

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081764.D
 Acq On : 16 Apr 2024 17:15
 Operator : JC\MD
 Sample : P2073-03DL 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RMW-01B-23-041024DL

Quant Time: Apr 17 03:28:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

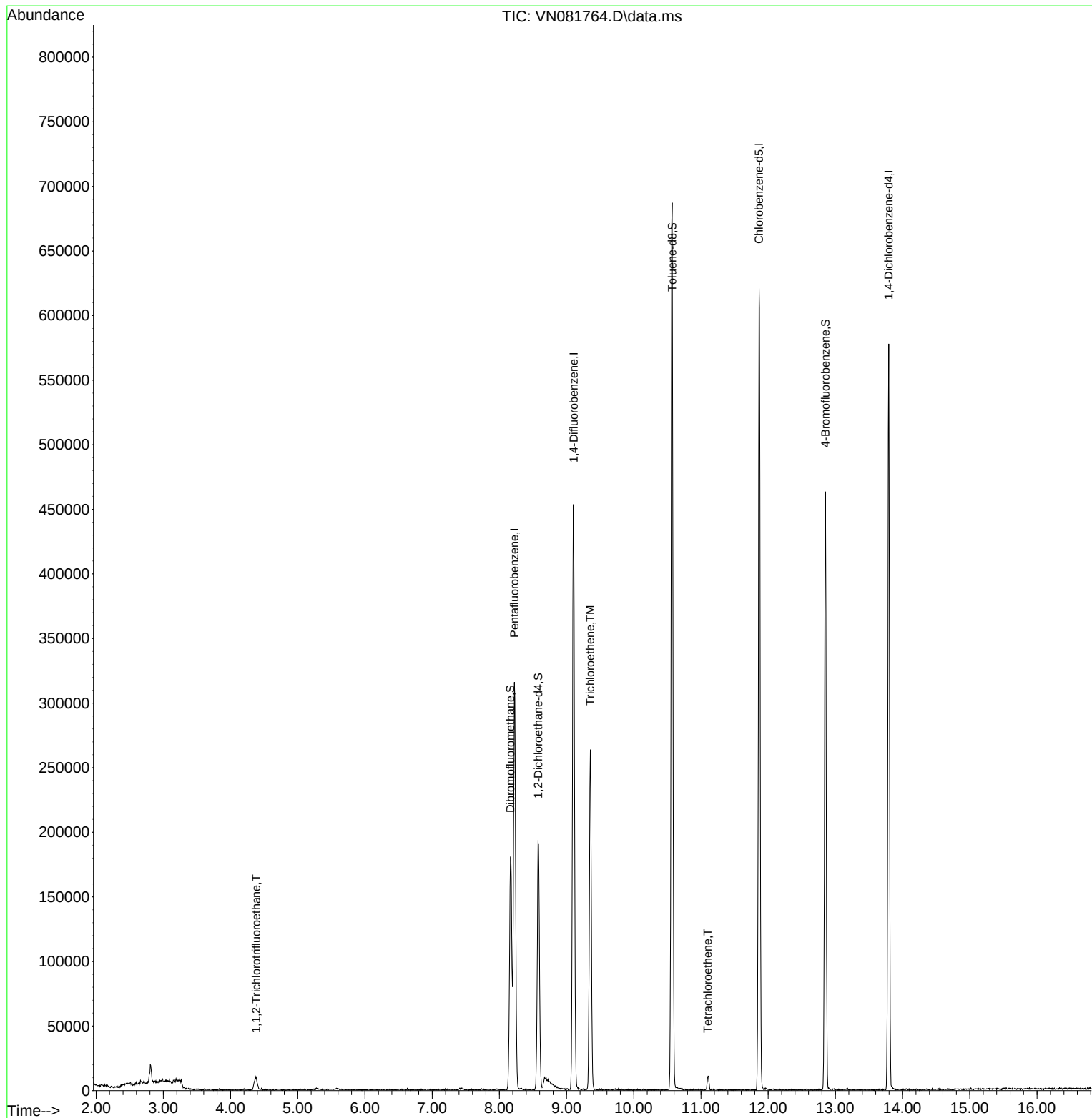
Internal Standards						
1) Pentafluorobenzene	8.224	168	219696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	395303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	360519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160804	52.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.040%	
35) Dibromofluoromethane	8.165	113	127793	48.956	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.920%	
50) Toluene-d8	10.571	98	481951	50.117	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.240%	
62) 4-Bromofluorobenzene	12.853	95	157888	48.046	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 96.100%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.383	101	7250	2.632	ug/l #	88
44) Trichloroethene	9.353	130	91272	30.980	ug/l	99
64) Tetrachloroethene	11.100	164	2432	0.795	ug/l	91

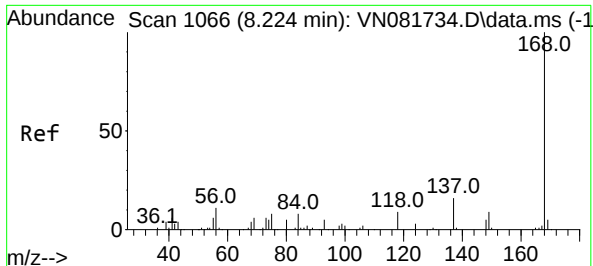
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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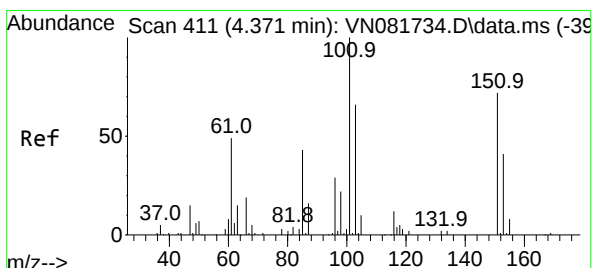
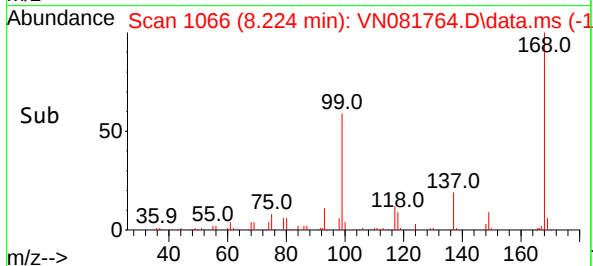
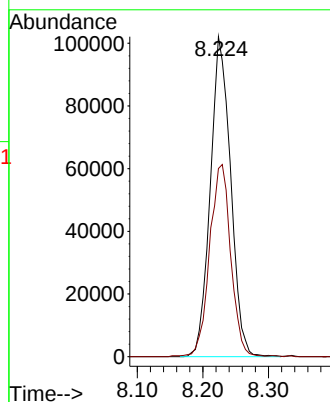
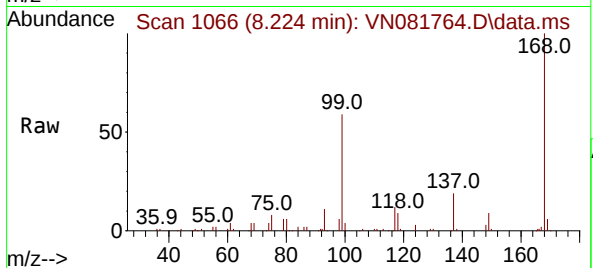




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

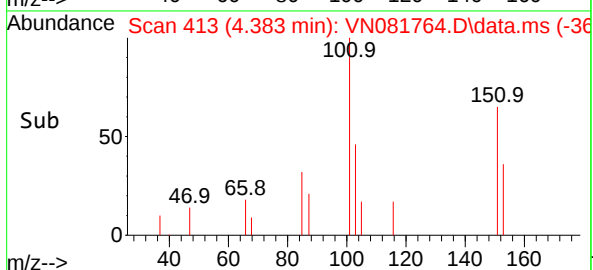
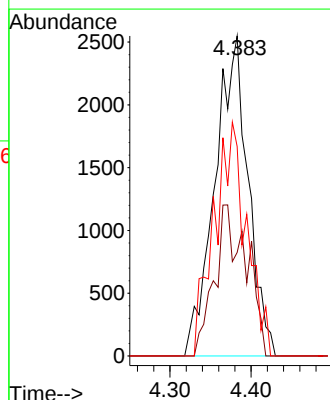
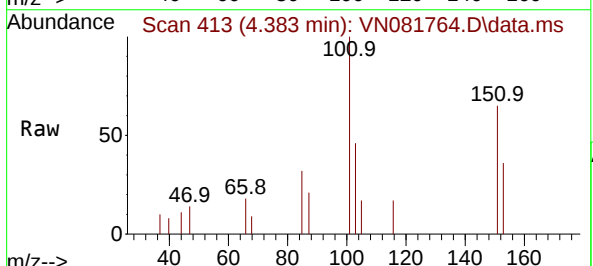
Instrument :
MSVOA_N
ClientSampleId :
RMW-01B-23-041024DL

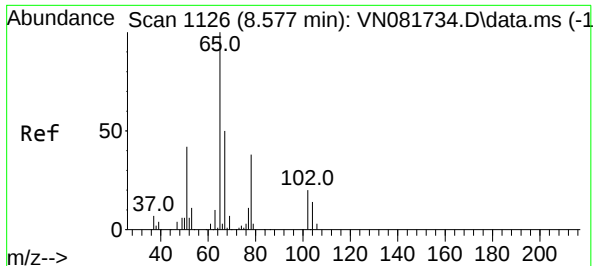
Tgt Ion:168 Resp: 219696
Ion Ratio Lower Upper
168 100
99 58.6 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.632 ug/l
RT: 4.383 min Scan# 413
Delta R.T. 0.012 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

Tgt Ion:101 Resp: 7250
Ion Ratio Lower Upper
101 100
85 29.6 37.3 55.9#
151 71.5 59.2 88.8





#33

1,2-Dichloroethane-d4

Concen: 52.015 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081764.D

Acq: 16 Apr 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

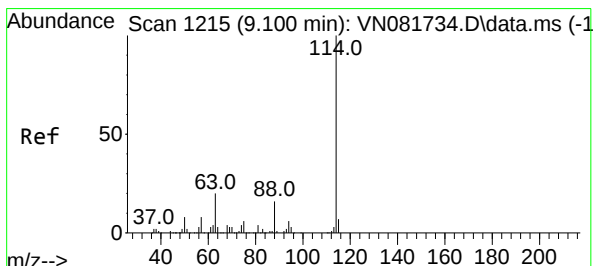
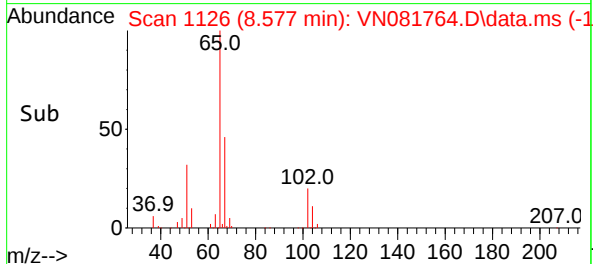
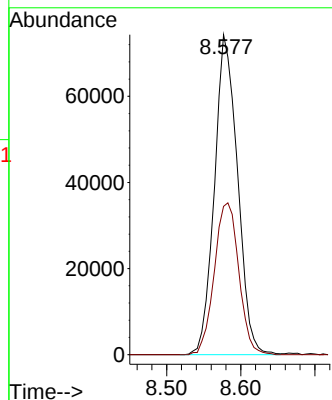
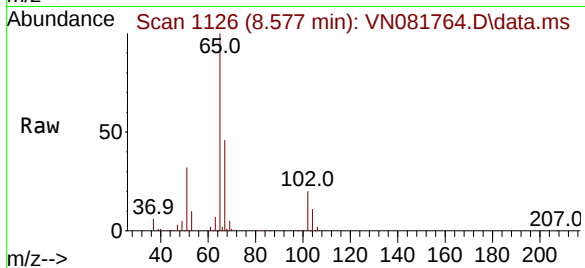
RMW-01B-23-041024DL

Tgt Ion: 65 Resp: 160804

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081764.D

Acq: 16 Apr 2024 17:15

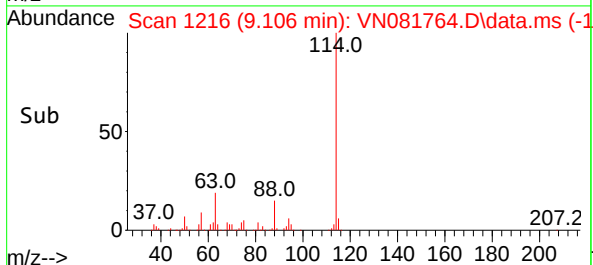
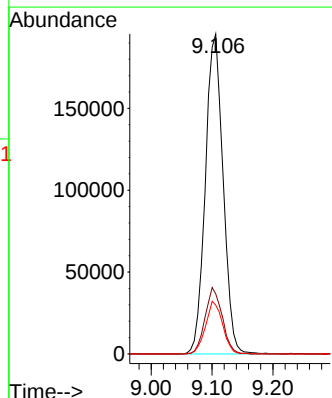
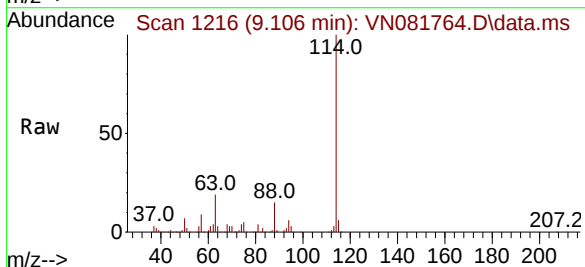
Tgt Ion: 114 Resp: 395303

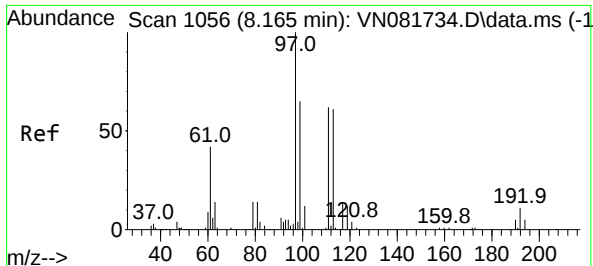
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.0

88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.956 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081764.D

Acq: 16 Apr 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

RMW-01B-23-041024DL

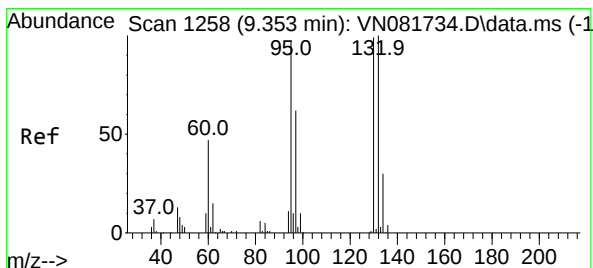
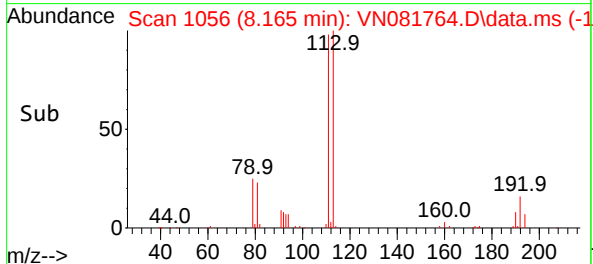
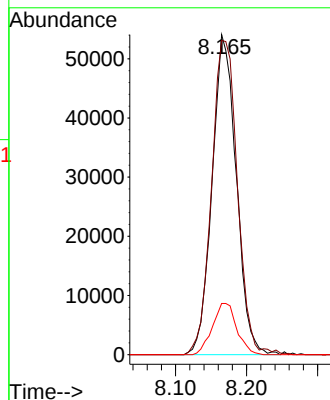
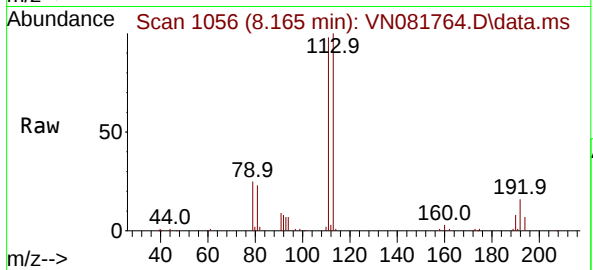
Tgt Ion:113 Resp: 127793

Ion Ratio Lower Upper

113 100

111 104.8 83.4 125.2

192 16.1 14.0 21.0



#44

Trichloroethene

Concen: 30.980 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN081764.D

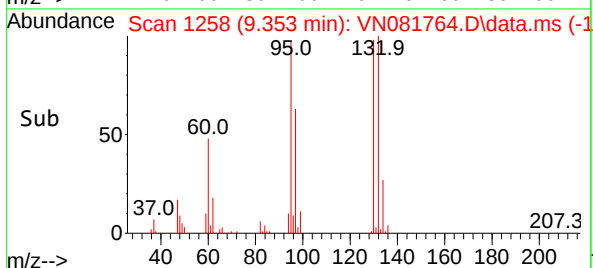
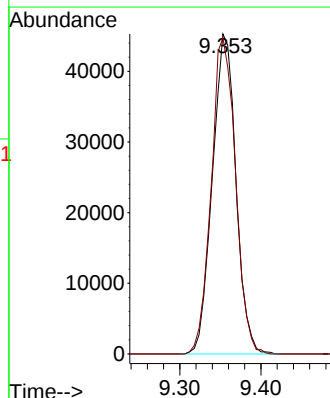
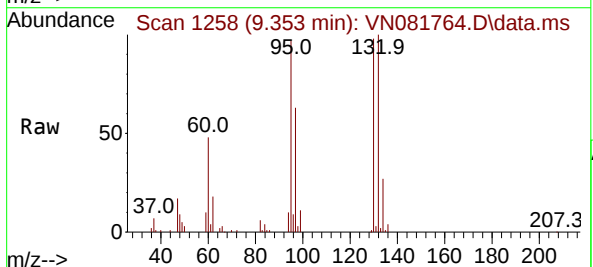
Acq: 16 Apr 2024 17:15

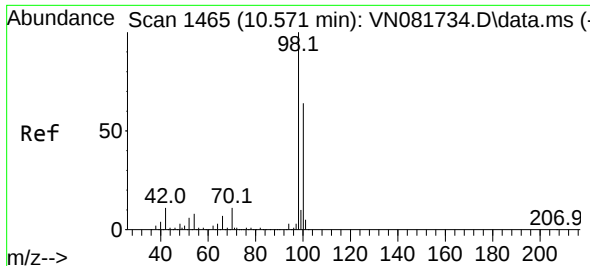
Tgt Ion:130 Resp: 91272

Ion Ratio Lower Upper

130 100

95 98.8 0.0 195.4

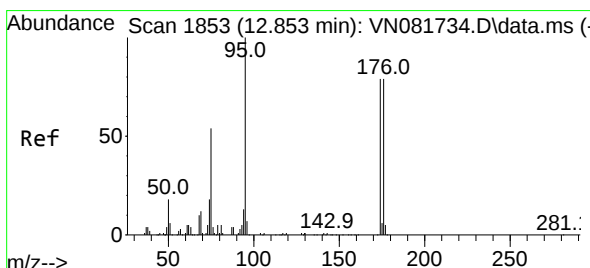
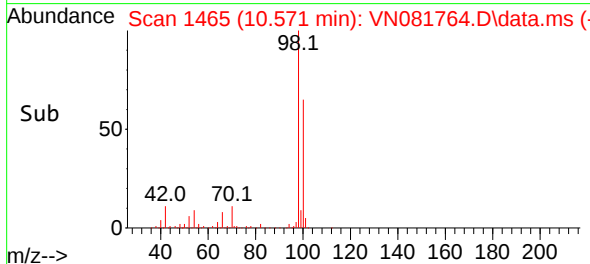
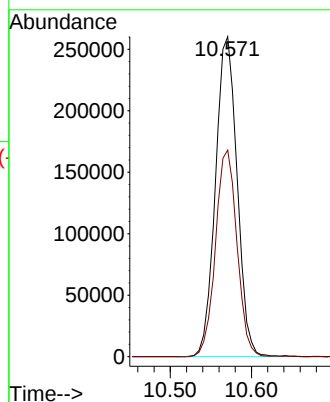
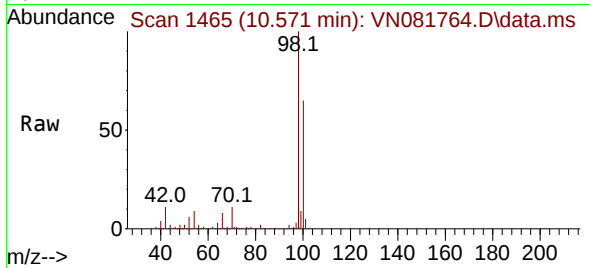




#50
Toluene-d8
Concen: 50.117 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

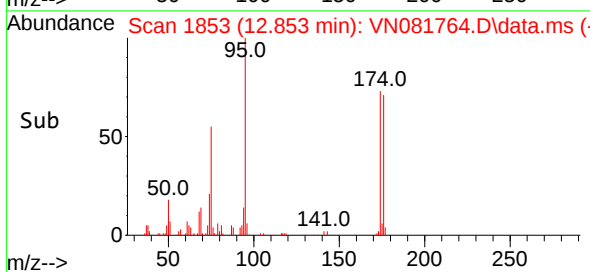
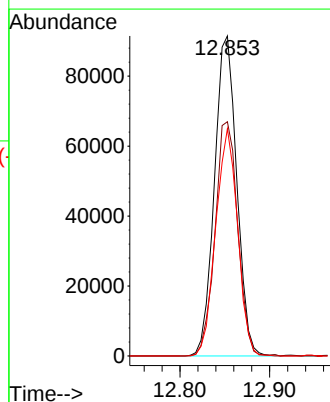
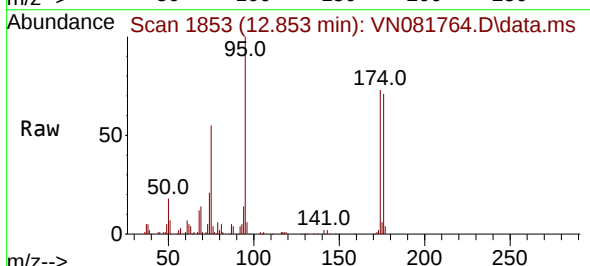
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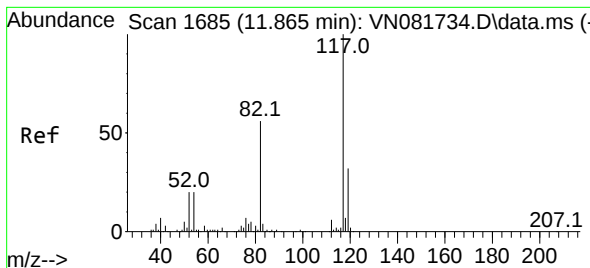
Tgt Ion: 98 Resp: 481951
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.046 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081764.D
Acq: 16 Apr 2024 17:15

Tgt Ion: 95 Resp: 157888
Ion Ratio Lower Upper
95 100
174 74.3 0.0 160.6
176 69.7 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081764.D

Acq: 16 Apr 2024 17:15

Instrument :

MSVOA_N

ClientSampleId :

RMW-01B-23-041024DL

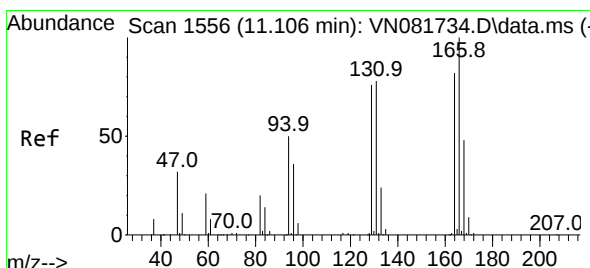
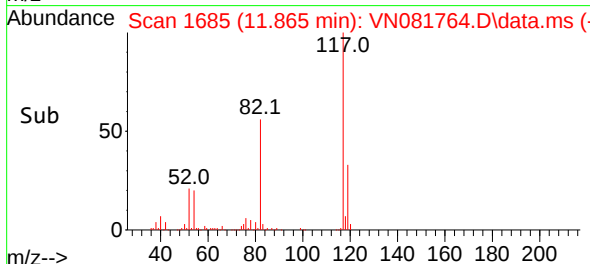
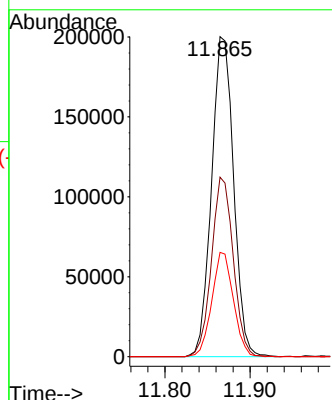
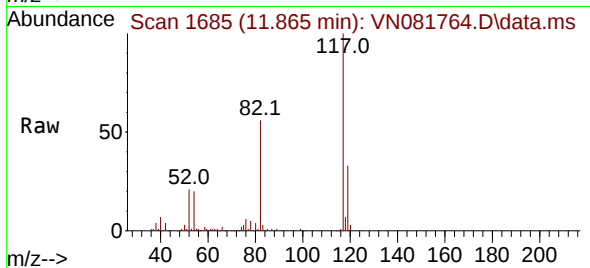
Tgt Ion:117 Resp: 360519

Ion Ratio Lower Upper

117 100

82 56.1 44.6 66.8

119 32.6 25.9 38.9



#64

Tetrachloroethene

Concen: 0.795 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.006 min

Lab File: VN081764.D

Acq: 16 Apr 2024 17:15

Tgt Ion:164 Resp: 2432

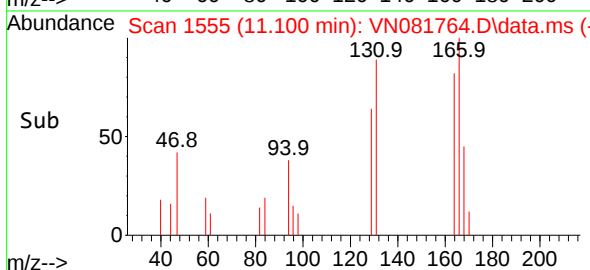
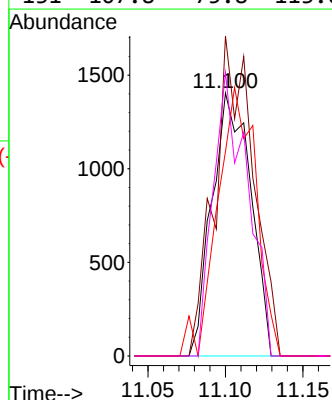
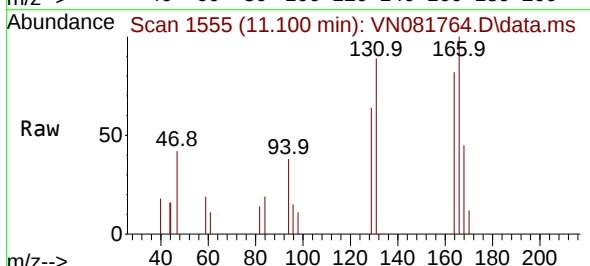
Ion Ratio Lower Upper

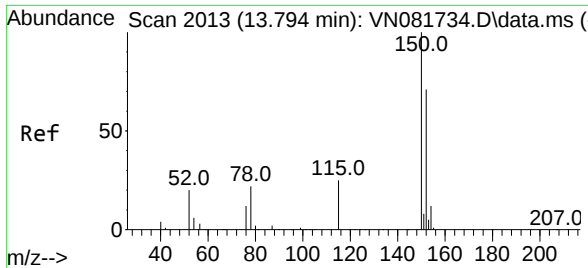
164 100

166 121.7 97.6 146.4

129 77.8 73.7 110.5

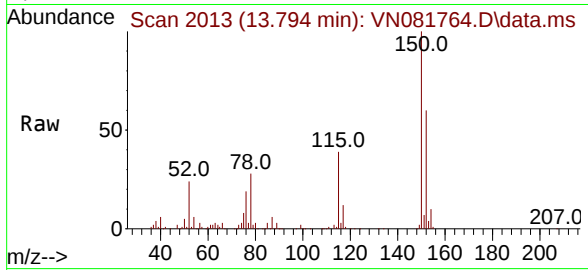
131 107.8 75.8 113.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081764.D
 Acq: 16 Apr 2024 17:15

Instrument :
 MSVOA_N
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Tgt Ion:	152	Resp:	143129
Ion	Ratio	Lower	Upper
152	100		
115	62.9	30.4	91.3
150	161.9	0.0	353.2

