

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
 Data File : VN060907.D
 Acq On : 8 Apr 2020 17:33
 Operator : JC/MD
 Sample : L2185-01 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30773

Quant Time: Apr 09 09:20:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

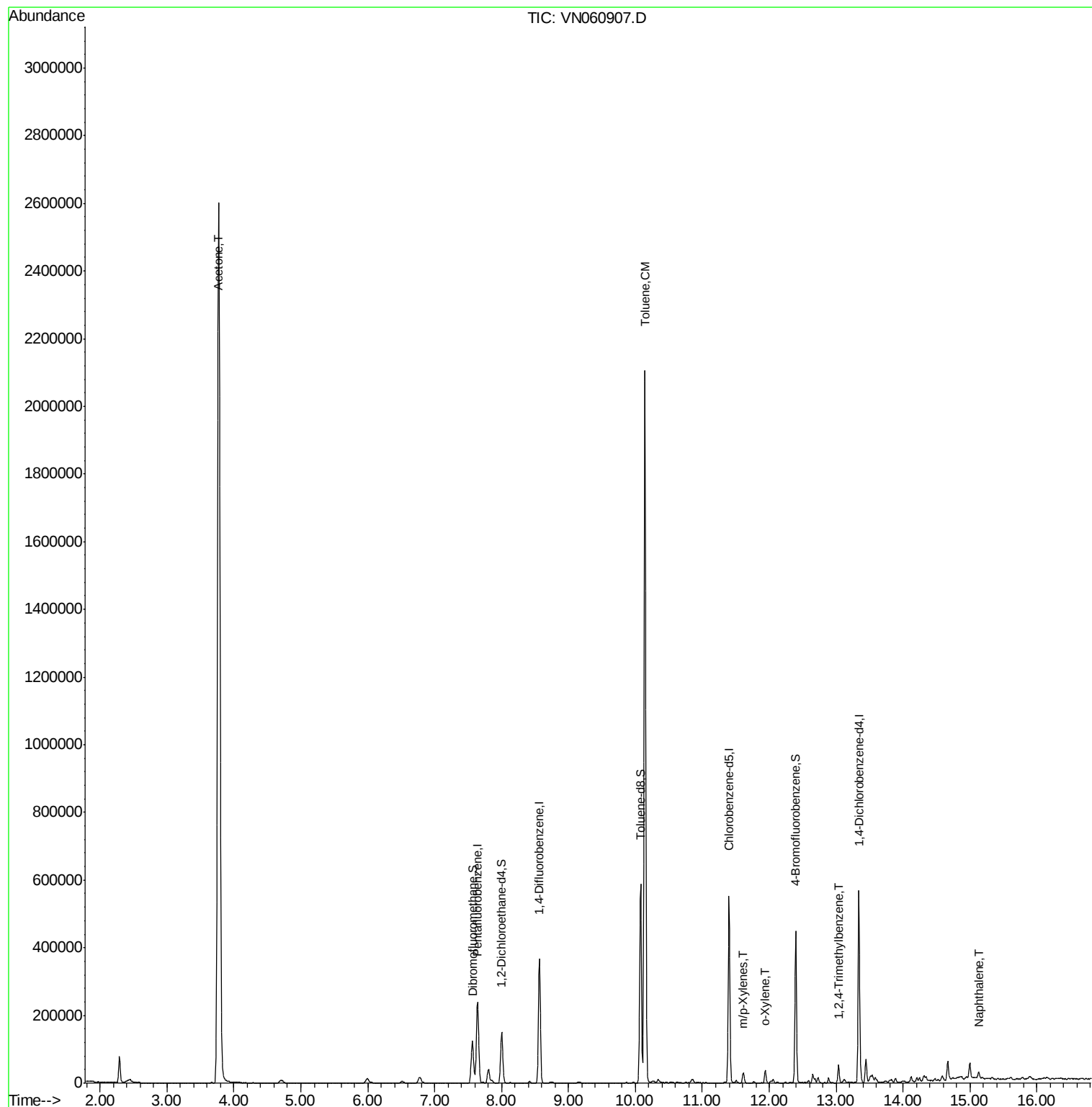
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	326058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	311111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	146527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127561	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
35) Dibromofluoromethane	7.56	113	93898	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	10.08	98	405498	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.40	95	155023	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
Target Compounds						
16) Acetone	3.77	43	4344505	4559.907	ug/l	95
52) Toluene	10.14	92	926854	161.022	ug/l	99
68) m/p-Xylenes	11.61	106	9451	2.217	ug/l	97
69) o-Xylene	11.94	106	5826	1.432	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	30544	3.309	ug/l	100
95) Naphthalene	15.13	128	18243	2.210	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060907.D

Acq: 8 Apr 2020 17:33

Instrument :

MSVOA_N

ClientSampleId :

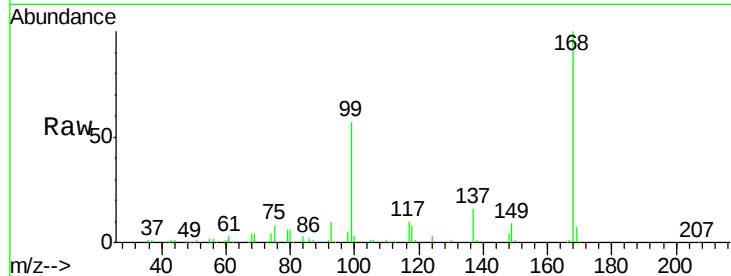
30773

Tot Ion:168 Resp: 195935

Ion Ratio Lower Upper

168 100

99 57.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060907.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN060907.D (-1733) (-)

7.64

80000

60000

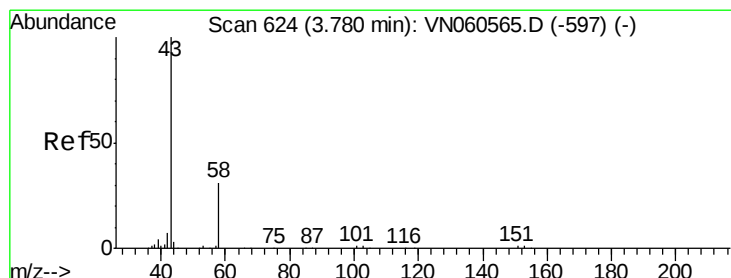
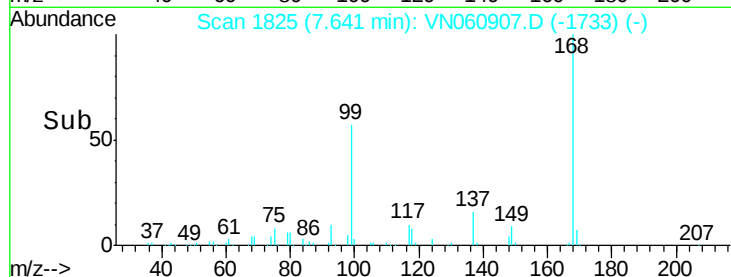
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 4559.907 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.01 min

Lab File: VN060907.D

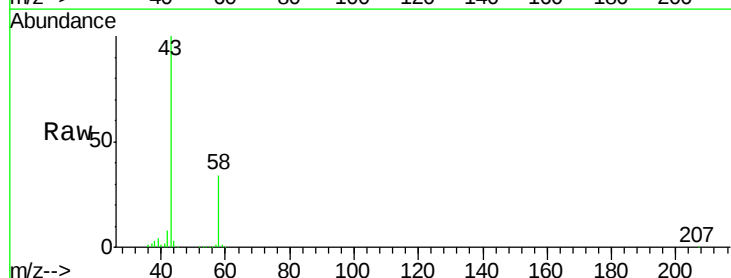
Acq: 8 Apr 2020 17:33

Tgt Ion: 43 Resp: 4344505

Ion Ratio Lower Upper

43 100

58 34.4 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060907.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060907.D (-531) (-)

3.77

1500000

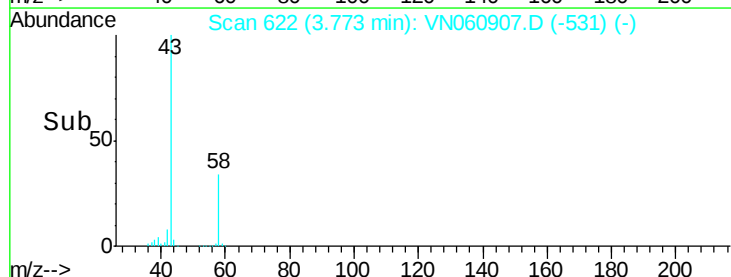
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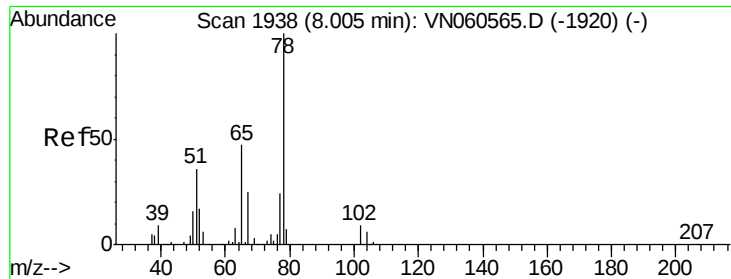
500000

0

3.60 3.80 4.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.425 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060907.D

Acq: 8 Apr 2020 17:33

Instrument :

MSVOA_N

ClientSampled :

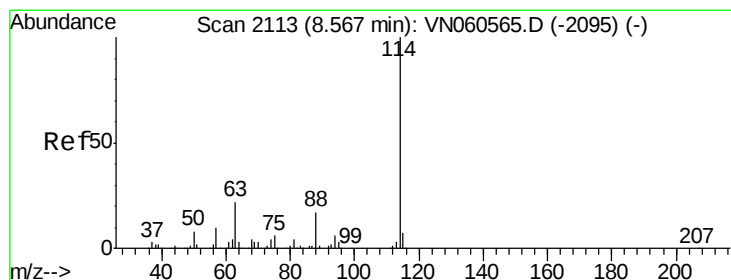
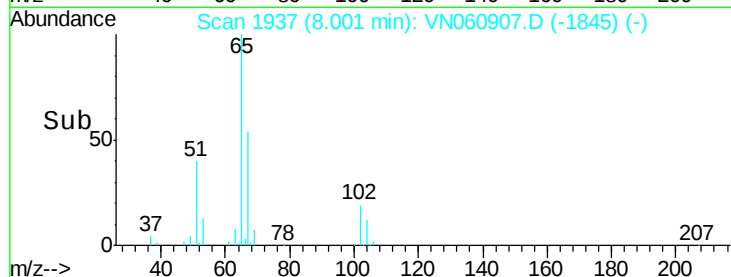
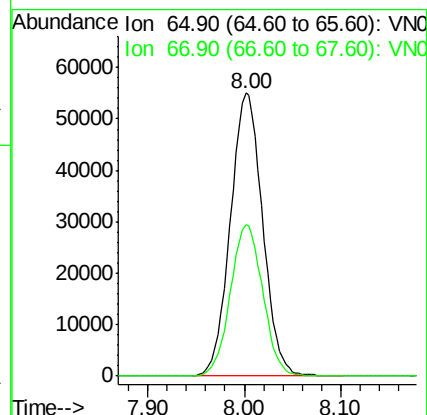
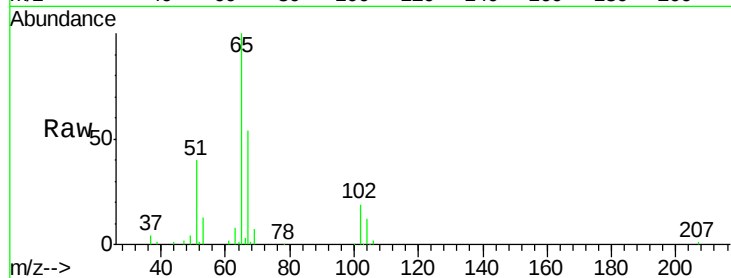
30773

Tot Ion: 65 Resp: 127561

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060907.D

Acq: 8 Apr 2020 17:33

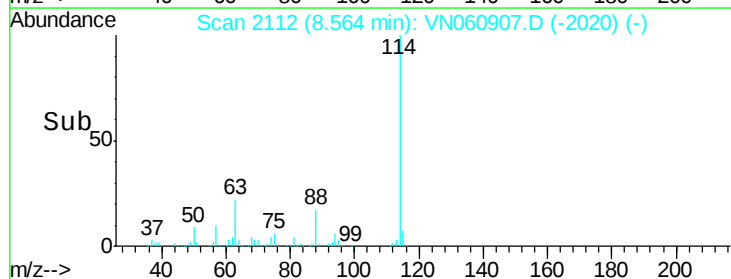
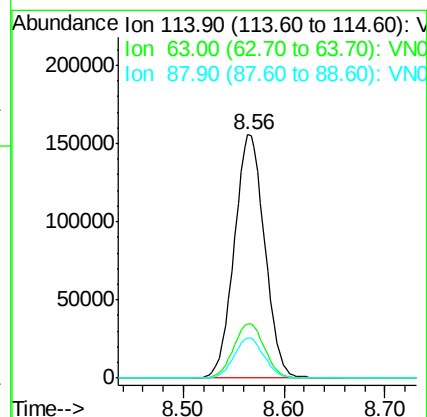
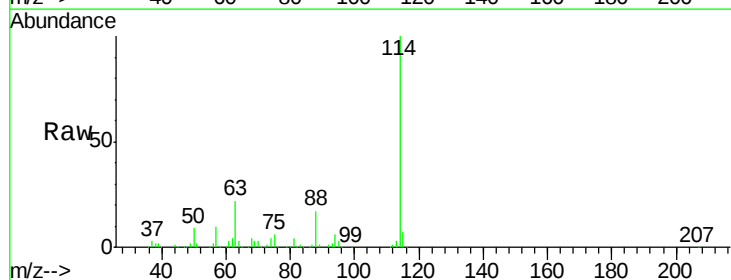
Tgt Ion: 114 Resp: 326058

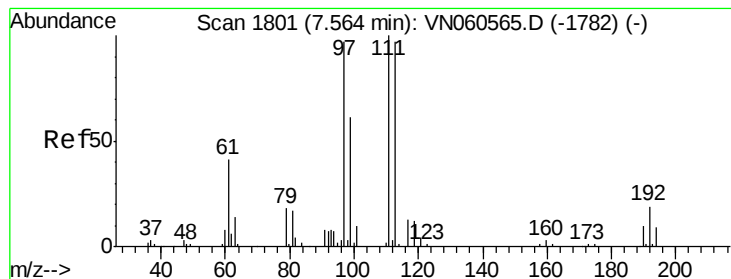
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.8

88 16.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.626 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060907.D

Acq: 8 Apr 2020 17:33

Instrument :

MSVOA_N

ClientSampled :

30773

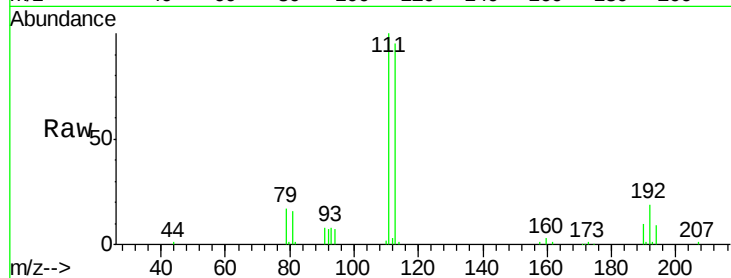
Tot Ion:113 Resp: 93898

Ion Ratio Lower Upper

113 100

111 104.8 82.9 124.3

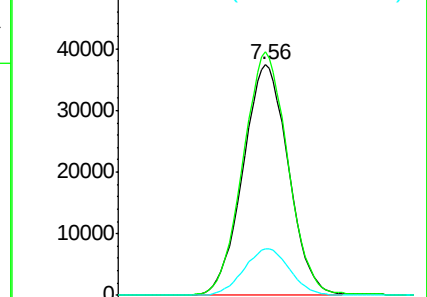
192 20.5 15.8 23.8



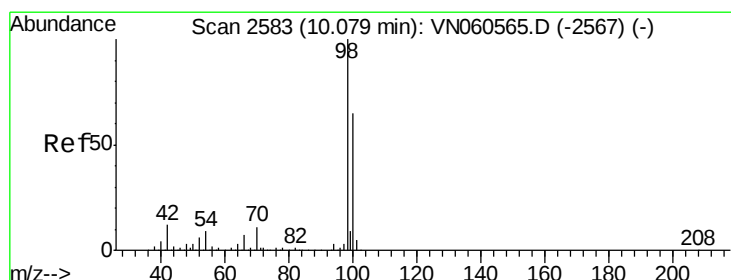
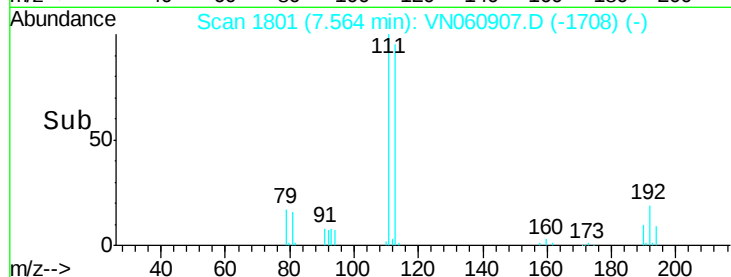
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time--> 7.45 7.50 7.55 7.60 7.65



#50

Toluene-d8

Concen: 50.353 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060907.D

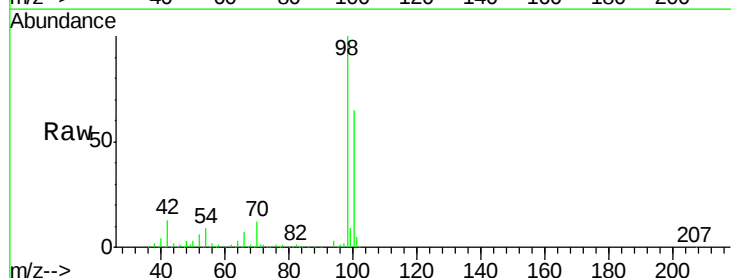
Acq: 8 Apr 2020 17:33

Tgt Ion: 98 Resp: 405498

Ion Ratio Lower Upper

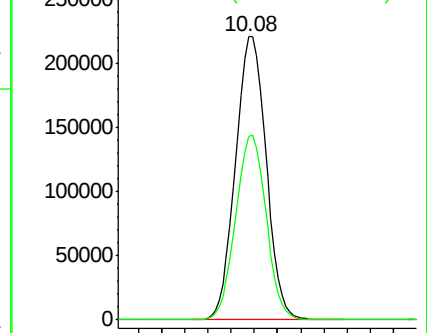
98 100

100 64.8 51.8 77.8

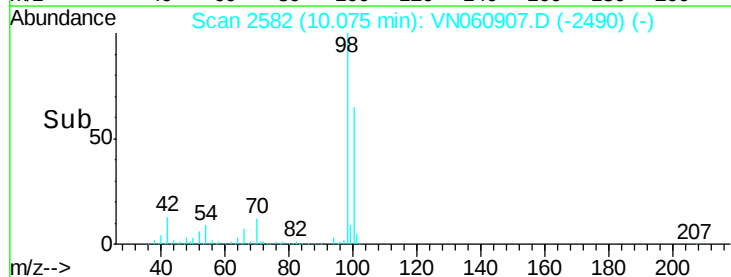


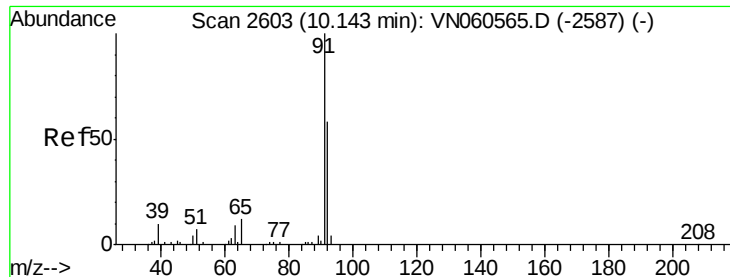
Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



Time--> 10.00 10.10





#52

Toluene

Concen: 161.022 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060907.D

Acq: 8 Apr 2020 17:33

Instrument :

MSVOA_N

ClientSampleId :

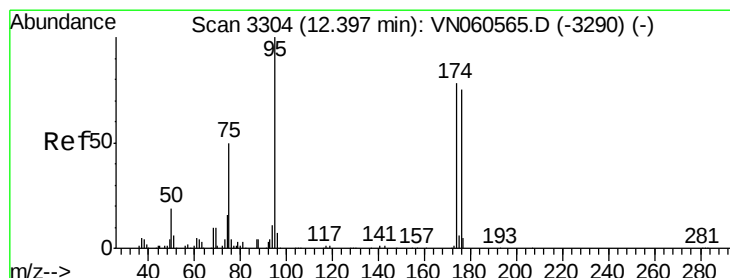
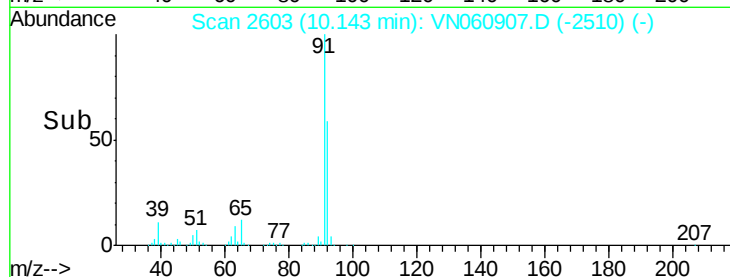
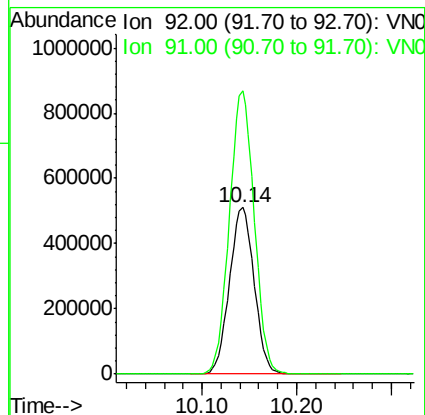
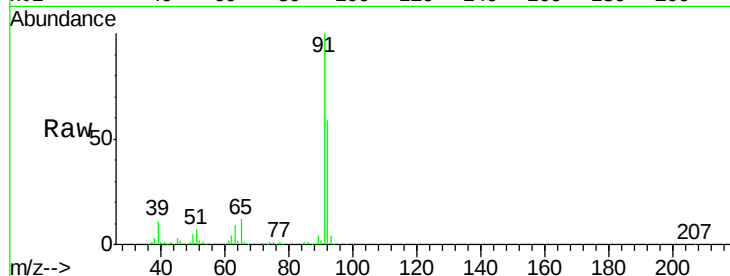
30773

Tot Ion: 92 Resp: 926854

Ion Ratio Lower Upper

92 100

91 171.0 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 52.526 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060907.D

Acq: 8 Apr 2020 17:33

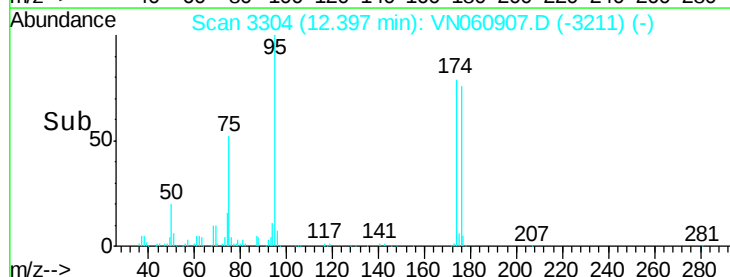
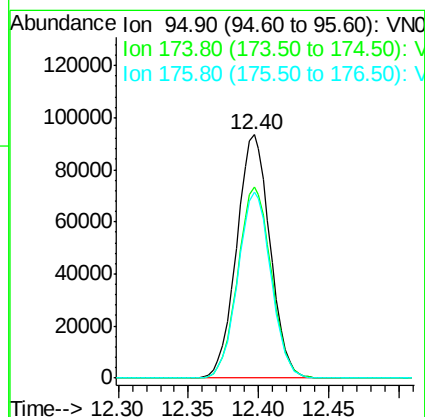
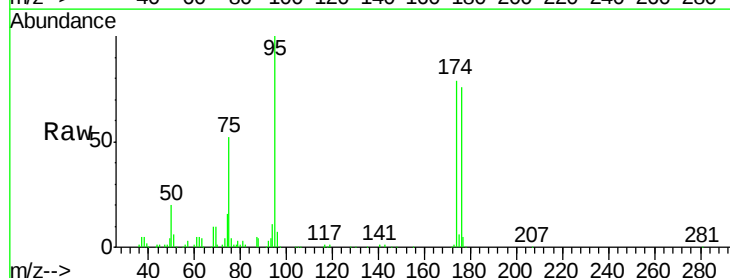
Tgt Ion: 95 Resp: 155023

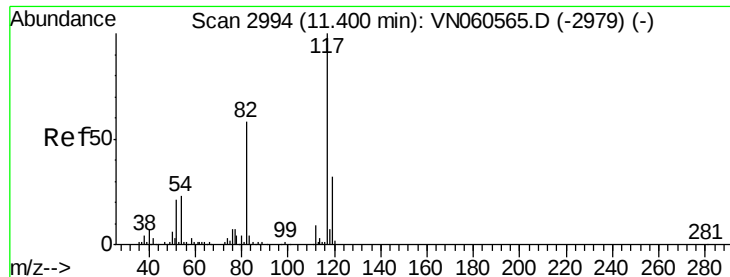
Ion Ratio Lower Upper

95 100

174 78.8 0.0 157.6

176 76.0 0.0 150.6

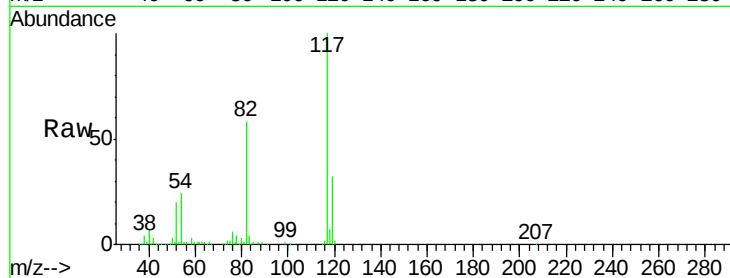




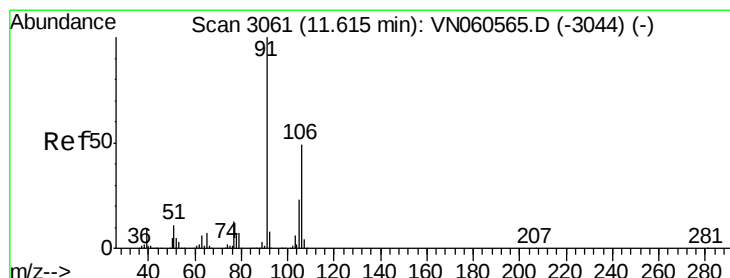
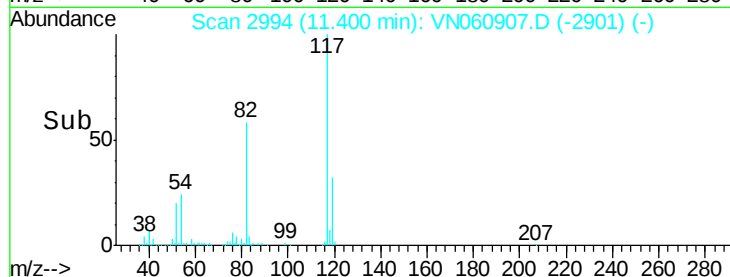
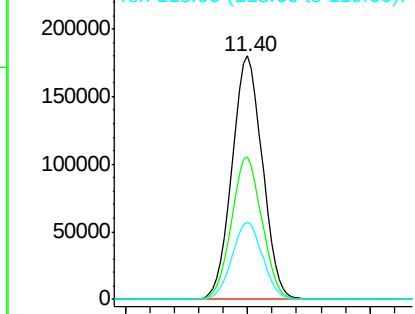
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060907.D
Acq: 8 Apr 2020 17:33

Instrument :
MSVOA_N
ClientSampleId :
30773

Tot Ion:117 Resp: 311111
Ion Ratio Lower Upper
117 100
82 58.4 46.7 70.1
119 31.7 25.5 38.3

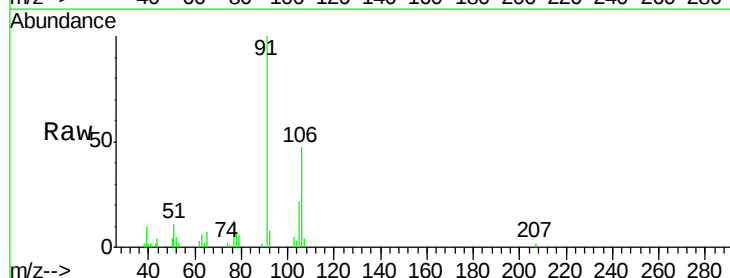


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

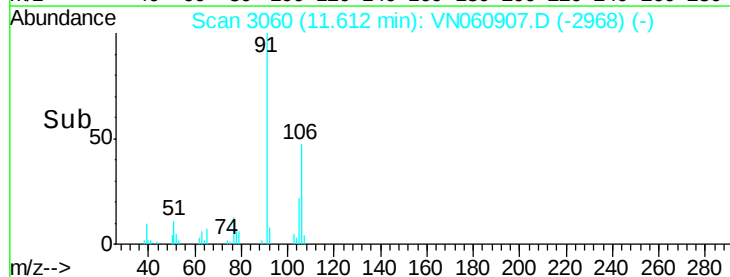
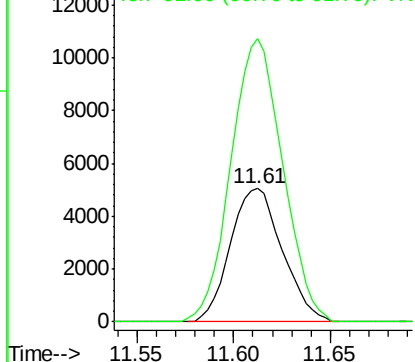


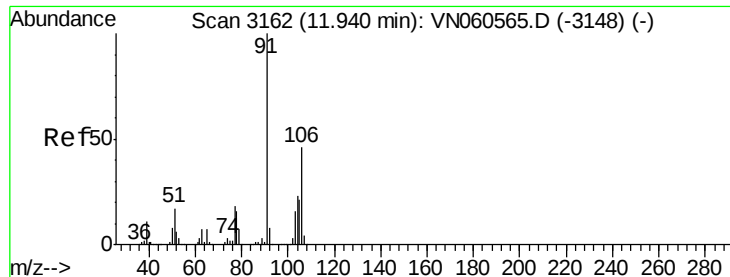
#68
m/p-Xylenes
Concen: 2.217 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060907.D
Acq: 8 Apr 2020 17:33

Tgt Ion:106 Resp: 9451
Ion Ratio Lower Upper
106 100
91 211.3 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

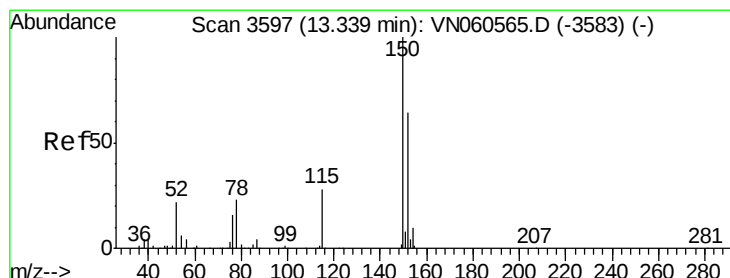
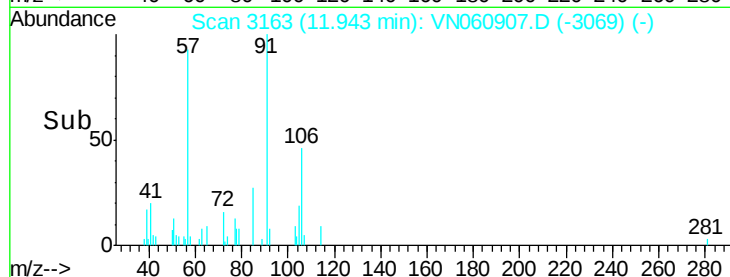
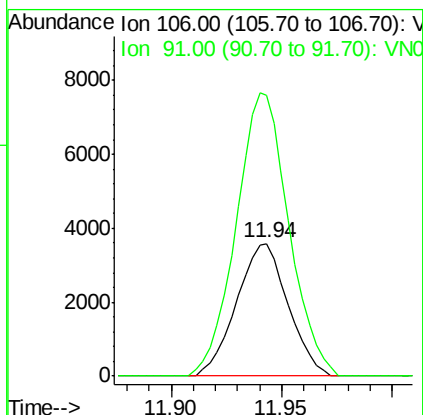
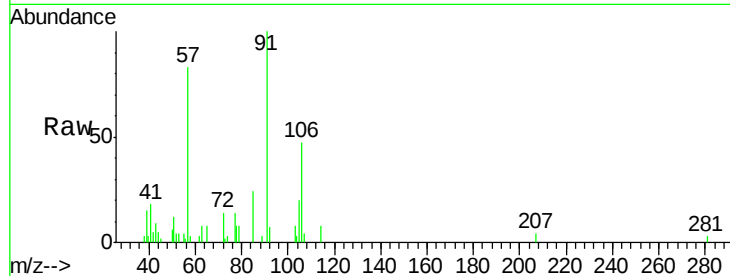




#69
o-Xylene
Concen: 1.432 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060907.D
Acq: 8 Apr 2020 17:33

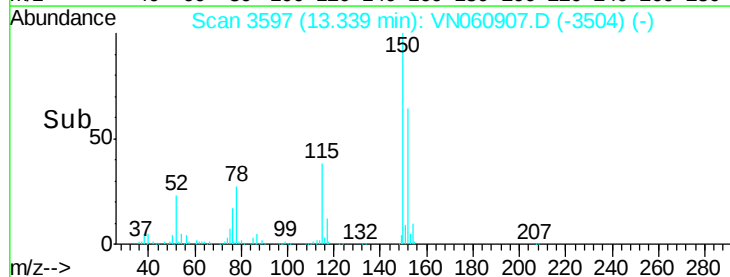
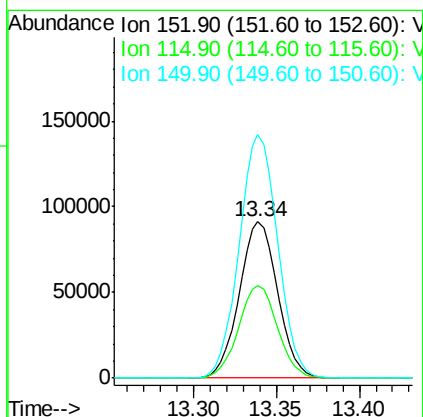
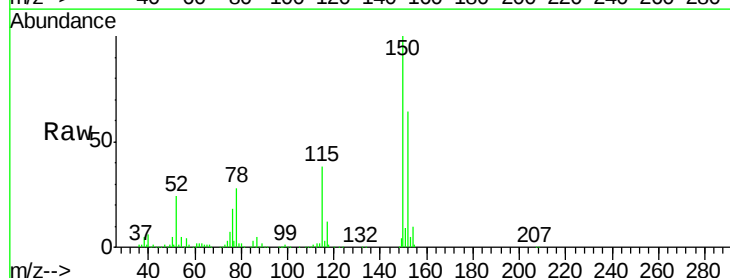
Instrument :
MSVOA_N
ClientSampled :
30773

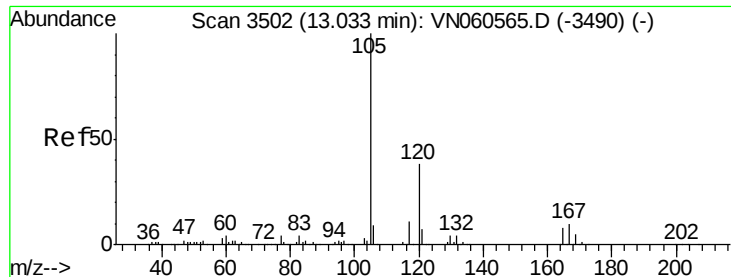
Tot Ion:106 Resp: 5826
Ion Ratio Lower Upper
106 100
91 217.6 109.5 328.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060907.D
Acq: 8 Apr 2020 17:33

Tgt Ion:152 Resp: 146527
Ion Ratio Lower Upper
152 100
115 60.2 30.2 90.6
150 157.2 0.0 350.2





#84

1,2,4-Trimethylbenzene

Concen: 3.309 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060907.D

Acq: 8 Apr 2020 17:33

Instrument :

MSVOA_N

ClientSampled :

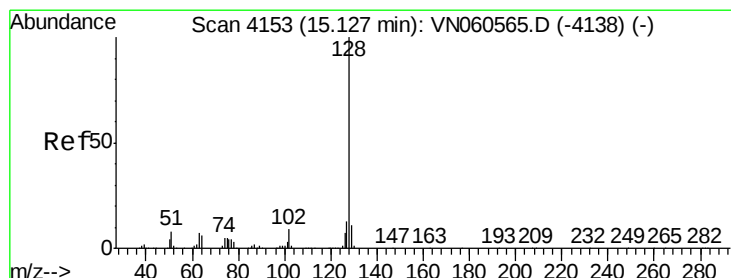
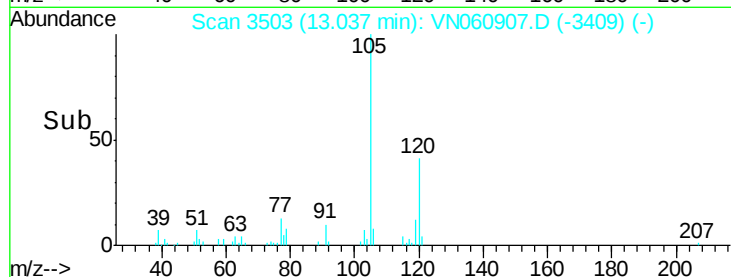
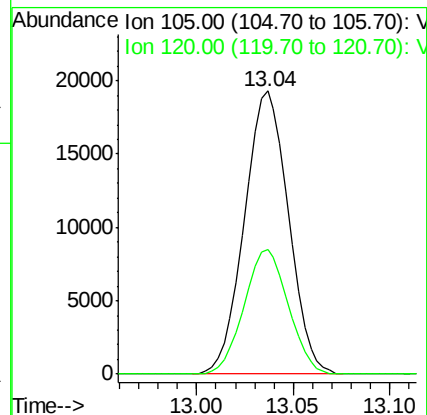
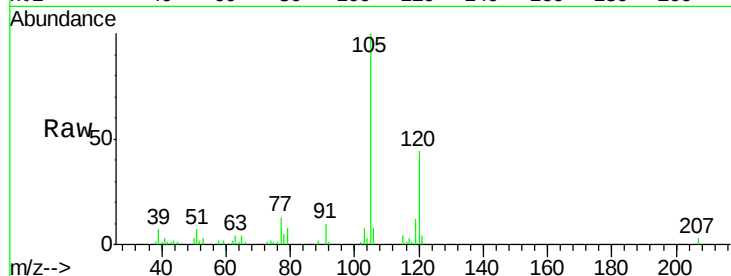
30773

Tot Ion:105 Resp: 30544

Ion Ratio Lower Upper

105 100

120 44.1 22.1 66.5



#95

Naphthalene

Concen: 2.210 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN060907.D

Acq: 8 Apr 2020 17:33

Tgt Ion:128 Resp: 18243

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.0 8.8 13.2

