

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077898.D
 Acq On : 25 May 2023 13:39
 Operator : JC\MD
 Sample : 02884-03 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2002

Quant Time: May 25 16:30:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

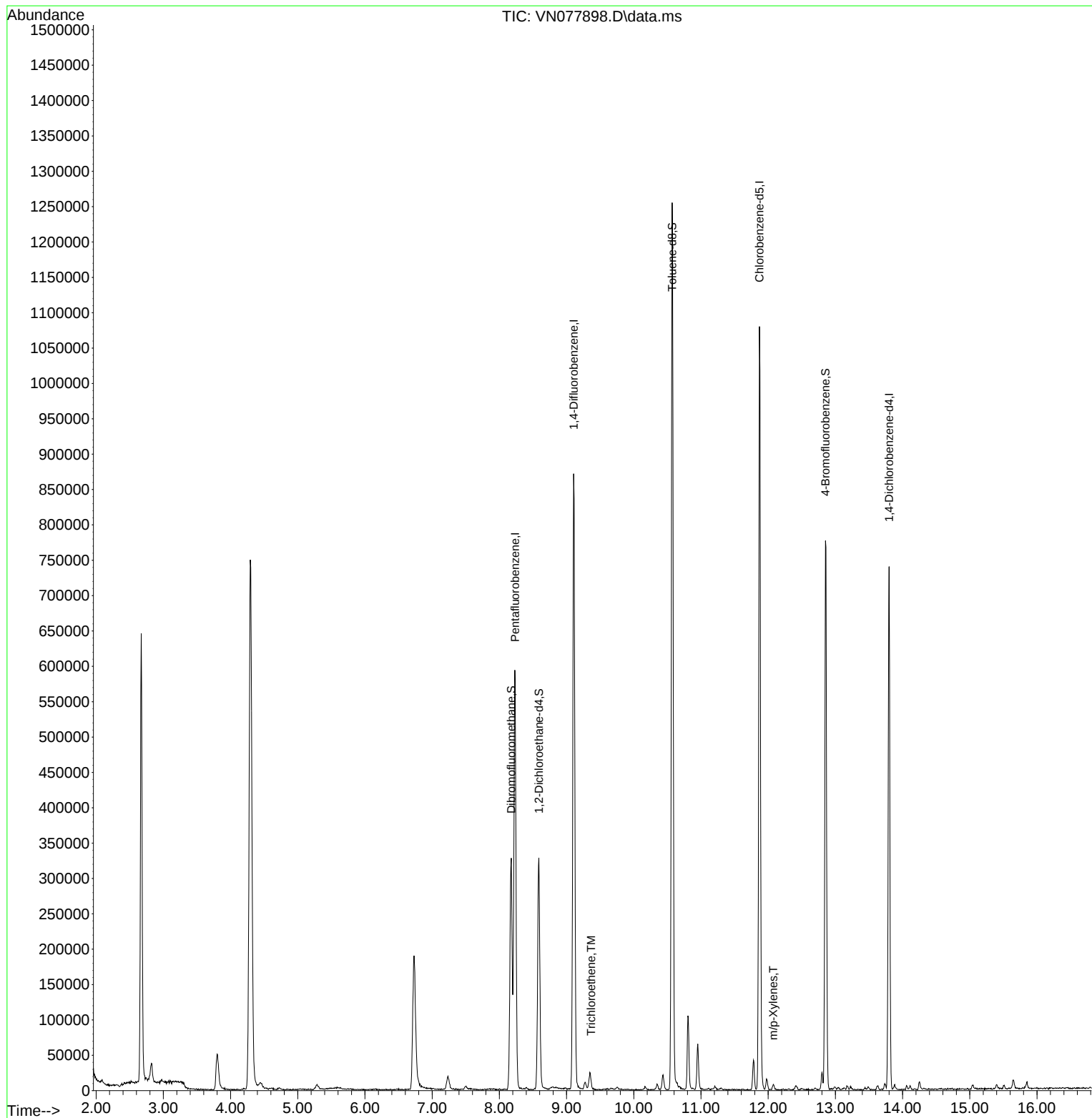
Internal Standards						
1) Pentafluorobenzene	8.235	168	424916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	753540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	640496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	195922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	274346	43.151	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.300%
35) Dibromofluoromethane	8.177	113	237620	48.358	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.720%
50) Toluene-d8	10.570	98	928141	49.073	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.853	95	292492	43.787	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.580%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.365	130	1554	0.289	ug/l	77
68) m/p-Xylenes	12.076	106	2405	0.255	ug/l	91

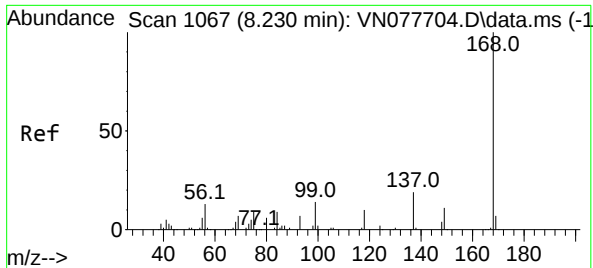
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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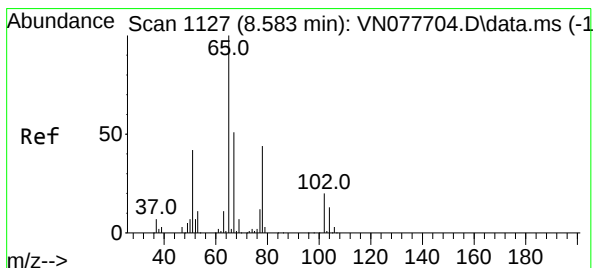
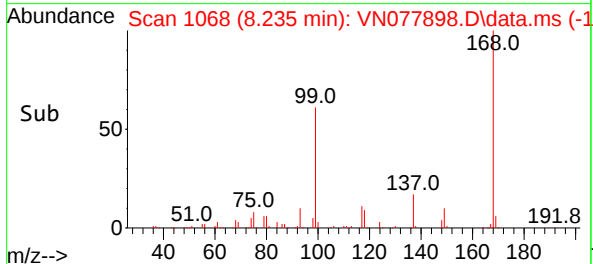
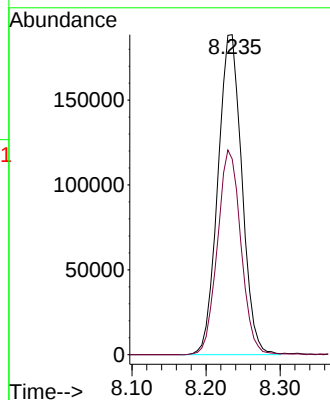
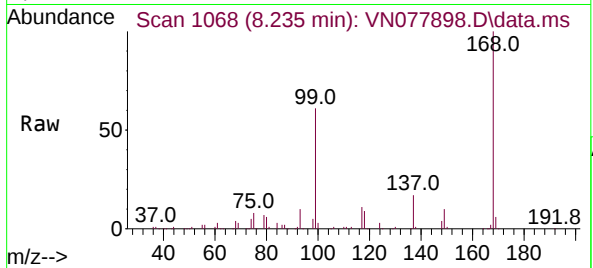




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

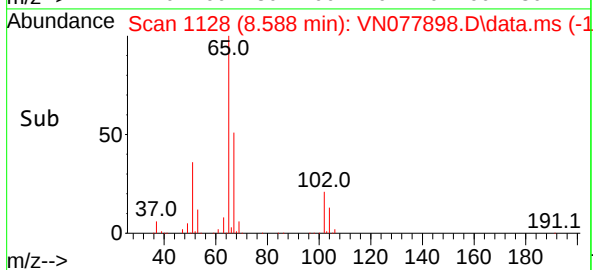
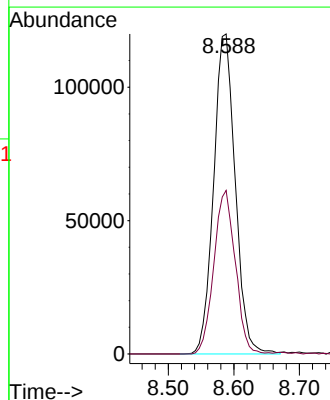
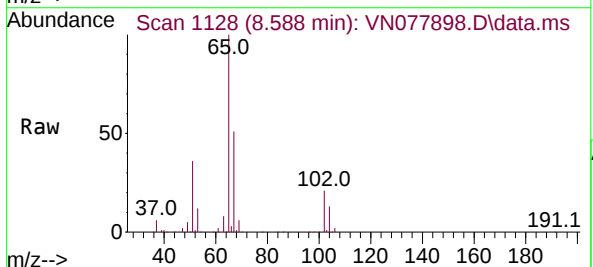
Instrument :
MSVOA_N
ClientSampleId :
2002

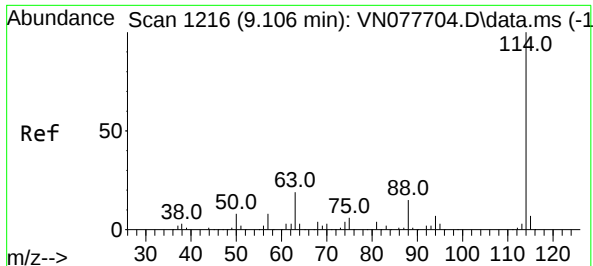
Tgt Ion:168 Resp: 424916
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 43.151 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion: 65 Resp: 274346
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077898.D

Acq: 25 May 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

2002

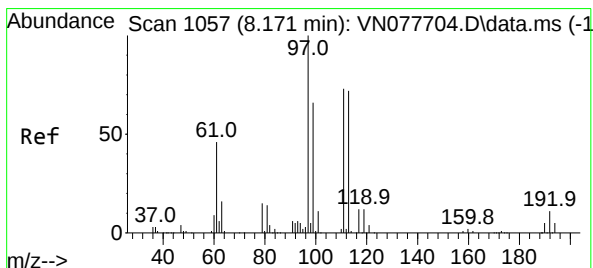
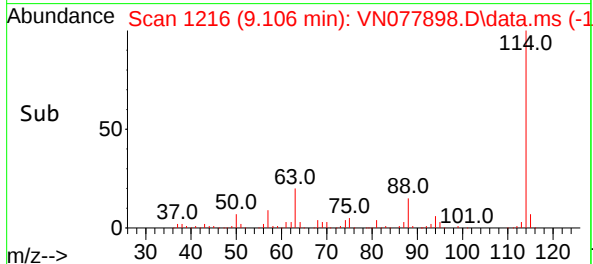
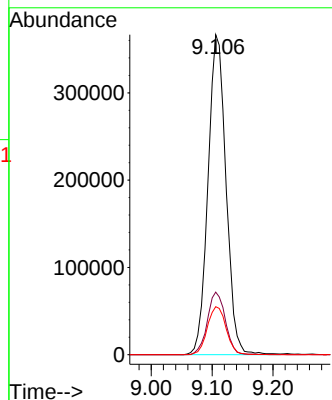
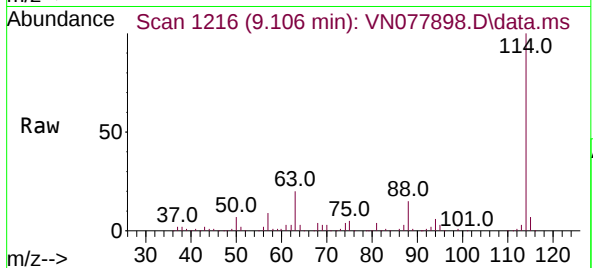
Tgt Ion:114 Resp: 753540

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.358 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077898.D

Acq: 25 May 2023 13:39

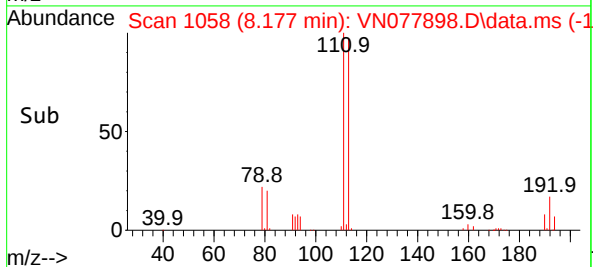
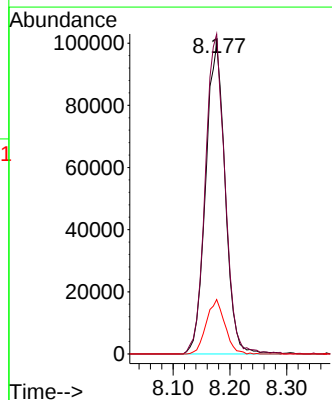
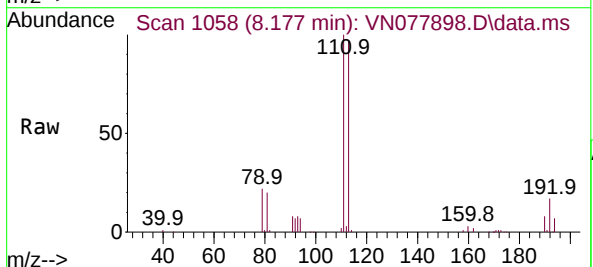
Tgt Ion:113 Resp: 237620

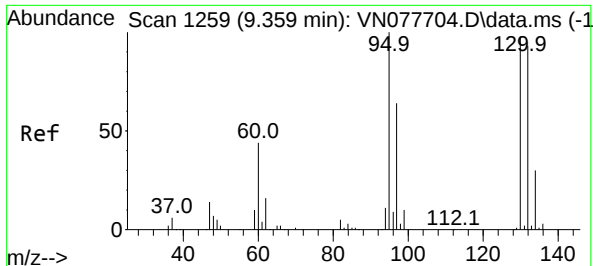
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 16.7 12.7 19.1

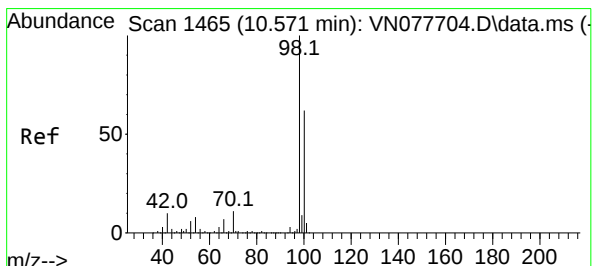
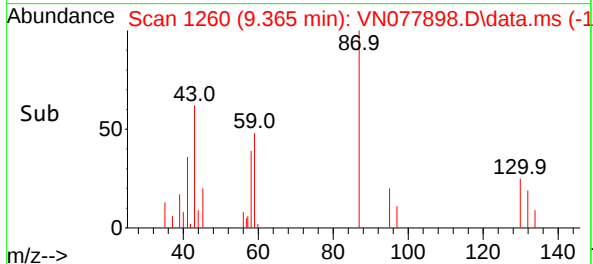
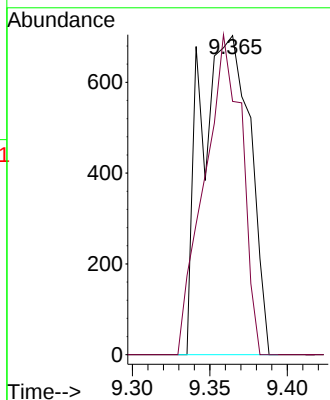
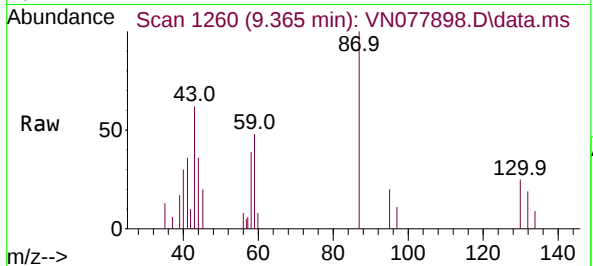




#44
 Trichloroethene
 Concen: 0.289 ug/l
 RT: 9.365 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN077898.D
 Acq: 25 May 2023 13:39

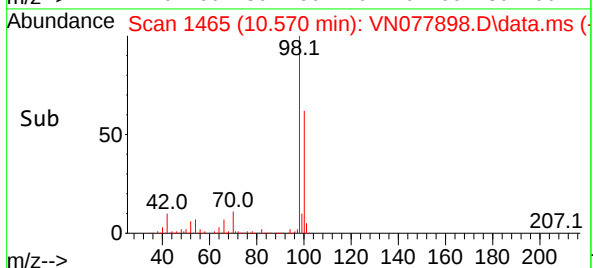
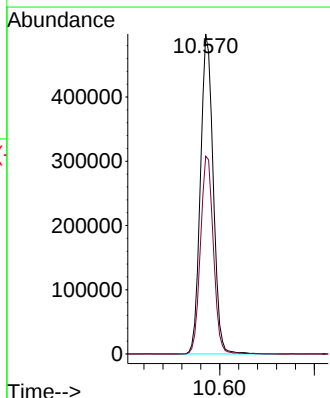
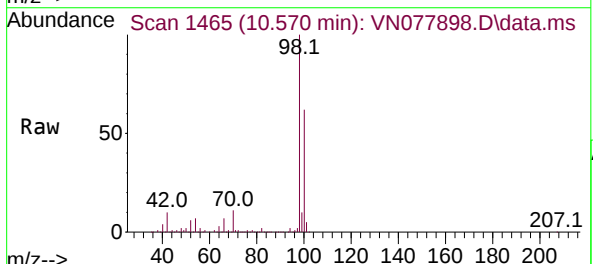
Instrument :
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 2002

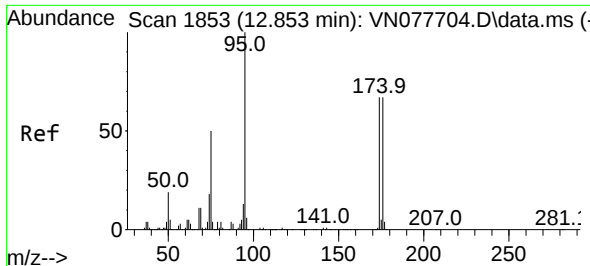
Tgt Ion:130 Resp: 1554
 Ion Ratio Lower Upper
 130 100
 95 79.4 0.0 204.6



#50
 Toluene-d8
 Concen: 49.073 ug/l
 RT: 10.570 min Scan# 1465
 Delta R.T. -0.001 min
 Lab File: VN077898.D
 Acq: 25 May 2023 13:39

Tgt Ion: 98 Resp: 928141
 Ion Ratio Lower Upper
 98 100
 100 62.7 52.0 78.0

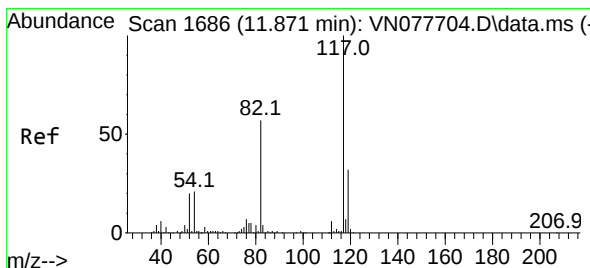
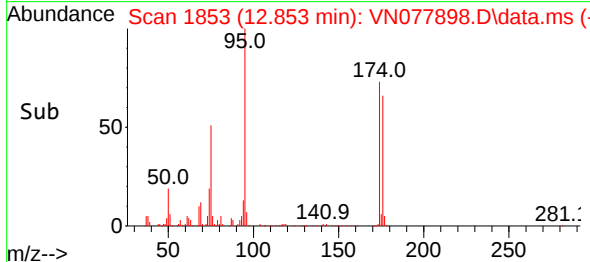
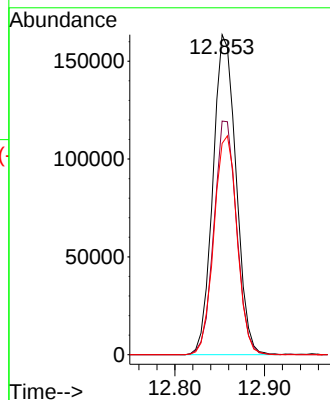
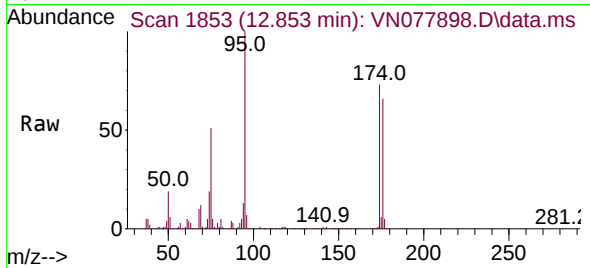




#62
4-Bromofluorobenzene
Concen: 43.787 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

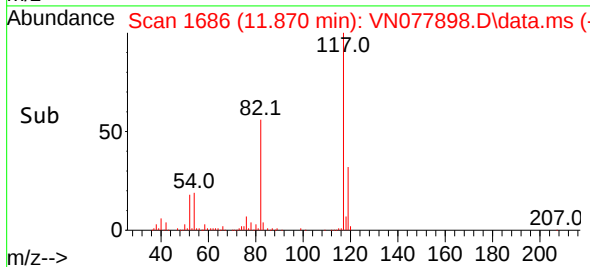
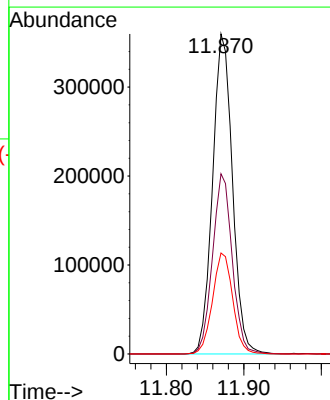
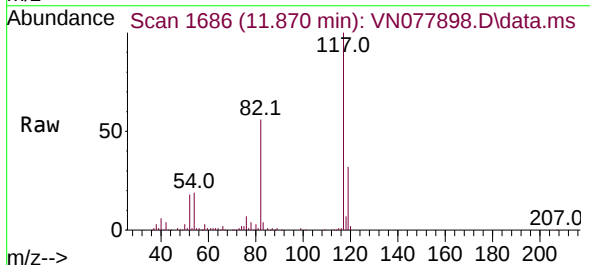
Instrument :
MSVOA_N
ClientSampleId :
2002

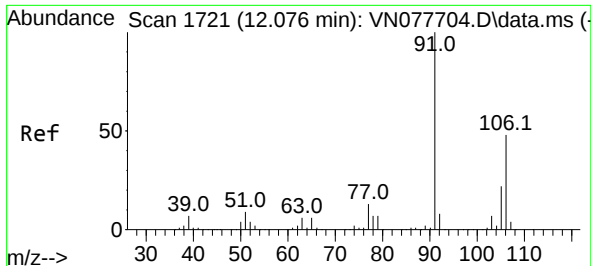
Tgt Ion: 95 Resp: 292492
Ion Ratio Lower Upper
95 100
174 71.7 0.0 143.8
176 68.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion: 117 Resp: 640496
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 31.5 25.6 38.4

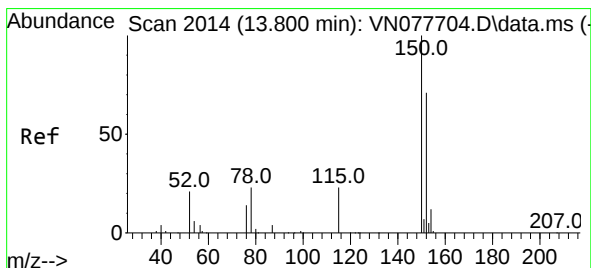
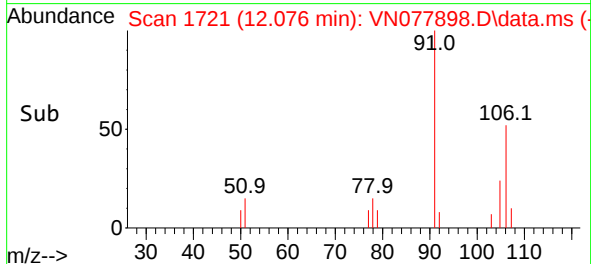
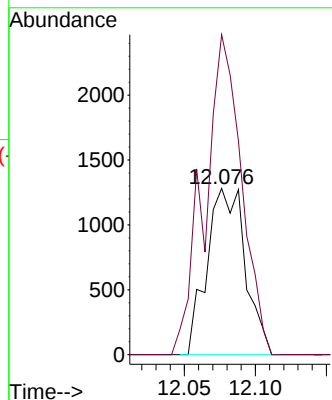
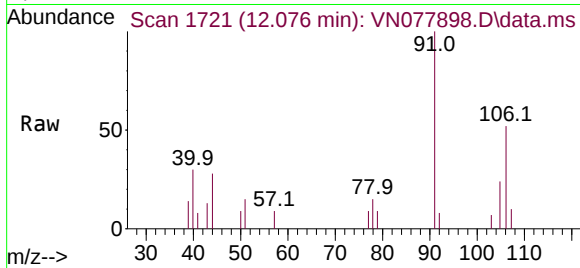




#68
m/p-Xylenes
Concen: 0.255 ug/l
RT: 12.076 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
2002

Tgt Ion:106 Resp: 2405
Ion Ratio Lower Upper
106 100
91 186.3 159.6 239.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077898.D
Acq: 25 May 2023 13:39

Tgt Ion:152 Resp: 195922
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 159.3 0.0 355.8

