

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085195.D
 Acq On : 13 Dec 2024 14:40
 Operator : JC\MD
 Sample : P5270-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW11-20241211

Quant Time: Dec 13 23:34:11 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)

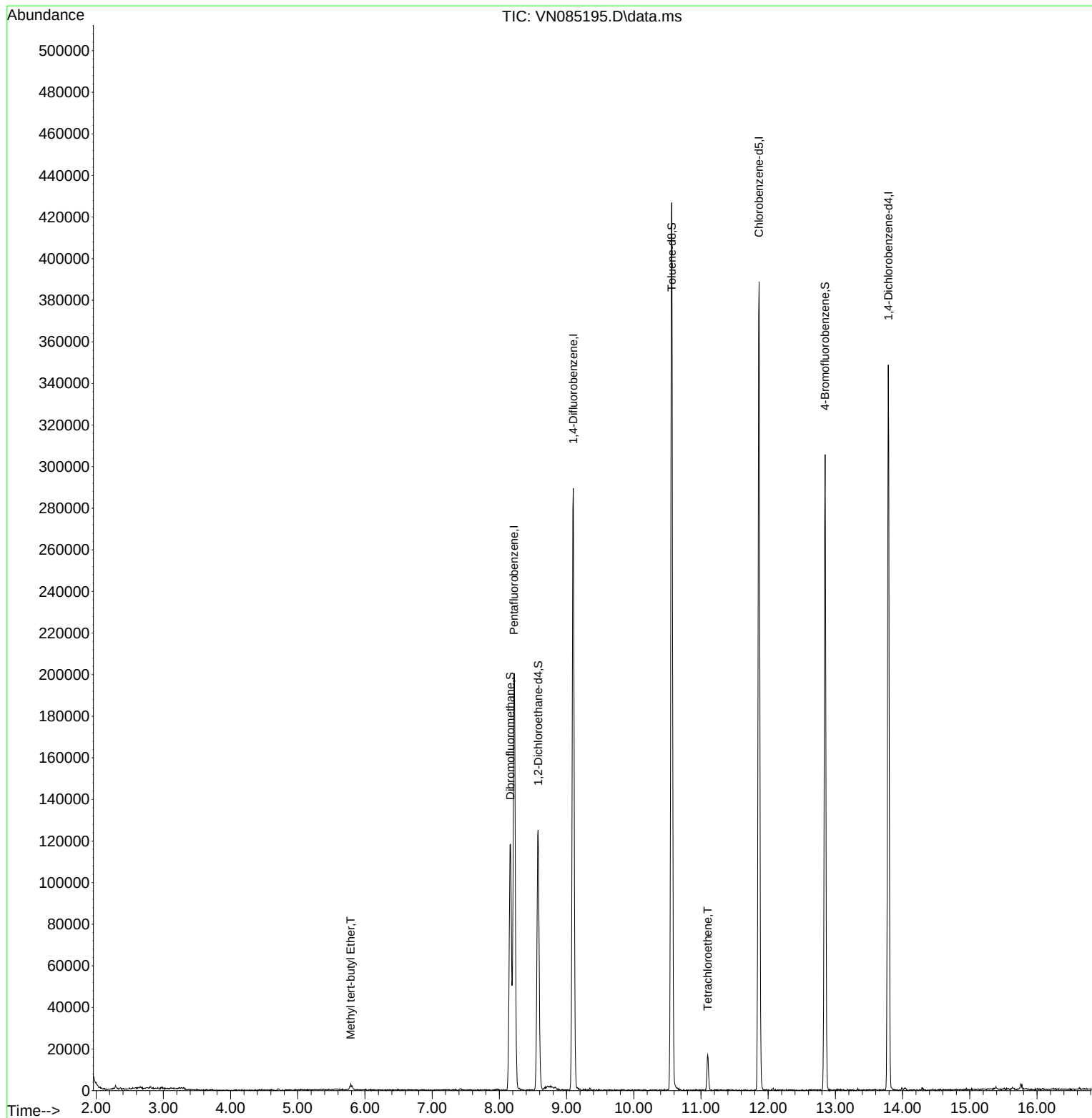
Internal Standards						
1) Pentafluorobenzene	8.218	168	143596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106912	52.269	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.540%	
35) Dibromofluoromethane	8.165	113	86800	51.836	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.680%	
50) Toluene-d8	10.565	98	297538	49.581	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.160%	
62) 4-Bromofluorobenzene	12.847	95	105362	46.948	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.900%	
Target Compounds						
19) Methyl tert-butyl Ether	5.789	73	4091	0.822	ug/l	# 83
64) Tetrachloroethene	11.100	164	4201	2.801	ug/l	93

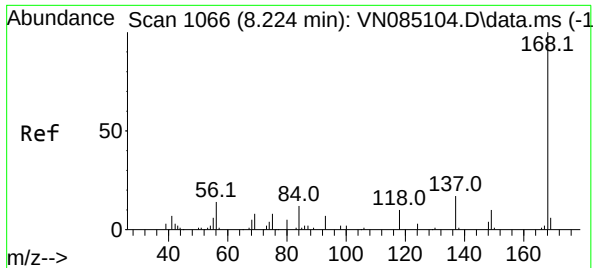
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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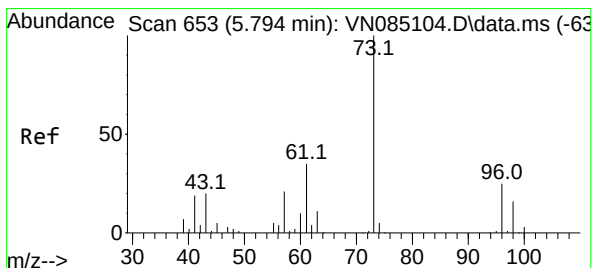
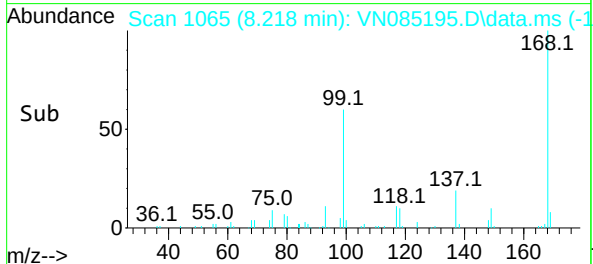
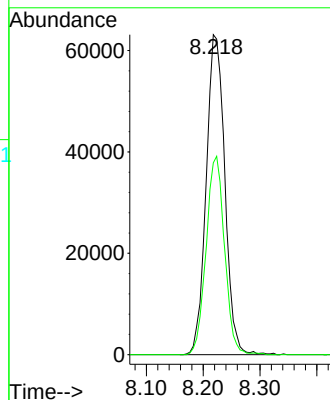
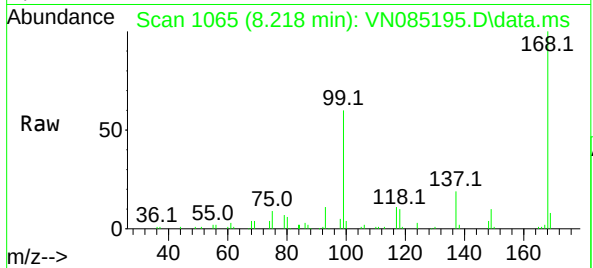




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

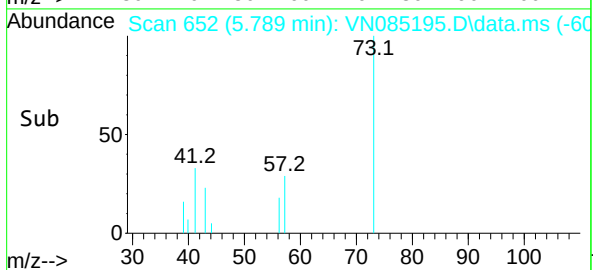
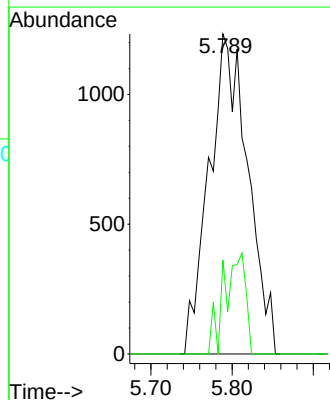
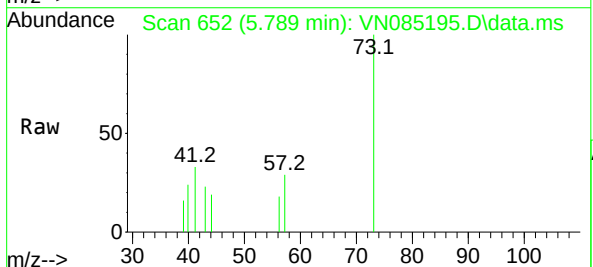
Instrument :
MSVOA_N
ClientSampleId :
MW11-20241211

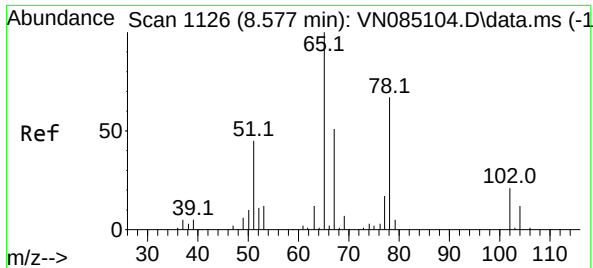
Tgt Ion:168 Resp: 143596
Ion Ratio Lower Upper
168 100
99 60.0 51.2 76.8



#19
Methyl tert-butyl Ether
Concen: 0.822 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

Tgt Ion: 73 Resp: 4091
Ion Ratio Lower Upper
73 100
57 29.3 17.0 25.4#

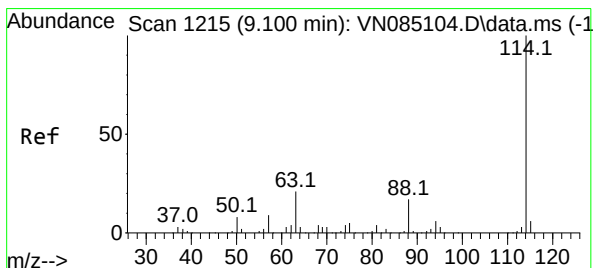
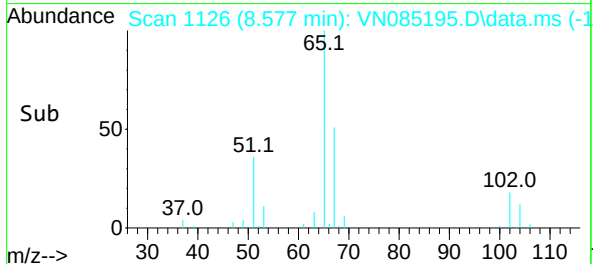
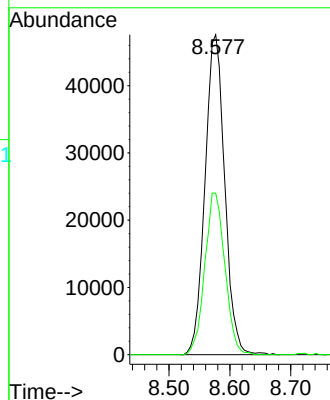
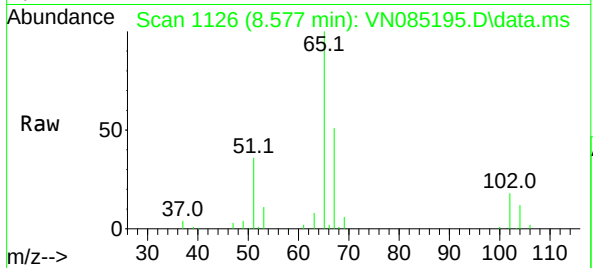




#33
 1,2-Dichloroethane-d4
 Concen: 52.269 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085195.D
 Acq: 13 Dec 2024 14:40

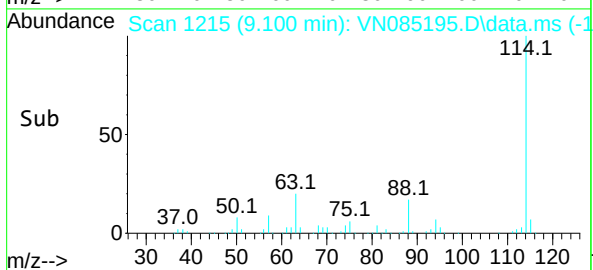
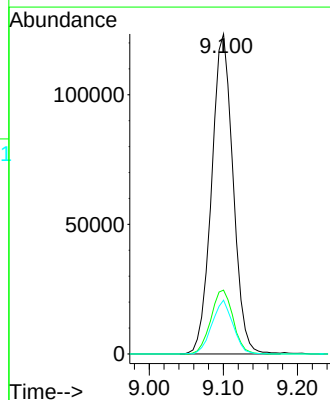
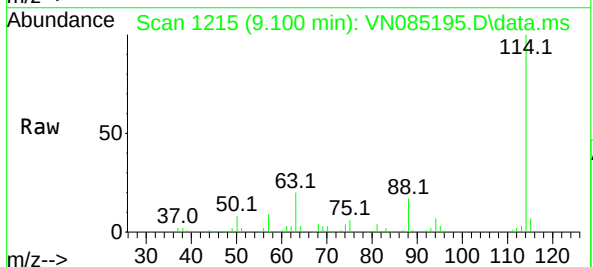
Instrument :
 MSVOA_N
 ClientSampleId :
 MW11-20241211

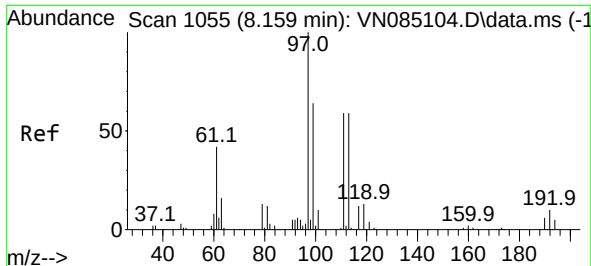
Tgt Ion: 65 Resp: 106912
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085195.D
 Acq: 13 Dec 2024 14:40

Tgt Ion: 114 Resp: 248311
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.0
 88 16.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.836 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085195.D

Acq: 13 Dec 2024 14:40

Instrument :

MSVOA_N

ClientSampleId :

MW11-20241211

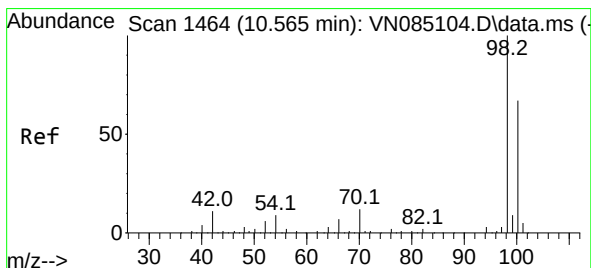
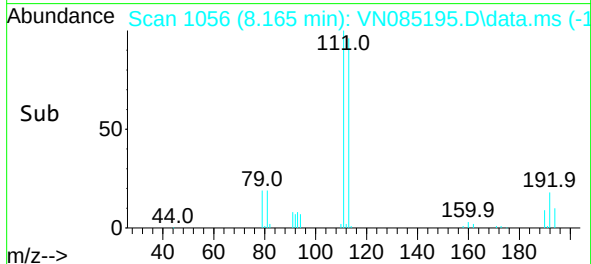
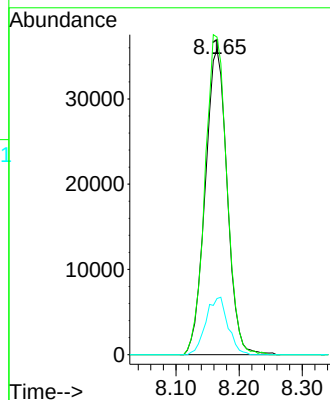
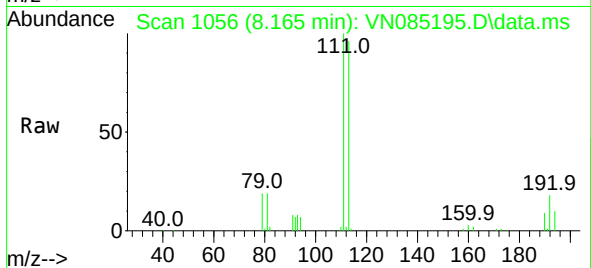
Tgt Ion:113 Resp: 86800

Ion Ratio Lower Upper

113 100

111 104.0 82.0 123.0

192 18.8 14.8 22.2



#50

Toluene-d8

Concen: 49.581 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085195.D

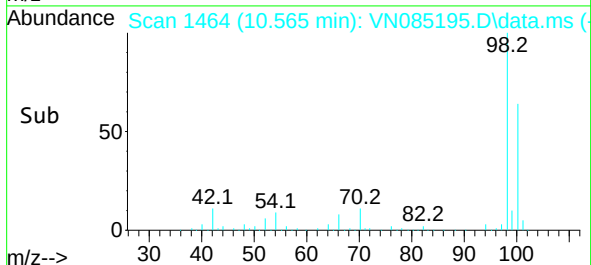
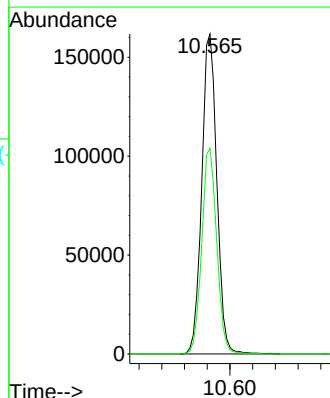
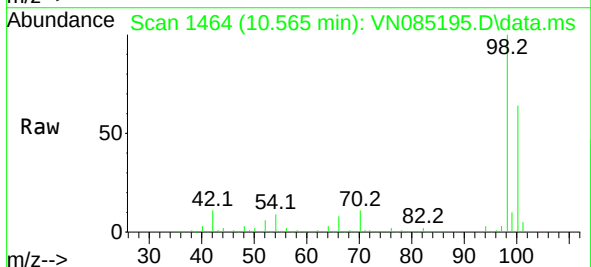
Acq: 13 Dec 2024 14:40

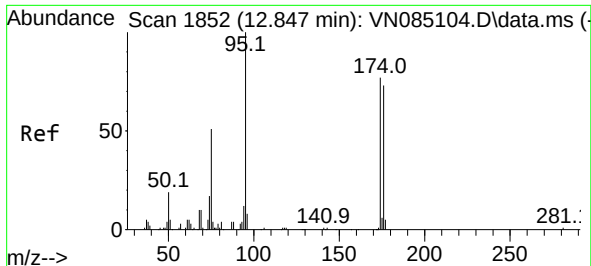
Tgt Ion: 98 Resp: 297538

Ion Ratio Lower Upper

98 100

100 64.1 52.5 78.7

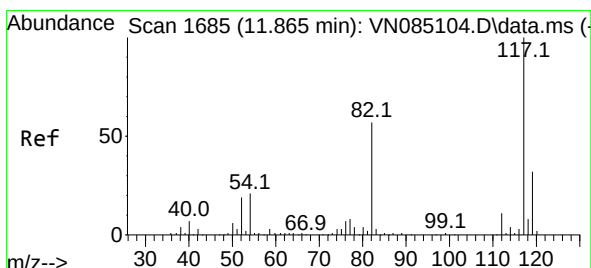
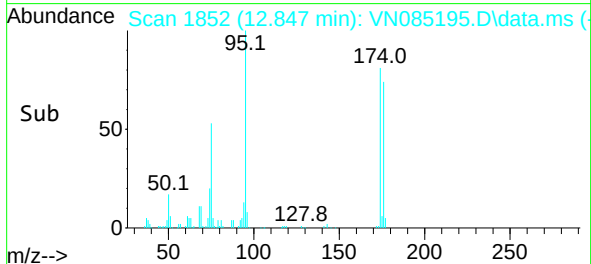
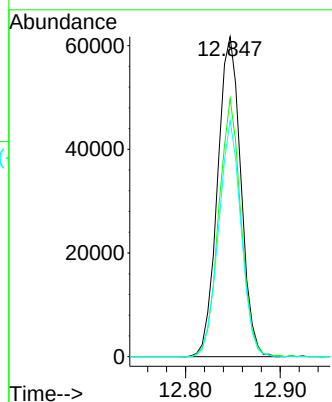
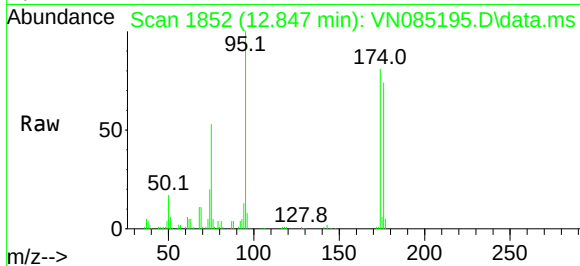




#62
4-Bromofluorobenzene
Concen: 46.948 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

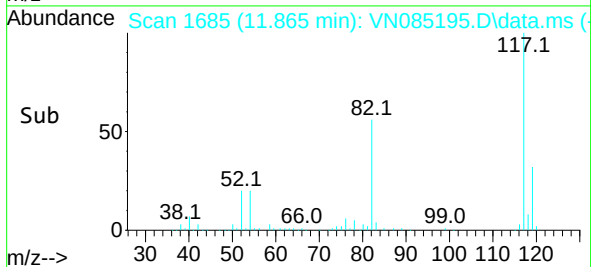
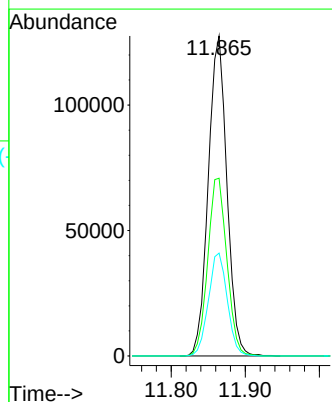
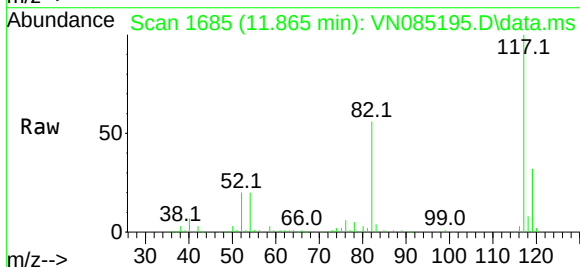
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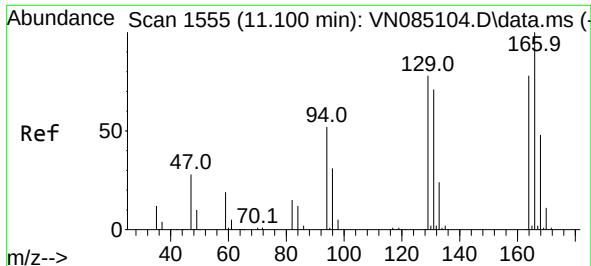
Tgt Ion:	95	Resp:	105362
Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	146.6
176	71.2	0.0	141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

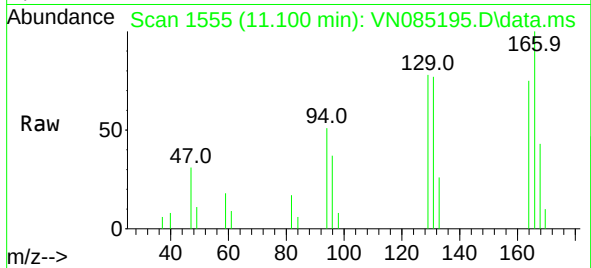
Tgt Ion:	117	Resp:	222610
Ion	Ratio	Lower	Upper
117	100		
82	55.5	46.0	69.0
119	32.2	25.6	38.4



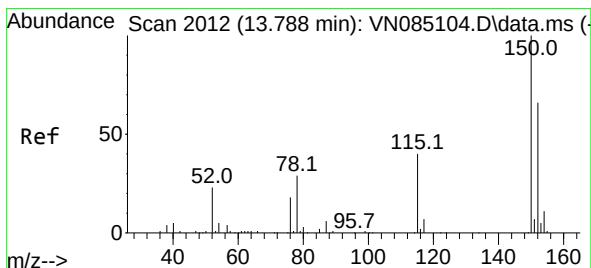
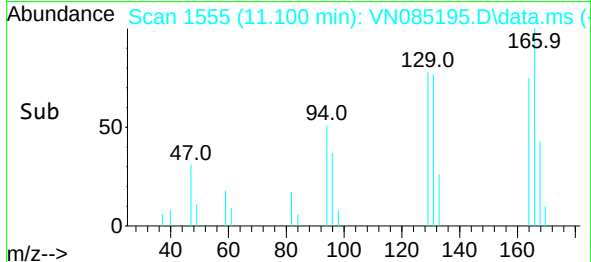
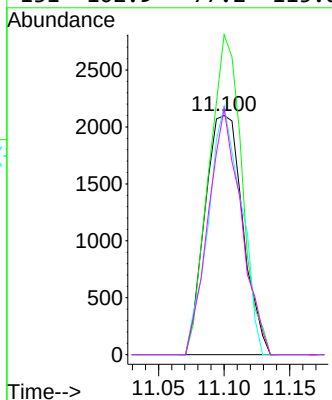


#64
Tetrachloroethene
Concen: 2.801 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

Instrument :
MSVOA_N
ClientSampleId :
MW11-20241211



Tgt Ion:164 Resp: 4201
Ion Ratio Lower Upper
164 100
166 133.7 100.6 151.0
129 104.0 77.7 116.5
131 102.9 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: VN085195.D
Acq: 13 Dec 2024 14:40

Tgt Ion:152 Resp: 94301
Ion Ratio Lower Upper
152 100
115 63.5 31.7 95.1
150 158.1 0.0 351.4

