

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056199.D
 Acq On : 11 Jun 2019 4:45
 Operator : JC/SP
 Sample : K3255-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D2-20190605

Quant Time: Jun 11 05:42:27 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

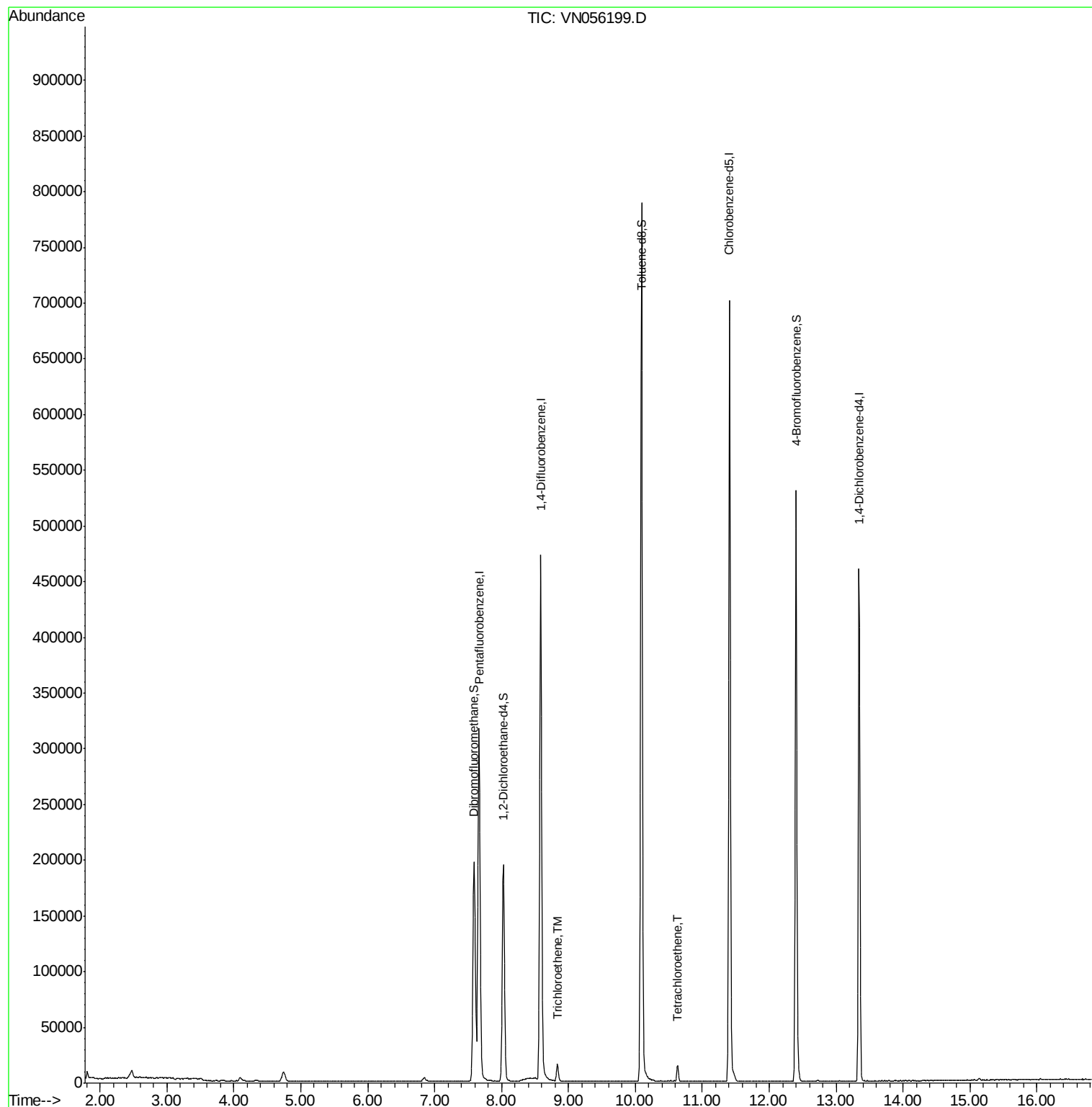
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	306589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	462421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	449599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	162638	53.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.86%	
35) Dibromofluoromethane	7.59	113	152172	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
50) Toluene-d8	10.09	98	589959	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.08%	
62) 4-Bromofluorobenzene	12.40	95	185535	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
Target Compounds						
44) Trichloroethene	8.83	130	6364	1.834	ug/l	95
64) Tetrachloroethene	10.63	164	3725	0.957	ug/l	99

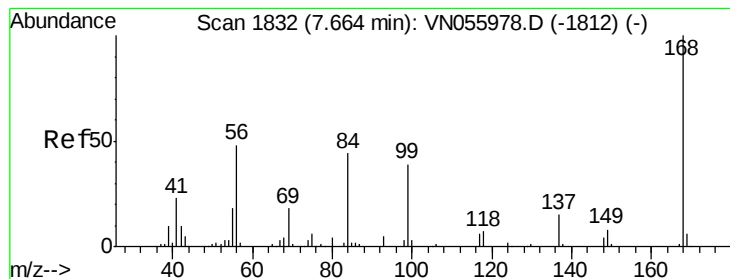
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056199.D

Acq: 11 Jun 2019 4:45

Instrument :

MSVOA_N

ClientSampleId :

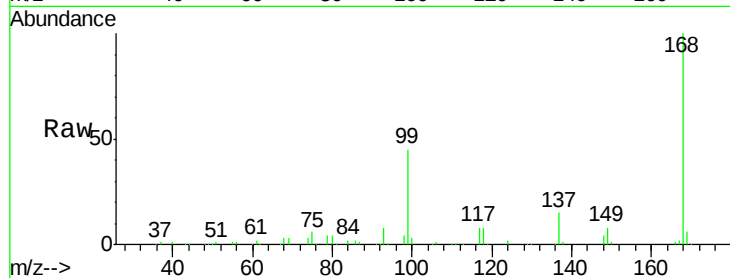
RE123D2-20190605

Tot Ion:168 Resp: 306589

Ion Ratio Lower Upper

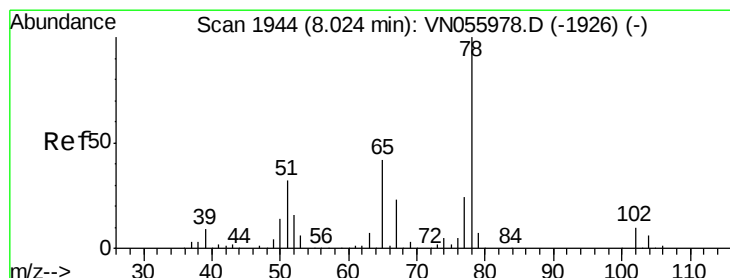
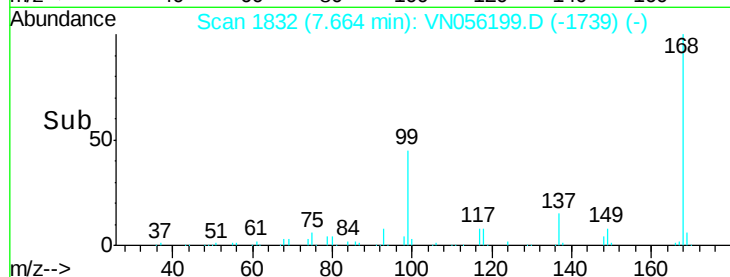
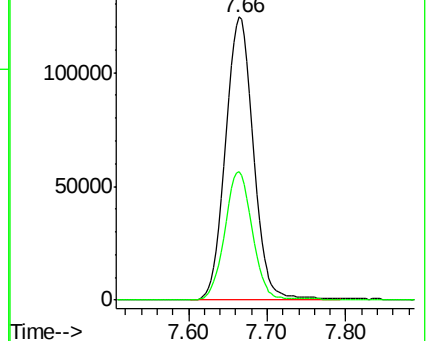
168 100

99 45.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 53.426 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056199.D

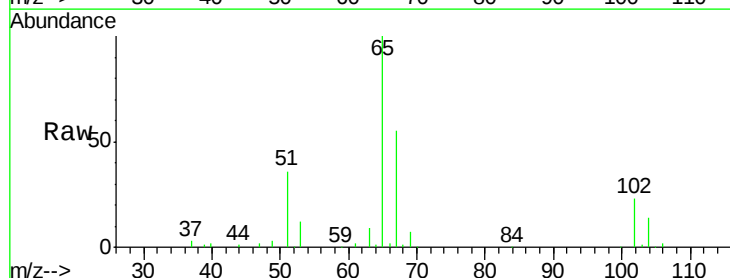
Acq: 11 Jun 2019 4:45

Tgt Ion: 65 Resp: 162638

Ion Ratio Lower Upper

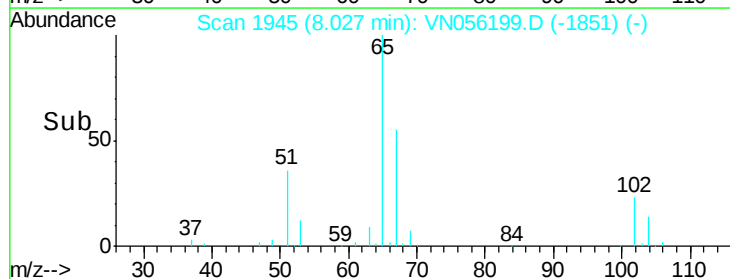
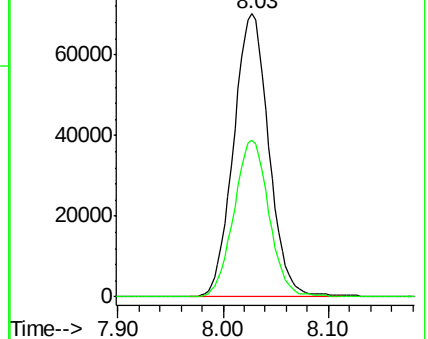
65 100

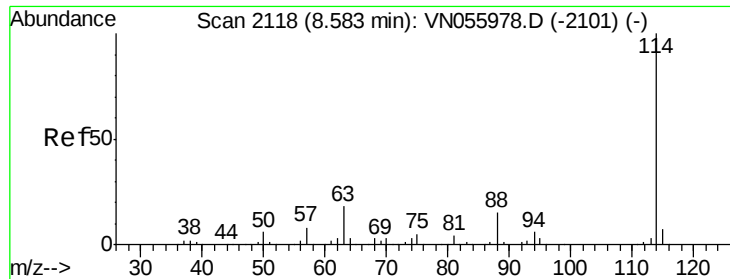
67 55.0 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

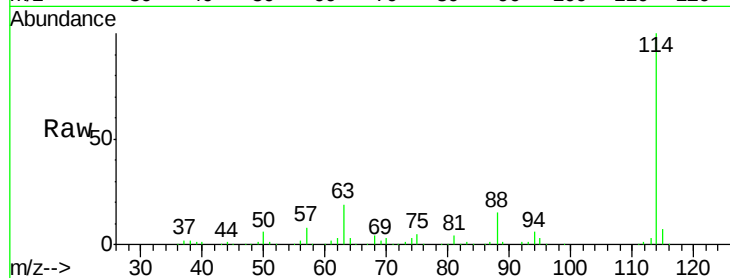




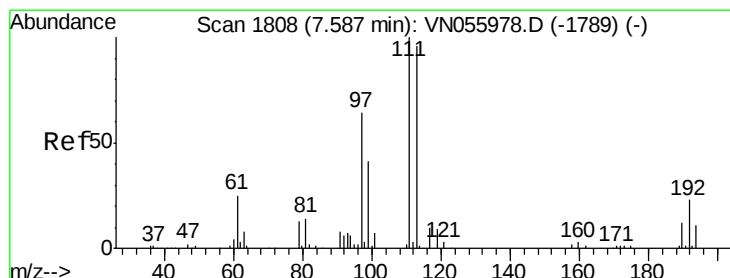
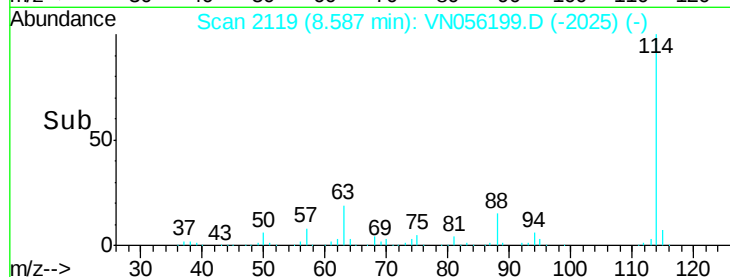
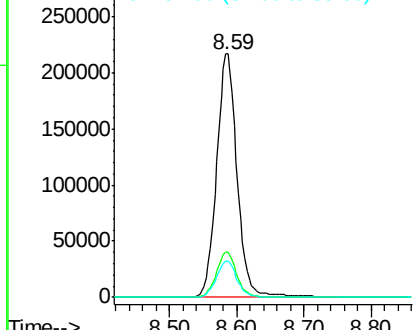
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056199.D
Acq: 11 Jun 2019 4:45

Instrument :
MSVOA_N
ClientSampleId :
RE123D2-20190605

Tot Ion:114 Resp: 462421
Ion Ratio Lower Upper
114 100
63 18.6 0.0 39.2
88 14.9 0.0 31.0

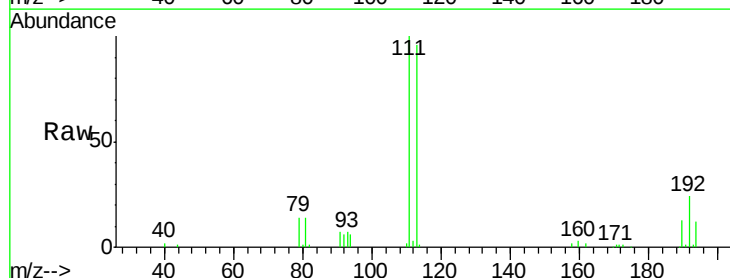


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

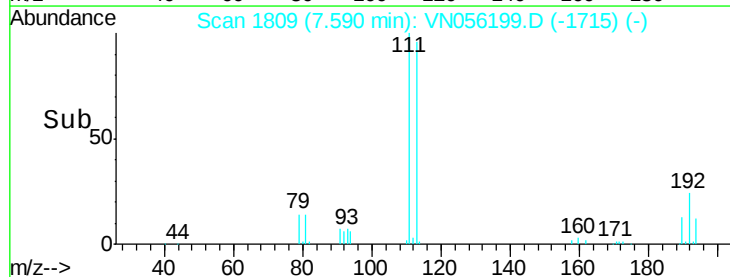
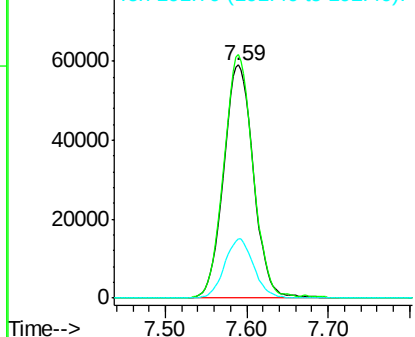


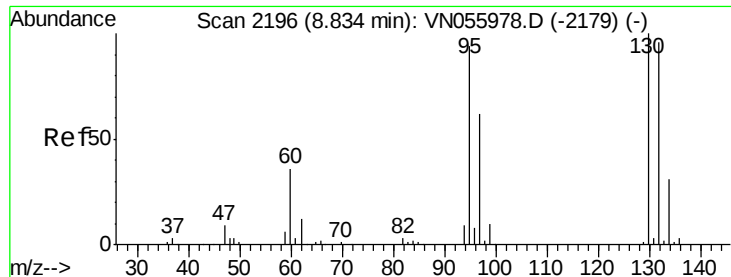
#35
Dibromofluoromethane
Concen: 53.636 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056199.D
Acq: 11 Jun 2019 4:45

Tgt Ion:113 Resp: 152172
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 24.8 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: 1.834 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056199.D

Acq: 11 Jun 2019 4:45

Instrument :

MSVOA_N

ClientSampleId :

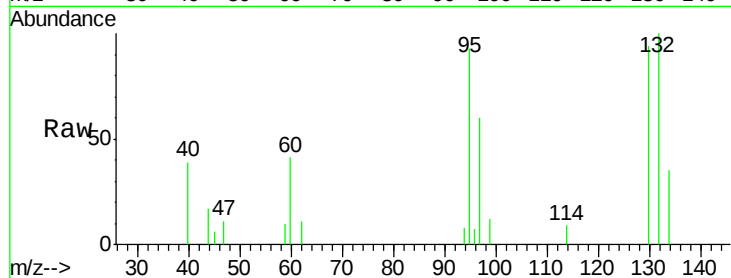
RE123D2-20190605

Tot Ion:130 Resp: 6364

Ion Ratio Lower Upper

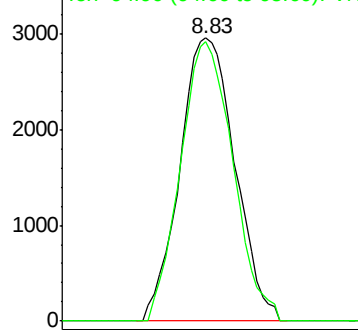
130 100

95 98.9 0.0 188.0

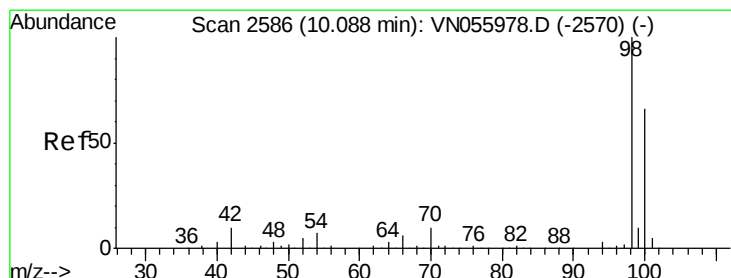
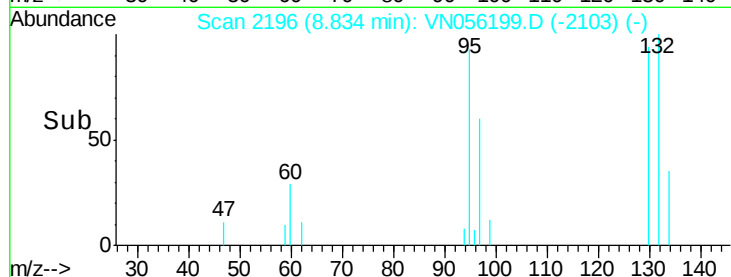


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



Time-->



#50

Toluene-d8

Concen: 54.039 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056199.D

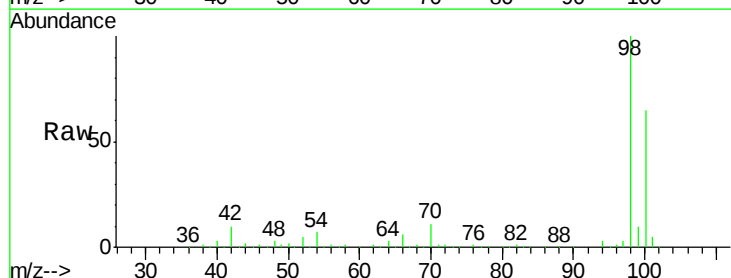
Acq: 11 Jun 2019 4:45

Tgt Ion: 98 Resp: 589959

Ion Ratio Lower Upper

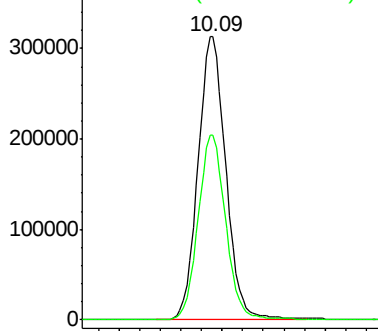
98 100

100 64.8 51.9 77.9

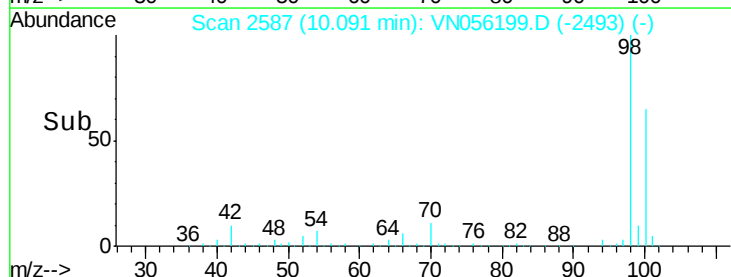


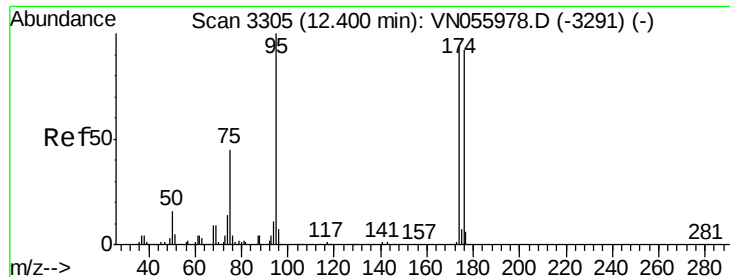
Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN



Time-->





#62

4-Bromofluorobenzene

Concen: 49.973 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056199.D

Acq: 11 Jun 2019 4:45

Instrument :

MSVOA_N

ClientSampleId :

RE123D2-20190605

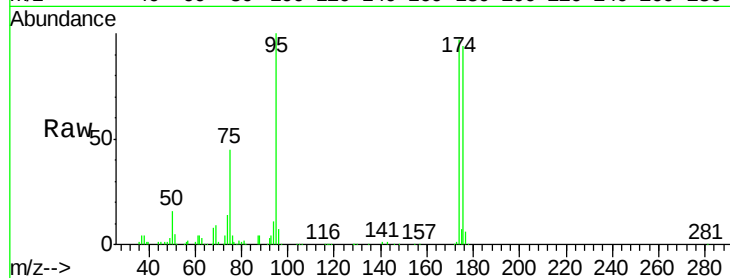
Tot Ion: 95 Resp: 185535

Ion Ratio Lower Upper

95 100

174 98.2 0.0 191.0

176 95.2 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) (-)

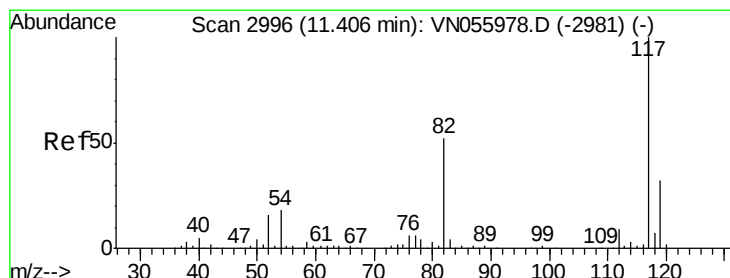
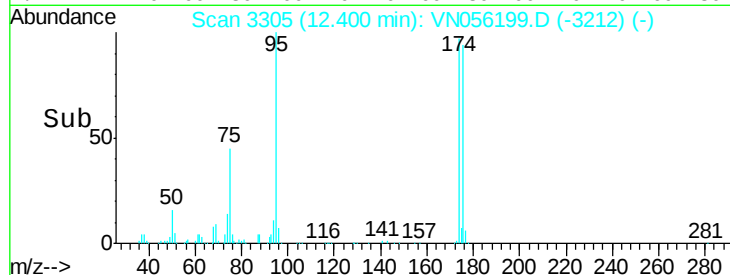
12.40

100000

50000

0

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: VN056199.D

Acq: 11 Jun 2019 4:45

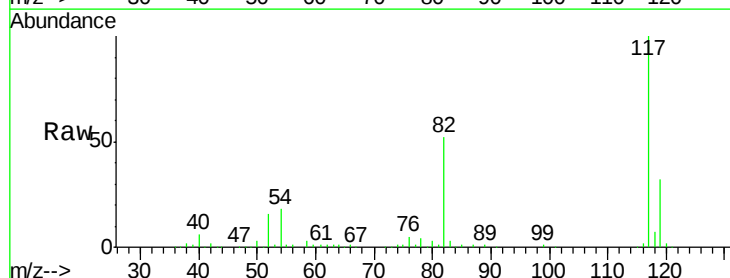
Tgt Ion: 117 Resp: 449599

Ion Ratio Lower Upper

117 100

82 52.1 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) (-)

11.41

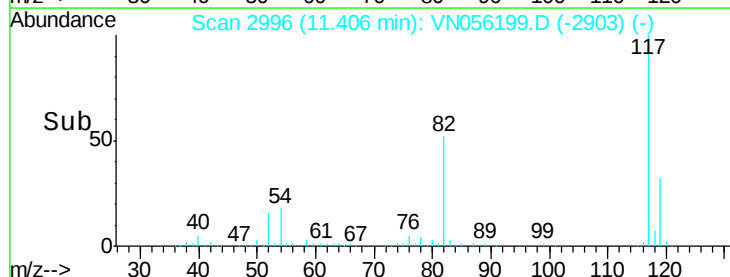
300000

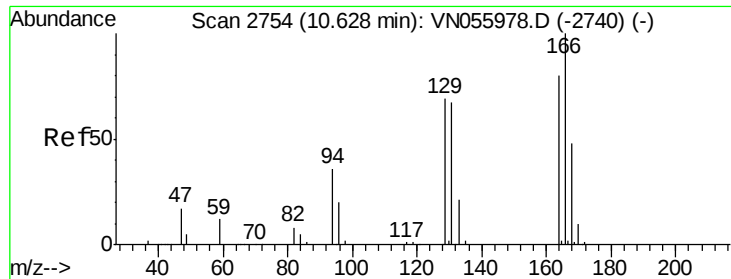
200000

100000

0

Time--> 11.30 11.40 11.50





#64

Tetrachloroethene

Concen: 0.957 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056199.D

Acq: 11 Jun 2019 4:45

Instrument :

MSVOA_N

ClientSampleId :

RE123D2-20190605

Tot Ion:164 Resp: 3725

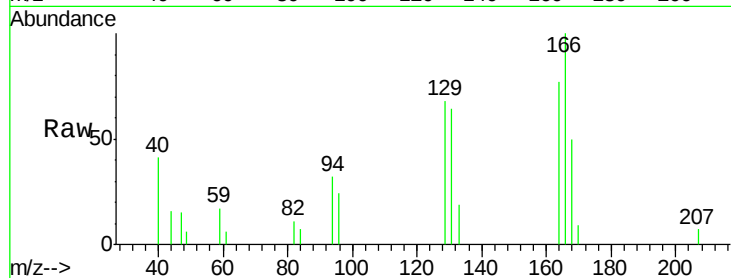
Ion Ratio Lower Upper

164 100

166 129.4 103.0 154.6

129 88.6 70.6 105.8

131 83.1 68.6 102.8

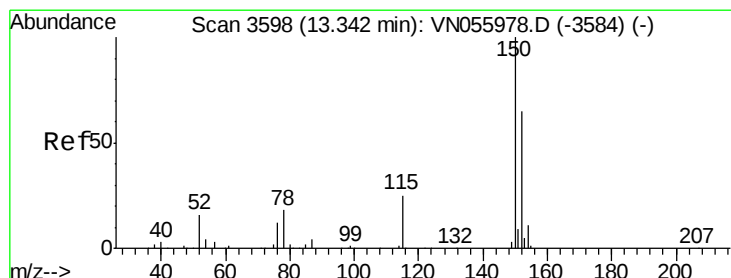
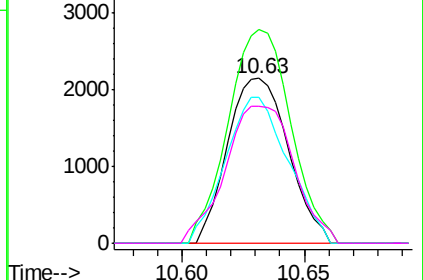
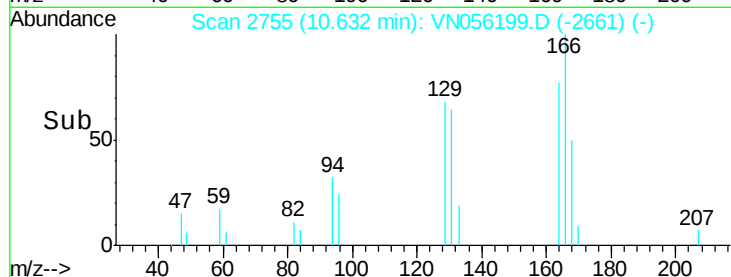


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN056199.D

Acq: 11 Jun 2019 4:45

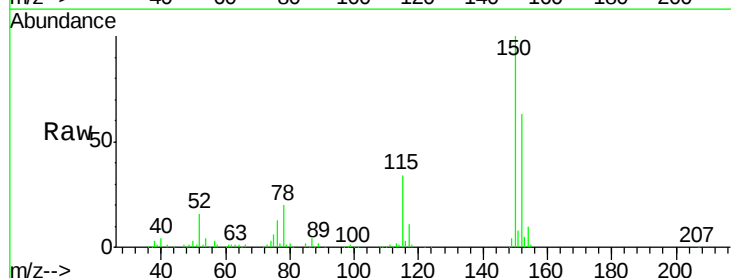
Tgt Ion:152 Resp: 139656

Ion Ratio Lower Upper

152 100

115 52.9 27.0 81.0

150 157.6 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

