

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101918\
 Data File : VN051952.D
 Acq On : 19 Oct 2018 17:07
 Operator : MD\SY
 Sample : J5538-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 BL01

Quant Time: Oct 20 00:51:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 20 00:28:35 2018
 Response via : Initial Calibration

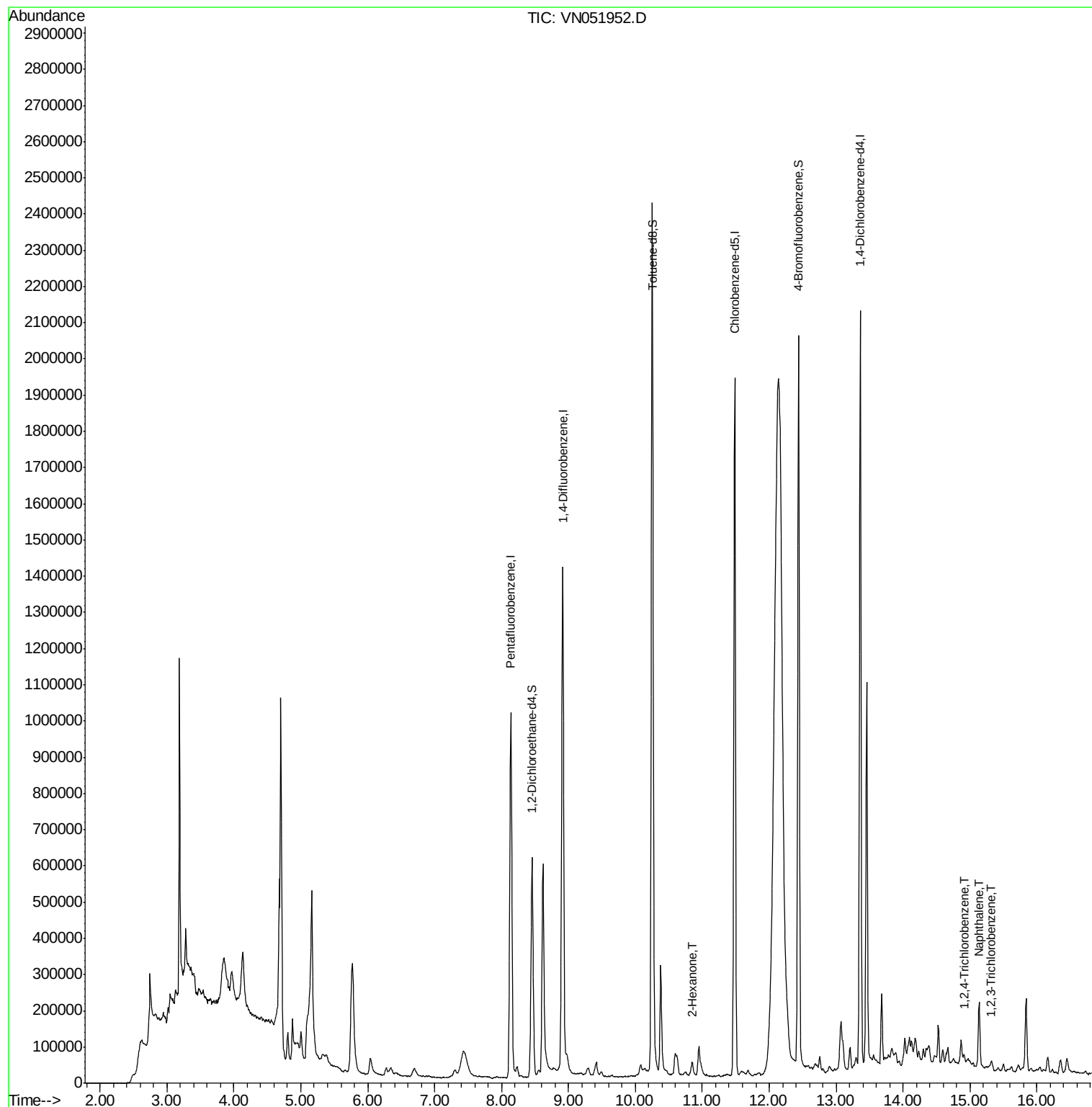
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.14	168	800846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.91	114	1265882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.48	117	1204227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	597250	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.45	65	497969	67.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.14%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	10.25	98	1790382	61.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.26%	
62) 4-Bromofluorobenzene	12.44	95	654621	66.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.94%	
Target Compounds						
59) 2-Hexanone	10.85	43	31978	10.427	ug/l	83
93) 1,2,4-Trichlorobenzene	14.91	180	8875	4.904	ug/l	93
95) Naphthalene	15.14	128	159621	11.561	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	8028	3.725	ug/l #	88

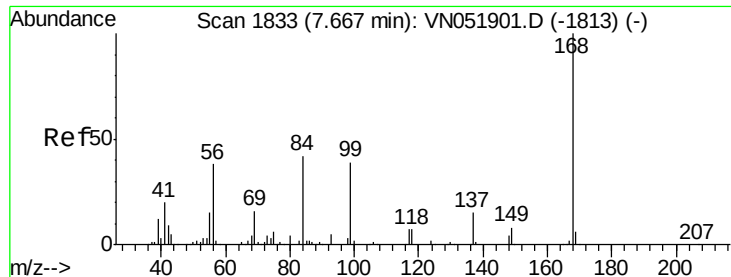
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN051952.D

Acq: 19 Oct 2018 17:07

Instrument :

MSVOA_N

ClientSampled :

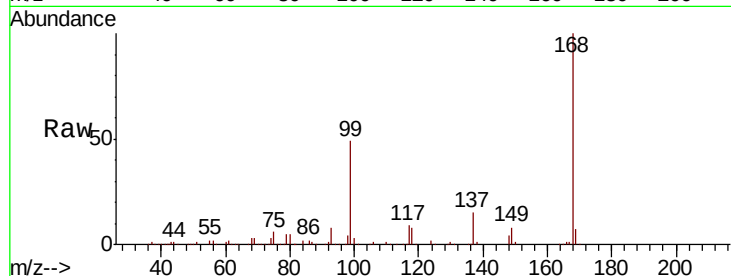
BL01

Tot Ion:168 Resp: 800846

Ion Ratio Lower Upper

168 100

99 48.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

8.14

400000

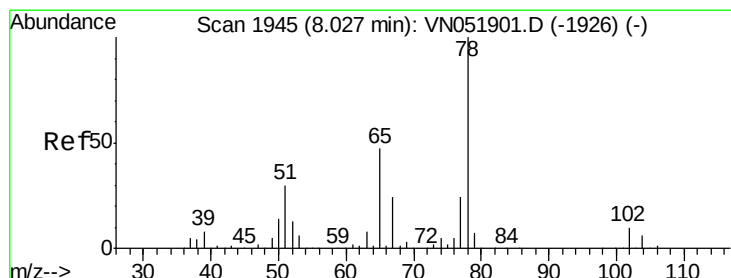
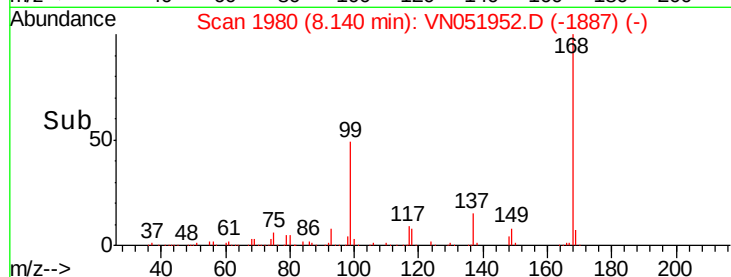
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.45 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VN051952.D

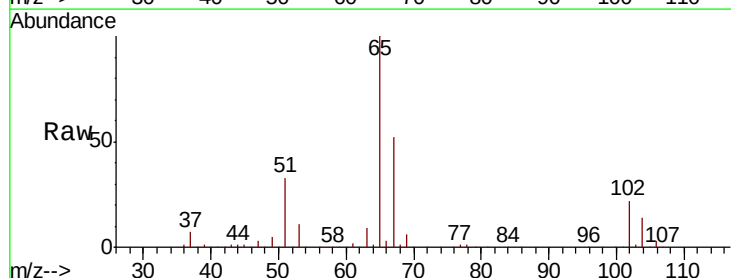
Acq: 19 Oct 2018 17:07

Tgt Ion: 65 Resp: 497969

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.45

250000

200000

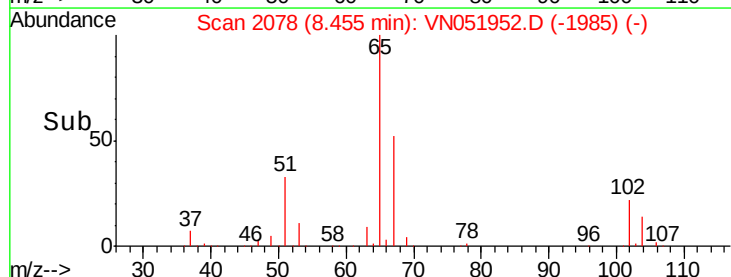
150000

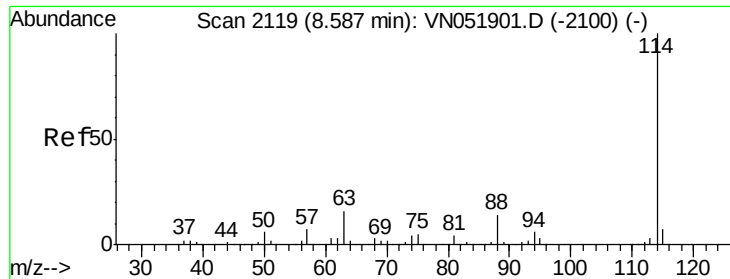
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.91 min Scan# 2221

Delta R.T. 0.00 min

Lab File: VN051952.D

Acq: 19 Oct 2018 17:07

Instrument :

MSVOA_N

ClientSampleId :

BL01

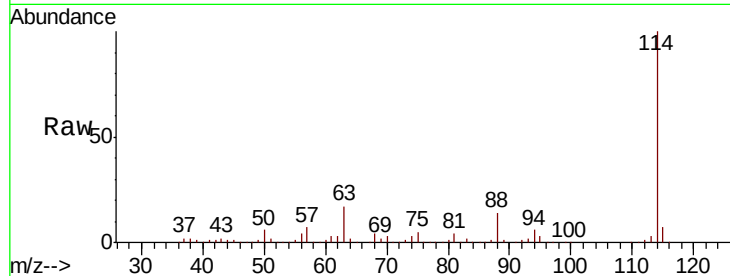
Tot Ion:114 Resp: 1265882

Ion Ratio Lower Upper

114 100

63 17.0 0.0 31.8

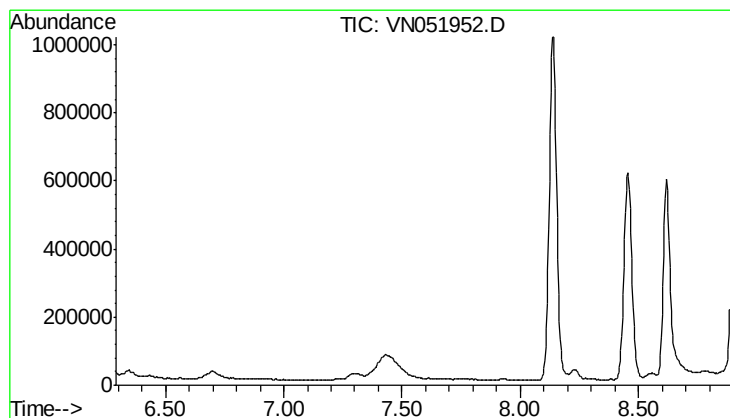
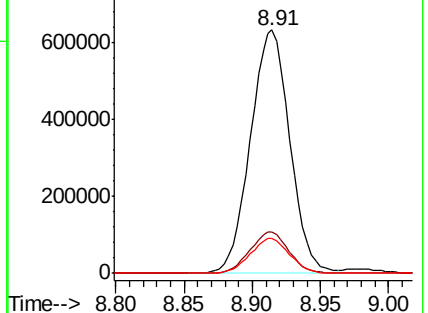
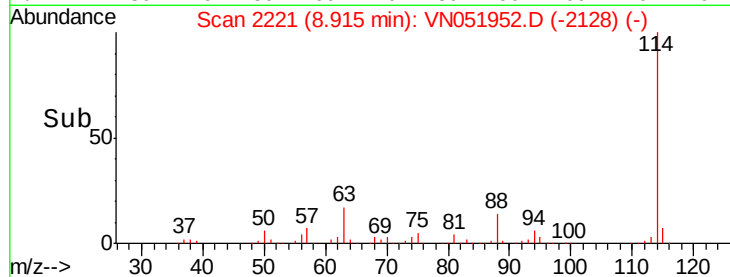
88 14.2 0.0 28.0



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: 50.000 ug/l

Expected RT: 7.59 min

Lab File: VN051952.D

Acq: 19 Oct 2018 17:07

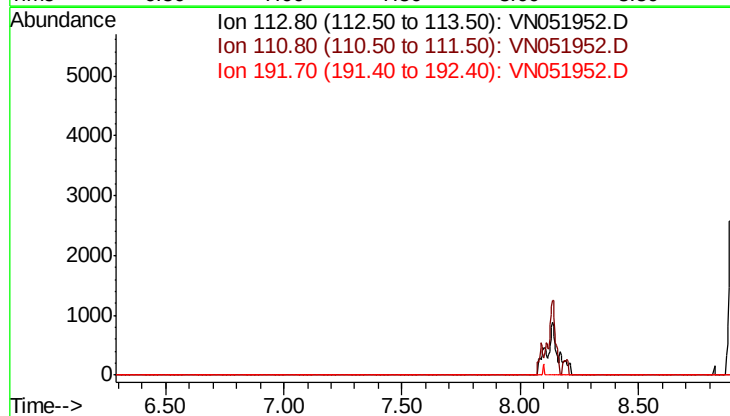
Tgt Ion: 113

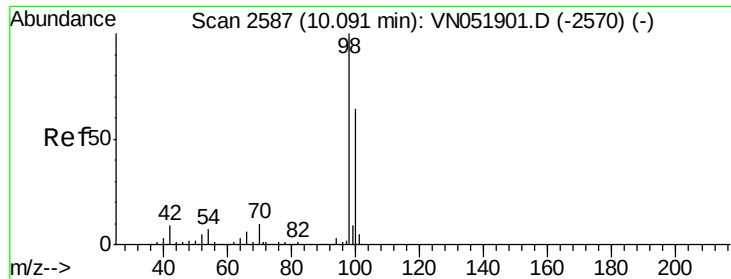
Sig Exp Ratio

113 100

111 103.2

192 21.6

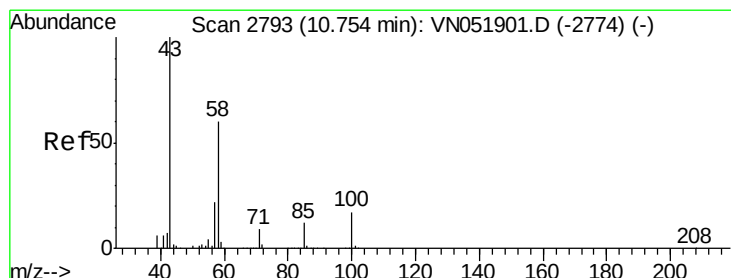
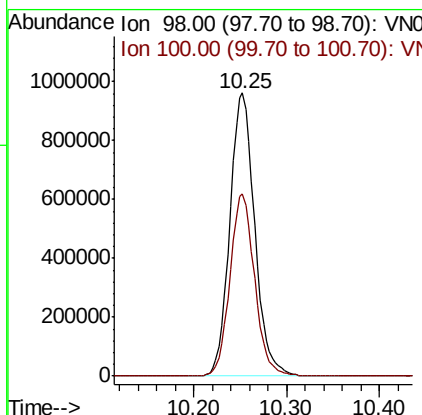
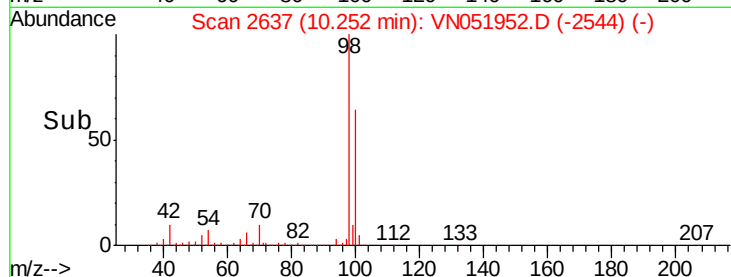
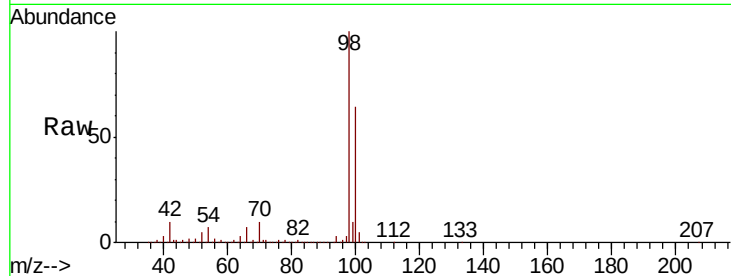




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.25 min Scan# 2637
Delta R.T. 0.00 min
Lab File: VN051952.D
Acq: 19 Oct 2018 17:07

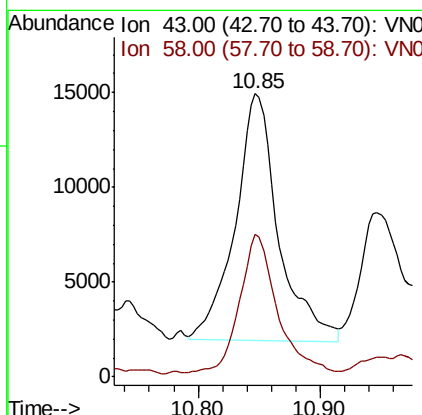
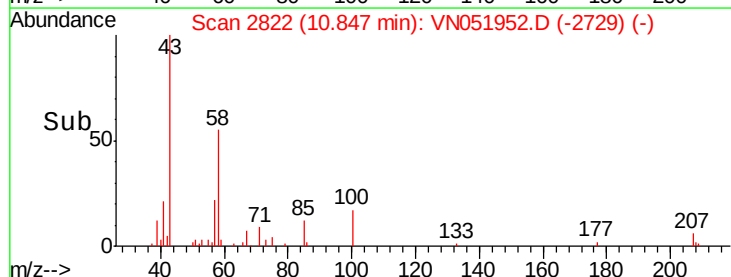
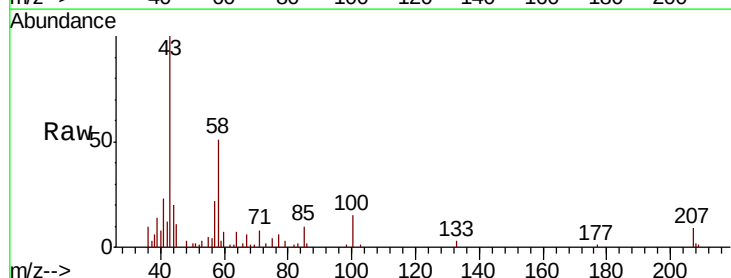
Instrument :
MSVOA_N
ClientSampled :
BL01

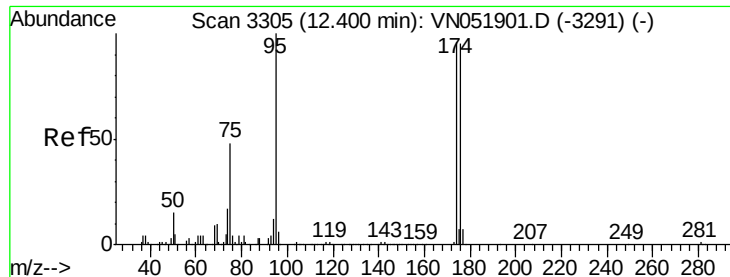
Tot Ion: 98 Resp: 1790382
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.4



#59
2-Hexanone
Concen: 10.427 ug/l
RT: 10.85 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VN051952.D
Acq: 19 Oct 2018 17:07

Tgt Ion: 43 Resp: 31978
Ion Ratio Lower Upper
43 100
58 47.2 29.8 89.5





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.44 min Scan# 3317

Delta R.T. 0.00 min

Lab File: VN051952.D

Acq: 19 Oct 2018 17:07

Instrument :

MSVOA_N

ClientSampleId :

BL01

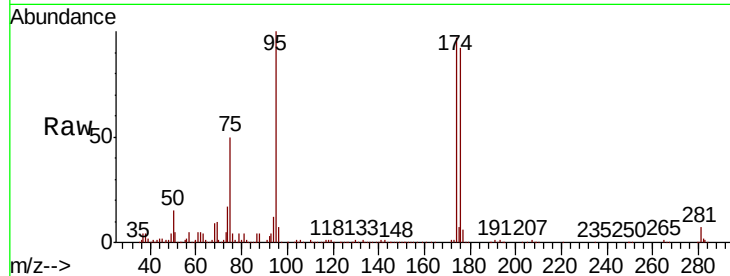
Tot Ion: 95 Resp: 654621

Ion Ratio Lower Upper

95 100

174 90.3 0.0 195.0

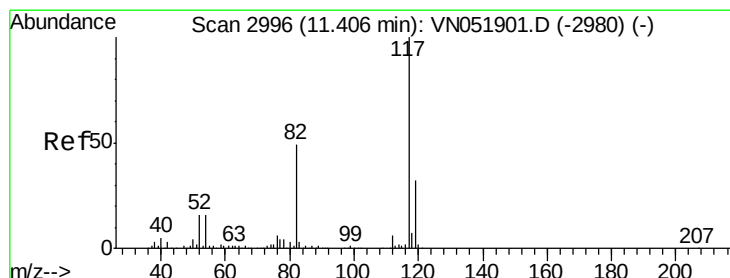
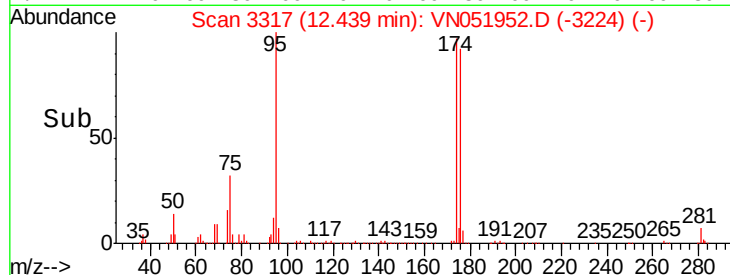
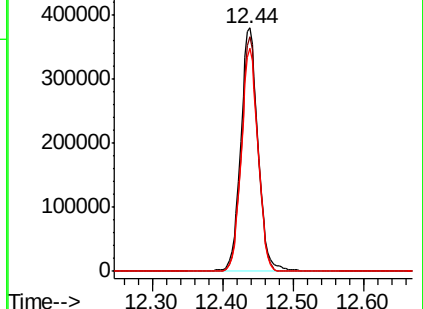
176 87.1 0.0 191.4



Abundance Ion 94.90 (94.60 to 95.60): VN051901.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051901.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051901.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN051952.D

Acq: 19 Oct 2018 17:07

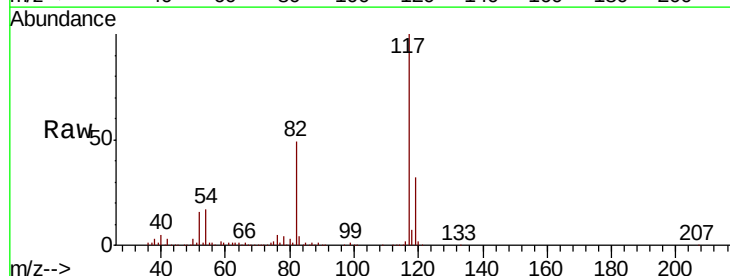
Tgt Ion: 117 Resp: 1204227

Ion Ratio Lower Upper

117 100

82 48.7 38.9 58.3

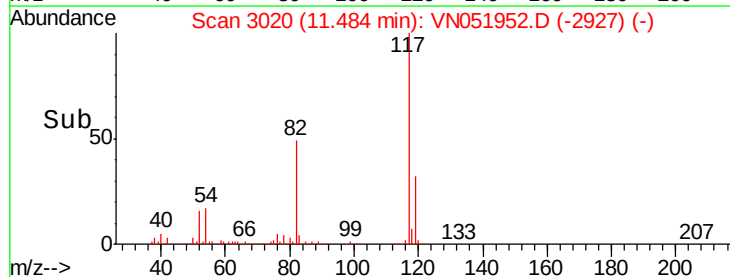
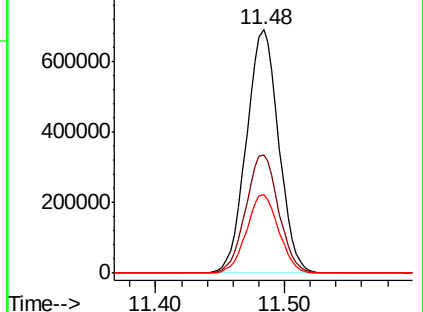
119 32.2 25.9 38.9

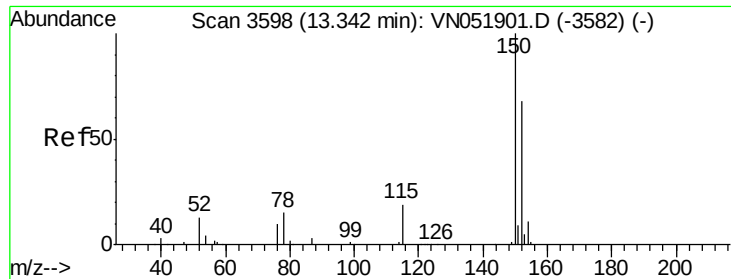


Abundance Ion 116.90 (116.60 to 117.60): VN051901.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN051901.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN051901.D (-2980) (-)



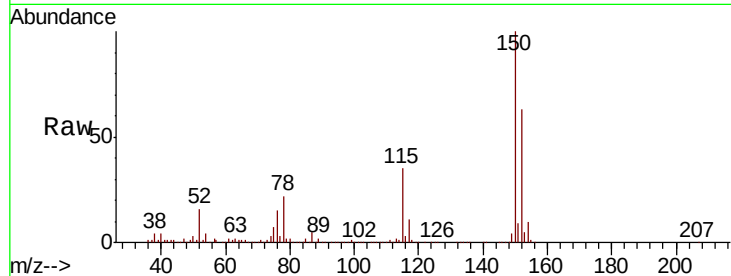


#72

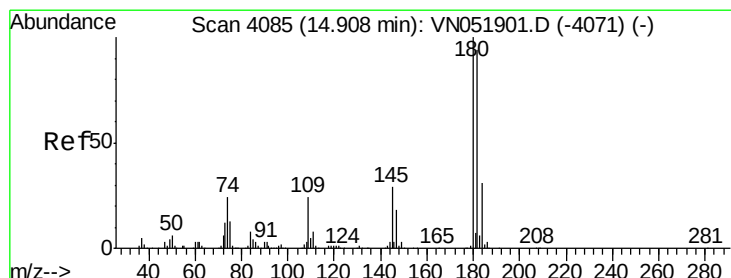
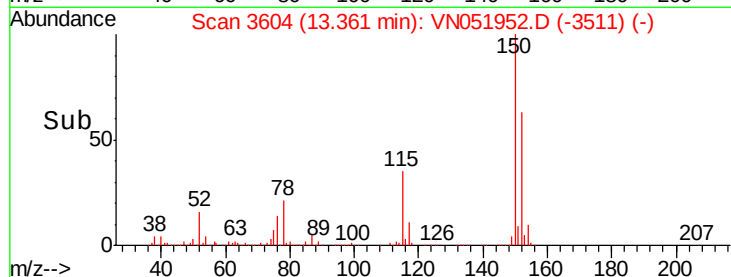
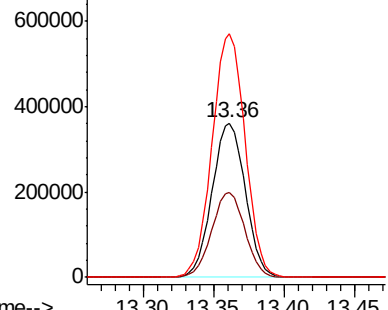
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 3604
Delta R.T. 0.00 min
Lab File: VN051952.D
Acq: 19 Oct 2018 17:07

Instrument :
MSVOA_N
ClientSampleId :
BL01

Tot Ion:152 Resp: 597250
Ion Ratio Lower Upper
152 100
115 54.6 26.7 80.1
150 156.8 0.0 346.4



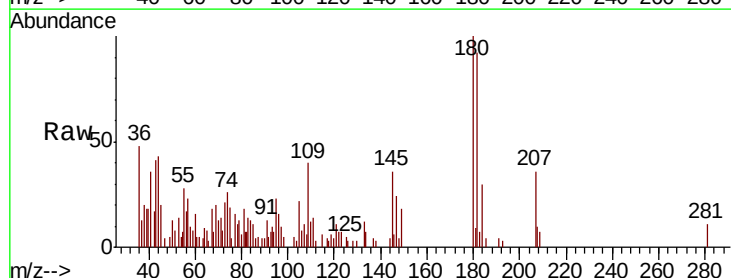
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



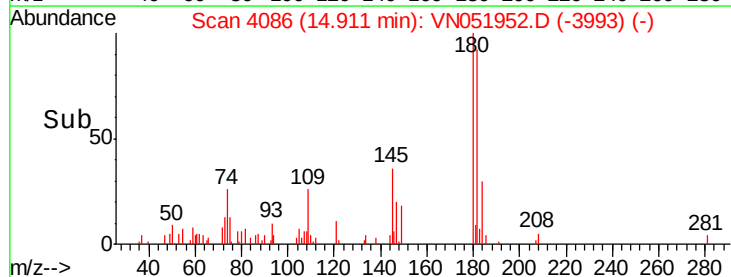
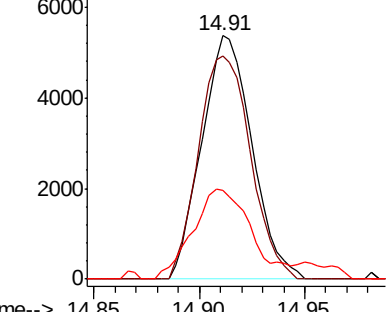
#93

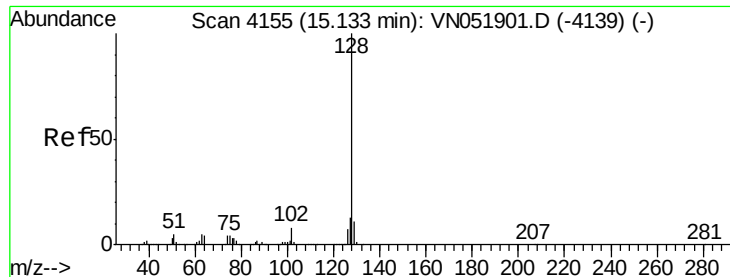
1,2,4-Trichlorobenzene
Concen: 4.904 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN051952.D
Acq: 19 Oct 2018 17:07

Tgt Ion:180 Resp: 8875
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.9
145 42.8 14.5 43.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 11.561 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051952.D

Acq: 19 Oct 2018 17:07

Instrument :

MSVOA_N

ClientSampleId :

BL01

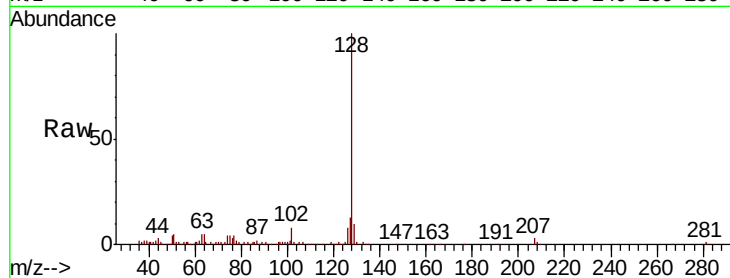
Tot Ion:128 Resp: 159621

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

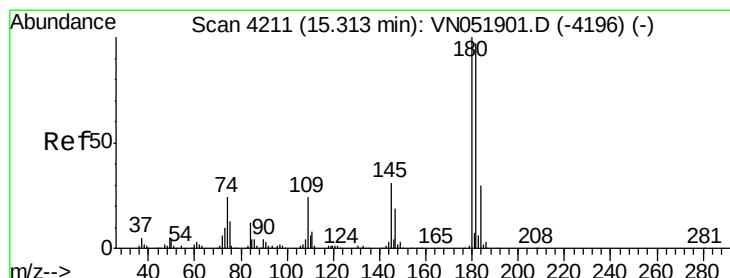
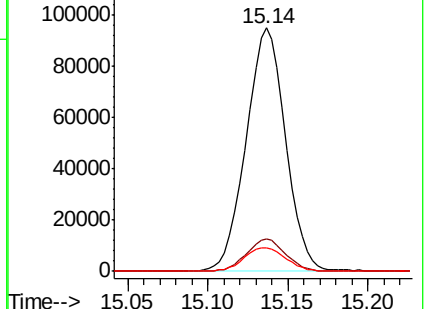
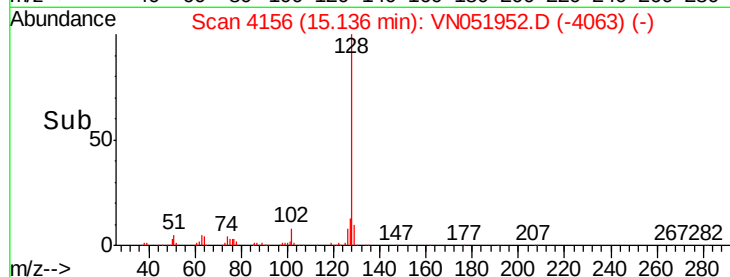
129 10.6 8.5 12.7



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



#96

1,2,3-Trichlorobenzene

Concen: 3.725 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051952.D

Acq: 19 Oct 2018 17:07

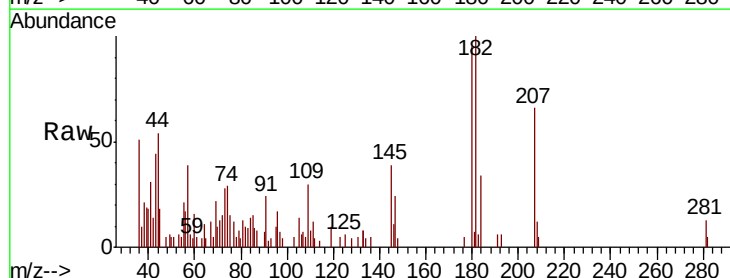
Tgt Ion:180 Resp: 8028

Ion Ratio Lower Upper

180 100

182 101.8 47.9 143.8

145 47.8 15.2 45.6#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

