

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081618\
 Data File : VN050696.D
 Acq On : 16 Aug 2018 12:19
 Operator : MD\SY
 Sample : PB112048ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112048ZHE#01

Quant Time: Aug 17 04:07:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

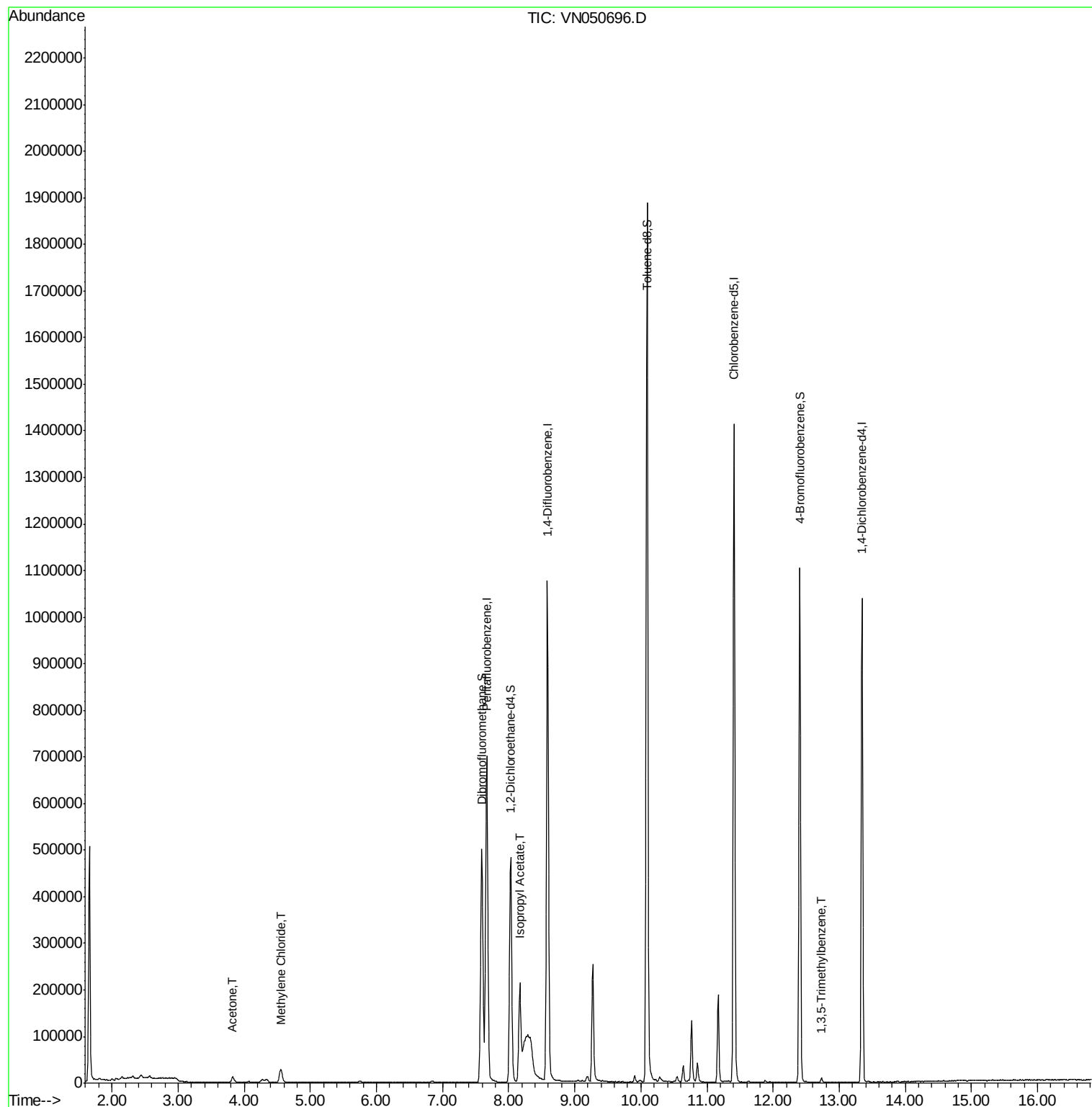
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	611677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1007743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	855818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	293949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	415727	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
35) Dibromofluoromethane	7.59	113	389770	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	10.09	98	1390546	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
62) 4-Bromofluorobenzene	12.40	95	370556	37.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.08%	
Target Compounds						
16) Acetone	3.82	43	20979	9.50	ug/l	99
20) Methylene Chloride	4.55	84	22086	1.79	ug/l	98
43) Isopropyl Acetate	8.17	43	266587	23.07	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	3904	0.21	ug/l	94

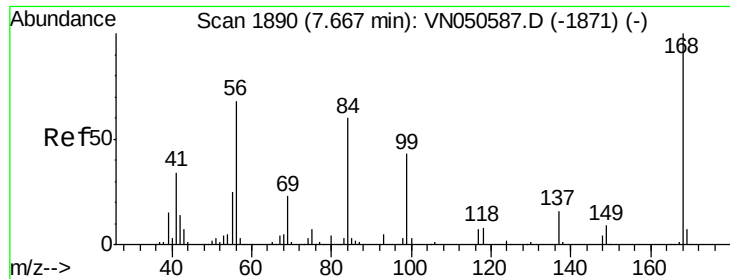
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050696.D

Acq: 16 Aug 2018 12:19

Instrument :

MSVOA_N

ClientSampleId :

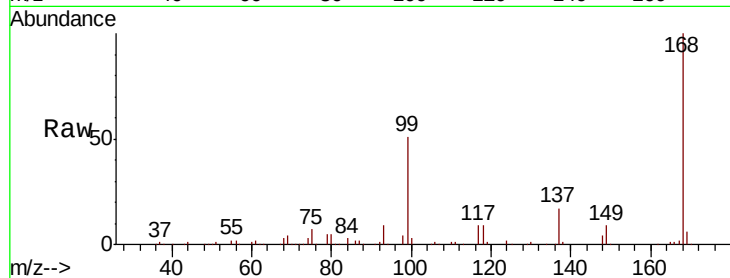
PB112048ZHE#01

Tot Ion:168 Resp: 611677

Ion Ratio Lower Upper

168 100

99 50.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

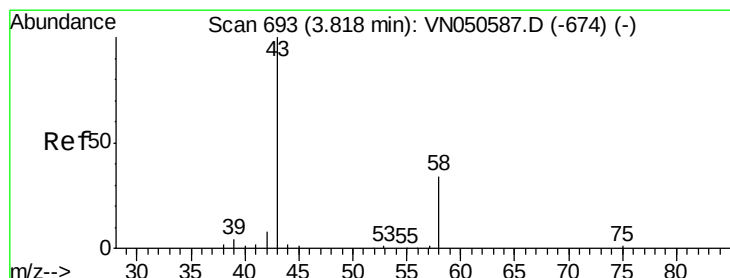
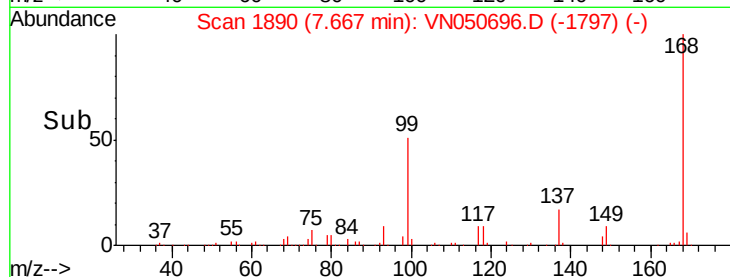
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 9.50 ug/l

RT: 3.82 min Scan# 693

Delta R.T. 0.01 min

Lab File: VN050696.D

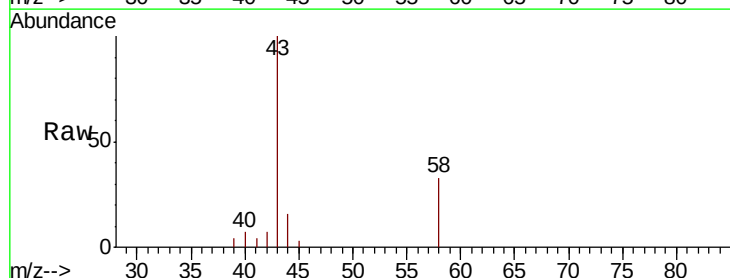
Acq: 16 Aug 2018 12:19

Tgt Ion: 43 Resp: 20979

Ion Ratio Lower Upper

43 100

58 33.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050587.D (-674) (-)

3.82

8000

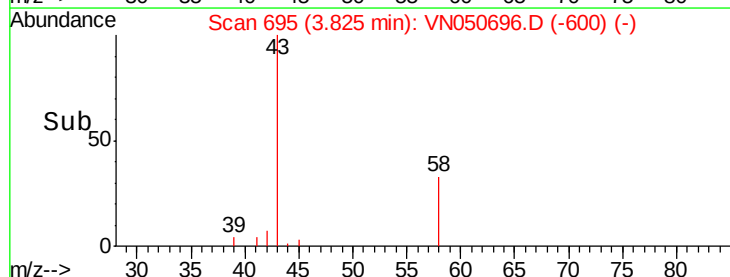
6000

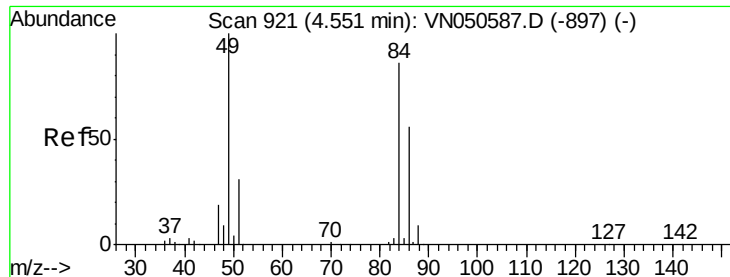
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

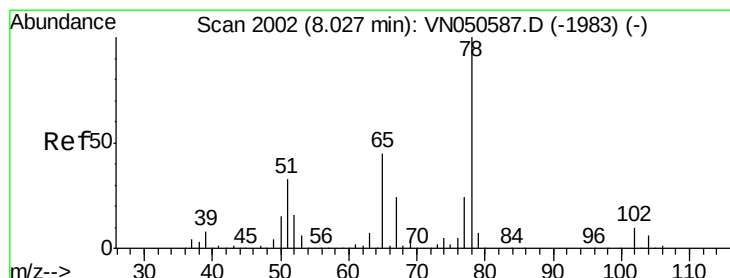
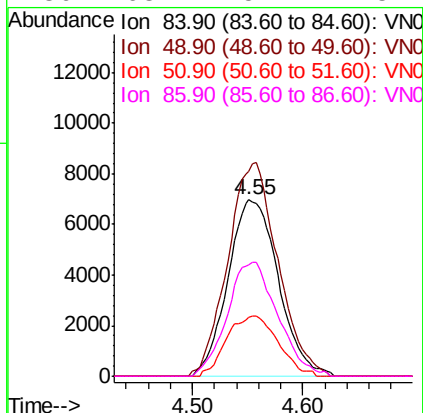
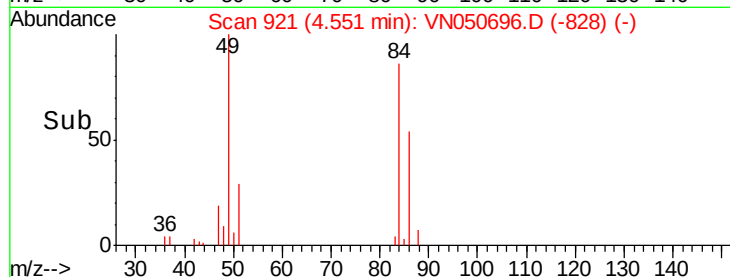
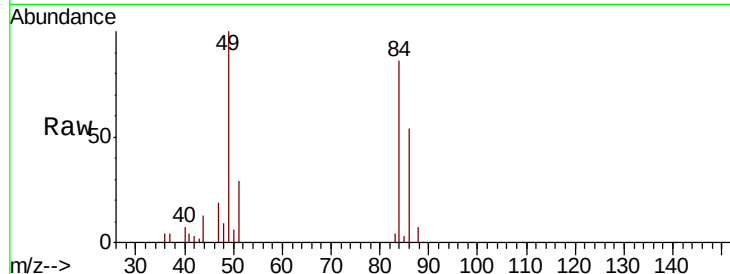




#20
Methylene Chloride
Concen: 1.79 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050696.D
Acq: 16 Aug 2018 12:19

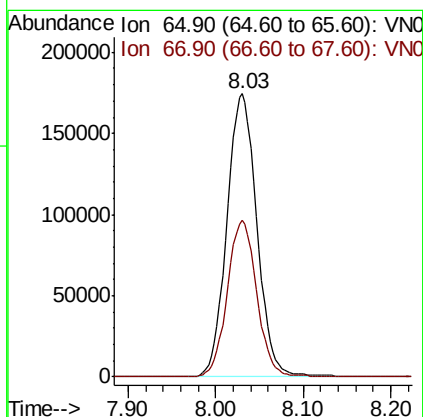
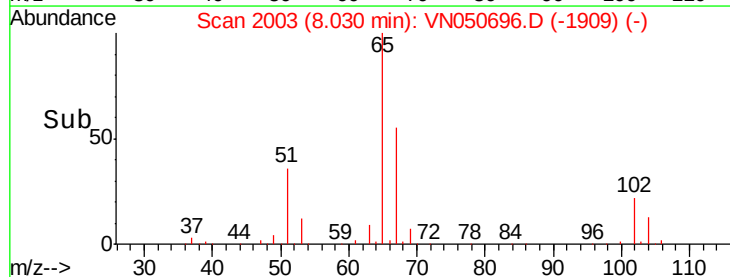
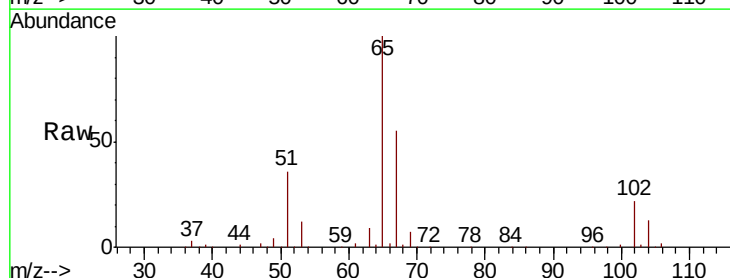
Instrument :
MSVOA_N
ClientSampleId :
PB112048ZHE#01

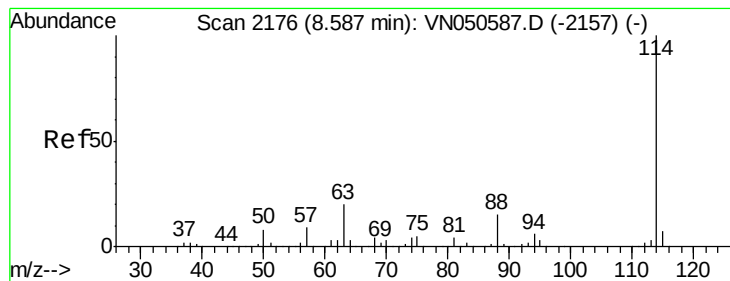
Tot Ion: 84 Resp: 22086
Ion Ratio Lower Upper
84 100
49 116.6 92.6 138.8
51 33.2 28.6 43.0
86 63.2 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 53.92 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050696.D
Acq: 16 Aug 2018 12:19

Tgt Ion: 65 Resp: 415727
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050696.D

Acq: 16 Aug 2018 12:19

Instrument :

MSVOA_N

ClientSampleId :

PB112048ZHE#01

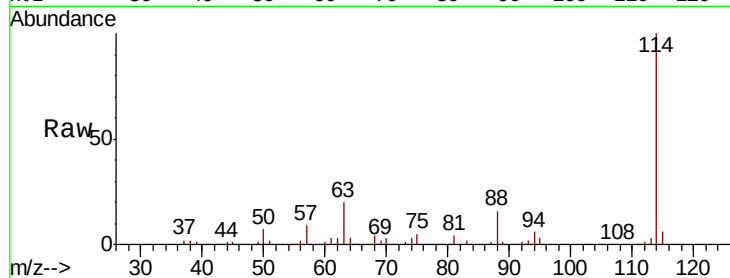
Tot Ion:114 Resp: 1007743

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

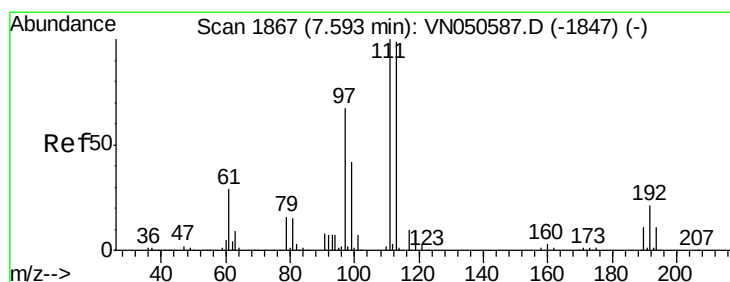
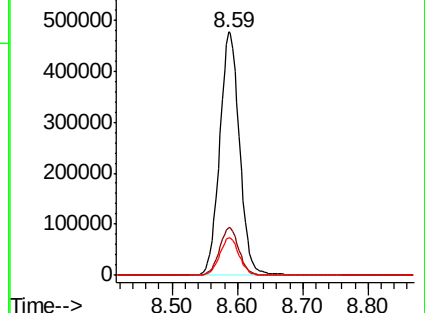
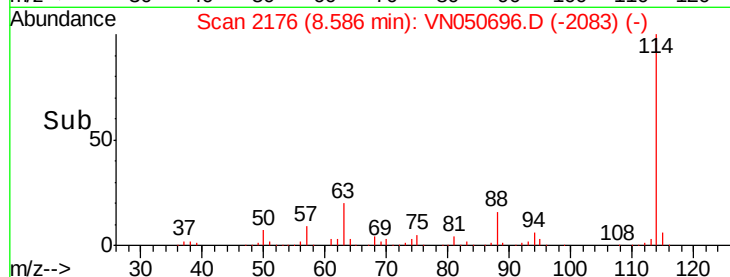
88 15.6 0.0 30.8



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: 48.45 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050696.D

Acq: 16 Aug 2018 12:19

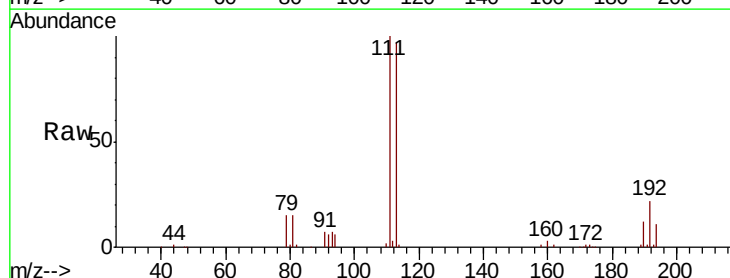
Tgt Ion:113 Resp: 389770

Ion Ratio Lower Upper

113 100

111 101.9 81.0 121.6

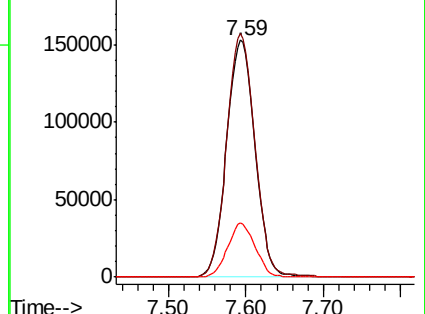
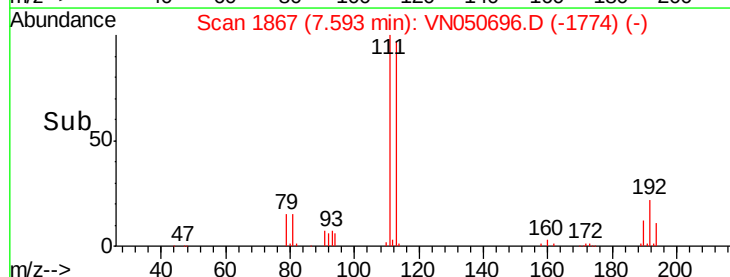
192 22.0 17.6 26.4

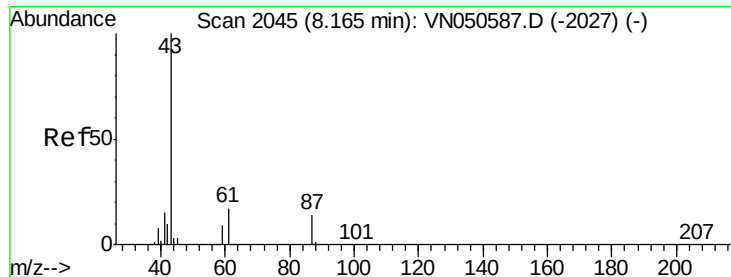


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 23.07 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050696.D

Acq: 16 Aug 2018 12:19

Instrument :

MSVOA_N

ClientSampleId :

PB112048ZHE#01

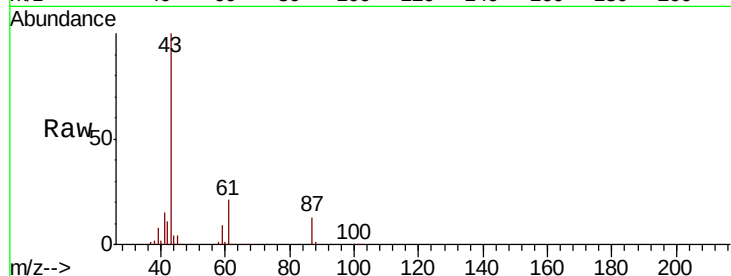
Tot Ion: 43 Resp: 266587

Ion Ratio Lower Upper

43 100

61 19.4 16.2 24.2

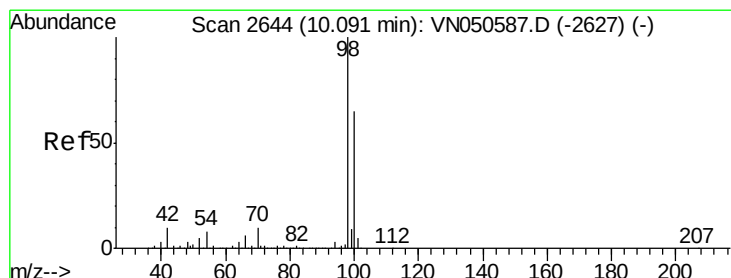
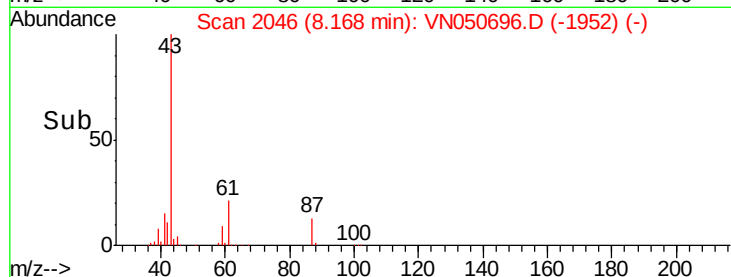
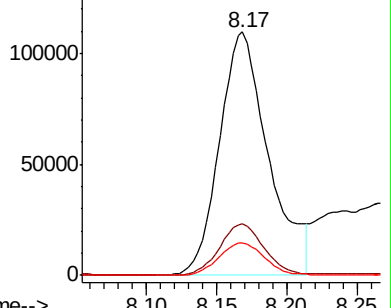
87 12.5 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)



#50

Toluene-d8

Concen: 45.92 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050696.D

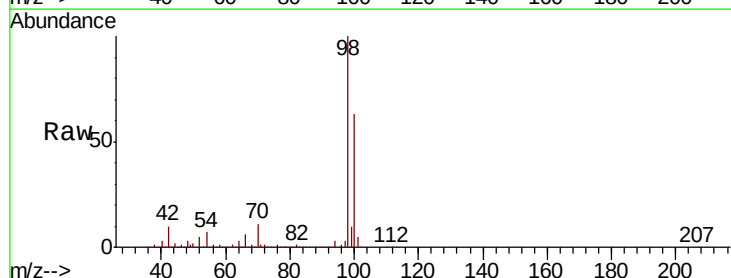
Acq: 16 Aug 2018 12:19

Tgt Ion: 98 Resp: 1390546

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050587.D (-2627) (-)

Ion 112.00 (111.70 to 112.70): VN050587.D (-2627) (-)

Ion 207.00 (206.70 to 207.70): VN050587.D (-2627) (-)

Ion 210.00 (209.70 to 210.70): VN050587.D (-2627) (-)

Ion 213.00 (212.70 to 213.70): VN050587.D (-2627) (-)

Ion 216.00 (215.70 to 216.70): VN050587.D (-2627) (-)

Ion 219.00 (218.70 to 219.70): VN050587.D (-2627) (-)

Ion 222.00 (221.70 to 222.70): VN050587.D (-2627) (-)

Ion 225.00 (224.70 to 225.70): VN050587.D (-2627) (-)

Ion 228.00 (227.70 to 228.70): VN050587.D (-2627) (-)

Ion 231.00 (230.70 to 231.70): VN050587.D (-2627) (-)

Ion 234.00 (233.70 to 234.70): VN050587.D (-2627) (-)

Ion 237.00 (236.70 to 237.70): VN050587.D (-2627) (-)

Ion 240.00 (239.70 to 240.70): VN050587.D (-2627) (-)

Ion 243.00 (242.70 to 243.70): VN050587.D (-2627) (-)

Ion 246.00 (245.70 to 246.70): VN050587.D (-2627) (-)

Ion 249.00 (248.70 to 249.70): VN050587.D (-2627) (-)

Ion 252.00 (251.70 to 252.70): VN050587.D (-2627) (-)

Ion 255.00 (254.70 to 255.70): VN050587.D (-2627) (-)

Ion 258.00 (257.70 to 258.70): VN050587.D (-2627) (-)

Ion 261.00 (260.70 to 261.70): VN050587.D (-2627) (-)

Ion 264.00 (263.70 to 264.70): VN050587.D (-2627) (-)

Ion 267.00 (266.70 to 267.70): VN050587.D (-2627) (-)

Ion 270.00 (269.70 to 270.70): VN050587.D (-2627) (-)

Ion 273.00 (272.70 to 273.70): VN050587.D (-2627) (-)

Ion 276.00 (275.70 to 276.70): VN050587.D (-2627) (-)

Ion 279.00 (278.70 to 279.70): VN050587.D (-2627) (-)

Ion 282.00 (281.70 to 282.70): VN050587.D (-2627) (-)

Ion 285.00 (284.70 to 285.70): VN050587.D (-2627) (-)

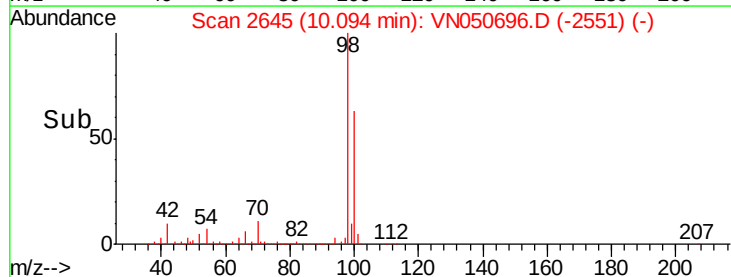
Ion 288.00 (287.70 to 288.70): VN050587.D (-2627) (-)

Ion 291.00 (290.70 to 291.70): VN050587.D (-2627) (-)

Ion 294.00 (293.70 to 294.70): VN050587.D (-2627) (-)

Ion 297.00 (296.70 to 297.70): VN050587.D (-2627) (-)

Ion 300.00 (299.70 to 300.70): VN050587.D (-2627) (-)



Abundance Ion 98.00 (97.70 to 98.70): VN050696.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN050696.D (-2551) (-)

Ion 112.00 (111.70 to 112.70): VN050696.D (-2551) (-)

Ion 207.00 (206.70 to 207.70): VN050696.D (-2551) (-)

Ion 210.00 (209.70 to 210.70): VN050696.D (-2551) (-)

Ion 213.00 (212.70 to 213.70): VN050696.D (-2551) (-)

Ion 216.00 (215.70 to 216.70): VN050696.D (-2551) (-)

Ion 219.00 (218.70 to 219.70): VN050696.D (-2551) (-)

Ion 222.00 (221.70 to 222.70): VN050696.D (-2551) (-)

Ion 225.00 (224.70 to 225.70): VN050696.D (-2551) (-)

Ion 228.00 (227.70 to 228.70): VN050696.D (-2551) (-)

Ion 231.00 (230.70 to 231.70): VN050696.D (-2551) (-)

Ion 234.00 (233.70 to 234.70): VN050696.D (-2551) (-)

Ion 237.00 (236.70 to 237.70): VN050696.D (-2551) (-)

Ion 240.00 (239.70 to 240.70): VN050696.D (-2551) (-)

Ion 243.00 (242.70 to 243.70): VN050696.D (-2551) (-)

Ion 246.00 (245.70 to 246.70): VN050696.D (-2551) (-)

Ion 249.00 (248.70 to 249.70): VN050696.D (-2551) (-)

Ion 252.00 (251.70 to 252.70): VN050696.D (-2551) (-)

Ion 255.00 (254.70 to 255.70): VN050696.D (-2551) (-)

Ion 258.00 (257.70 to 258.70): VN050696.D (-2551) (-)

Ion 261.00 (260.70 to 261.70): VN050696.D (-2551) (-)

Ion 264.00 (263.70 to 264.70): VN050696.D (-2551) (-)

Ion 267.00 (266.70 to 267.70): VN050696.D (-2551) (-)

Ion 270.00 (269.70 to 270.70): VN050696.D (-2551) (-)

Ion 273.00 (272.70 to 273.70): VN050696.D (-2551) (-)

Ion 276.00 (275.70 to 276.70): VN050696.D (-2551) (-)

Ion 279.00 (278.70 to 279.70): VN050696.D (-2551) (-)

Ion 282.00 (281.70 to 282.70): VN050696.D (-2551) (-)

Ion 285.00 (284.70 to 285.70): VN050696.D (-2551) (-)

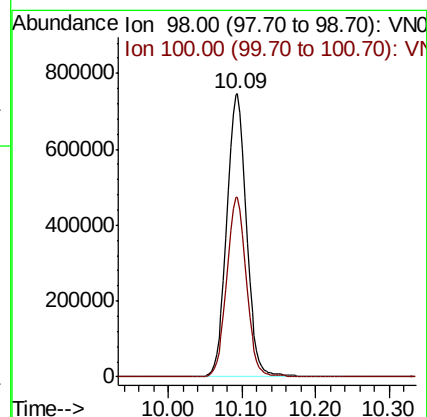
Ion 288.00 (287.70 to 288.70): VN050696.D (-2551) (-)

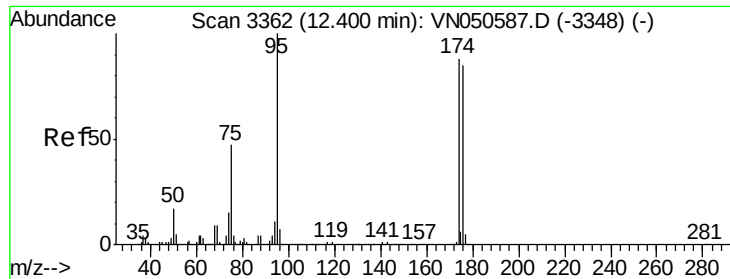
Ion 291.00 (290.70 to 291.70): VN050696.D (-2551) (-)

Ion 294.00 (293.70 to 294.70): VN050696.D (-2551) (-)

Ion 297.00 (296.70 to 297.70): VN050696.D (-2551) (-)

Ion 300.00 (299.70 to 300.70): VN050696.D (-2551) (-)





#62

4-Bromofluorobenzene

Concen: 37.04 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050696.D

Acq: 16 Aug 2018 12:19

Instrument :

MSVOA_N

ClientSampleId :

PB112048ZHE#01

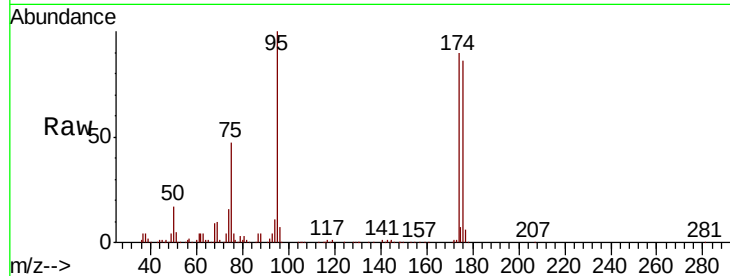
Tot Ion: 95 Resp: 370556

Ion Ratio Lower Upper

95 100

174 92.2 0.0 177.8

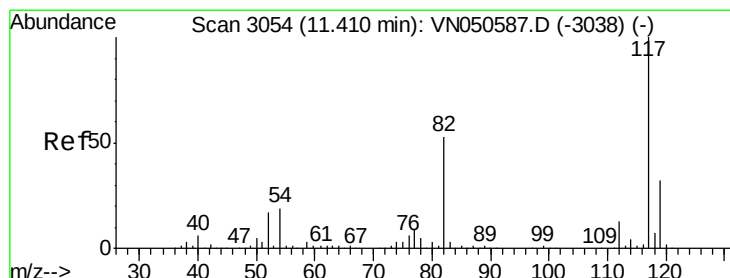
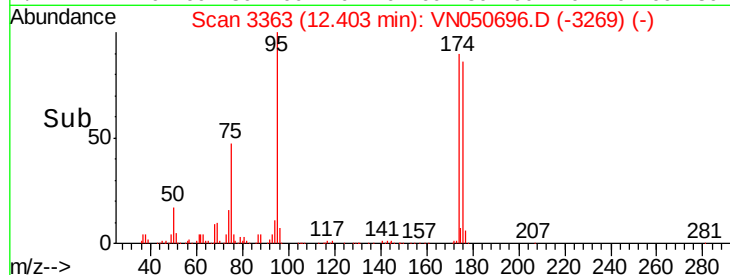
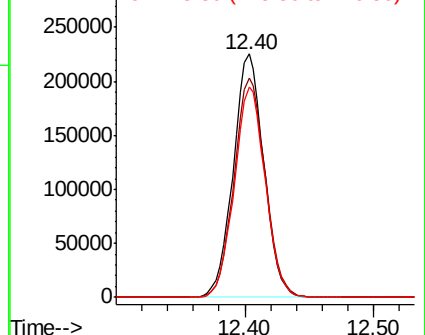
176 87.6 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050696.D

Acq: 16 Aug 2018 12:19

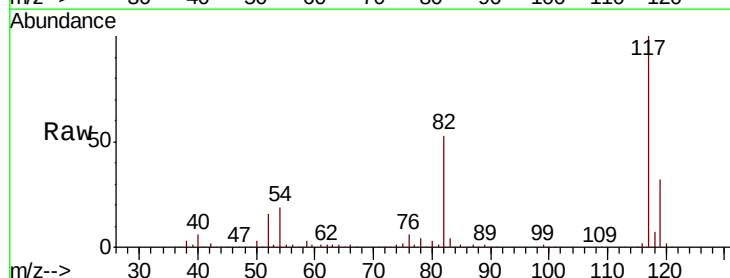
Tgt Ion: 117 Resp: 855818

Ion Ratio Lower Upper

117 100

82 53.4 42.4 63.6

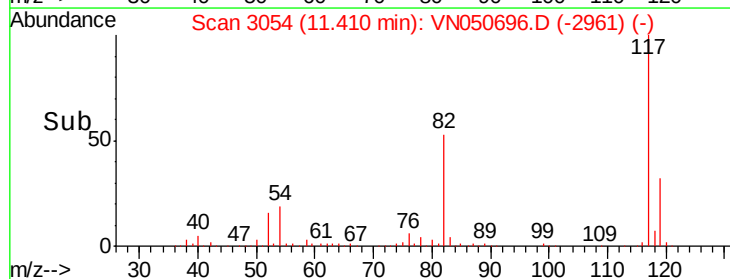
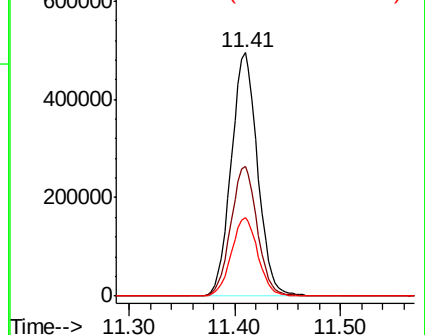
119 32.3 25.8 38.8

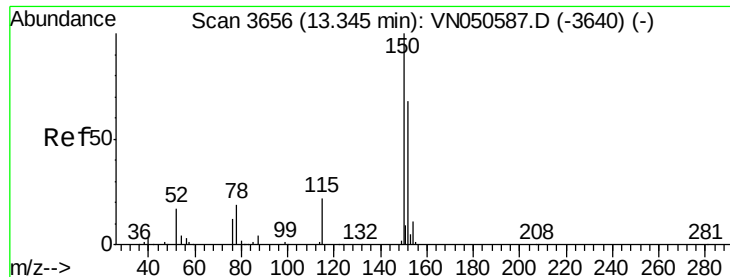


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050696.D

Acq: 16 Aug 2018 12:19

Instrument :

MSVOA_N

ClientSampleId :

PB112048ZHE#01

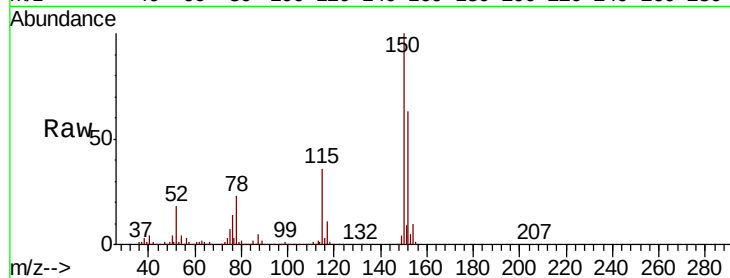
Tot Ion:152 Resp: 293949

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

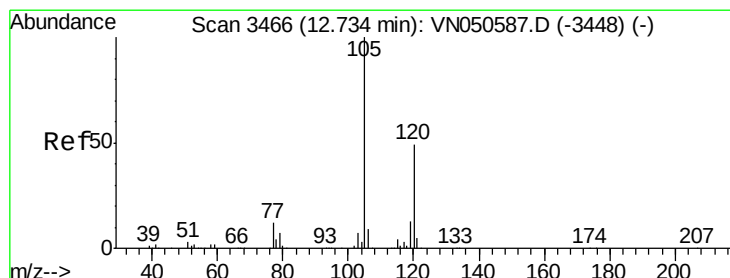
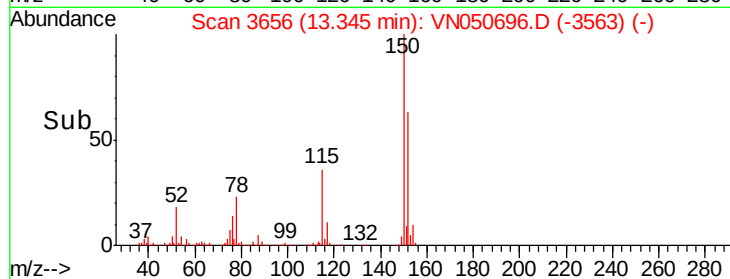
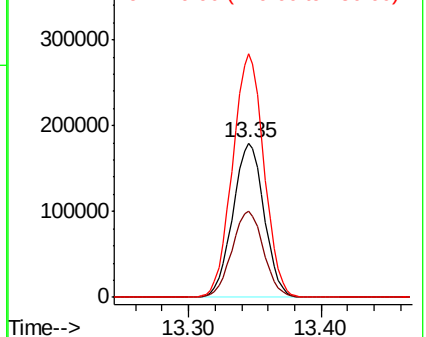
150 158.4 0.0 347.8



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



#80

1,3,5-Trimethylbenzene

Concen: 0.21 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. -0.00 min

Lab File: VN050696.D

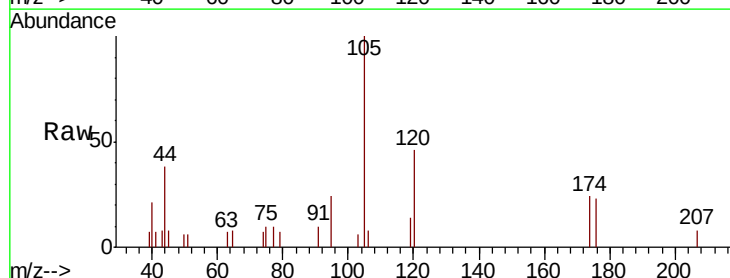
Acq: 16 Aug 2018 12:19

Tgt Ion:105 Resp: 3904

Ion Ratio Lower Upper

105 100

120 45.3 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

