

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083857.D
 Acq On : 13 Sep 2024 06:36
 Operator : JC\MD
 Sample : P3957-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D1-20240910

Quant Time: Sep 13 07:46:02 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)

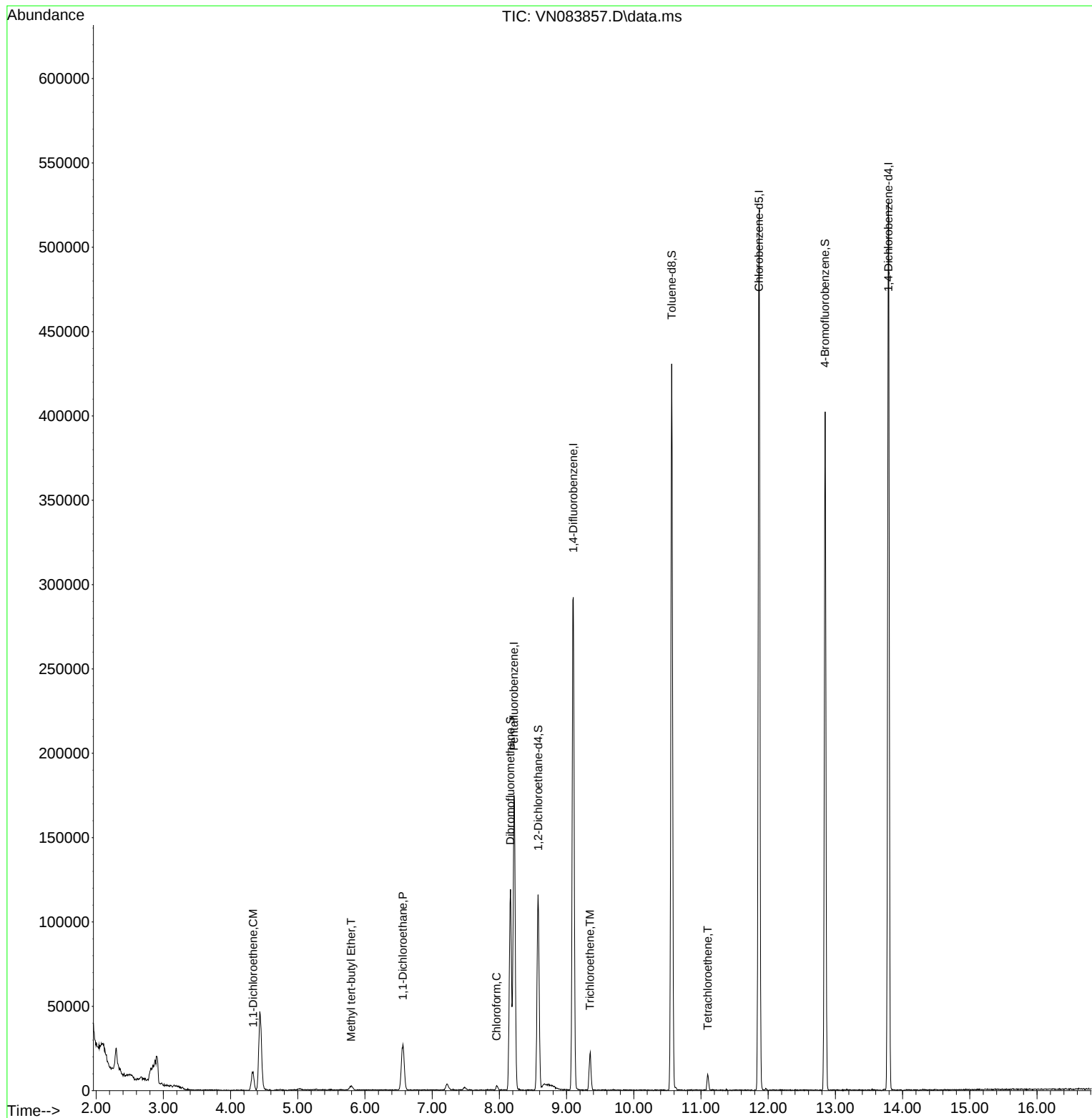
Internal Standards						
1) Pentafluorobenzene	8.218	168	117400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	98986	55.917	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.840%
35) Dibromofluoromethane	8.165	113	77588	48.696	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.400%
50) Toluene-d8	10.565	98	279630	50.766	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.540%
62) 4-Bromofluorobenzene	12.847	95	135472	59.612	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	119.220%
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	4.336	96	6858	5.401	ug/l #	73
19) Methyl tert-butyl Ether	5.794	73	4787	1.042	ug/l	96
24) 1,1-Dichloroethane	6.565	63	39478	14.712	ug/l	98
30) Chloroform	7.959	83	2631	0.924	ug/l	87
44) Trichloroethene	9.347	130	7555	4.520	ug/l	92
64) Tetrachloroethene	11.100	164	2059	1.104	ug/l #	86

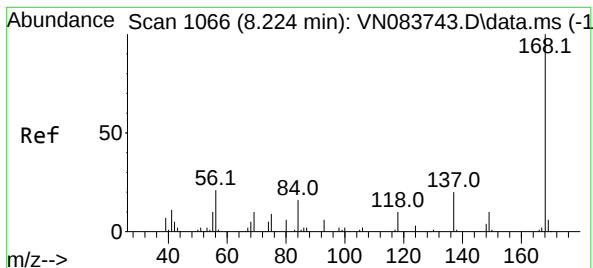
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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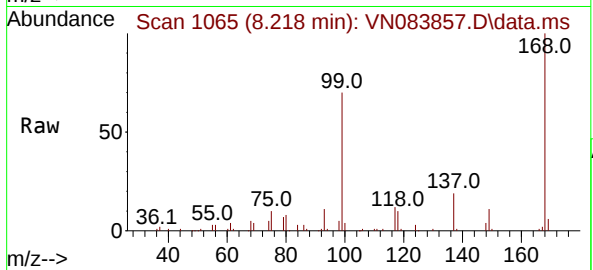
Quant Time: Sep 13 07:46:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



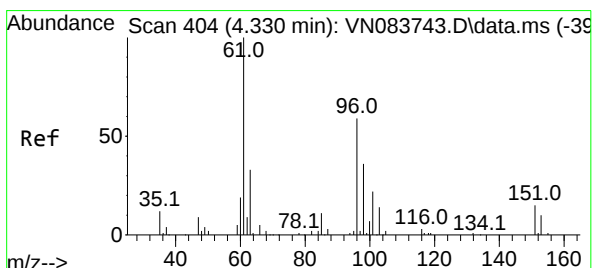
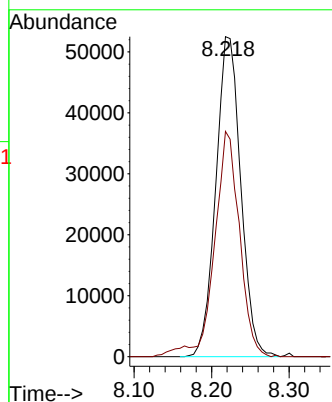
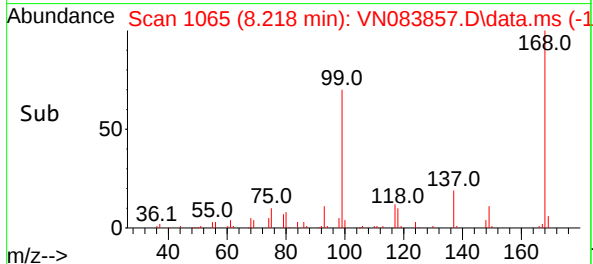


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083857.D
Acq: 13 Sep 2024 06:36

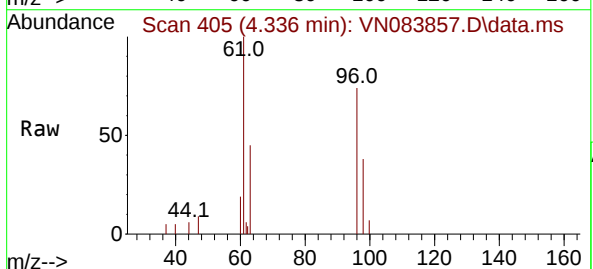
Instrument :
MSVOA_N
ClientSampleId :
MW203D1-20240910



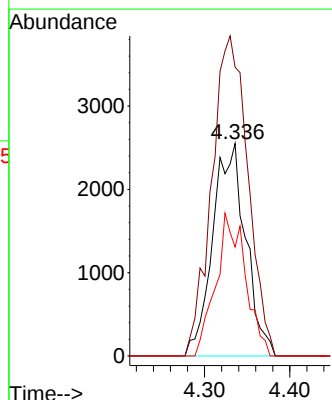
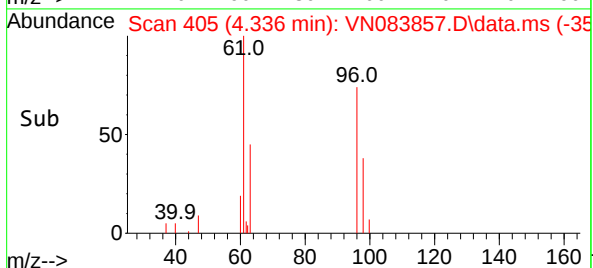
Tgt Ion:168 Resp: 117400
Ion Ratio Lower Upper
168 100
99 70.4 54.2 81.2

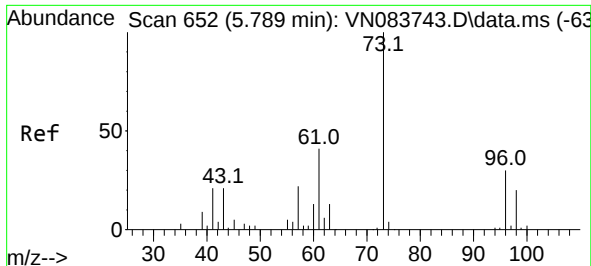


#12
1,1-Dichloroethene
Concen: 5.401 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN083857.D
Acq: 13 Sep 2024 06:36



Tgt Ion: 96 Resp: 6858
Ion Ratio Lower Upper
96 100
61 135.9 143.4 215.0#
98 51.3 52.7 79.1#





#19

Methyl tert-butyl Ether

Concen: 1.042 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN083857.D

Acq: 13 Sep 2024 06:36

Instrument :

MSVOA_N

ClientSampleId :

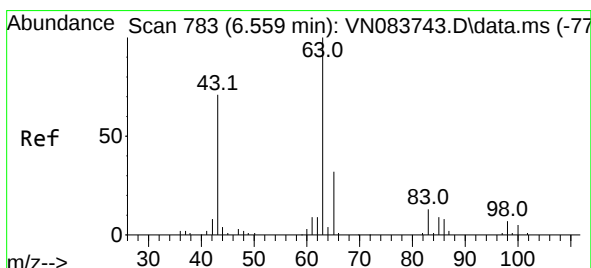
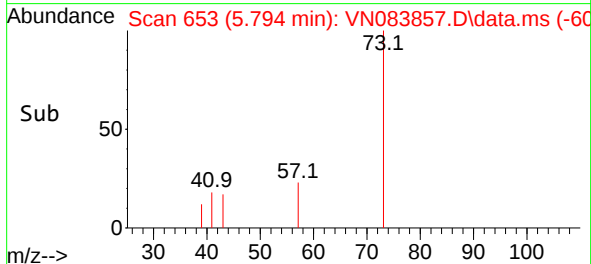
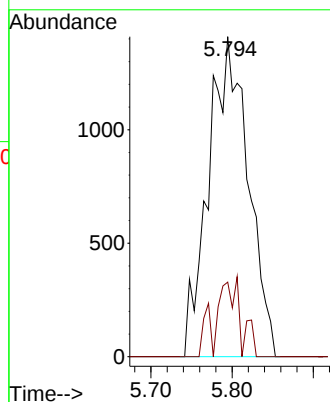
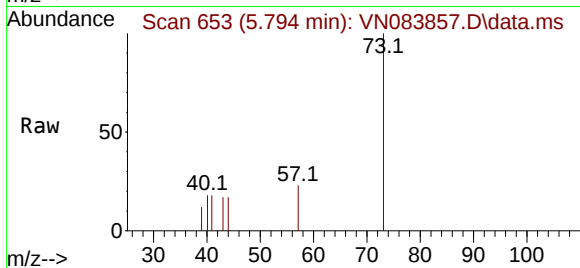
MW203D1-20240910

Tgt Ion: 73 Resp: 4787

Ion Ratio Lower Upper

73 100

57 23.3 17.0 25.6



#24

1,1-Dichloroethane

Concen: 14.712 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.006 min

Lab File: VN083857.D

Acq: 13 Sep 2024 06:36

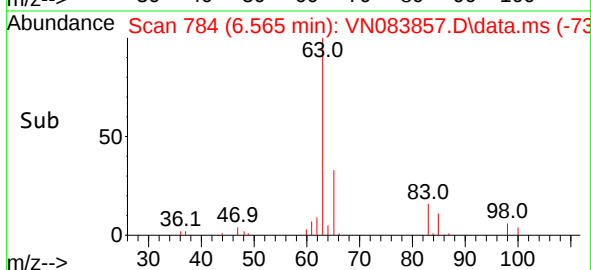
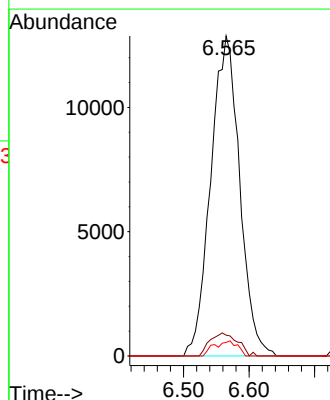
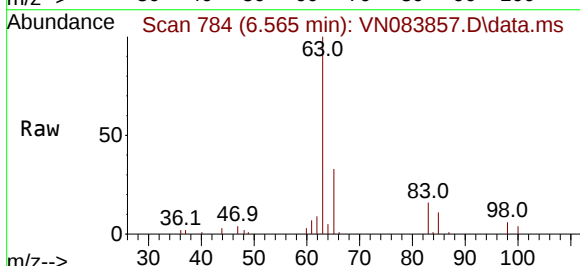
Tgt Ion: 63 Resp: 39478

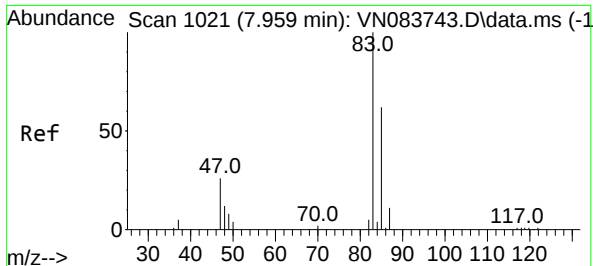
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.3 2.5 7.5

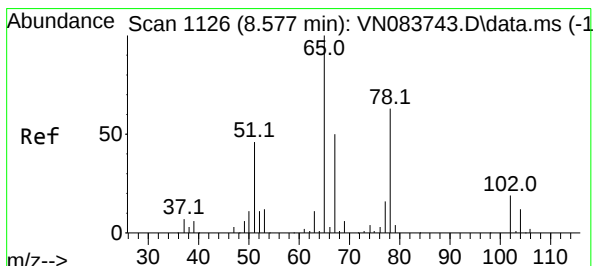
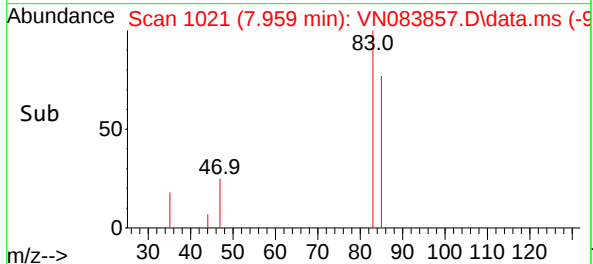
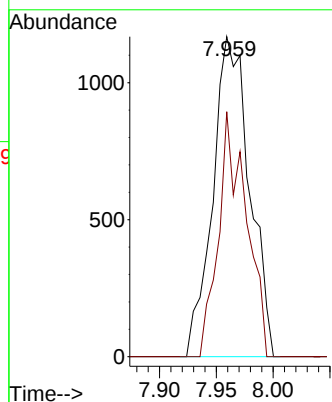
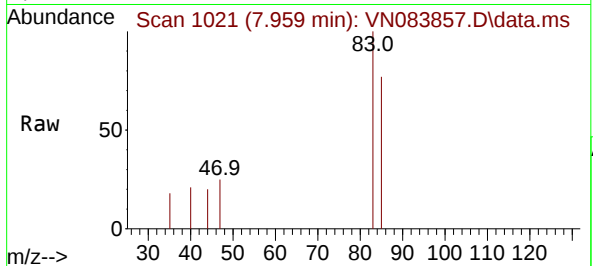




#30
Chloroform
Concen: 0.924 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN083857.D
Acq: 13 Sep 2024 06:36

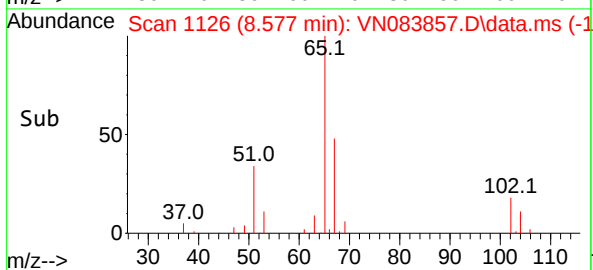
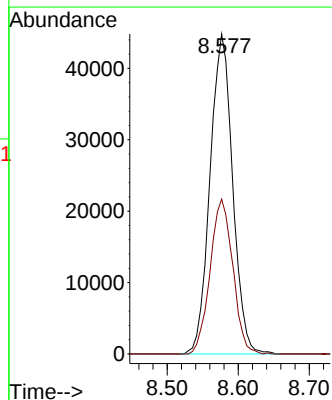
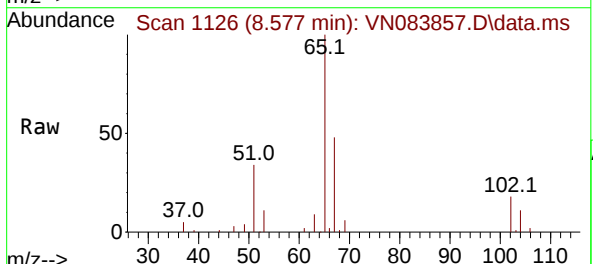
Instrument :
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MW203D1-20240910

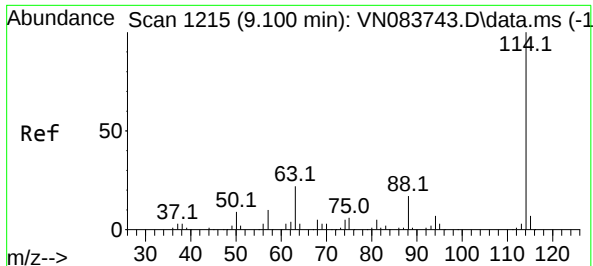
Tgt Ion: 83 Resp: 2631
Ion Ratio Lower Upper
83 100
85 76.5 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: 55.917 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083857.D
Acq: 13 Sep 2024 06:36

Tgt Ion: 65 Resp: 98986
Ion Ratio Lower Upper
65 100
67 48.5 0.0 100.8

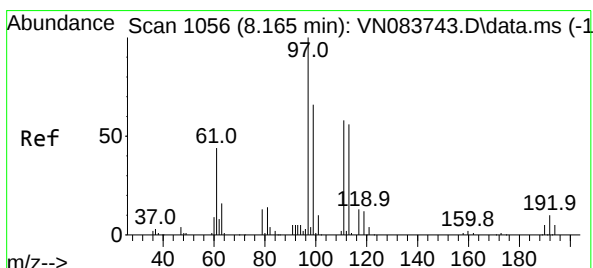
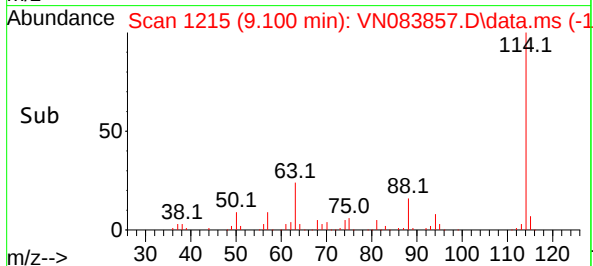
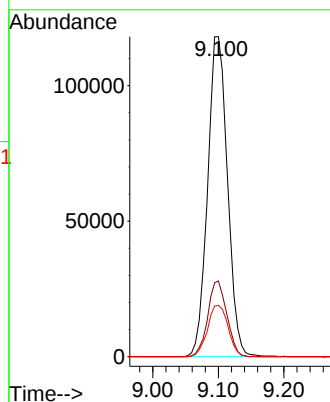
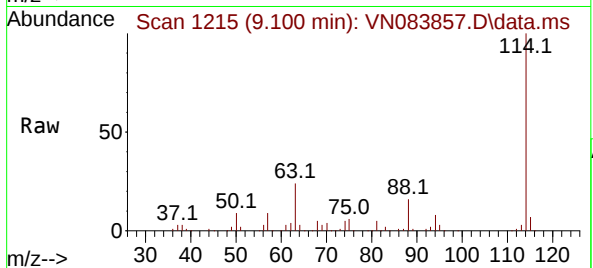




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083857.D
Acq: 13 Sep 2024 06:36

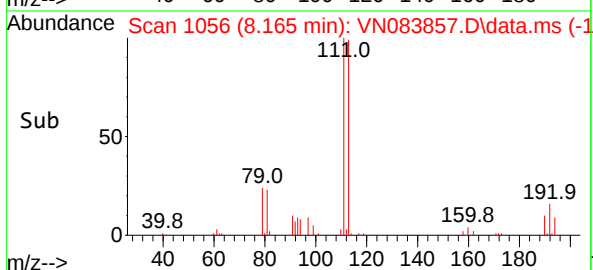
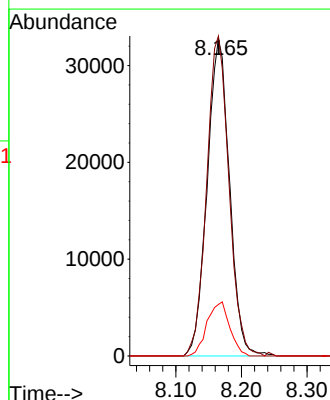
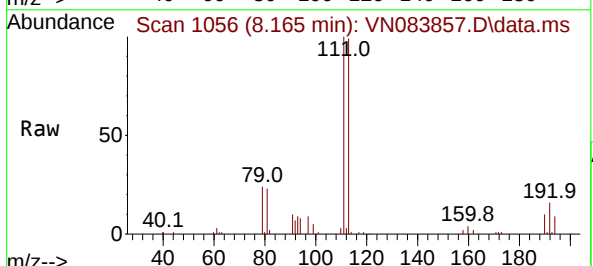
Instrument :
MSVOA_N
ClientSampleId :
MW203D1-20240910

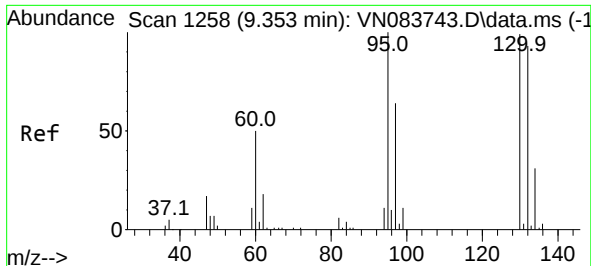
Tgt Ion:114 Resp: 248884
Ion Ratio Lower Upper
114 100
63 23.6 0.0 43.4
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.696 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083857.D
Acq: 13 Sep 2024 06:36

Tgt Ion:113 Resp: 77588
Ion Ratio Lower Upper
113 100
111 100.4 82.6 124.0
192 17.3 14.3 21.5

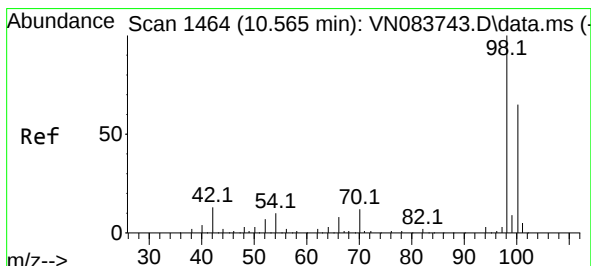
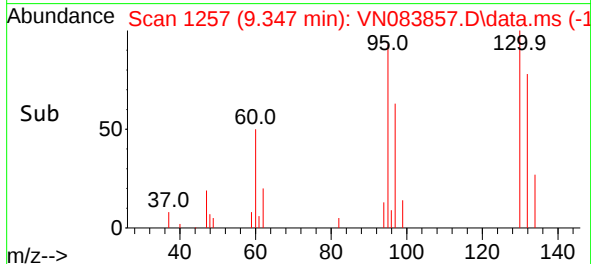
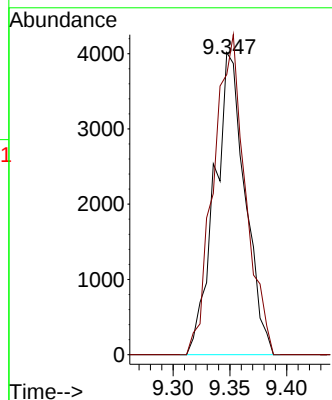
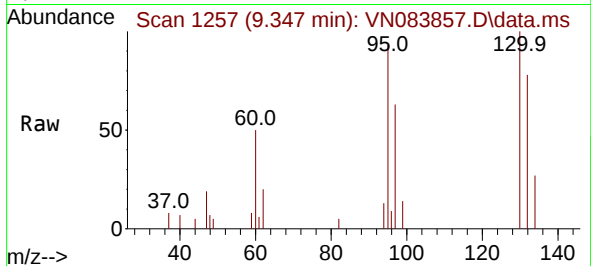




#44
Trichloroethene
Concen: 4.520 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083857.D
Acq: 13 Sep 2024 06:36

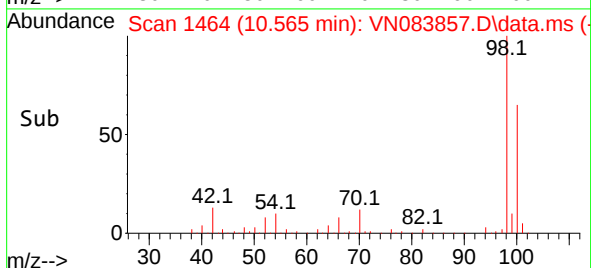
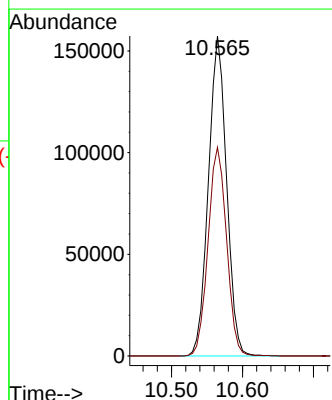
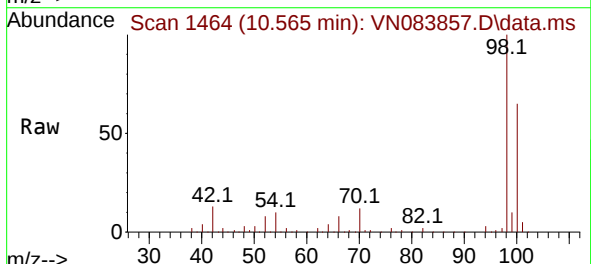
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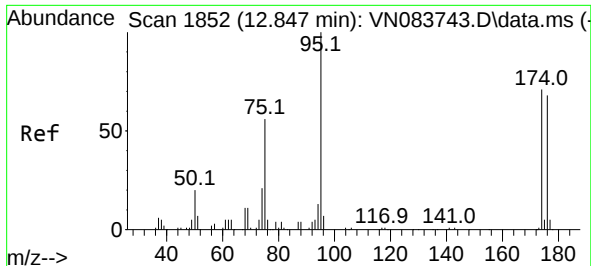
Tgt Ion:130 Resp: 7555
Ion Ratio Lower Upper
130 100
95 92.7 0.0 200.4



#50
Toluene-d8
Concen: 50.766 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083857.D
Acq: 13 Sep 2024 06:36

Tgt Ion: 98 Resp: 279630
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0

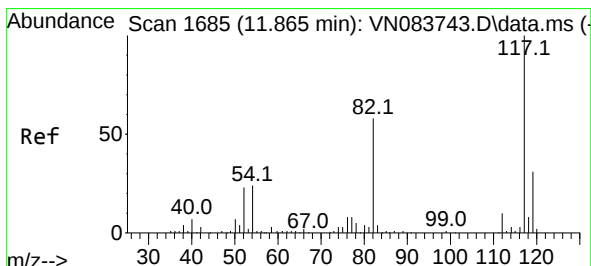
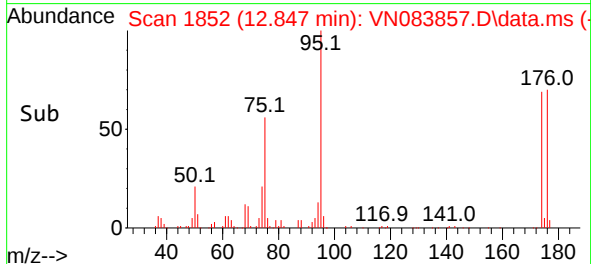
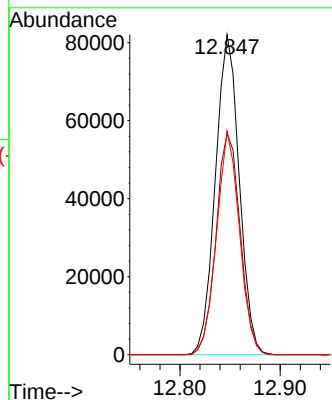
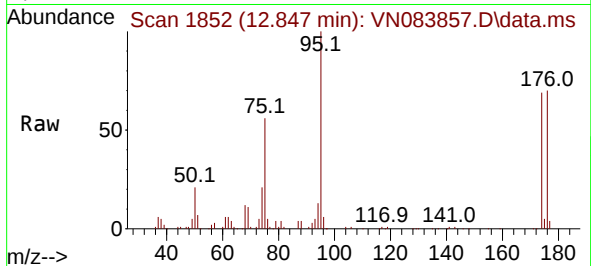




#62
4-Bromofluorobenzene
Concen: 59.612 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083857.D
Acq: 13 Sep 2024 06:36

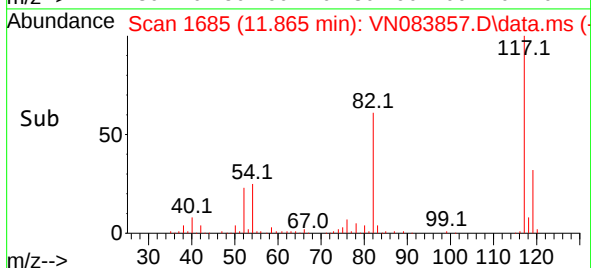
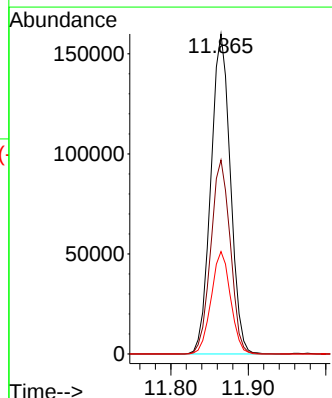
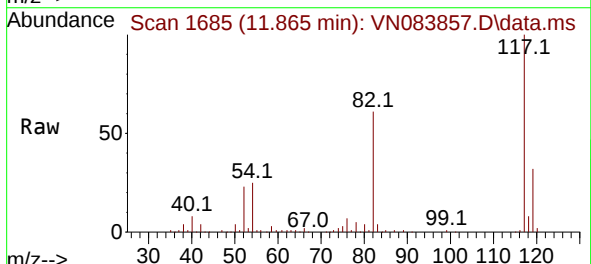
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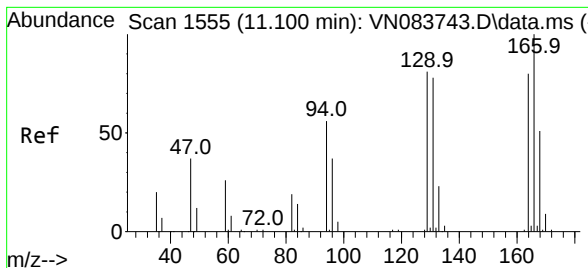
Tgt Ion: 95 Resp: 135472
Ion Ratio Lower Upper
95 100
174 70.0 0.0 139.8
176 67.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083857.D
Acq: 13 Sep 2024 06:36

Tgt Ion: 117 Resp: 280410
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.0
119 32.0 26.3 39.5





#64

Tetrachloroethene

Concen: 1.104 ug/l

RT: 11.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083857.D

Acq: 13 Sep 2024 06:36

Instrument :

MSVOA_N

ClientSampleId :

MW203D1-20240910

Tgt Ion:164 Resp: 2059

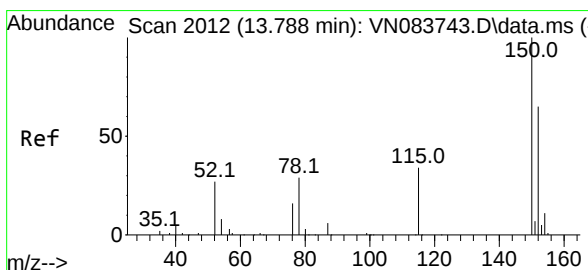
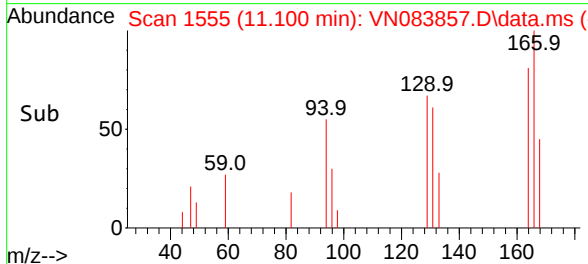
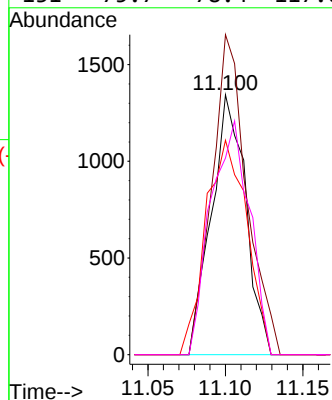
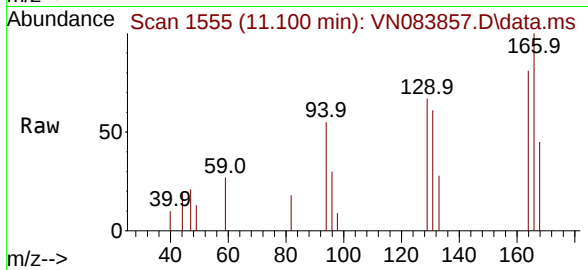
Ion Ratio Lower Upper

164 100

166 123.1 103.7 155.5

129 82.5 79.9 119.9

131 75.7 78.4 117.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN083857.D

Acq: 13 Sep 2024 06:36

Tgt Ion:152 Resp: 133823

Ion Ratio Lower Upper

152 100

115 64.1 32.2 96.6

150 158.6 0.0 348.6

