

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056203.D
 Acq On : 11 Jun 2019 6:26
 Operator : JC/SP
 Sample : K3255-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D3-20190605

Quant Time: Jun 11 09:15:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

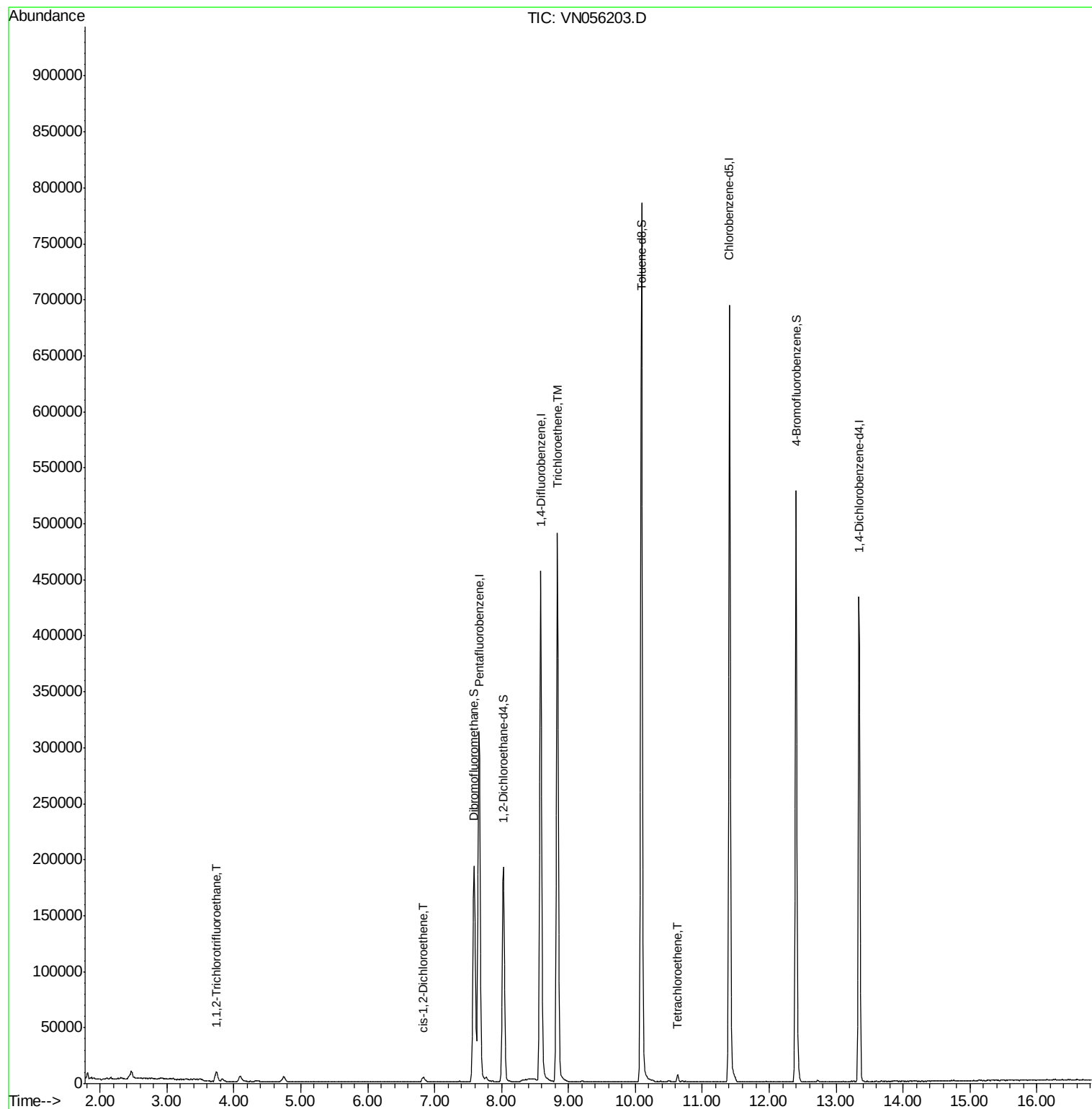
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	298338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	450579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	447819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138948	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	161115	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
35) Dibromofluoromethane	7.59	113	148985	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
50) Toluene-d8	10.09	98	589002	55.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.74%	
62) 4-Bromofluorobenzene	12.40	95	186526	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.75	101	5346	2.125	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	2546	0.807	ug/l	77
44) Trichloroethene	8.83	130	202656	59.934	ug/l	98
64) Tetrachloroethene	10.63	164	1797	0.464	ug/l	93

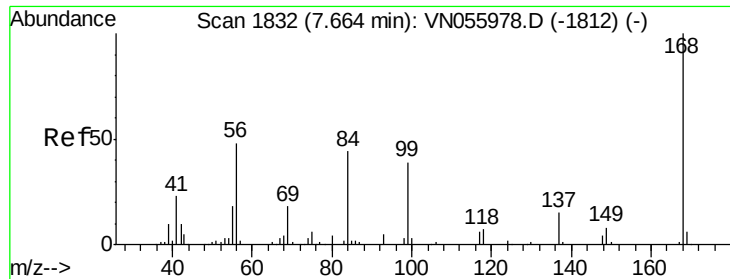
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056203.D

Acq: 11 Jun 2019 6:26

Instrument :

MSVOA_N

ClientSampleId :

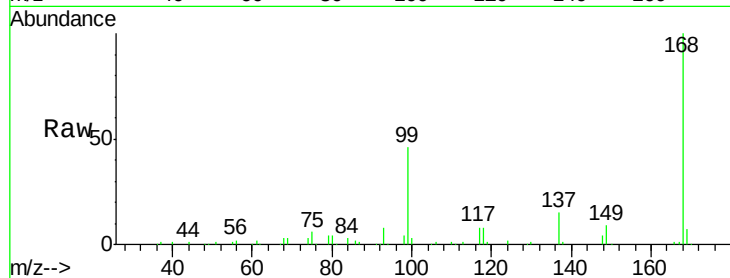
RE109D3-20190605

Tot Ion:168 Resp: 298338

Ion Ratio Lower Upper

168 100

99 45.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

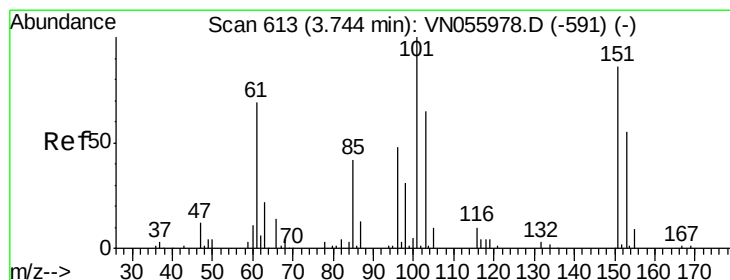
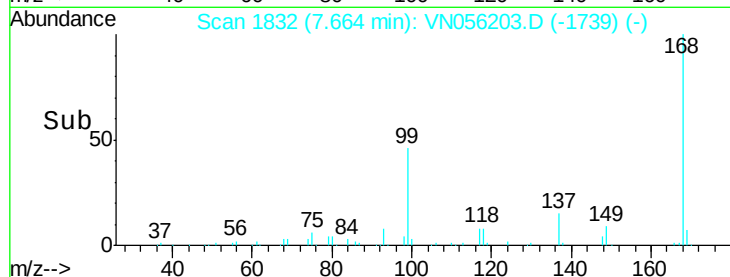
7.66

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.125 ug/l

RT: 3.75 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN056203.D

Acq: 11 Jun 2019 6:26

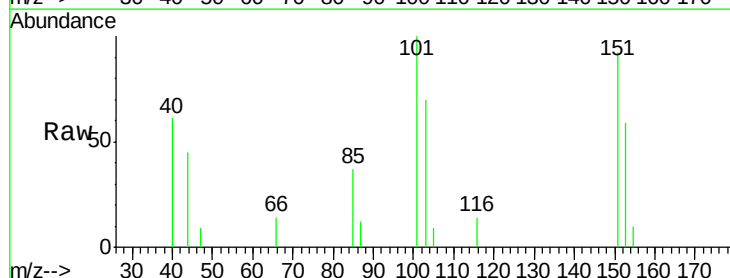
Tgt Ion:101 Resp: 5346

Ion Ratio Lower Upper

101 100

85 39.2 33.4 50.2

151 92.3 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

2500

2000

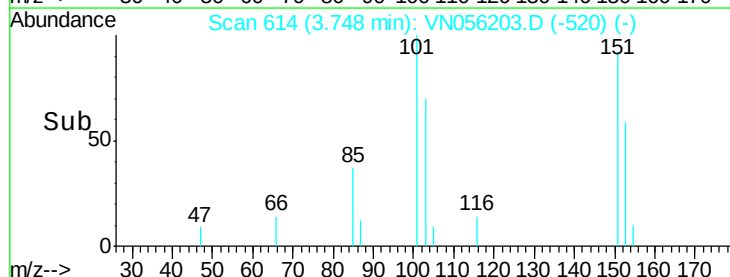
1500

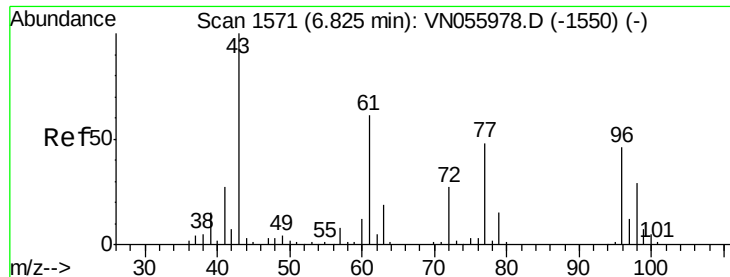
1000

500

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 0.807 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056203.D

Acq: 11 Jun 2019 6:26

Instrument :

MSVOA_N

ClientSampleId :

RE109D3-20190605

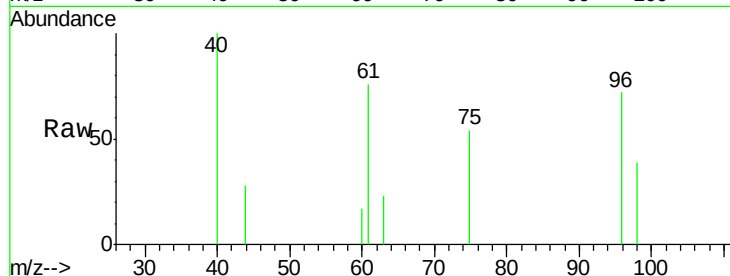
Tot Ion: 96 Resp: 2546

Ion Ratio Lower Upper

96 100

61 118.3 0.0 275.8

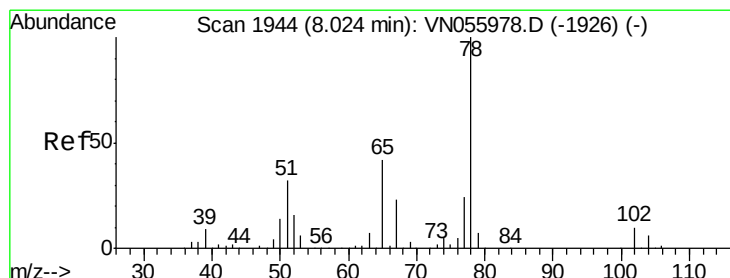
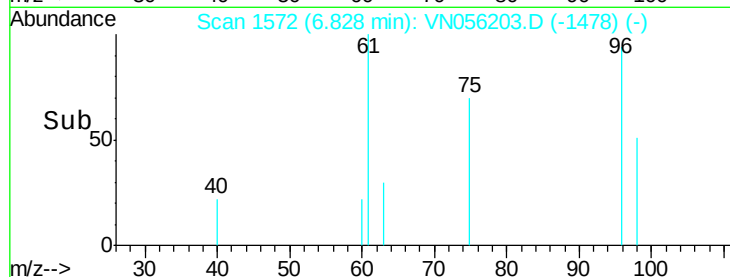
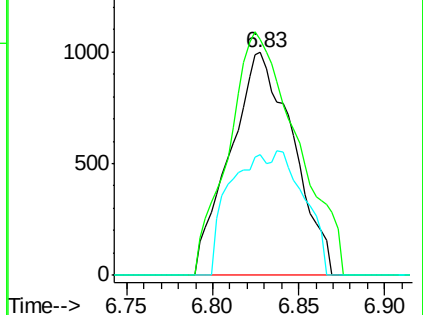
98 33.6 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 54.390 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056203.D

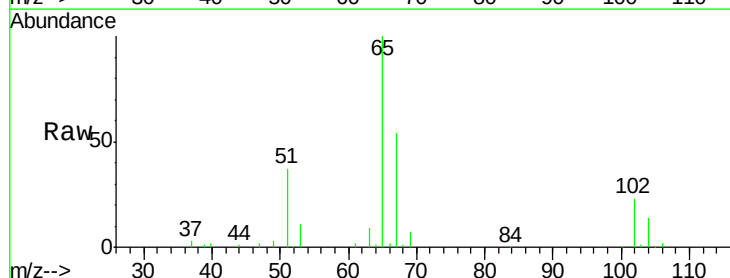
Acq: 11 Jun 2019 6:26

Tgt Ion: 65 Resp: 161115

Ion Ratio Lower Upper

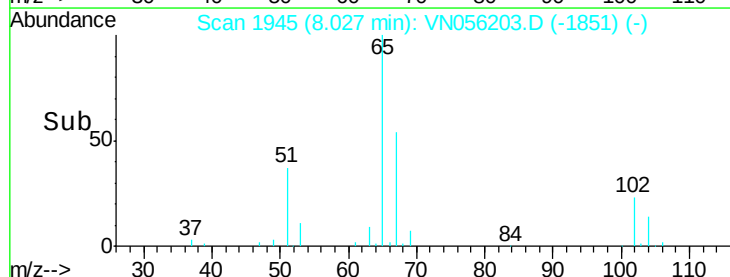
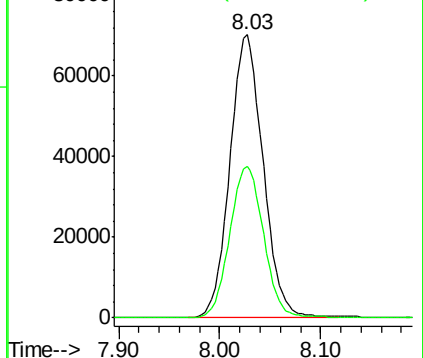
65 100

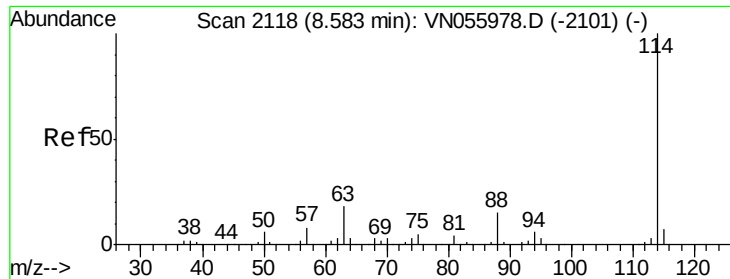
67 54.2 0.0 109.2



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: VN056203.D

Acq: 11 Jun 2019 6:26

Instrument :

MSVOA_N

ClientSampleId :

RE109D3-20190605

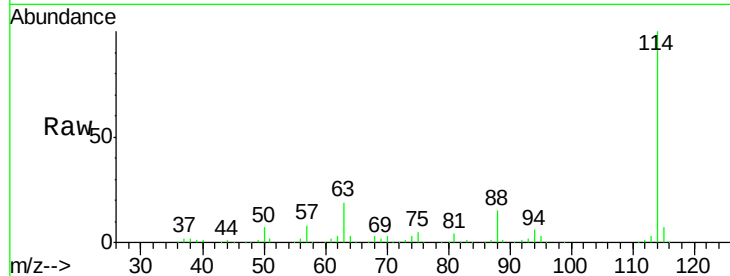
Tot Ion:114 Resp: 450579

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.2

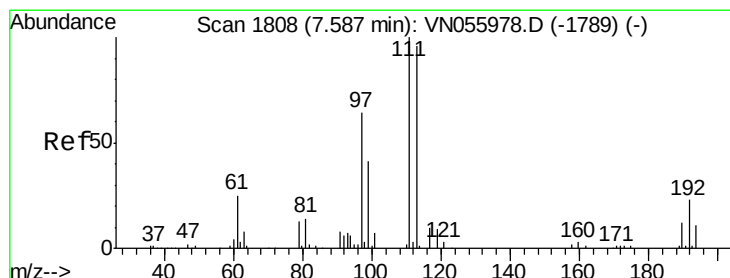
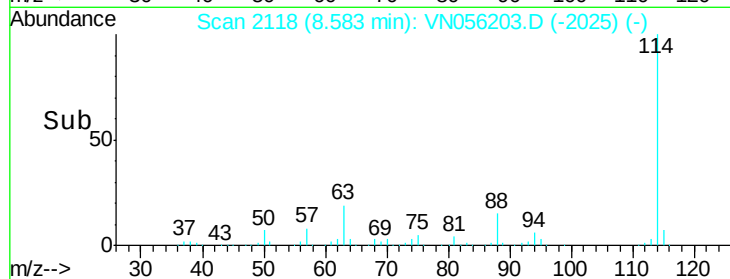
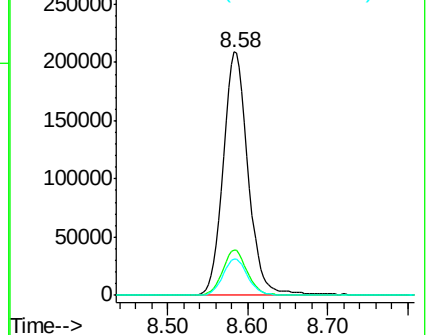
88 15.0 0.0 31.0



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: 53.893 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056203.D

Acq: 11 Jun 2019 6:26

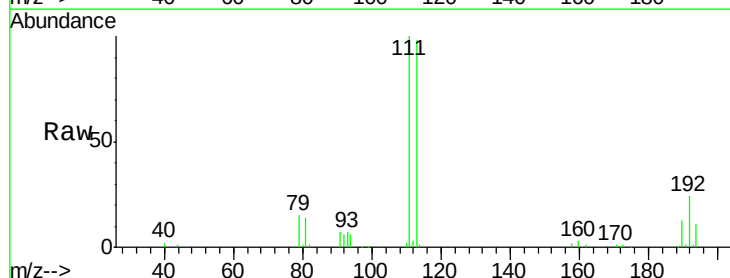
Tgt Ion:113 Resp: 148985

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

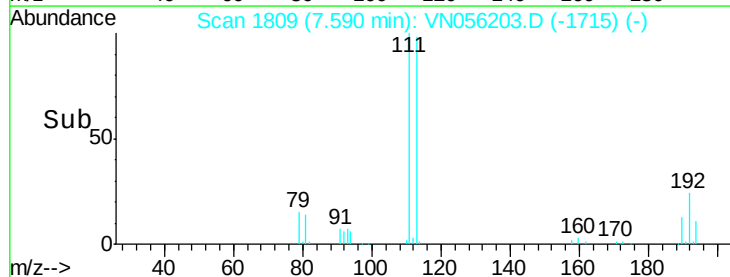
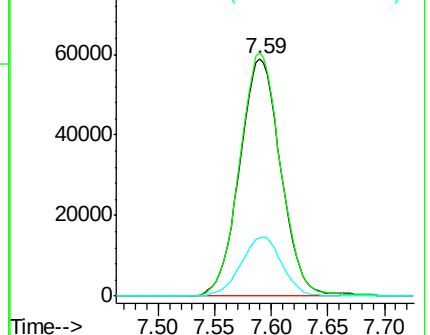
192 24.9 19.5 29.3

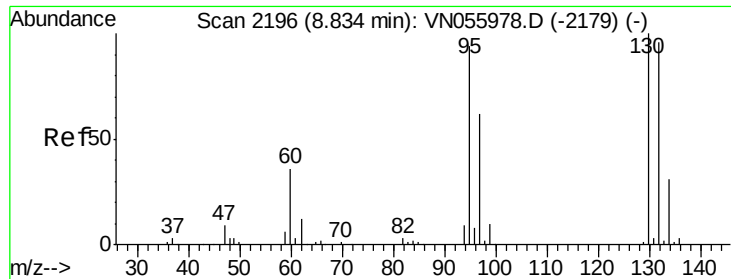


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 59.934 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056203.D

Acq: 11 Jun 2019 6:26

Instrument :

MSVOA_N

ClientSampleId :

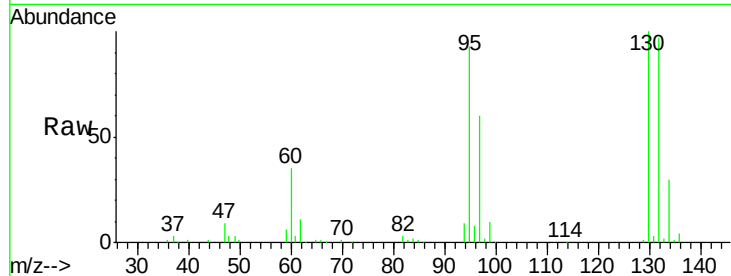
RE109D3-20190605

Tot Ion:130 Resp: 202656

Ion Ratio Lower Upper

130 100

95 92.5 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.83

100000

80000

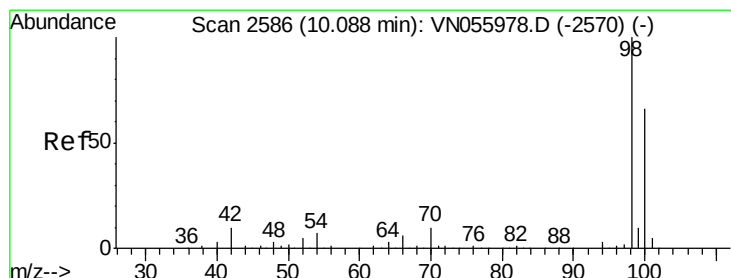
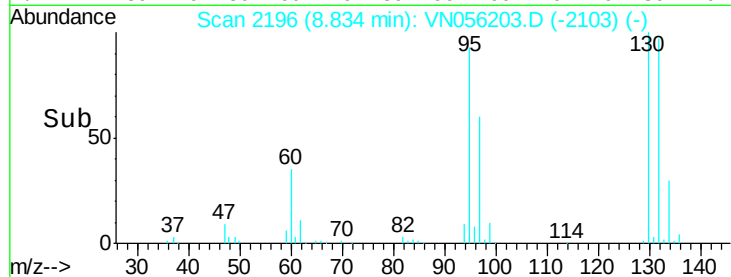
60000

40000

20000

0

Time--> 8.70 8.80 8.90



#50

Toluene-d8

Concen: 55.370 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056203.D

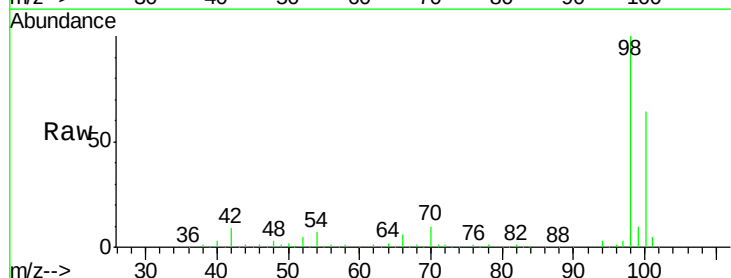
Acq: 11 Jun 2019 6:26

Tgt Ion: 98 Resp: 589002

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.09

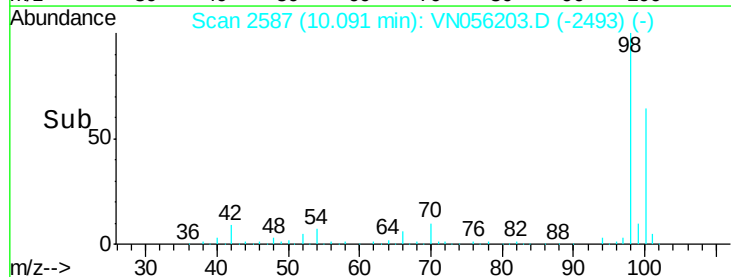
300000

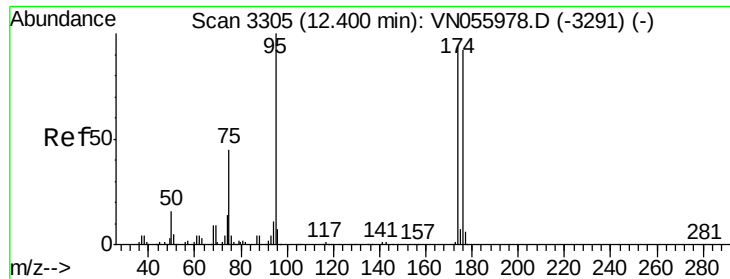
200000

100000

0

Time--> 10.00 10.10 10.20 10.30





#62

4-Bromofluorobenzene

Concen: 51.561 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056203.D

Acq: 11 Jun 2019 6:26

Instrument :

MSVOA_N

ClientSampleId :

RE109D3-20190605

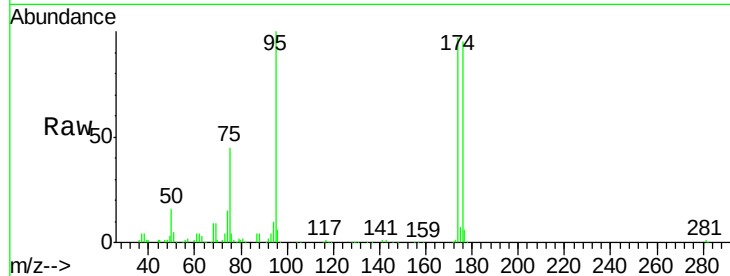
Tot Ion: 95 Resp: 186526

Ion Ratio Lower Upper

95 100

174 98.6 0.0 191.0

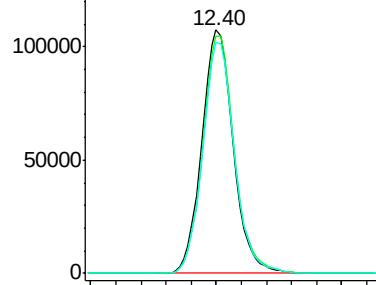
176 95.3 0.0 185.2



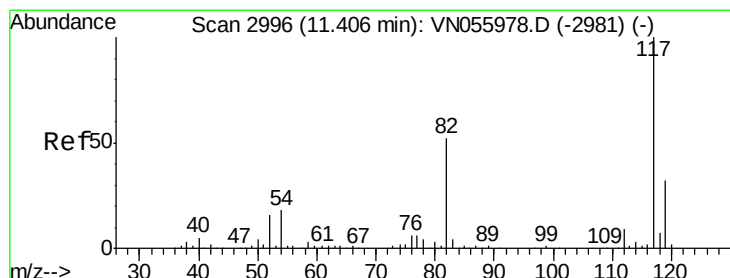
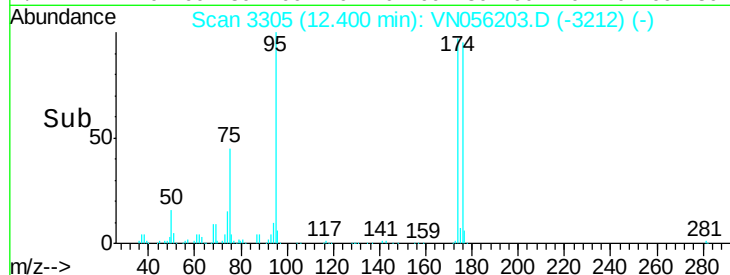
Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056203.D

Acq: 11 Jun 2019 6:26

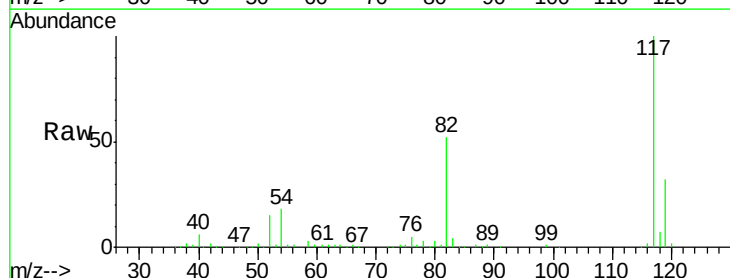
Tgt Ion: 117 Resp: 447819

Ion Ratio Lower Upper

117 100

82 51.7 41.8 62.8

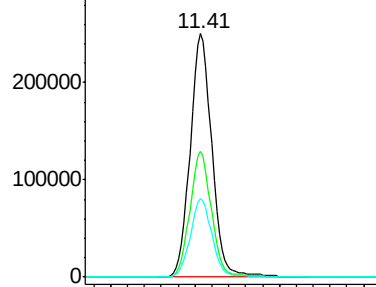
119 32.3 25.4 38.0



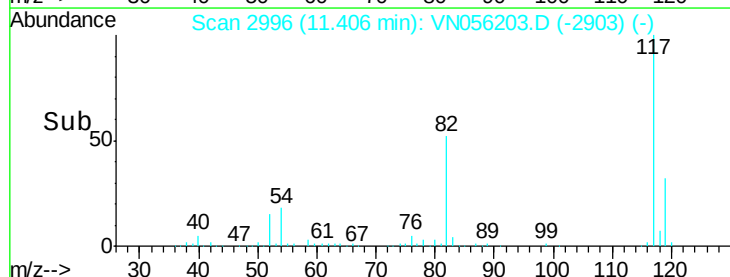
Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

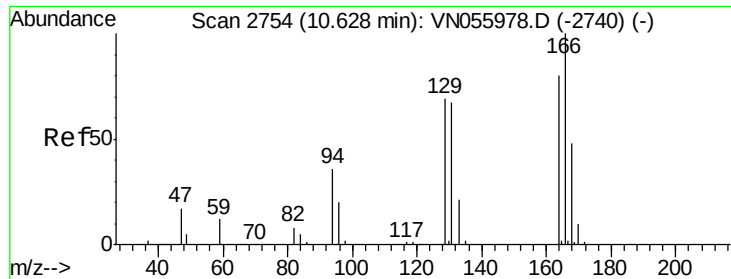
Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)



Time--> 11.30 11.40 11.50





#64

Tetrachloroethene

Concen: 0.464 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056203.D

Acq: 11 Jun 2019 6:26

Instrument :

MSVOA_N

ClientSampleId :

RE109D3-20190605

Tot Ion:164 Resp: 1797

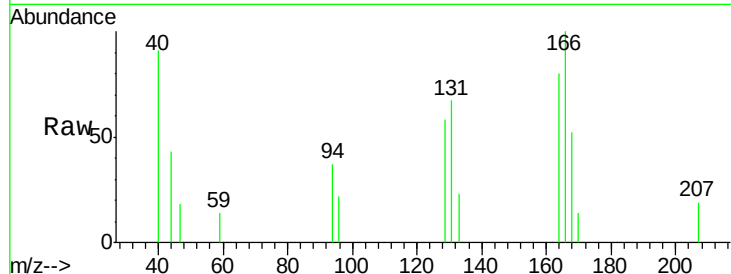
Ion Ratio Lower Upper

164 100

166 124.5 103.0 154.6

129 72.8 70.6 105.8

131 82.9 68.6 102.8

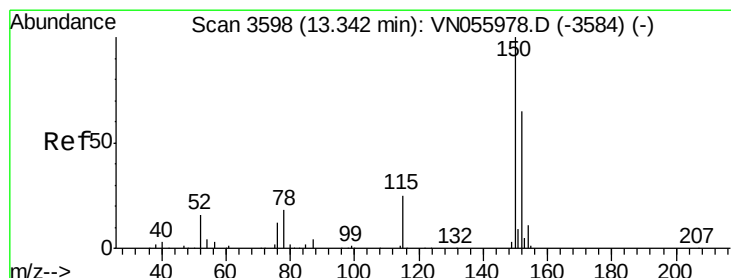
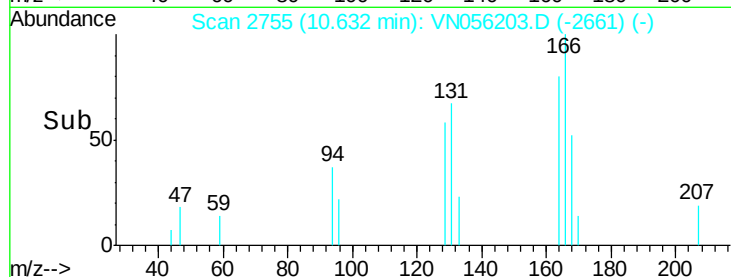
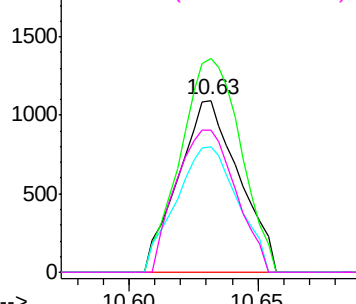


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN056203.D

Acq: 11 Jun 2019 6:26

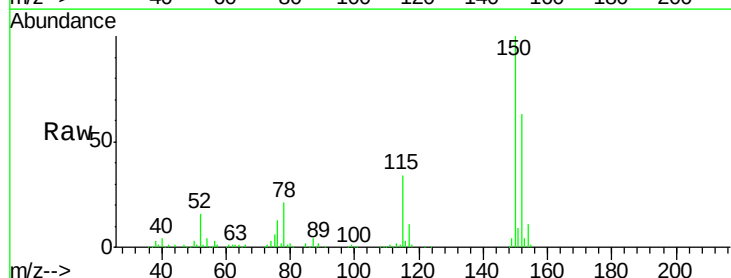
Tgt Ion:152 Resp: 138948

Ion Ratio Lower Upper

152 100

115 52.8 27.0 81.0

150 158.2 0.0 343.2



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

