

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054605.D
 Acq On : 23 Mar 2019 15:32
 Operator : JC/SP
 Sample : K1912-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M3-T2-OZ(PRE)

Quant Time: Mar 25 04:15:22 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

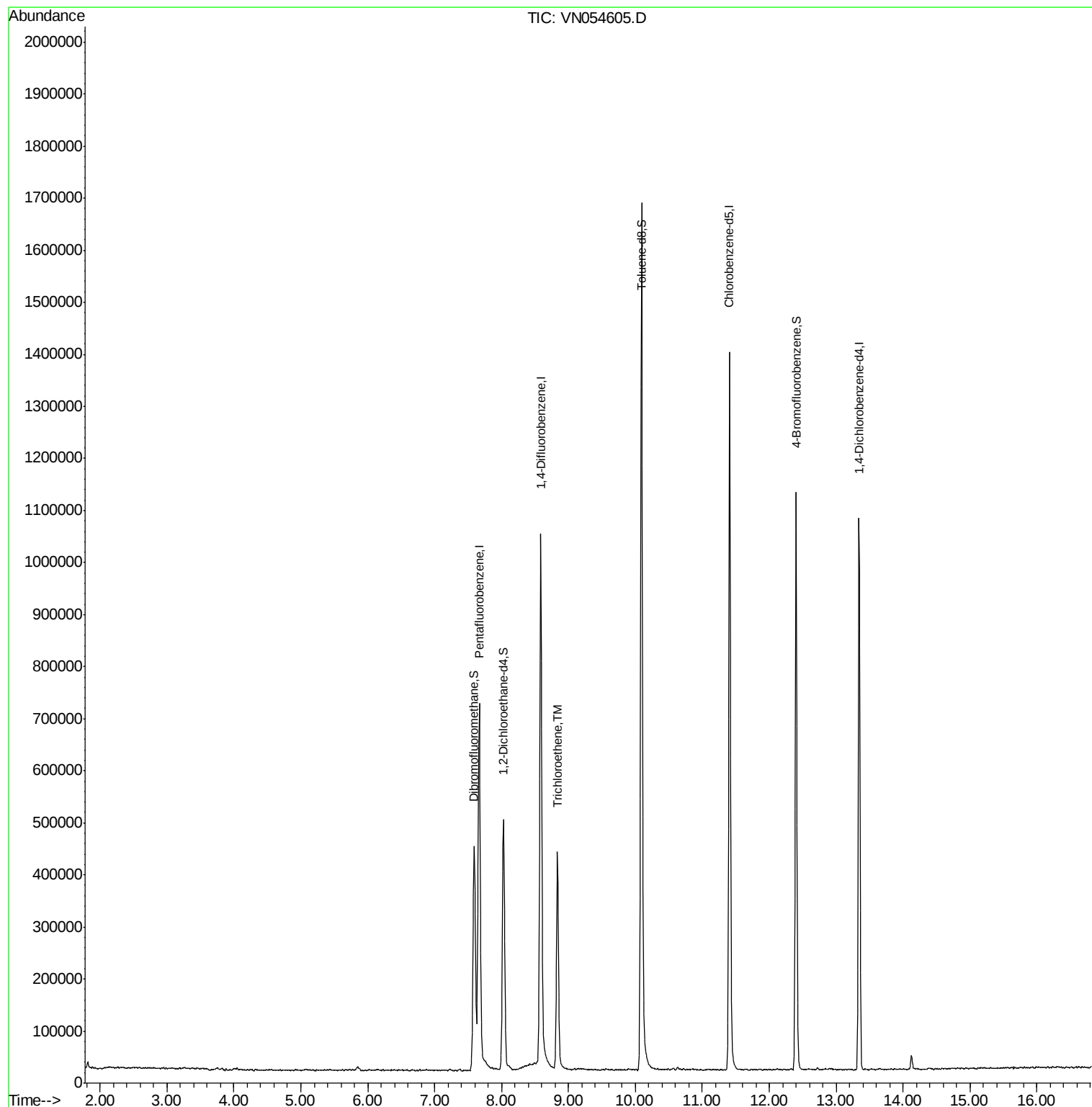
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	610310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	954410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	806444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	290609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	424921	55.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.94%	
35) Dibromofluoromethane	7.59	113	323041	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
50) Toluene-d8	10.09	98	1233501	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
62) 4-Bromofluorobenzene	12.40	95	384190	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
Target Compounds						
44) Trichloroethene	8.83	130	157969	22.266	ug/l	Qvalue 91

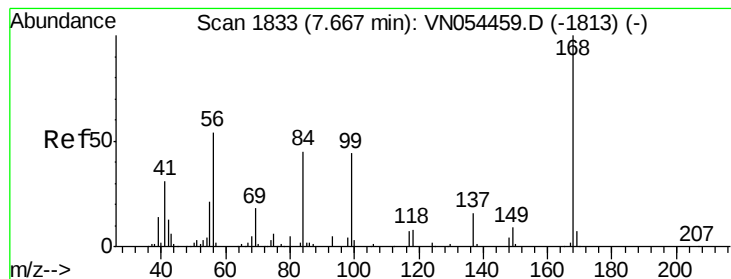
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054605.D

Acq: 23 Mar 2019 15:32

Instrument :

MSVOA_N

ClientSampleId :

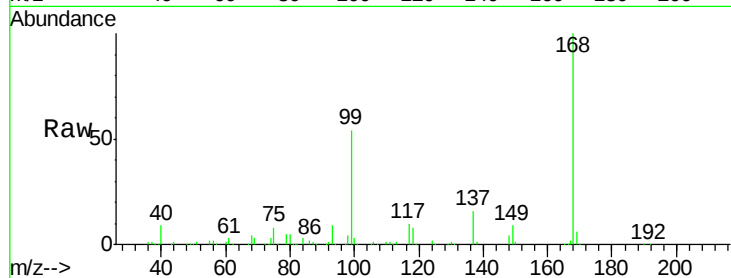
M3-T2-OZ(PRE)

Tot Ion:168 Resp: 610310

Ion Ratio Lower Upper

168 100

99 54.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

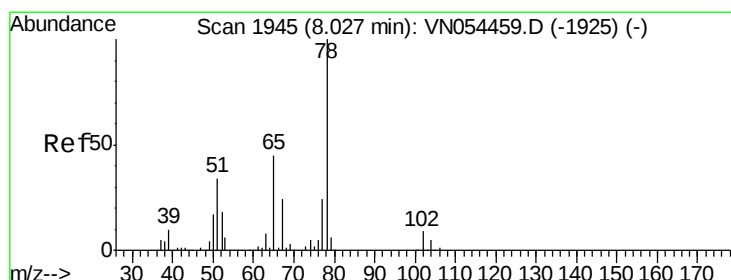
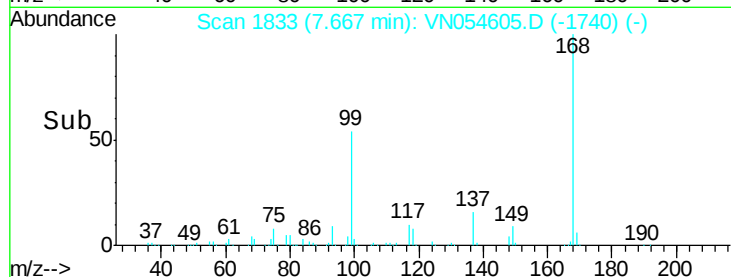
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.975 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054605.D

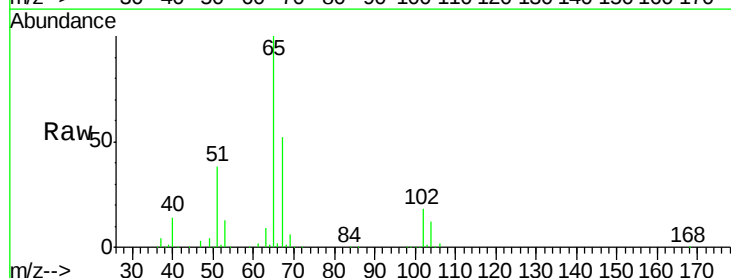
Acq: 23 Mar 2019 15:32

Tgt Ion: 65 Resp: 424921

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

150000

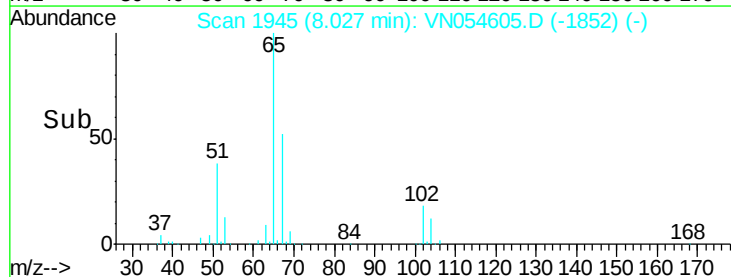
100000

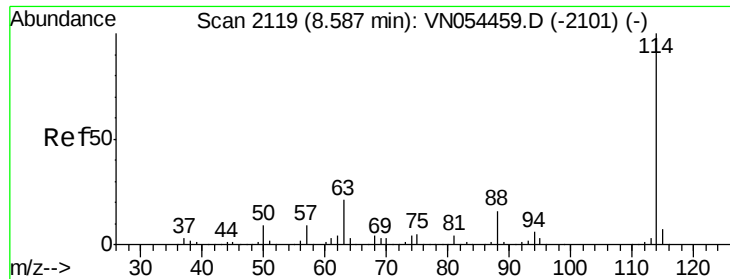
50000

0

7.90 8.00 8.10

Time-->

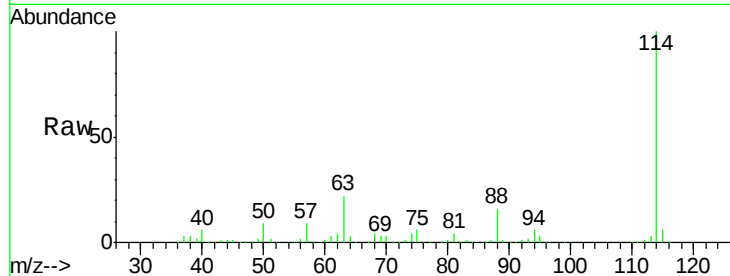




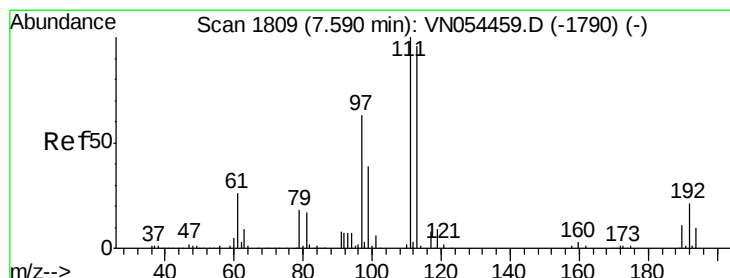
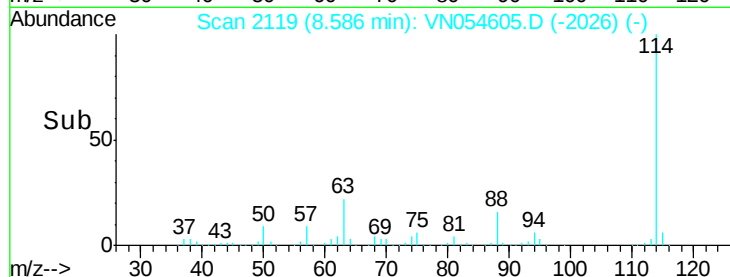
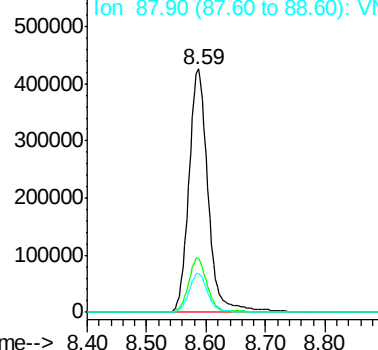
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054605.D
 Acq: 23 Mar 2019 15:32

Instrument :
 MSVOA_N
 ClientSampleId :
 M3-T2-OZ(PRE)

Tot Ion:114 Resp: 954410
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 35.2
 88 16.0 0.0 30.2

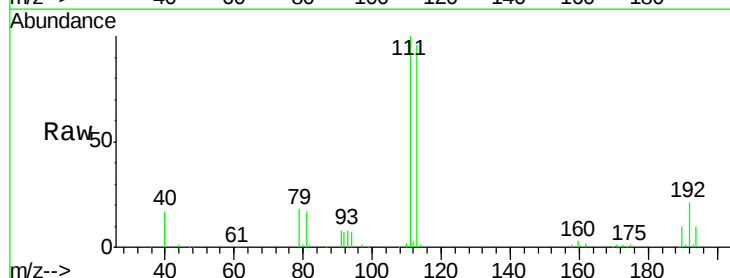


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO

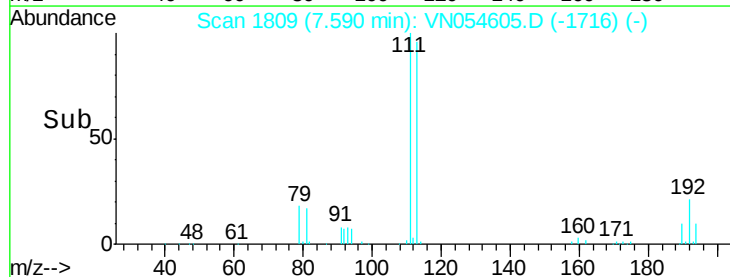
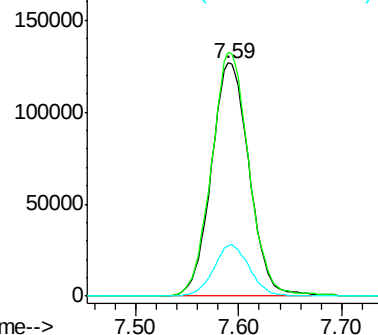


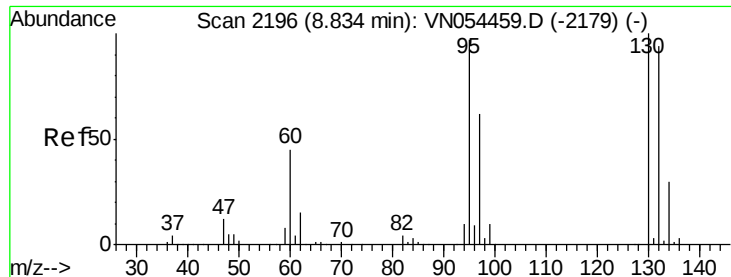
#35
 Dibromofluoromethane
 Concen: 52.537 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054605.D
 Acq: 23 Mar 2019 15:32

Tgt Ion:113 Resp: 323041
 Ion Ratio Lower Upper
 113 100
 111 104.1 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: 22.266 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN054605.D

Acq: 23 Mar 2019 15:32

Instrument :

MSVOA_N

ClientSampleId :

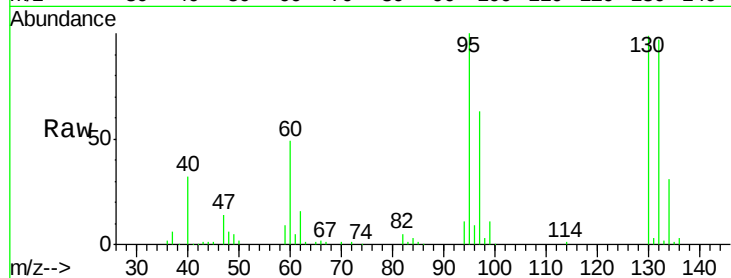
M3-T2-OZ(PRE)

Tot Ion:130 Resp: 157969

Ion Ratio Lower Upper

130 100

95 101.5 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.83

80000

60000

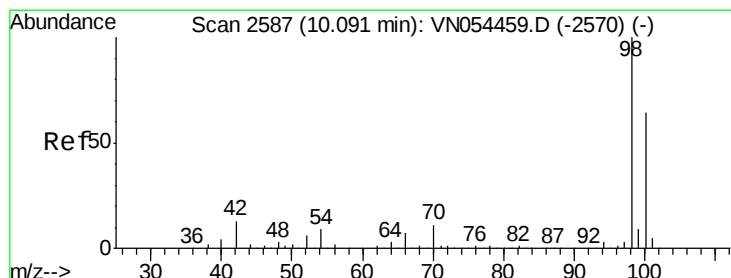
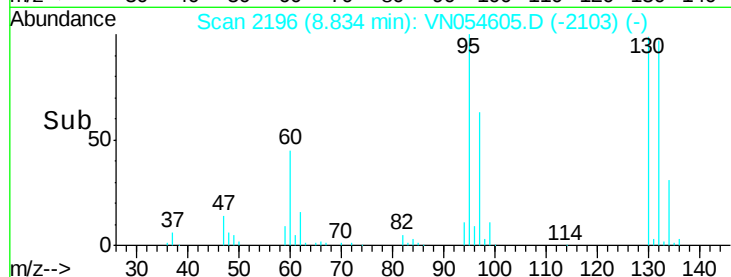
40000

20000

0

8.80 8.90

Time-->



#50

Toluene-d8

Concen: 53.362 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054605.D

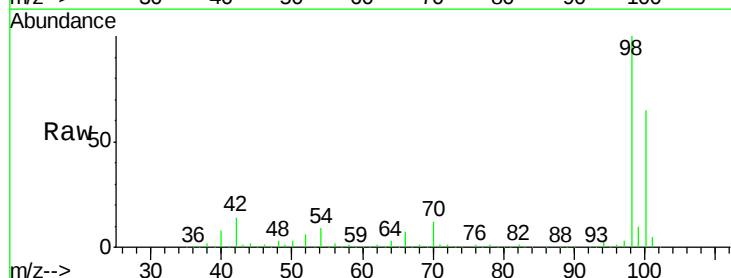
Acq: 23 Mar 2019 15:32

Tgt Ion: 98 Resp: 1233501

Ion Ratio Lower Upper

98 100

100 64.0 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

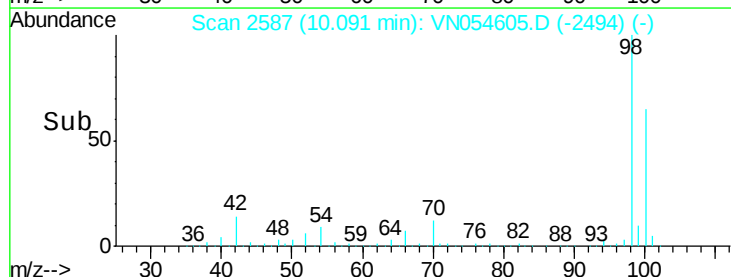
400000

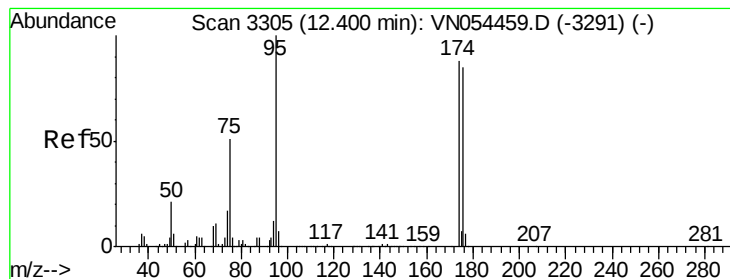
200000

0

10.00 10.10 10.20 10.30

Time-->





#62

4-Bromofluorobenzene

Concen: 48.843 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054605.D

Acq: 23 Mar 2019 15:32

Instrument :

MSVOA_N

ClientSampleId :

M3-T2-OZ(PRE)

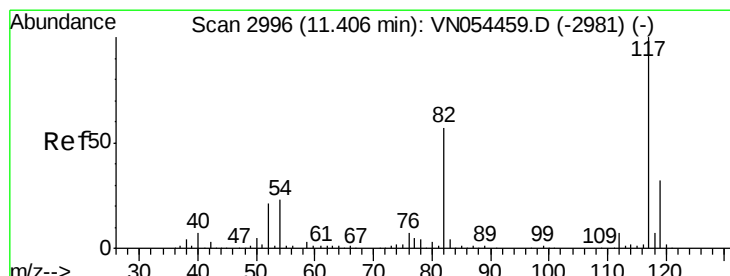
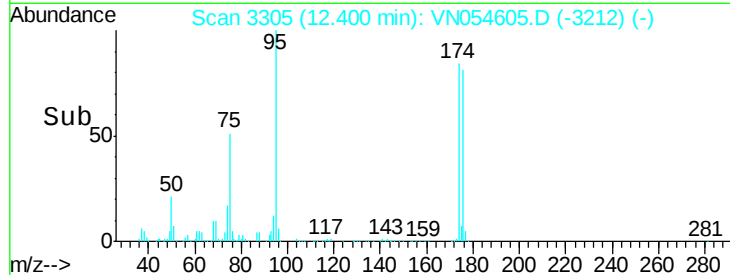
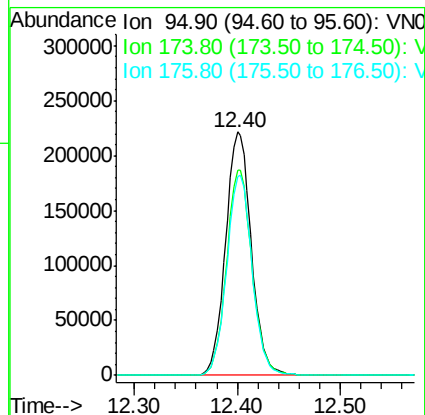
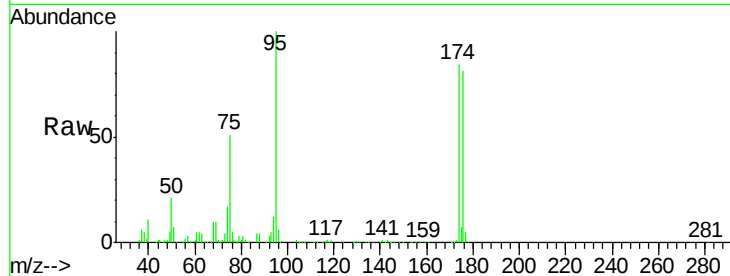
Tot Ion: 95 Resp: 384190

Ion Ratio Lower Upper

95 100

174 83.9 0.0 191.0

176 81.5 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054605.D

Acq: 23 Mar 2019 15:32

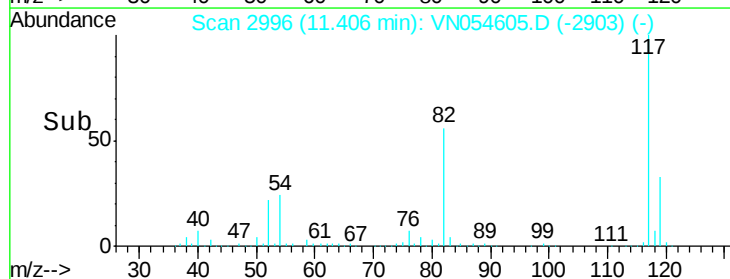
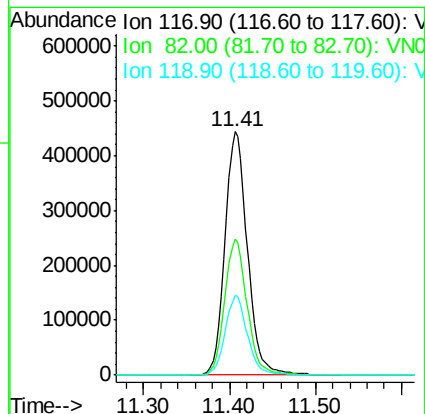
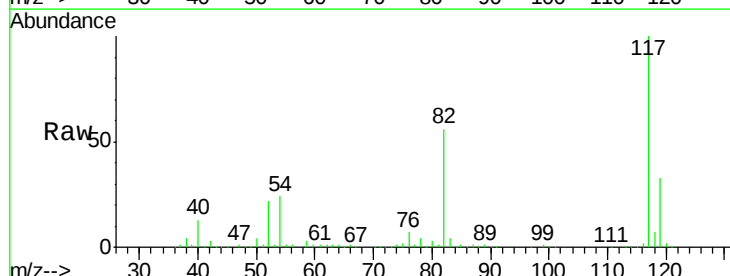
Tgt Ion: 117 Resp: 806444

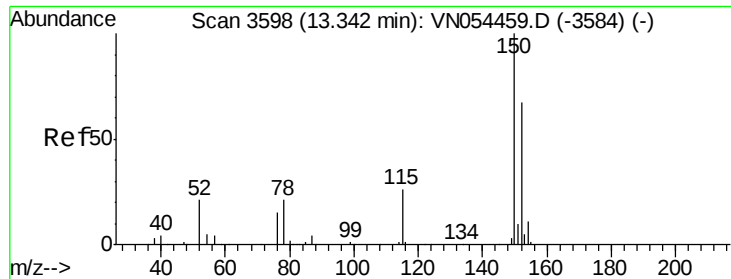
Ion Ratio Lower Upper

117 100

82 55.8 40.0 60.0

119 32.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054605.D

Acq: 23 Mar 2019 15:32

Instrument :

MSVOA_N

ClientSampleId :

M3-T2-OZ(PRE)

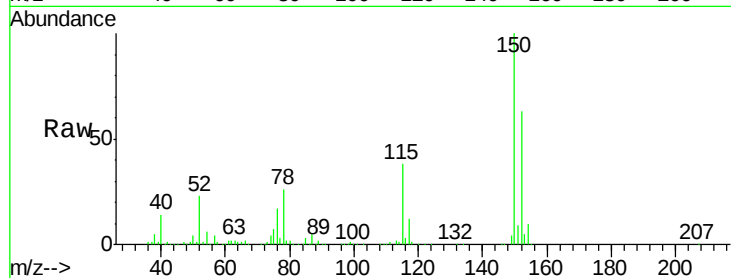
Tot Ion:152 Resp: 290609

Ion Ratio Lower Upper

152 100

115 58.2 27.2 81.6

150 157.9 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

