

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081221.D
 Acq On : 27 Feb 2024 15:59
 Operator : JC\MD
 Sample : P1590-03 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D2-20240222

Quant Time: Feb 28 04:19:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

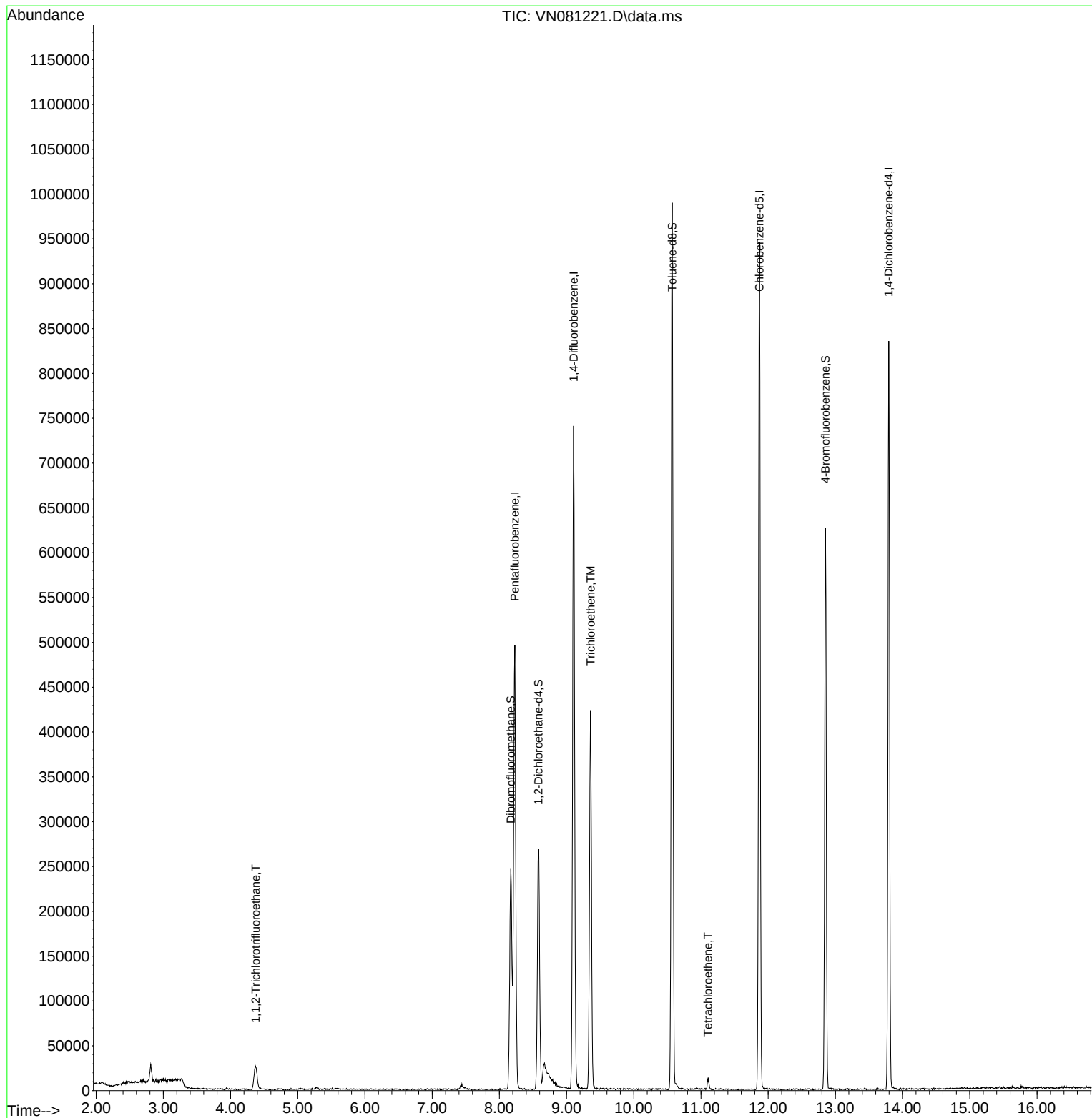
Internal Standards						
1) Pentafluorobenzene	8.230	168	330970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	621709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	538985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	217217	53.544	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.080%	
35) Dibromofluoromethane	8.171	113	172126	48.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.920%	
50) Toluene-d8	10.571	98	659646	52.829	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.660%	
62) 4-Bromofluorobenzene	12.853	95	212712	45.337	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.680%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.377	101	18640	4.814	ug/l	95
44) Trichloroethene	9.359	130	147588	31.785	ug/l	99
64) Tetrachloroethene	11.106	164	2424	0.659	ug/l #	73

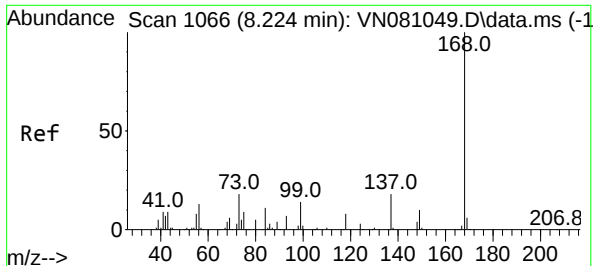
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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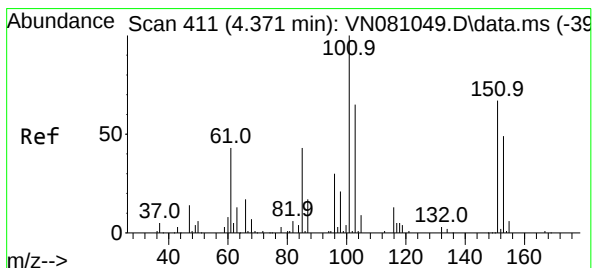
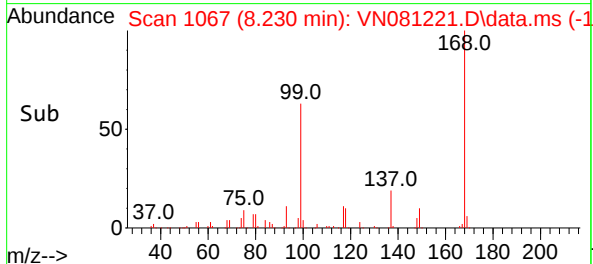
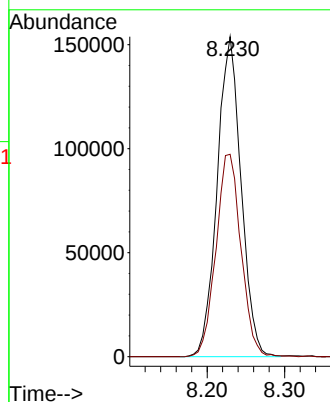
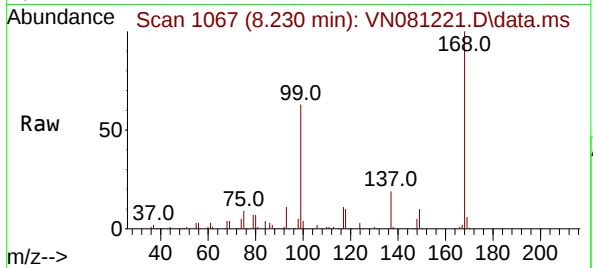




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081221.D
Acq: 27 Feb 2024 15:59

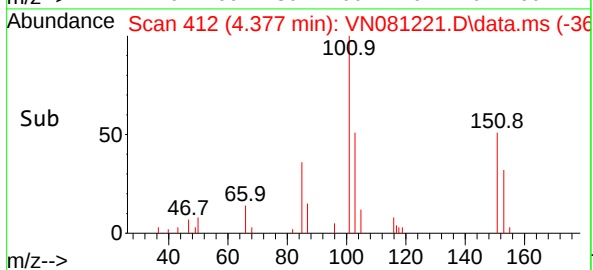
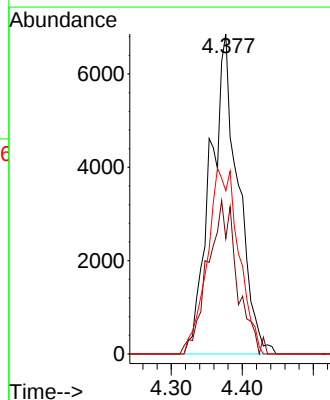
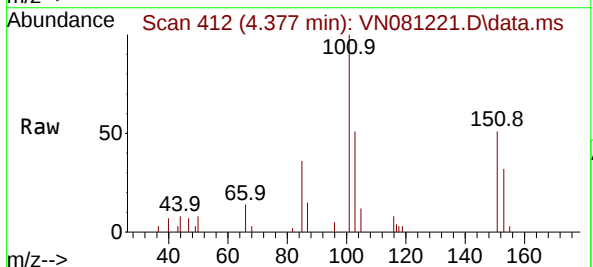
Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20240222

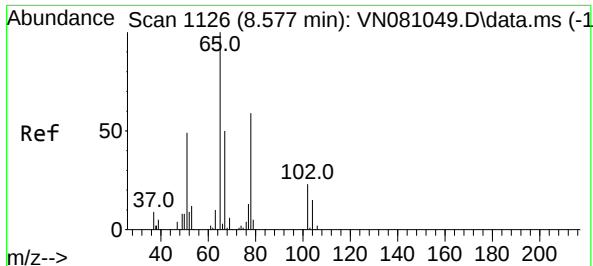
Tgt Ion:168 Resp: 330970
Ion Ratio Lower Upper
168 100
99 63.2 59.9 89.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.814 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN081221.D
Acq: 27 Feb 2024 15:59

Tgt Ion:101 Resp: 18640
Ion Ratio Lower Upper
101 100
85 50.7 38.1 57.1
151 65.5 49.1 73.7





#33

1,2-Dichloroethane-d4

Concen: 53.544 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081221.D

Acq: 27 Feb 2024 15:59

Instrument :

MSVOA_N

ClientSampleId :

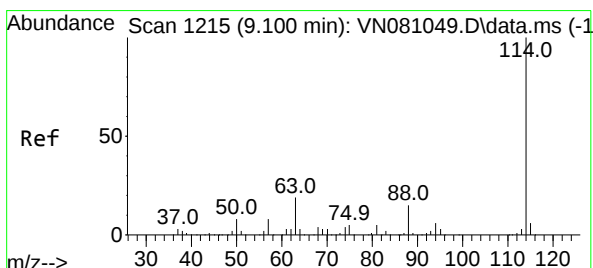
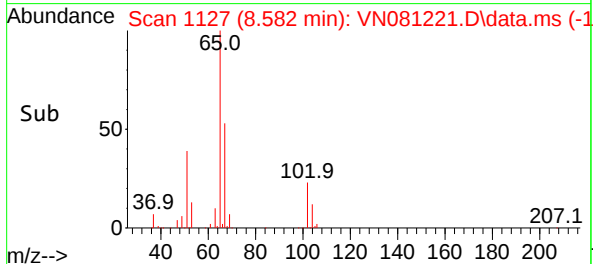
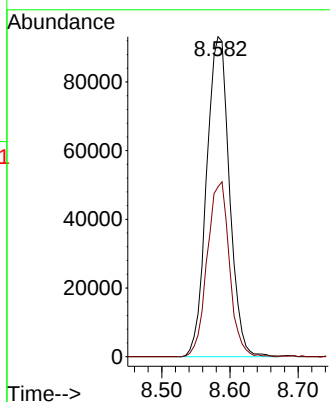
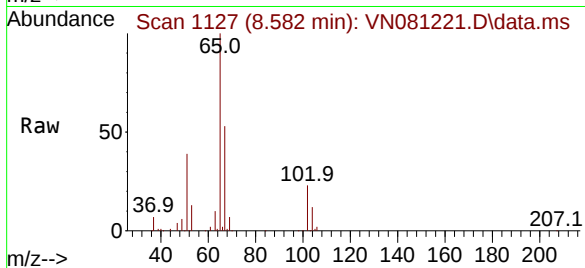
RE120D2-20240222

Tgt Ion: 65 Resp: 217217

Ion Ratio Lower Upper

65 100

67 53.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081221.D

Acq: 27 Feb 2024 15:59

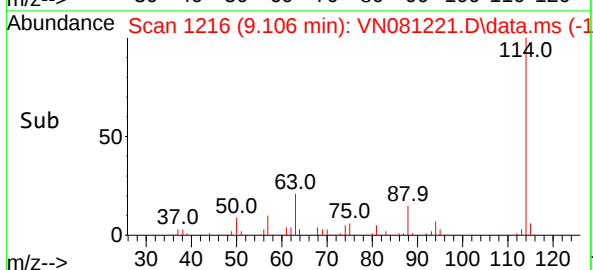
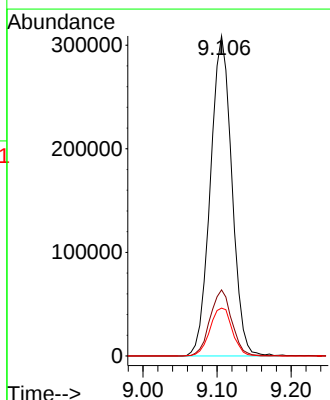
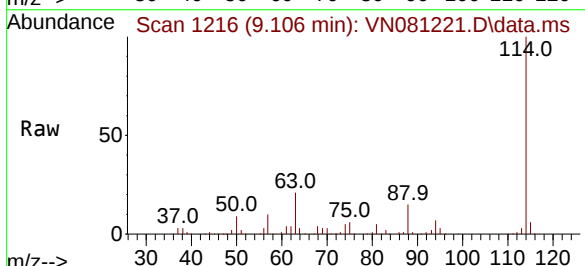
Tgt Ion: 114 Resp: 621709

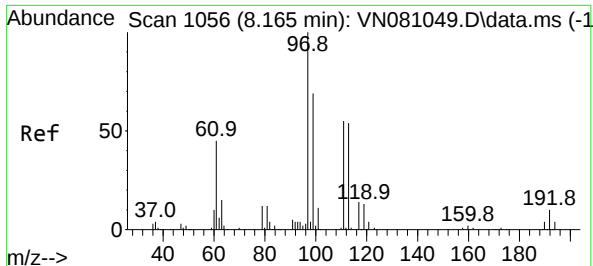
Ion Ratio Lower Upper

114 100

63 20.6 0.0 48.0

88 14.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.961 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081221.D

Acq: 27 Feb 2024 15:59

Instrument :

MSVOA_N

ClientSampleId :

RE120D2-20240222

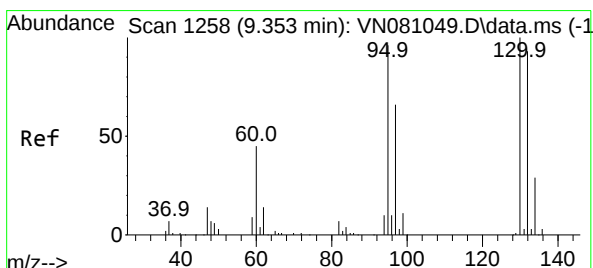
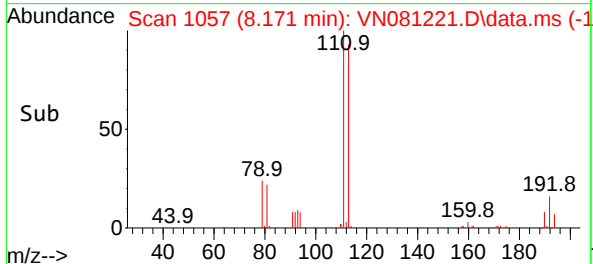
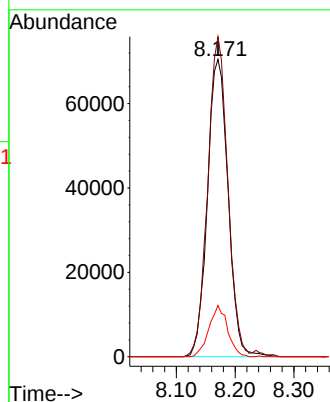
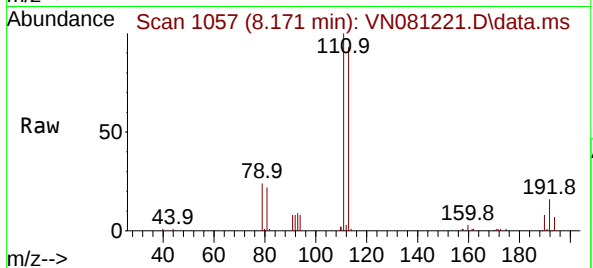
Tgt Ion:113 Resp: 172126

Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 15.5 12.5 18.7



#44

Trichloroethene

Concen: 31.785 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN081221.D

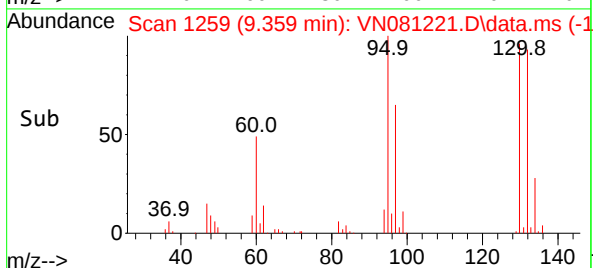
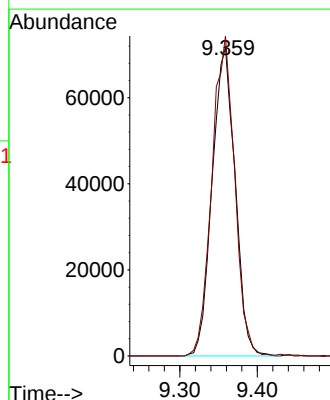
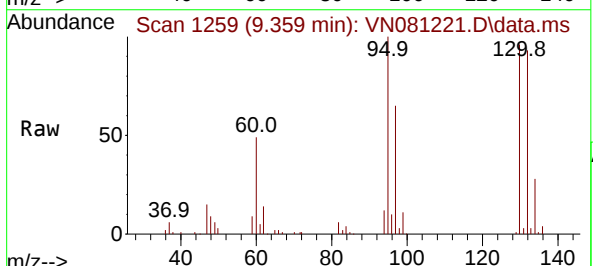
Acq: 27 Feb 2024 15:59

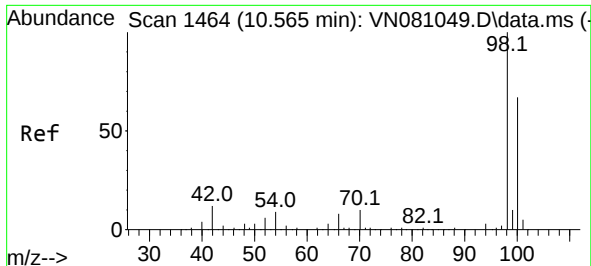
Tgt Ion:130 Resp: 147588

Ion Ratio Lower Upper

130 100

95 103.7 0.0 210.4

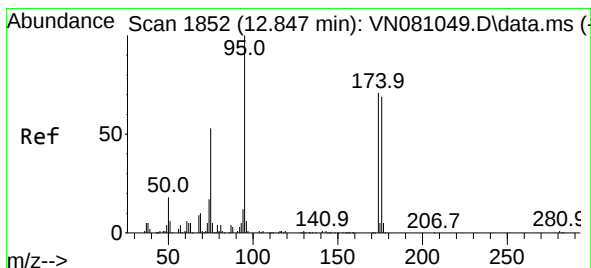
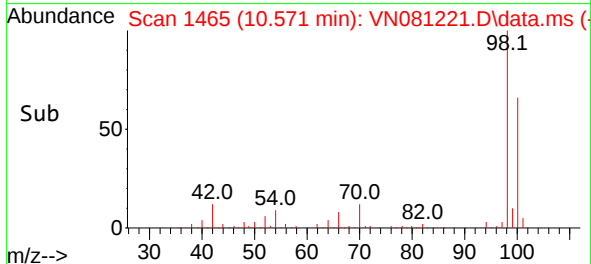
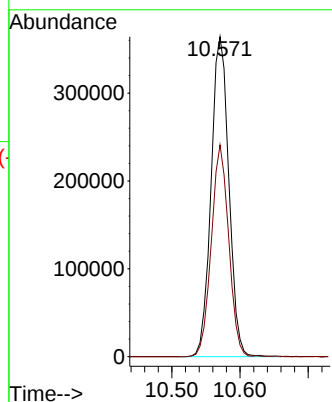
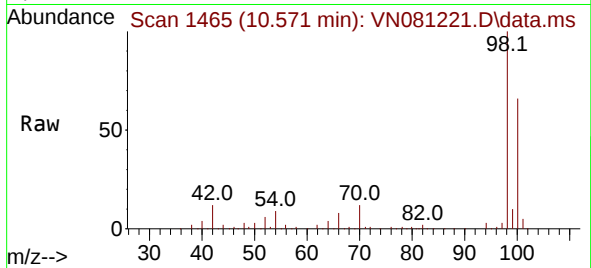




#50
Toluene-d8
Concen: 52.829 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081221.D
Acq: 27 Feb 2024 15:59

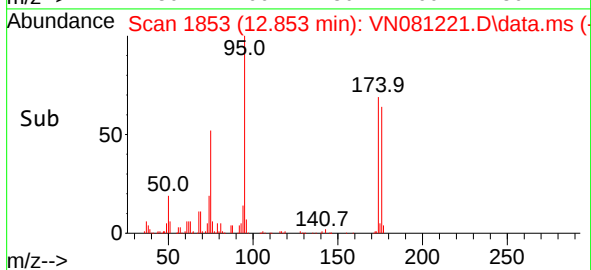
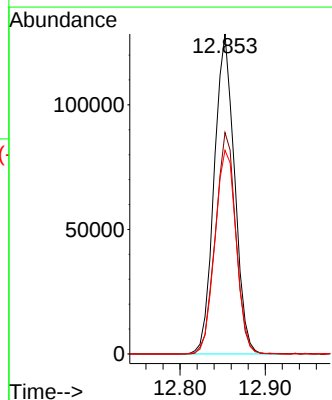
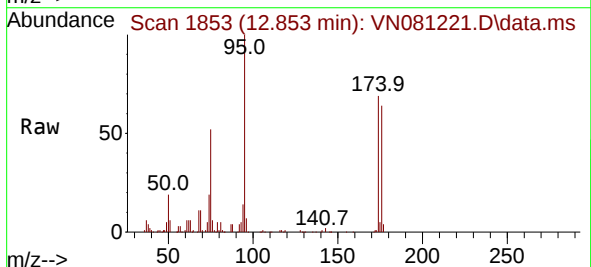
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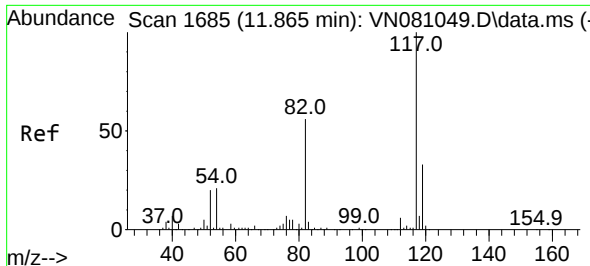
Tgt Ion: 98 Resp: 659646
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.337 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081221.D
Acq: 27 Feb 2024 15:59

Tgt Ion: 95 Resp: 212712
Ion Ratio Lower Upper
95 100
174 69.5 0.0 120.4
176 66.8 0.0 121.0

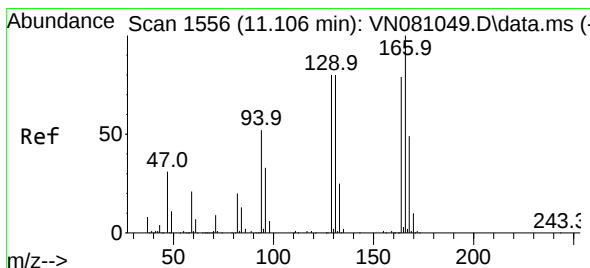
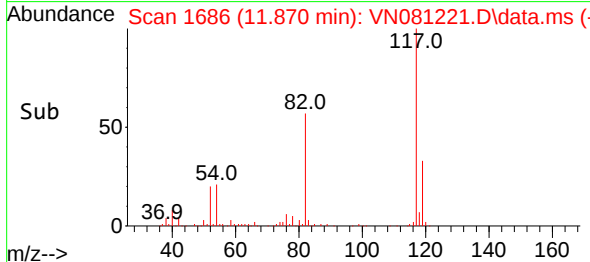
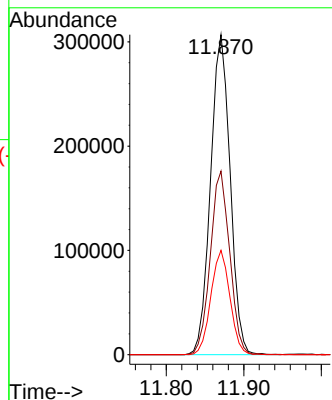
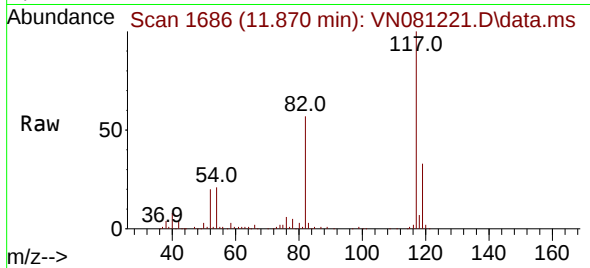




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN081221.D
Acq: 27 Feb 2024 15:59

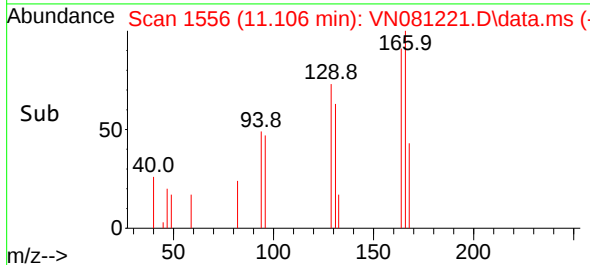
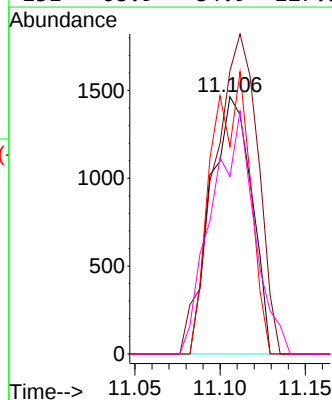
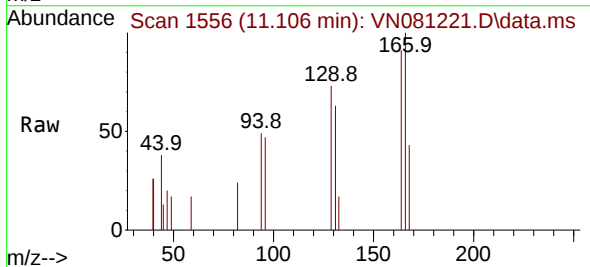
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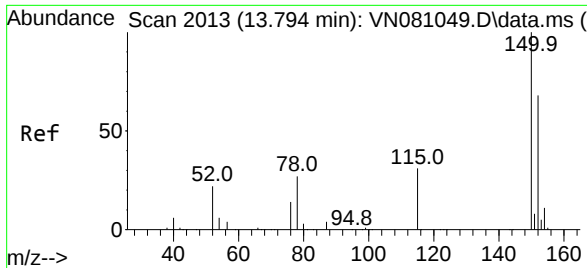
Tgt Ion:117 Resp: 538985
Ion Ratio Lower Upper
117 100
82 57.4 52.7 79.1
119 32.6 25.3 37.9



#64
Tetrachloroethene
Concen: 0.659 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081221.D
Acq: 27 Feb 2024 15:59

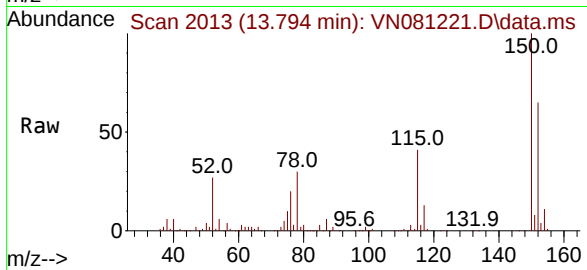
Tgt Ion:164 Resp: 2424
Ion Ratio Lower Upper
164 100
166 110.0 105.8 158.6
129 80.6 89.6 134.4#
131 68.9 84.9 127.3#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081221.D
 Acq: 27 Feb 2024 15:59

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D2-20240222



Tgt Ion:152 Resp: 205511
 Ion Ratio Lower Upper
 152 100
 115 65.5 32.3 96.8
 150 160.5 0.0 339.8

