

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085198.D
 Acq On : 13 Dec 2024 15:52
 Operator : JC\MD
 Sample : P5270-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW9-20241212

Quant Time: Dec 13 23:35:34 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)

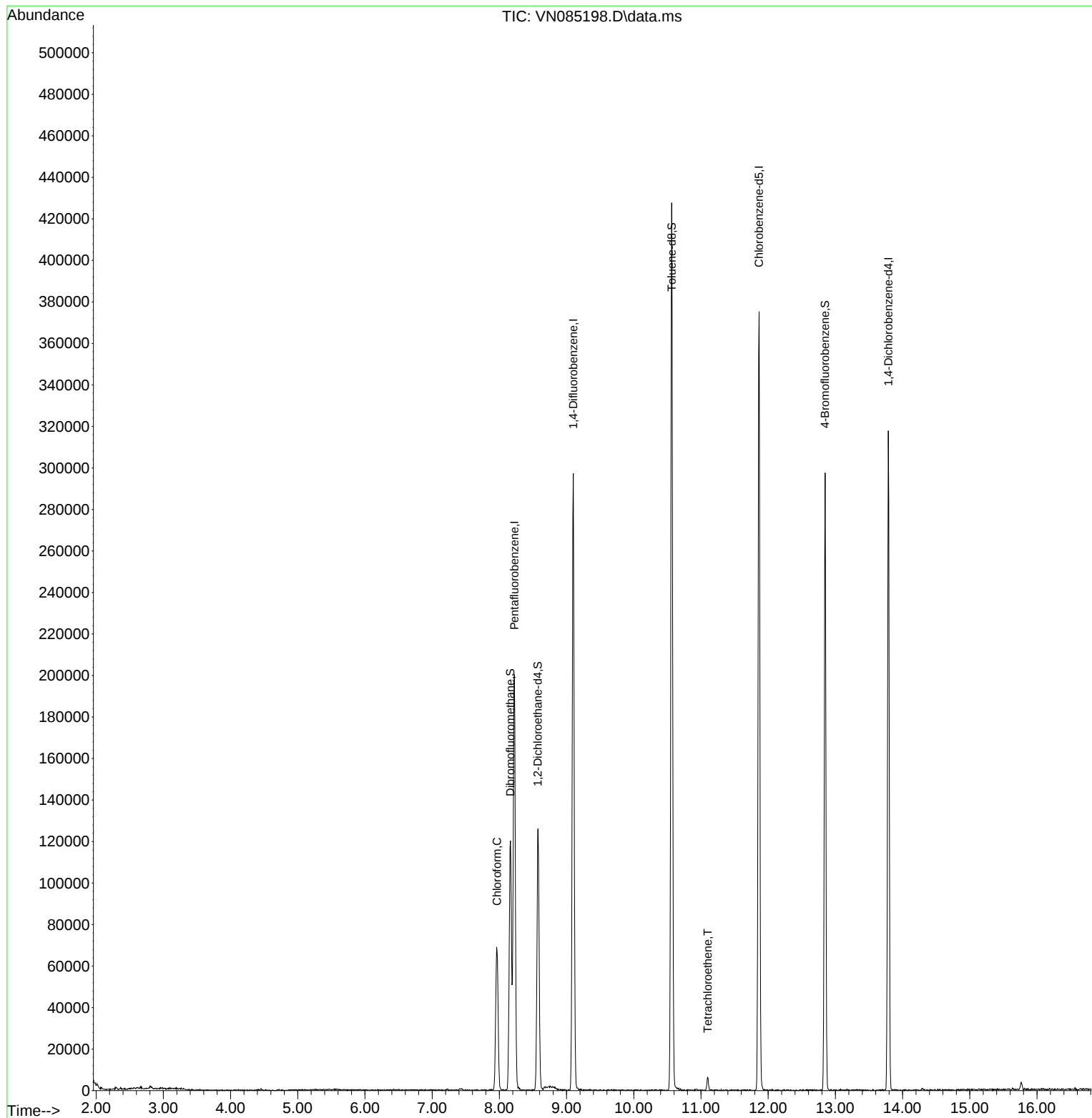
Internal Standards						
1) Pentafluorobenzene	8.224	168	144306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	217141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	87781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	106645	51.882	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.760%	
35) Dibromofluoromethane	8.165	113	86533	51.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.100%	
50) Toluene-d8	10.565	98	295508	48.644	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.280%	
62) 4-Bromofluorobenzene	12.847	95	97481	42.909	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 85.820%	
Target Compounds						
					Qvalue	
30) Chloroform	7.965	83	69640	21.051	ug/l	93
64) Tetrachloroethene	11.100	164	1580	1.080	ug/l #	75

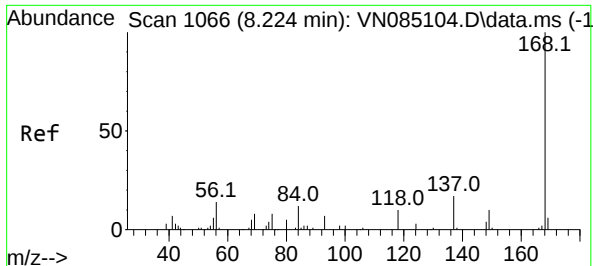
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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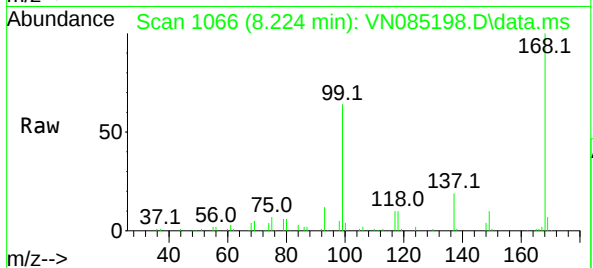
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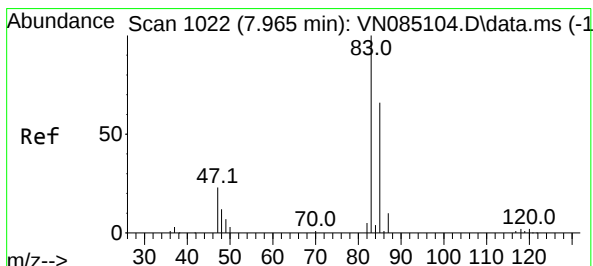
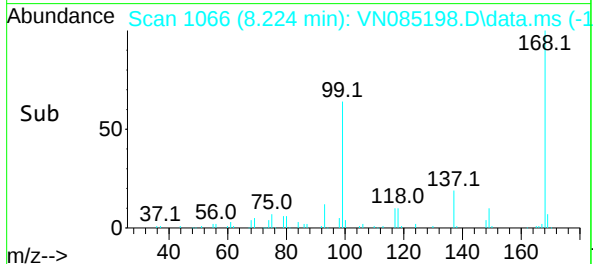
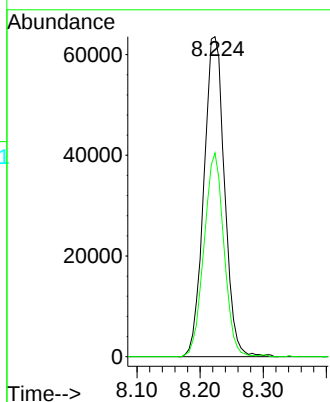


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

Instrument :
MSVOA_N
ClientSampleId :
MW9-20241212

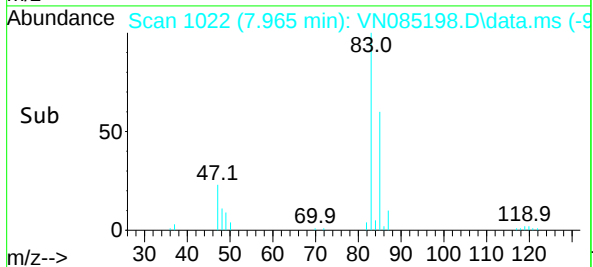
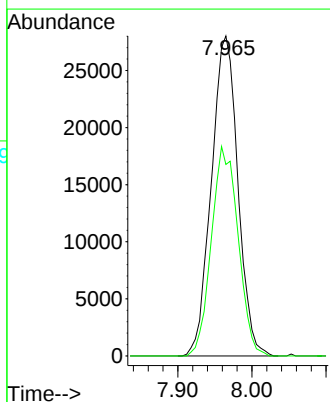
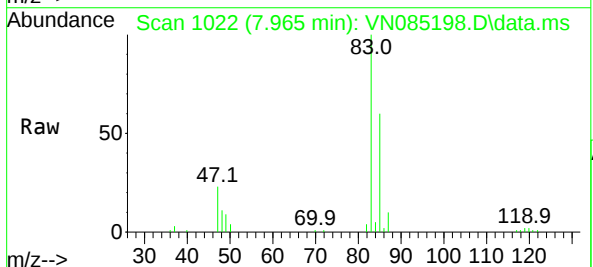


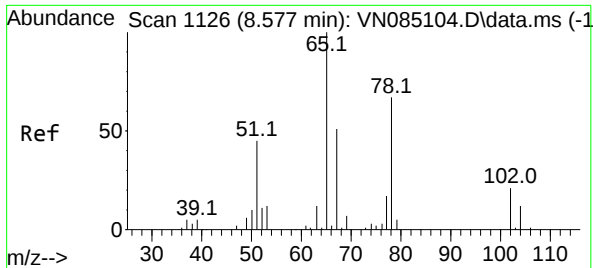
Tgt Ion:168 Resp: 144306
Ion Ratio Lower Upper
168 100
99 63.7 51.2 76.8



#30
Chloroform
Concen: 21.051 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

Tgt Ion: 83 Resp: 69640
Ion Ratio Lower Upper
83 100
85 59.8 52.6 78.8

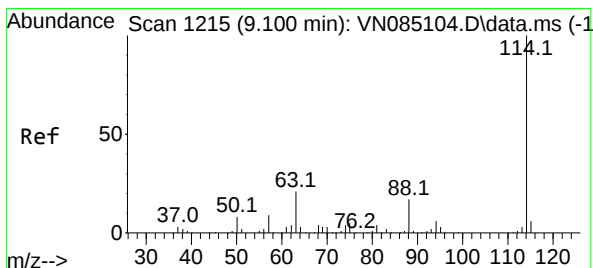
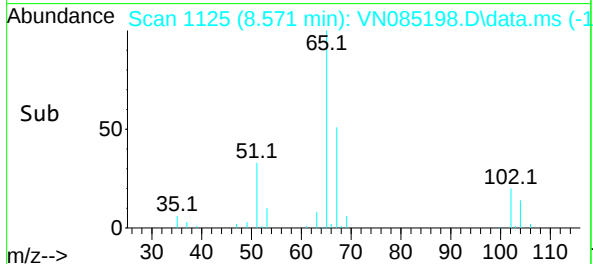
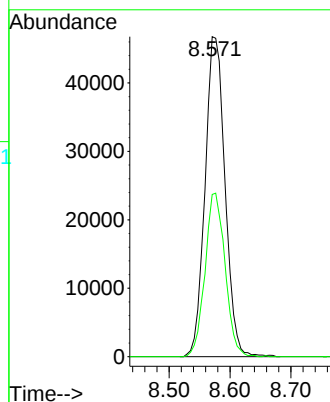
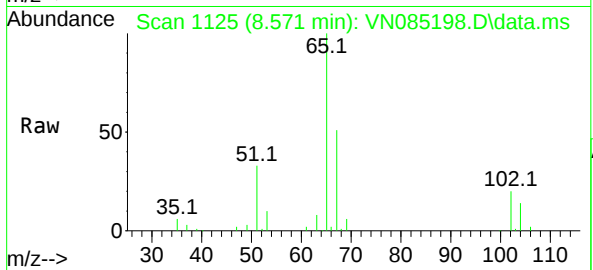




#33
1,2-Dichloroethane-d4
Concen: 51.882 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

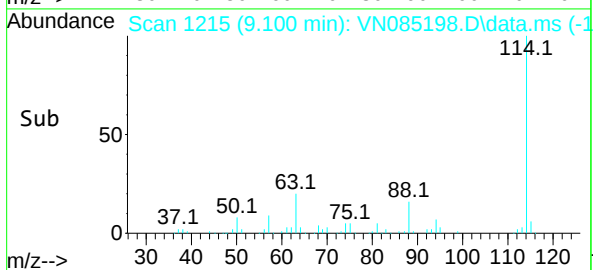
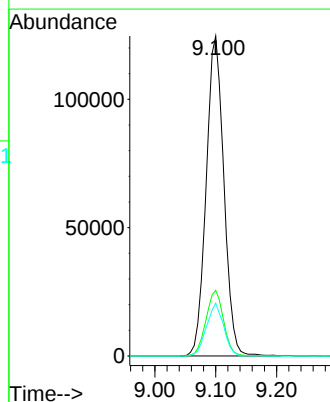
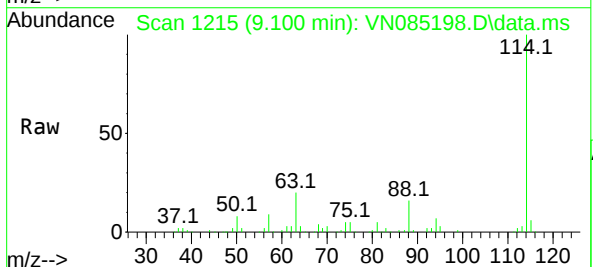
Instrument :
MSVOA_N
ClientSampleId :
MW9-20241212

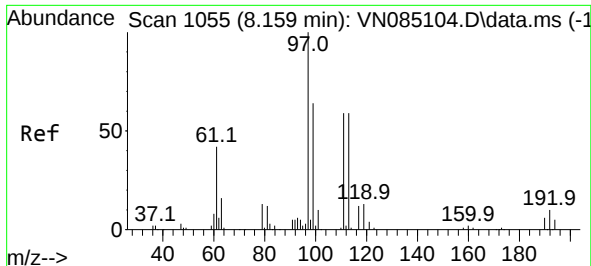
Tgt Ion: 65 Resp: 106645
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

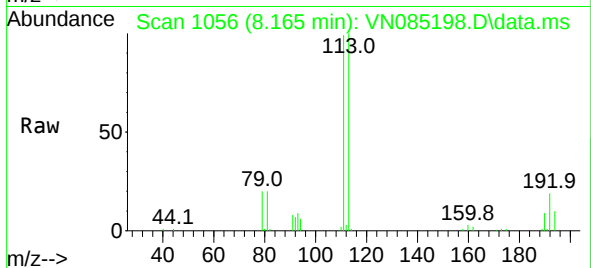
Tgt Ion: 114 Resp: 251366
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.0
88 16.5 0.0 34.8



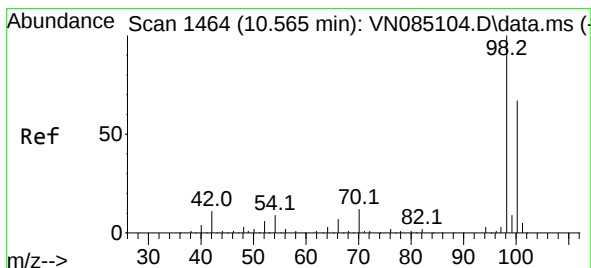
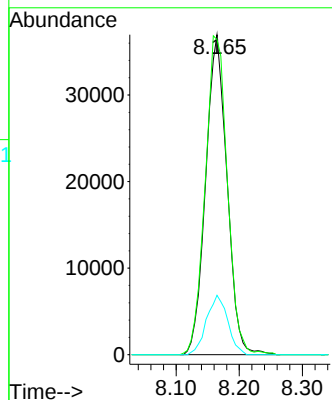
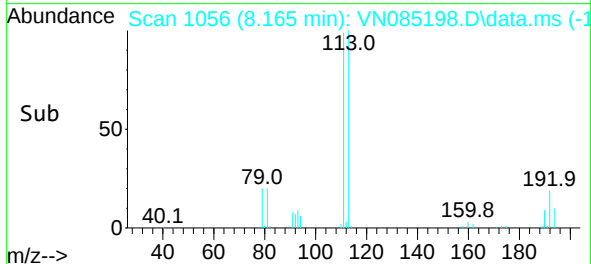


#35
Dibromofluoromethane
Concen: 51.048 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

Instrument :
MSVOA_N
ClientSampleId :
MW9-20241212

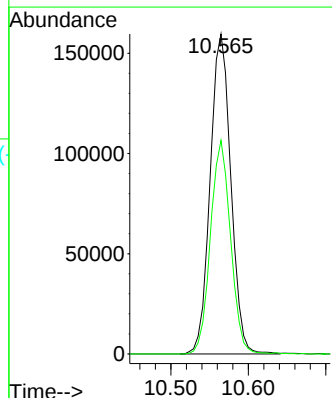
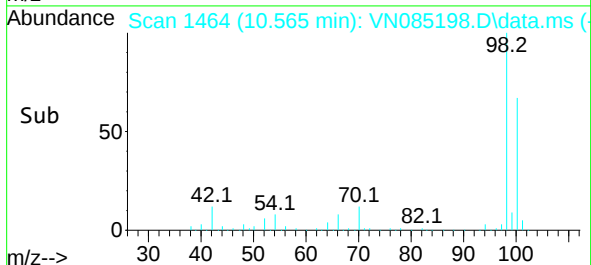
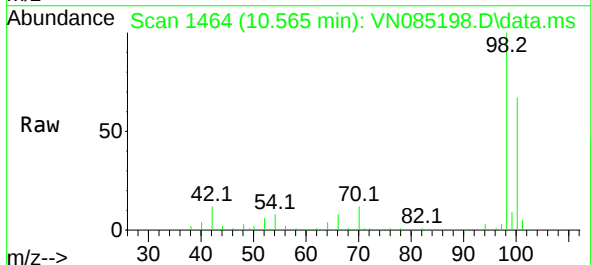


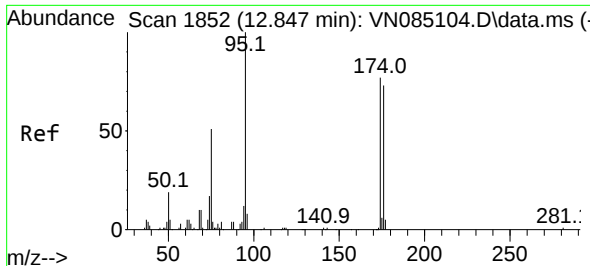
Tgt Ion:113 Resp: 86533
Ion Ratio Lower Upper
113 100
111 104.1 82.0 123.0
192 18.5 14.8 22.2



#50
Toluene-d8
Concen: 48.644 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

Tgt Ion: 98 Resp: 295508
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7

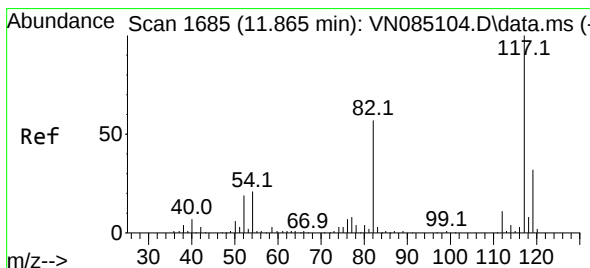
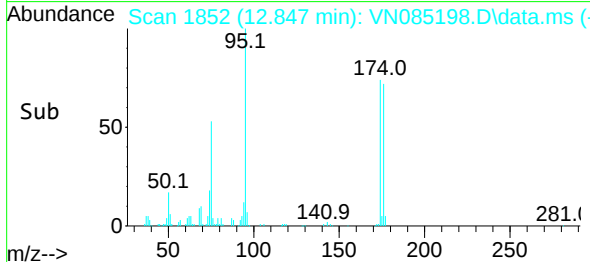
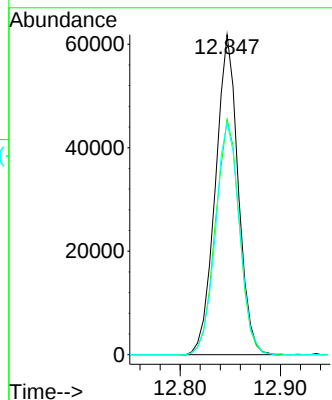
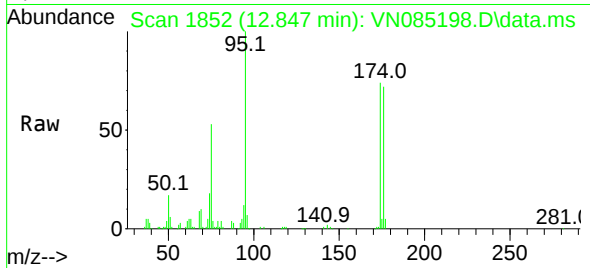




#62
4-Bromofluorobenzene
Concen: 42.909 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

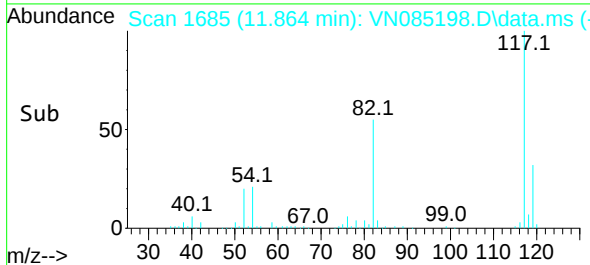
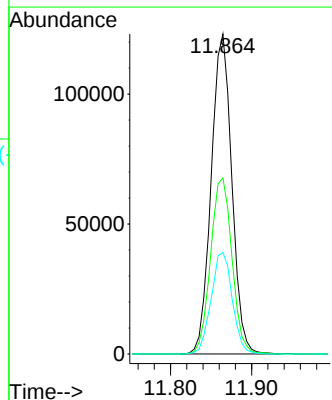
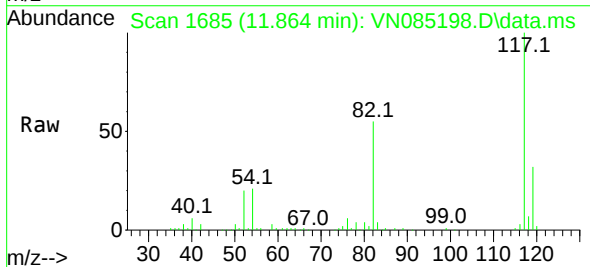
Instrument :
MSVOA_N
ClientSampleId :
MW9-20241212

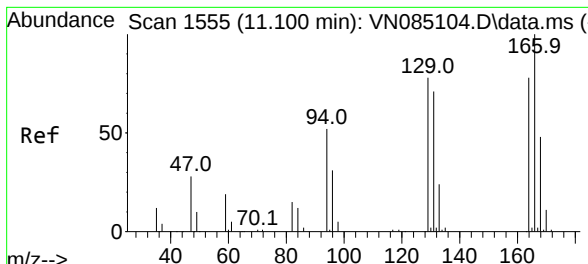
Tgt Ion: 95	Resp: 97481
Ion Ratio	Lower Upper
95	100
174	77.0 0.0 146.6
176	76.5 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

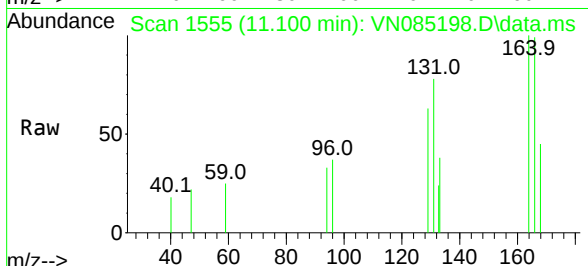
Tgt Ion: 117	Resp: 217141
Ion Ratio	Lower Upper
117	100
82	55.0 46.0 69.0
119	31.7 25.6 38.4





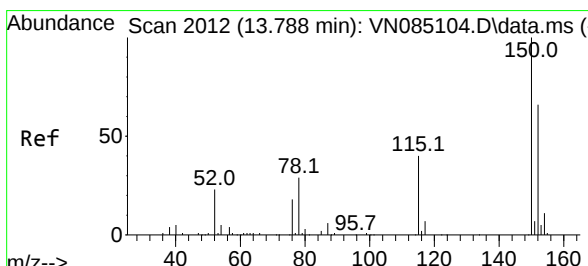
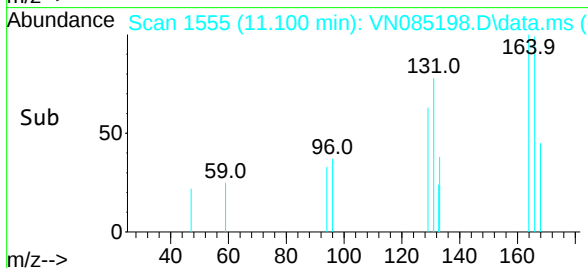
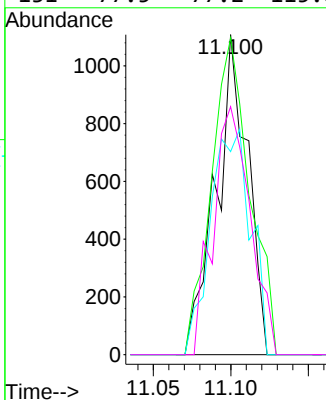
#64
Tetrachloroethene
Concen: 1.080 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

Instrument :
MSVOA_N
ClientSampleId :
MW9-20241212



Tgt Ion:164 Resp: 1580

Ion	Ratio	Lower	Upper
164	100		
166	99.0	100.6	151.0#
129	63.4	77.7	116.5#
131	77.5	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: VN085198.D
Acq: 13 Dec 2024 15:52

Tgt Ion:152 Resp: 87781

Ion	Ratio	Lower	Upper
152	100		
115	60.2	31.7	95.1
150	153.2	0.0	351.4

