

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060610.D
 Acq On : 18 Mar 2020 23:13
 Operator : JC/MD
 Sample : L1969-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-200317

Quant Time: Mar 19 08:35:34 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

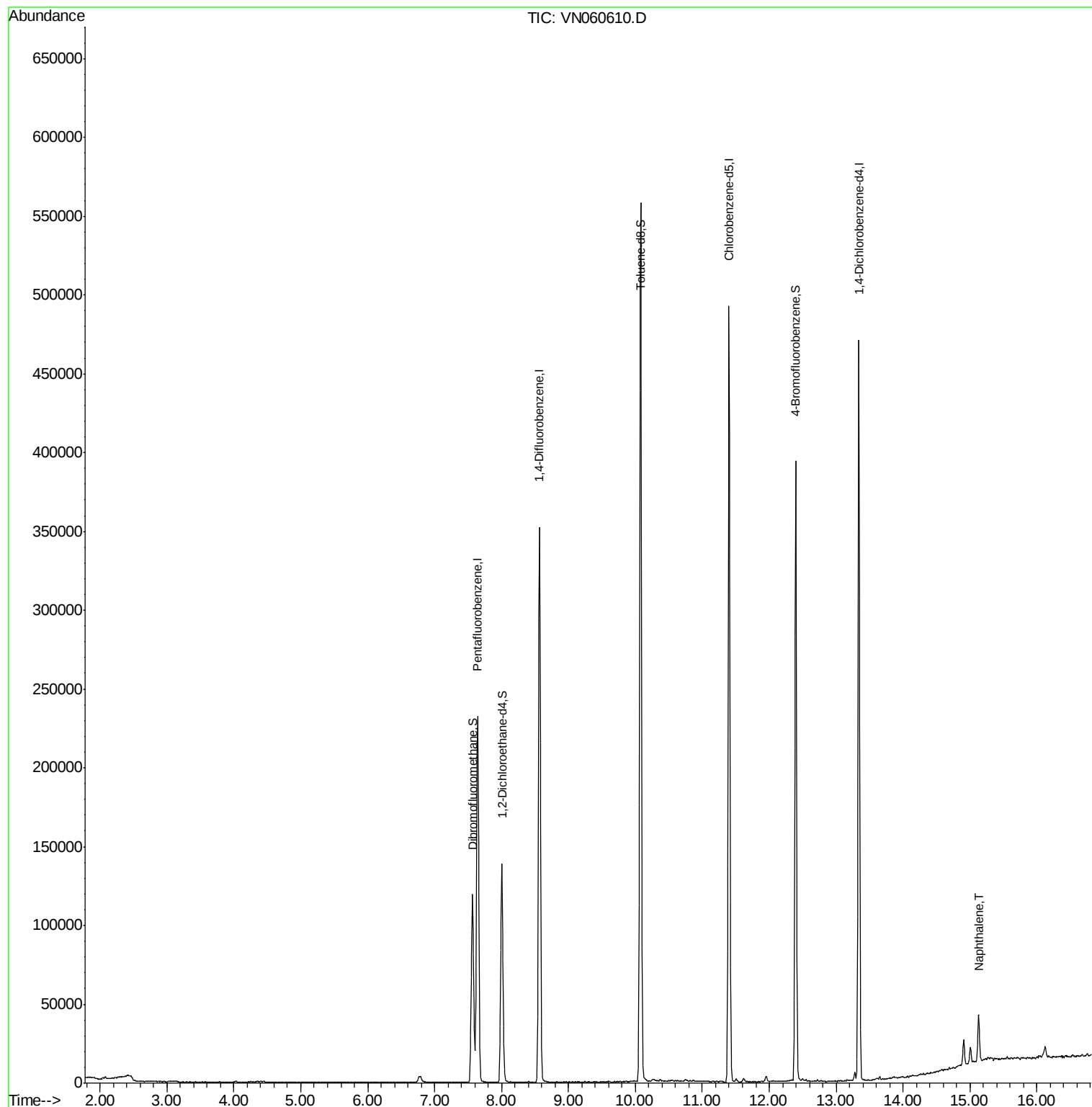
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	315918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	283810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	120039	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
35) Dibromofluoromethane	7.57	113	93661	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
50) Toluene-d8	10.08	98	385483	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.40	95	137612	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
Target Compounds						
95) Naphthalene	15.13	128	25503	3.632	ug/l	Qvalue 99

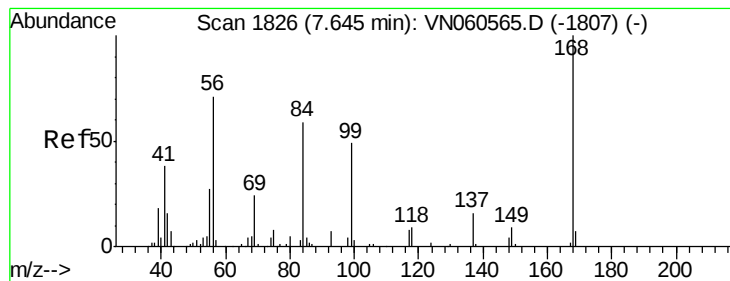
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060610.D

Acq: 18 Mar 2020 23:13

Instrument :

MSVOA_N

ClientSampleId :

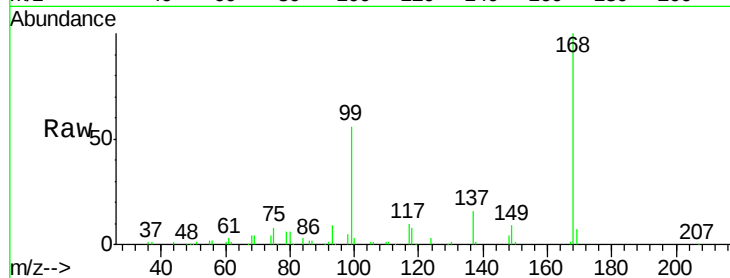
TB-01-200317

Tot Ion:168 Resp: 191004

Ion Ratio Lower Upper

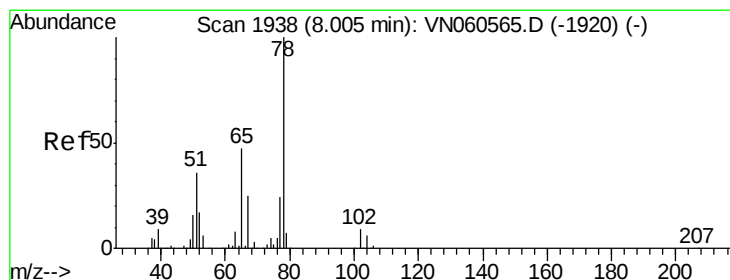
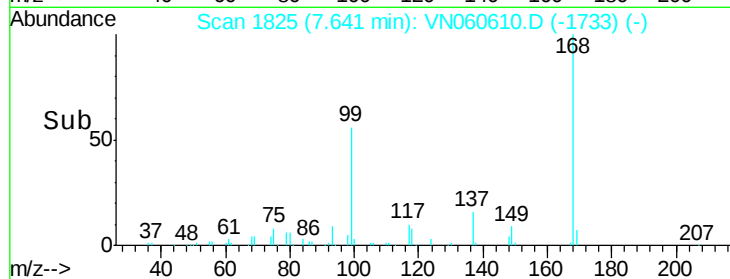
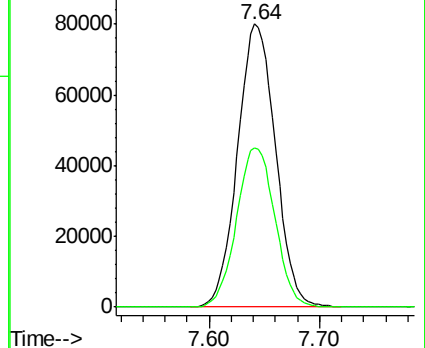
168 100

99 56.5 44.0 66.0



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: 45.781 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060610.D

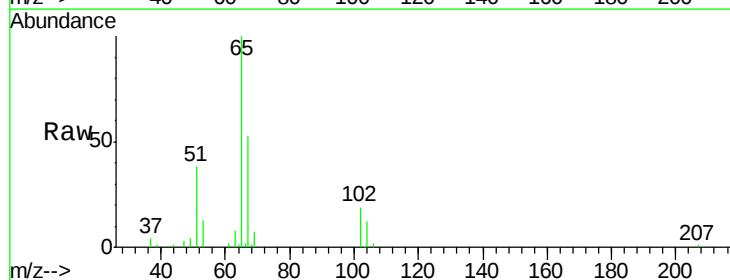
Acq: 18 Mar 2020 23:13

Tgt Ion: 65 Resp: 120039

Ion Ratio Lower Upper

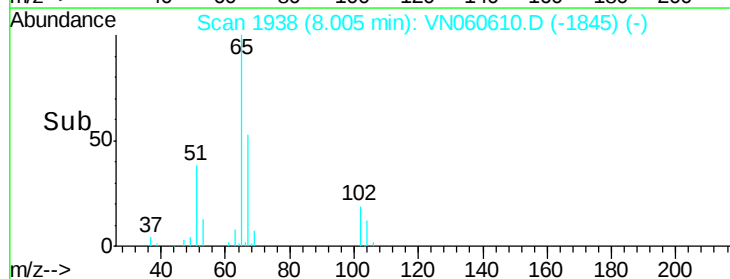
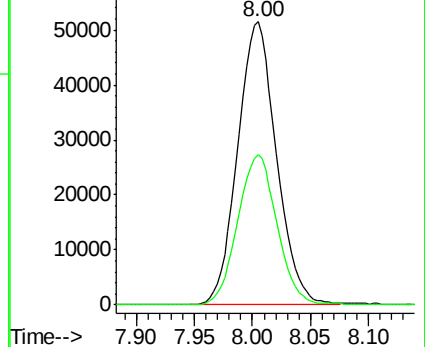
65 100

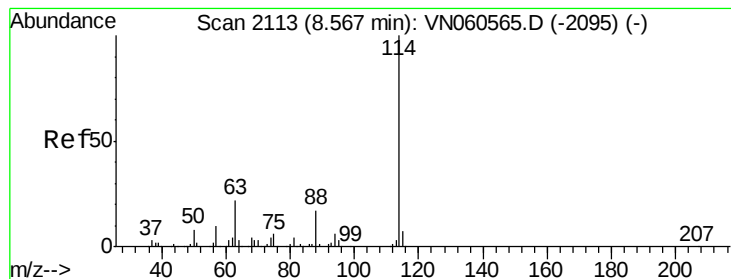
67 53.4 0.0 107.6



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: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060610.D

Acq: 18 Mar 2020 23:13

Instrument :

MSVOA_N

ClientSampleId :

TB-01-200317

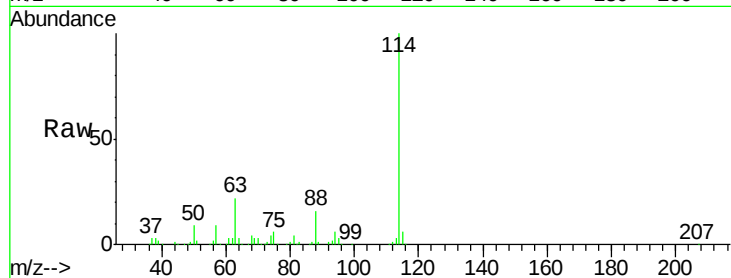
Tot Ion:114 Resp: 315918

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

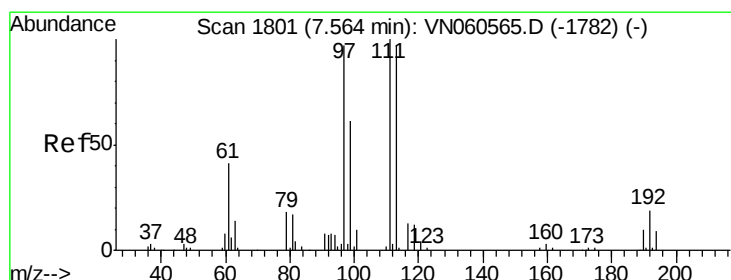
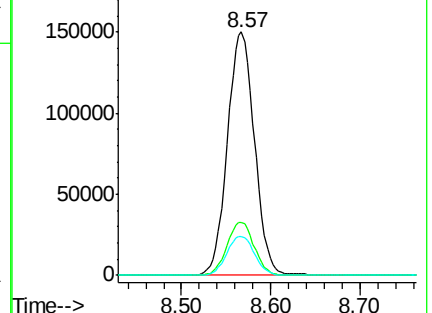
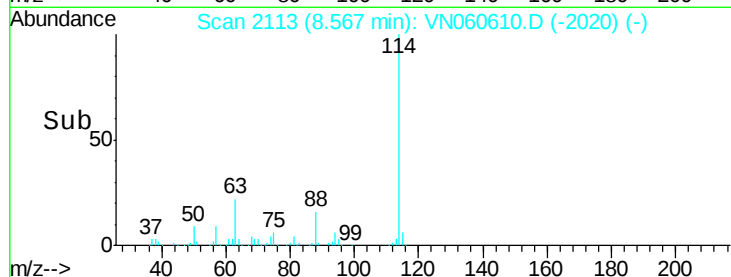
88 16.0 0.0 33.0



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: 49.031 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060610.D

Acq: 18 Mar 2020 23:13

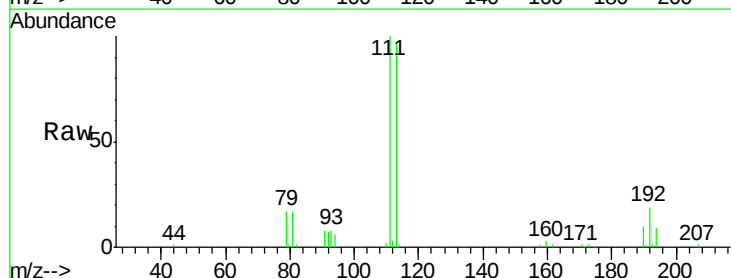
Tgt Ion:113 Resp: 93661

Ion Ratio Lower Upper

113 100

111 100.9 82.9 124.3

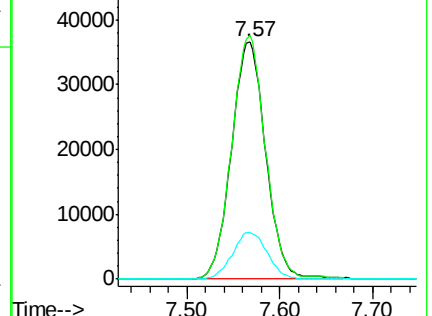
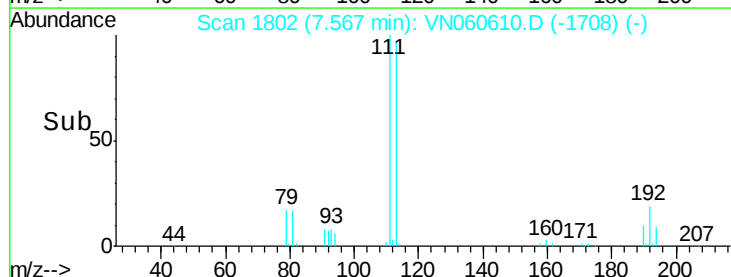
192 19.9 15.8 23.8

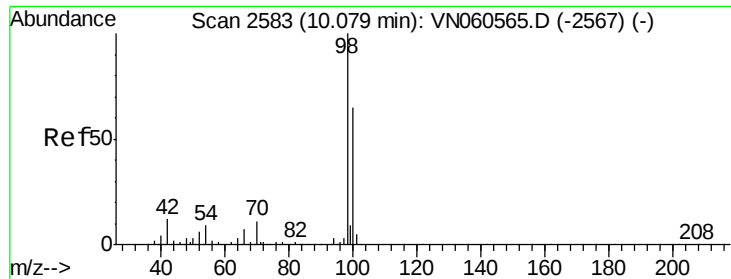


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.404 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060610.D

Acq: 18 Mar 2020 23:13

Instrument :

MSVOA_N

ClientSampleId :

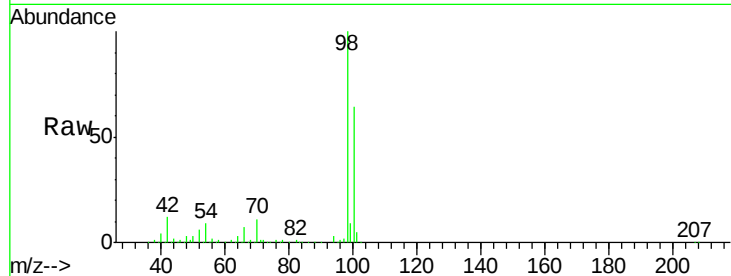
TB-01-200317

Tot Ion: 98 Resp: 385483

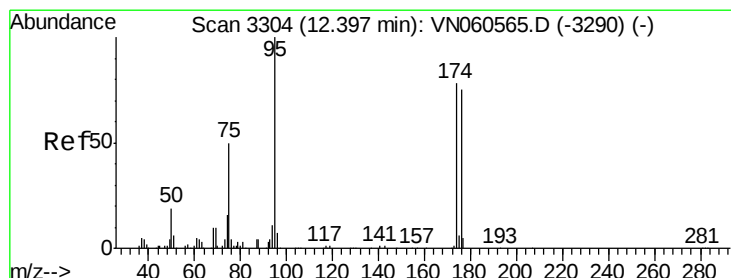
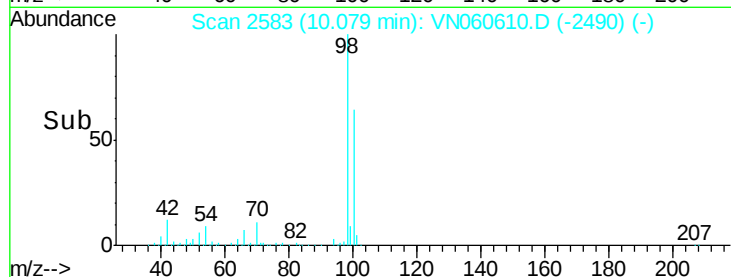
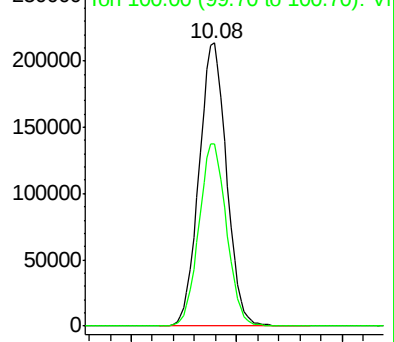
Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060610.D (-2490) (-)



#62

4-Bromofluorobenzene

Concen: 48.123 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060610.D

Acq: 18 Mar 2020 23:13

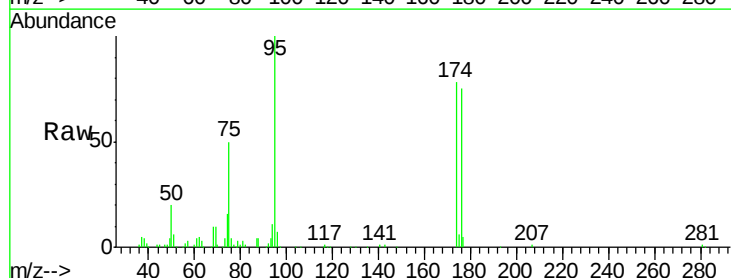
Tgt Ion: 95 Resp: 137612

Ion Ratio Lower Upper

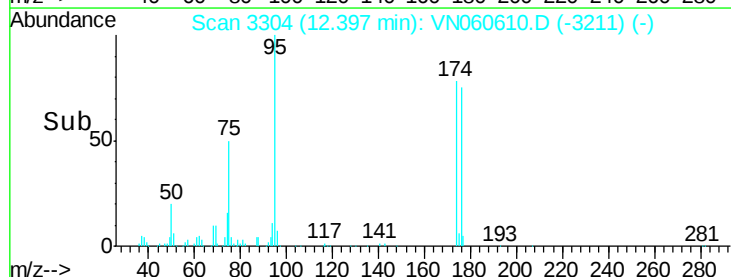
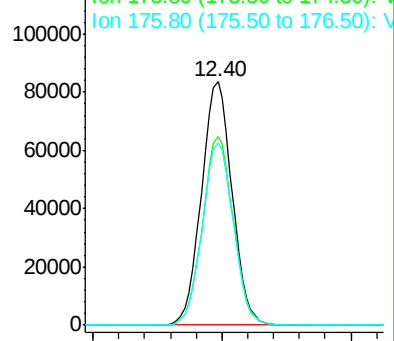
95 100

174 77.8 0.0 157.6

176 76.0 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060610.D (-3211) (-)

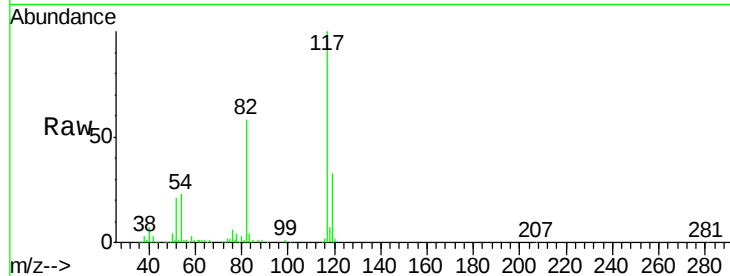




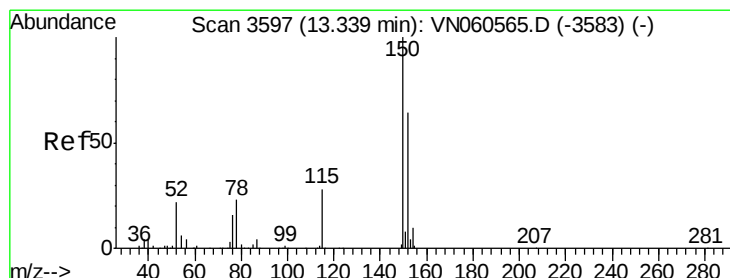
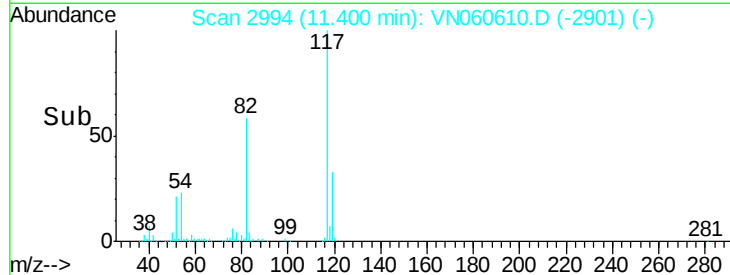
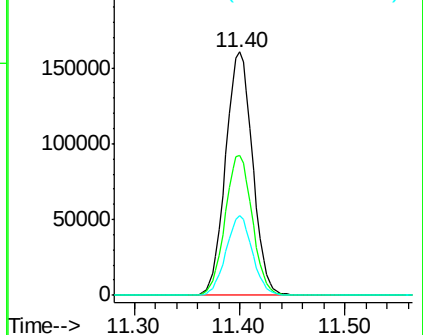
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060610.D
Acq: 18 Mar 2020 23:13

Instrument :
MSVOA_N
ClientSampleId :
TB-01-200317

Tot Ion:117 Resp: 283810
Ion Ratio Lower Upper
117 100
82 57.6 46.7 70.1
119 32.5 25.5 38.3

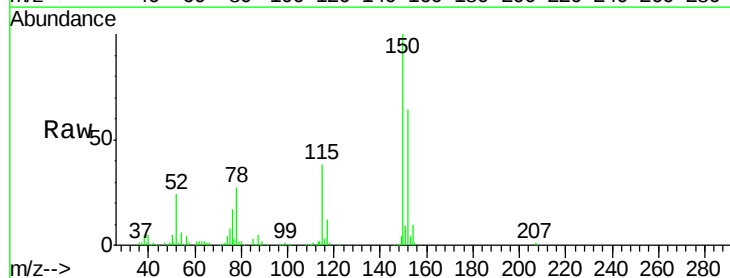


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

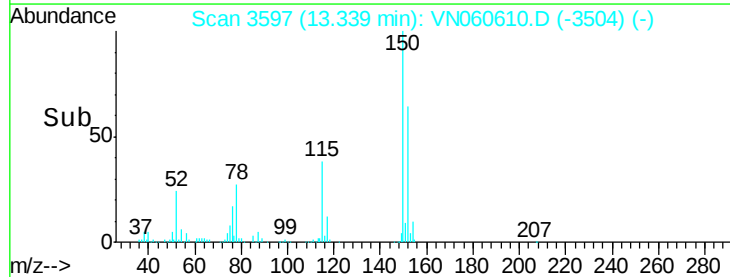
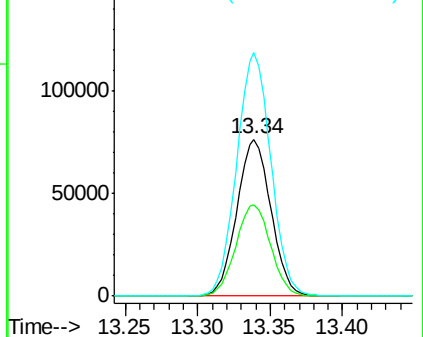


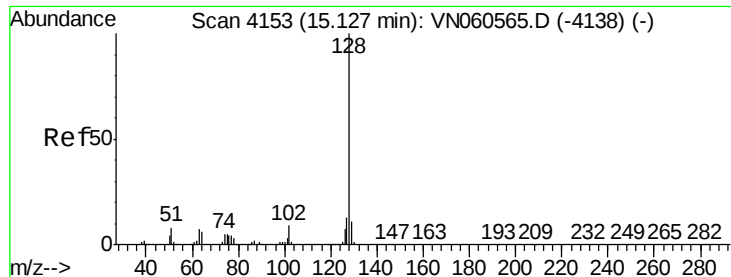
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060610.D
Acq: 18 Mar 2020 23:13

Tgt Ion:152 Resp: 124663
Ion Ratio Lower Upper
152 100
115 59.5 30.2 90.6
150 156.1 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





#95

Naphthalene

Concen: 3.632 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060610.D

Acq: 18 Mar 2020 23:13

Instrument :

MSVOA_N

ClientSampleId :

TB-01-200317

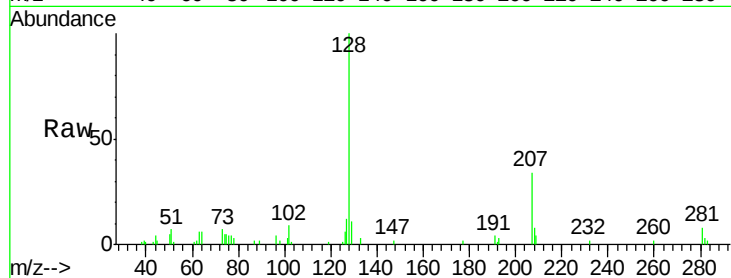
Tot Ion:128 Resp: 25503

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

