

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062623\
 Data File : VN078408.D
 Acq On : 26 Jun 2023 17:37
 Operator : JC\MD
 Sample : 03417-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1622

Quant Time: Jun 27 02:19:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

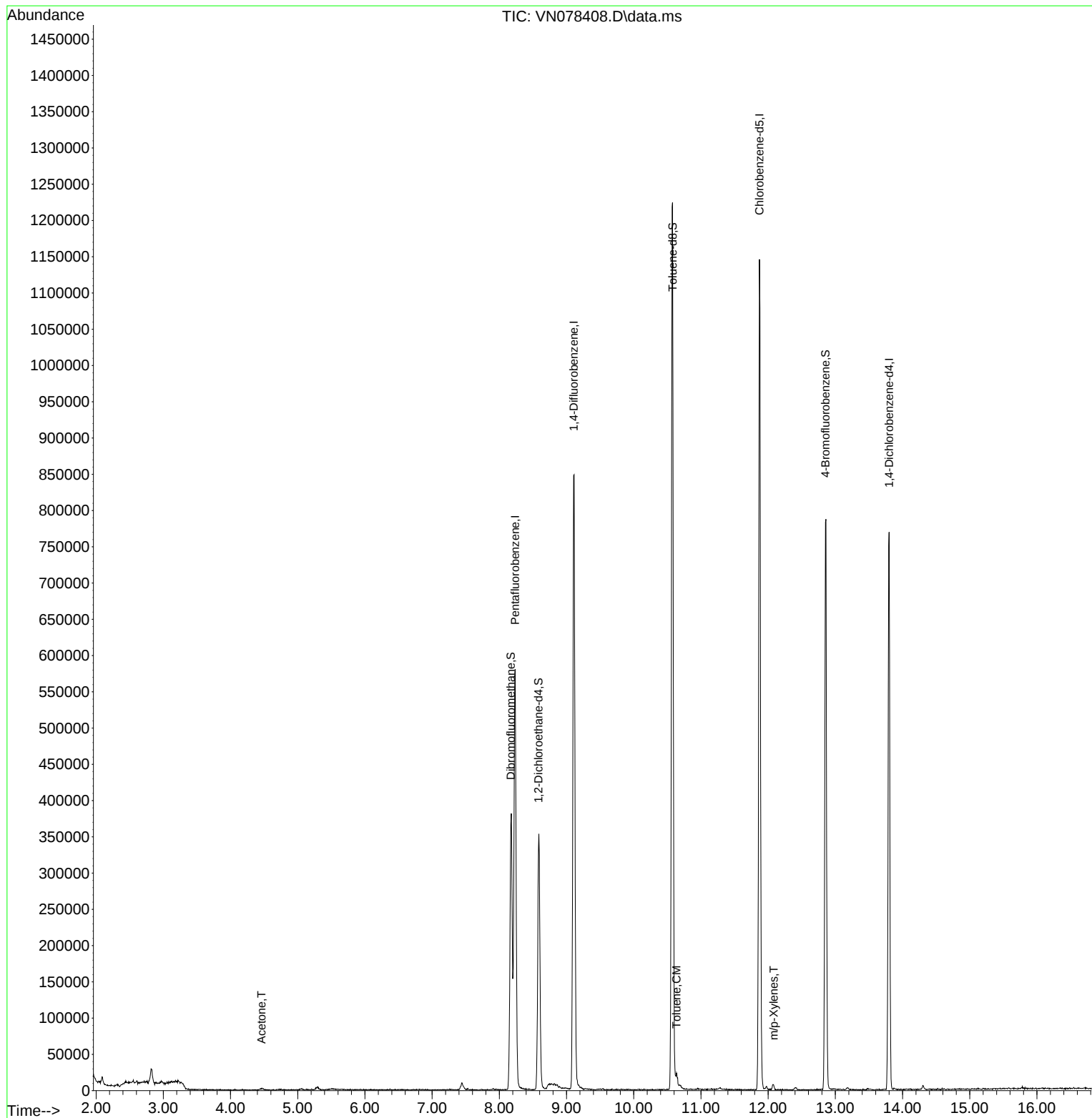
Internal Standards						
1) Pentafluorobenzene	8.236	168	412971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	771250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	689400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	208779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	287083	52.138	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.280%	
35) Dibromofluoromethane	8.171	113	275163	56.426	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.860%	
50) Toluene-d8	10.577	98	888763	47.276	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.560%	
62) 4-Bromofluorobenzene	12.853	95	281243	48.123	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.240%	
Target Compounds						
						Qvalue
16) Acetone	4.459	43	4602	2.904	ug/l	93
52) Toluene	10.635	92	8479	0.643	ug/l	82
68) m/p-Xylenes	12.082	106	2508	0.258	ug/l	85

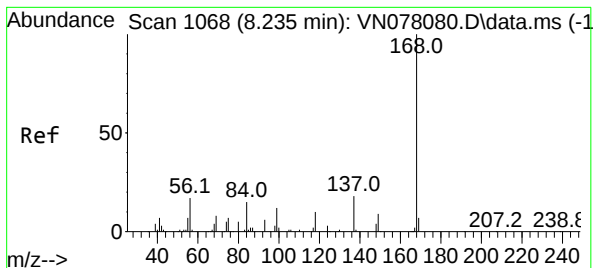
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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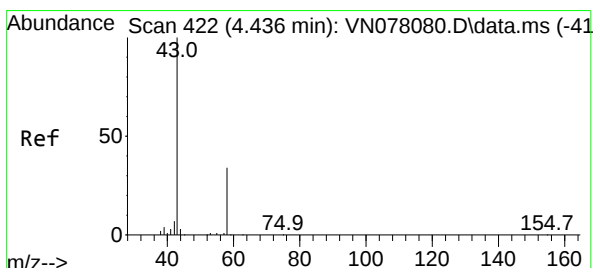
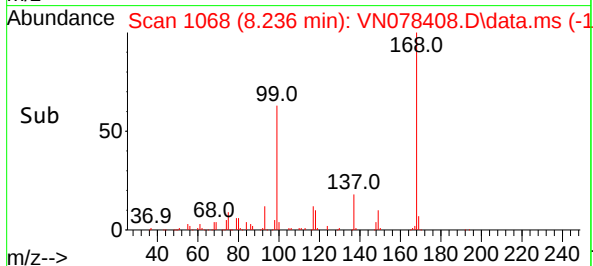
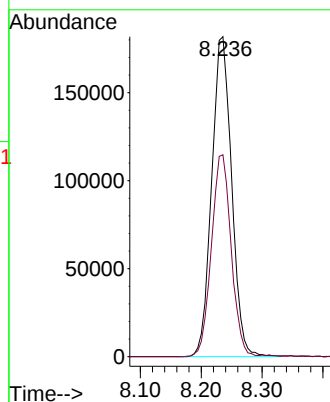
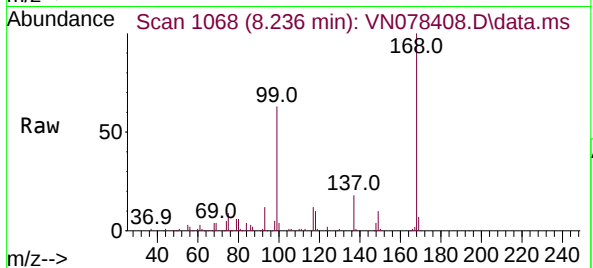




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078408.D
Acq: 26 Jun 2023 17:37

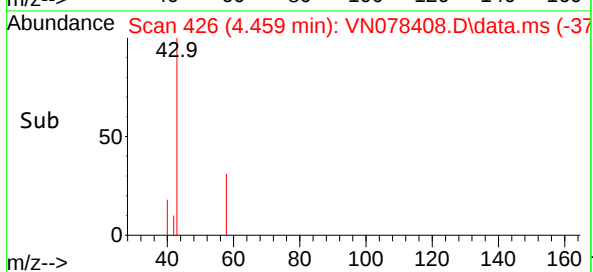
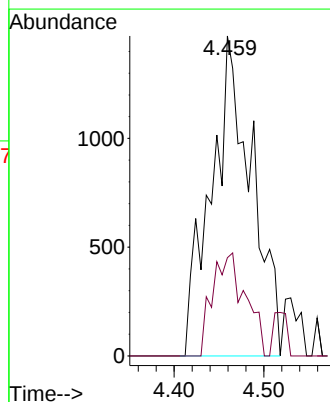
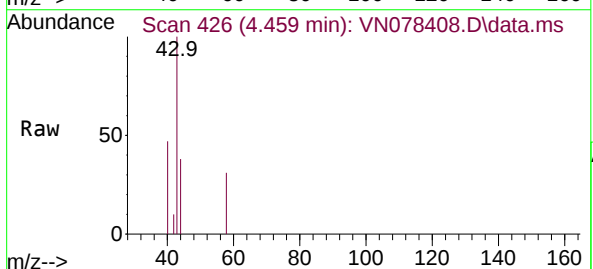
Instrument :
MSVOA_N
ClientSampleId :
1622

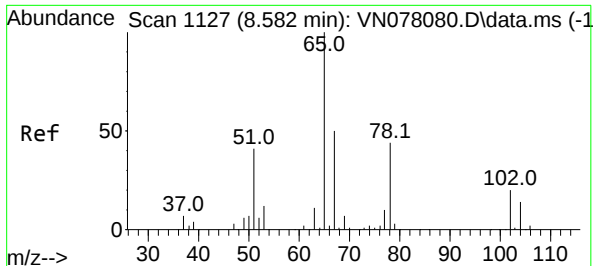
Tgt Ion:168 Resp: 412971
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#16
Acetone
Concen: 2.904 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.024 min
Lab File: VN078408.D
Acq: 26 Jun 2023 17:37

Tgt Ion: 43 Resp: 4602
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 52.138 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078408.D

Acq: 26 Jun 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

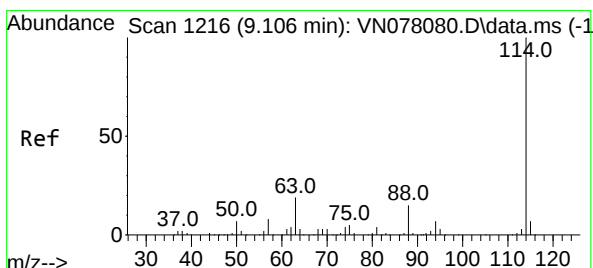
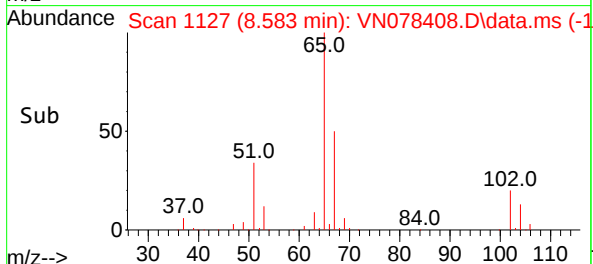
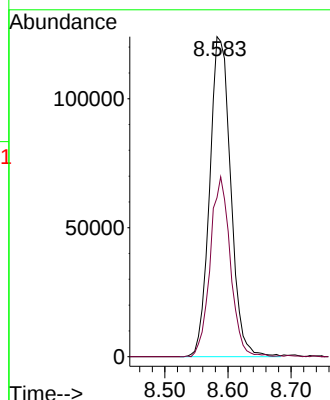
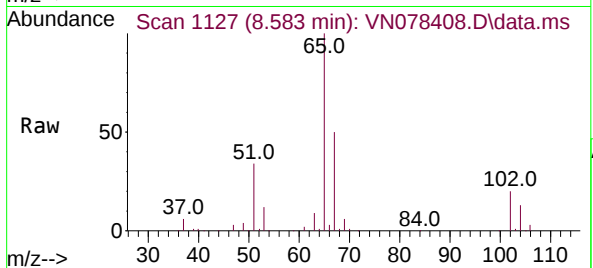
1622

Tgt Ion: 65 Resp: 287083

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078408.D

Acq: 26 Jun 2023 17:37

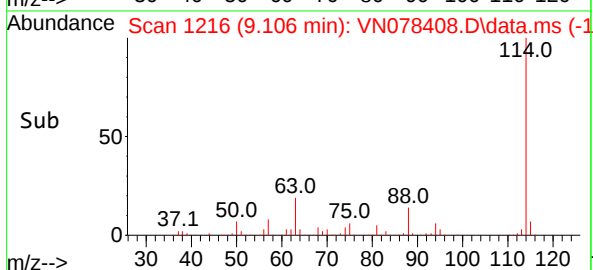
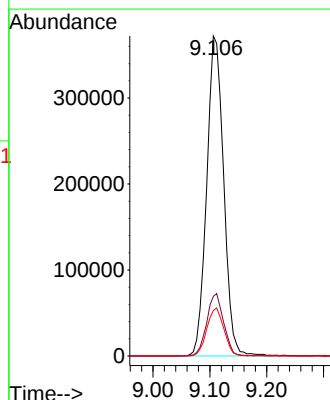
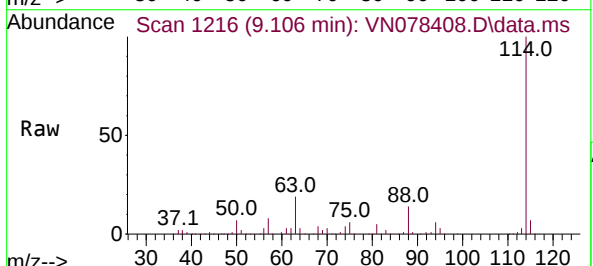
Tgt Ion: 114 Resp: 771250

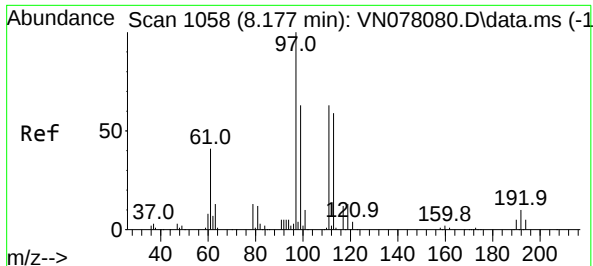
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.426 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078408.D

Acq: 26 Jun 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

1622

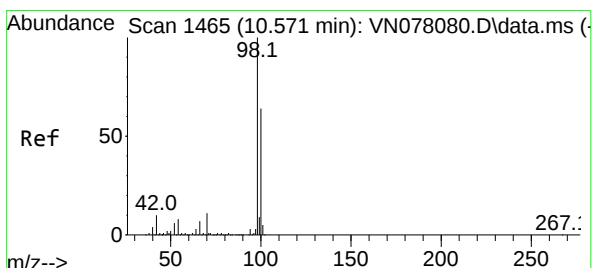
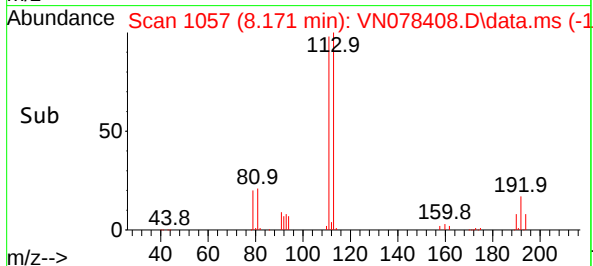
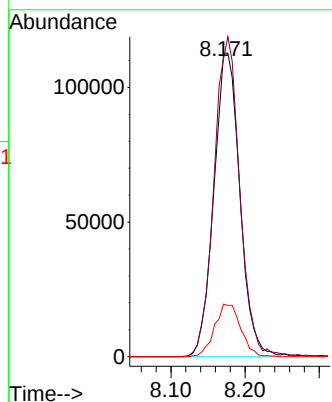
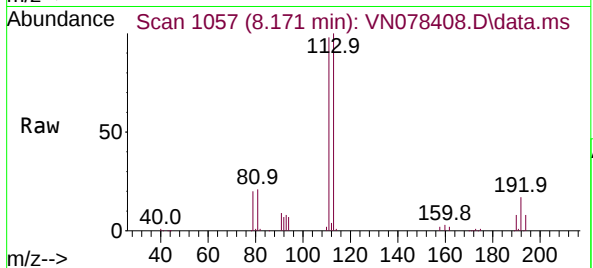
Tgt Ion:113 Resp: 275163

Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

192 17.3 12.7 19.1



#50

Toluene-d8

Concen: 47.276 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078408.D

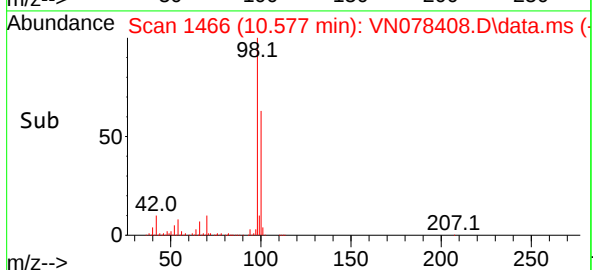
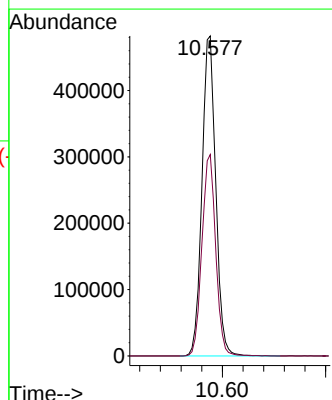
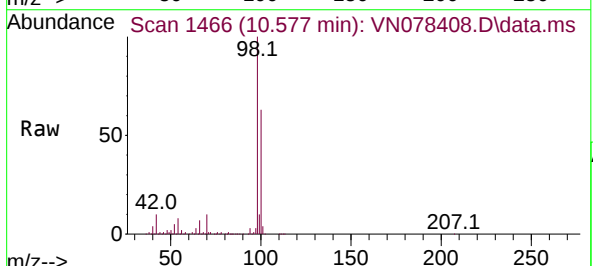
Acq: 26 Jun 2023 17:37

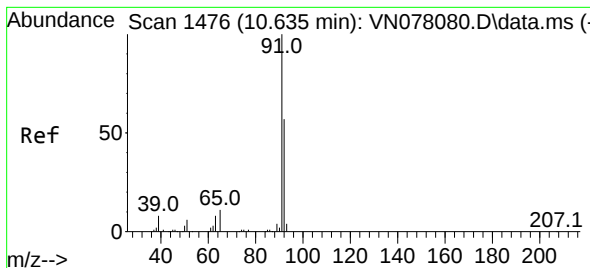
Tgt Ion: 98 Resp: 888763

Ion Ratio Lower Upper

98 100

100 63.1 52.0 78.0





#52

Toluene

Concen: 0.643 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN078408.D

Acq: 26 Jun 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

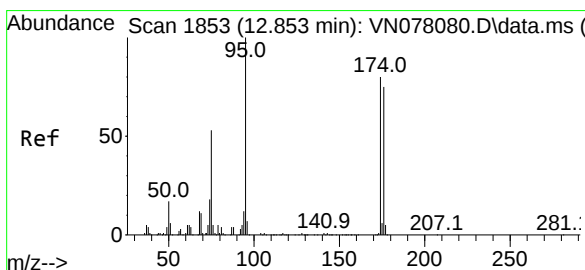
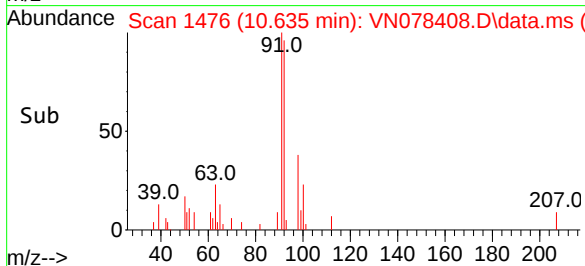
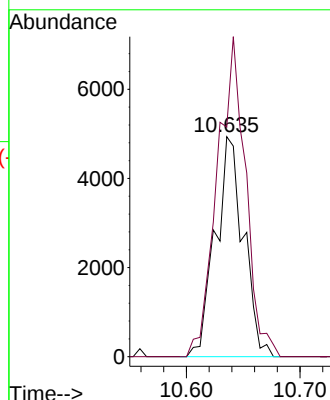
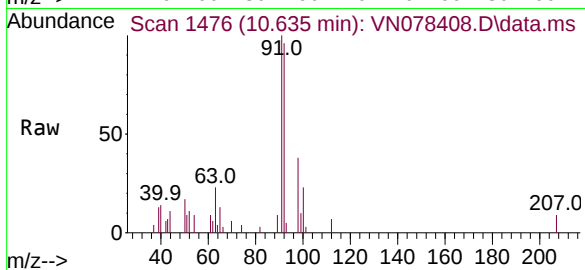
1622

Tgt Ion: 92 Resp: 8479

Ion Ratio Lower Upper

92 100

91 146.7 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 48.123 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN078408.D

Acq: 26 Jun 2023 17:37

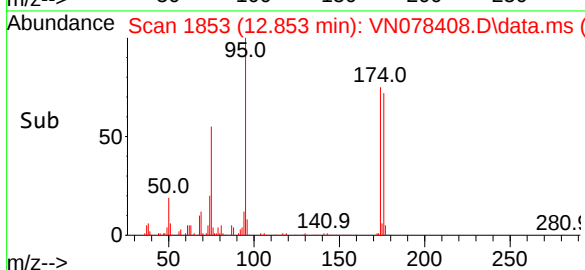
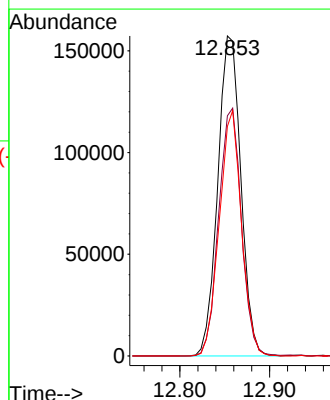
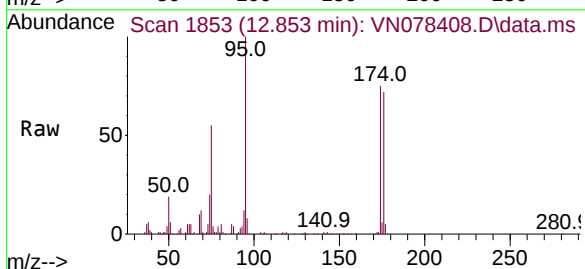
Tgt Ion: 95 Resp: 281243

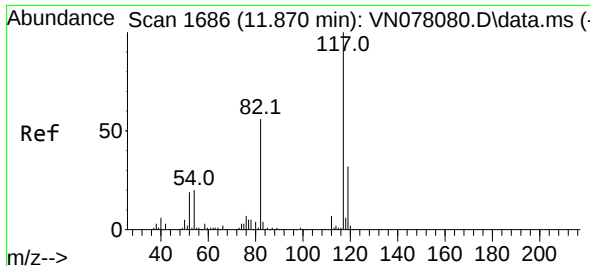
Ion Ratio Lower Upper

95 100

174 76.2 0.0 143.8

176 73.6 0.0 135.8

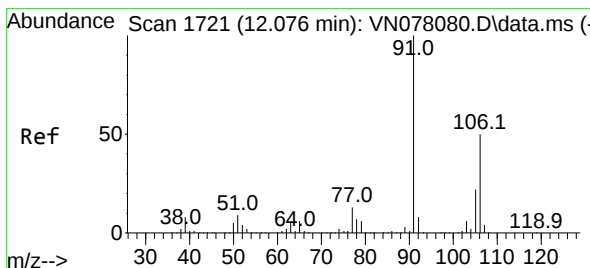
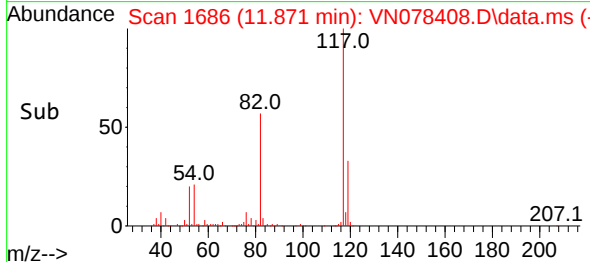
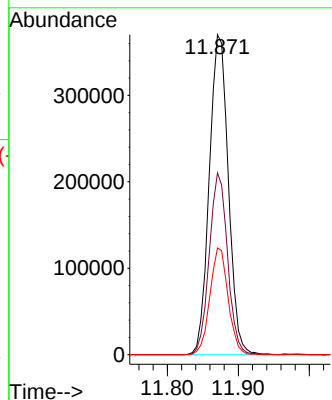
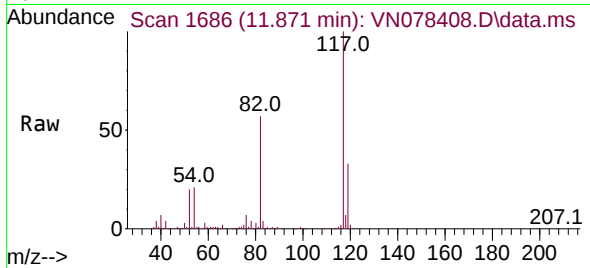




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VN078408.D
Acq: 26 Jun 2023 17:37

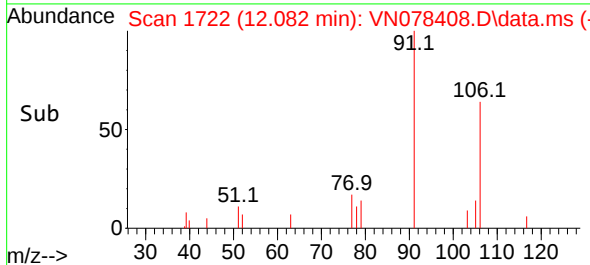
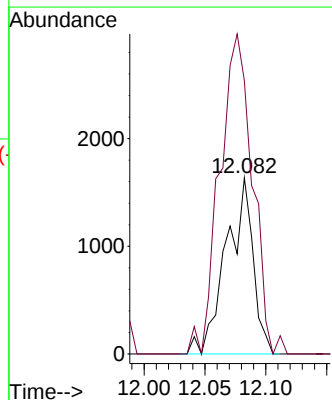
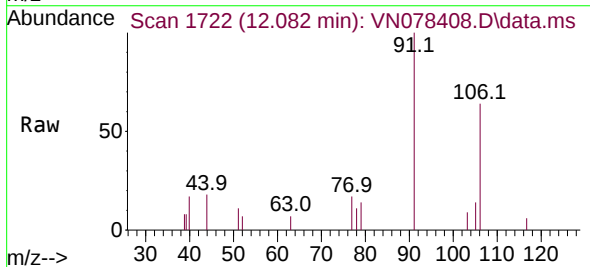
Instrument :
MSVOA_N
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1622

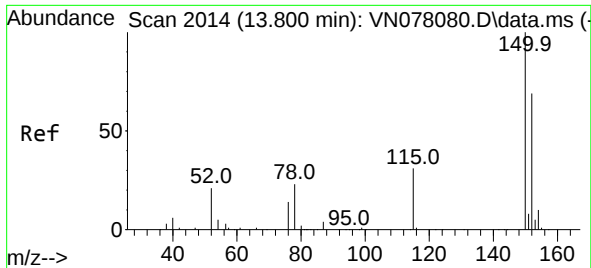
Tgt Ion:117 Resp: 689400
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 33.3 25.6 38.4



#68
m/p-Xylenes
Concen: 0.258 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.006 min
Lab File: VN078408.D
Acq: 26 Jun 2023 17:37

Tgt Ion:106 Resp: 2508
Ion Ratio Lower Upper
106 100
91 221.9 159.6 239.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN078408.D
 Acq: 26 Jun 2023 17:37

Instrument :
 MSVOA_N
 ClientSampleId :
 1622

Tgt Ion:152 Resp: 208779
 Ion Ratio Lower Upper
 152 100
 115 61.1 32.3 96.8
 150 158.1 0.0 355.8

