

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056171.D
 Acq On : 10 Jun 2019 15:47
 Operator : JC/SP
 Sample : K3280-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-FW-MW02-20190608

Quant Time: Jun 11 12:04:16 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

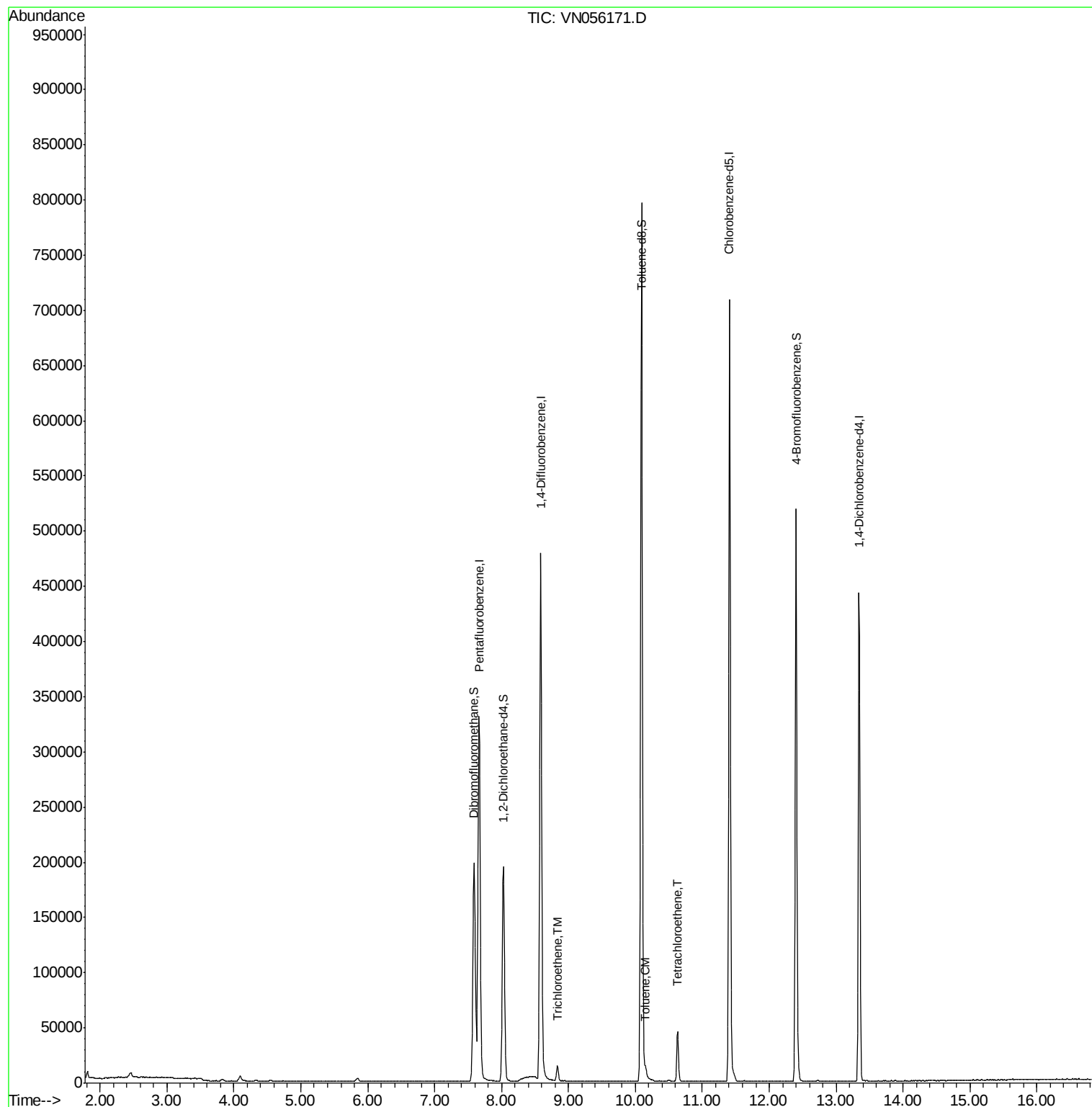
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	314621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	472685	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	460998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	164766	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
35) Dibromofluoromethane	7.59	113	151049	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
50) Toluene-d8	10.09	98	600409	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
62) 4-Bromofluorobenzene	12.40	95	186425	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
Target Compounds						
44) Trichloroethene	8.83	130	6045	1.704	ug/l	96
52) Toluene	10.15	92	2886	0.376	ug/l	96
64) Tetrachloroethene	10.63	164	12114	3.036	ug/l	97

(#) = 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: VN056171.D

Acq: 10 Jun 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

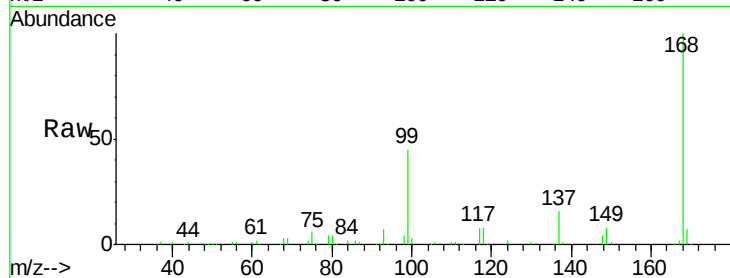
BP-FW-MW02-20190608

Tot Ion:168 Resp: 314621

Ion Ratio Lower Upper

168 100

99 45.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

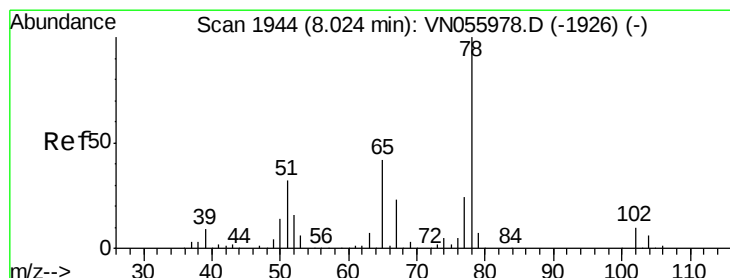
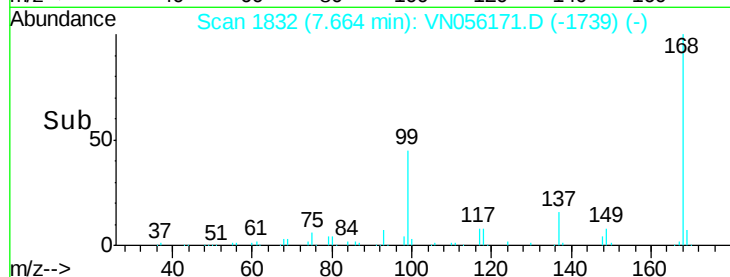
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 52.743 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056171.D

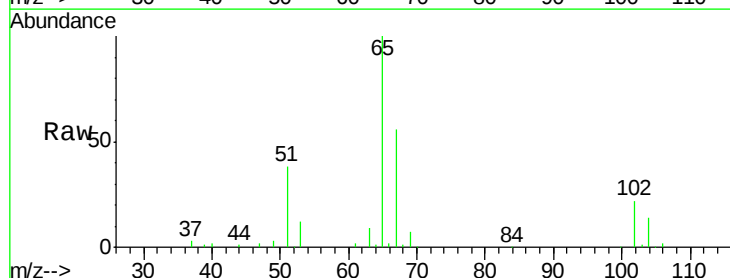
Acq: 10 Jun 2019 15:47

Tgt Ion: 65 Resp: 164766

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055978.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055978.D (-1926) (-)

8.03

80000

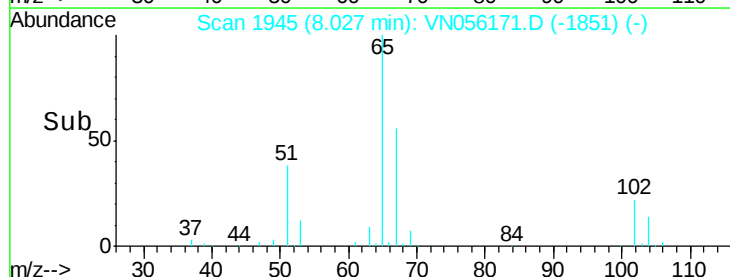
60000

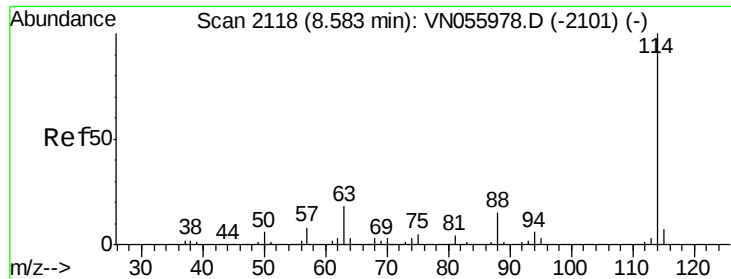
40000

20000

0

Time--> 7.95 8.00 8.05 8.10

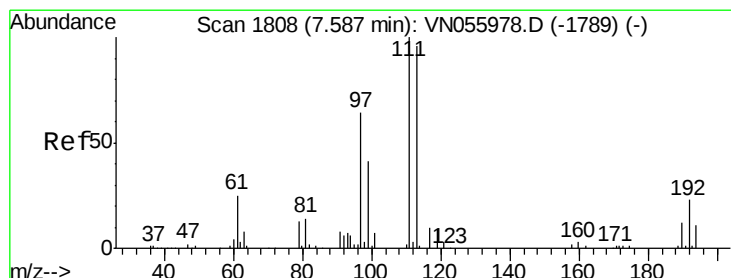
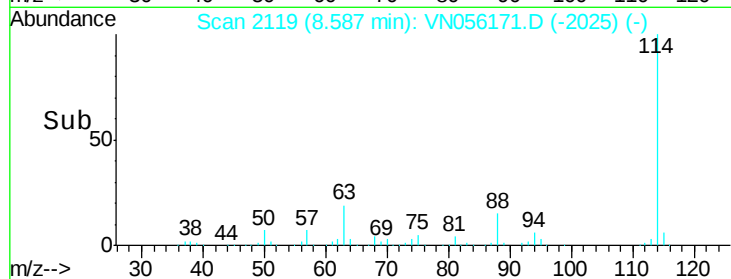
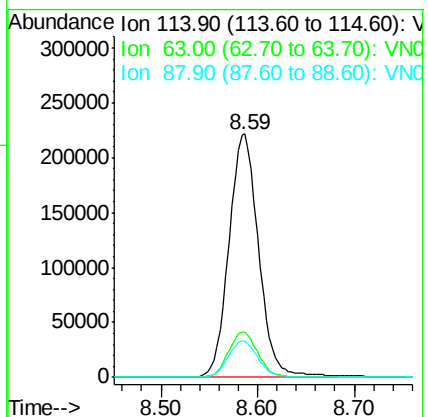
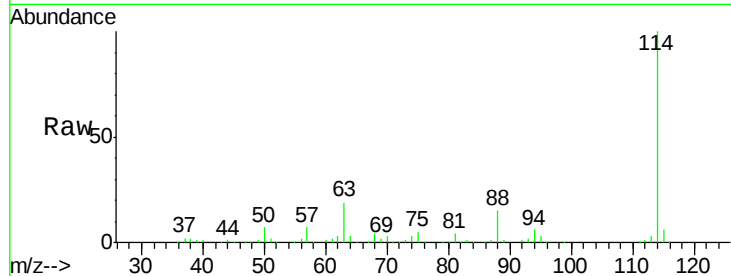




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056171.D
Acq: 10 Jun 2019 15:47

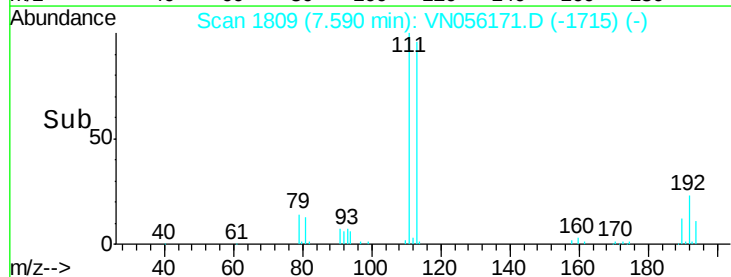
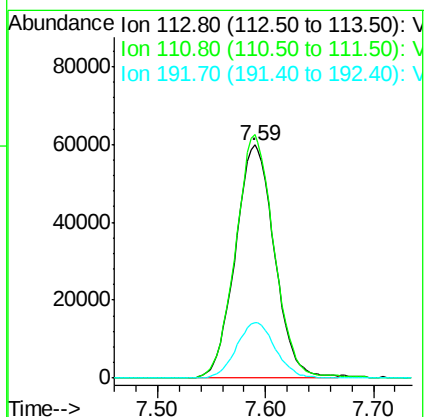
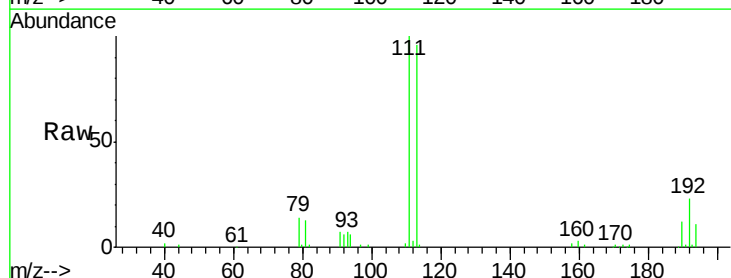
Instrument :
MSVOA_N
ClientSampleId :
BP-FW-MW02-20190608

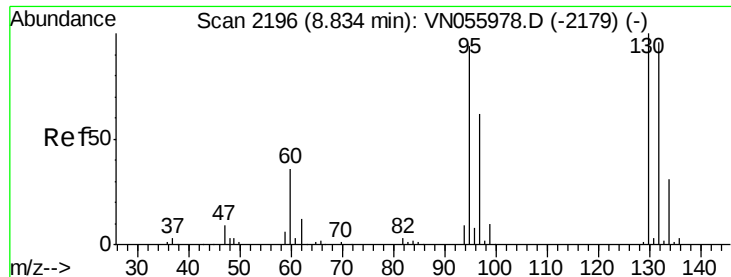
Tot Ion:114 Resp: 472685
Ion Ratio Lower Upper
114 100
63 18.7 0.0 39.2
88 14.7 0.0 31.0



#35
Dibromofluoromethane
Concen: 52.084 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056171.D
Acq: 10 Jun 2019 15:47

Tgt Ion:113 Resp: 151049
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 23.6 19.5 29.3





#44

Trichloroethene

Concen: 1.704 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056171.D

Acq: 10 Jun 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

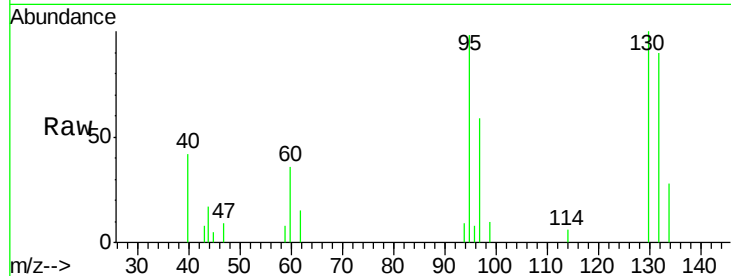
BP-FW-MW02-20190608

Tot Ion:130 Resp: 6045

Ion Ratio Lower Upper

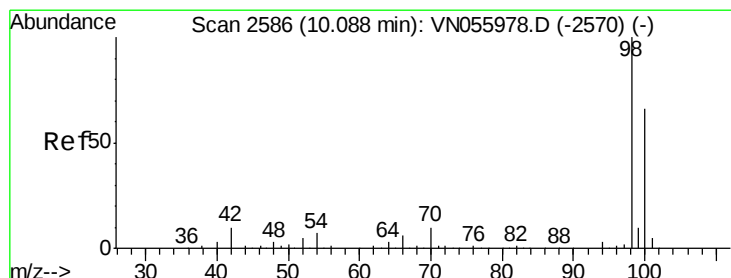
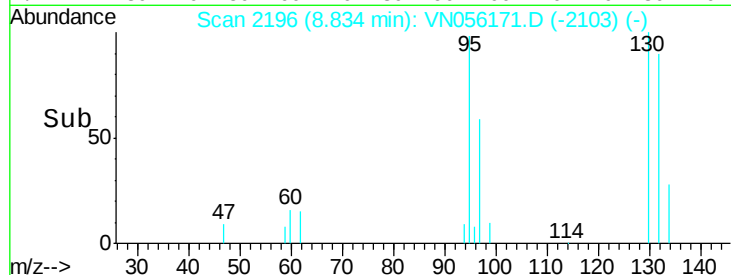
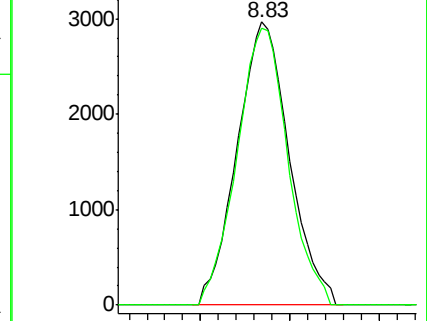
130 100

95 98.0 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 53.802 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056171.D

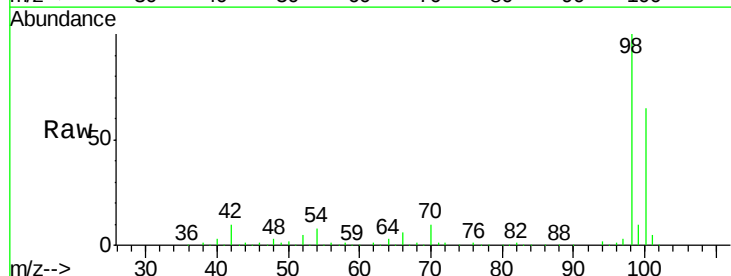
Acq: 10 Jun 2019 15:47

Tgt Ion: 98 Resp: 600409

Ion Ratio Lower Upper

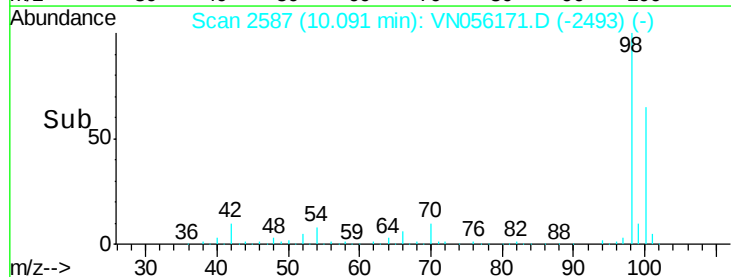
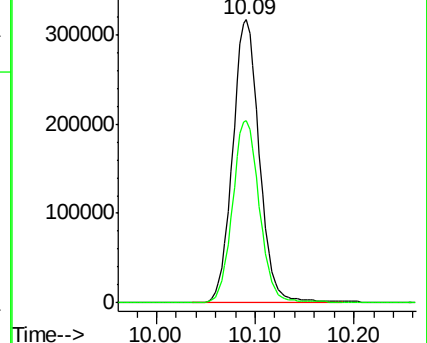
98 100

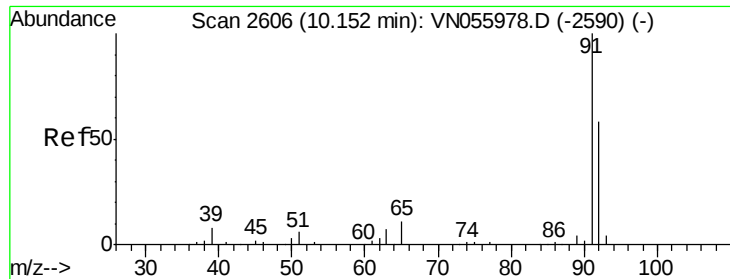
100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 0.376 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056171.D

Acq: 10 Jun 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

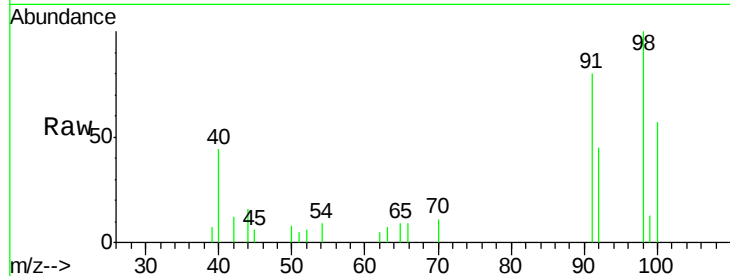
BP-FW-MW02-20190608

Tot Ion: 92 Resp: 2886

Ion Ratio Lower Upper

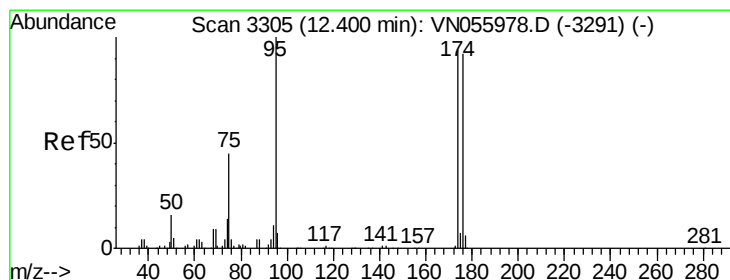
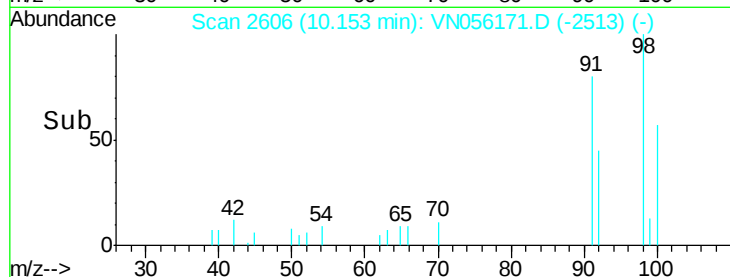
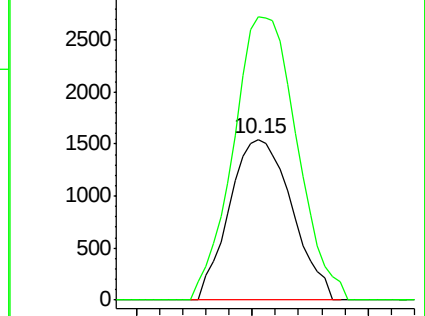
92 100

91 179.5 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 49.123 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056171.D

Acq: 10 Jun 2019 15:47

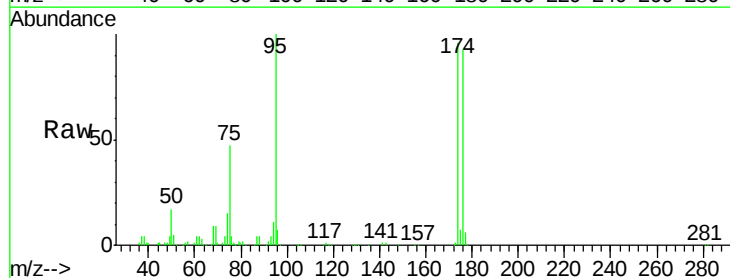
Tgt Ion: 95 Resp: 186425

Ion Ratio Lower Upper

95 100

174 97.0 0.0 191.0

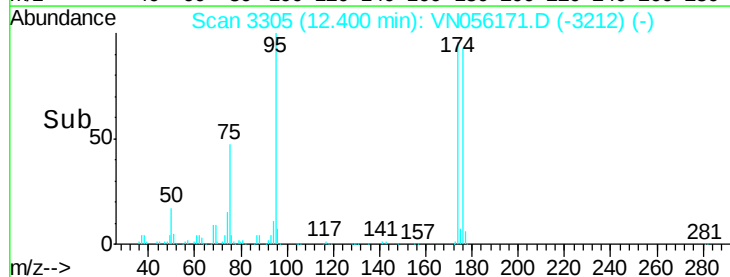
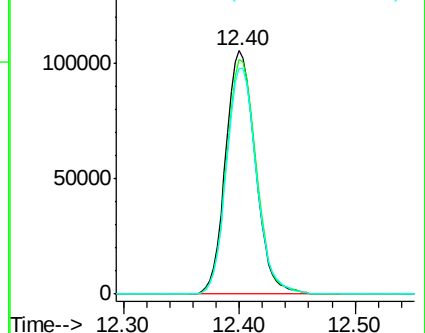
176 93.5 0.0 185.2

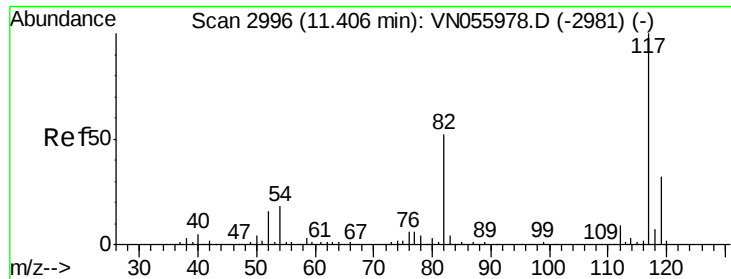


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

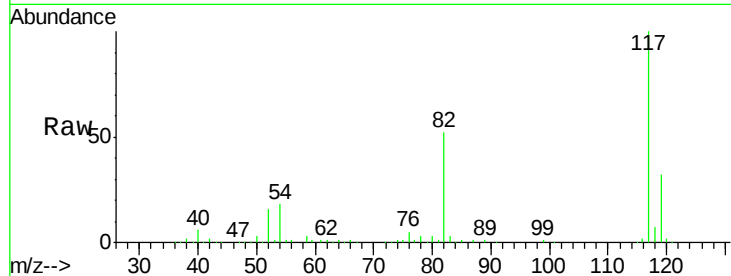




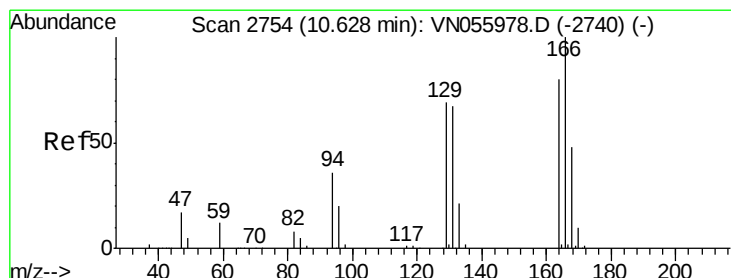
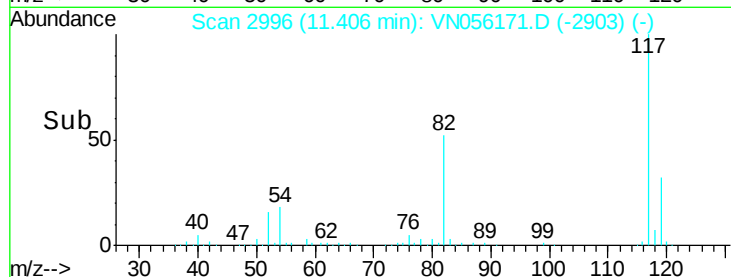
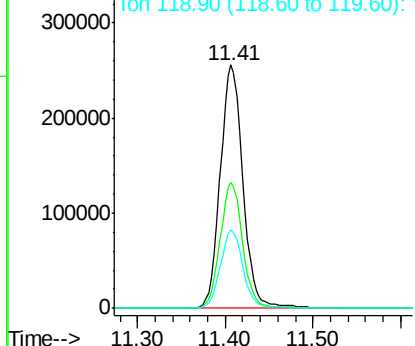
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056171.D
Acq: 10 Jun 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
BP-FW-MW02-20190608

Tot Ion:117 Resp: 460998
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 32.0 25.4 38.0

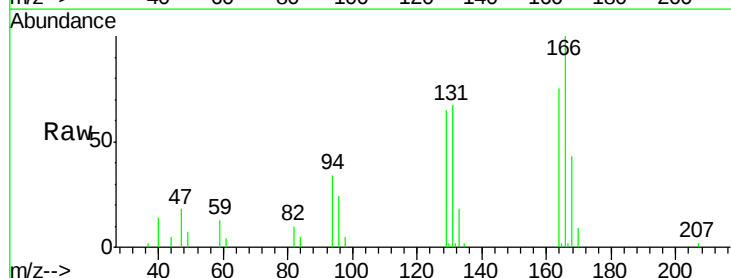


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

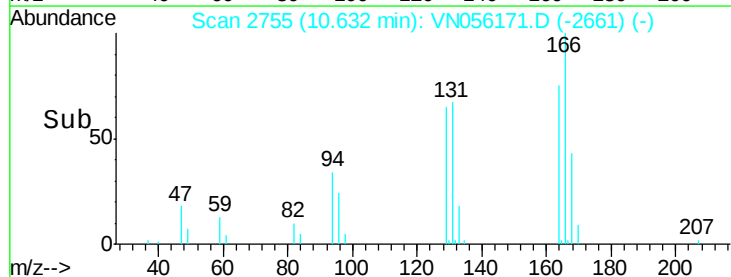
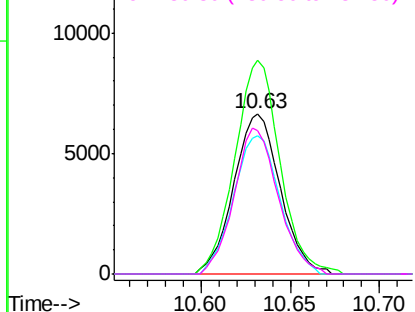


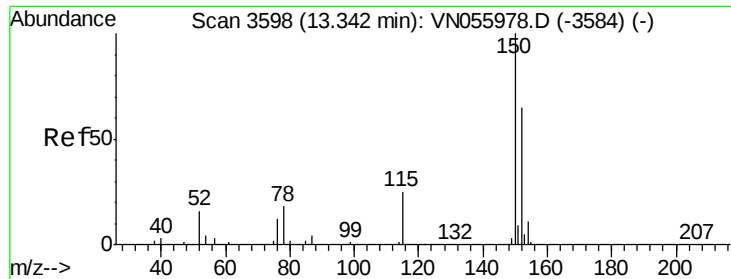
#64
Tetrachloroethene
Concen: 3.036 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056171.D
Acq: 10 Jun 2019 15:47

Tgt Ion:164 Resp: 12114
Ion Ratio Lower Upper
164 100
166 133.0 103.0 154.6
129 86.2 70.6 105.8
131 89.3 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: VN056171.D

Acq: 10 Jun 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

BP-FW-MW02-20190608

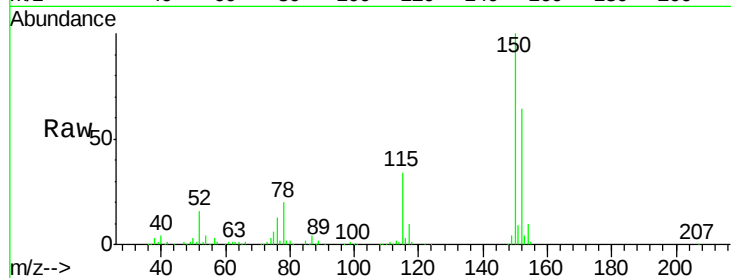
Tot Ion:152 Resp: 140478

Ion Ratio Lower Upper

152 100

115 52.0 27.0 81.0

150 156.4 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

