

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085194.D
 Acq On : 13 Dec 2024 14:16
 Operator : JC\MD
 Sample : P5270-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW8-20241211

Quant Time: Dec 13 23:33:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

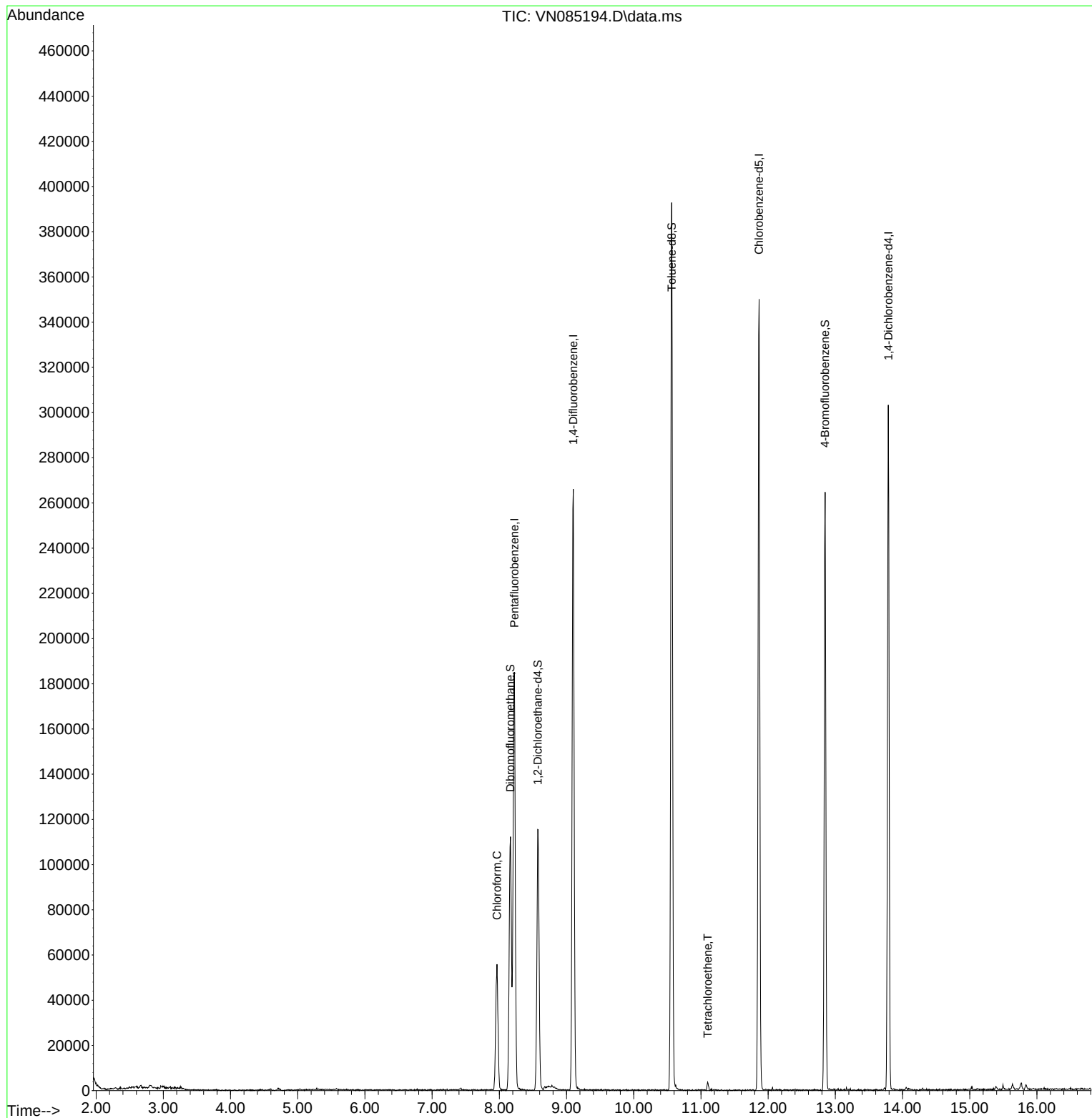
Internal Standards						
1) Pentafluorobenzene	8.224	168	134343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	233695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	202190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	81706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	97217	50.803	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.600%
35) Dibromofluoromethane	8.165	113	81390	51.645	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.280%
50) Toluene-d8	10.565	98	275639	48.804	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.600%
62) 4-Bromofluorobenzene	12.847	95	93207	44.130	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.260%
Target Compounds						
30) Chloroform	7.965	83	52513	17.051	ug/l	97
64) Tetrachloroethene	11.100	164	923	0.677	ug/l #	73

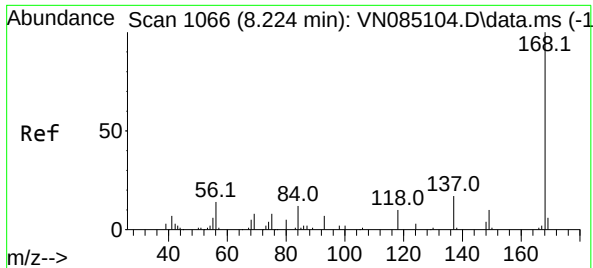
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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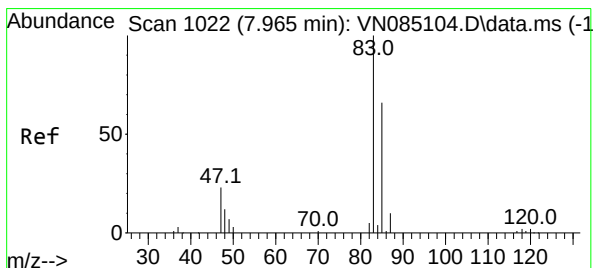
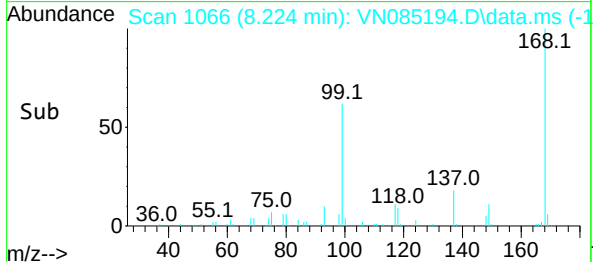
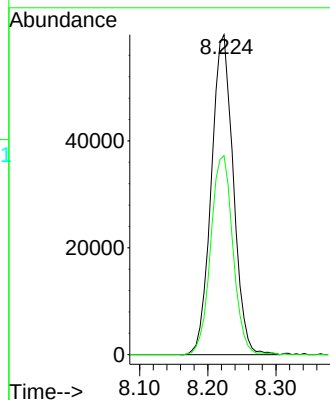
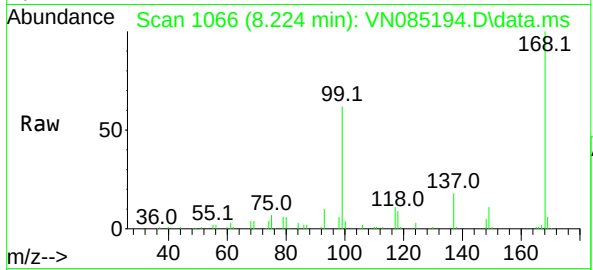




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

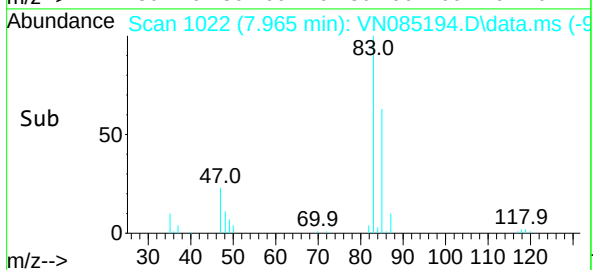
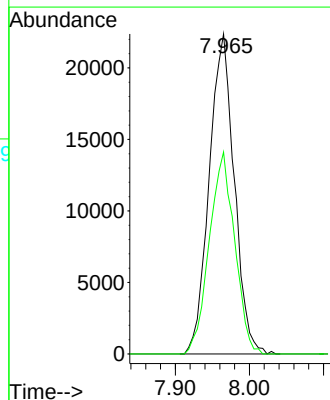
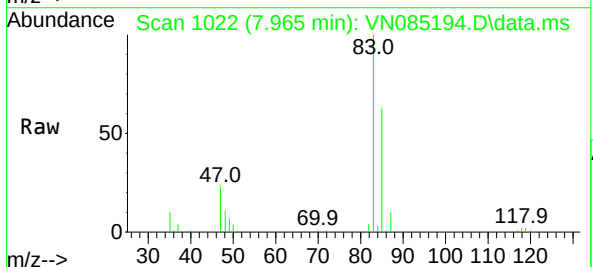
Instrument :
MSVOA_N
ClientSampleId :
MW8-20241211

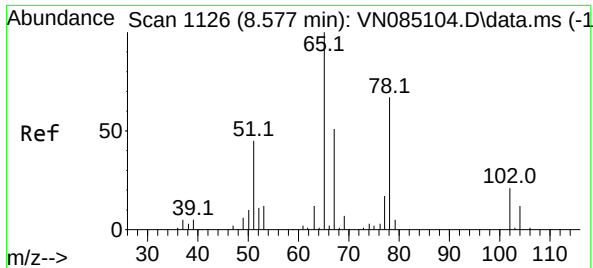
Tgt Ion:168 Resp: 134343
Ion Ratio Lower Upper
168 100
99 62.2 51.2 76.8



#30
Chloroform
Concen: 17.051 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

Tgt Ion: 83 Resp: 52513
Ion Ratio Lower Upper
83 100
85 63.1 52.6 78.8

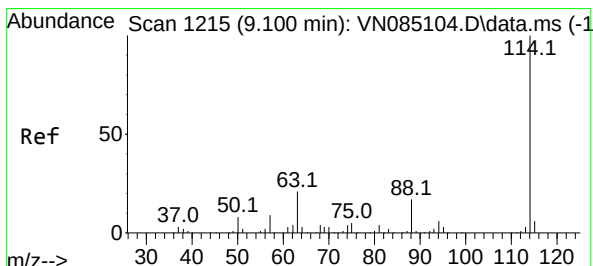
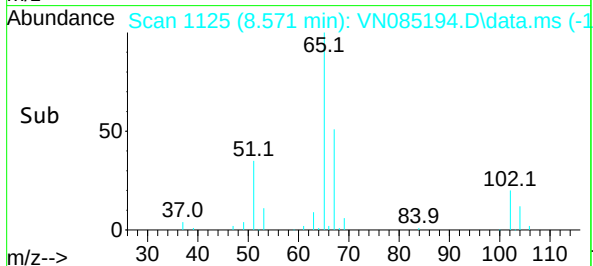
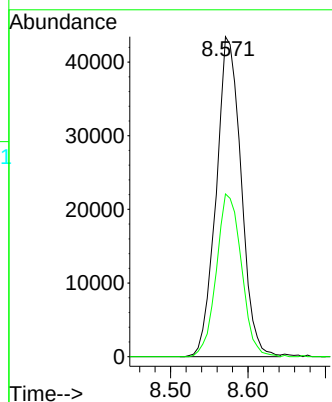
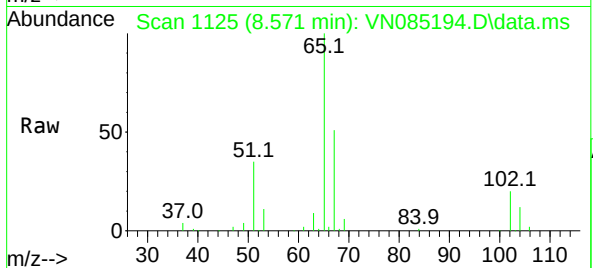




#33
 1,2-Dichloroethane-d4
 Concen: 50.803 ug/l
 RT: 8.571 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN085194.D
 Acq: 13 Dec 2024 14:16

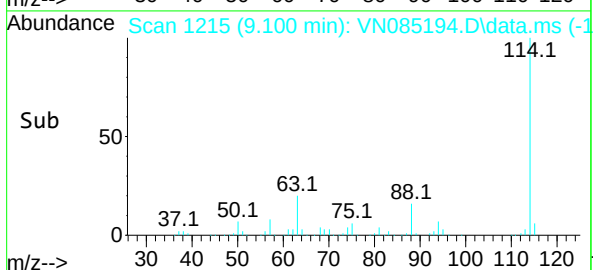
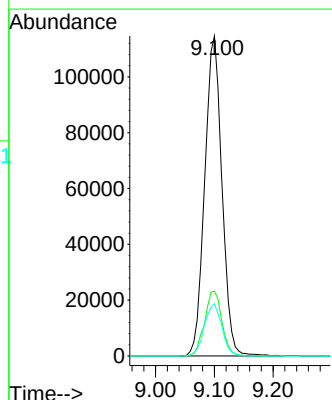
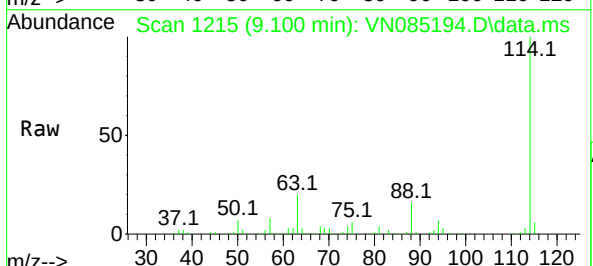
Instrument :
 MSVOA_N
 ClientSampleId :
 MW8-20241211

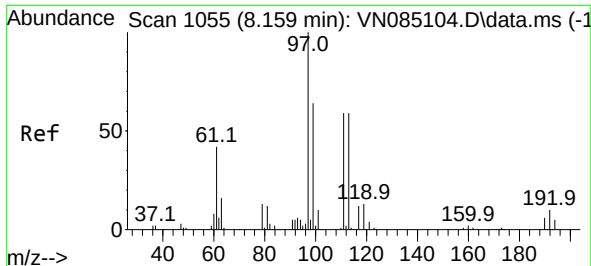
Tgt Ion: 65 Resp: 97217
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085194.D
 Acq: 13 Dec 2024 14:16

Tgt Ion: 114 Resp: 233695
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.0
 88 16.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.645 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085194.D

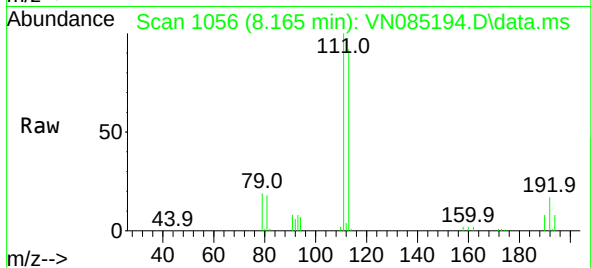
Acq: 13 Dec 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

MW8-20241211



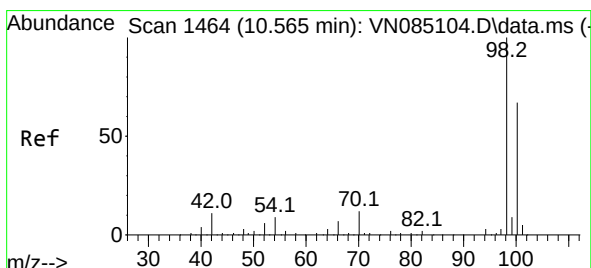
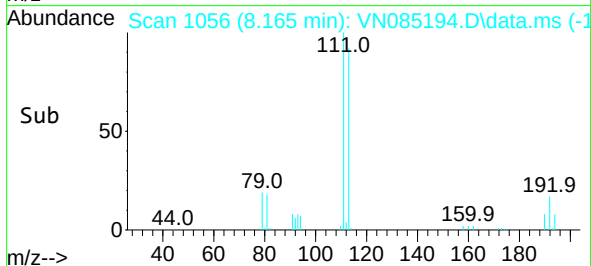
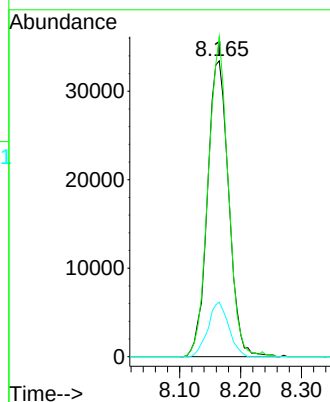
Tgt Ion:113 Resp: 81390

Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

192 17.9 14.8 22.2



#50

Toluene-d8

Concen: 48.804 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085194.D

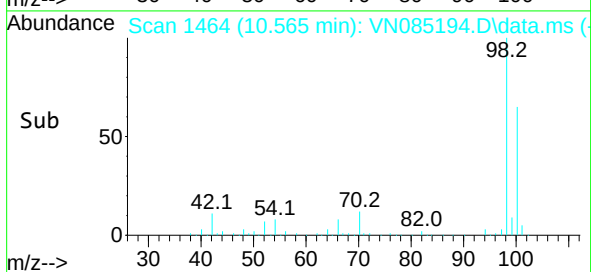
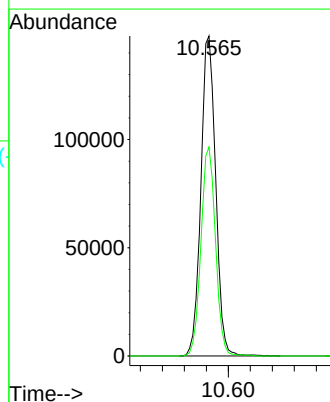
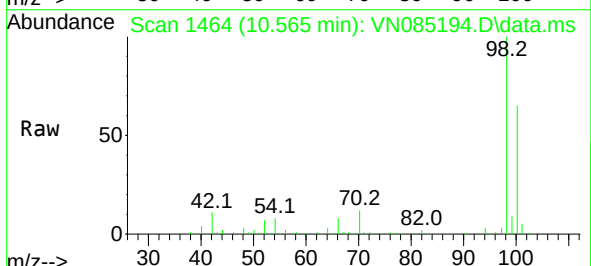
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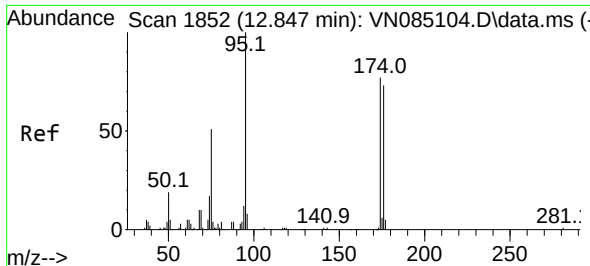
Tgt Ion: 98 Resp: 275639

Ion Ratio Lower Upper

98 100

100 64.3 52.5 78.7

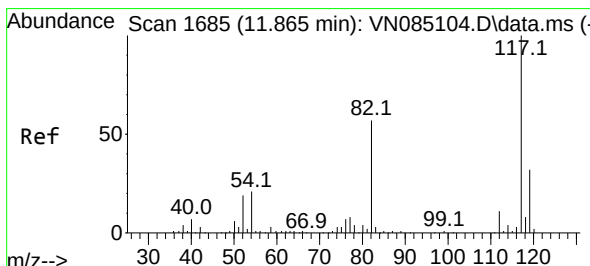
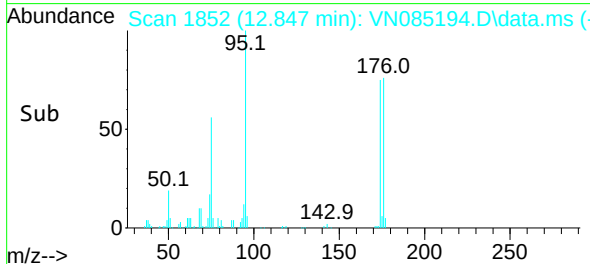
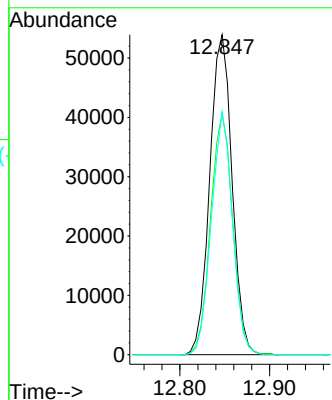
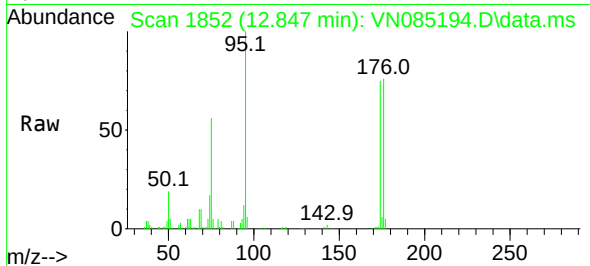




#62
4-Bromofluorobenzene
Concen: 44.130 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

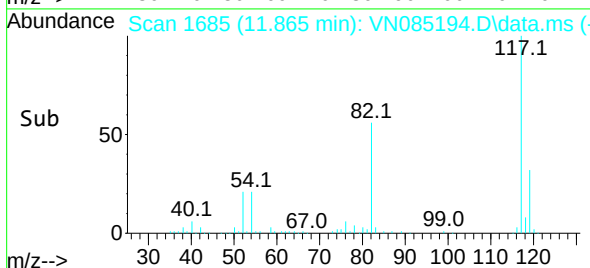
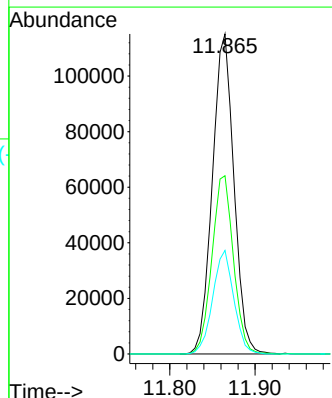
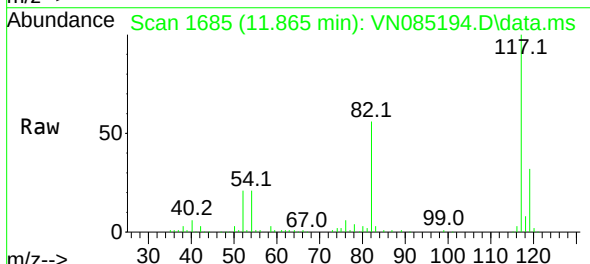
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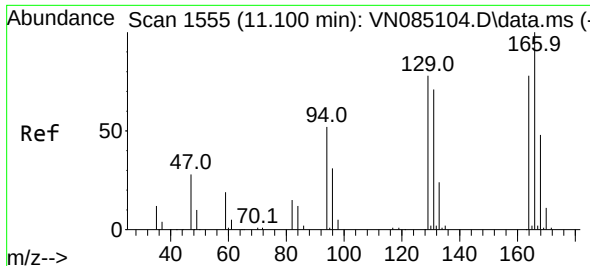
Tgt Ion: 95	Resp: 93207
Ion Ratio	Lower Upper
95 100	
174 74.4	0.0 146.6
176 71.8	0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

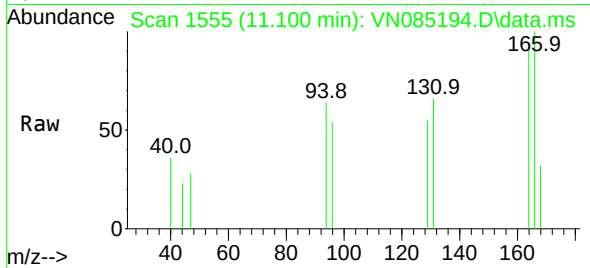
Tgt Ion: 117	Resp: 202190
Ion Ratio	Lower Upper
117 100	
82 55.7	46.0 69.0
119 32.4	25.6 38.4



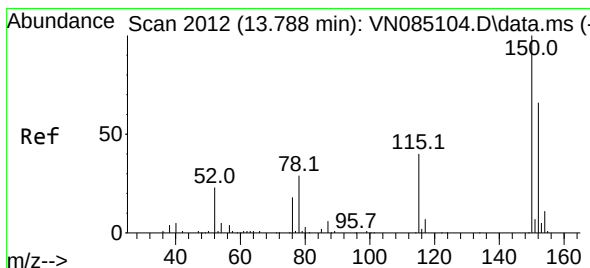
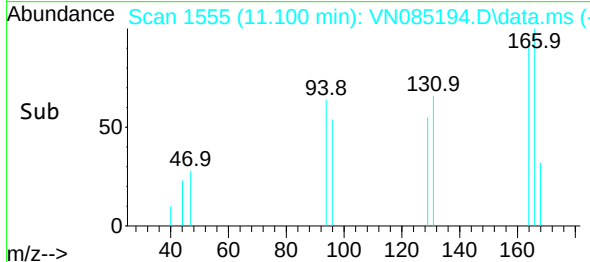
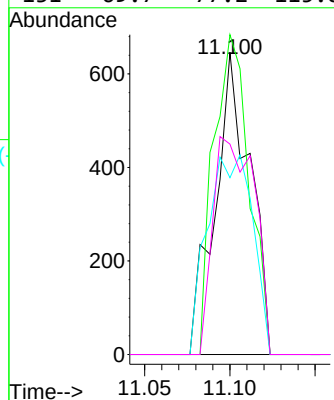


#64
Tetrachloroethene
Concen: 0.677 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
MW8-20241211



Tgt Ion:	164	Resp:	923
Ion	Ratio	Lower	Upper
164	100		
166	105.9	100.6	151.0
129	58.5	77.7	116.5#
131	69.7	77.2	115.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

Tgt Ion:	152	Resp:	81706
Ion	Ratio	Lower	Upper
152	100		
115	62.9	31.7	95.1
150	159.7	0.0	351.4

