

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\
 Data File : VN060548.D
 Acq On : 17 Mar 2020 12:02
 Operator : JC/MD
 Sample : L1946-01 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40748

Quant Time: Mar 18 07:03:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

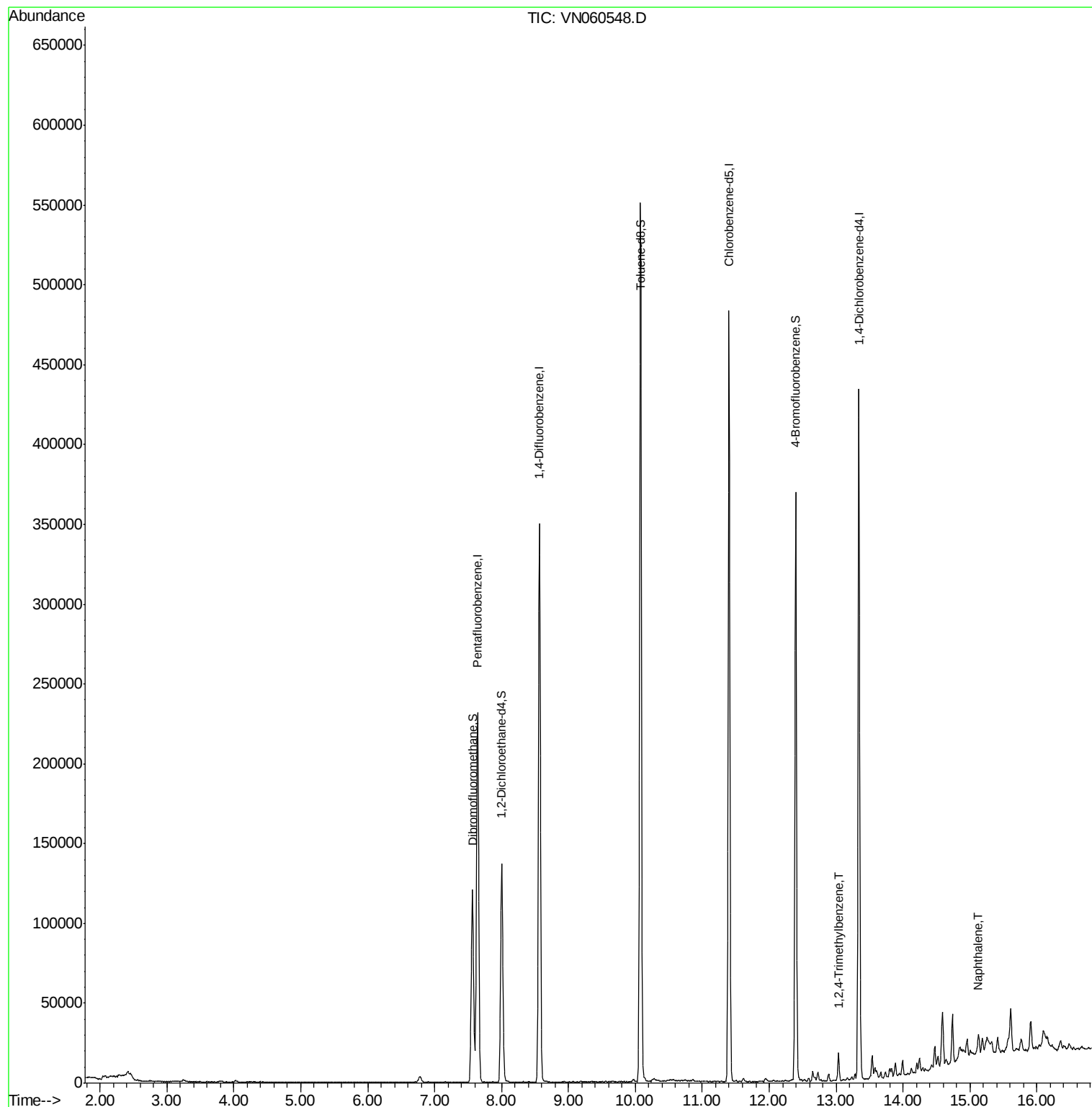
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	313394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	277776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	113057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	119484	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	7.56	113	90935	62.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.02%	
50) Toluene-d8	10.08	98	381602	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.40	95	131003	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.03	105	10144	1.424	ug/l	99
95) Naphthalene	15.13	128	10460	1.288	ug/l	97

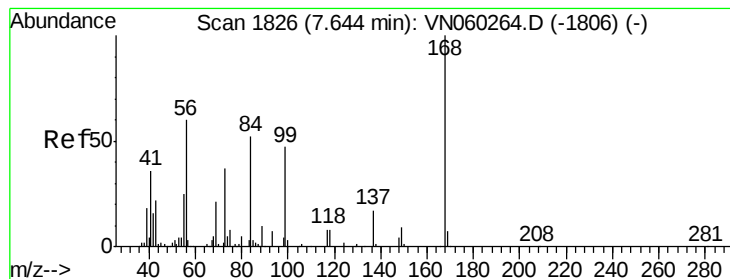
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060548.D

Acq: 17 Mar 2020 12:02

Instrument :

MSVOA_N

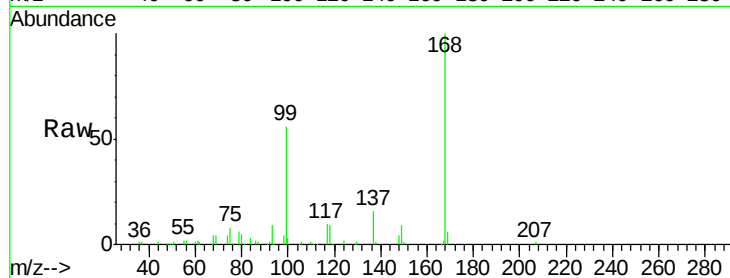
ClientSampleId :
40748

Tot Ion:168 Resp: 191773

Ion Ratio Lower Upper

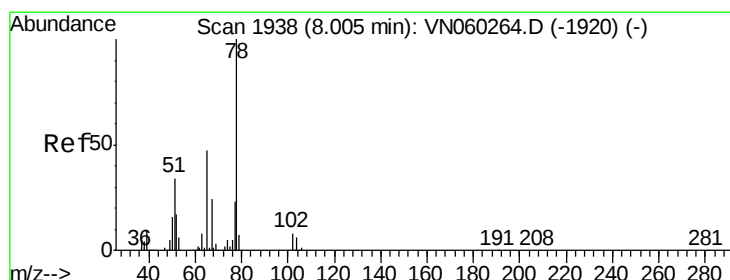
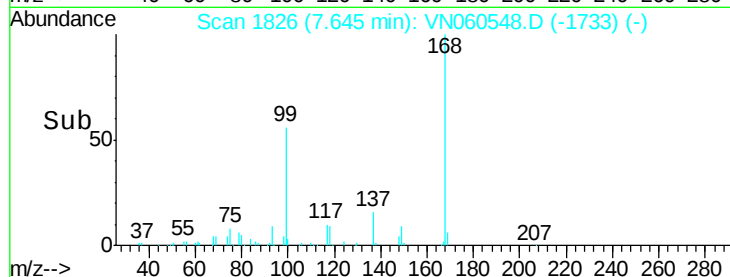
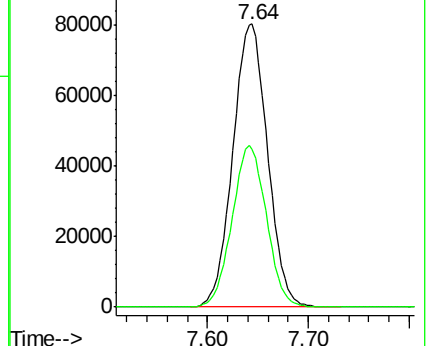
168 100

99 56.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 48.561 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060548.D

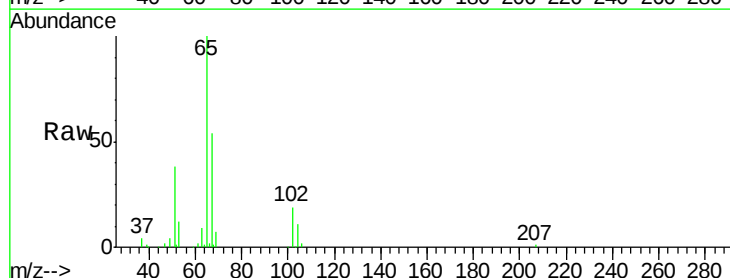
Acq: 17 Mar 2020 12:02

Tgt Ion: 65 Resp: 119484

Ion Ratio Lower Upper

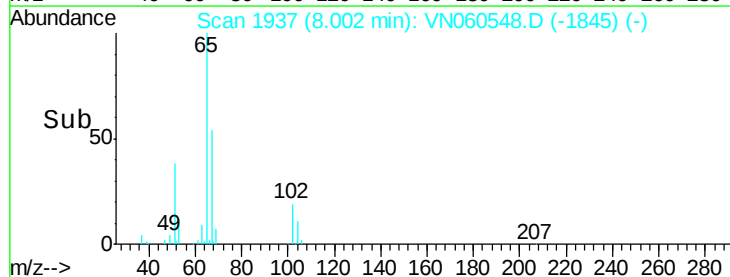
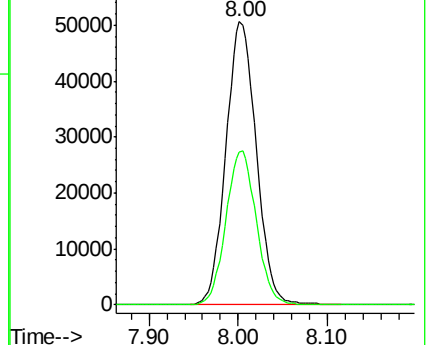
65 100

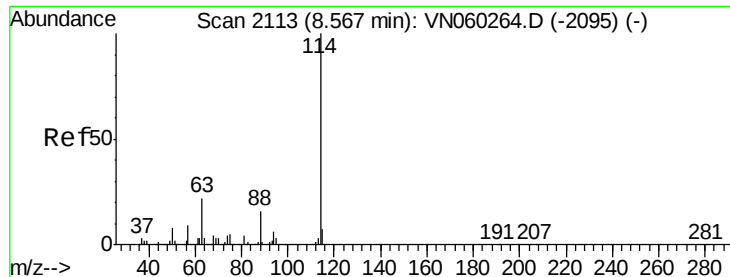
67 54.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060548.D

Acq: 17 Mar 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

40748

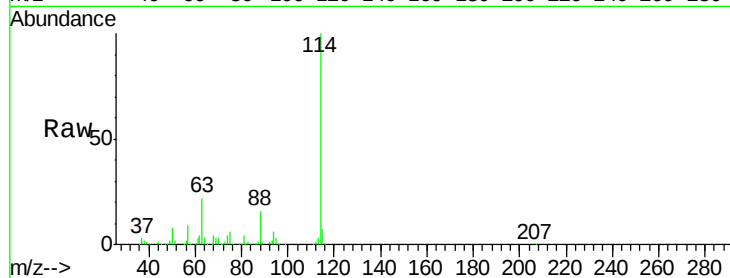
Tot Ion:114 Resp: 313394

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.2

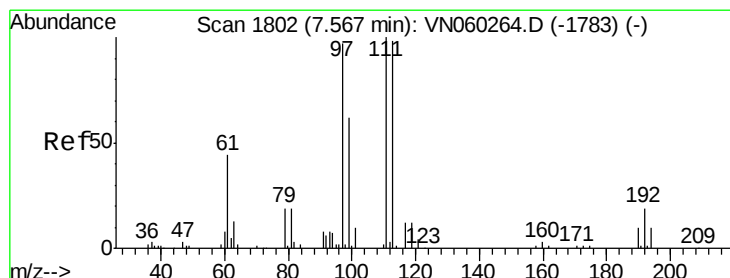
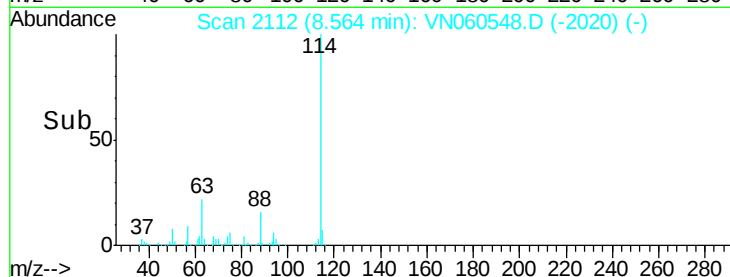
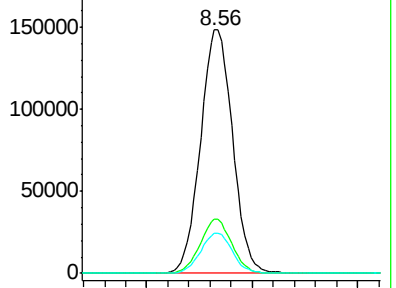
88 16.5 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 62.512 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060548.D

Acq: 17 Mar 2020 12:02

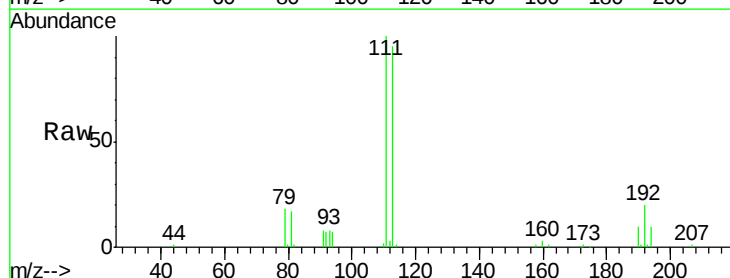
Tgt Ion:113 Resp: 90935

Ion Ratio Lower Upper

113 100

111 104.9 82.4 123.6

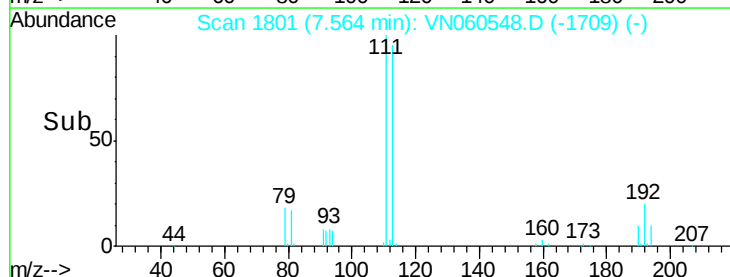
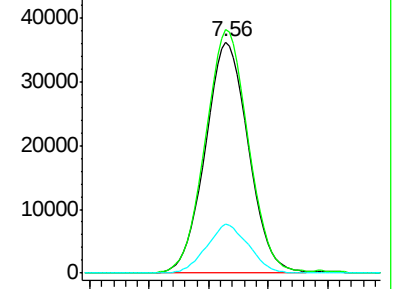
192 20.4 16.2 24.2

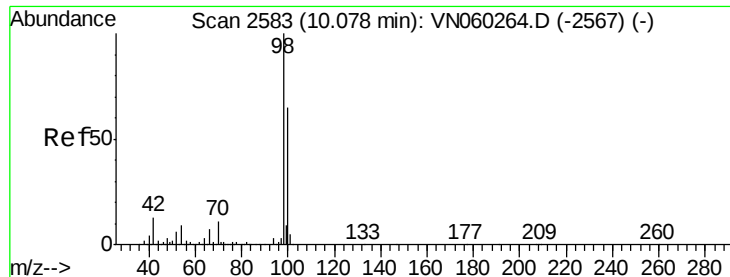


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.832 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060548.D

Acq: 17 Mar 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

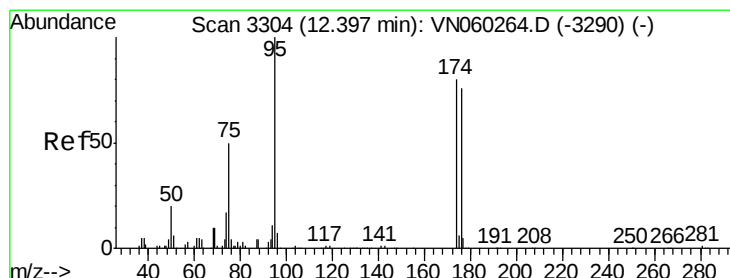
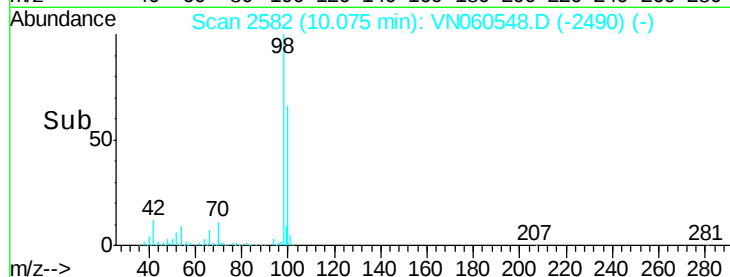
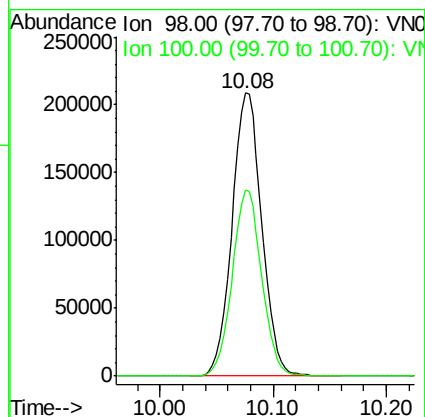
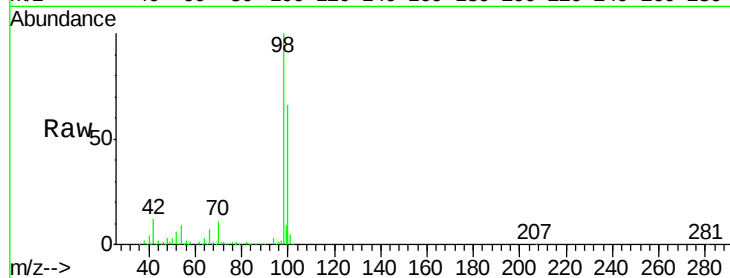
40748

Tot Ion: 98 Resp: 381602

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.940 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060548.D

Acq: 17 Mar 2020 12:02

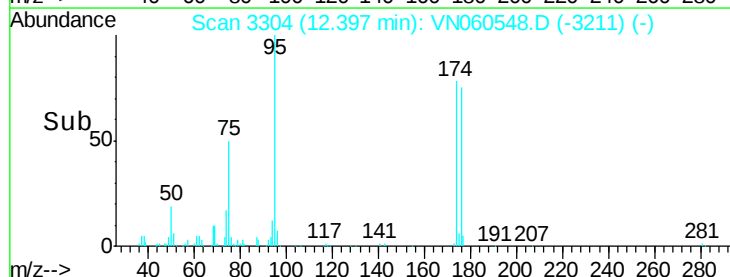
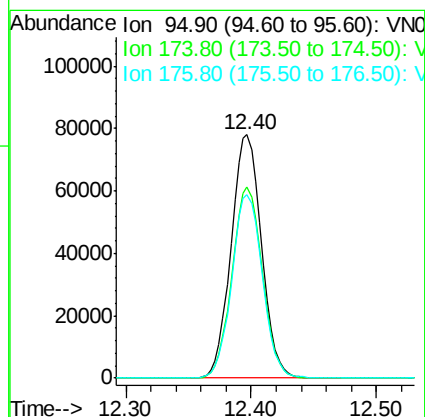
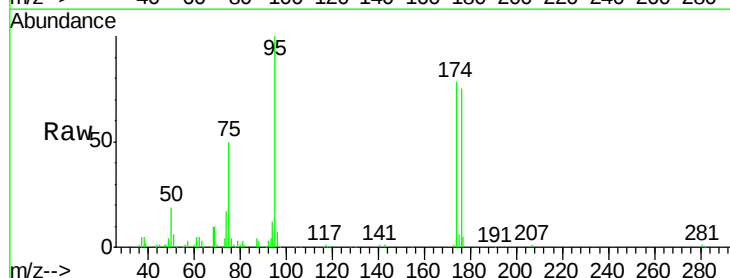
Tgt Ion: 95 Resp: 131003

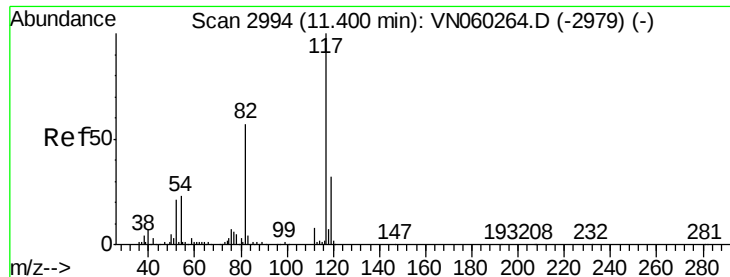
Ion Ratio Lower Upper

95 100

174 78.5 0.0 159.2

176 75.8 0.0 153.8

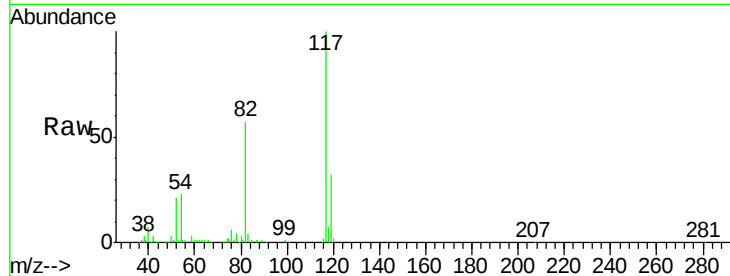




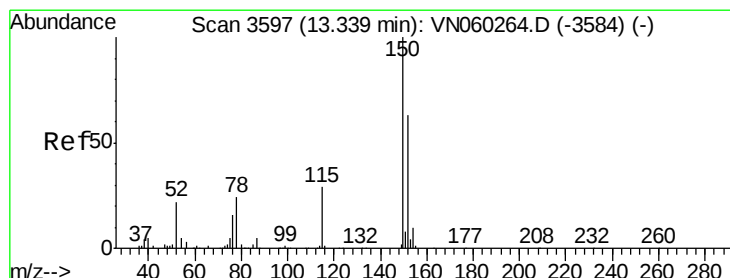
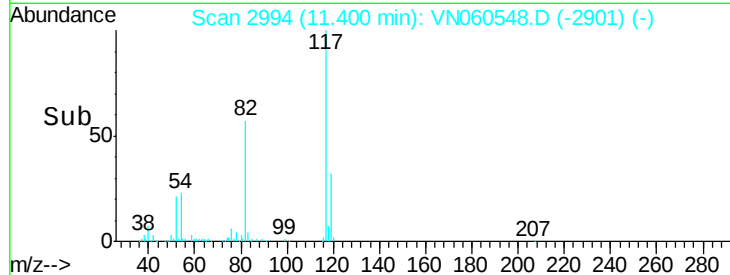
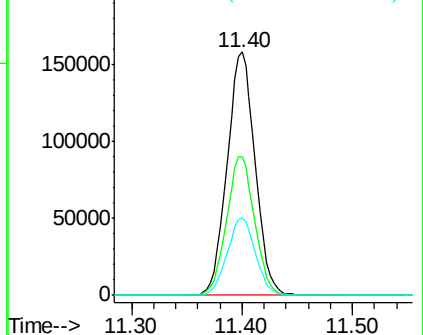
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060548.D
Acq: 17 Mar 2020 12:02

Instrument :
MSVOA_N
ClientSampled :
40748

Tot Ion:117 Resp: 277776
Ion Ratio Lower Upper
117 100
82 57.0 45.8 68.6
119 31.8 25.8 38.8

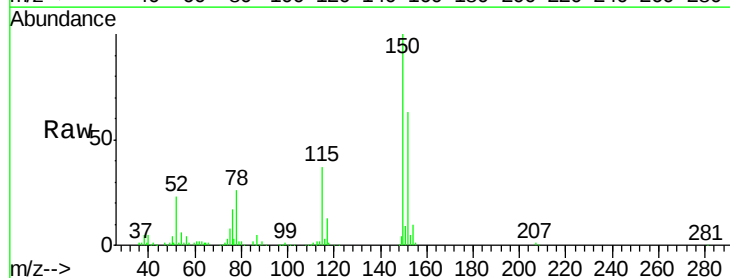


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

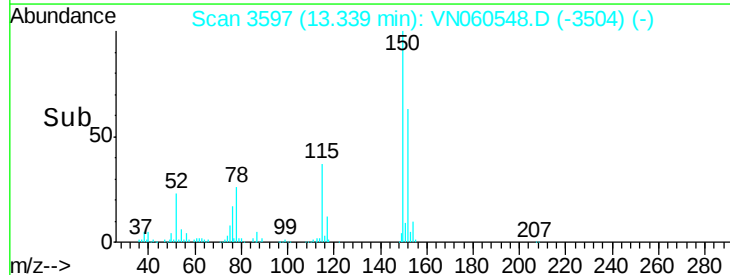
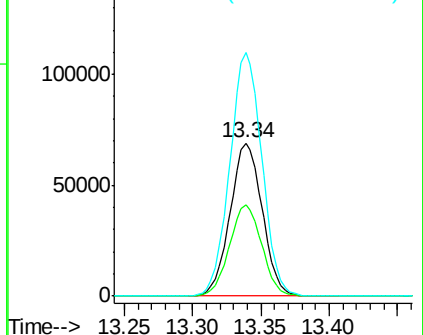


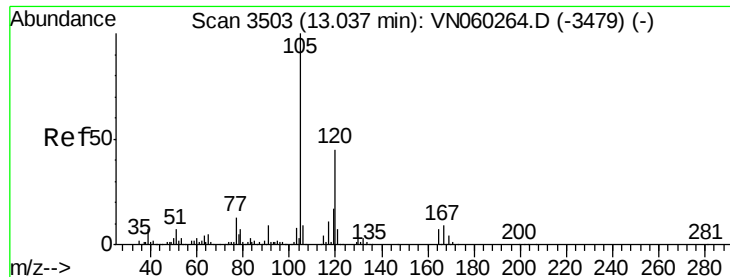
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060548.D
Acq: 17 Mar 2020 12:02

Tgt Ion:152 Resp: 113057
Ion Ratio Lower Upper
152 100
115 59.9 30.0 90.0
150 159.1 0.0 349.6



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

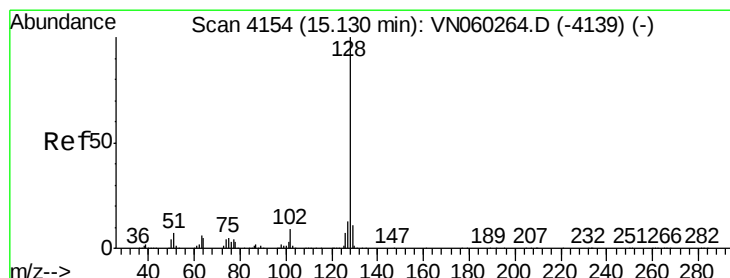
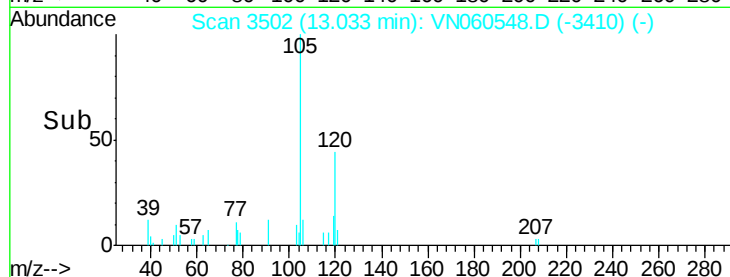
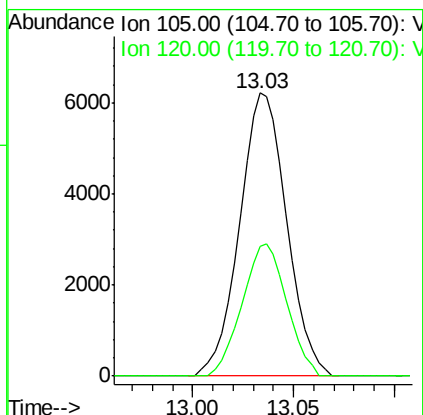
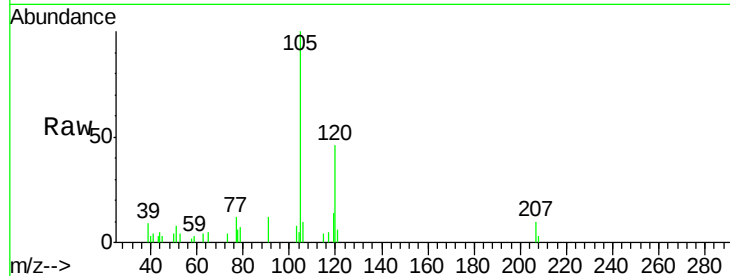




#84
 1,2,4-Trimethylbenzene
 Concen: 1.424 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060548.D
 Acq: 17 Mar 2020 12:02

Instrument :
 MSVOA_N
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 40748

Tot Ion:105 Resp: 10144
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.3 66.9



#95
 Naphthalene
 Concen: 1.288 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN060548.D
 Acq: 17 Mar 2020 12:02

Tgt Ion:128 Resp: 10460
 Ion Ratio Lower Upper
 128 100
 127 12.2 10.4 15.6
 129 9.0 8.6 13.0

