

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080396.D
 Acq On : 06 Dec 2023 19:08
 Operator : JC\MD
 Sample : 05650-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50196

Quant Time: Dec 07 01:05:55 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)

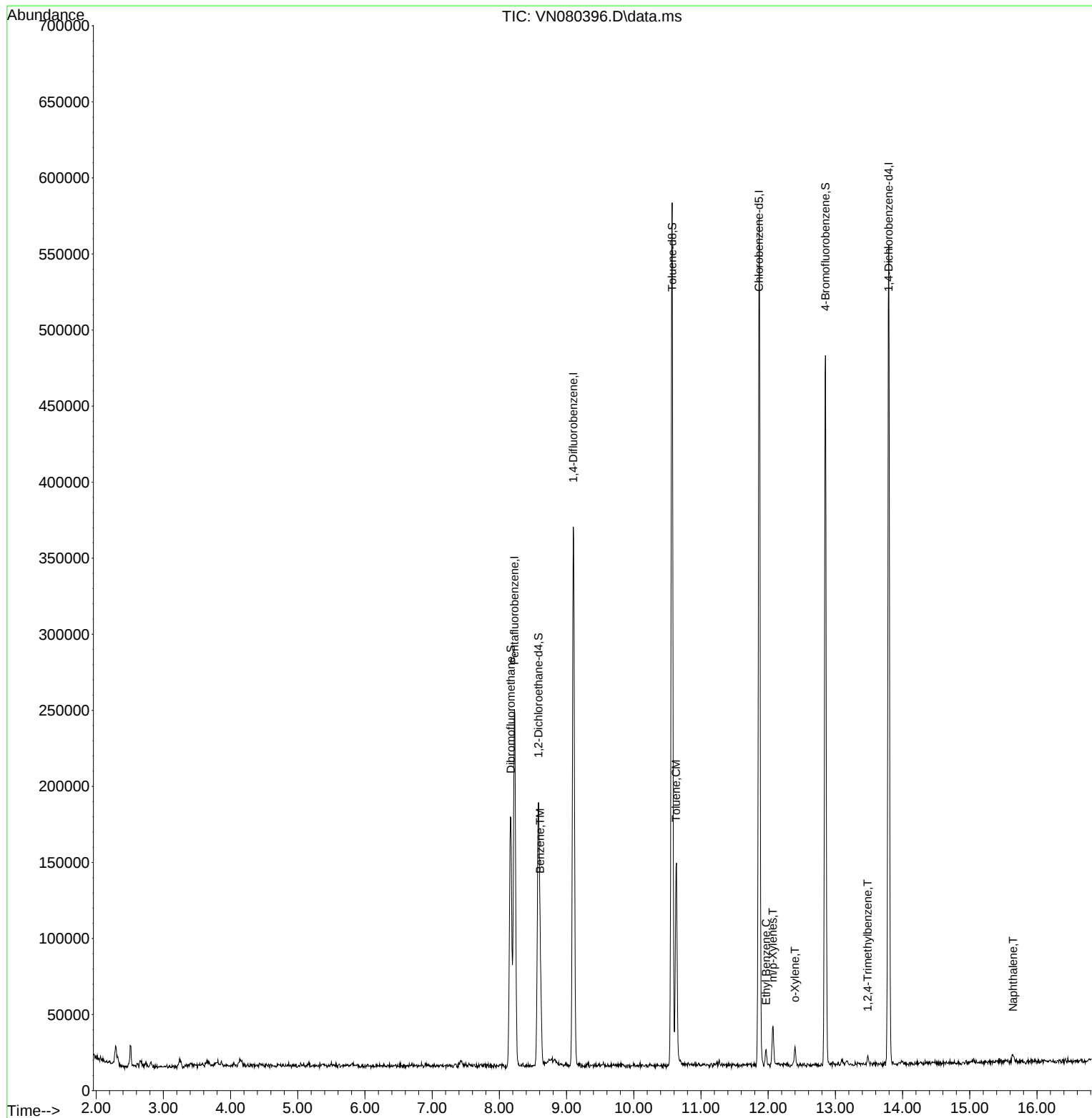
Internal Standards						
1) Pentafluorobenzene	8.224	168	168683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146763	52.693	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.380%	
35) Dibromofluoromethane	8.171	113	118375	52.906	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.820%	
50) Toluene-d8	10.571	98	398884	49.455	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.920%	
62) 4-Bromofluorobenzene	12.853	95	158320	51.968	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.940%	
Target Compounds						
						Qvalue
40) Benzene	8.606	78	64941	7.054	ug/l	97
52) Toluene	10.629	92	59494	10.326	ug/l	100
67) Ethyl Benzene	11.971	91	6240	0.477	ug/l #	83
68) m/p-Xylenes	12.071	106	7620	1.598	ug/l	87
69) o-Xylene	12.400	106	3279	0.730	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	3402	0.349	ug/l	99
95) Naphthalene	15.647	128	5864	0.703	ug/l #	94

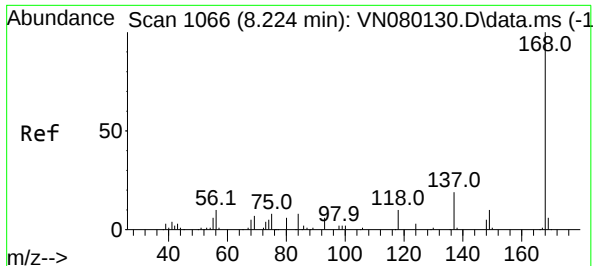
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
Data File : VN080396.D
Acq On : 06 Dec 2023 19:08
Operator : JC\MD
Sample : 05650-03 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
50196

Quant Time: Dec 07 01:05:55 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

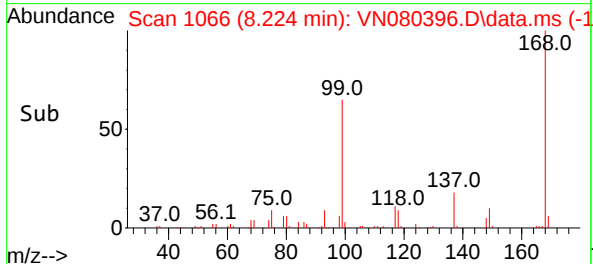
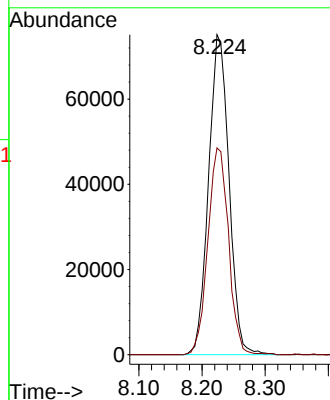
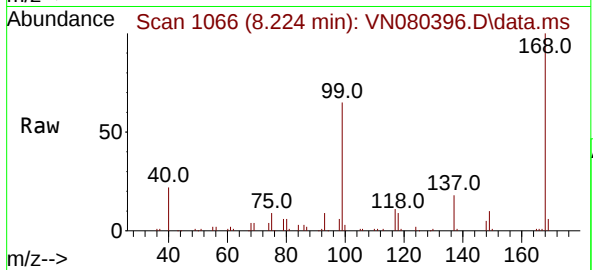




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080396.D
Acq: 06 Dec 2023 19:08

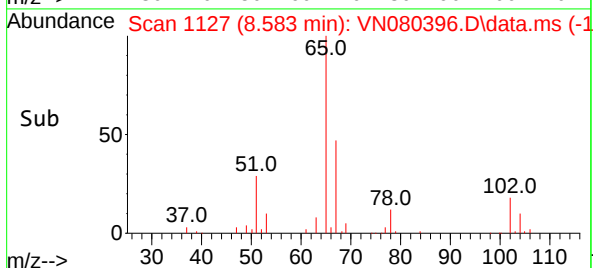
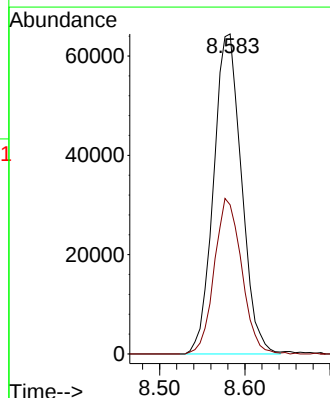
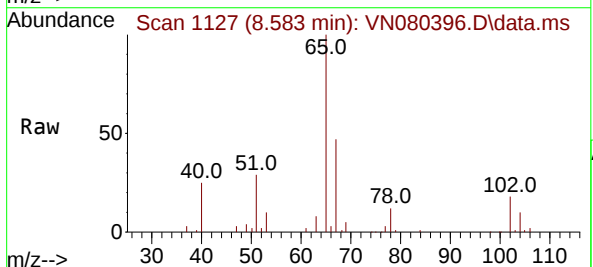
Instrument :
MSVOA_N
ClientSampleId :
50196

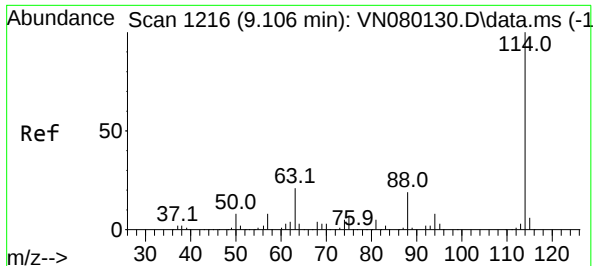
Tgt Ion:168 Resp: 168683
Ion Ratio Lower Upper
168 100
99 64.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.693 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080396.D
Acq: 06 Dec 2023 19:08

Tgt Ion: 65 Resp: 146763
Ion Ratio Lower Upper
65 100
67 47.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080396.D

Acq: 06 Dec 2023 19:08

Instrument :

MSVOA_N

ClientSampleId :

50196

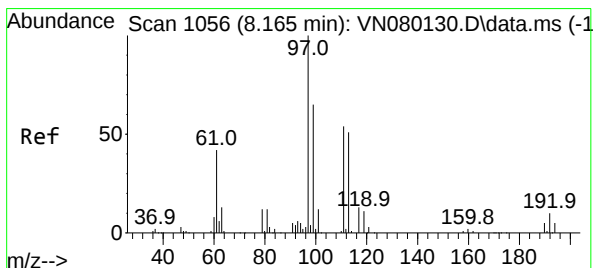
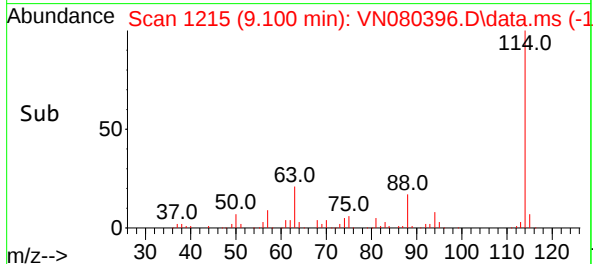
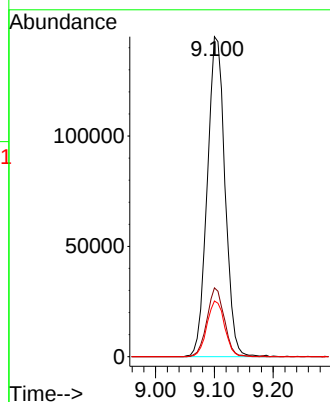
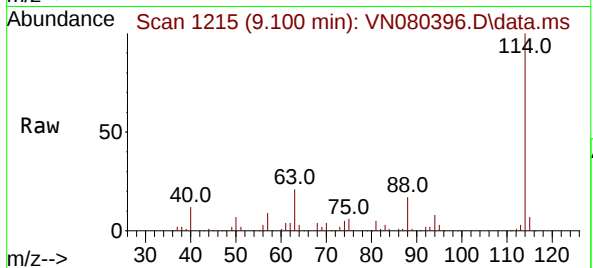
Tgt Ion:114 Resp: 303232

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 17.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.906 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080396.D

Acq: 06 Dec 2023 19:08

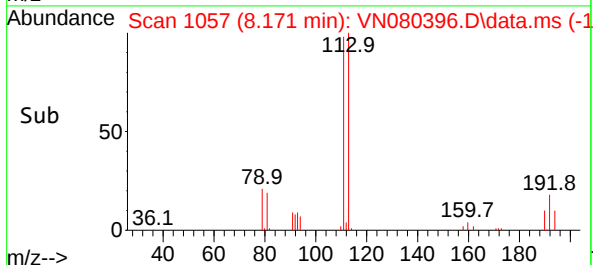
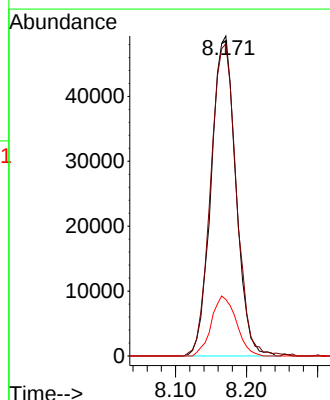
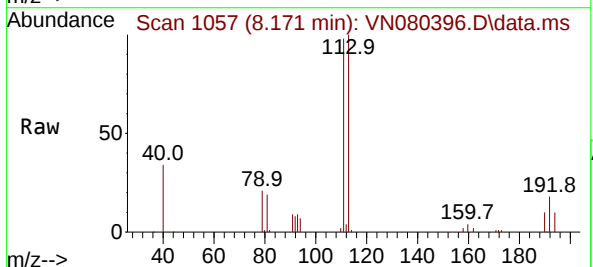
Tgt Ion:113 Resp: 118375

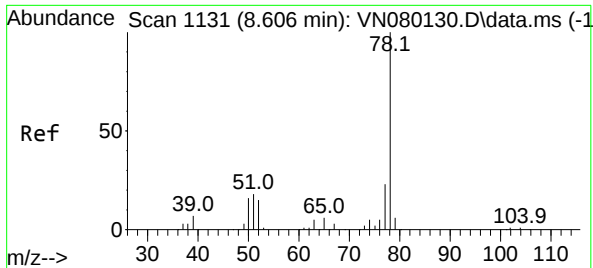
Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 19.0 12.7 19.1

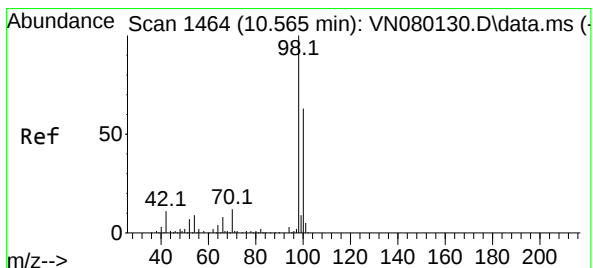
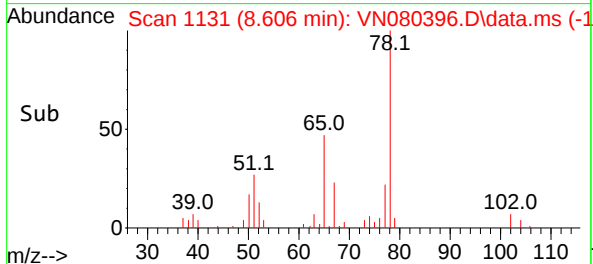
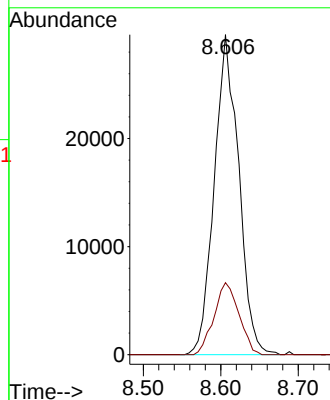
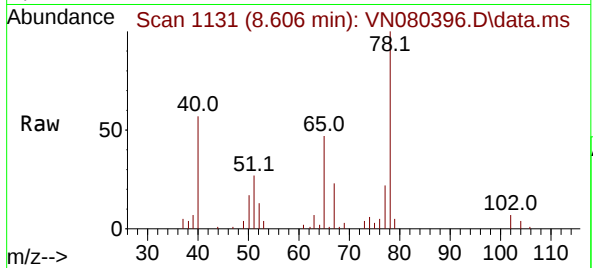




#40
Benzene
Concen: 7.054 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080396.D
Acq: 06 Dec 2023 19:08

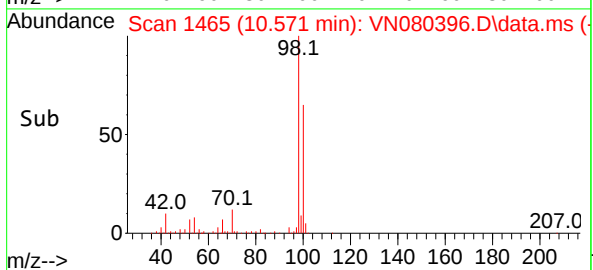
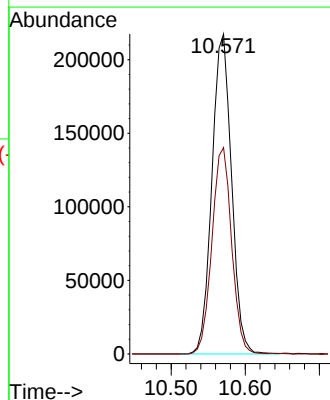
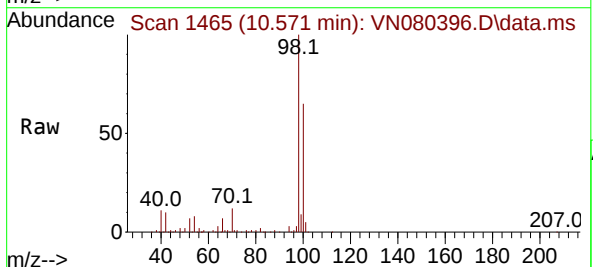
Instrument :
MSVOA_N
ClientSampleId :
50196

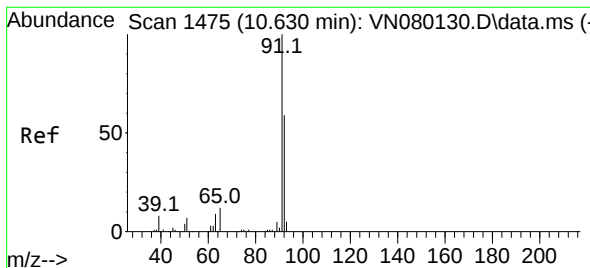
Tgt Ion: 78 Resp: 64941
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.6



#50
Toluene-d8
Concen: 49.455 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080396.D
Acq: 06 Dec 2023 19:08

Tgt Ion: 98 Resp: 398884
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





#52

Toluene

Concen: 10.326 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN080396.D

Acq: 06 Dec 2023 19:08

Instrument :

MSVOA_N

ClientSampleId :

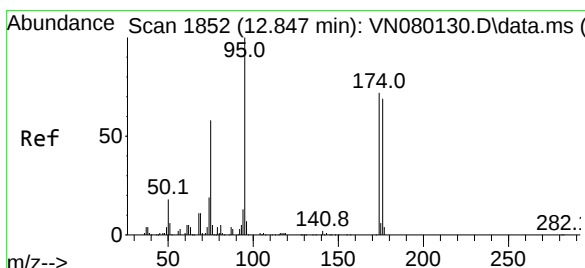
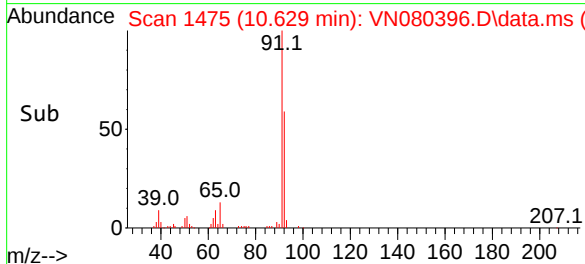
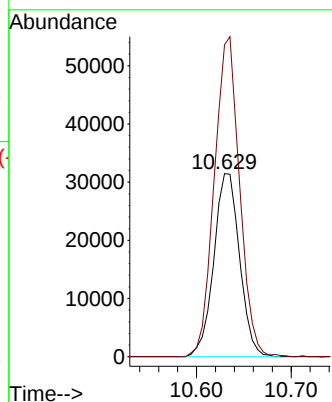
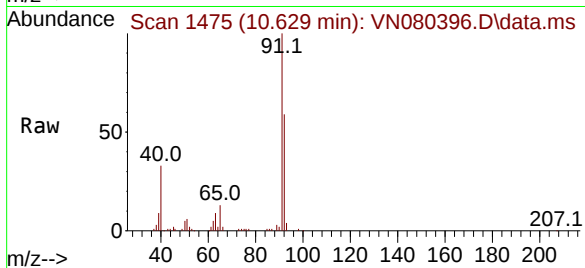
50196

Tgt Ion: 92 Resp: 59494

Ion Ratio Lower Upper

92 100

91 171.8 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 51.968 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080396.D

Acq: 06 Dec 2023 19:08

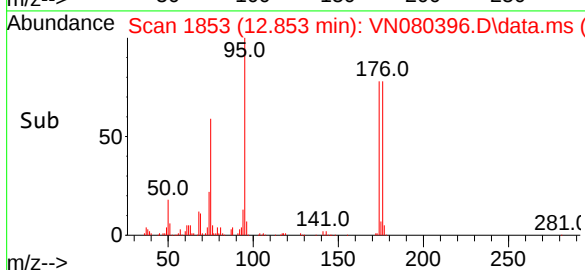
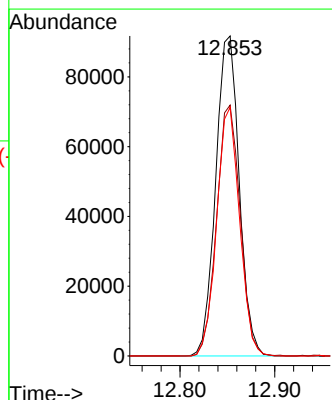
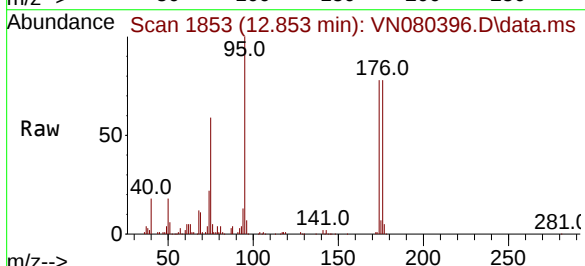
Tgt Ion: 95 Resp: 158320

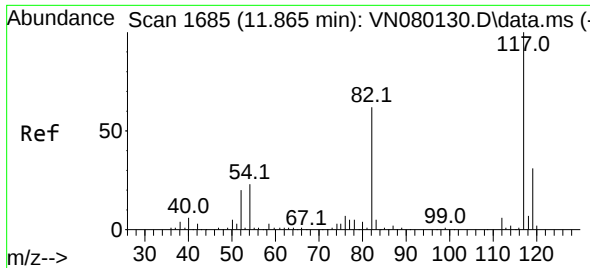
Ion Ratio Lower Upper

95 100

174 78.6 0.0 143.8

176 75.7 0.0 135.8

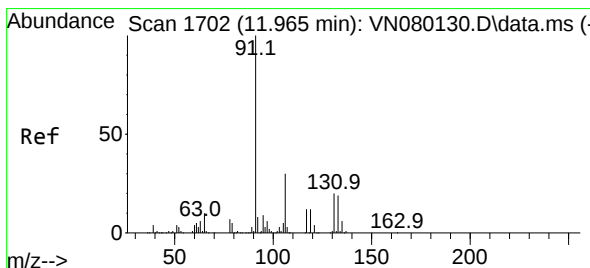
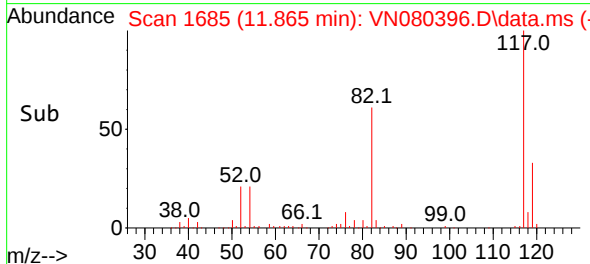
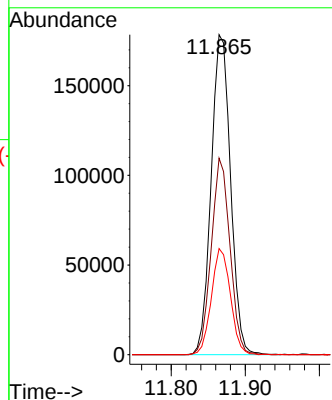
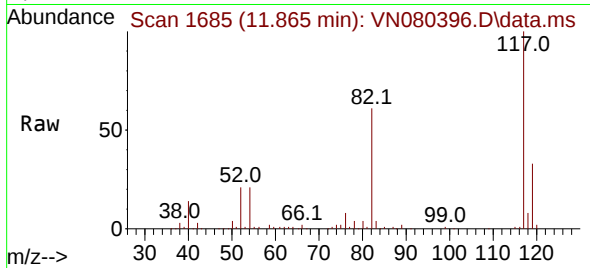




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080396.D
Acq: 06 Dec 2023 19:08

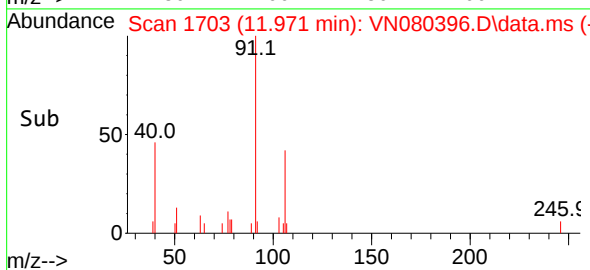
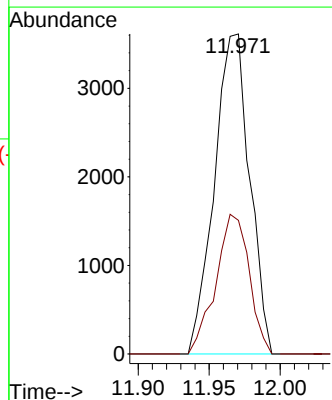
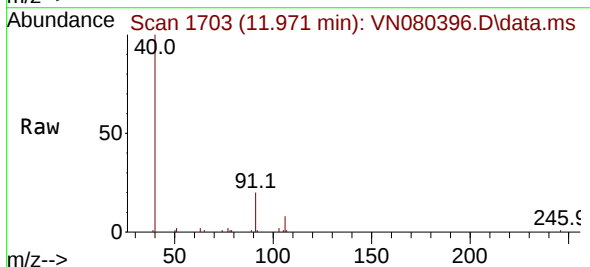
Instrument :
MSVOA_N
ClientSampleId :
50196

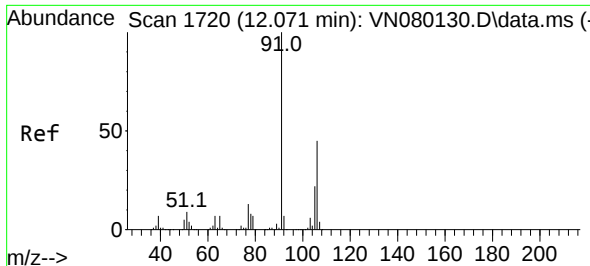
Tgt Ion:117 Resp: 324364
Ion Ratio Lower Upper
117 100
82 61.4 44.0 66.0
119 33.2 25.6 38.4



#67
Ethyl Benzene
Concen: 0.477 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN080396.D
Acq: 06 Dec 2023 19:08

Tgt Ion: 91 Resp: 6240
Ion Ratio Lower Upper
91 100
106 41.8 25.6 38.4#

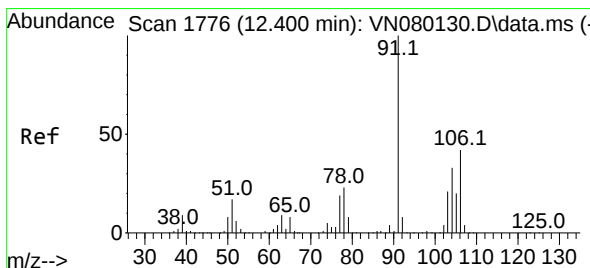
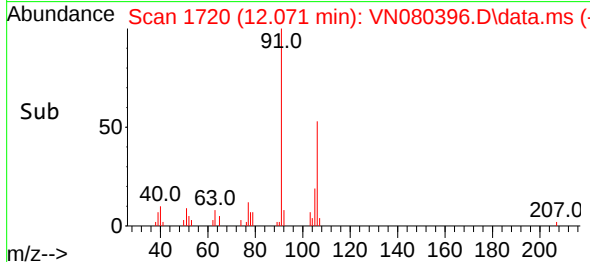
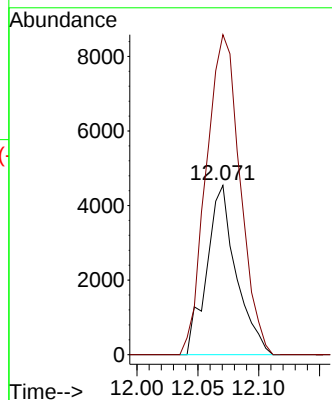
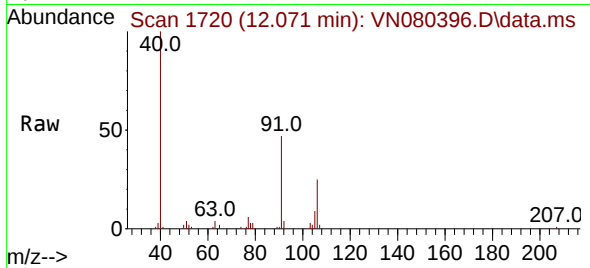




#68
m/p-Xylenes
Concen: 1.598 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080396.D
Acq: 06 Dec 2023 19:08

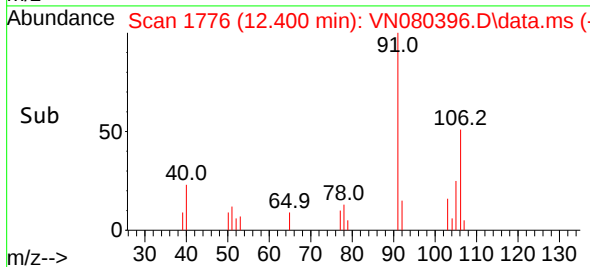
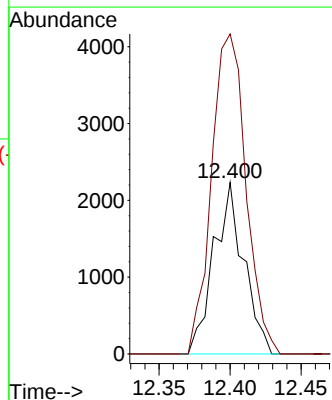
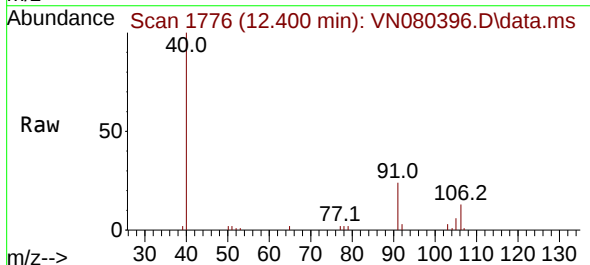
Instrument :
MSVOA_N
ClientSampleId :
50196

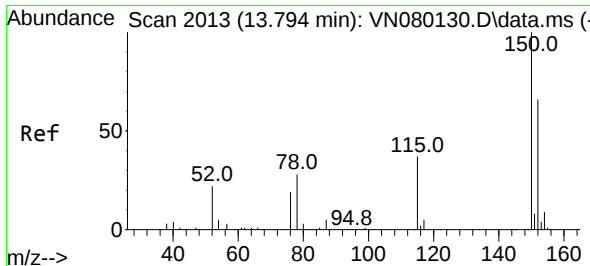
Tgt Ion:106 Resp: 7620
Ion Ratio Lower Upper
106 100
91 218.7 159.6 239.4



#69
o-Xylene
Concen: 0.730 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080396.D
Acq: 06 Dec 2023 19:08

Tgt Ion:106 Resp: 3279
Ion Ratio Lower Upper
106 100
91 214.4 105.2 315.5

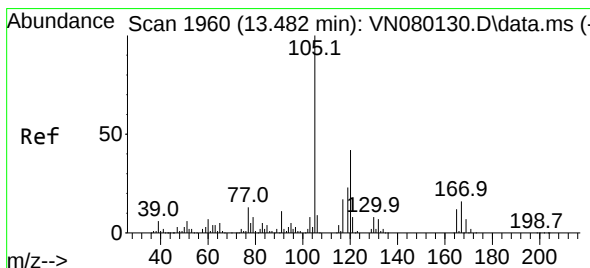
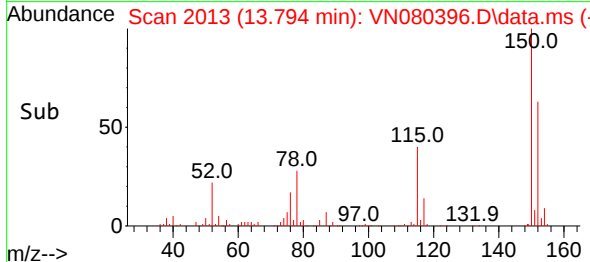
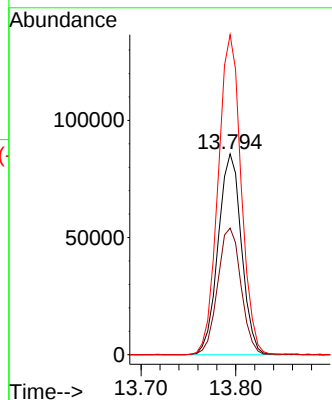
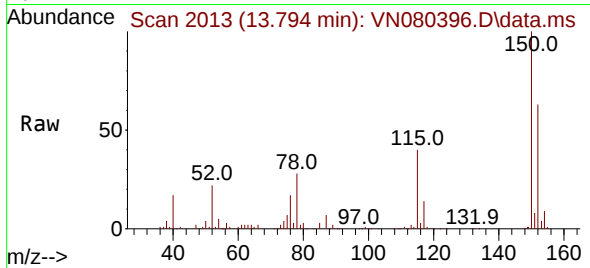




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN080396.D
 Acq: 06 Dec 2023 19:08

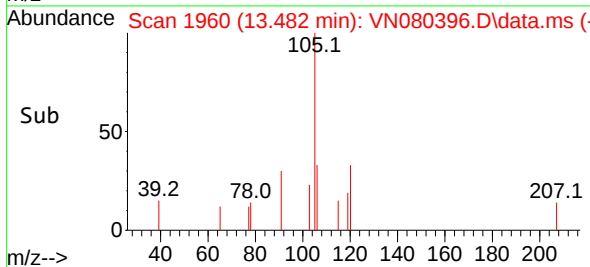
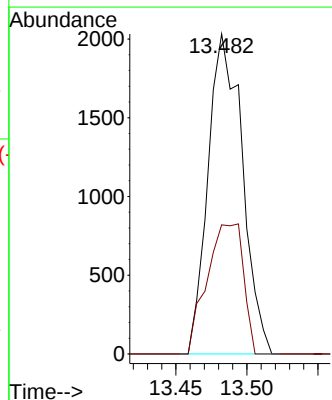
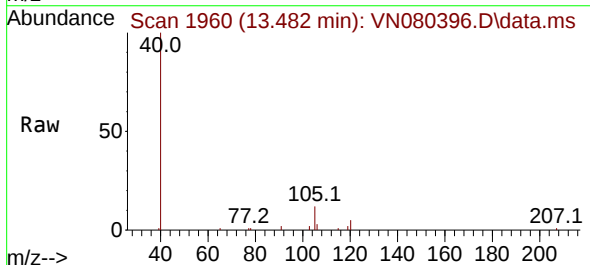
Instrument :
 MSVOA_N
 ClientSampleId :
 50196

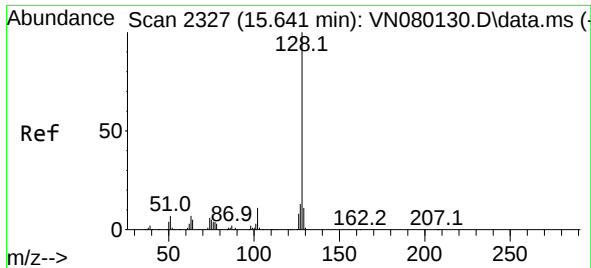
Tgt Ion:152 Resp: 146431
 Ion Ratio Lower Upper
 152 100
 115 63.4 32.3 96.8
 150 157.3 0.0 355.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.349 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN080396.D
 Acq: 06 Dec 2023 19:08

Tgt Ion:105 Resp: 3402
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.0 66.0





#95

Naphthalene

Concen: 0.703 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080396.D

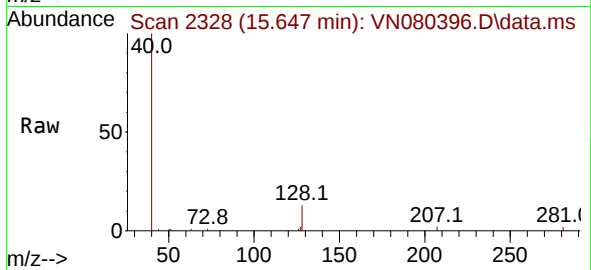
Acq: 06 Dec 2023 19:08

Instrument :

MSVOA_N

ClientSampleId :

50196



Tgt Ion:128 Resp: 5864

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

129 6.0 8.7 13.1#

