

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052245.D
 Acq On : 9 Nov 2018 23:23
 Operator : MD\SY
 Sample : J5269-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-12-GW

Quant Time: Nov 12 04:11:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

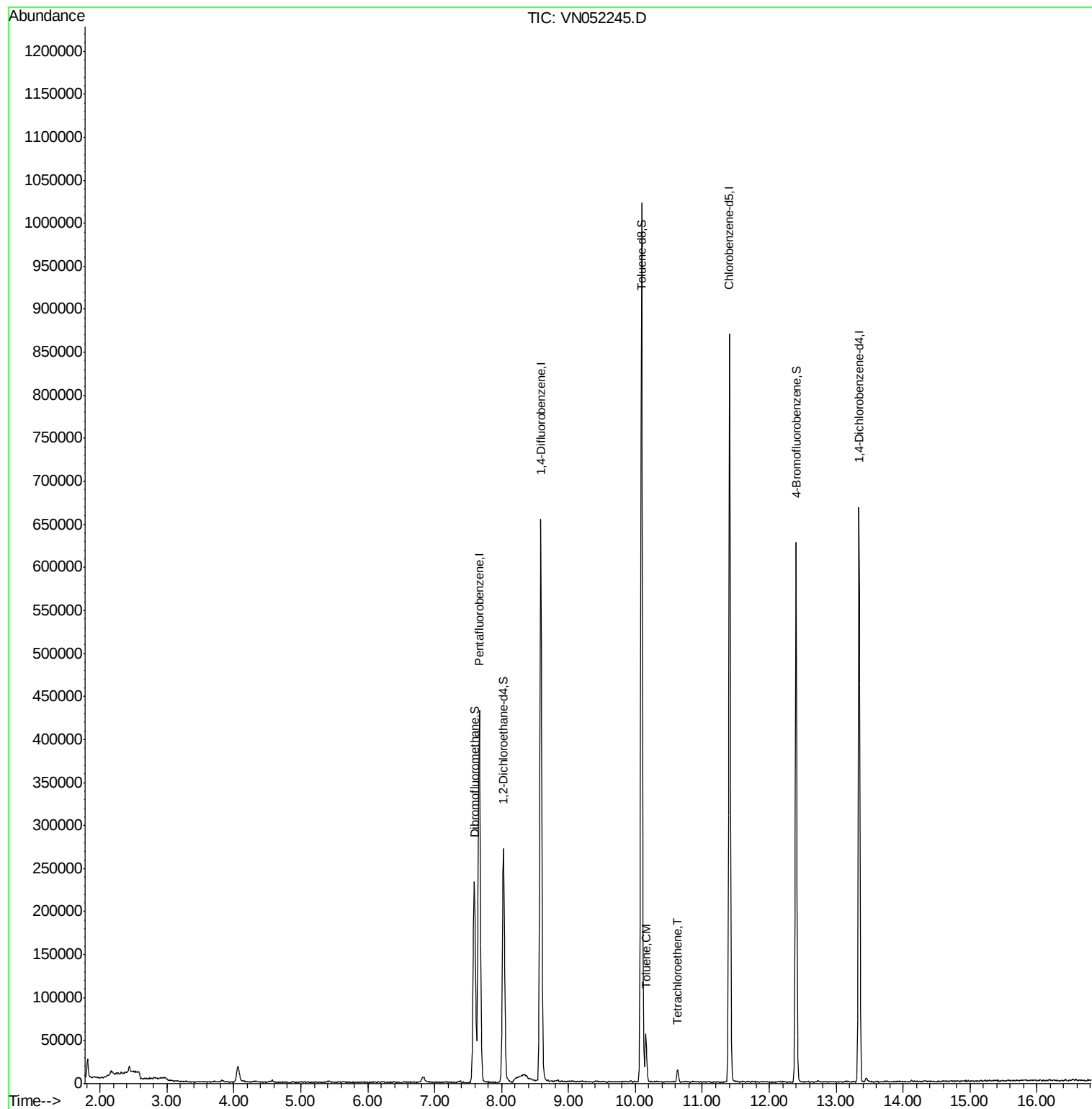
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	338396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	560817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	467341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	160967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	218425	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
35) Dibromofluoromethane	7.59	113	176424	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
50) Toluene-d8	10.09	98	687214	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.40	95	199882	43.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.94%	
Target Compounds						
52) Toluene	10.16	92	21201	2.169	ug/l	95
64) Tetrachloroethene	10.63	164	2866	0.876	ug/l	95

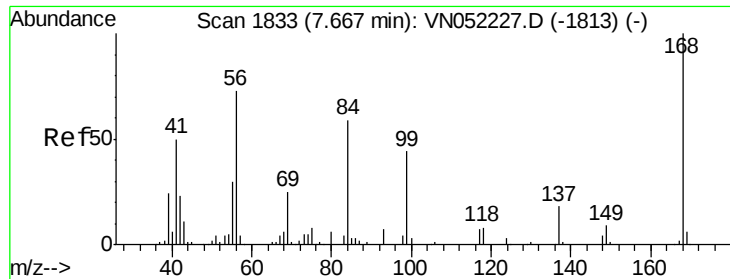
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052245.D

Acq: 9 Nov 2018 23:23

Instrument :

MSVOA_N

ClientSampleId :

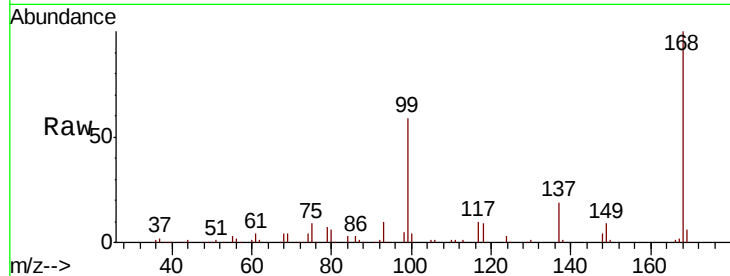
SB-12-GW

Tot Ion:168 Resp: 338396

Ion Ratio Lower Upper

168 100

99 59.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): VN052227.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN052227.D (-1813) (-)

7.67

150000

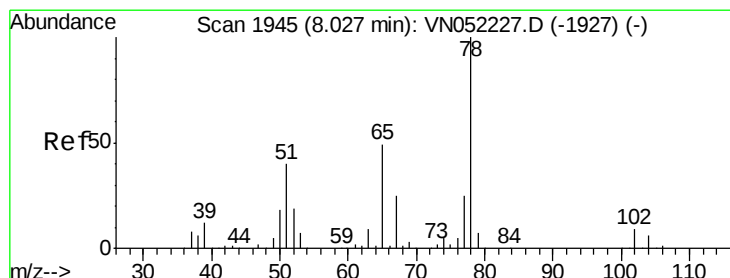
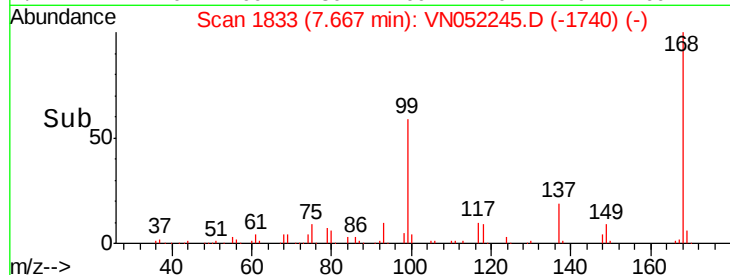
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052245.D

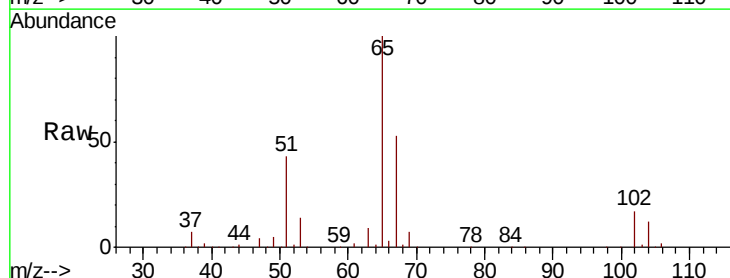
Acq: 9 Nov 2018 23:23

Tgt Ion: 65 Resp: 218425

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VN052227.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN052227.D (-1927) (-)

8.03

100000

80000

60000

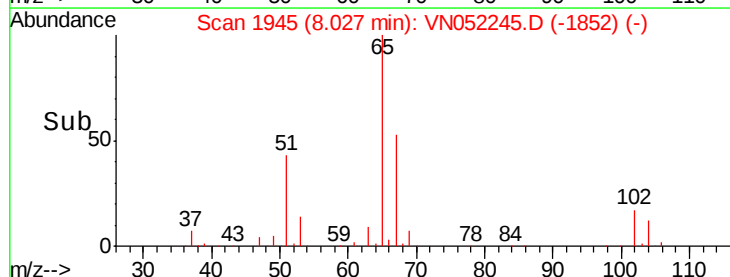
40000

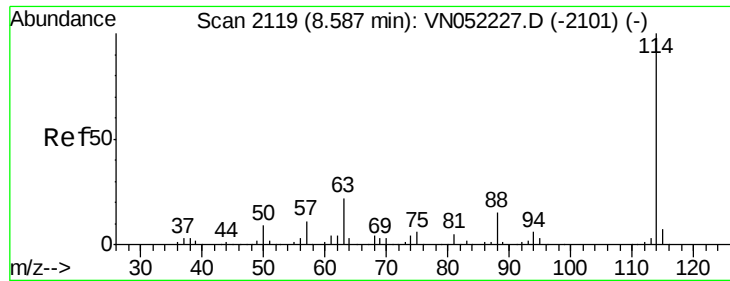
20000

0

7.90 8.00 8.10

Time-->

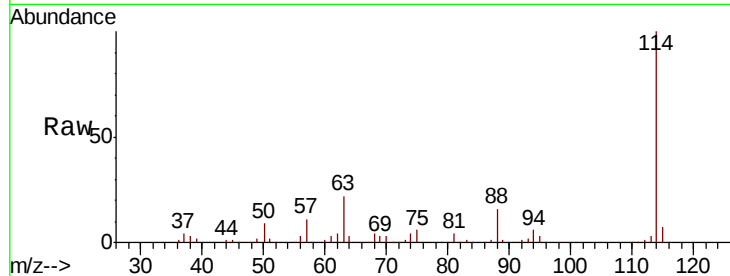




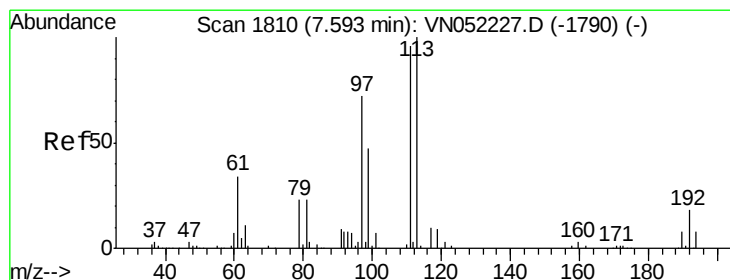
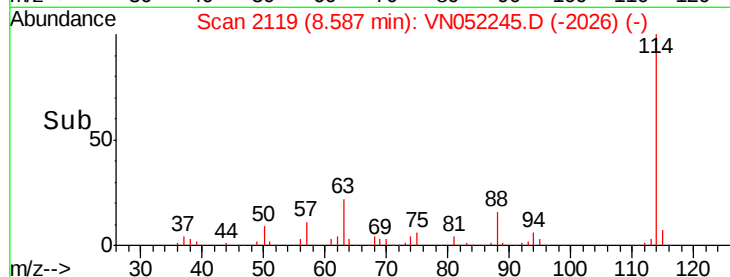
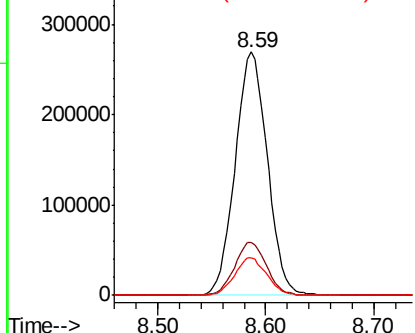
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052245.D
 Acq: 9 Nov 2018 23:23

Instrument :
 MSVOA_N
 ClientSampled :
 SB-12-GW

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.4
88	15.6	0.0	30.2

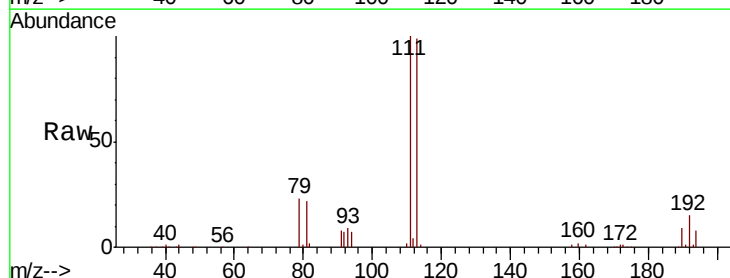


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

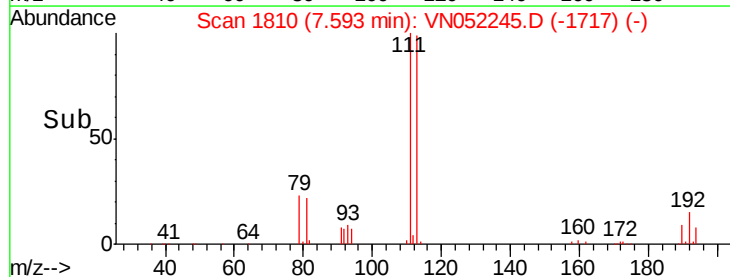
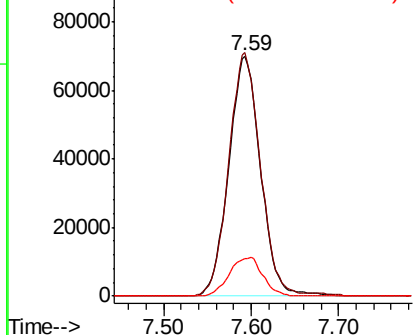


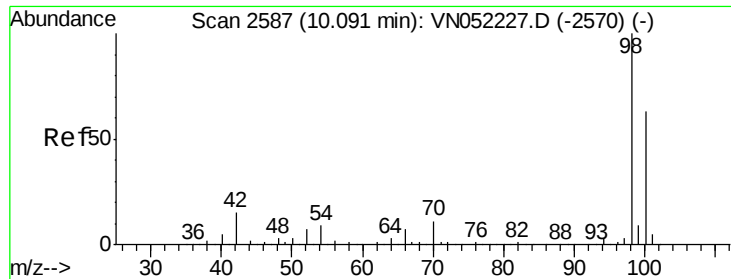
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052245.D
 Acq: 9 Nov 2018 23:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.6	80.2	120.4
192	17.0	14.1	21.1



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052245.D

Acq: 9 Nov 2018 23:23

Instrument :

MSVOA_N

ClientSampleId :

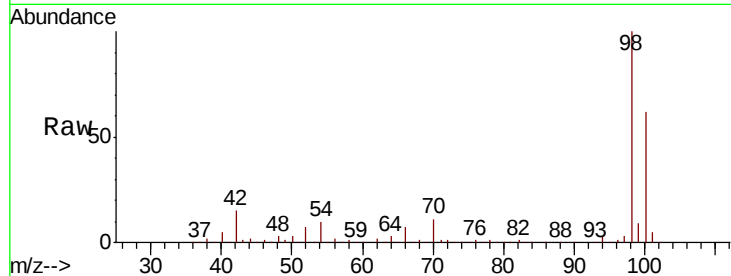
SB-12-GW

Tot Ion: 98 Resp: 687214

Ion Ratio Lower Upper

98 100

100 62.3 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

300000

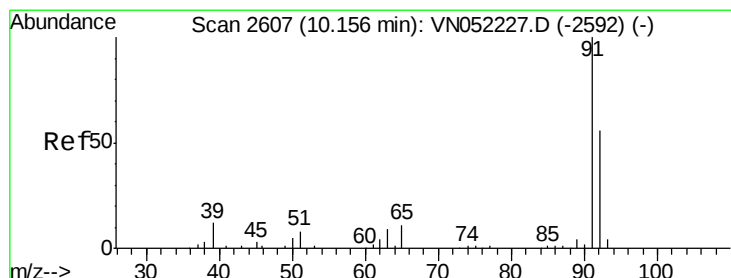
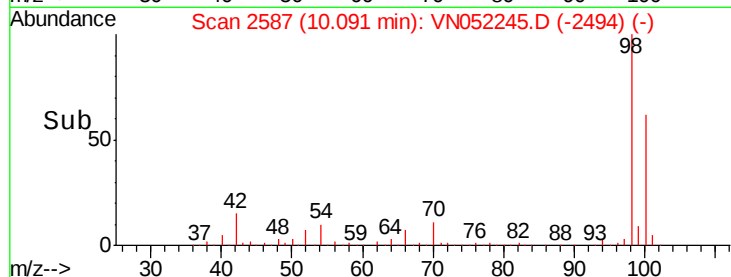
200000

100000

0

Time-->

10.00 10.10 10.20



#52

Toluene

Concen: 2.169 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052245.D

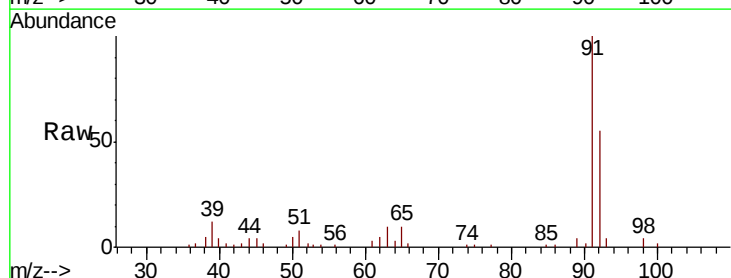
Acq: 9 Nov 2018 23:23

Tgt Ion: 92 Resp: 21201

Ion Ratio Lower Upper

92 100

91 185.4 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

25000

20000

15000

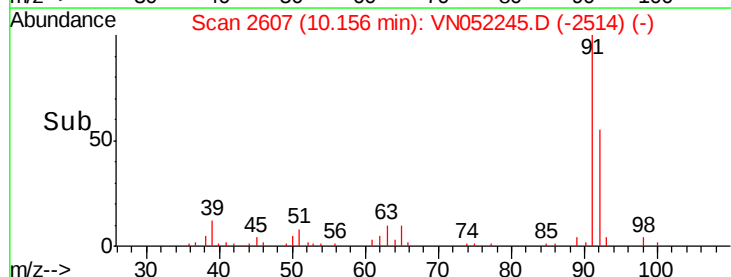
10000

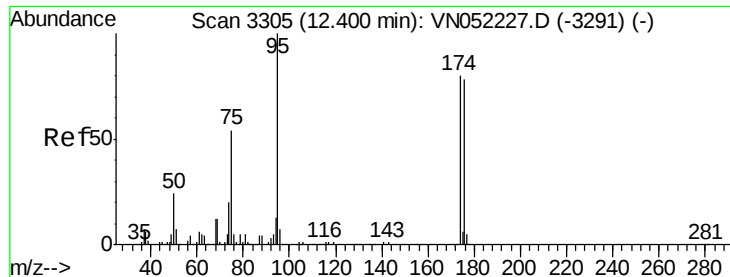
5000

0

Time-->

10.10 10.15 10.20





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052245.D

Acq: 9 Nov 2018 23:23

Instrument :

MSVOA_N

ClientSampleId :

SB-12-GW

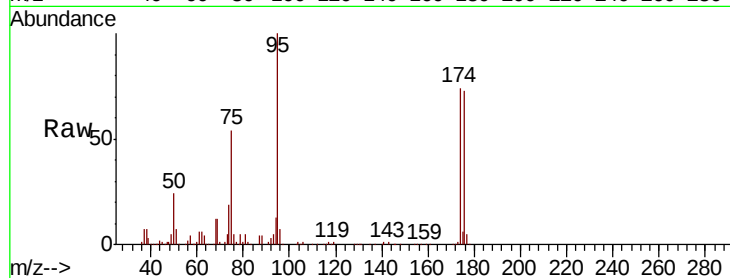
Tot Ion: 95 Resp: 199882

Ion Ratio Lower Upper

95 100

174 76.4 0.0 159.4

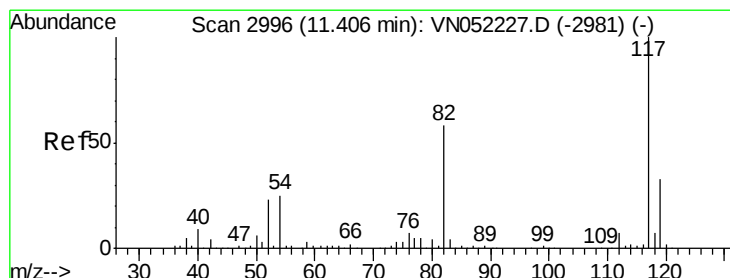
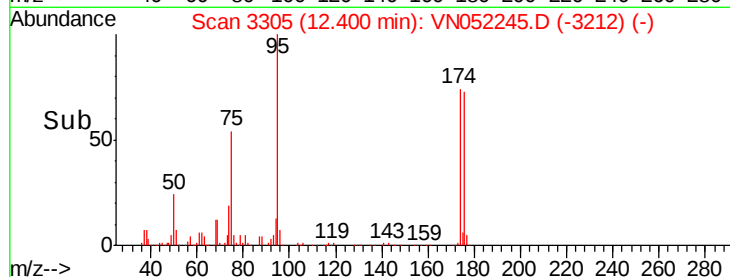
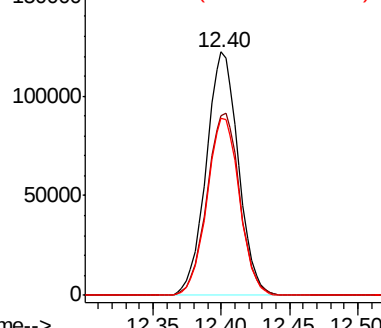
176 73.4 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052245.D

Acq: 9 Nov 2018 23:23

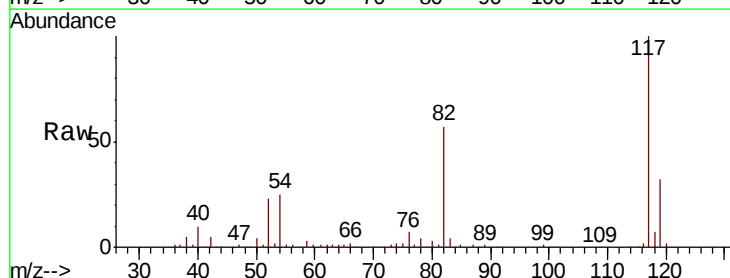
Tgt Ion: 117 Resp: 467341

Ion Ratio Lower Upper

117 100

82 57.5 46.2 69.2

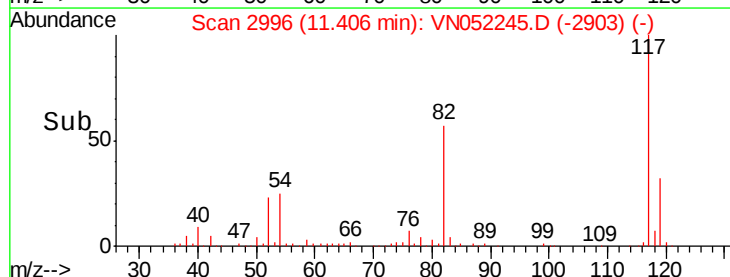
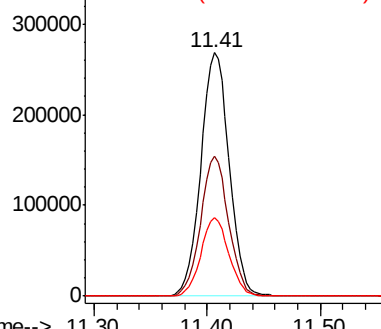
119 32.0 26.2 39.4

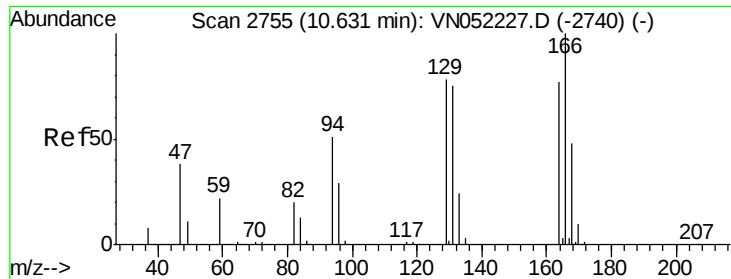


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#64

Tetrachloroethene

Concen: 0.876 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN052245.D

Acq: 9 Nov 2018 23:23

Instrument :

MSVOA_N

ClientSampleId :

SB-12-GW

Tot Ion:164 Resp: 2866

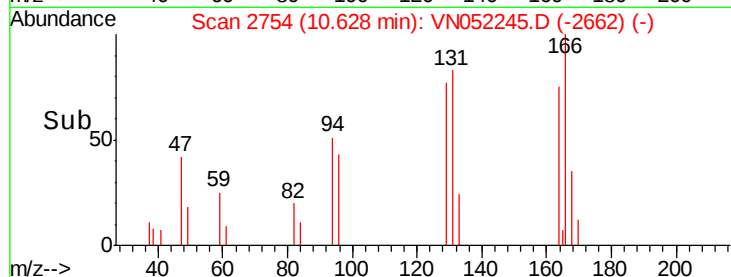
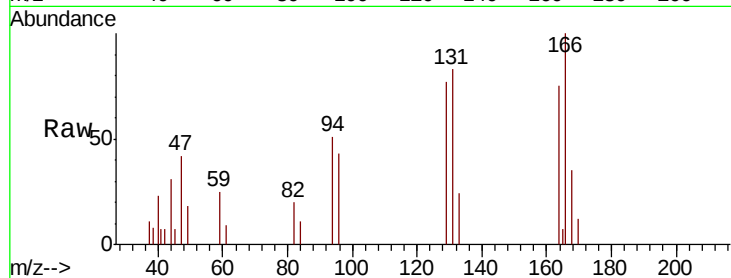
Ion Ratio Lower Upper

164 100

166 133.2 103.6 155.4

129 102.6 81.0 121.6

131 109.9 77.9 116.9

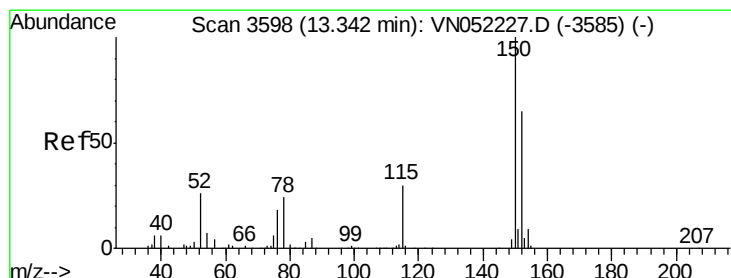
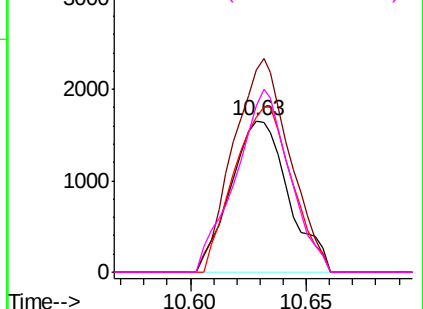


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052245.D

Acq: 9 Nov 2018 23:23

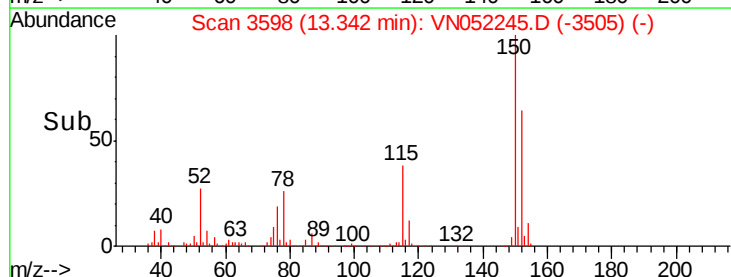
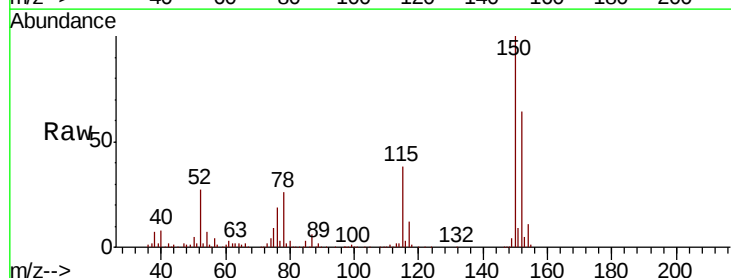
Tgt Ion:152 Resp: 160967

Ion Ratio Lower Upper

152 100

115 60.7 29.8 89.5

150 159.1 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

