

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081423.D
 Acq On : 14 Mar 2024 20:29
 Operator : JC\MD
 Sample : P1769-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-031424

Quant Time: Mar 15 01:19:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

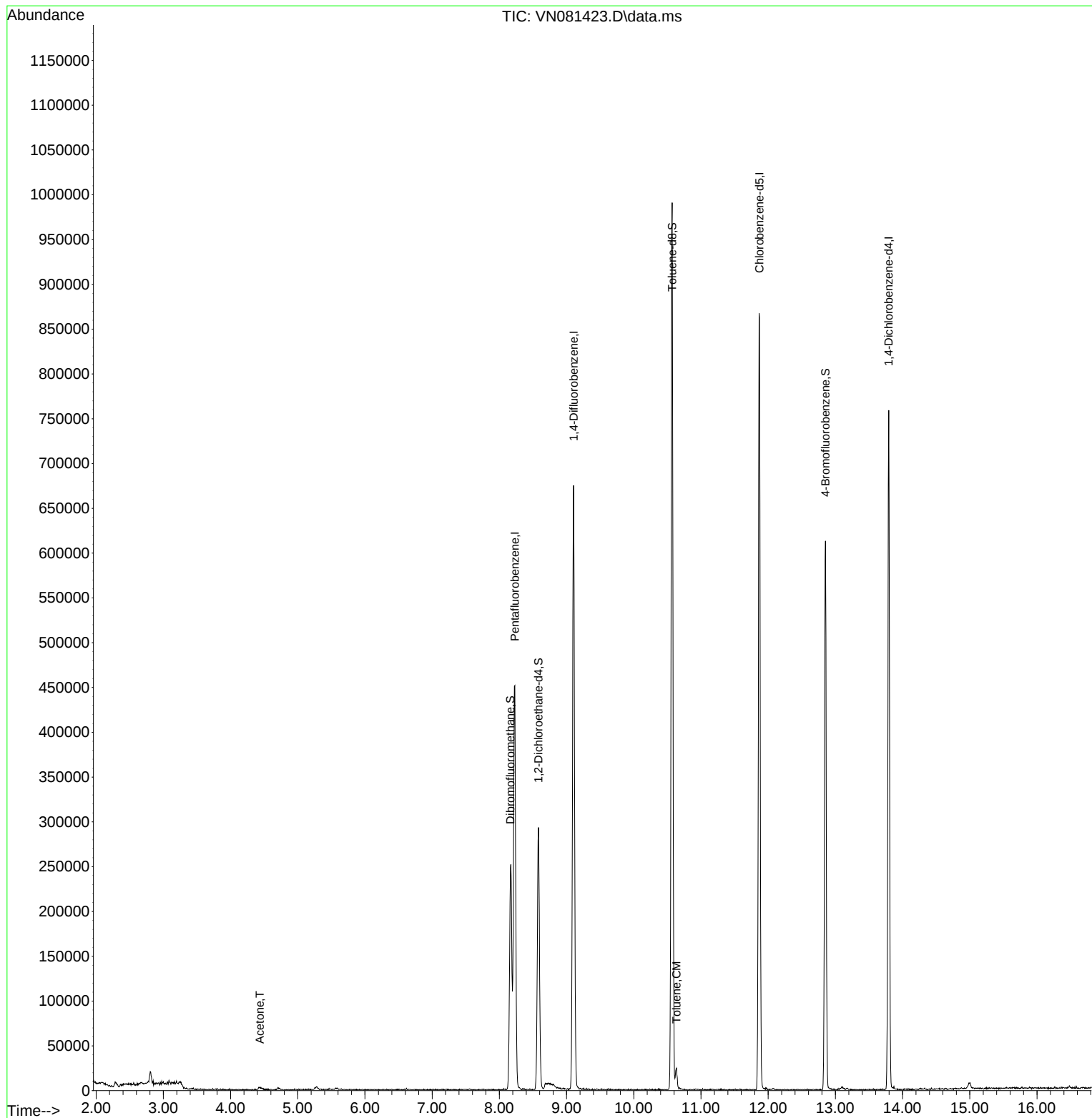
Internal Standards						
1) Pentafluorobenzene	8.230	168	307944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	565069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	483711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	233491	52.440	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.880%	
35) Dibromofluoromethane	8.165	113	180073	52.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.020%	
50) Toluene-d8	10.571	98	672381	51.954	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.900%	
62) 4-Bromofluorobenzene	12.853	95	210356	45.988	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 91.980%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	5823	3.691	ug/l #	72
52) Toluene	10.635	92	10241	1.017	ug/l	86

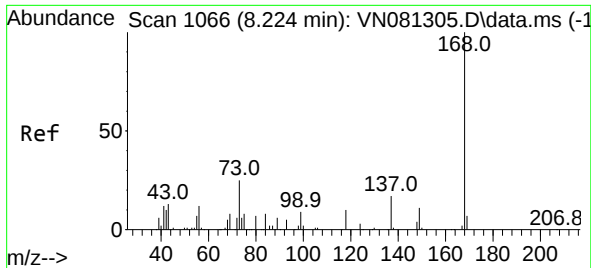
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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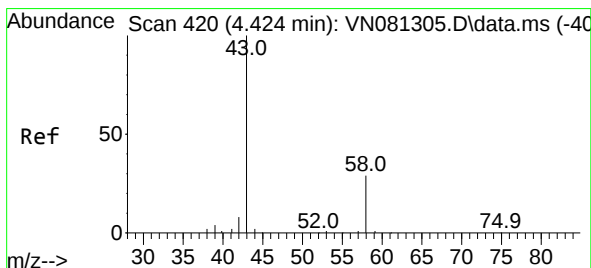
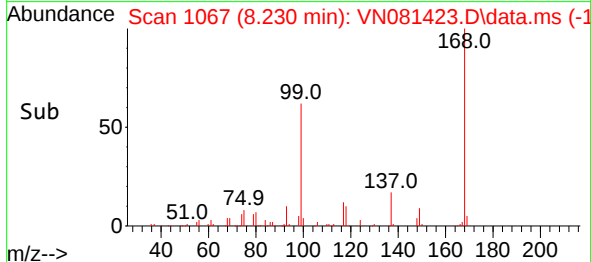
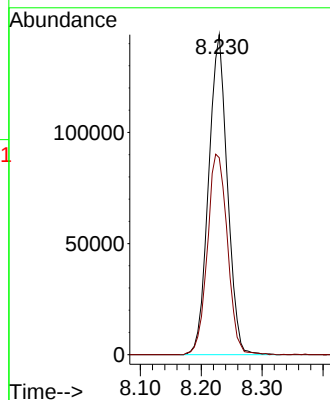
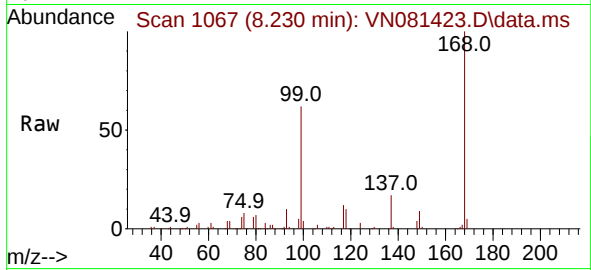




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081423.D
Acq: 14 Mar 2024 20:29

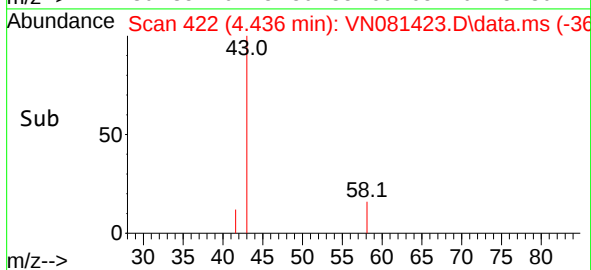
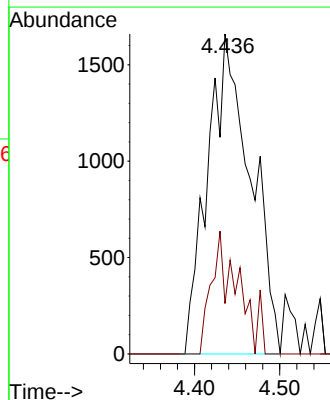
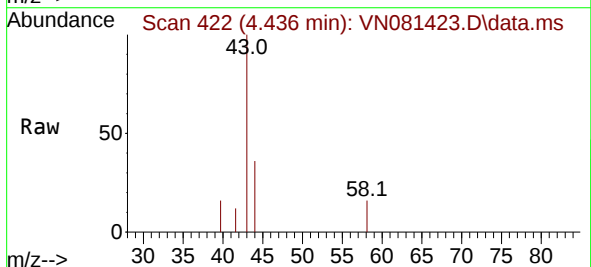
Instrument :
MSVOA_N
ClientSampleId :
TB-031424

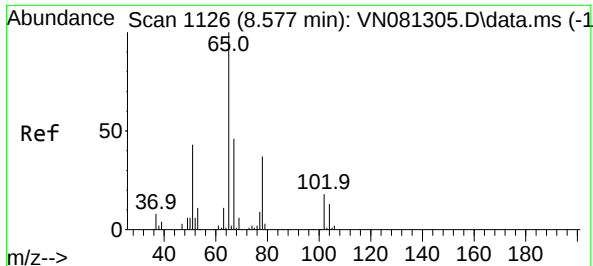
Tgt Ion:168 Resp: 307944
Ion Ratio Lower Upper
168 100
99 61.6 59.9 89.9



#16
Acetone
Concen: 3.691 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081423.D
Acq: 14 Mar 2024 20:29

Tgt Ion: 43 Resp: 5823
Ion Ratio Lower Upper
43 100
58 15.7 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 52.440 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081423.D

Acq: 14 Mar 2024 20:29

Instrument :

MSVOA_N

ClientSampleId :

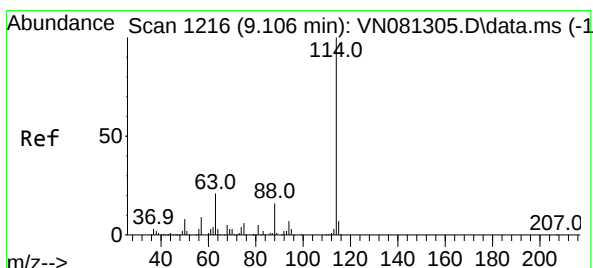
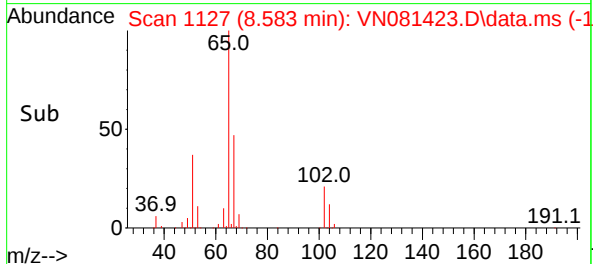
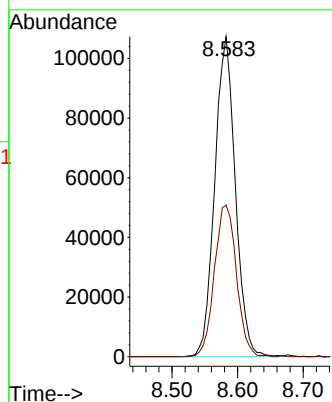
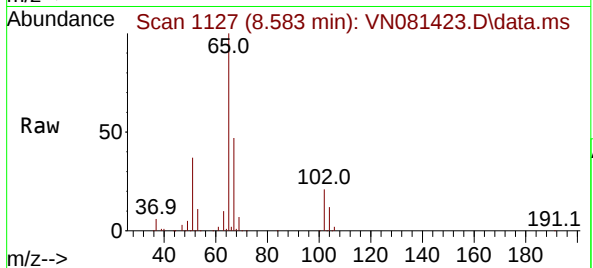
TB-031424

Tgt Ion: 65 Resp: 233491

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081423.D

Acq: 14 Mar 2024 20:29

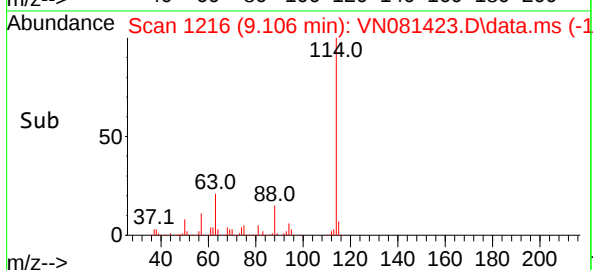
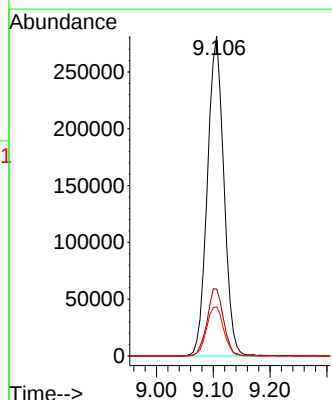
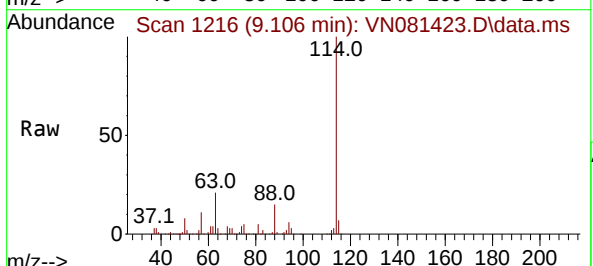
Tgt Ion: 114 Resp: 565069

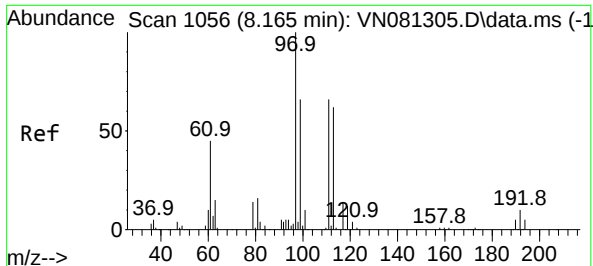
Ion Ratio Lower Upper

114 100

63 20.9 0.0 48.0

88 15.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 52.014 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081423.D

Acq: 14 Mar 2024 20:29

Instrument :

MSVOA_N

ClientSampleId :

TB-031424

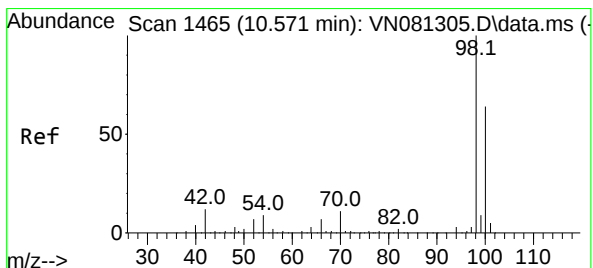
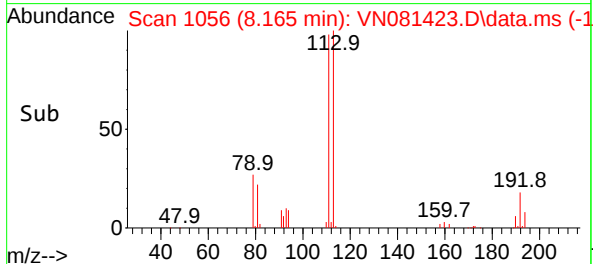
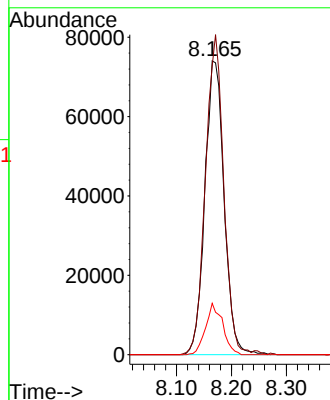
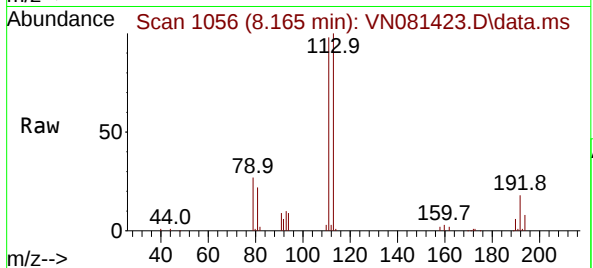
Tgt Ion:113 Resp: 180073

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 15.5 12.5 18.7



#50

Toluene-d8

Concen: 51.954 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081423.D

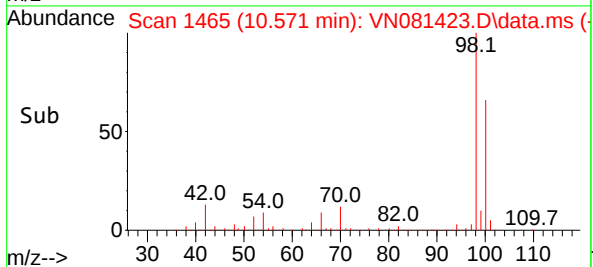
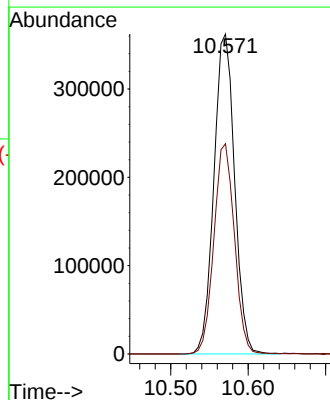
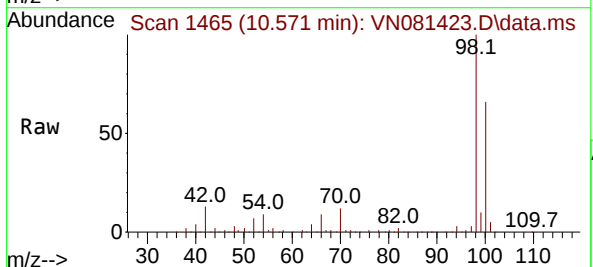
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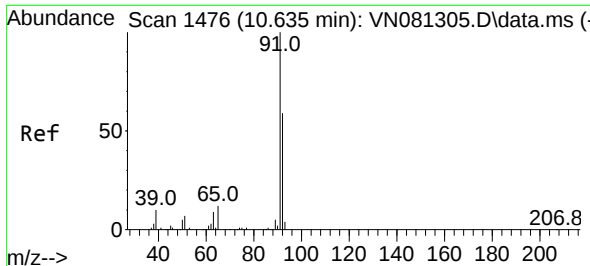
Tgt Ion: 98 Resp: 672381

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0

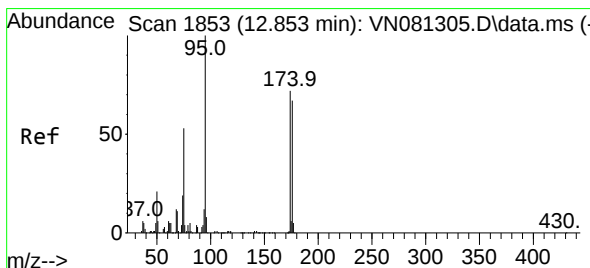
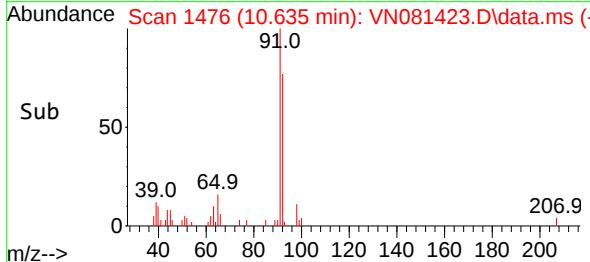
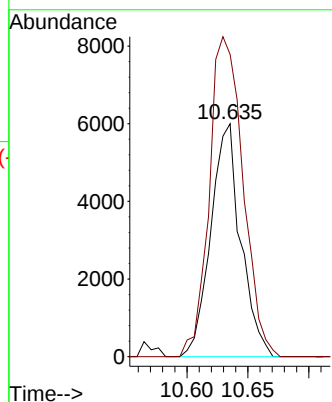
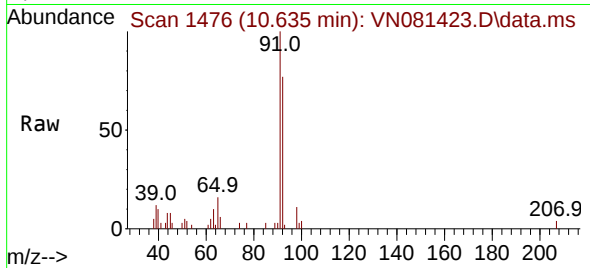




#52
Toluene
Concen: 1.017 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN081423.D
Acq: 14 Mar 2024 20:29

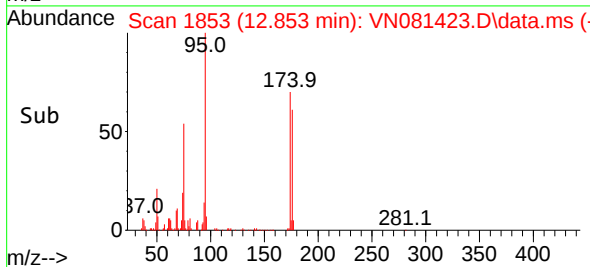
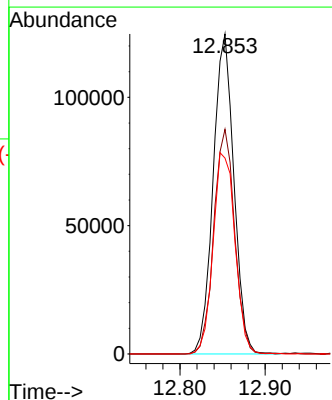
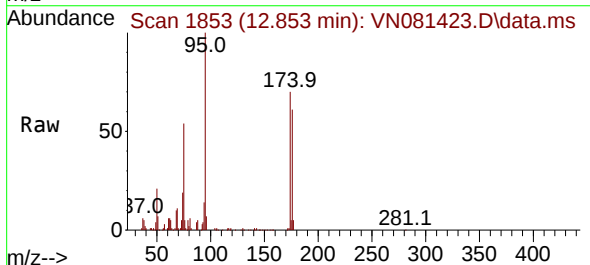
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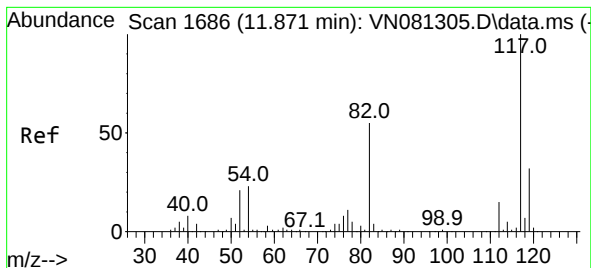
Tgt Ion: 92 Resp: 10241
Ion Ratio Lower Upper
92 100
91 155.0 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 45.988 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081423.D
Acq: 14 Mar 2024 20:29

Tgt Ion: 95 Resp: 210356
Ion Ratio Lower Upper
95 100
174 70.6 0.0 120.4
176 66.5 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081423.D

Acq: 14 Mar 2024 20:29

Instrument :

MSVOA_N

ClientSampleId :

TB-031424

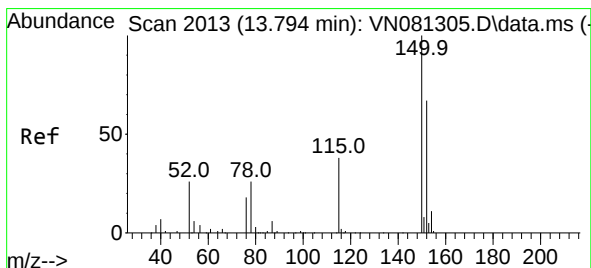
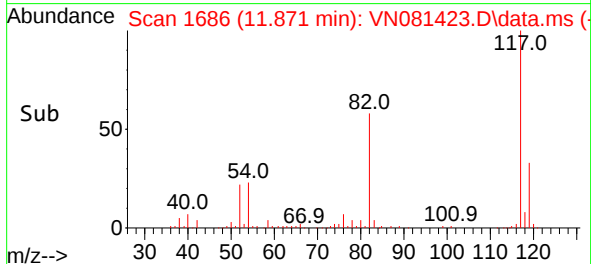
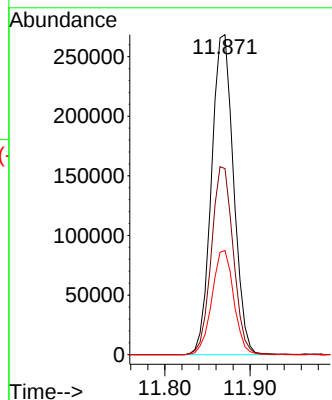
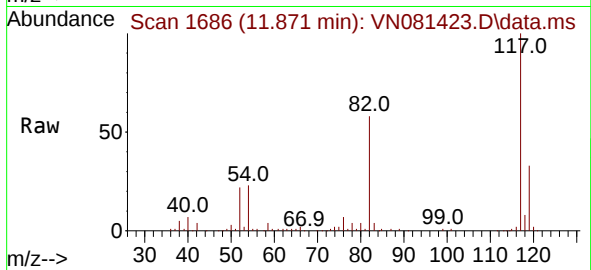
Tgt Ion:117 Resp: 483711

Ion Ratio Lower Upper

117 100

82 58.2 52.7 79.1

119 32.6 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081423.D

Acq: 14 Mar 2024 20:29

Tgt Ion:152 Resp: 186355

Ion Ratio Lower Upper

152 100

115 64.8 32.3 96.8

150 159.5 0.0 339.8

