

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054564.D
 Acq On : 22 Mar 2019 18:05
 Operator : JC/SP
 Sample : K1965-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-HN-MW24IR-20190315

Quant Time: Mar 23 03:59:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

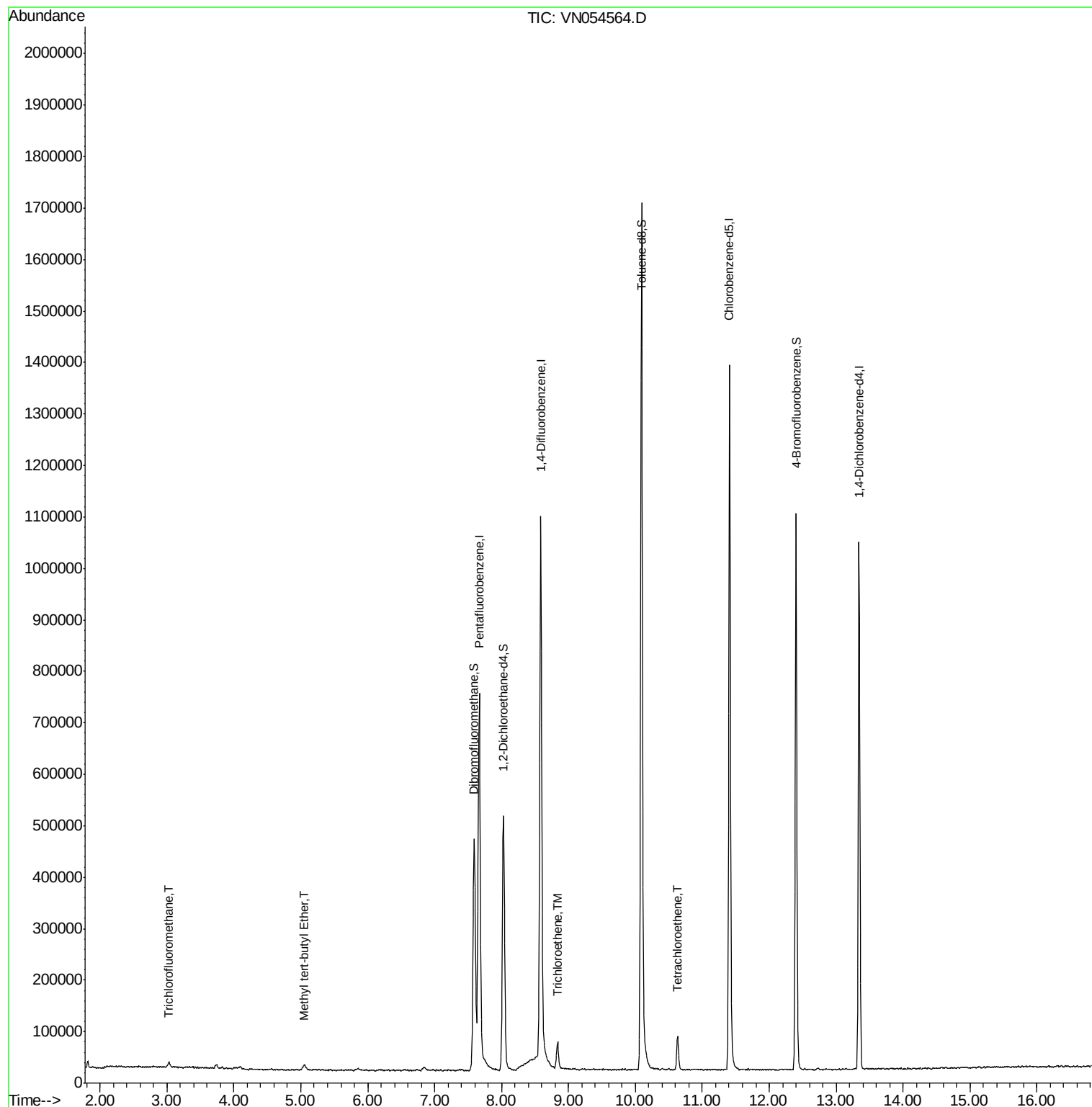
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	620532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	991302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	802083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	272809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	432942	56.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.18%	
35) Dibromofluoromethane	7.59	113	336998	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
50) Toluene-d8	10.09	98	1262898	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.40	95	373184	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
Target Compounds						
7) Trichlorofluoromethane	3.03	101	8517	0.865	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	13891	0.795	ug/l	95
44) Trichloroethene	8.84	130	20044	2.720	ug/l	88
64) Tetrachloroethene	10.63	164	16056	2.413	ug/l	97

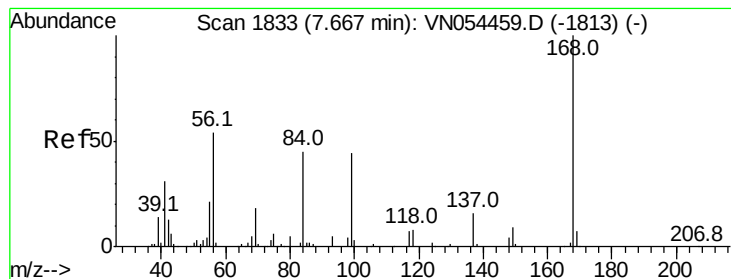
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032219\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054564.D

Acq: 22 Mar 2019 18:05

Instrument :

MSVOA_N

ClientSampleId :

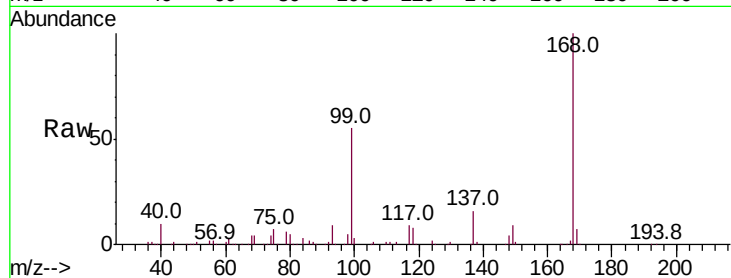
BP-HN-MW24IR-20190315

Tot Ion:168 Resp: 620532

Ion Ratio Lower Upper

168 100

99 54.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

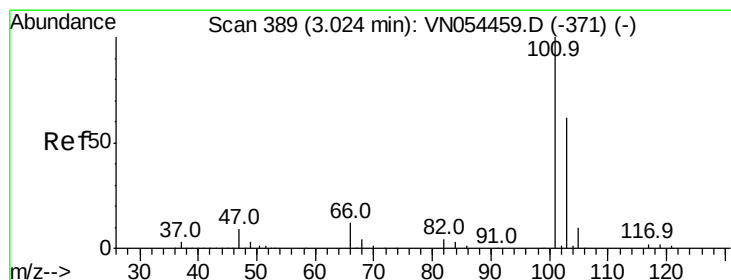
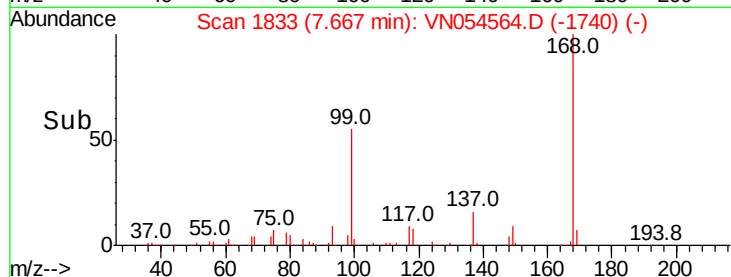
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#7

Trichlorofluoromethane

Concen: 0.865 ug/l

RT: 3.03 min Scan# 390

Delta R.T. 0.00 min

Lab File: VN054564.D

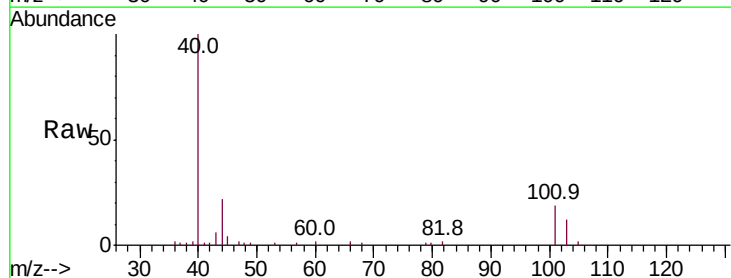
Acq: 22 Mar 2019 18:05

Tgt Ion:101 Resp: 8517

Ion Ratio Lower Upper

101 100

103 63.1 51.4 77.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.03

4000

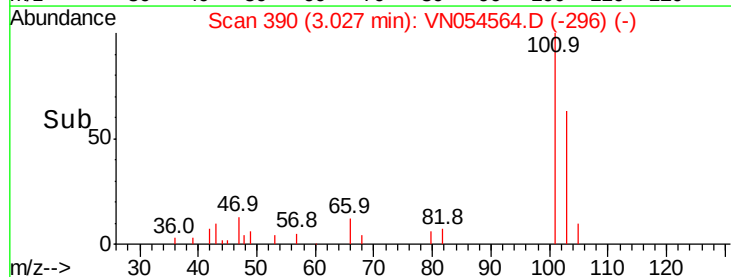
3000

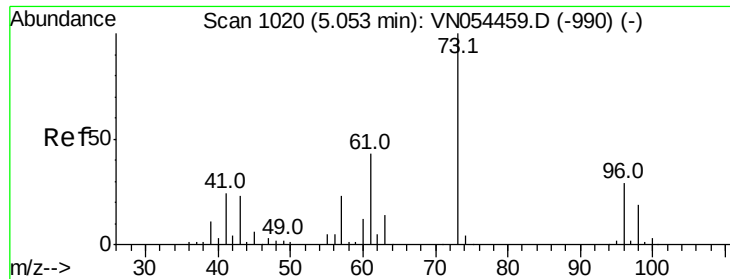
2000

1000

0

Time--> 2.95 3.00 3.05 3.10

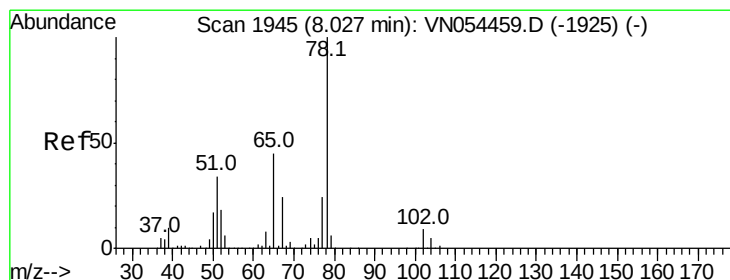
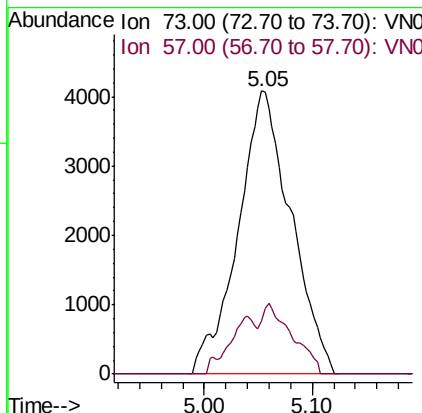
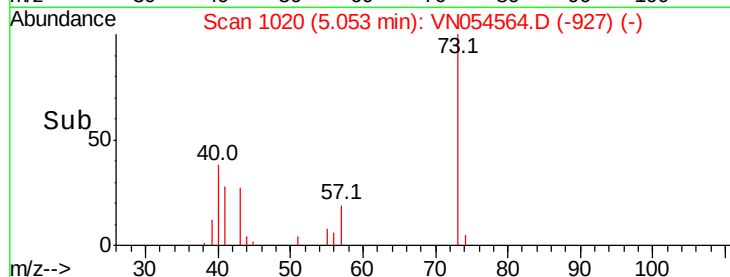
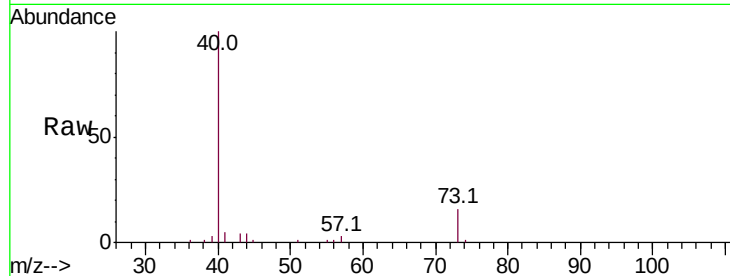




#19
Methyl tert-butyl Ether
Concen: 0.795 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN054564.D
Acq: 22 Mar 2019 18:05

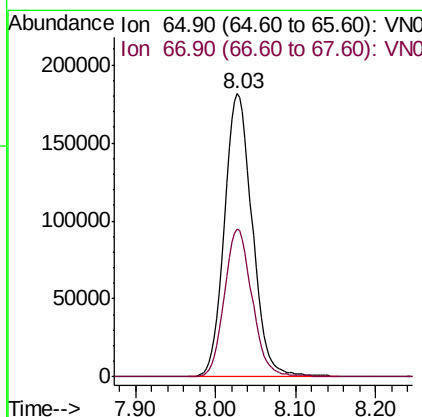
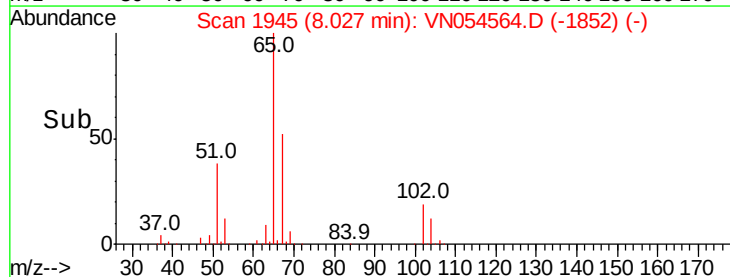
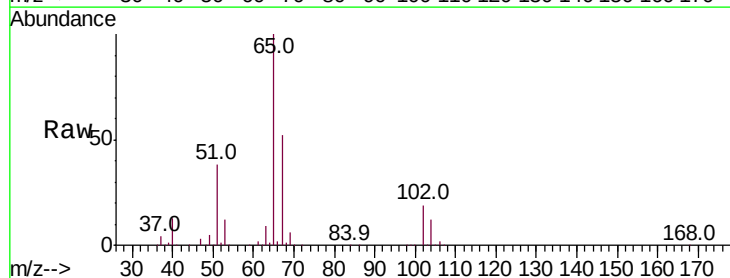
Instrument :
MSVOA_N
ClientSampleId :
BP-HN-MW24IR-20190315

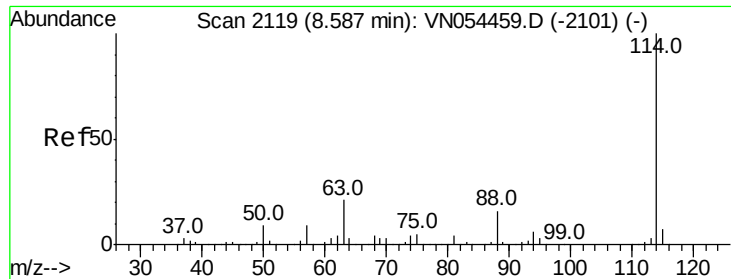
Tot Ion: 73 Resp: 13891
Ion Ratio Lower Upper
73 100
57 18.5 16.8 25.2



#33
1,2-Dichloroethane-d4
Concen: 56.092 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054564.D
Acq: 22 Mar 2019 18:05

Tgt Ion: 65 Resp: 432942
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.6

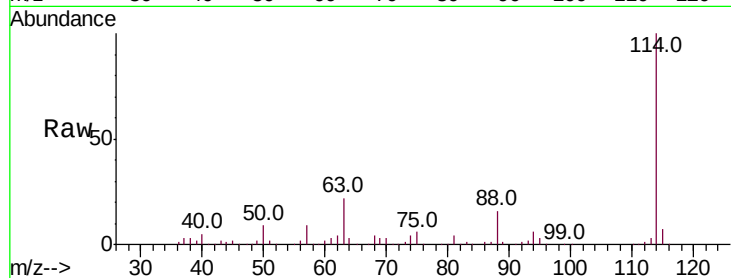




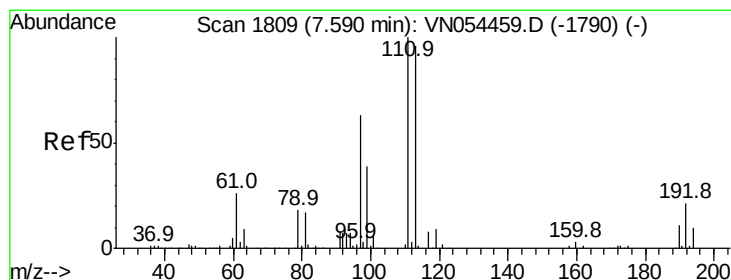
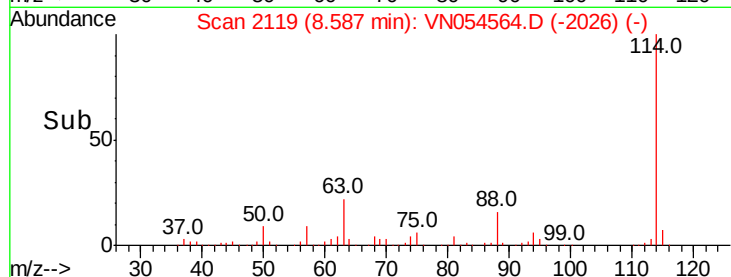
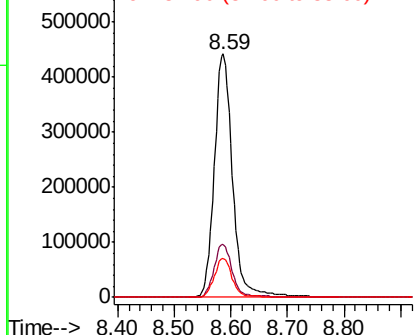
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054564.D
 Acq: 22 Mar 2019 18:05

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-HN-MW24IR-20190315

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	35.2
88	16.1	0.0	30.2

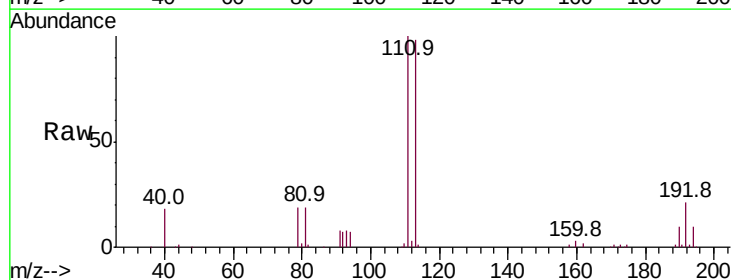


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

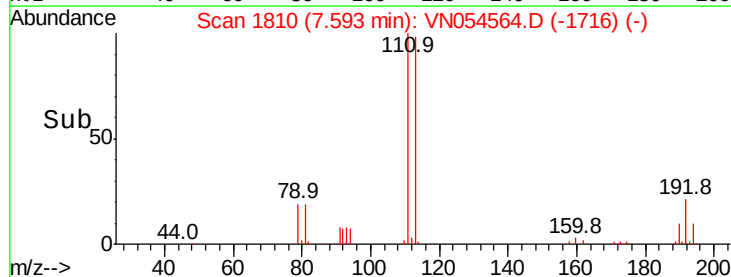
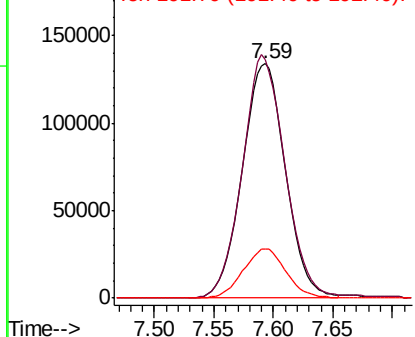


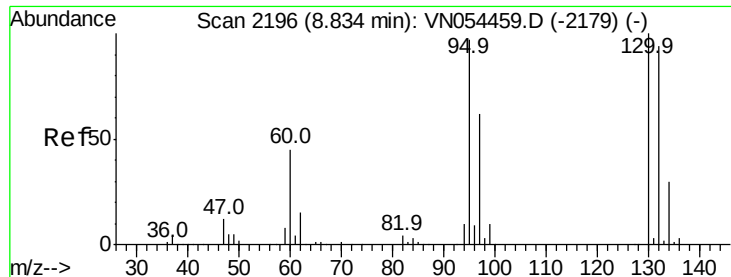
#35
 Dibromofluoromethane
 Concen: 52.768 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054564.D
 Acq: 22 Mar 2019 18:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	20.9	19.2	28.8



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: 2.720 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054564.D

Acq: 22 Mar 2019 18:05

Instrument :

MSVOA_N

ClientSampleId :

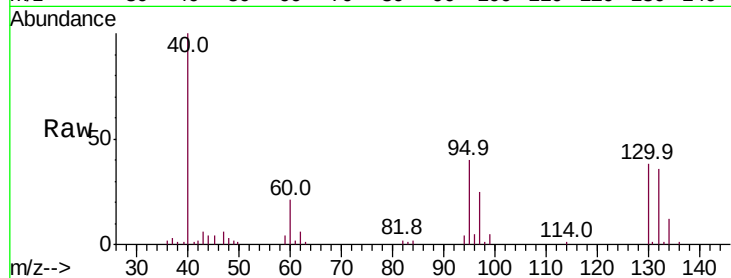
BP-HN-MW24IR-20190315

Tot Ion:130 Resp: 20044

Ion Ratio Lower Upper

130 100

95 104.3 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.84

10000

8000

6000

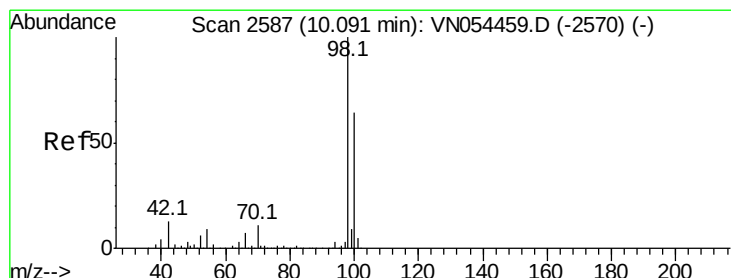
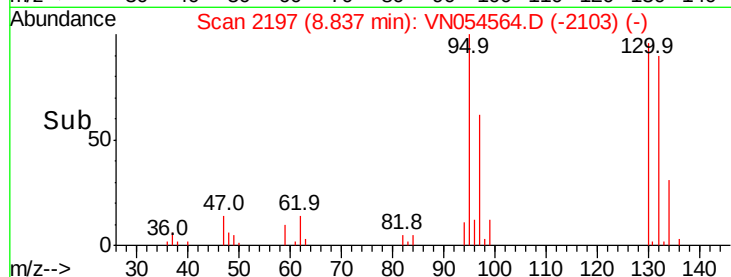
4000

2000

0

Time-->

8.75 8.80 8.85 8.90



#50

Toluene-d8

Concen: 52.601 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054564.D

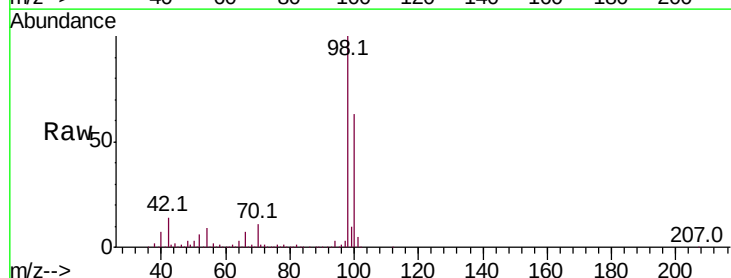
Acq: 22 Mar 2019 18:05

Tgt Ion: 98 Resp: 1262898

Ion Ratio Lower Upper

98 100

100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.09

600000

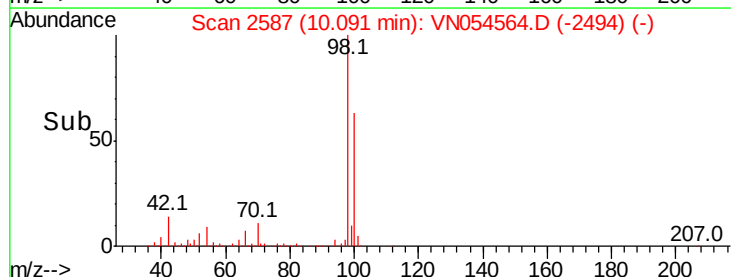
400000

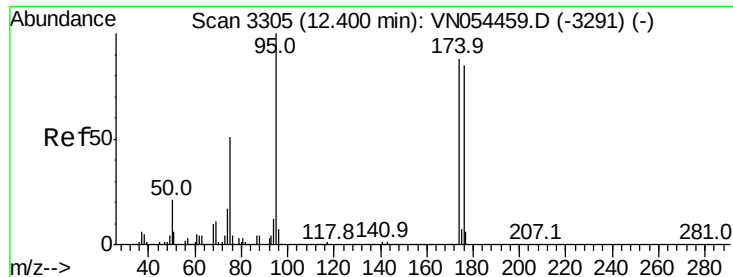
200000

0

Time-->

10.00 10.10 10.20 10.30





#62

4-Bromofluorobenzene

Concen: 45.678 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054564.D

Acq: 22 Mar 2019 18:05

Instrument :

MSVOA_N

ClientSampleId :

BP-HN-MW24IR-20190315

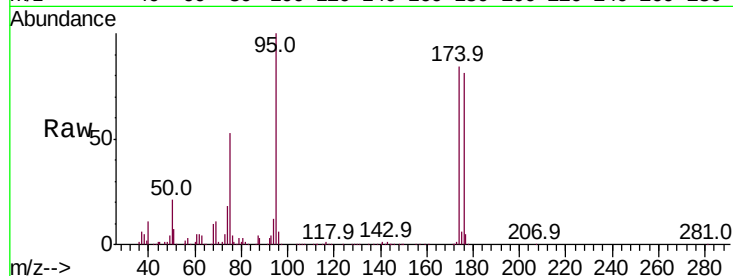
Tot Ion: 95 Resp: 373184

Ion Ratio Lower Upper

95 100

174 83.4 0.0 191.0

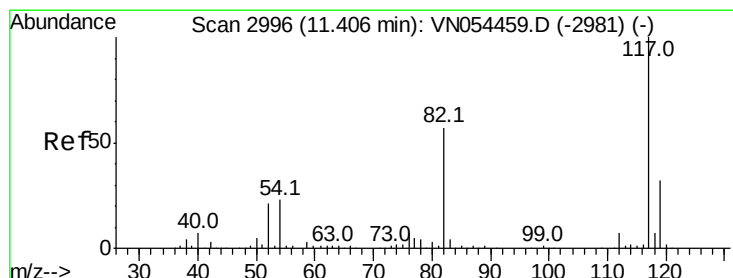
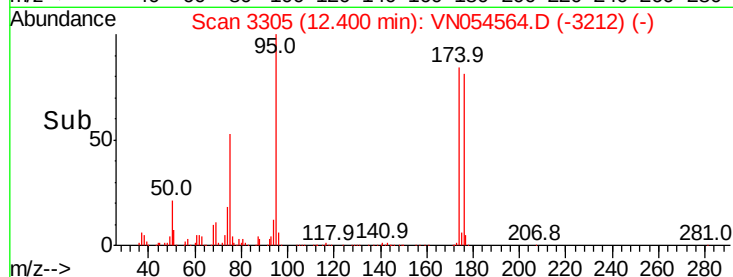
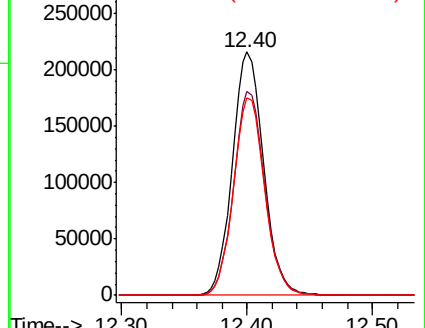
176 81.1 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054564.D

Acq: 22 Mar 2019 18:05

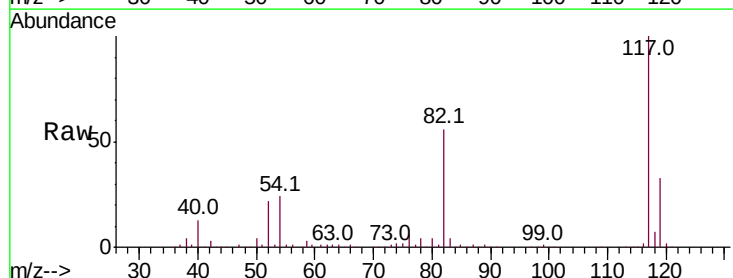
Tgt Ion: 117 Resp: 802083

Ion Ratio Lower Upper

117 100

82 55.8 40.0 60.0

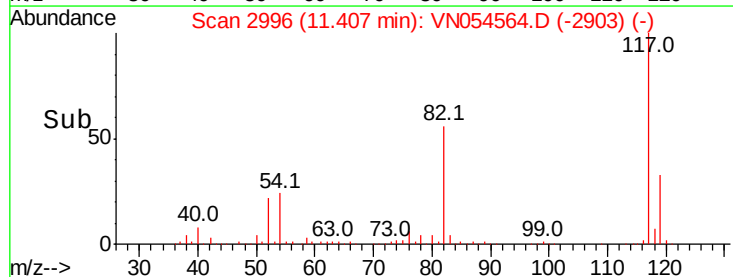
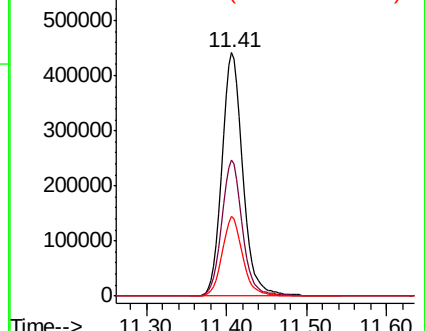
119 32.5 25.8 38.6

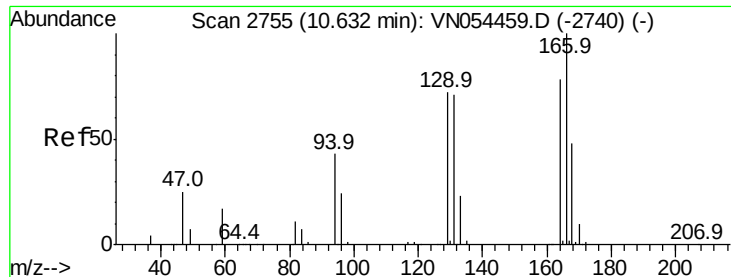


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)





#64

Tetrachloroethene

Concen: 2.413 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN054564.D

Acq: 22 Mar 2019 18:05

Instrument :

MSVOA_N

ClientSampleId :

BP-HN-MW24IR-20190315

Tot Ion:164 Resp: 16056

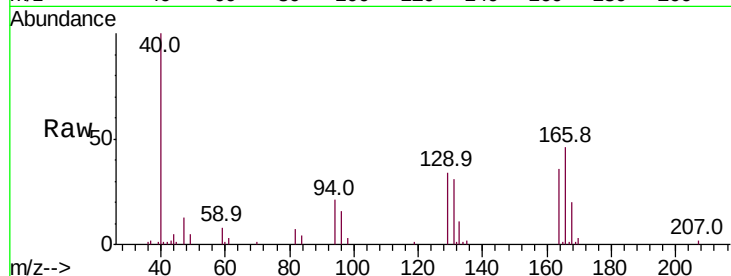
Ion Ratio Lower Upper

164 100

166 126.3 103.9 155.9

129 93.0 71.1 106.7

131 85.5 68.2 102.4

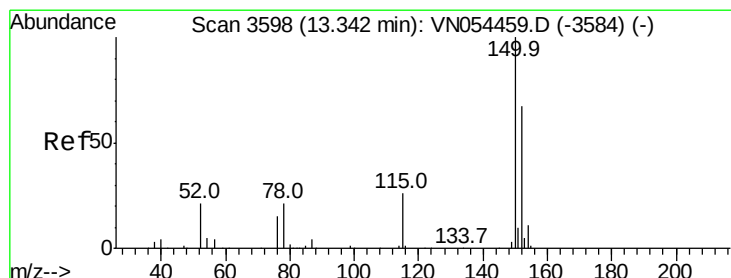
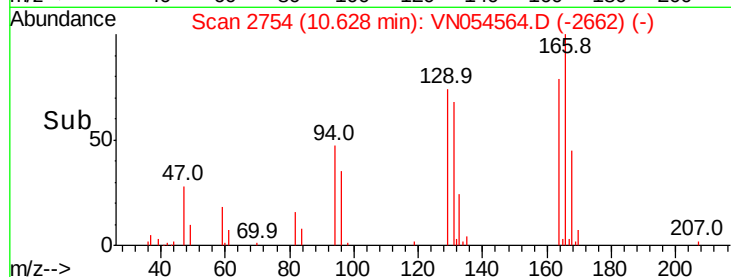
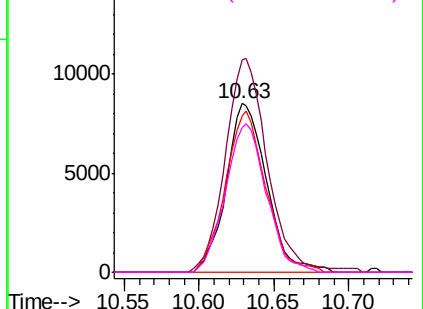


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN054564.D

Acq: 22 Mar 2019 18:05

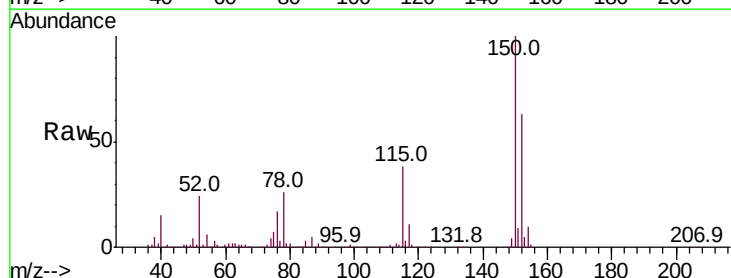
Tgt Ion:152 Resp: 272809

Ion Ratio Lower Upper

152 100

115 58.7 27.2 81.6

150 158.4 0.0 349.2



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

