

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\  
 Data File : VN057233.D  
 Acq On : 12 Aug 2019 22:31  
 Operator : JC/SP  
 Sample : K4229-32  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 2S-A4(0)

Quant Time: Aug 13 03:35:58 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N080719W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 08 06:49:25 2019  
 Response via : Initial Calibration

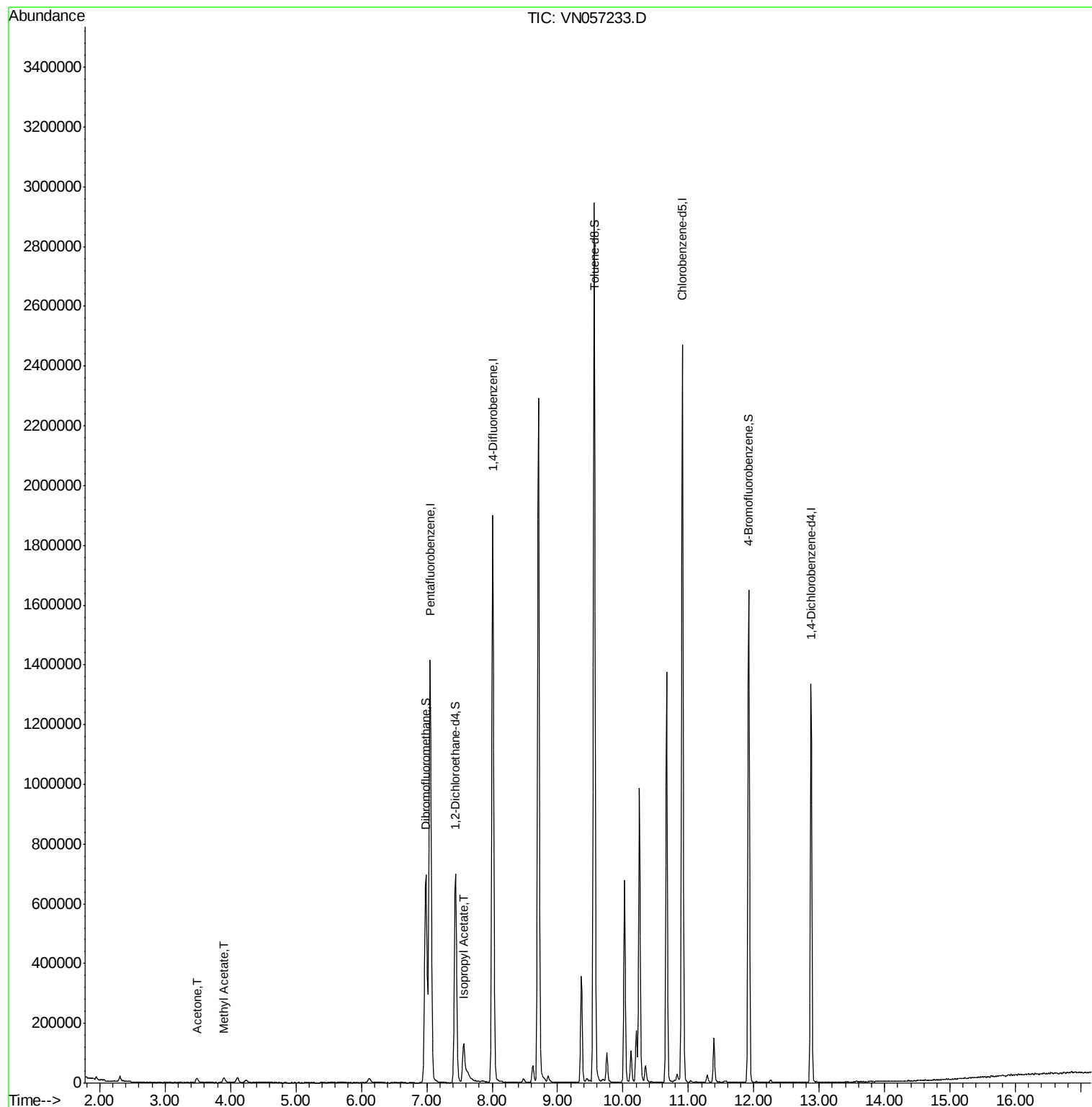
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) Pentafluorobenzene       | 7.05  | 168  | 1360379  | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.01  | 114  | 1904422  | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.91 | 117  | 1580223  | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.88 | 152  | 389708   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.44  | 65   | 619567   | 44.28 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 88.56% |          |
| 35) Dibromofluoromethane    | 6.99  | 113  | 572599   | 47.91 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.82% |          |
| 50) Toluene-d8              | 9.56  | 98   | 2206553  | 48.26 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 96.52% |          |
| 62) 4-Bromofluorobenzene    | 11.92 | 95   | 567188   | 38.50 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 77.00% |          |
| Target Compounds            |       |      |          |       |        |          |
| 16) Acetone                 | 3.48  | 43   | 22314    | 5.281 | ug/l   | 92       |
| 18) Methyl Acetate          | 3.90  | 43   | 29124    | 1.678 | ug/l   | 97       |
| 43) Isopropyl Acetate       | 7.56  | 43   | 207630   | 9.413 | ug/l # | 77       |

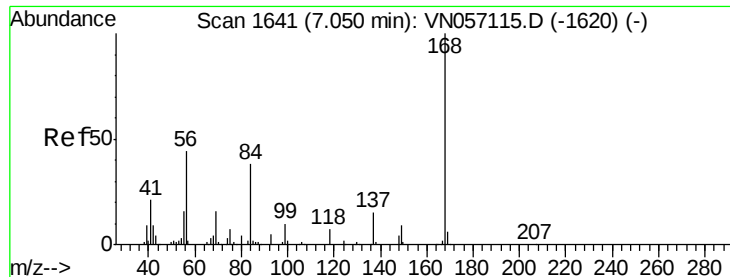
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081219\  
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QLast Update : Thu Aug 08 06:49:25 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057233.D

Acq: 12 Aug 2019 22:31

Instrument :

MSVOA\_N

ClientSampled :

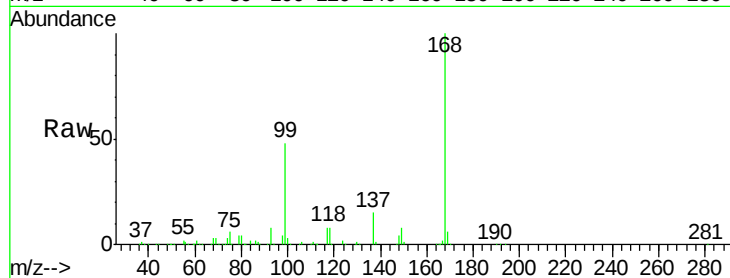
2S-A4-(0)

Tot Ion:168 Resp: 1360379

Ion Ratio Lower Upper

168 100

99 47.5 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.05

600000

500000

400000

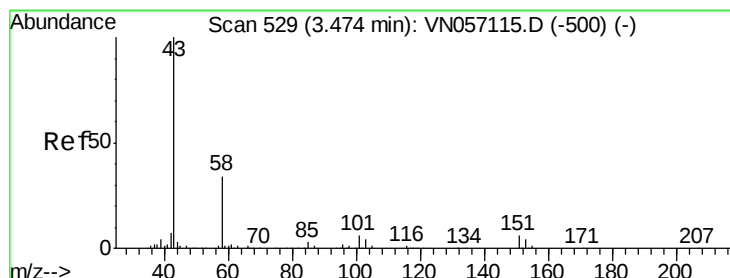
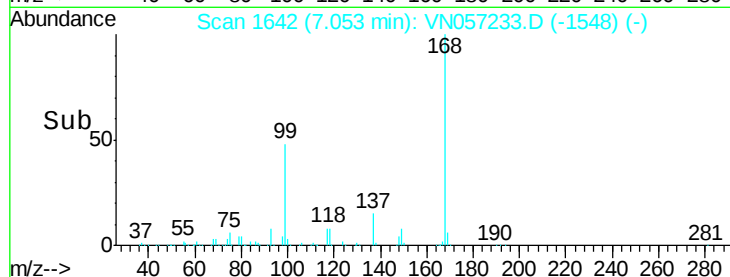
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.281 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057233.D

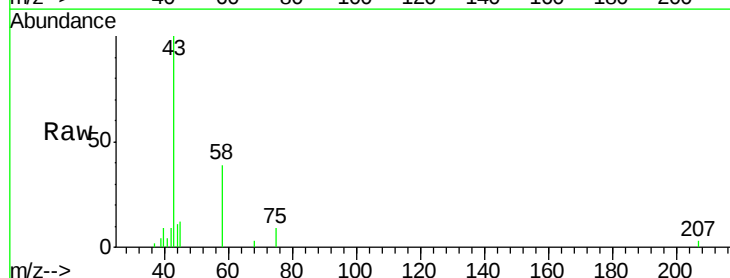
Acq: 12 Aug 2019 22:31

Tgt Ion: 43 Resp: 22314

Ion Ratio Lower Upper

43 100

58 39.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.48

8000

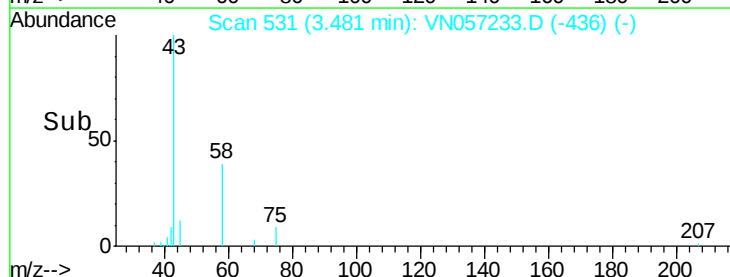
6000

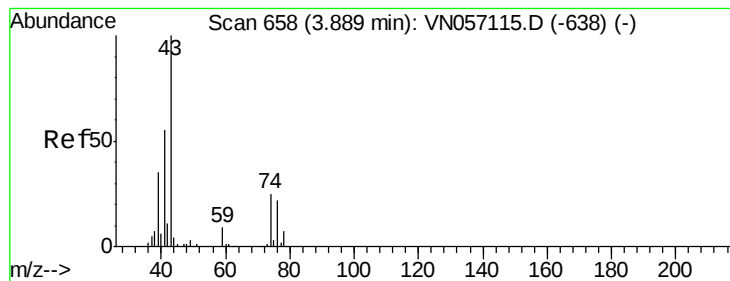
4000

2000

0

Time-->





#18

Methvl Acetate

Concen: 1.678 ug/l

RT: 3.90 min Scan# 661

Delta R.T. 0.01 min

Lab File: VN057233.D

Acq: 12 Aug 2019 22:31

Instrument :

MSVOA\_N

ClientSampleId :

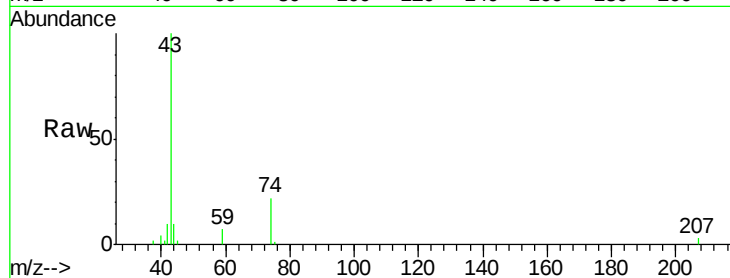
2S-A4(0)

Tot Ion: 43 Resp: 29124

Ion Ratio Lower Upper

43 100

74 23.6 20.2 30.4

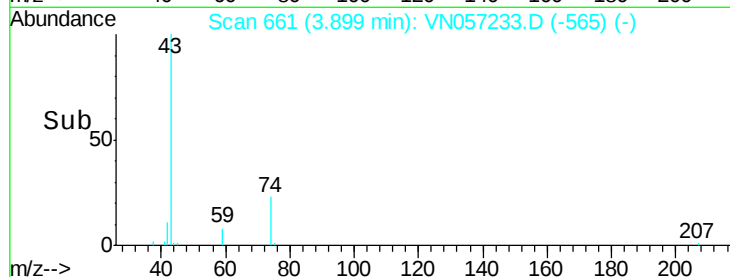


Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-638) (-)

Ion 74.00 (73.70 to 74.70): VN057115.D (-638) (-)

3.90

Time-->



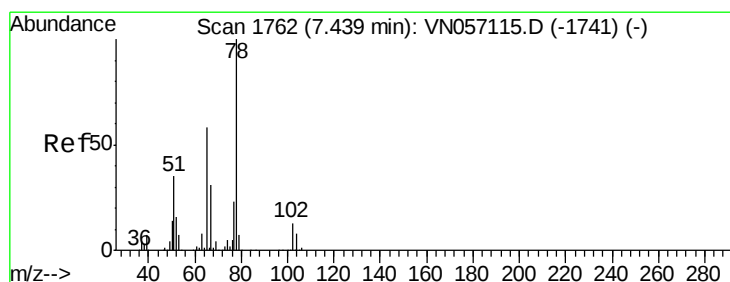
Abundance

Ion 43.00 (42.70 to 43.70): VN057233.D (-565) (-)

Ion 74.00 (73.70 to 74.70): VN057233.D (-565) (-)

3.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.285 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057233.D

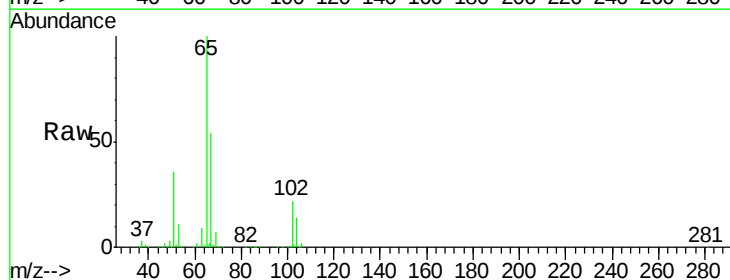
Acq: 12 Aug 2019 22:31

Tgt Ion: 65 Resp: 619567

Ion Ratio Lower Upper

65 100

67 55.2 0.0 108.2

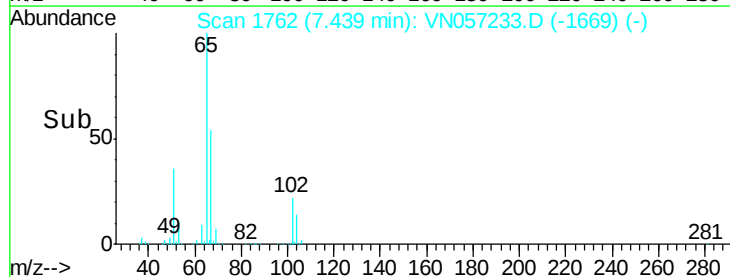


Abundance Ion 64.90 (64.60 to 65.60): VN057115.D (-1741) (-)

Ion 66.90 (66.60 to 67.60): VN057115.D (-1741) (-)

7.44

Time-->



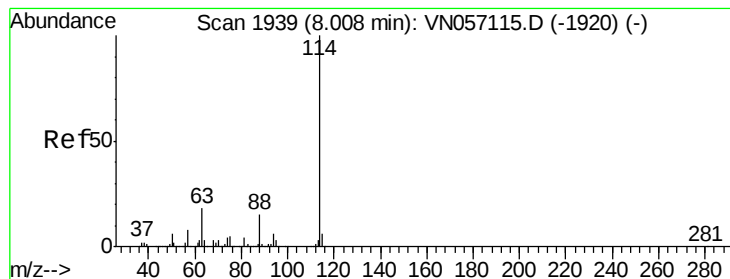
Abundance

Ion 64.90 (64.60 to 65.60): VN057233.D (-1669) (-)

Ion 66.90 (66.60 to 67.60): VN057233.D (-1669) (-)

7.44

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN057233.D

Acq: 12 Aug 2019 22:31

Instrument :

MSVOA\_N

ClientSampleId :

2S-A4-(0)

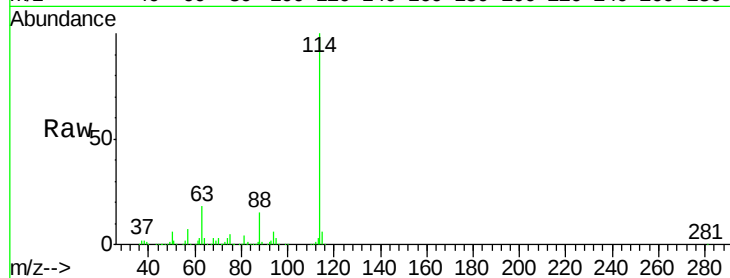
Tot Ion:114 Resp: 1904422

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.2

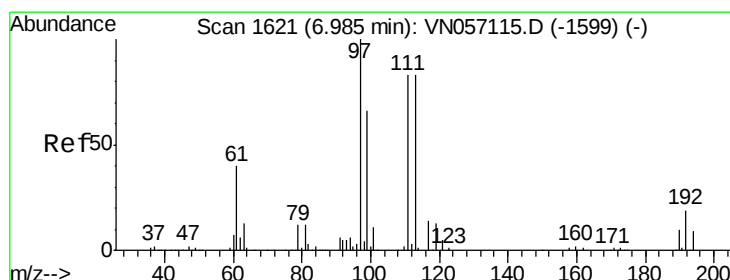
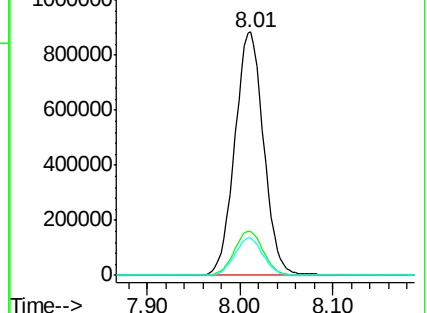
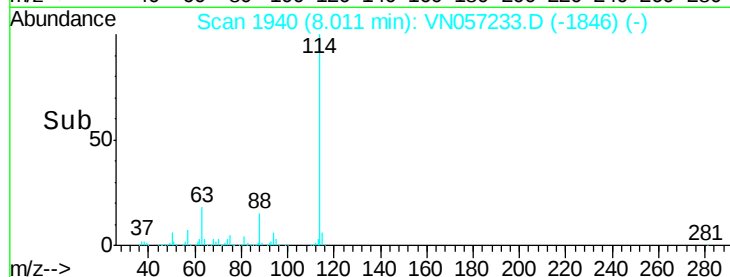
88 15.2 0.0 30.0



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: 47.914 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VN057233.D

Acq: 12 Aug 2019 22:31

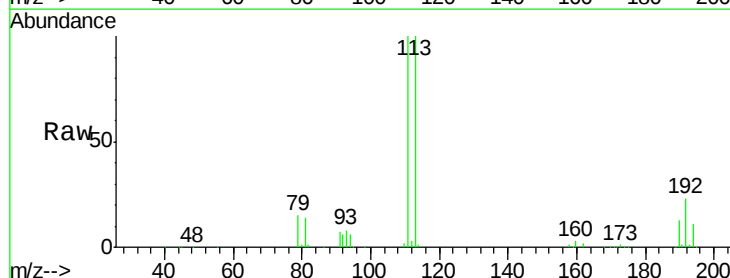
Tgt Ion:113 Resp: 572599

Ion Ratio Lower Upper

113 100

111 101.9 81.3 121.9

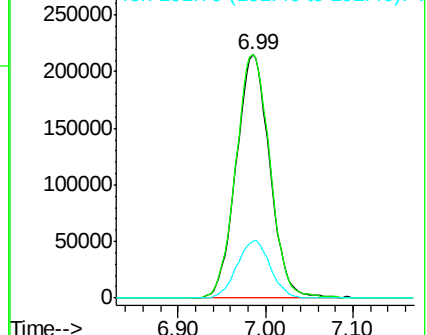
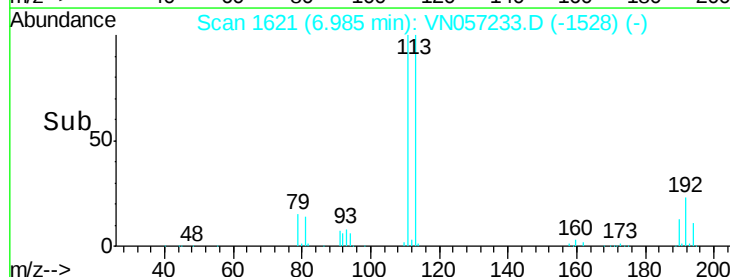
192 23.5 19.0 28.4

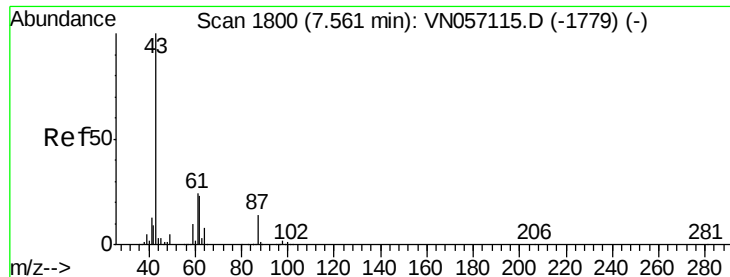


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.413 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN057233.D

Acq: 12 Aug 2019 22:31

Instrument :

MSVOA\_N

ClientSampleId :

2S-A4(0)

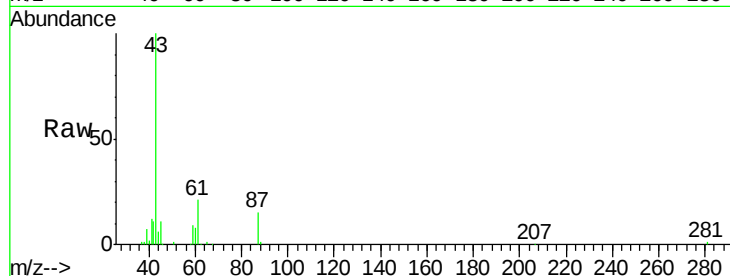
Tot Ion: 43 Resp: 207630

Ion Ratio Lower Upper

43 100

61 14.8 24.2 36.2#

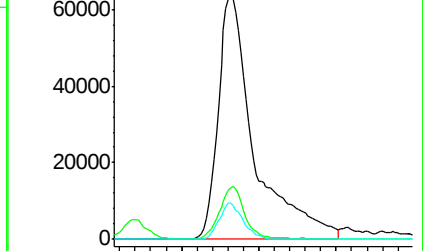
87 9.8 11.8 17.8#



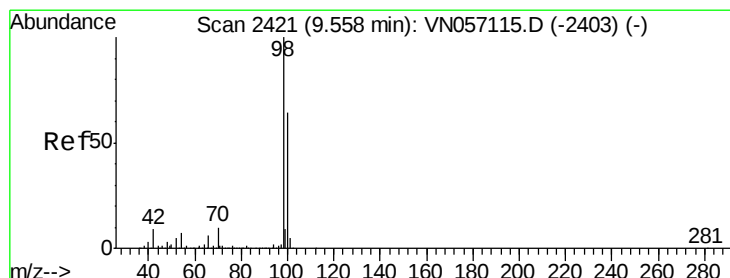
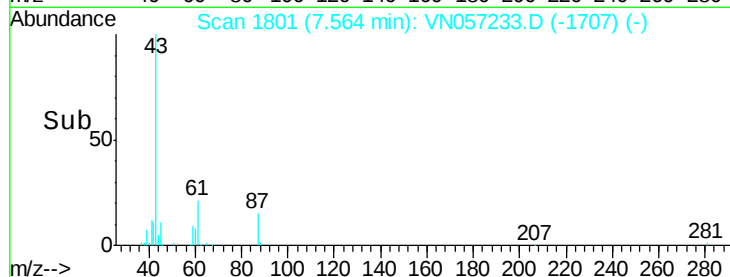
Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-1779) (-)

Ion 61.00 (60.70 to 61.70): VN057115.D (-1779) (-)

Ion 87.00 (86.70 to 87.70): VN057115.D (-1779) (-)



Time-->



#50

Toluene-d8

Concen: 48.262 ug/l

RT: 9.56 min Scan# 2422

Delta R.T. 0.00 min

Lab File: VN057233.D

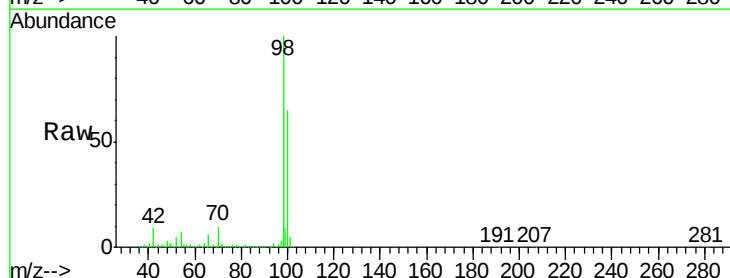
Acq: 12 Aug 2019 22:31

Tgt Ion: 98 Resp: 2206553

Ion Ratio Lower Upper

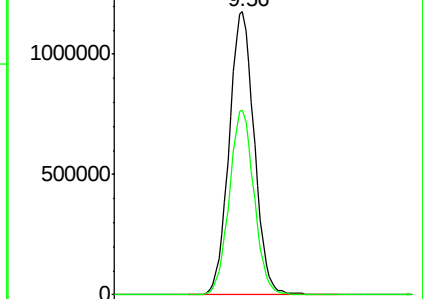
98 100

100 64.5 51.2 76.8

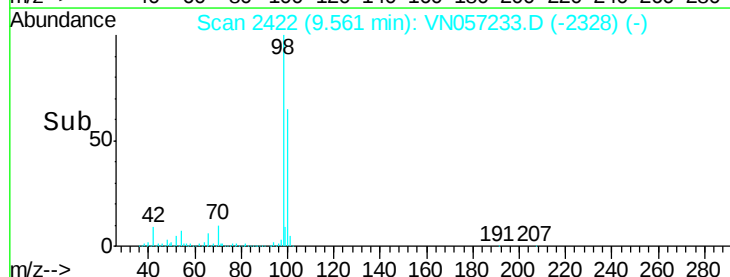


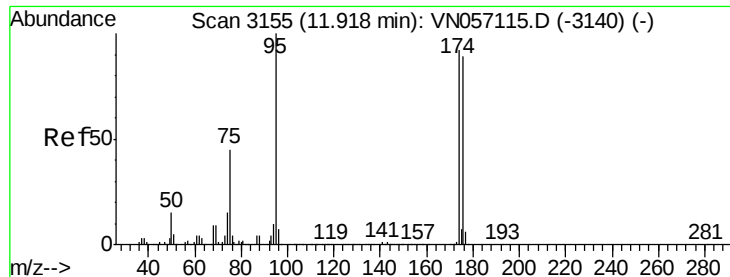
Abundance Ion 98.00 (97.70 to 98.70): VN057115.D (-2403) (-)

Ion 100.00 (99.70 to 100.70): VN057115.D (-2403) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 38.501 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057233.D

Acq: 12 Aug 2019 22:31

Instrument :

MSVOA\_N

ClientSampleId :

2S-A4-(0)

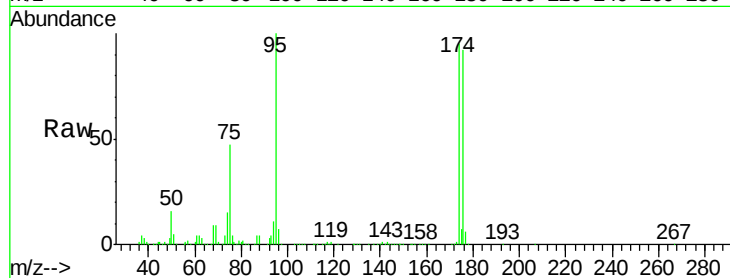
Tot Ion: 95 Resp: 567188

Ion Ratio Lower Upper

95 100

174 96.7 0.0 185.0

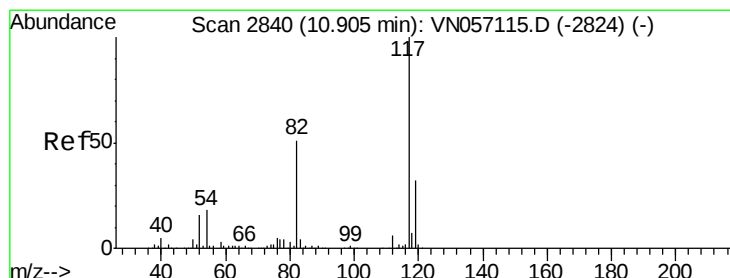
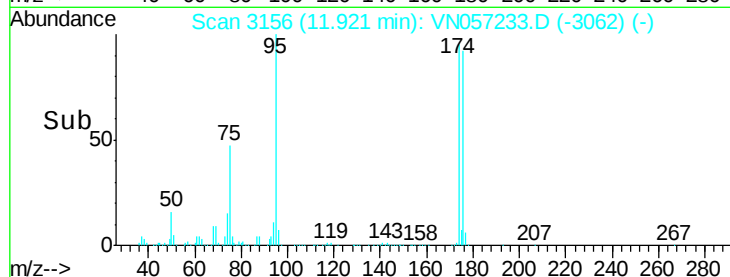
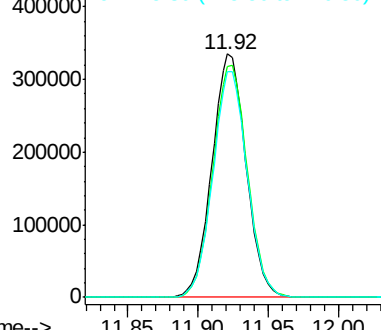
176 93.4 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VN057115.D (-3140) (-)

Ion 173.80 (173.50 to 174.50): VN057115.D (-3140) (-)

Ion 175.80 (175.50 to 176.50): VN057115.D (-3140) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057233.D

Acq: 12 Aug 2019 22:31

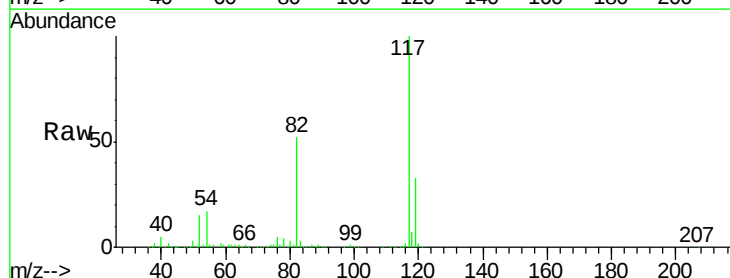
Tgt Ion: 117 Resp: 1580223

Ion Ratio Lower Upper

117 100

82 52.0 40.8 61.2

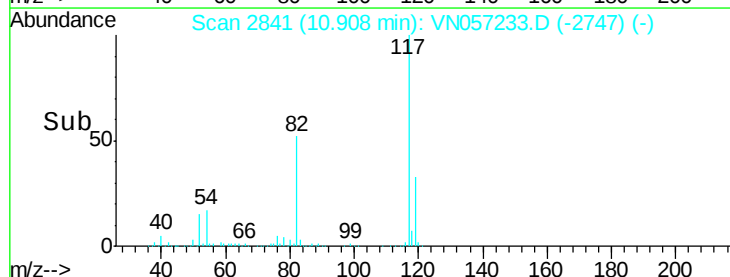
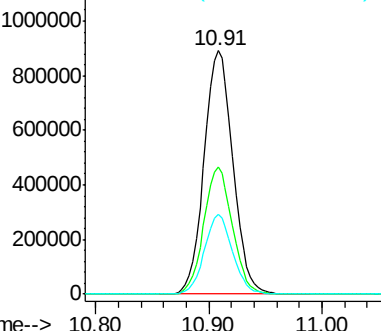
119 32.7 25.7 38.5

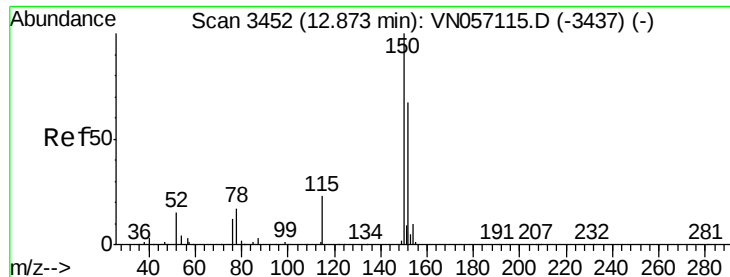


Abundance Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

Ion 82.00 (81.70 to 82.70): VN057115.D (-2824) (-)

Ion 118.90 (118.60 to 119.60): VN057115.D (-2824) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057233.D

Acq: 12 Aug 2019 22:31

Instrument :

MSVOA\_N

ClientSampleId :

2S-A4-(0)

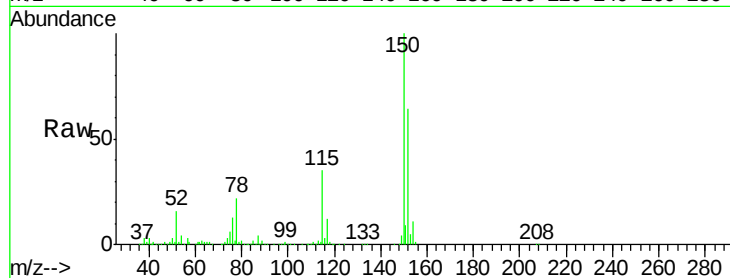
Tot Ion:152 Resp: 389708

Ion Ratio Lower Upper

152 100

115 56.0 27.5 82.5

150 158.5 0.0 341.6



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

