

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060612.D
 Acq On : 18 Mar 2020 23:58
 Operator : JC/MD
 Sample : L1966-01 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TEST-PIT-3

Quant Time: Mar 19 08:43:20 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	207896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	344110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	317216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141112	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	132566	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
35) Dibromofluoromethane	7.56	113	101081	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	10.08	98	421514	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.40	95	156058	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

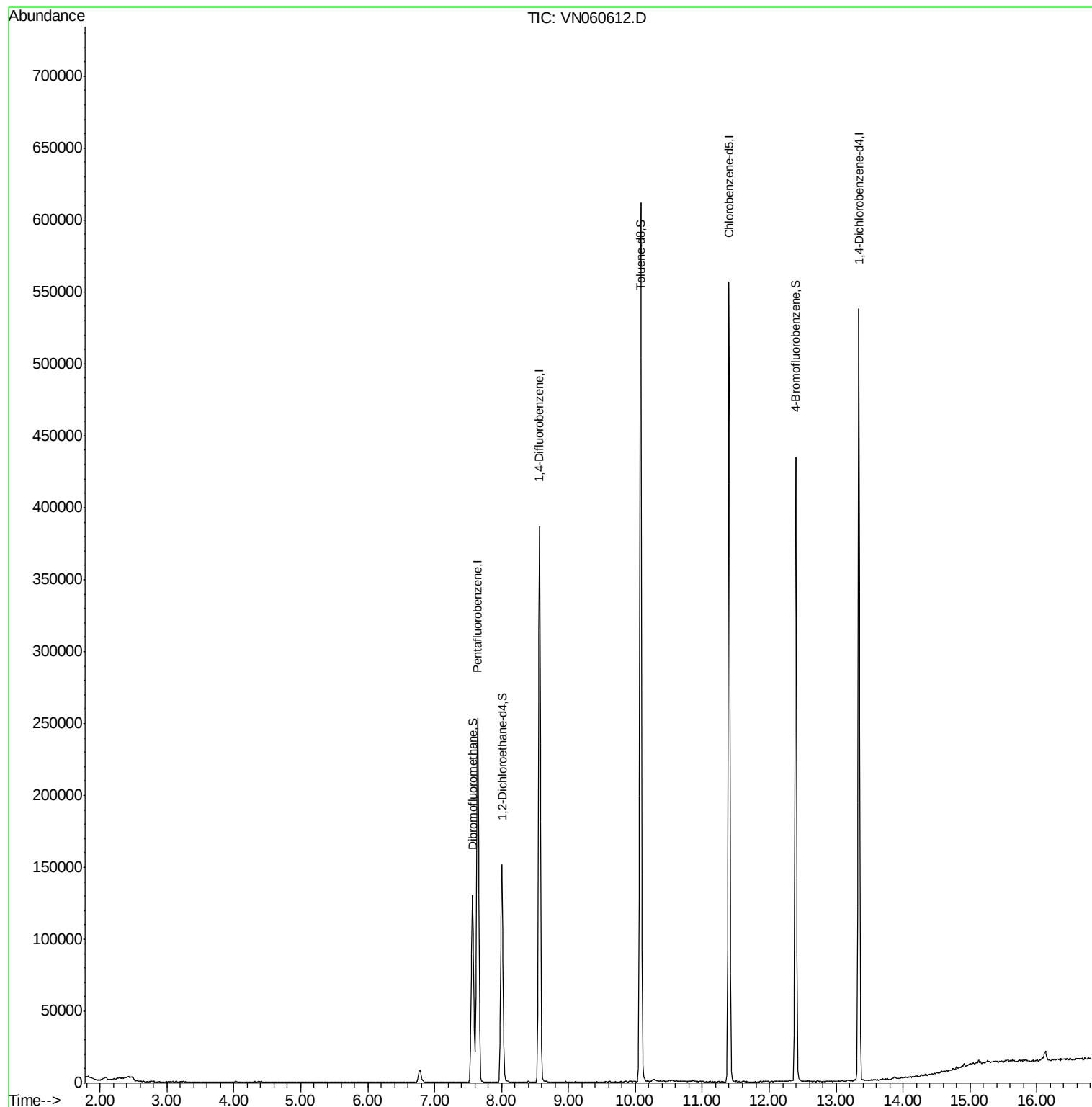
Target Compounds	Qvalue

(#) = 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# 1826

Delta R.T. -0.00 min

Lab File: VN060612.D

Acq: 18 Mar 2020 23:58

Instrument :

MSVOA_N

ClientSampleId :

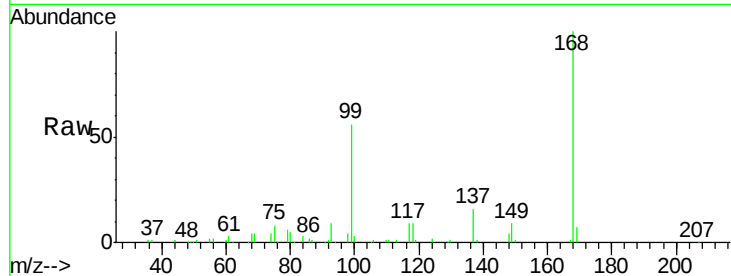
TEST-PIT-3

Tot Ion:168 Resp: 207896

Ion Ratio Lower Upper

168 100

99 55.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

40000

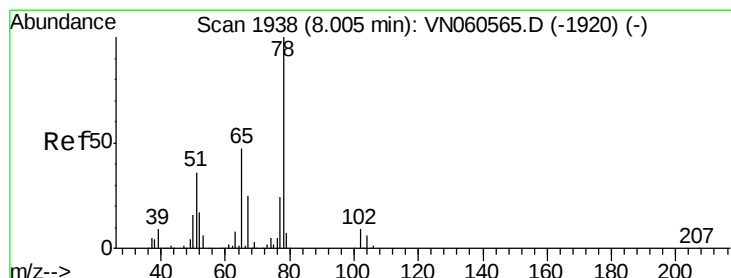
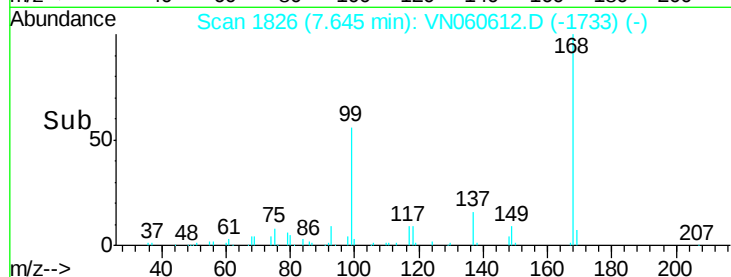
20000

0

7.60

7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.450 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060612.D

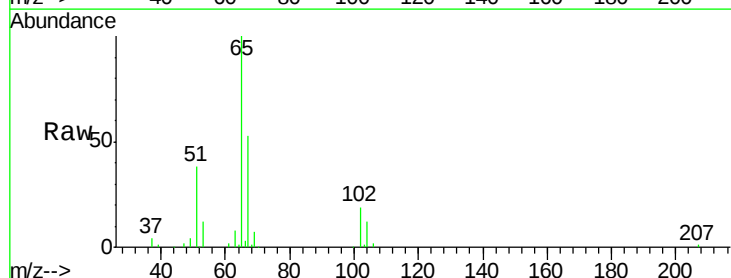
Acq: 18 Mar 2020 23:58

Tgt Ion: 65 Resp: 132566

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.00

60000

50000

40000

30000

20000

10000

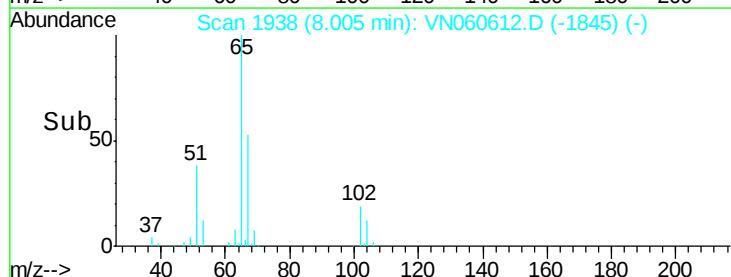
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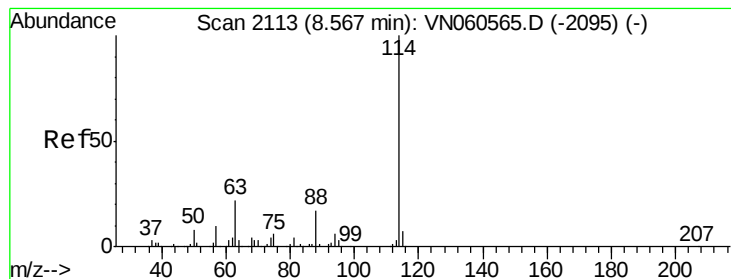
7.90

8.00

8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060612.D

Acq: 18 Mar 2020 23:58

Instrument :

MSVOA_N

ClientSampleId :

TEST-PIT-3

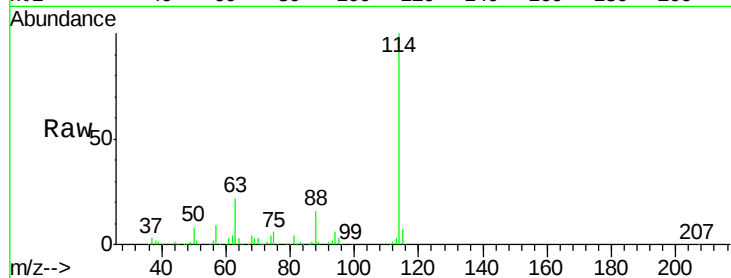
Tot Ion:114 Resp: 344110

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.8

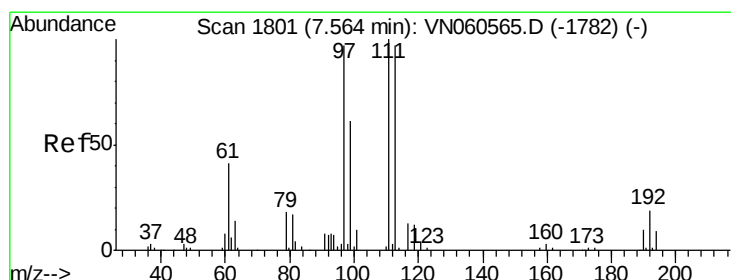
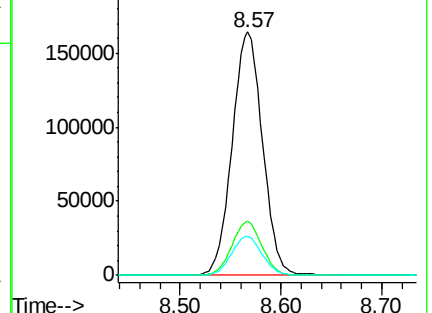
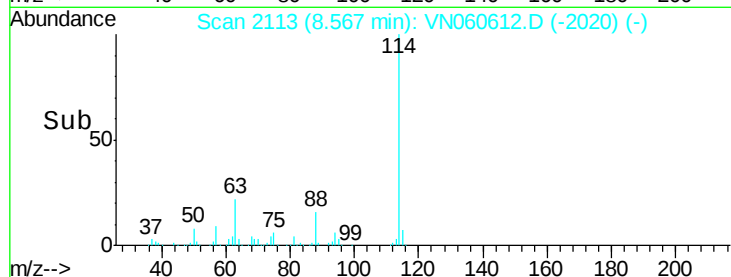
88 16.1 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.580 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060612.D

Acq: 18 Mar 2020 23:58

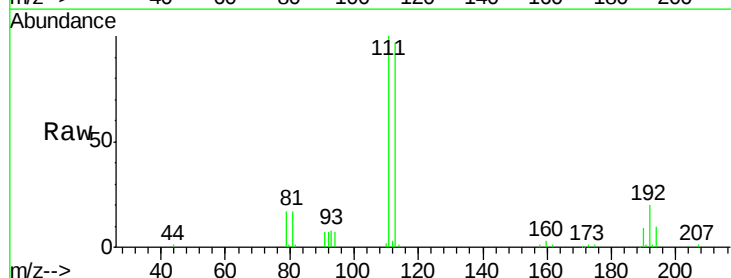
Tgt Ion:113 Resp: 101081

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

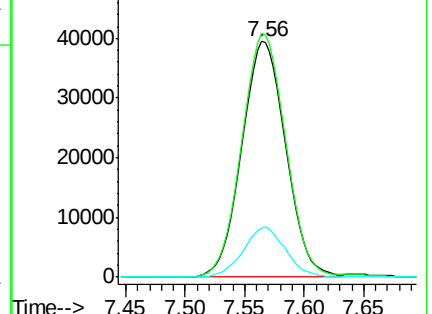
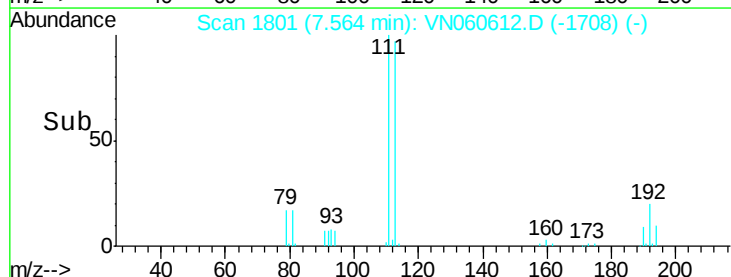
192 20.4 15.8 23.8

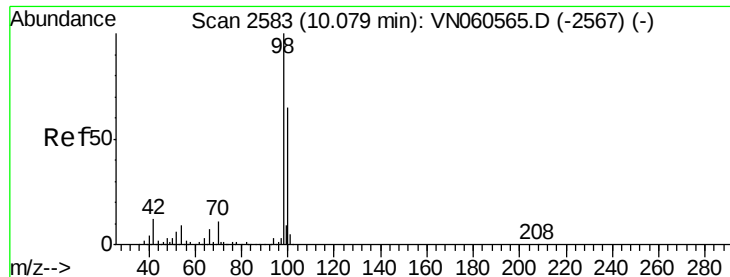


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.596 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060612.D

Acq: 18 Mar 2020 23:58

Instrument :

MSVOA_N

ClientSampled :

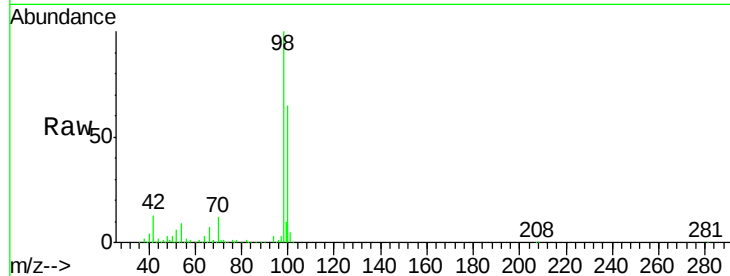
TEST-PIT-3

Tot Ion: 98 Resp: 421514

Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

250000

200000

150000

100000

50000

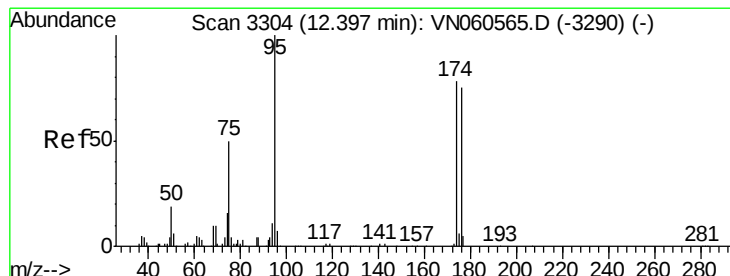
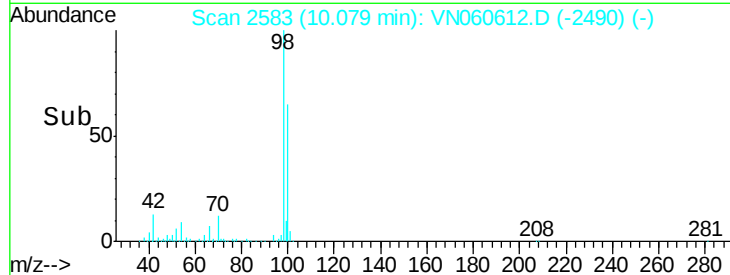
0

10.00

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 50.103 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060612.D

Acq: 18 Mar 2020 23:58

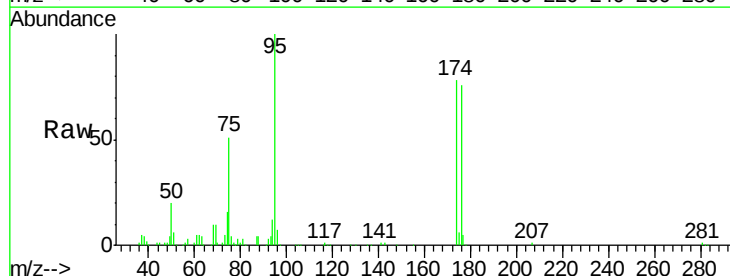
Tgt Ion: 95 Resp: 156058

Ion Ratio Lower Upper

95 100

174 77.3 0.0 157.6

176 75.0 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

40000

20000

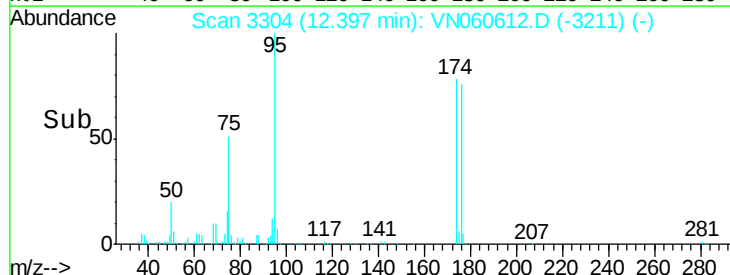
0

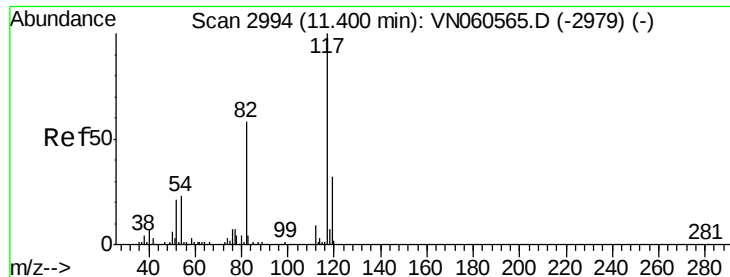
12.30

12.40

12.50

Time-->

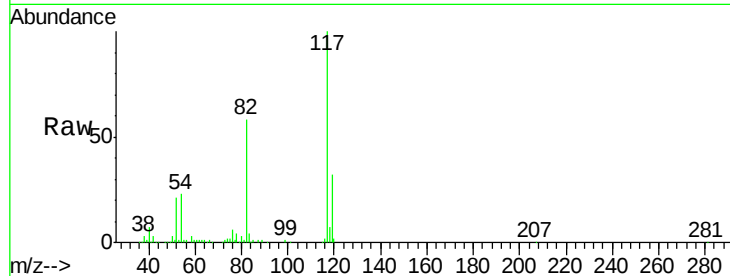




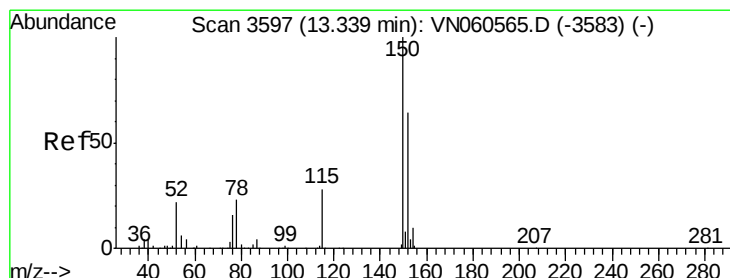
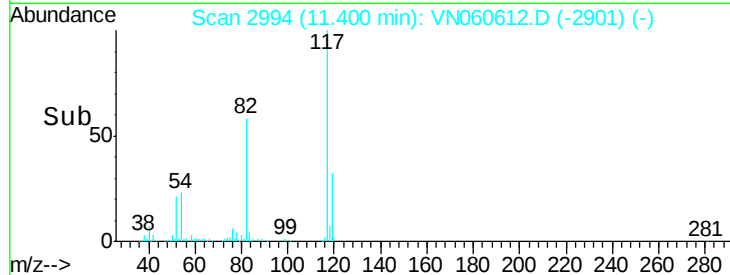
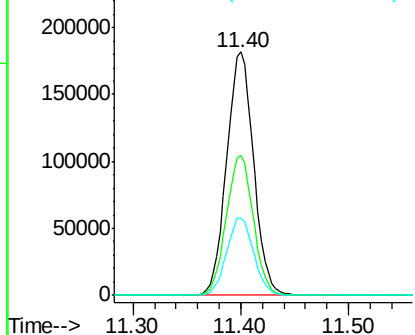
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060612.D
Acq: 18 Mar 2020 23:58

Instrument :
MSVOA_N
ClientSampleId :
TEST-PIT-3

Tot Ion:117 Resp: 317216
Ion Ratio Lower Upper
117 100
82 57.7 46.7 70.1
119 32.0 25.5 38.3

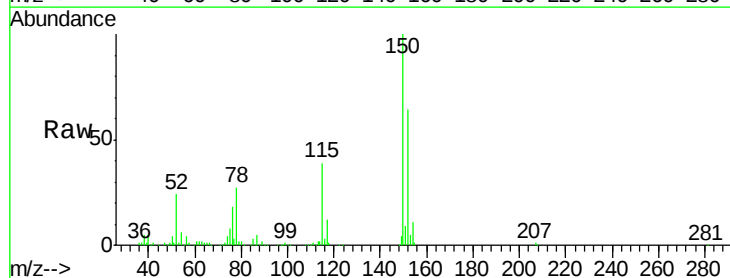


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060612.D
Acq: 18 Mar 2020 23:58

Tgt Ion:152 Resp: 141112
Ion Ratio Lower Upper
152 100
115 60.2 30.2 90.6
150 156.0 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

