

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054604.D
 Acq On : 23 Mar 2019 15:04
 Operator : JC/SP
 Sample : K1912-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M3-T3-OZ(PRE)

Quant Time: Mar 25 04:12:24 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

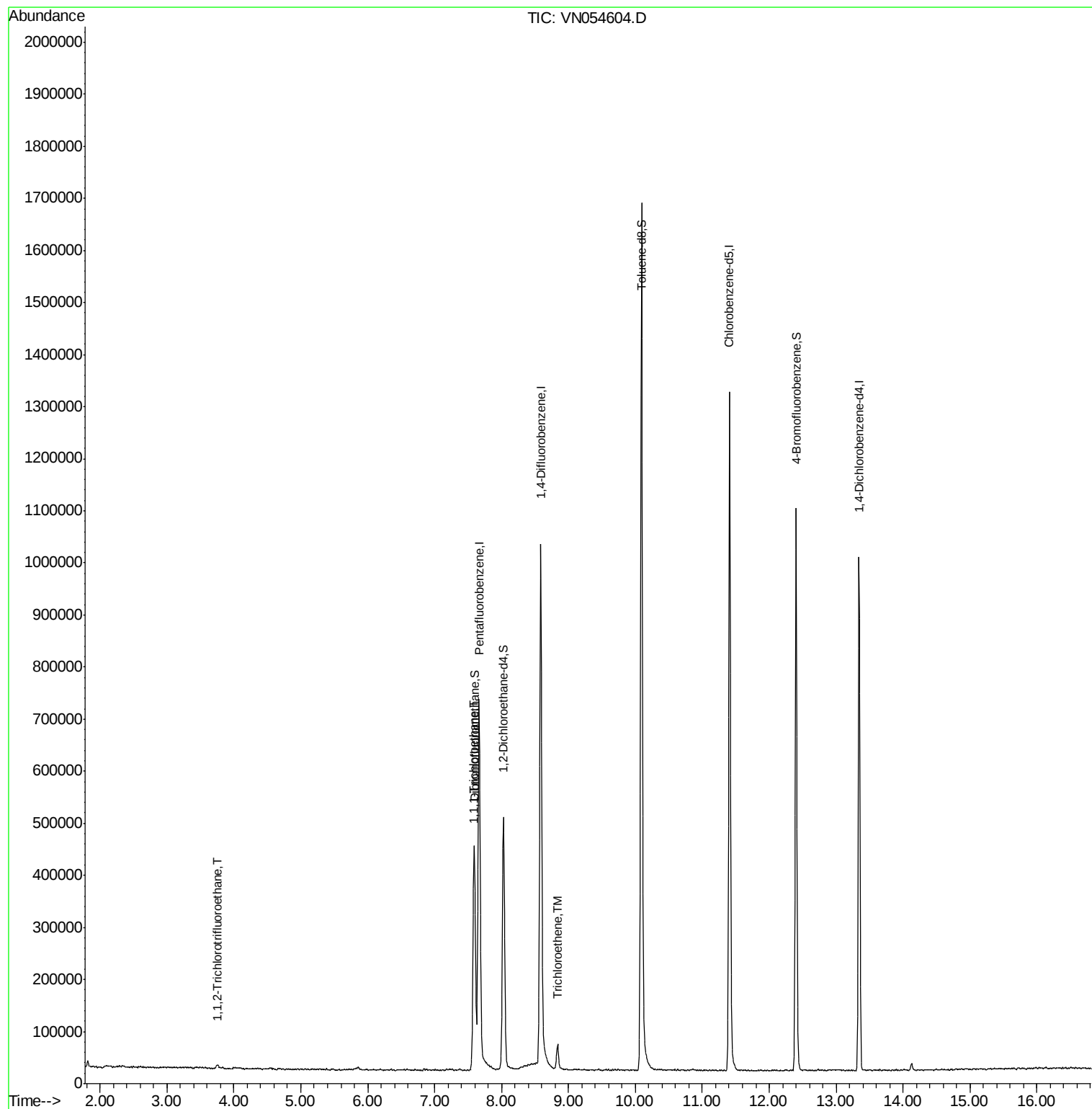
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	618249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	947078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	778612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	270802	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	419340	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
35) Dibromofluoromethane	7.59	113	328032	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
50) Toluene-d8	10.09	98	1229460	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
62) 4-Bromofluorobenzene	12.40	95	370983	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.75	101	4248	0.737	ug/l #	82
32) 1,1,1-Trichloroethane	7.57	97	3239	0.337	ug/l #	39
44) Trichloroethene	8.84	130	18393	2.613	ug/l	85

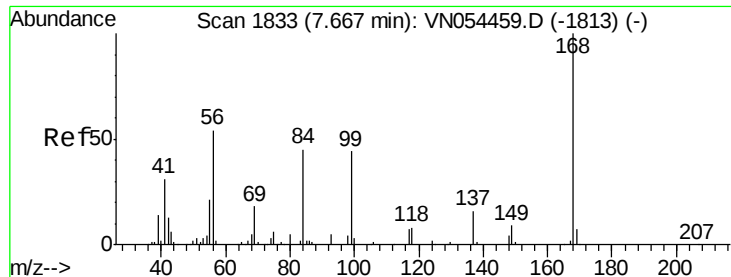
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054604.D

Acq: 23 Mar 2019 15:04

Instrument :

MSVOA_N

ClientSampleId :

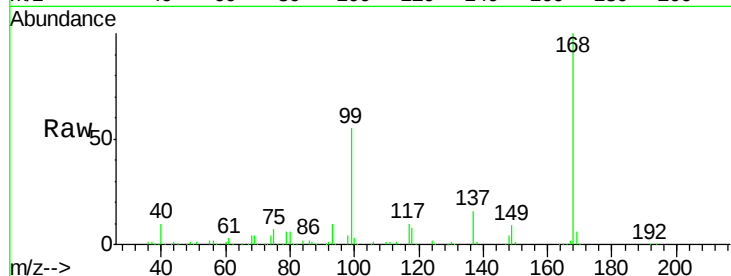
M3-T3-OZ(PRE)

Tot Ion:168 Resp: 618249

Ion Ratio Lower Upper

168 100

99 55.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

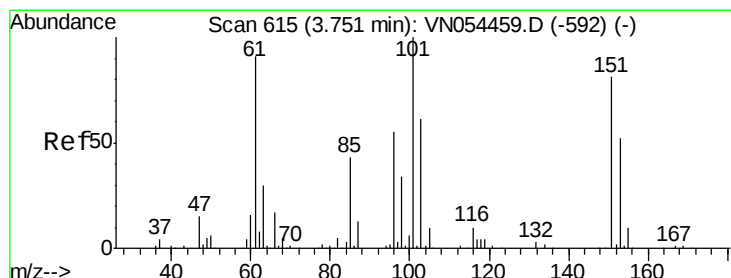
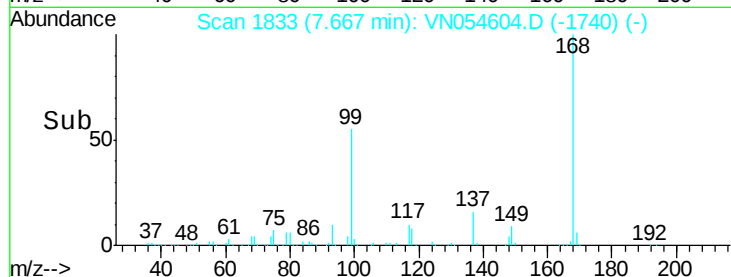
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.737 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN054604.D

Acq: 23 Mar 2019 15:04

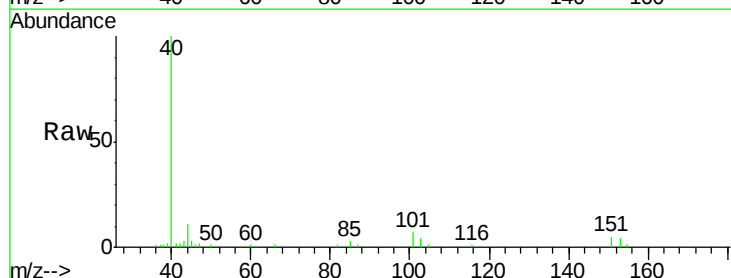
Tgt Ion:101 Resp: 4248

Ion Ratio Lower Upper

101 100

85 26.1 32.4 48.6#

151 71.7 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.75

2000

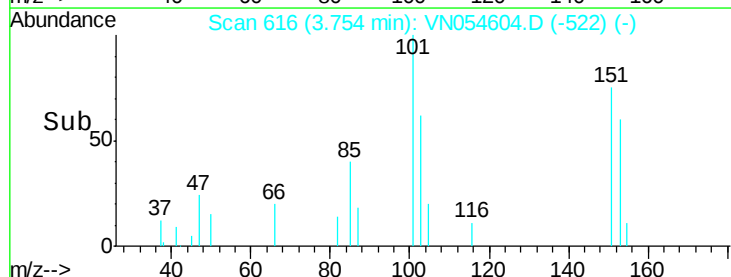
1500

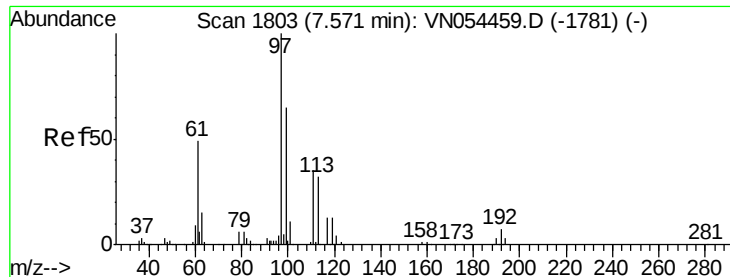
1000

500

0

Time-->





#32

1,1,1-Trichloroethane

Concen: 0.337 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN054604.D

Acq: 23 Mar 2019 15:04

Instrument :

MSVOA_N

ClientSampleId :

M3-T3-OZ(PRE)

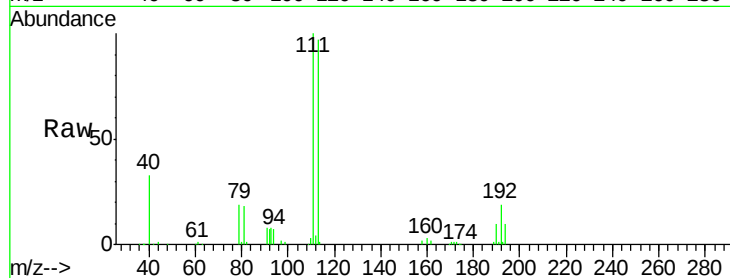
Tot Ion: 97 Resp: 3239

Ion Ratio Lower Upper

97 100

99 0.0 51.5 77.3#

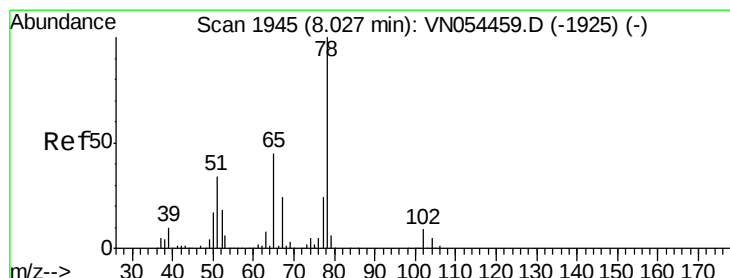
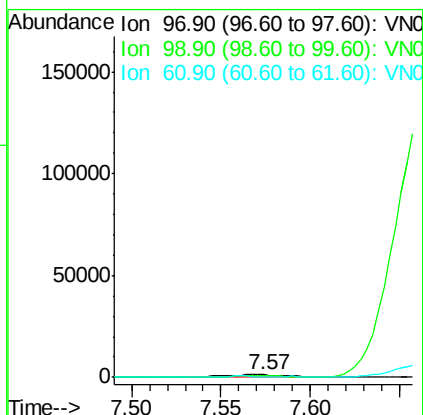
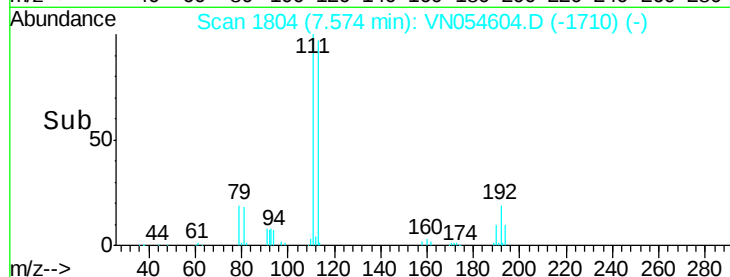
61 24.5 33.6 50.4#



Abundance Ion 96.90 (96.60 to 97.60): VN054604.D (-1781) (-)

Ion 98.90 (98.60 to 99.60): VN054604.D (-1781) (-)

Ion 60.90 (60.60 to 61.60): VN054604.D (-1781) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.530 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054604.D

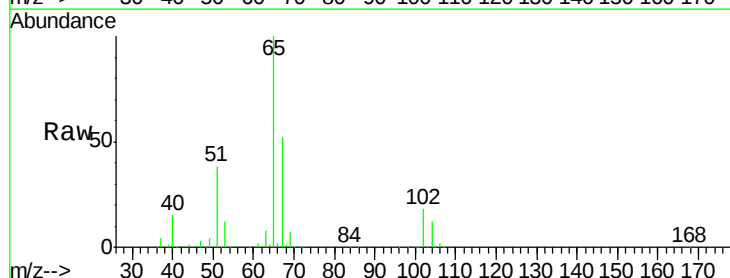
Acq: 23 Mar 2019 15:04

Tgt Ion: 65 Resp: 419340

Ion Ratio Lower Upper

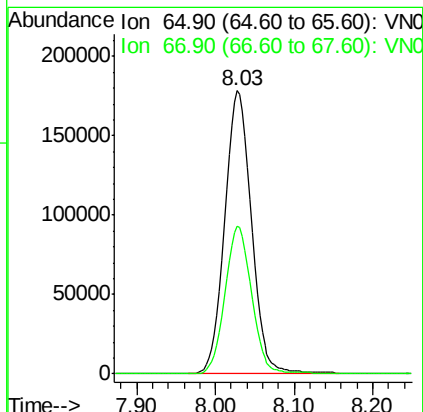
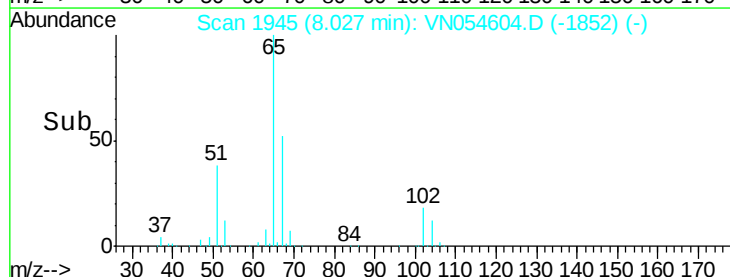
65 100

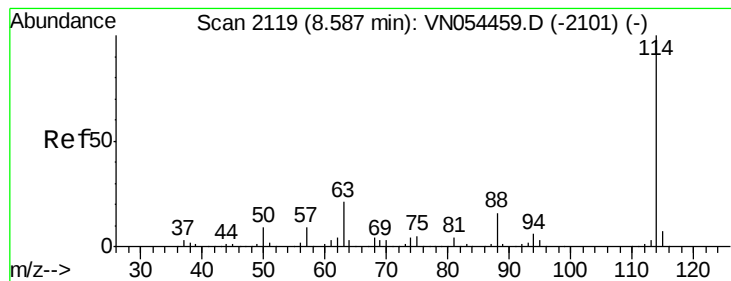
67 52.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054604.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054604.D (-1852) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054604.D

Acq: 23 Mar 2019 15:04

Instrument :

MSVOA_N

ClientSampleId :

M3-T3-OZ(PRE)

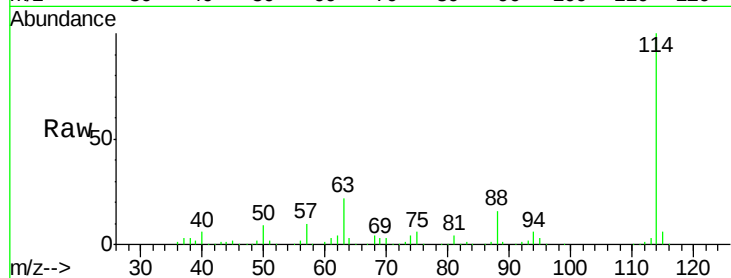
Tot Ion:114 Resp: 947078

Ion Ratio Lower Upper

114 100

63 21.8 0.0 35.2

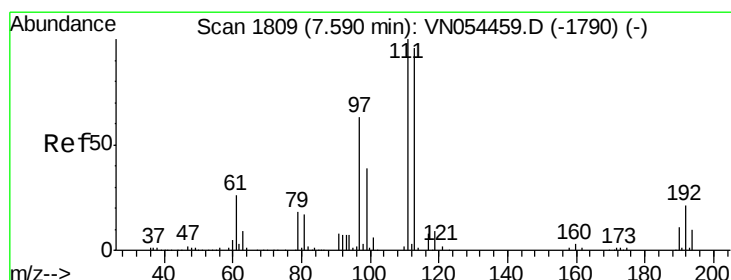
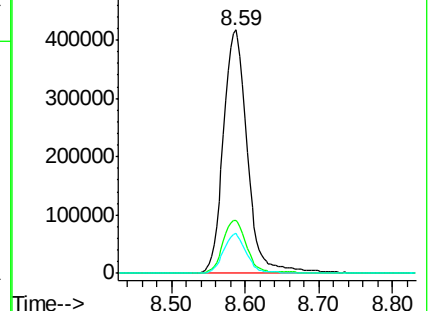
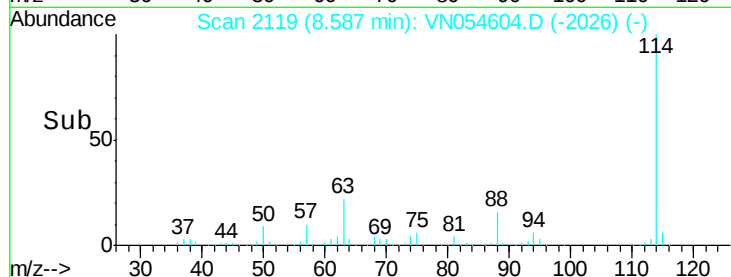
88 16.3 0.0 30.2



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: 53.762 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054604.D

Acq: 23 Mar 2019 15:04

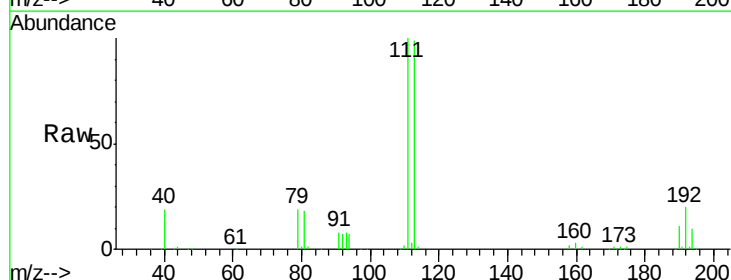
Tgt Ion:113 Resp: 328032

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

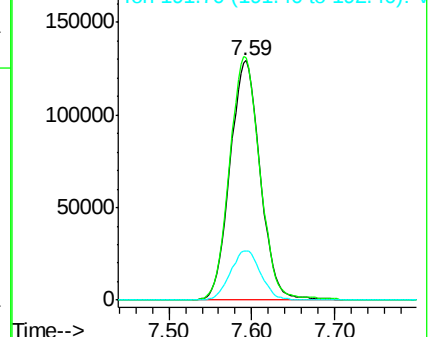
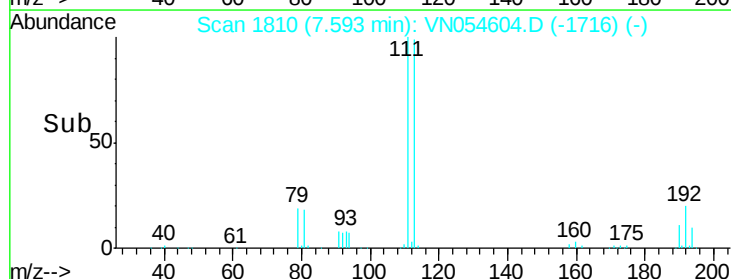
192 20.8 19.2 28.8

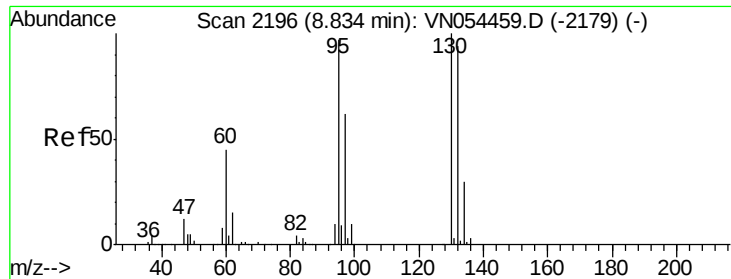


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.613 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054604.D

Acq: 23 Mar 2019 15:04

Instrument :

MSVOA_N

ClientSampleId :

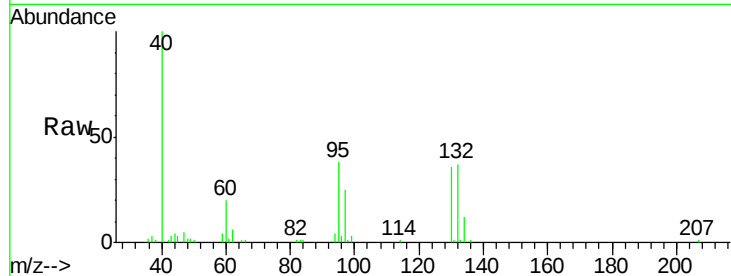
M3-T3-OZ(PRE)

Tot Ion:130 Resp: 18393

Ion Ratio Lower Upper

130 100

95 107.3 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

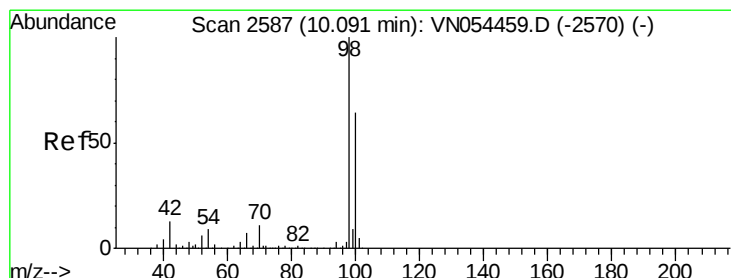
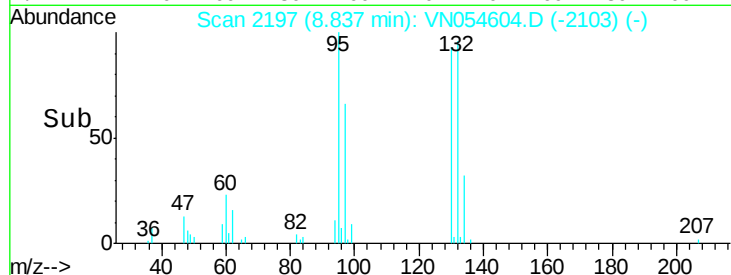
4000

2000

0

8.75 8.80 8.85 8.90

Time-->



#50

Toluene-d8

Concen: 53.599 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054604.D

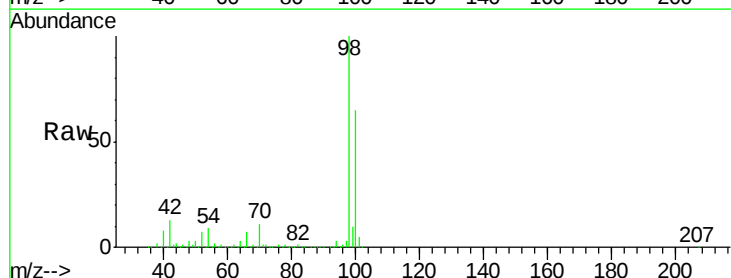
Acq: 23 Mar 2019 15:04

Tgt Ion: 98 Resp: 1229460

Ion Ratio Lower Upper

98 100

100 64.3 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

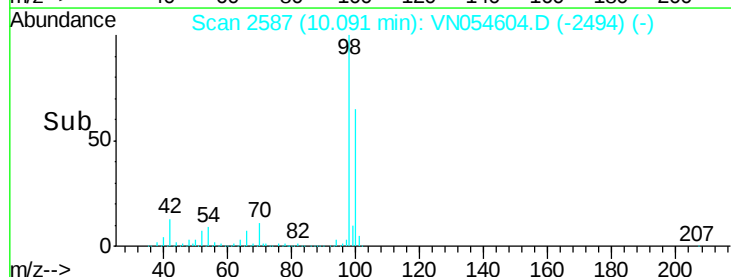
400000

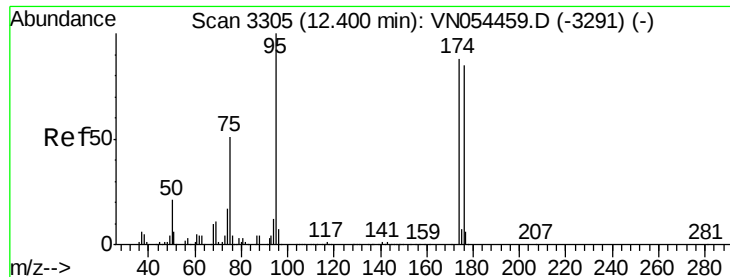
200000

0

10.00 10.10 10.20 10.30

Time-->





#62

4-Bromofluorobenzene

Concen: 47.529 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054604.D

Acq: 23 Mar 2019 15:04

Instrument :

MSVOA_N

ClientSampleId :

M3-T3-OZ(PRE)

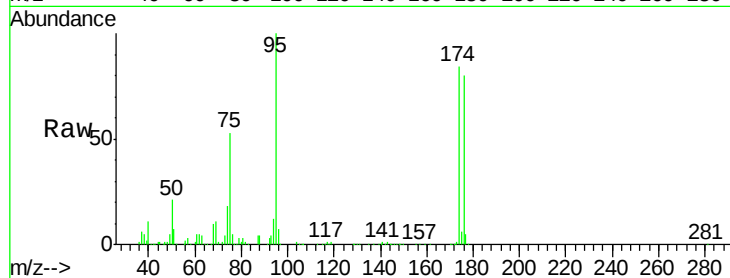
Tot Ion: 95 Resp: 370983

Ion Ratio Lower Upper

95 100

174 84.9 0.0 191.0

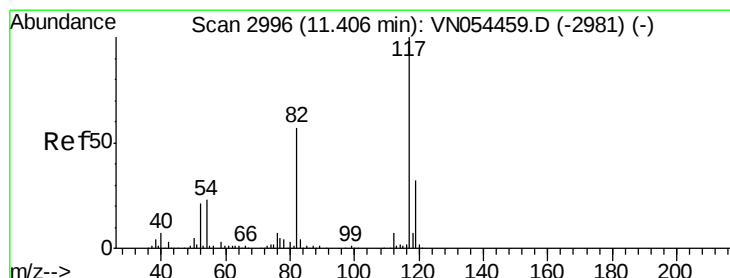
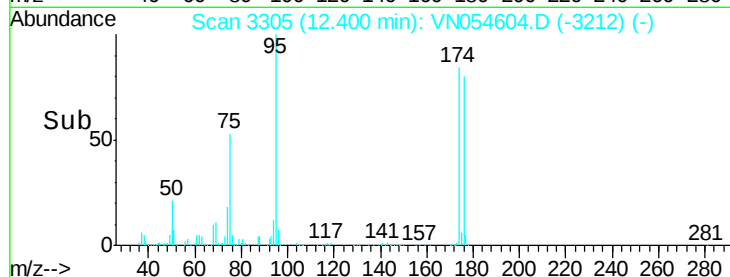
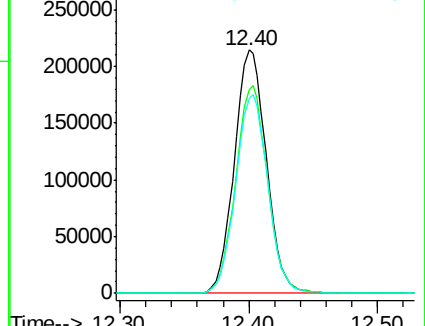
176 82.1 0.0 187.4



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: VN054604.D

Acq: 23 Mar 2019 15:04

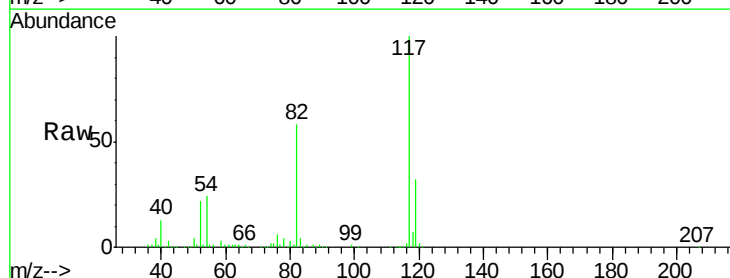
Tgt Ion: 117 Resp: 778612

Ion Ratio Lower Upper

117 100

82 57.7 40.0 60.0

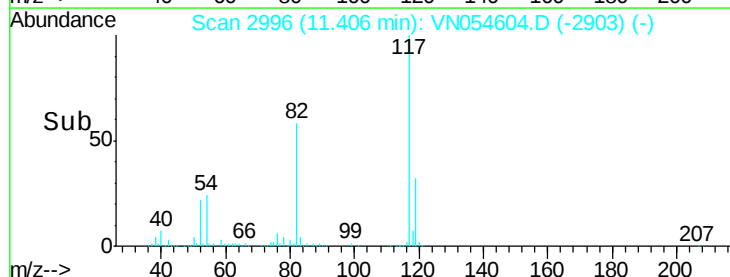
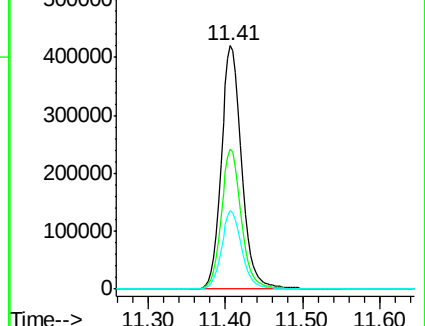
119 32.0 25.8 38.6

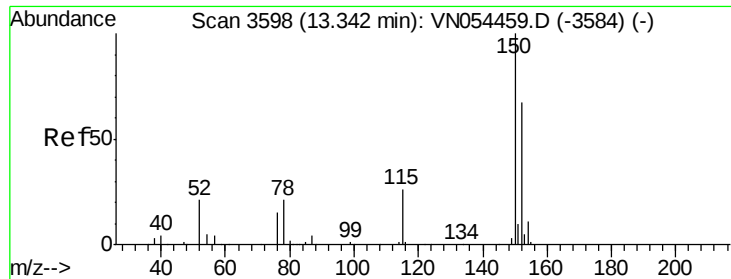


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054604.D

Acq: 23 Mar 2019 15:04

Instrument :

MSVOA_N

ClientSampleId :

M3-T3-OZ(PRE)

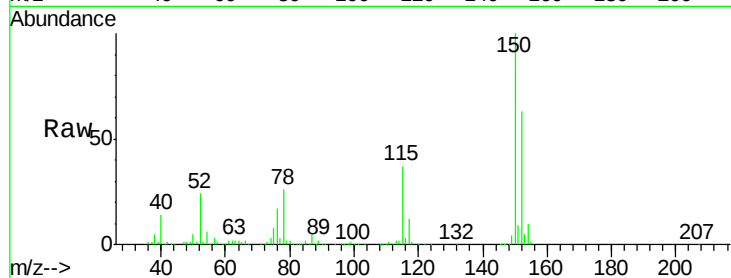
Tot Ion:152 Resp: 270802

Ion Ratio Lower Upper

152 100

115 58.0 27.2 81.6

150 154.8 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

