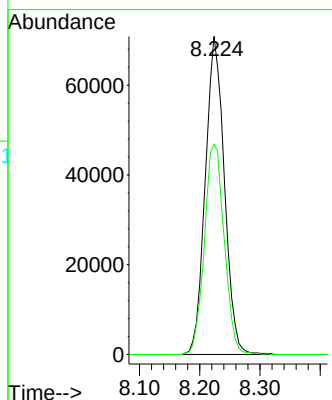
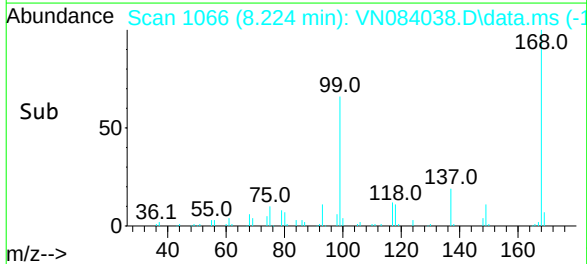


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084038.D
Acq: 19 Sep 2024 16:52

Instrument :
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MW178S-20240911

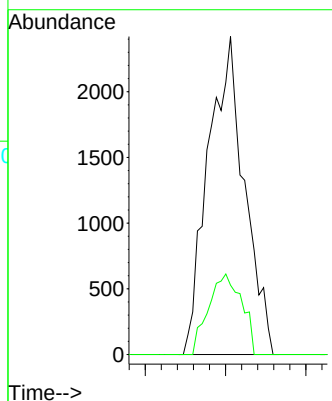
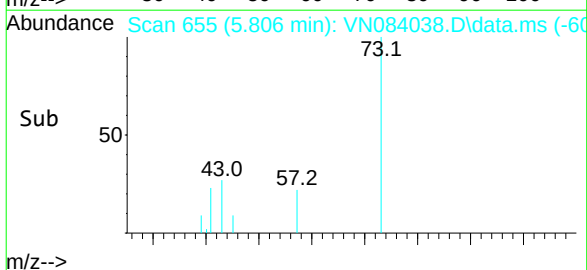
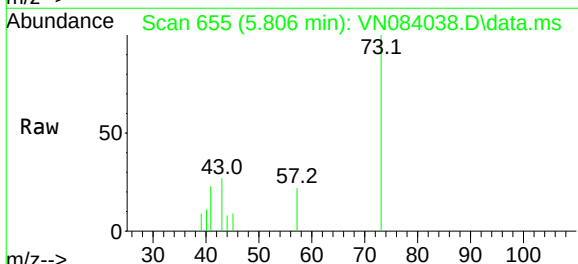


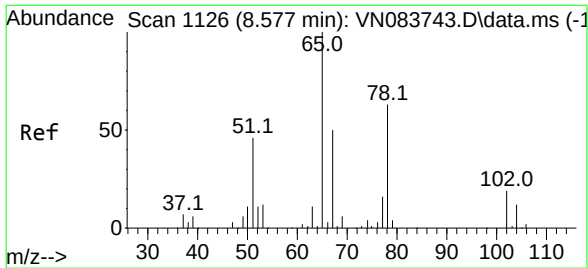
Tgt Ion:168 Resp: 155829
Ion Ratio Lower Upper
168 100
99 66.0 54.2 81.2



#19
Methyl tert-butyl Ether
Concen: 1.249 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.018 min
Lab File: VN084038.D
Acq: 19 Sep 2024 16:52

Tgt Ion: 73 Resp: 7617
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6



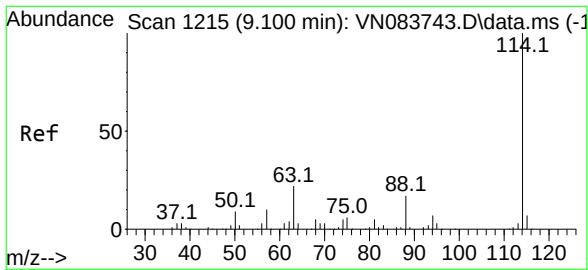
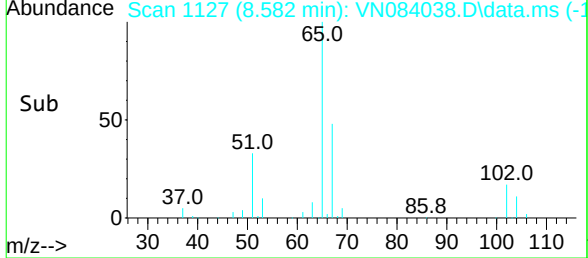
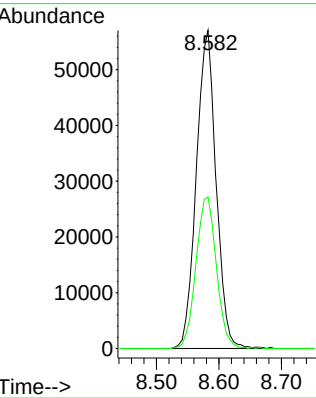
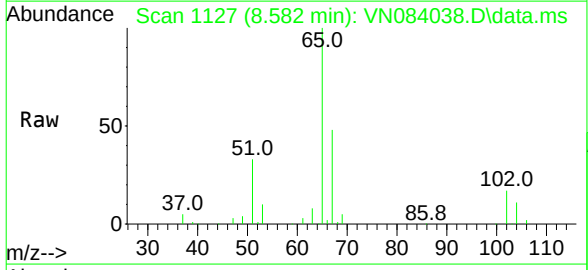


#33
 1,2-Dichloroethane-d4
 Concen: 53.326 ug/l
 RT: 8.582 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: VN084038.D
 Acq: 19 Sep 2024 16:52

Instrument :
 MSVOA_N
 ClientSampleId :
 MW178S-20240911

Tgt Ion: 65 Resp: 125299

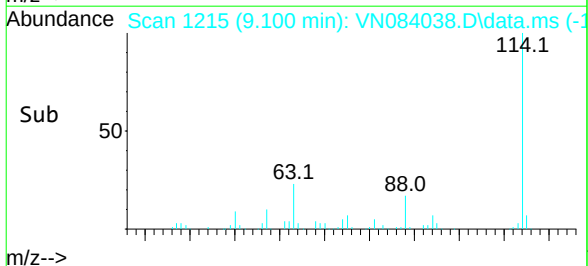
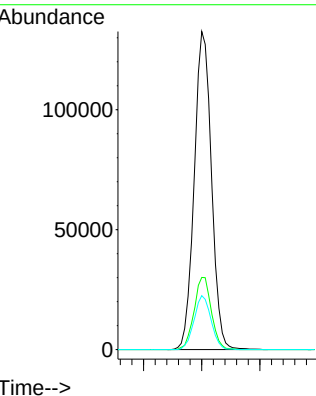
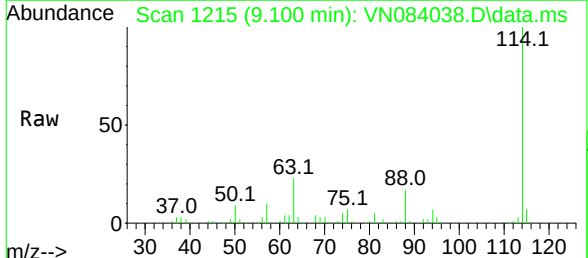
Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	100.8

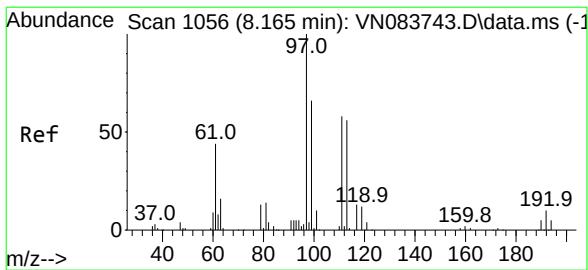


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084038.D
 Acq: 19 Sep 2024 16:52

Tgt Ion: 114 Resp: 272864

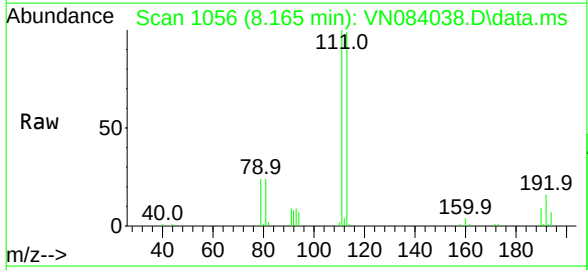
Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.4
88	17.0	0.0	32.6



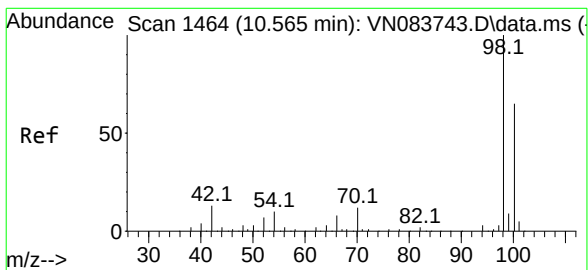
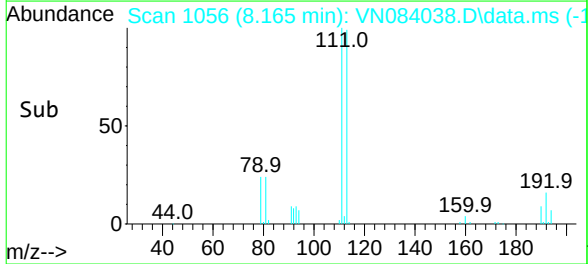
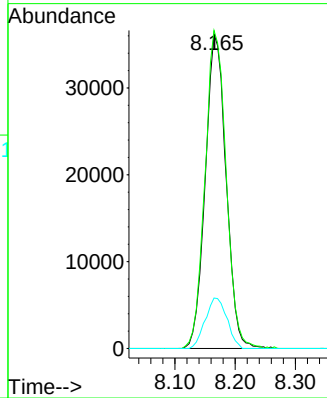


#35
 Dibromofluoromethane
 Concen: 49.606 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084038.D
 Acq: 19 Sep 2024 16:52

Instrument :
 MSVOA_N
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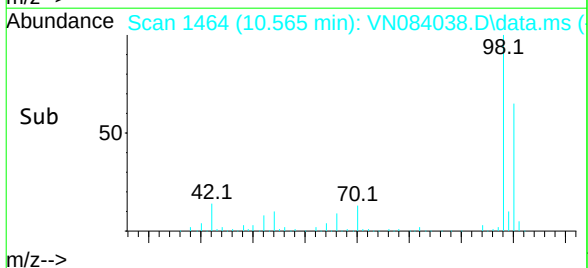
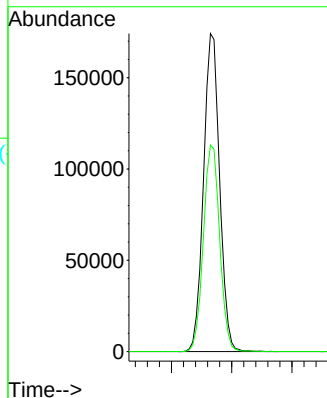
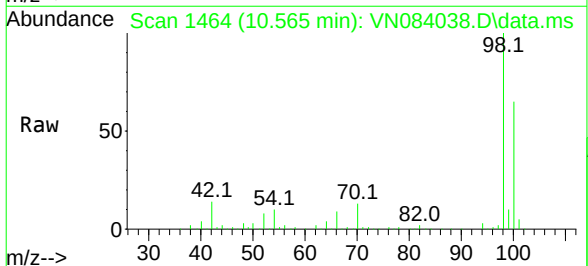


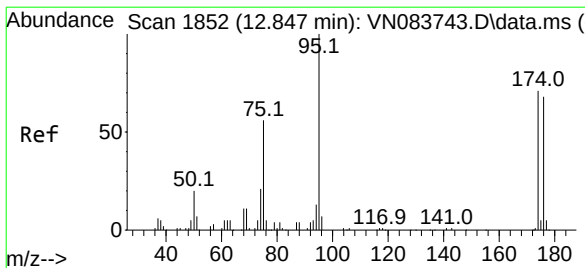
Tgt Ion:	113	Resp:	86654
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	124.0
192	16.8	14.3	21.5



#50
 Toluene-d8
 Concen: 53.447 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN084038.D
 Acq: 19 Sep 2024 16:52

Tgt Ion:	98	Resp:	322764
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 47.312 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN084038.D

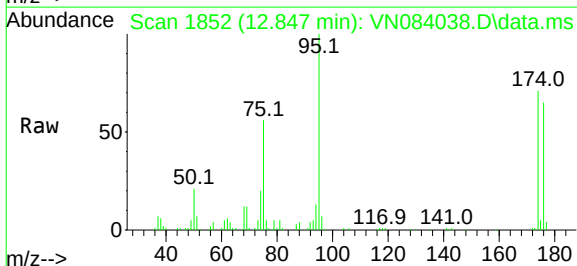
Acq: 19 Sep 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

MW178S-20240911



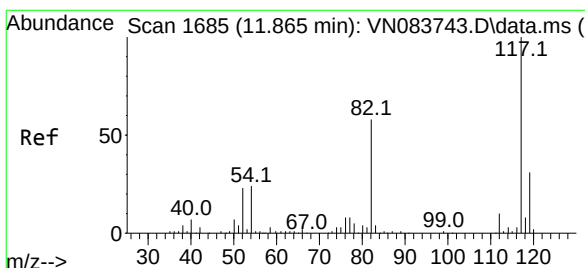
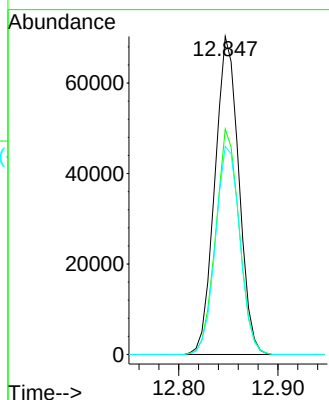
Tgt Ion: 95 Resp: 117878

Ion Ratio Lower Upper

95 100

174 69.8 0.0 139.8

176 67.0 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: VN084038.D

Acq: 19 Sep 2024 16:52

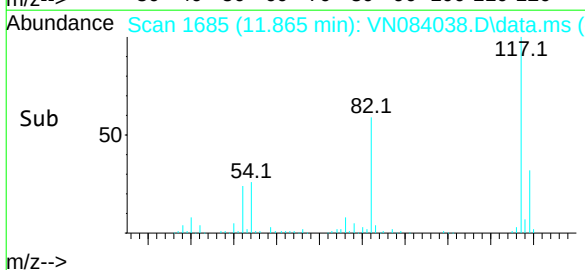
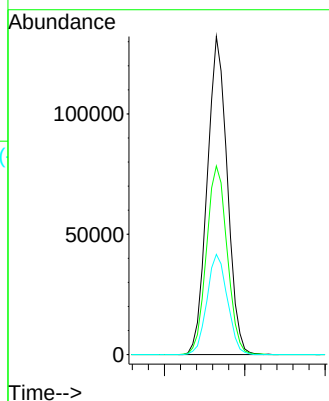
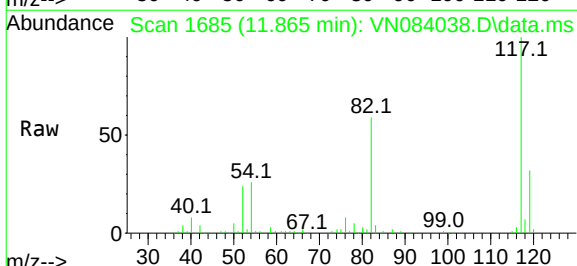
Tgt Ion: 117 Resp: 229497

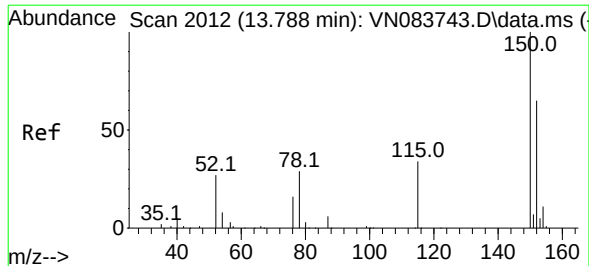
Ion Ratio Lower Upper

117 100

82 59.3 47.4 71.0

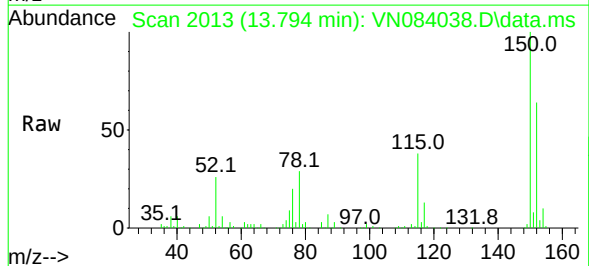
119 31.5 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084038.D
 Acq: 19 Sep 2024 16:52

Instrument :
 MSVOA_N
 ClientSampleId :
 MW178S-20240911



Tgt Ion:	152	Resp:	97101
Ion	Ratio	Lower	Upper
152	100		
115	62.3	32.2	96.6
150	156.3	0.0	348.6

