

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051319\
 Data File : VN055578.D
 Acq On : 13 May 2019 16:36
 Operator : JC/SP
 Sample : K2840-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB_051319(TRIP-BLANK)

Quant Time: May 14 03:17:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

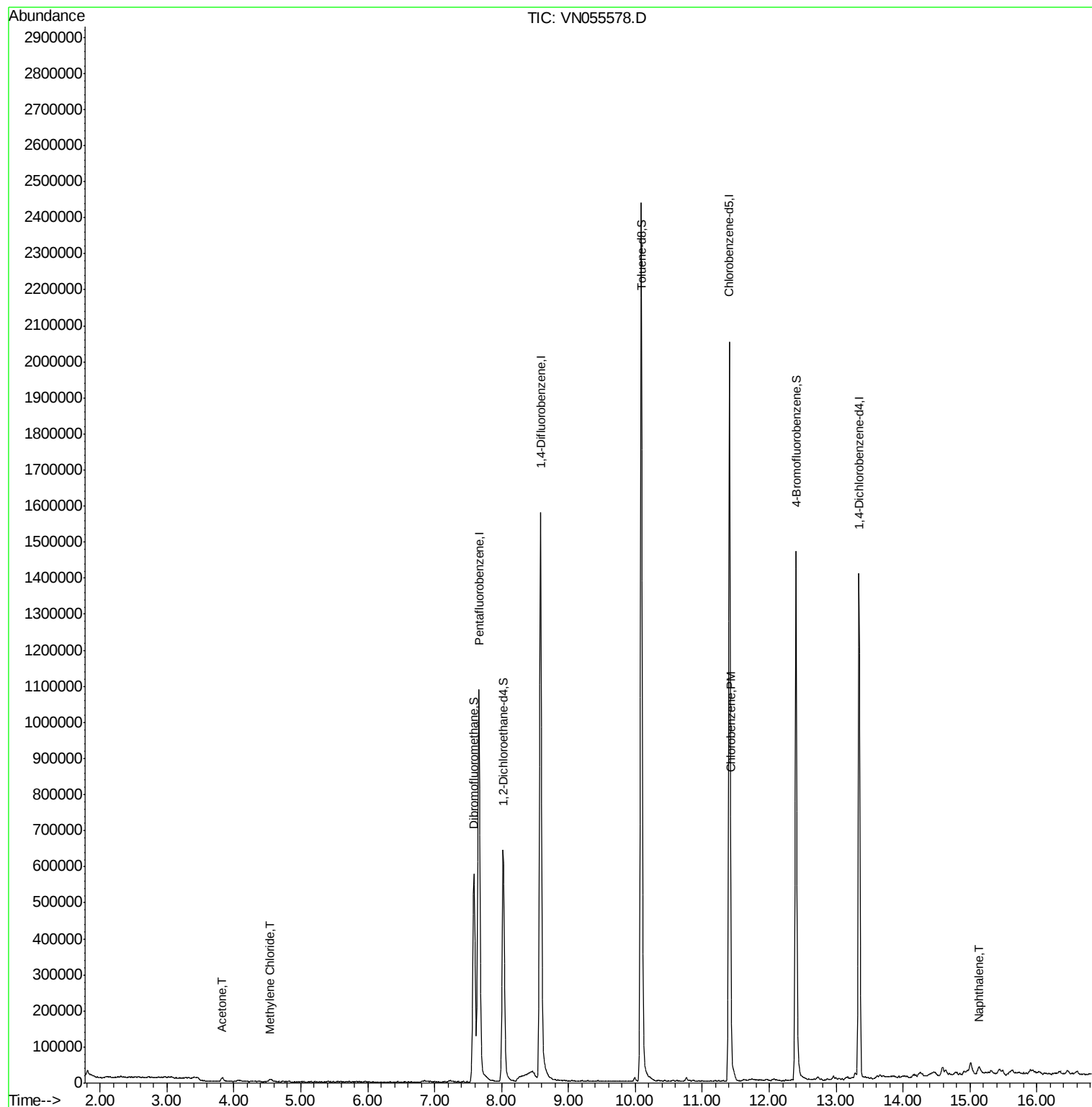
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	918105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1518609	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1265423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	385971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	567363	41.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.08%	
35) Dibromofluoromethane	7.59	113	460929	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
50) Toluene-d8	10.09	98	1837992	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.40	95	540264	41.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.94%	
Target Compounds						
16) Acetone	3.83	43	21267	3.323	ug/l	99
20) Methylene Chloride	4.55	84	4871	0.372	ug/l #	84
65) Chlorobenzene	11.43	112	8983	0.345	ug/l	99
95) Naphthalene	15.13	128	12715	3.681	ug/l #	94

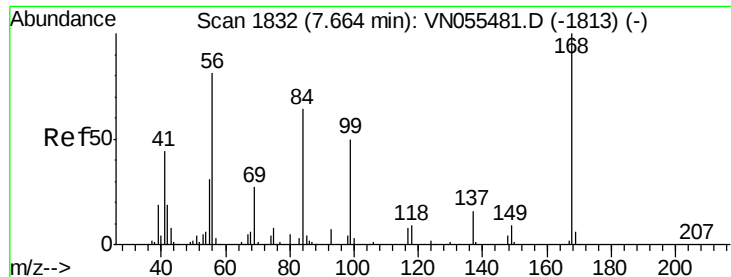
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055578.D

Acq: 13 May 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

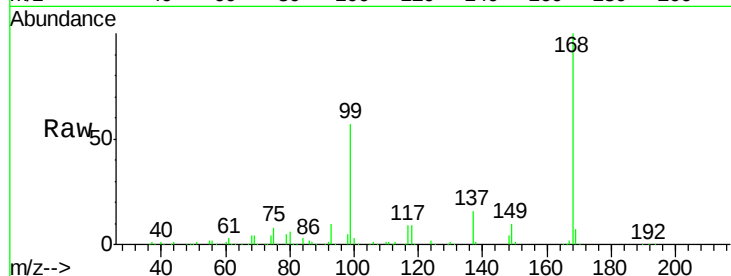
TB_051319(TRIP-BLANK)

Tot Ion:168 Resp: 918105

Ion Ratio Lower Upper

168 100

99 56.6 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

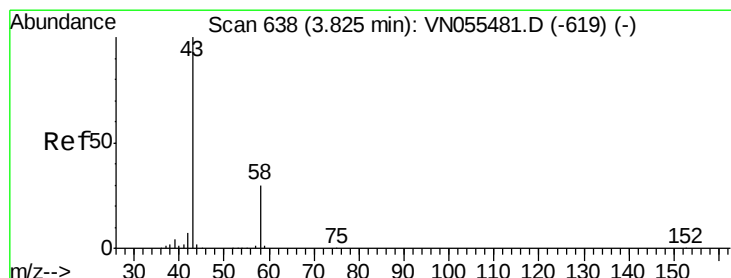
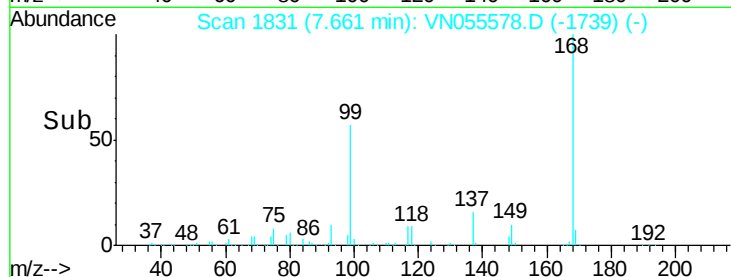
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.323 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.00 min

Lab File: VN055578.D

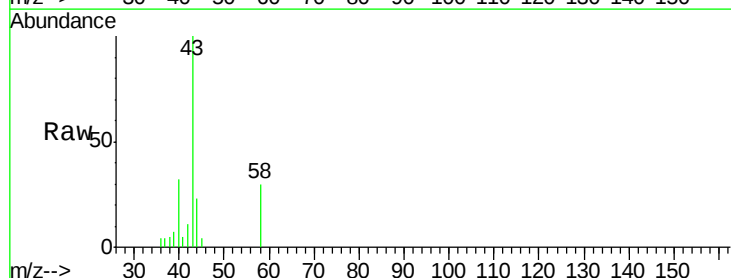
Acq: 13 May 2019 16:36

Tgt Ion: 43 Resp: 21267

Ion Ratio Lower Upper

43 100

58 29.7 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

8000

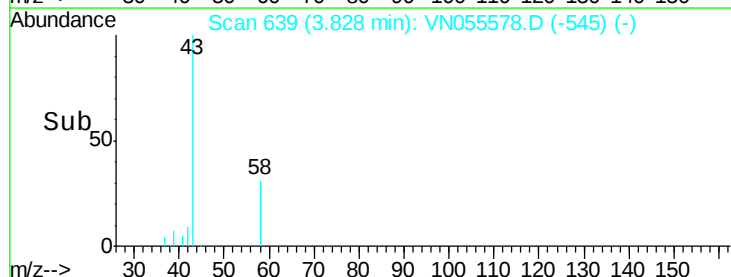
6000

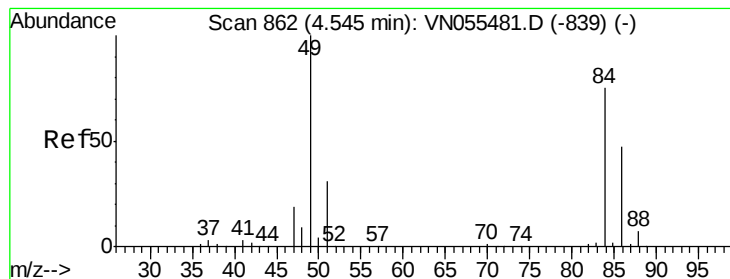
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 0.372 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN055578.D

Acq: 13 May 2019 16:36

Instrument :
MSVOA_N
ClientSampleId :
TB_051319(TRIP-BLANK)

Tot Ion: 84 Resp: 4871

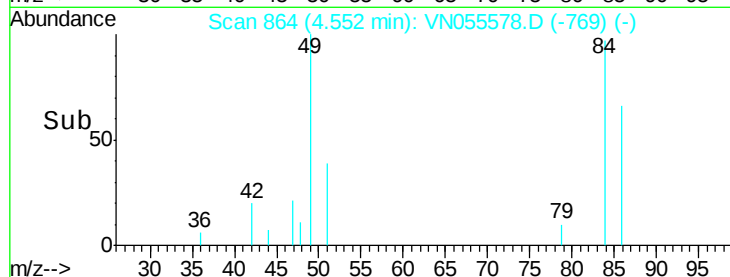
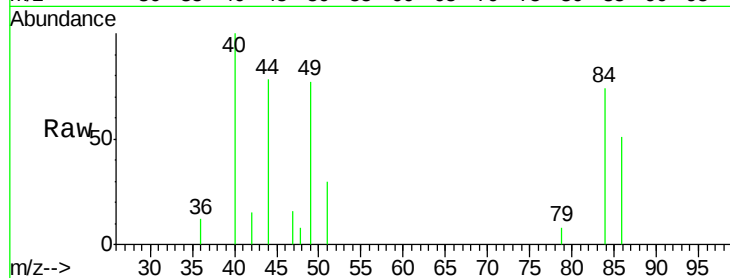
Ion Ratio Lower Upper

84 100

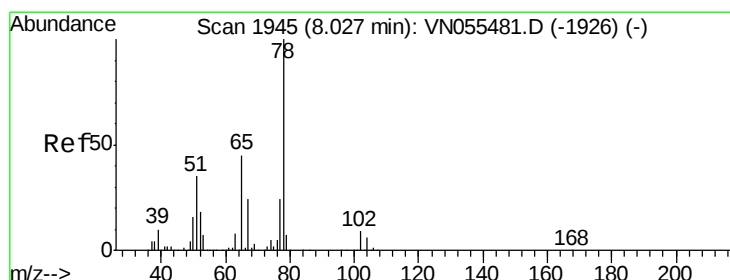
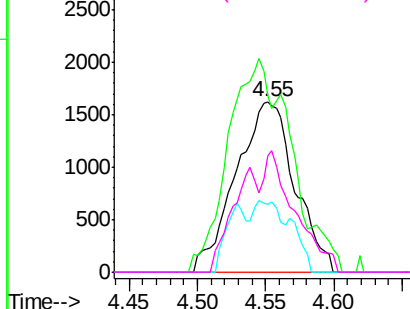
49 103.6 107.0 160.6#

51 40.0 33.0 49.4

86 68.5 50.6 76.0



Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 41.043 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN055578.D

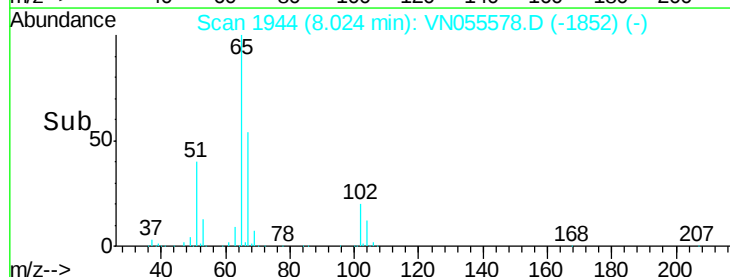
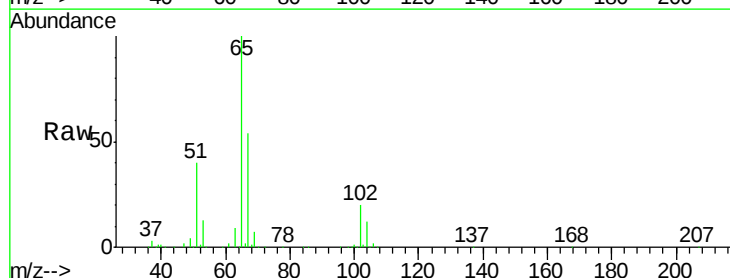
Acq: 13 May 2019 16:36

Tgt Ion: 65 Resp: 567363

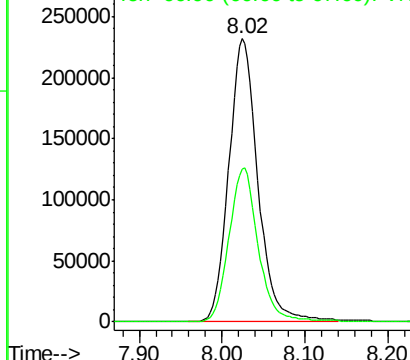
Ion Ratio Lower Upper

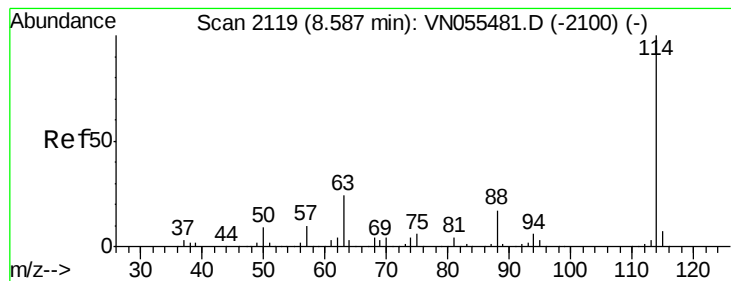
65 100

67 54.2 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN055578.D

Acq: 13 May 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

TB_051319(TRIP-BLANK)

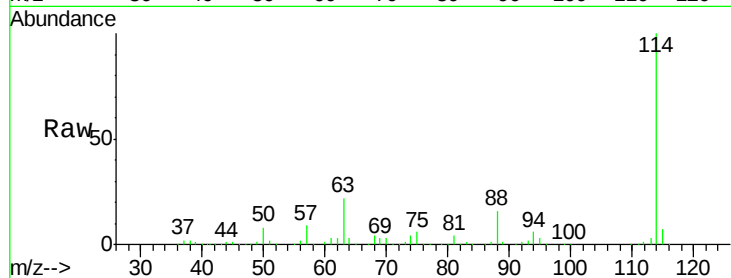
Tot Ion:114 Resp: 1518609

Ion Ratio Lower Upper

114 100

63 21.8 0.0 47.4

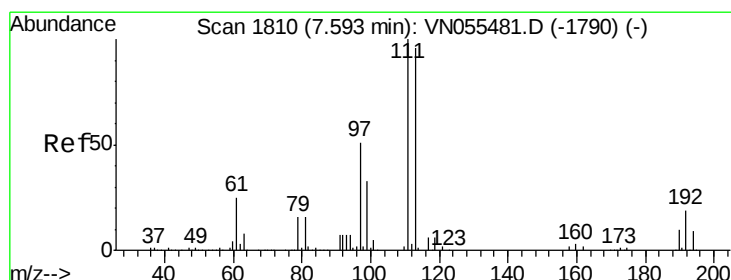
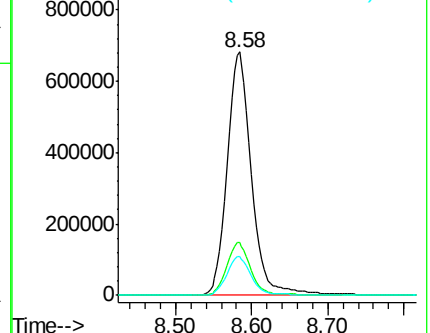
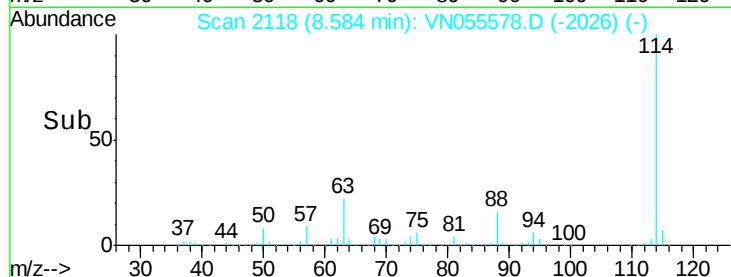
88 15.9 0.0 34.0



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: 47.052 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VN055578.D

Acq: 13 May 2019 16:36

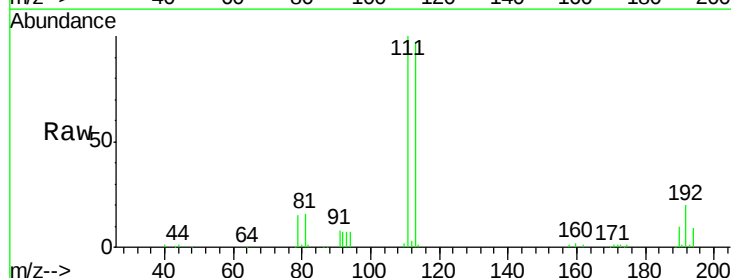
Tgt Ion:113 Resp: 460929

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

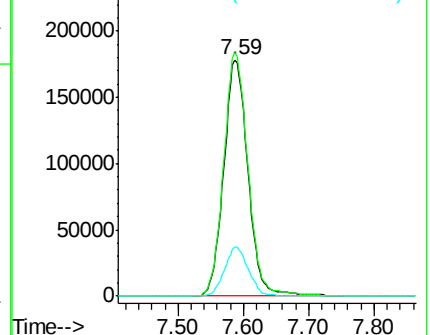
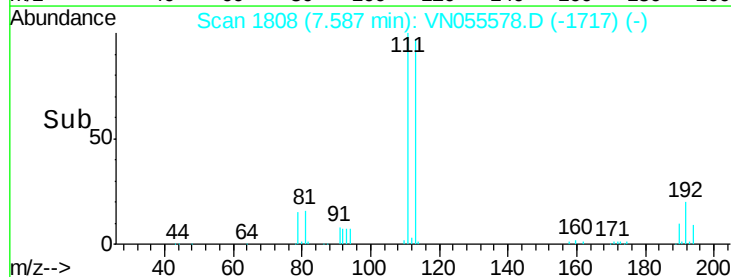
192 20.4 15.6 23.4

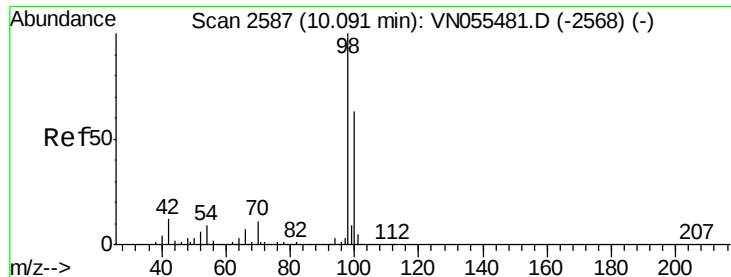


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.147 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055578.D

Acq: 13 May 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

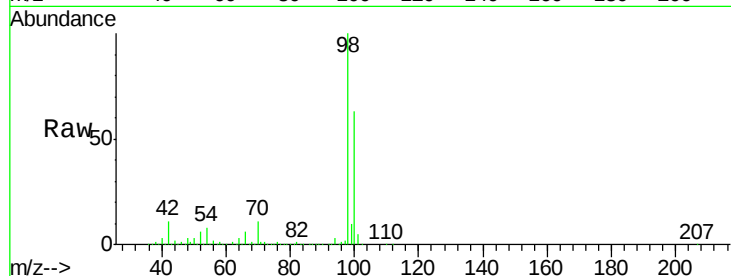
TB_051319(TRIP-BLANK)

Tot Ion: 98 Resp: 1837992

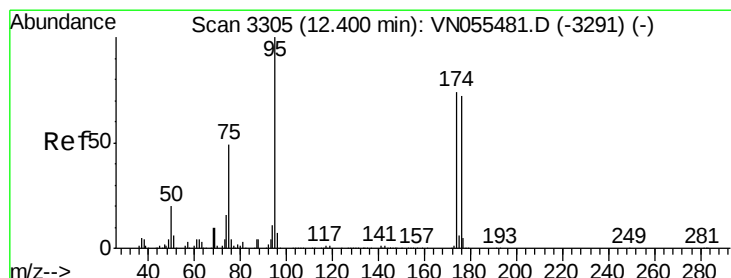
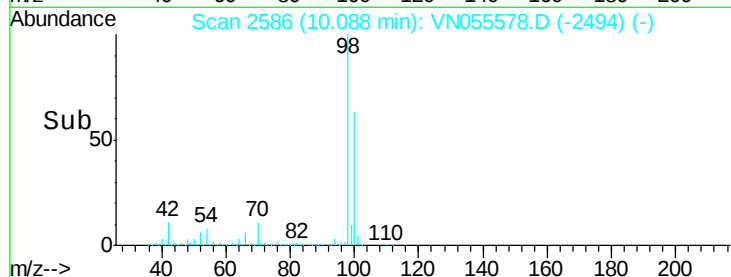
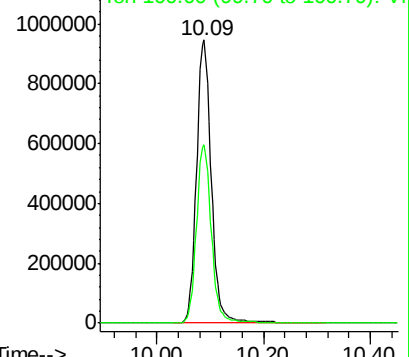
Ion Ratio Lower Upper

98 100

100 62.9 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055578.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: 41.972 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055578.D

Acq: 13 May 2019 16:36

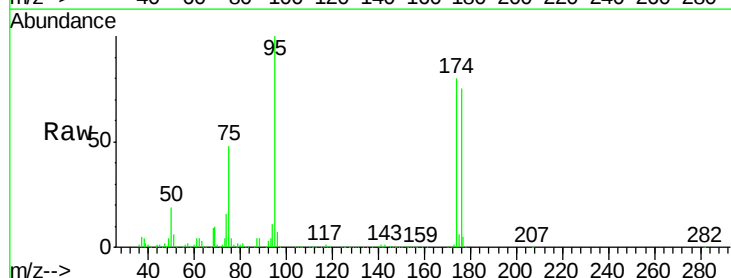
Tgt Ion: 95 Resp: 540264

Ion Ratio Lower Upper

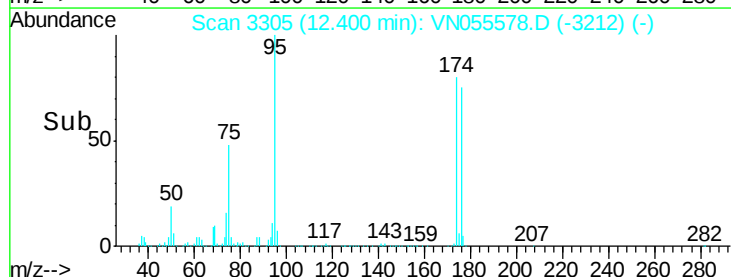
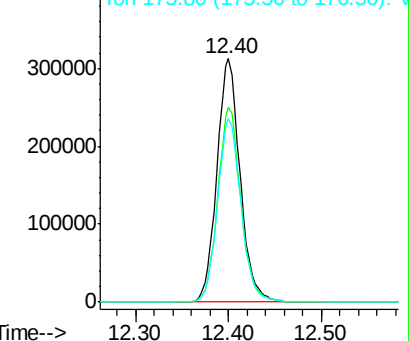
95 100

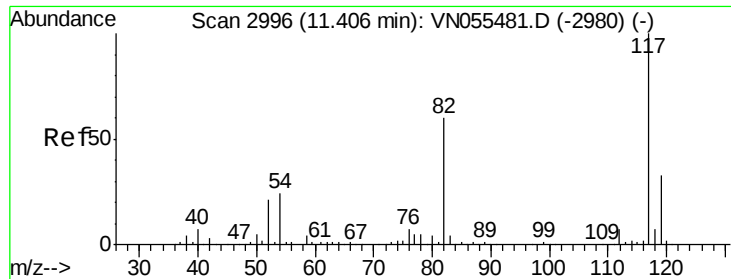
174 79.5 0.0 152.2

176 76.3 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055578.D (-3212) (-)

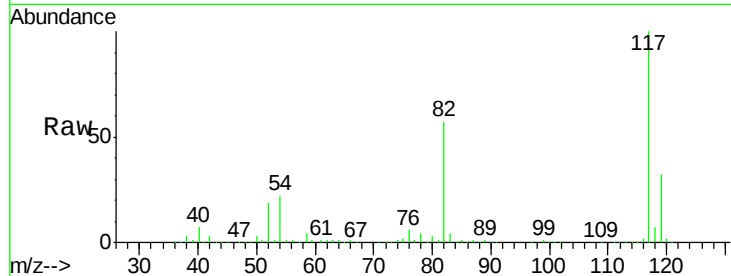




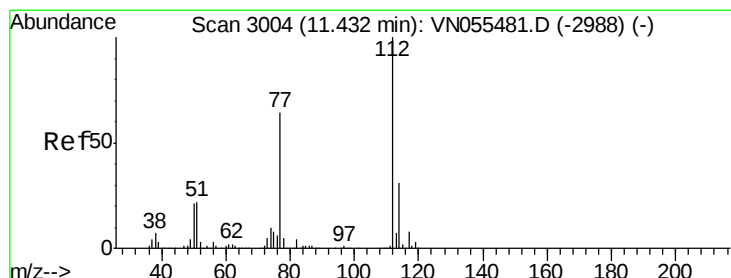
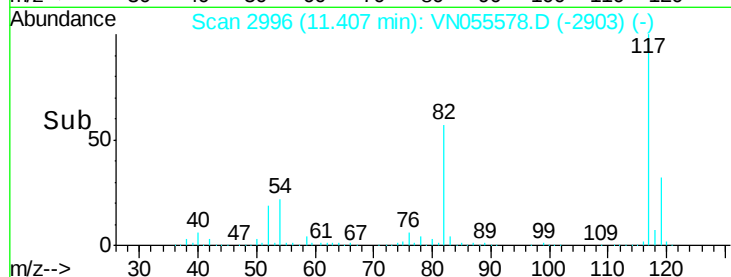
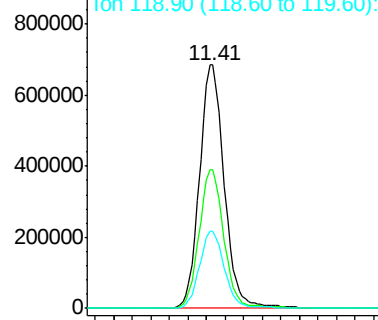
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055578.D
Acq: 13 May 2019 16:36

Instrument :
MSVOA_N
ClientSampleId :
TB_051319(TRIP-BLANK)

Tot Ion:117 Resp: 1265423
Ion Ratio Lower Upper
117 100
82 56.9 48.0 72.0
119 32.0 26.0 39.0

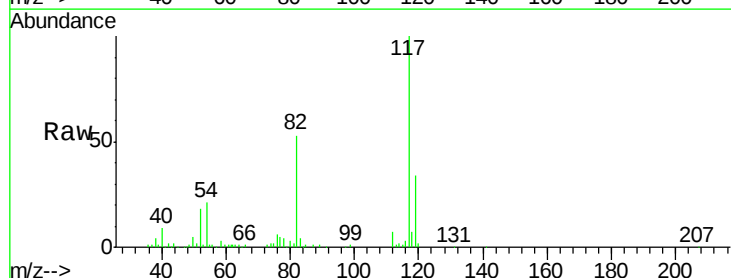


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

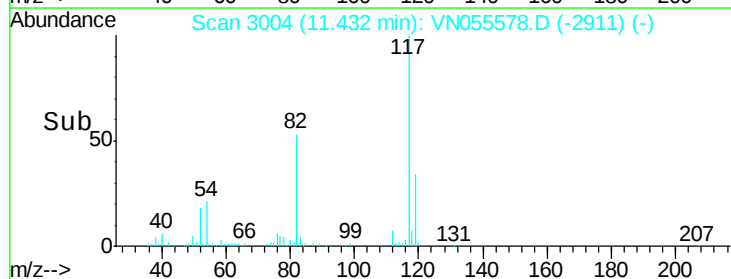
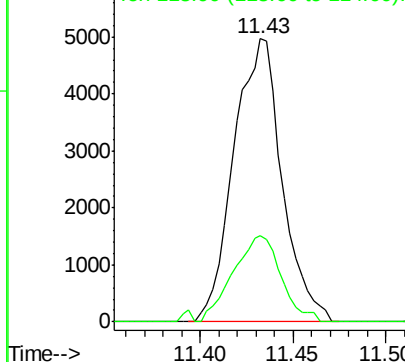


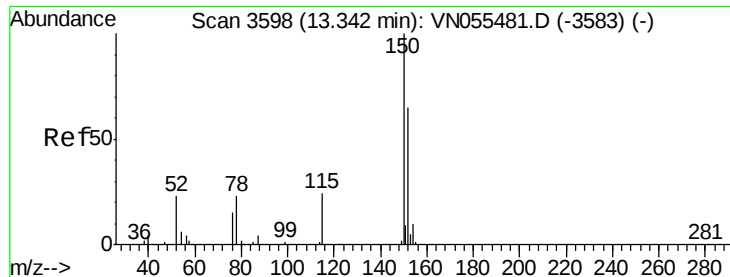
#65
Chlorobenzene
Concen: 0.345 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055578.D
Acq: 13 May 2019 16:36

Tgt Ion:112 Resp: 8983
Ion Ratio Lower Upper
112 100
114 30.5 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VN055578.D

Acq: 13 May 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

TB_051319(TRIP-BLANK)

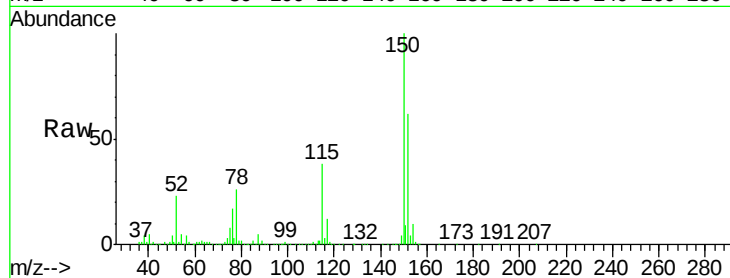
Tot Ion:152 Resp: 385971

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.5

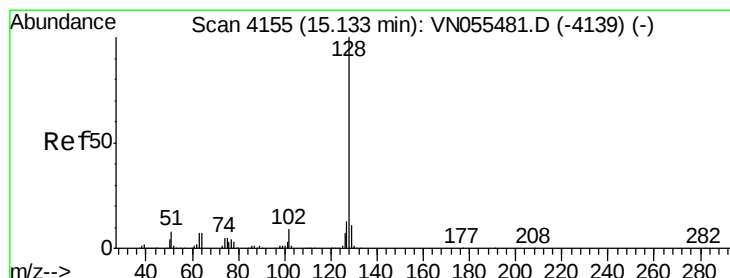
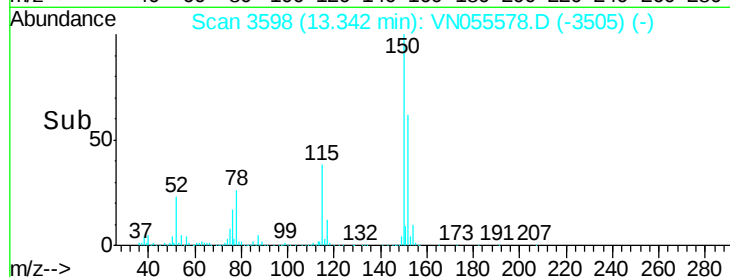
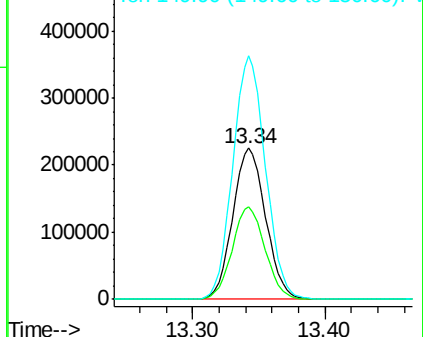
150 160.6 0.0 355.0



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: 3.681 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN055578.D

Acq: 13 May 2019 16:36

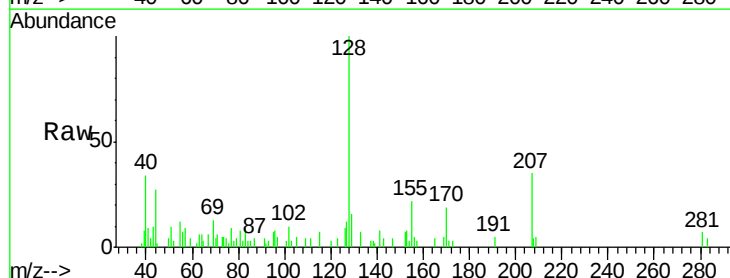
Tgt Ion:128 Resp: 12715

Ion Ratio Lower Upper

128 100

127 16.3 10.0 15.0#

129 11.5 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

