

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055556.D
 Acq On : 10 May 2019 16:58
 Operator : JC/SP
 Sample : K2758-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IW-25

Quant Time: May 11 13:46:30 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

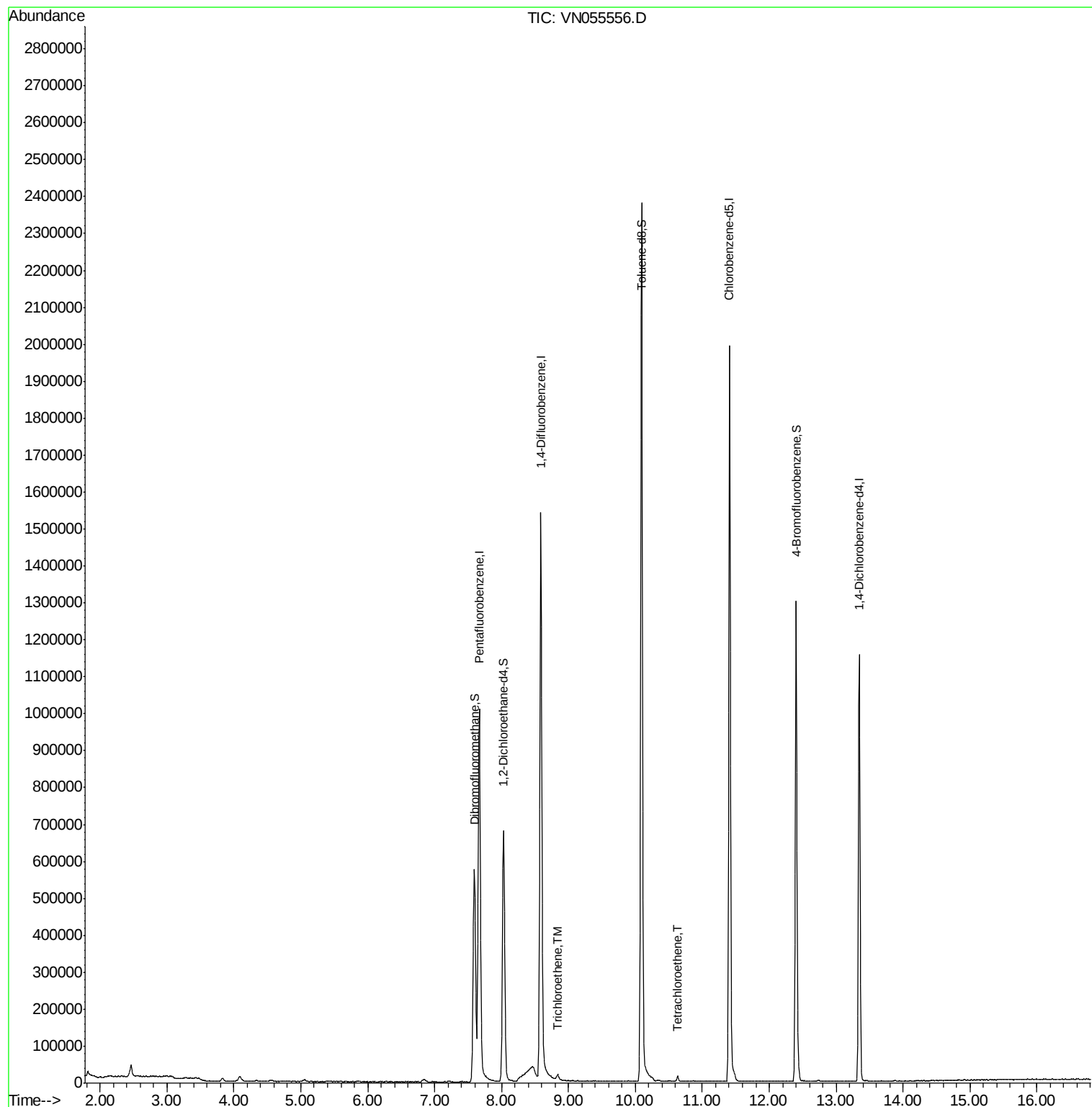
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	854302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1429143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1193189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	319076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	582881	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	
35) Dibromofluoromethane	7.59	113	449419	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
50) Toluene-d8	10.09	98	1754885	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.40	95	489306	40.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.78%	
Target Compounds						
44) Trichloroethene	8.84	130	4996	0.481	ug/l	82
64) Tetrachloroethene	10.63	164	2842	0.291	ug/l	89

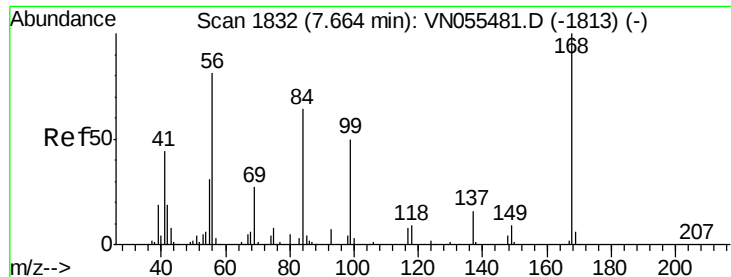
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055556.D

Acq: 10 May 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

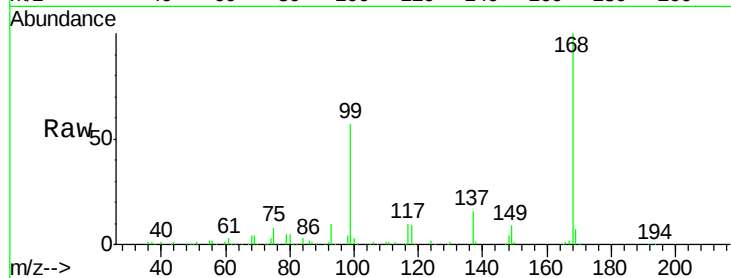
IW-25

Tot Ion:168 Resp: 854302

Ion Ratio Lower Upper

168 100

99 57.2 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

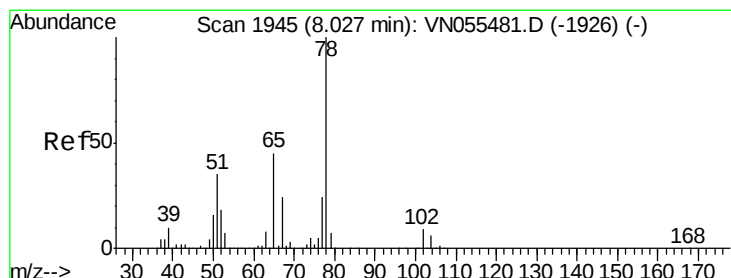
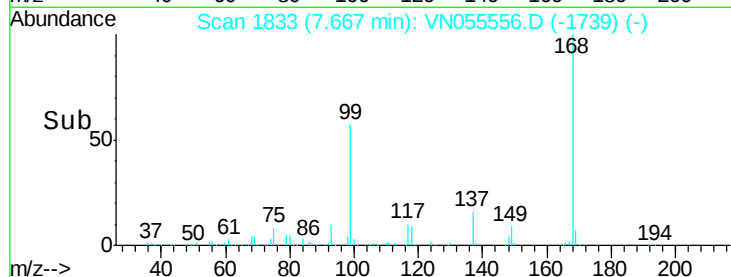
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.315 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055556.D

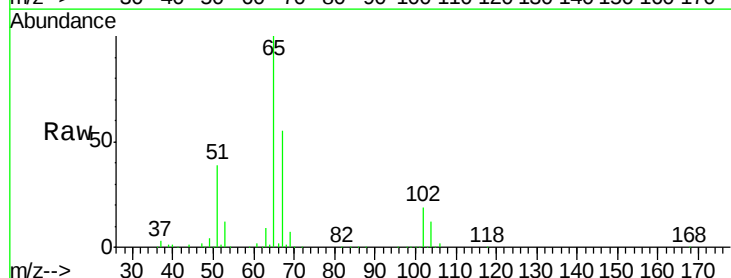
Acq: 10 May 2019 16:58

Tgt Ion: 65 Resp: 582881

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

250000

200000

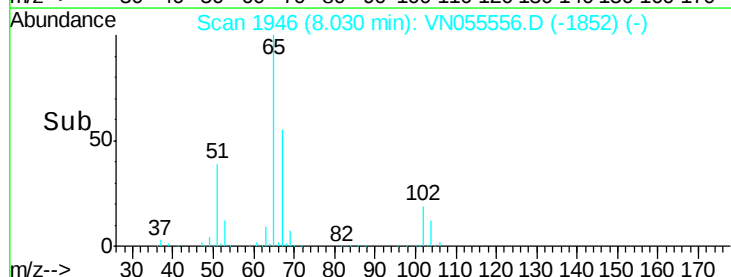
150000

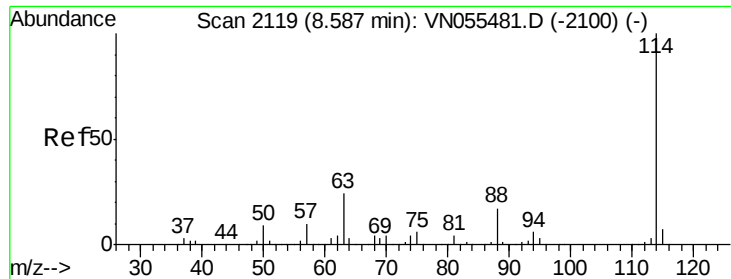
100000

50000

0

Time-->

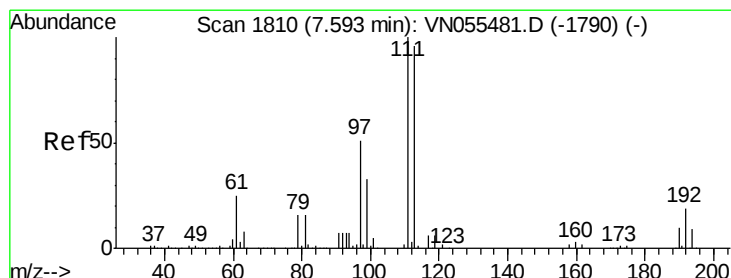
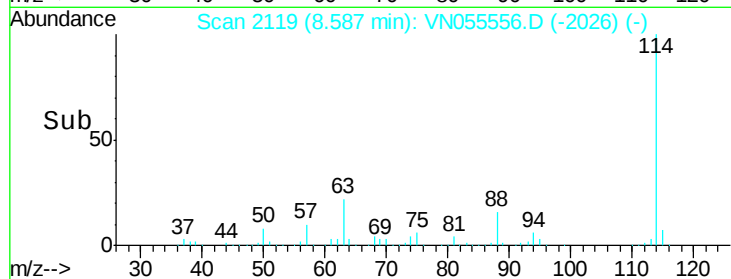
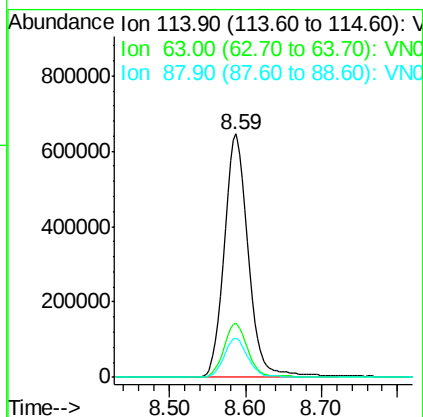
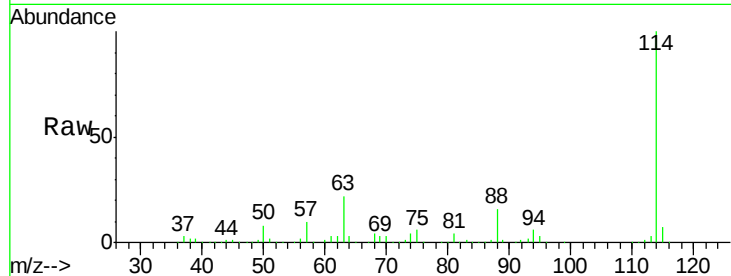




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055556.D
 Acq: 10 May 2019 16:58

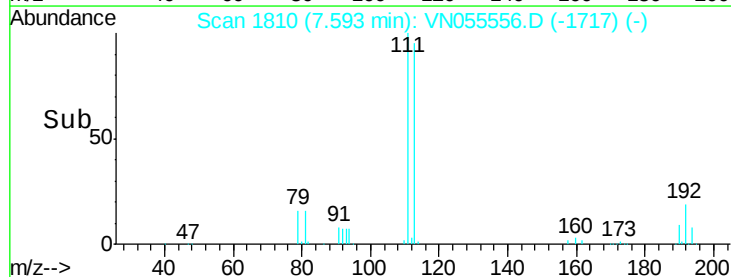
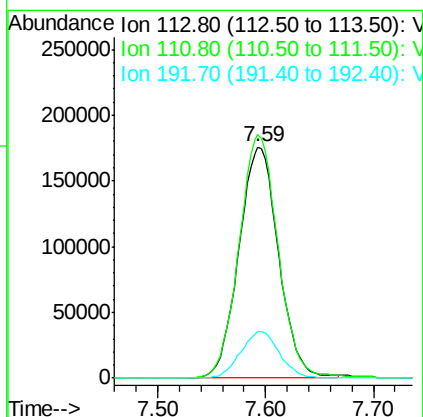
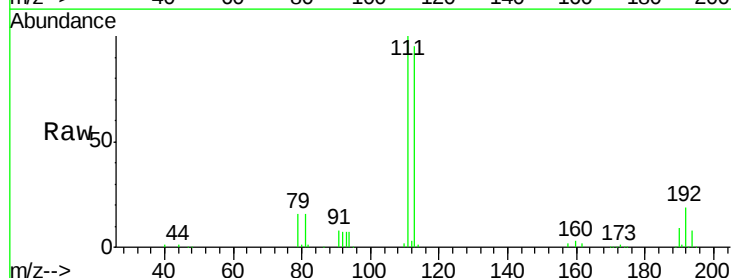
Instrument :
 MSVOA_N
 ClientSampleId :
 IW-25

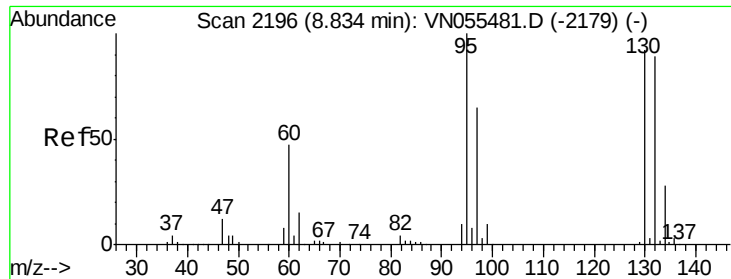
Tot Ion:114 Resp: 1429143
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 47.4
 88 16.1 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 48.749 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055556.D
 Acq: 10 May 2019 16:58

Tgt Ion:113 Resp: 449419
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.9 124.3
 192 19.7 15.6 23.4





#44

Trichloroethene

Concen: 0.481 ug/l

RT: 8.84 min Scan# 2198

Delta R.T. 0.01 min

Lab File: VN055556.D

Acq: 10 May 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

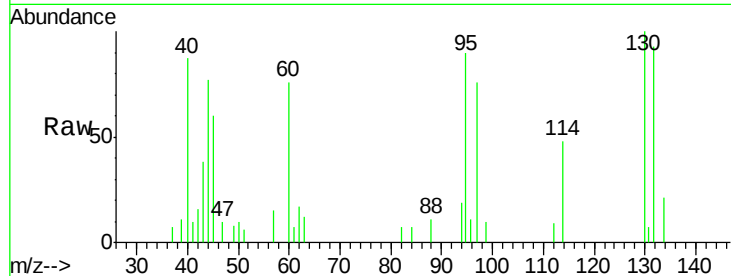
IW-25

Tot Ion:130 Resp: 4996

Ion Ratio Lower Upper

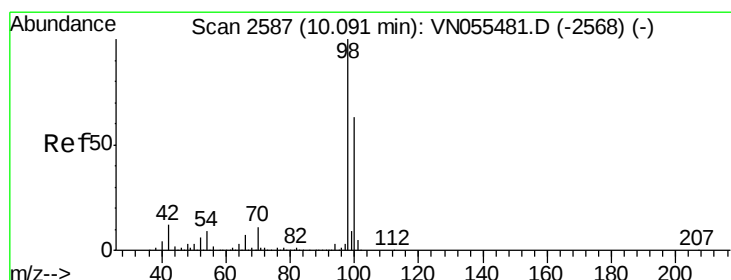
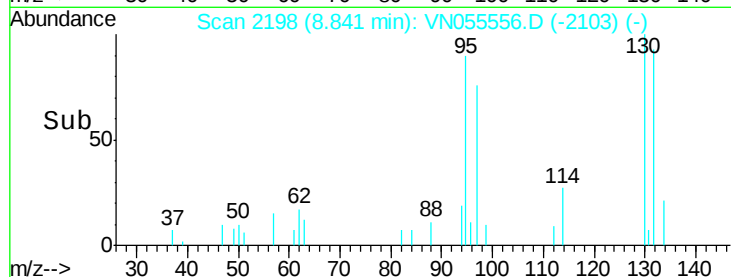
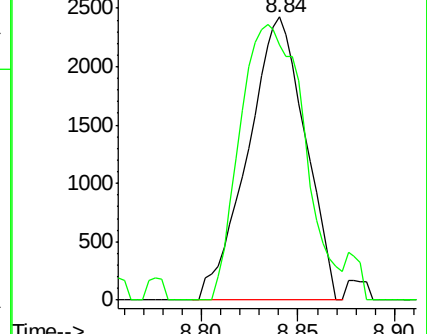
130 100

95 90.0 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 48.847 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055556.D

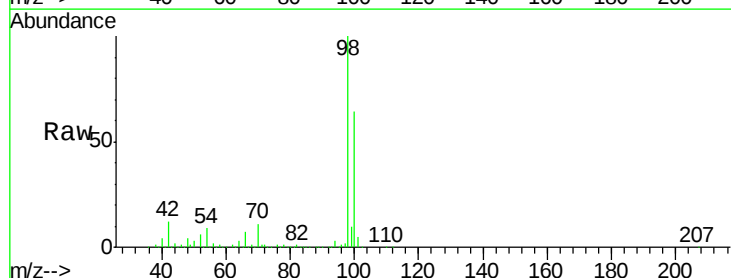
Acq: 10 May 2019 16:58

Tgt Ion: 98 Resp: 1754885

Ion Ratio Lower Upper

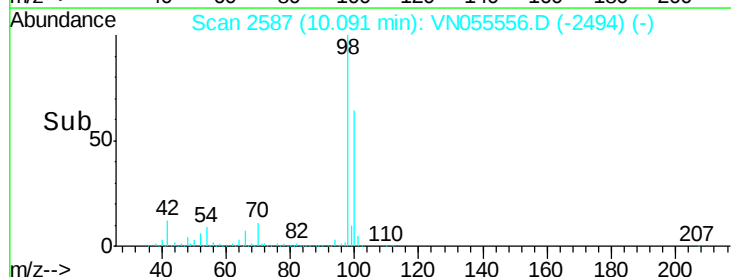
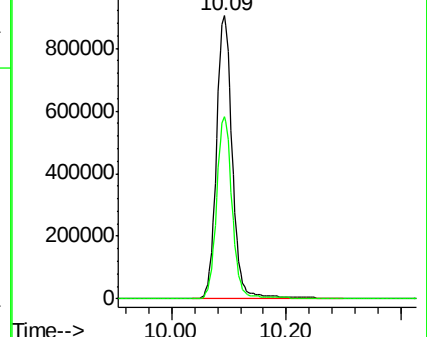
98 100

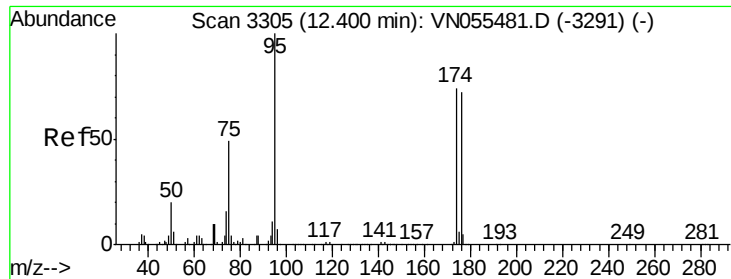
100 62.6 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 40.393 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055556.D

Acq: 10 May 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

IW-25

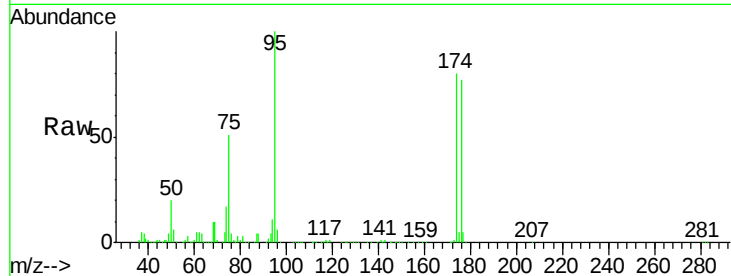
Tot Ion: 95 Resp: 489306

Ion Ratio Lower Upper

95 100

174 79.2 0.0 152.2

176 76.6 0.0 147.8

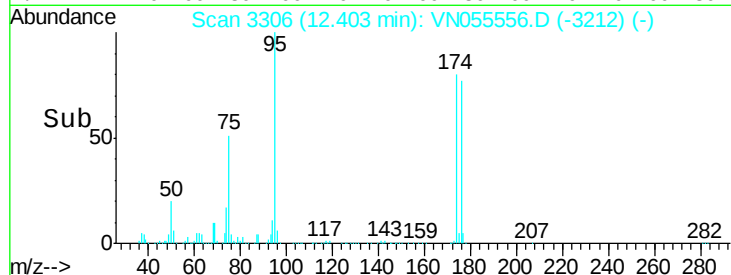


Abundance Ion 94.90 (94.60 to 95.60): VN055481.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055481.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055481.D (-3291) (-)

Time-->



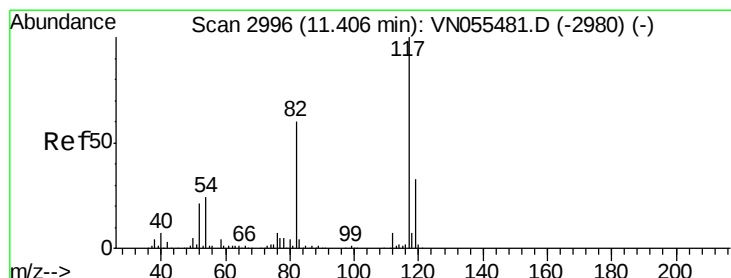
Abundance

Ion 94.90 (94.60 to 95.60): VN055556.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055556.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055556.D (-3212) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055556.D

Acq: 10 May 2019 16:58

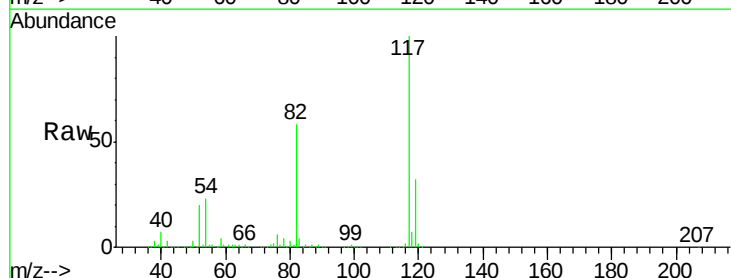
Tgt Ion: 117 Resp: 1193189

Ion Ratio Lower Upper

117 100

82 58.1 48.0 72.0

119 31.9 26.0 39.0

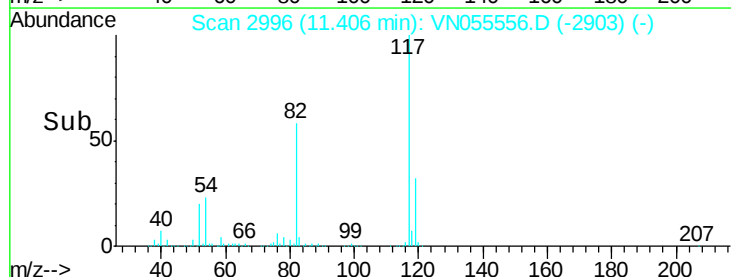


Abundance Ion 116.90 (116.60 to 117.60): VN055481.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055481.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055481.D (-2980) (-)

Time-->



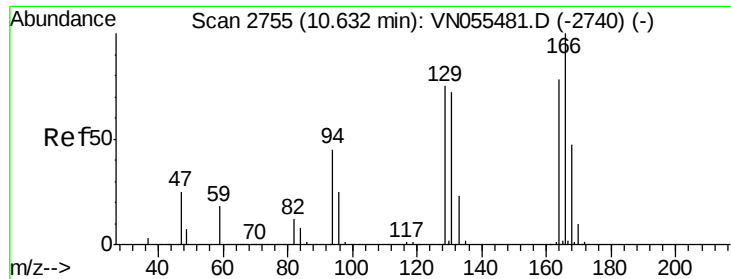
Abundance

Ion 116.90 (116.60 to 117.60): VN055556.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055556.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055556.D (-2903) (-)

Time-->



#64

Tetrachloroethene

Concen: 0.291 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN055556.D

Acq: 10 May 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

IW-25

Tot Ion:164 Resp: 2842

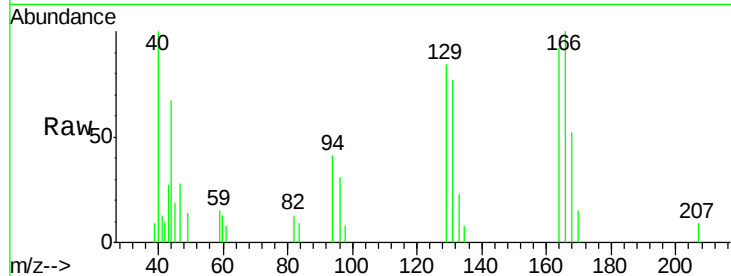
Ion Ratio Lower Upper

164 100

166 108.2 102.6 153.8

129 90.6 77.0 115.6

131 83.8 73.7 110.5

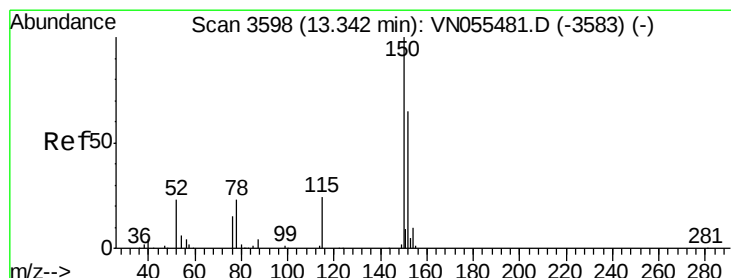
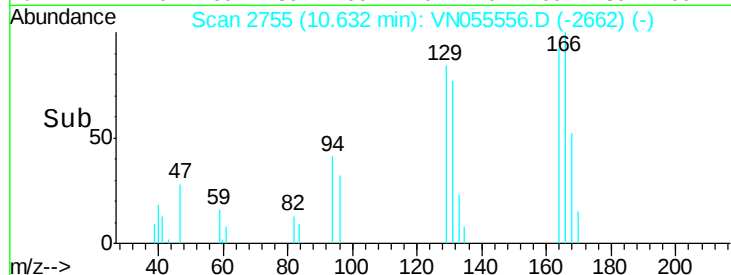
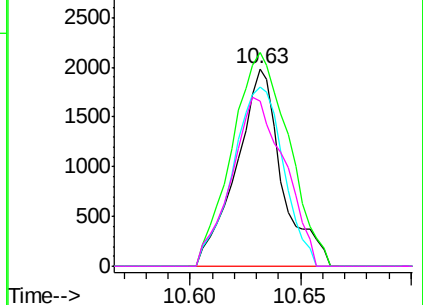


Abundance Ion 163.80 (163.50 to 164.50): V

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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055556.D

Acq: 10 May 2019 16:58

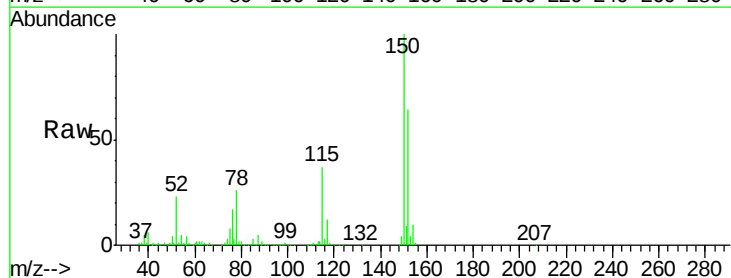
Tgt Ion:152 Resp: 319076

Ion Ratio Lower Upper

152 100

115 58.0 30.1 90.5

150 157.1 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

