

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080204.D
 Acq On : 20 Nov 2023 13:49
 Operator : JC\MD
 Sample : 05484-02 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1293

Quant Time: Nov 21 01:04:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

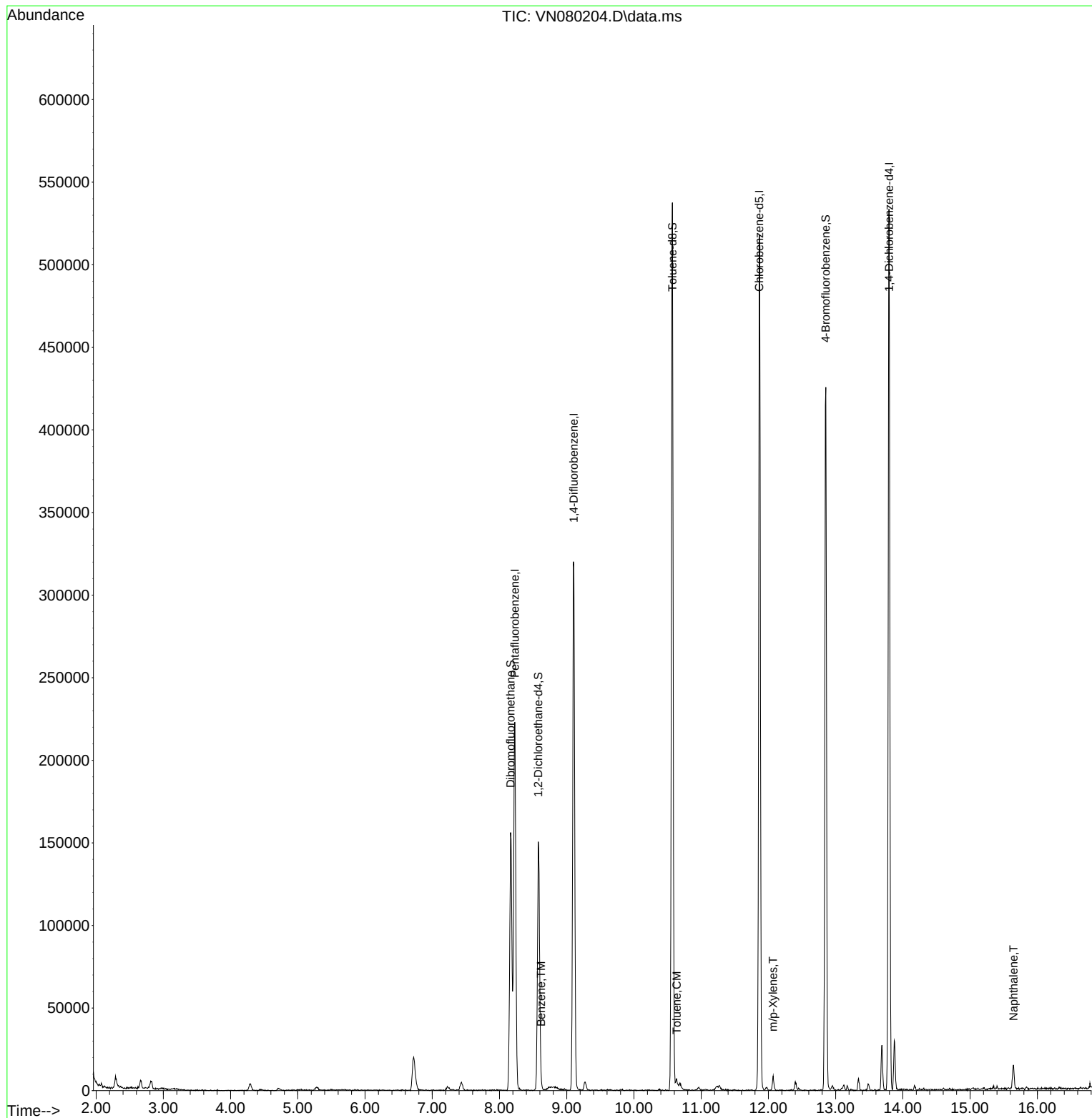
Internal Standards						
1) Pentafluorobenzene	8.230	168	151603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	270934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137574	54.959	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.920%	
35) Dibromofluoromethane	8.165	113	105151	52.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.200%	
50) Toluene-d8	10.571	98	363070	50.381	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	12.853	95	147811	54.302	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.600%	
Target Compounds						
					Qvalue	
40) Benzene	8.618	78	3563	0.433	ug/l	100
52) Toluene	10.635	92	2879	0.559	ug/l	88
68) m/p-Xylenes	12.071	106	2598	0.601	ug/l	84
95) Naphthalene	15.647	128	14288	1.773	ug/l	98

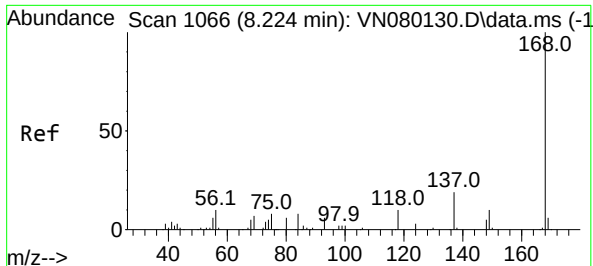
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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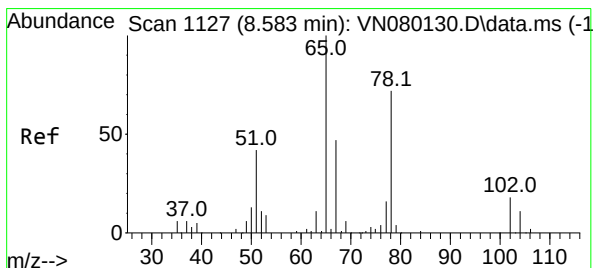
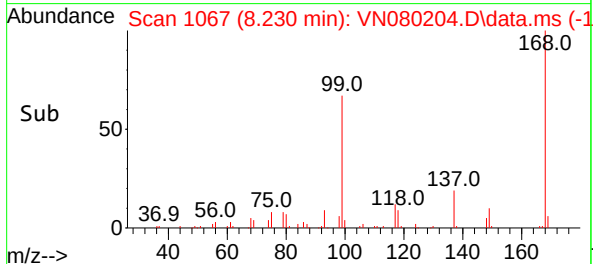
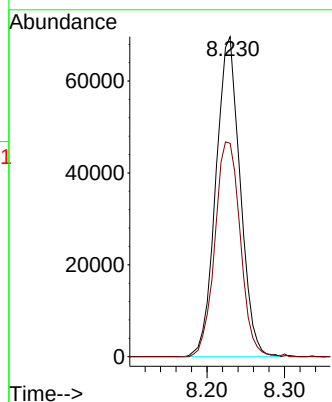
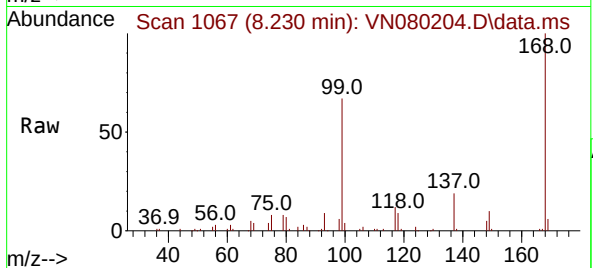




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080204.D
Acq: 20 Nov 2023 13:49

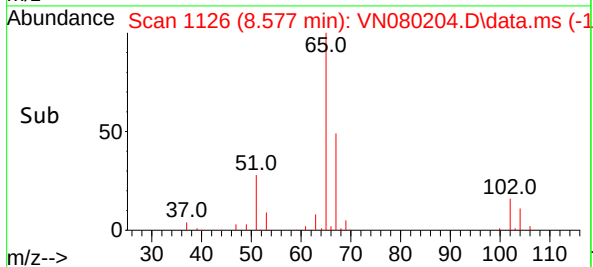
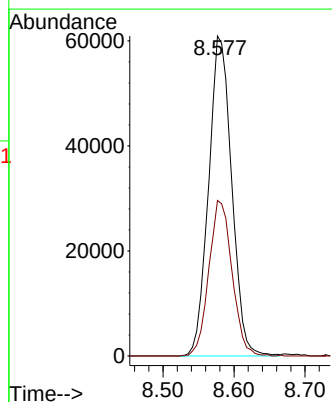
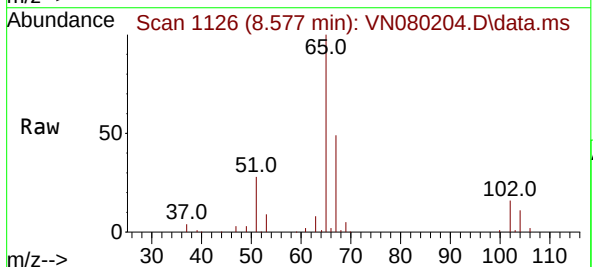
Instrument :
MSVOA_N
ClientSampleId :
AUD-1293

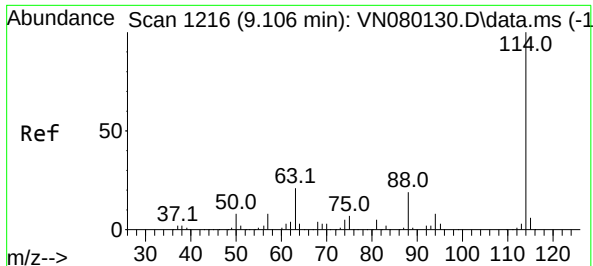
Tgt Ion:168 Resp: 151603
Ion Ratio Lower Upper
168 100
99 66.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.959 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080204.D
Acq: 20 Nov 2023 13:49

Tgt Ion: 65 Resp: 137574
Ion Ratio Lower Upper
65 100
67 48.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080204.D

Acq: 20 Nov 2023 13:49

Instrument :

MSVOA_N

ClientSampleId :

AUD-1293

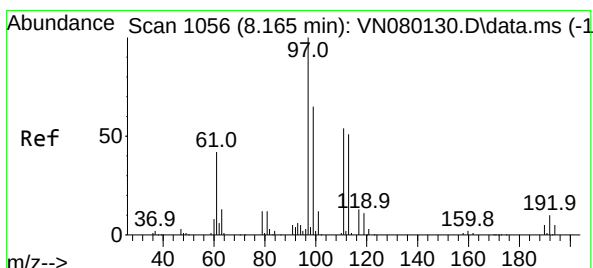
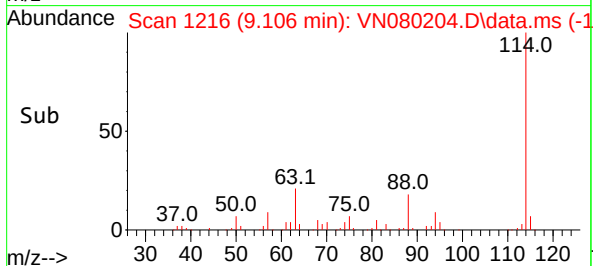
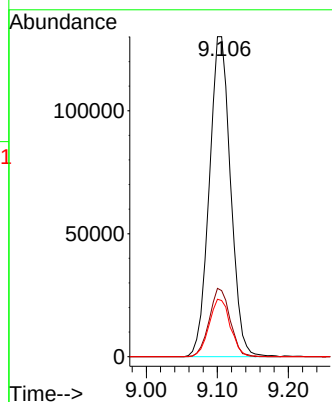
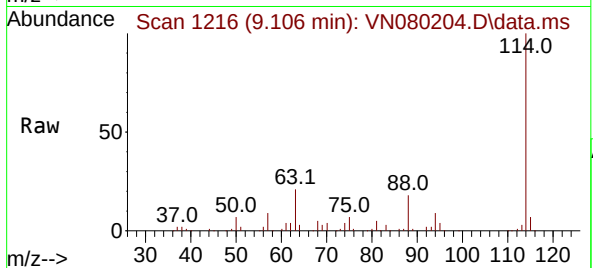
Tgt Ion:114 Resp: 270934

Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 17.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.598 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080204.D

Acq: 20 Nov 2023 13:49

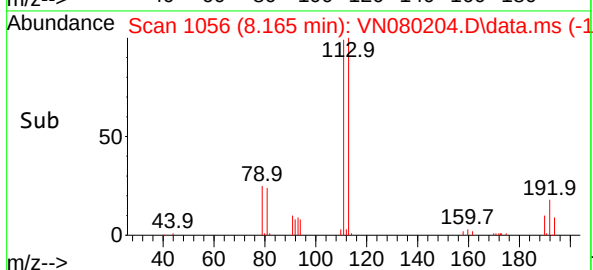
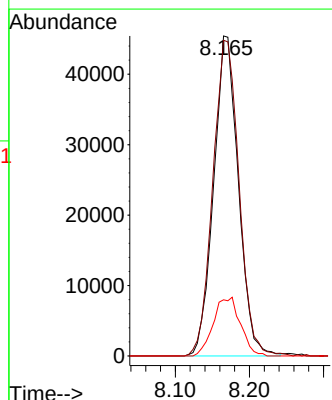
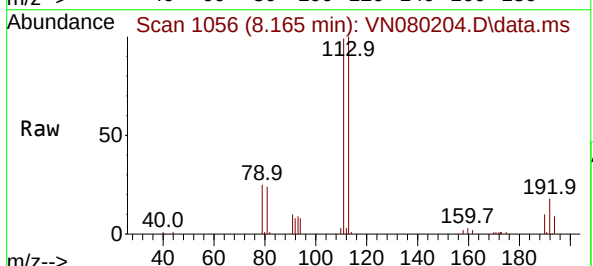
Tgt Ion:113 Resp: 105151

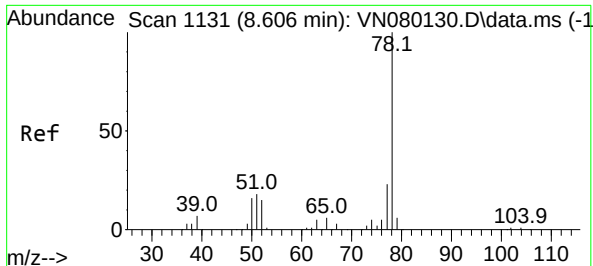
Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

192 20.0 12.7 19.1#





#40

Benzene

Concen: 0.433 ug/l

RT: 8.618 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VN080204.D

Acq: 20 Nov 2023 13:49

Instrument :

MSVOA_N

ClientSampleId :

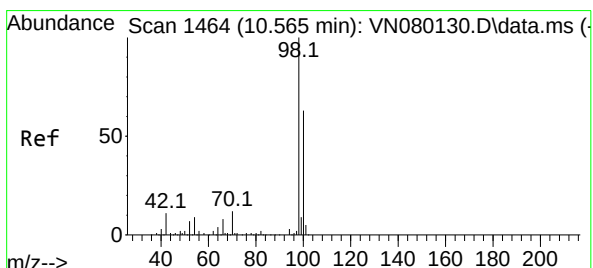
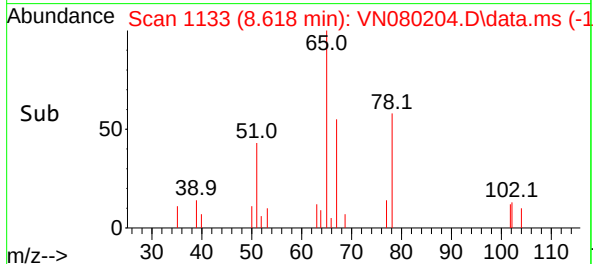
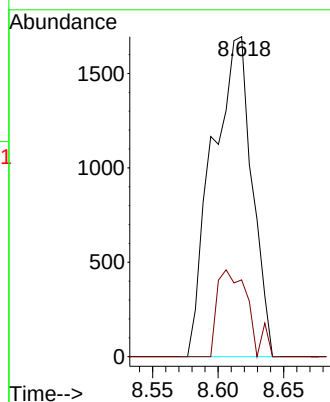
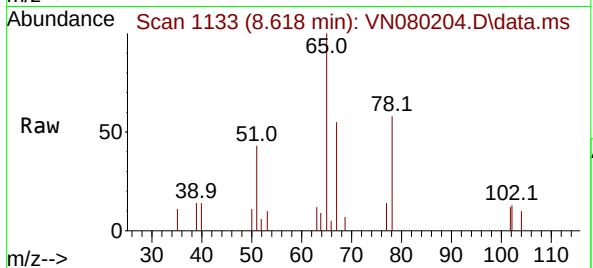
AUD-1293

Tgt Ion: 78 Resp: 3563

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6



#50

Toluene-d8

Concen: 50.381 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080204.D

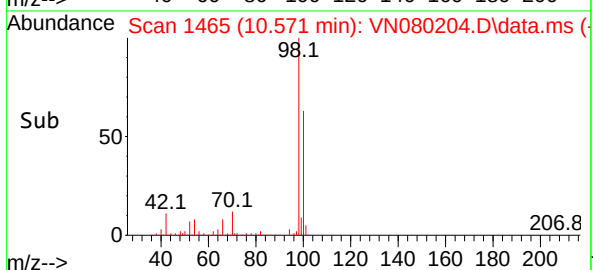
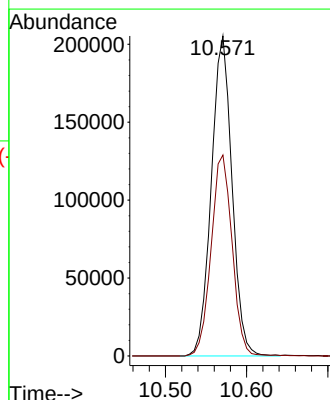
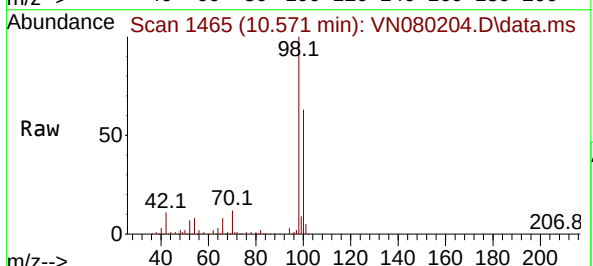
Acq: 20 Nov 2023 13:49

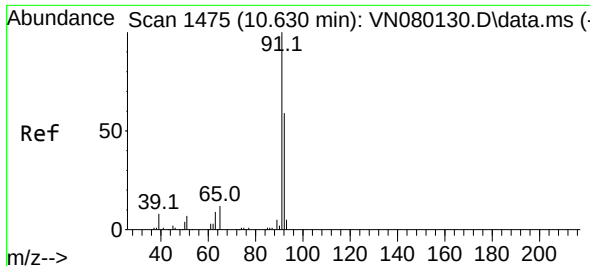
Tgt Ion: 98 Resp: 363070

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

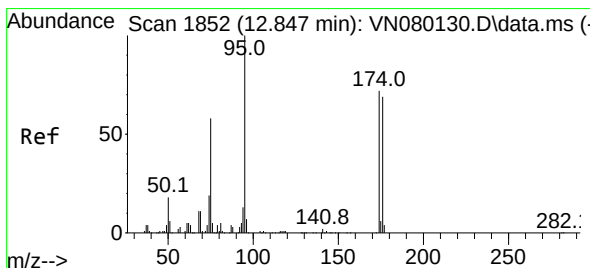
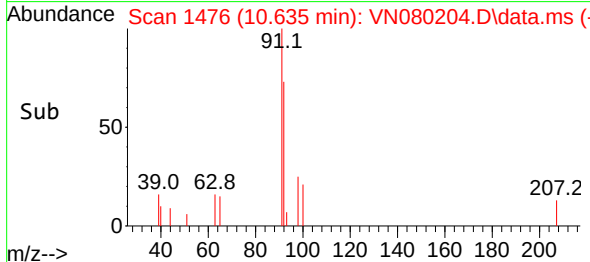
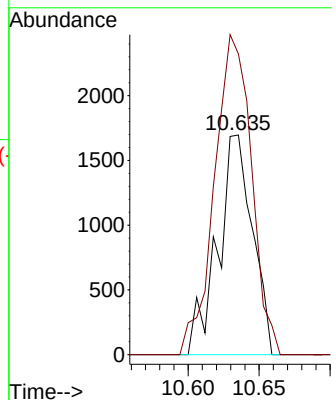
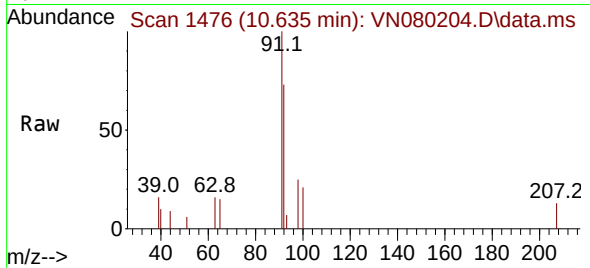




#52
Toluene
Concen: 0.559 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN080204.D
Acq: 20 Nov 2023 13:49

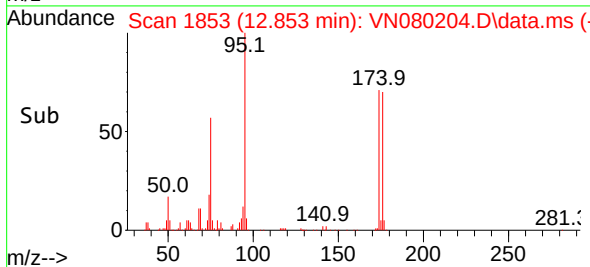
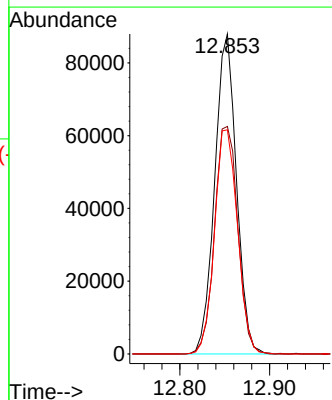
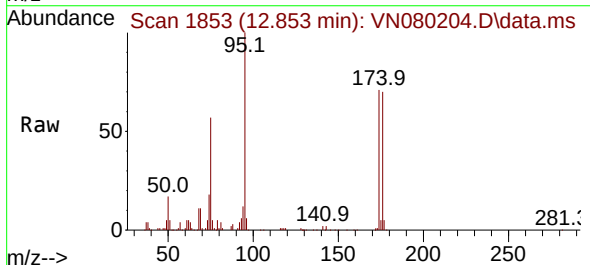
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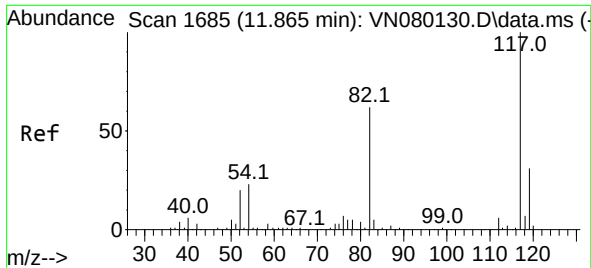
Tgt Ion: 92 Resp: 2879
Ion Ratio Lower Upper
92 100
91 155.5 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 54.302 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080204.D
Acq: 20 Nov 2023 13:49

Tgt Ion: 95 Resp: 147811
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 74.2 0.0 135.8

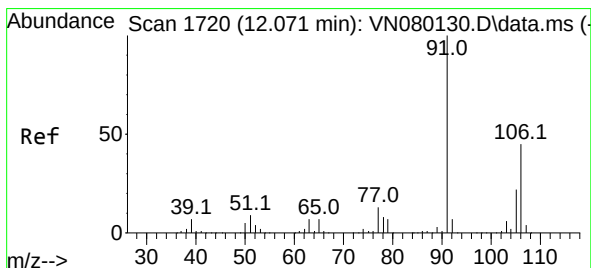
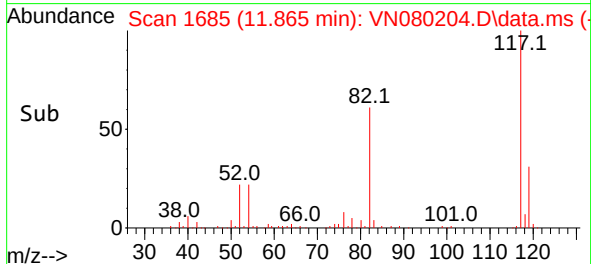
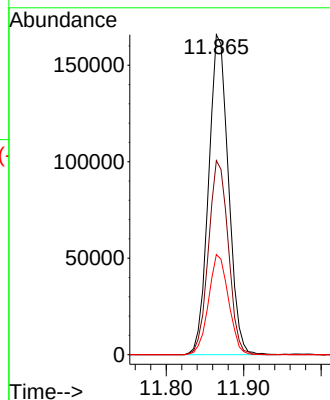
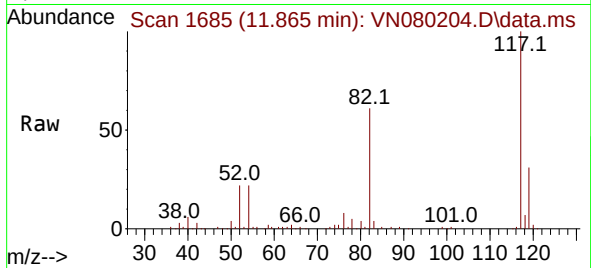




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080204.D
Acq: 20 Nov 2023 13:49

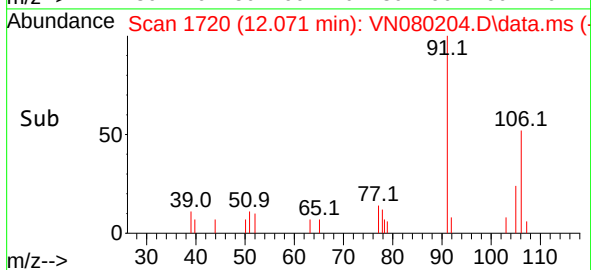
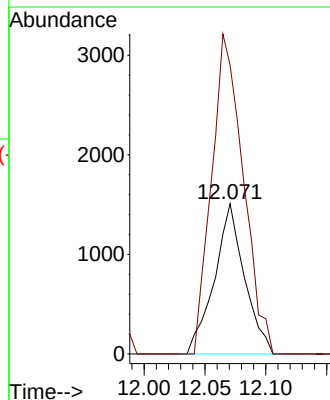
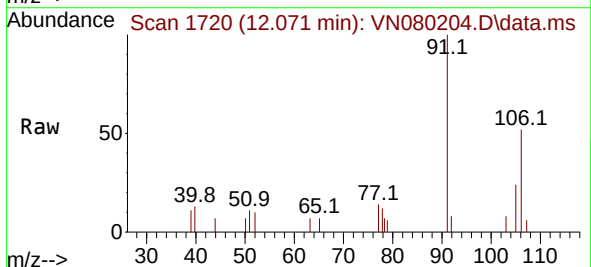
Instrument :
MSVOA_N
ClientSampleId :
AUD-1293

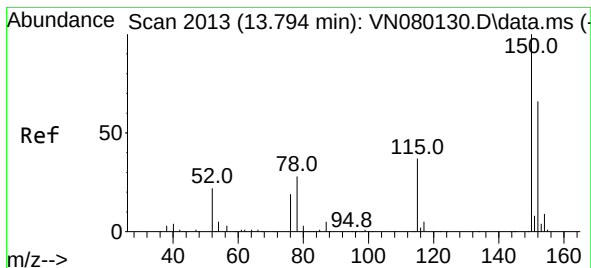
Tgt Ion:117 Resp: 294076
Ion Ratio Lower Upper
117 100
82 60.6 44.0 66.0
119 31.3 25.6 38.4



#68
m/p-Xylenes
Concen: 0.601 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080204.D
Acq: 20 Nov 2023 13:49

Tgt Ion:106 Resp: 2598
Ion Ratio Lower Upper
106 100
91 223.2 159.6 239.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080204.D

Acq: 20 Nov 2023 13:49

Instrument :

MSVOA_N

ClientSampleId :

AUD-1293

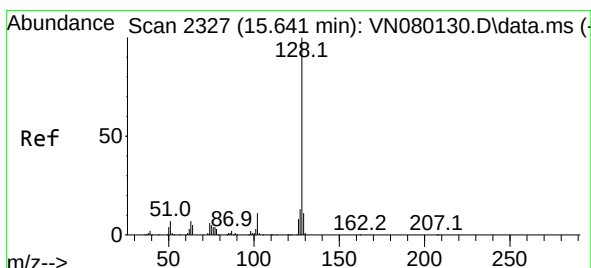
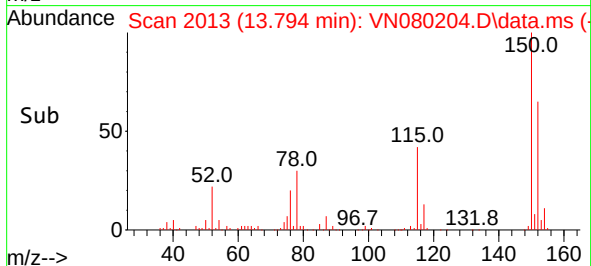
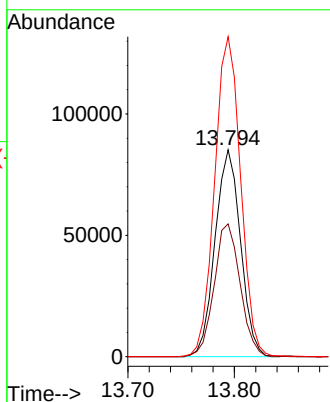
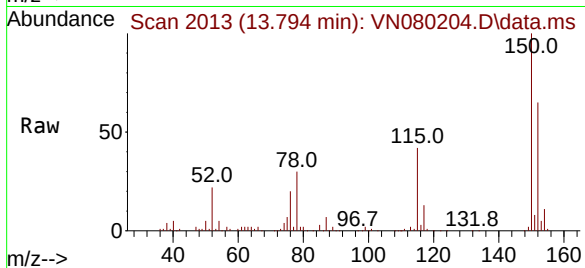
Tgt Ion:152 Resp: 141475

Ion Ratio Lower Upper

152 100

115 65.6 32.3 96.8

150 157.9 0.0 355.8



#95

Naphthalene

Concen: 1.773 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN080204.D

Acq: 20 Nov 2023 13:49

Tgt Ion:128 Resp: 14288

Ion Ratio Lower Upper

128 100

127 11.6 10.0 15.0

129 11.7 8.7 13.1

