

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083859.D
 Acq On : 13 Sep 2024 07:24
 Operator : JC\MD
 Sample : P3957-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D1-20240910

Quant Time: Sep 13 08:24:06 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)

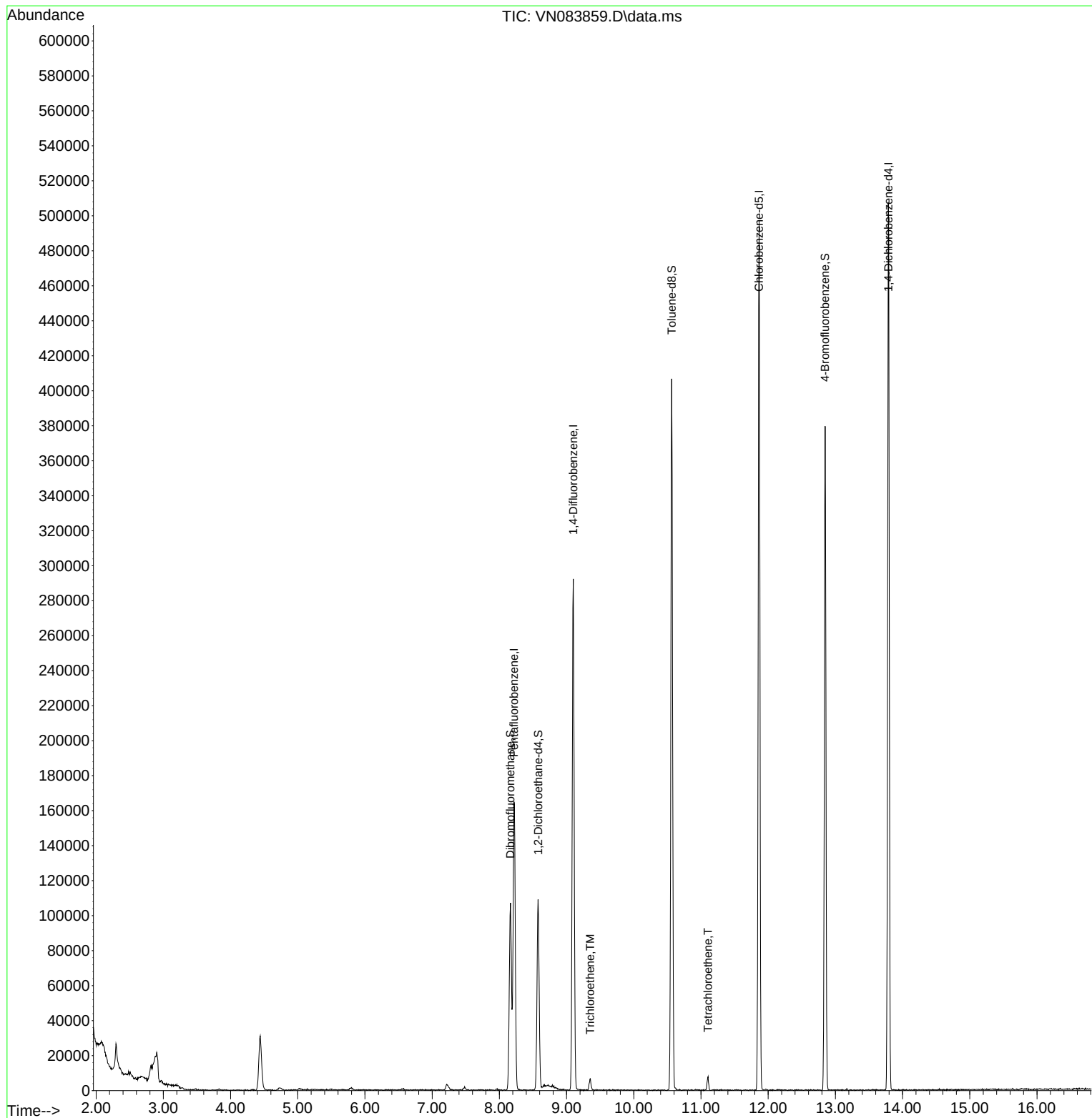
Internal Standards						
1) Pentafluorobenzene	8.218	168	113567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	91691	53.544	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.080%	
35) Dibromofluoromethane	8.165	113	74254	48.740	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.480%	
50) Toluene-d8	10.565	98	264800	50.277	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	12.847	95	127043	58.466	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 116.940%	
Target Compounds						
					Qvalue	
44) Trichloroethene	9.353	130	2249	1.407	ug/l	80
64) Tetrachloroethene	11.106	164	1869	1.058	ug/l #	71

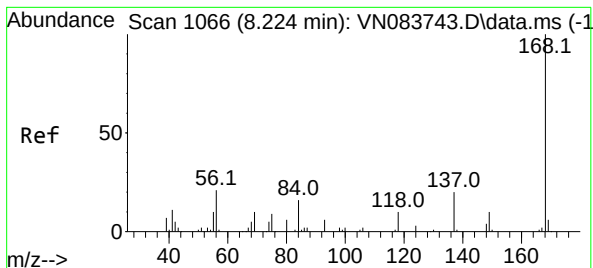
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

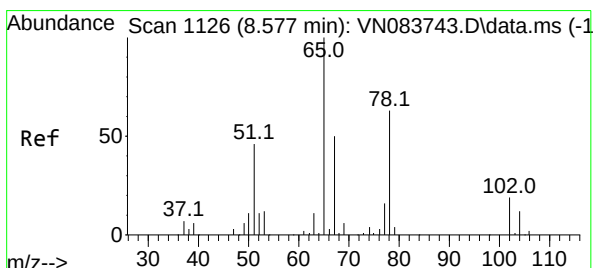
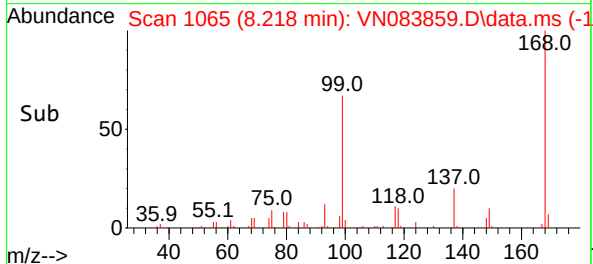
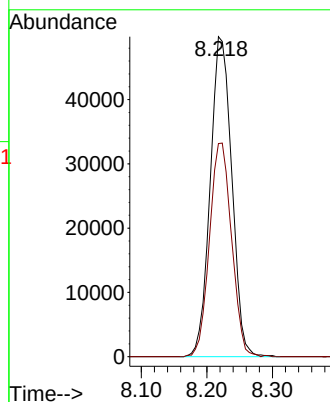
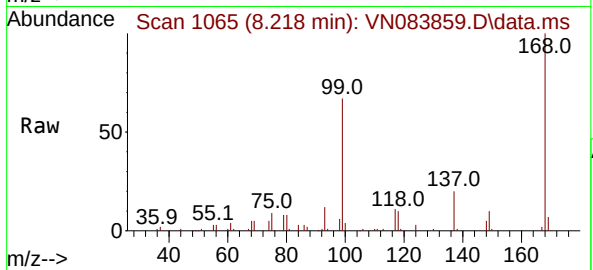




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN083859.D
Acq: 13 Sep 2024 07:24

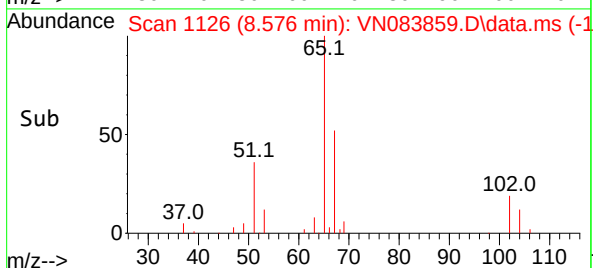
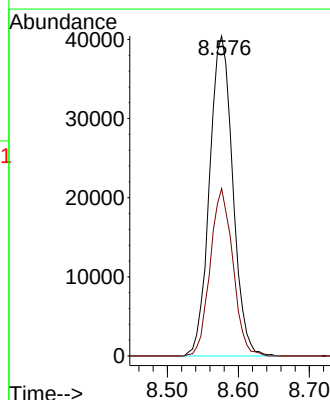
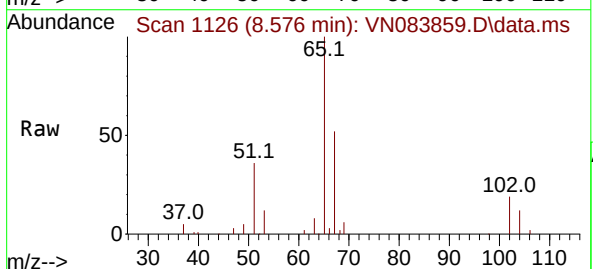
Instrument :
MSVOA_N
ClientSampleId :
MW201D1-20240910

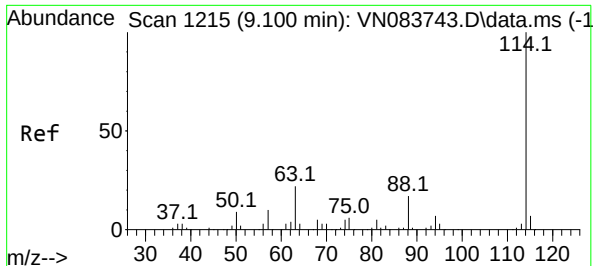
Tgt Ion:168 Resp: 113567
Ion Ratio Lower Upper
168 100
99 66.6 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 53.544 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083859.D
Acq: 13 Sep 2024 07:24

Tgt Ion: 65 Resp: 91691
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083859.D

Acq: 13 Sep 2024 07:24

Instrument :

MSVOA_N

ClientSampleId :

MW201D1-20240910

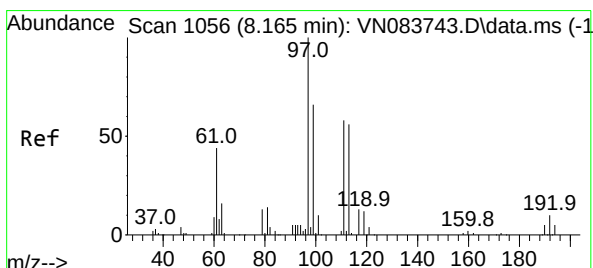
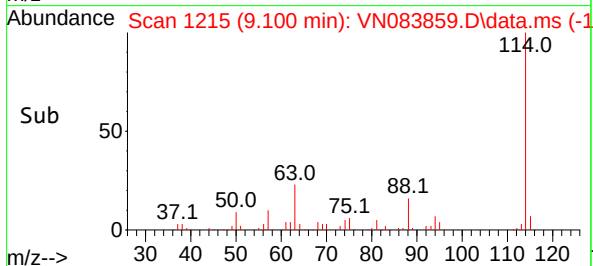
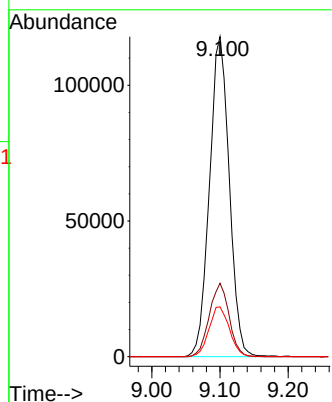
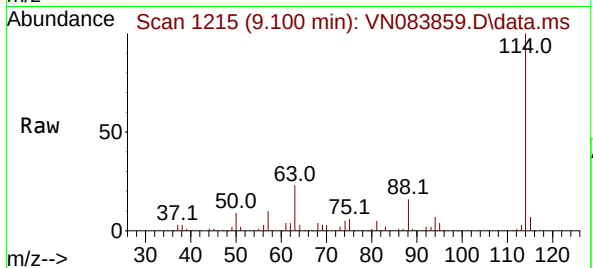
Tgt Ion:114 Resp: 237975

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.740 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083859.D

Acq: 13 Sep 2024 07:24

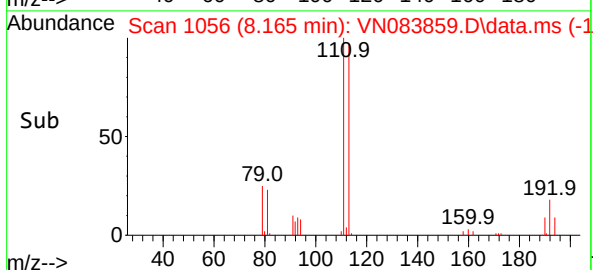
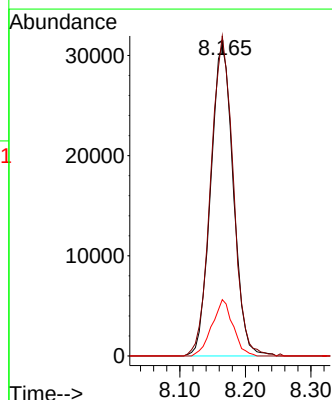
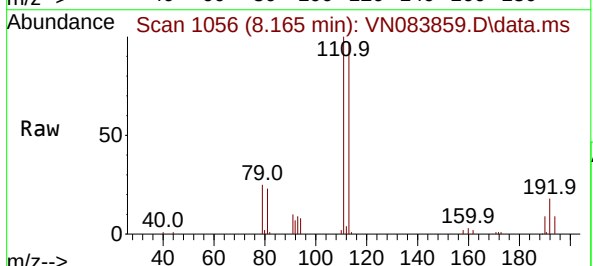
Tgt Ion:113 Resp: 74254

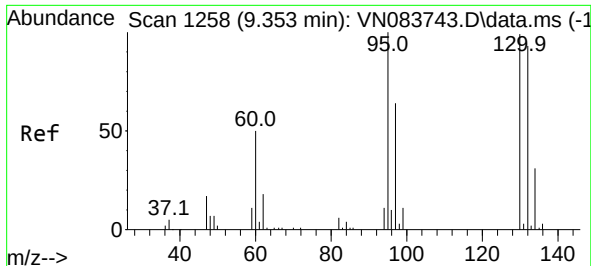
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 16.9 14.3 21.5

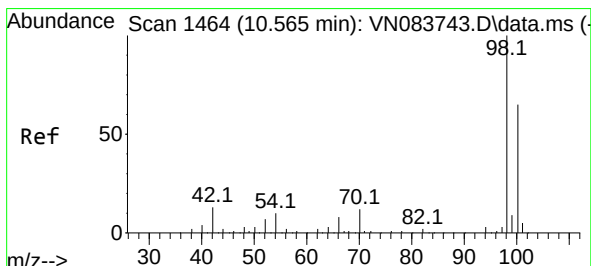
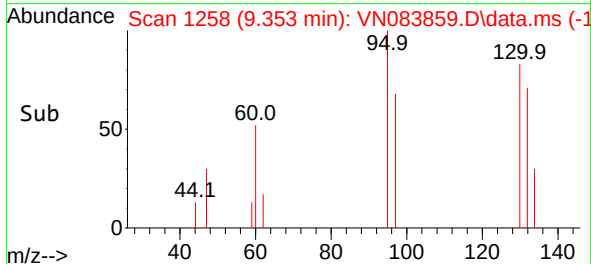
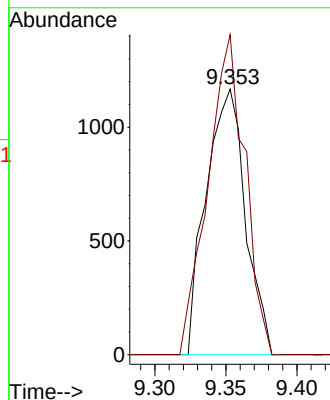
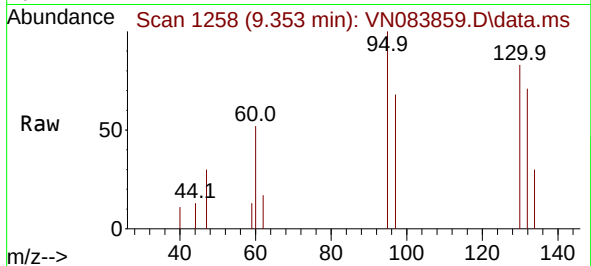




#44
Trichloroethene
Concen: 1.407 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083859.D
Acq: 13 Sep 2024 07:24

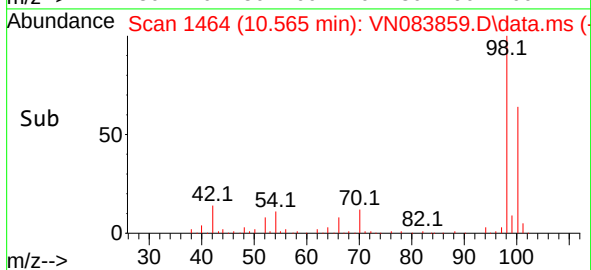
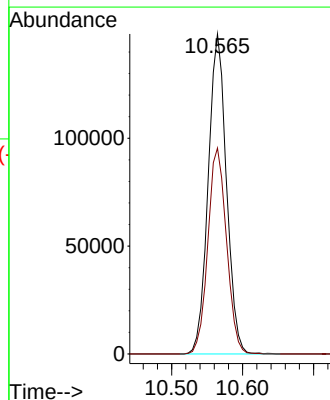
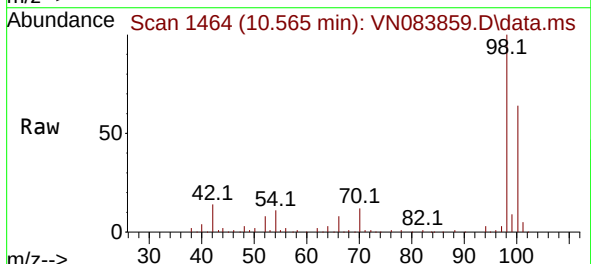
Instrument :
MSVOA_N
ClientSampleId :
MW201D1-20240910

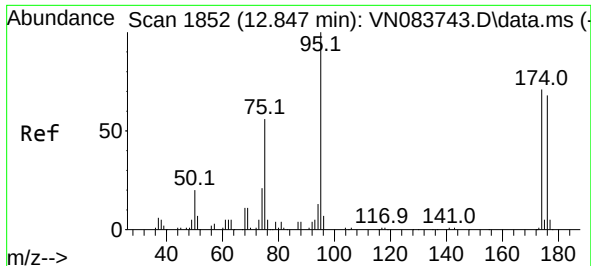
Tgt Ion:130 Resp: 2249
Ion Ratio Lower Upper
130 100
95 120.5 0.0 200.4



#50
Toluene-d8
Concen: 50.277 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083859.D
Acq: 13 Sep 2024 07:24

Tgt Ion: 98 Resp: 264800
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

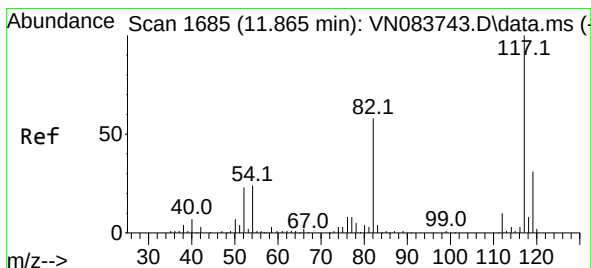
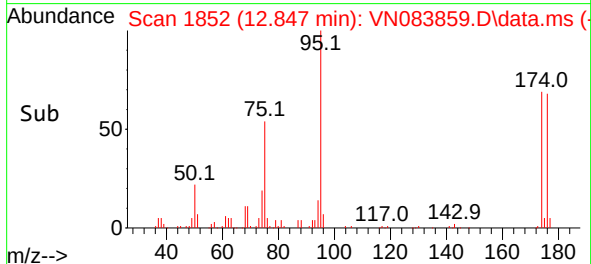
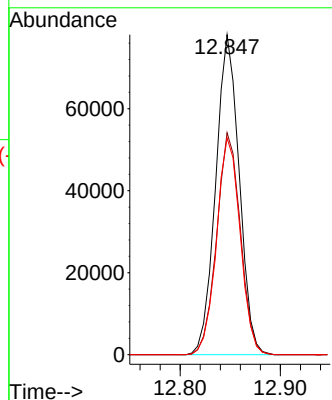
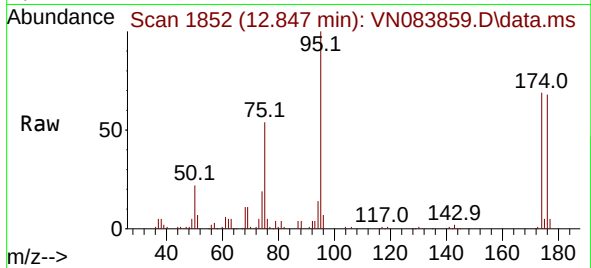




#62
4-Bromofluorobenzene
Concen: 58.466 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083859.D
Acq: 13 Sep 2024 07:24

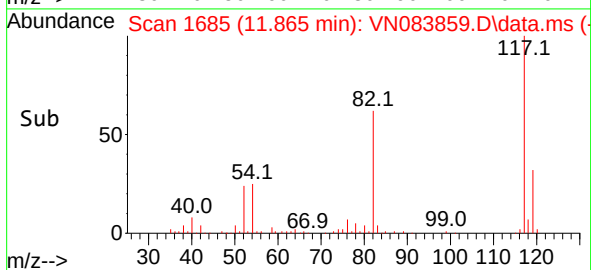
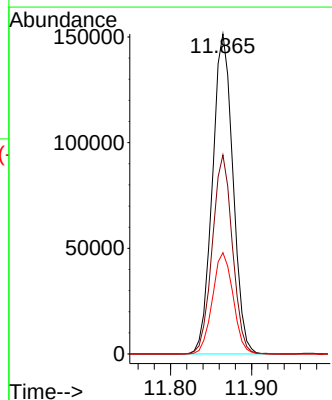
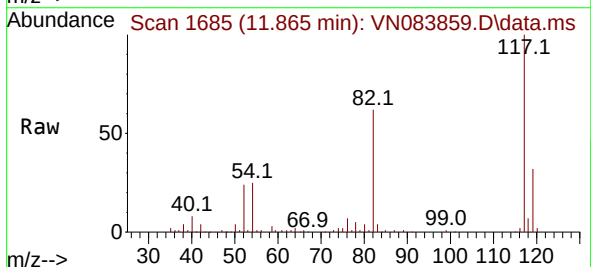
Instrument :
MSVOA_N
ClientSampleId :
MW201D1-20240910

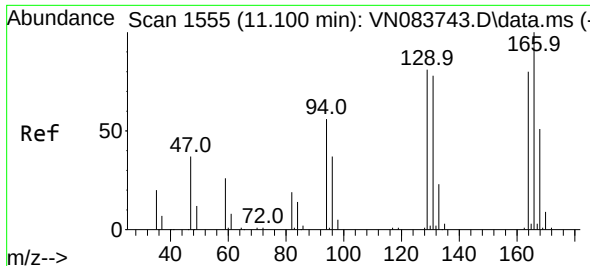
Tgt Ion: 95 Resp: 127043
Ion Ratio Lower Upper
95 100
174 69.9 0.0 139.8
176 68.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083859.D
Acq: 13 Sep 2024 07:24

Tgt Ion: 117 Resp: 265704
Ion Ratio Lower Upper
117 100
82 62.2 47.4 71.0
119 31.6 26.3 39.5

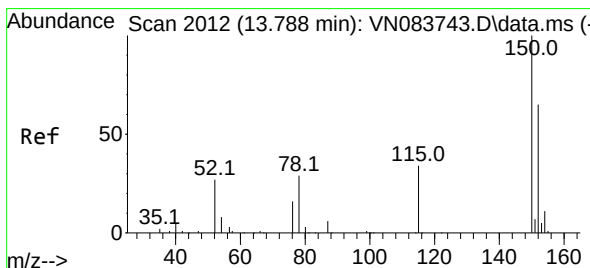
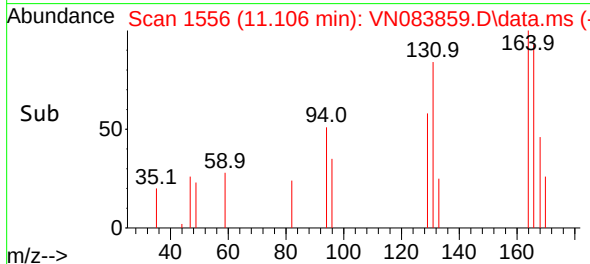
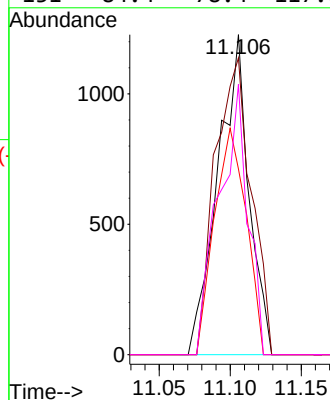
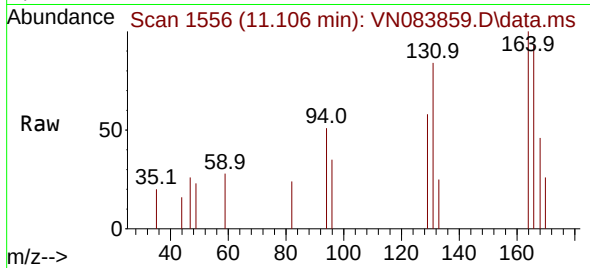




#64
Tetrachloroethene
Concen: 1.058 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083859.D
Acq: 13 Sep 2024 07:24

Instrument :
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Tgt Ion:164	Resp:	1869
Ion	Ratio	Lower Upper
164	100	
166	92.7	103.7 155.5#
129	58.0	79.9 119.9#
131	84.4	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: VN083859.D
Acq: 13 Sep 2024 07:24

Tgt Ion:152	Resp:	128059
Ion	Ratio	Lower Upper
152	100	
115	62.5	32.2 96.6
150	158.3	0.0 348.6

