

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\  
 Data File : VN061461.D  
 Acq On : 19 May 2020 5:46  
 Operator : JC/MD  
 Sample : PB128923ZHE#01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 19 07:03:39 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon May 18 13:09:55 2020  
 Response via : Initial Calibration

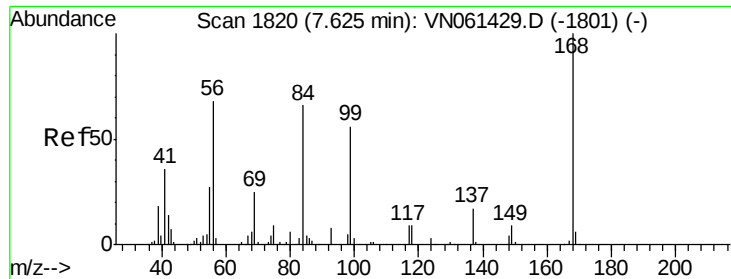
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 254849   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 477224   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 480152   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 212435   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 188061   | 49.44 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.88%  |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 123068   | 49.23 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.46%  |          |
| 50) Toluene-d8              | 10.06 | 98   | 610027   | 52.61 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.22% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 240836   | 55.59 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 111.18% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 5) Bromomethane                | 2.54  | 94   | 268      | Below Cal | #      | 19     |
| 11) Tert butyl alcohol         | 4.73  | 59   | 107      | 0.244     | ug/l # | 73     |
| 16) Acetone                    | 3.78  | 43   | 23933    | 13.785    | ug/l   | 98     |
| 17) Carbon Disulfide           | 4.02  | 76   | 251      | Below Cal | #      | 75     |
| 18) Methyl Acetate             | 4.29  | 43   | 1961     | Below Cal | #      | 63     |
| 20) Methylene Chloride         | 4.50  | 84   | 22397    | 7.165     | ug/l   | 95     |
| 25) 2-Butanone                 | 6.78  | 43   | 1163     | 0.672     | ug/l # | 88     |
| 29) Tetrahydrofuran            | 7.17  | 42   | 286      | 0.249     | ug/l # | 29     |
| 31) Cyclohexane                | 7.63  | 56   | 6256     | Below Cal | #      | 27     |
| 36) 1,1-Dichloropropene        | 7.63  | 75   | 22373    | 5.014     | ug/l # | 51     |
| 38) Carbon Tetrachloride       | 7.63  | 117  | 27210    | 6.622     | ug/l # | 15     |
| 43) Isopropyl Acetate          | 8.13  | 43   | 75790    | 10.738    | ug/l # | 90     |
| 45) 1,2-Dichloropropane        | 9.24  | 63   | 1817     | 0.540     | ug/l # | 43     |
| 48) Methyl methacrylate        | 9.15  | 41   | 4113     | 1.261     | ug/l # | 9      |
| 51) 4-Methyl-2-Pentanone       | 9.96  | 43   | 7425     | 1.931     | ug/l   | 90     |
| 54) cis-1,3-Dichloropropene    | 9.87  | 75   | 37405    | 6.458     | ug/l # | 64     |
| 56) Ethyl methacrylate         | 10.51 | 69   | 1163     | 0.228     | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 10.73 | 76   | 6202     | 1.099     | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.74 | 43   | 77883    | 27.998    | ug/l # | 49     |
| 71) Bromoform                  | 12.37 | 173  | 1684     | 2.612     | ug/l # | 1      |
| 74) N-amyl acetate             | 12.00 | 43   | 3718     | 0.596     | ug/l # | 46     |
| 76) 1,2,3-Trichloropropane     | 12.38 | 75   | 127290   | 27.925    | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 4153     | 0.297     | ug/l   | 98     |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 127290   | 74.078    | ug/l # | 12     |
| 92) 1,2-Dibromo-3-Chloropropan | 14.45 | 75   | 237      | 0.250     | ug/l # | 42     |
| 95) Naphthalene                | 15.11 | 128  | 4799     | 0.428     | ug/l   | 98     |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061461.D

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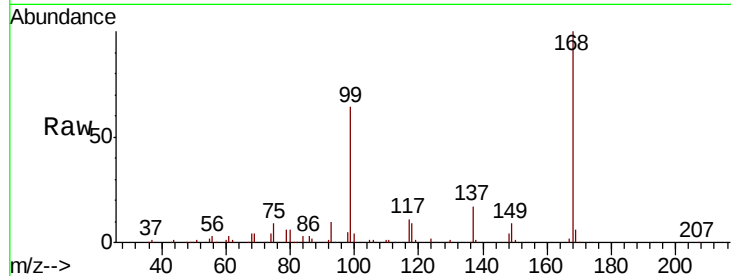
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 254849

Ion Ratio Lower Upper

168 100

99 64.0 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

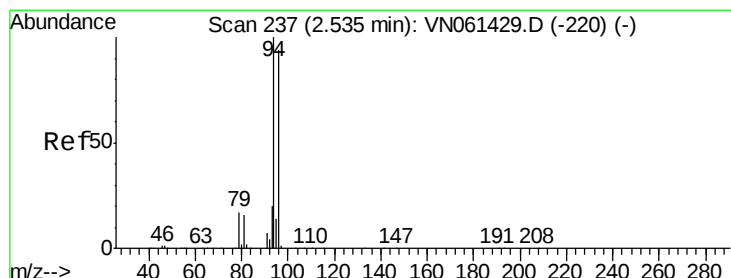
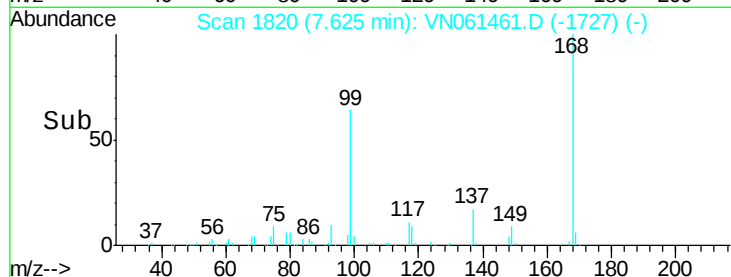
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061461.D

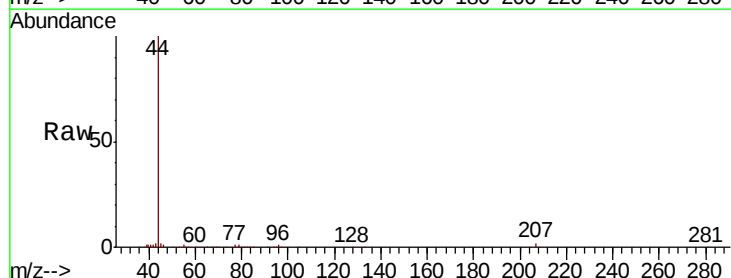
Acq: 19 May 2020 5:46

Tgt Ion: 94 Resp: 268

Ion Ratio Lower Upper

94 100

96 15.5 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

600

500

400

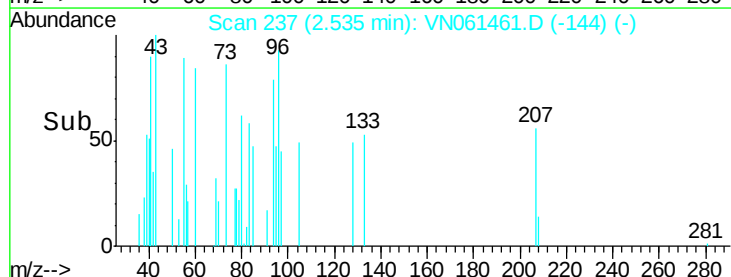
300

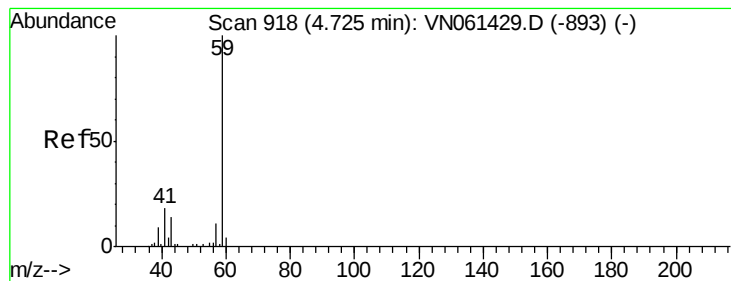
200

100

0

Time--> 2.51 2.52 2.53 2.54 2.55



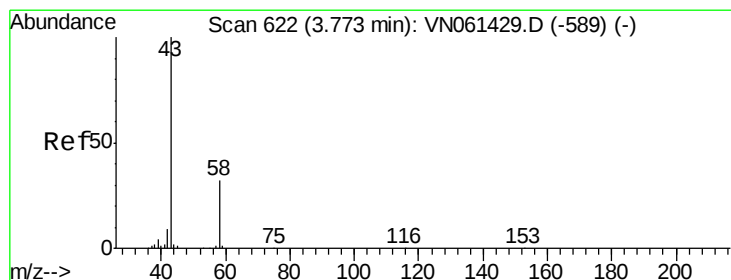
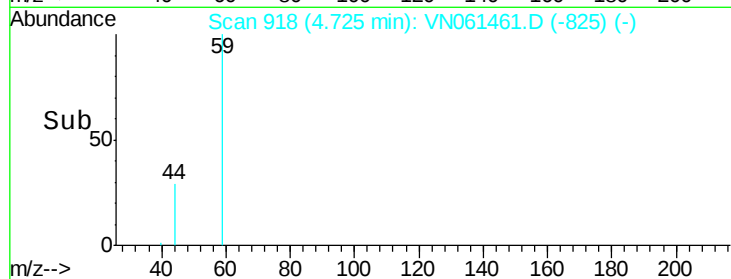
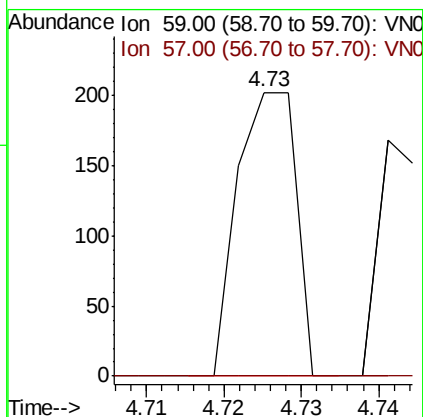
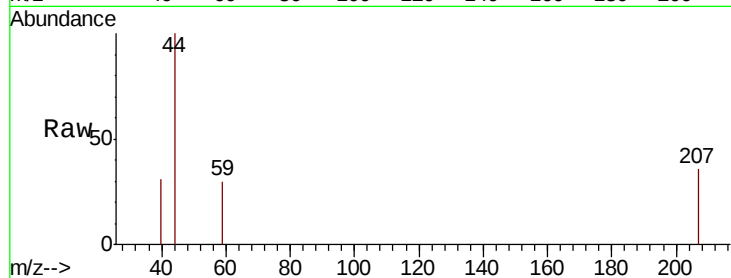


#11

Tert butyl alcohol  
 Concen: 0.244 ug/l  
 RT: 4.73 min Scan# 918  
 Delta R.T. 0.00 min  
 Lab File: VN061461.D  
 Acq: 19 May 2020 5:46

Instrument :  
 MSVOA\_N  
 ClientSampled :

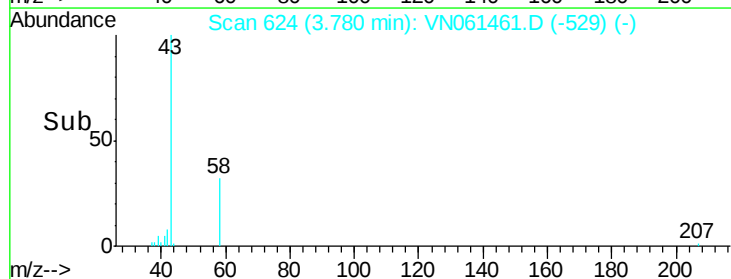
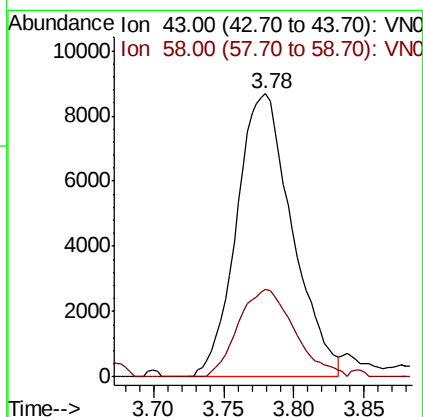
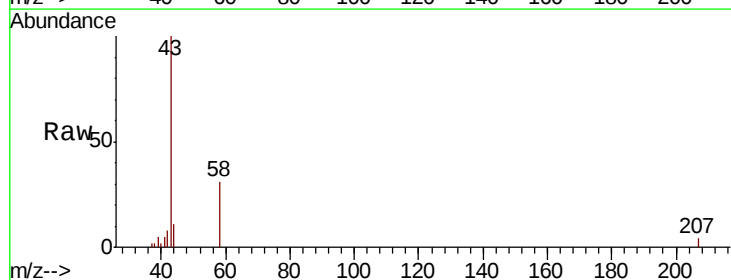
Tot Ion: 59 Resp: 107  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.2 12.2#

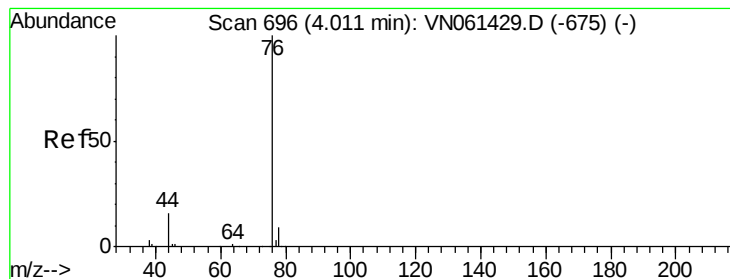


#16

Acetone  
 Concen: 13.785 ug/l  
 RT: 3.78 min Scan# 624  
 Delta R.T. 0.01 min  
 Lab File: VN061461.D  
 Acq: 19 May 2020 5:46

Tgt Ion: 43 Resp: 23933  
 Ion Ratio Lower Upper  
 43 100  
 58 31.0 25.6 38.4





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.02 min Scan# 698

Delta R.T. 0.01 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

Instrument :

MSVOA\_N

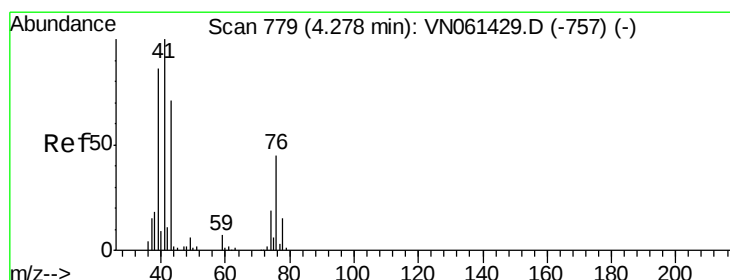
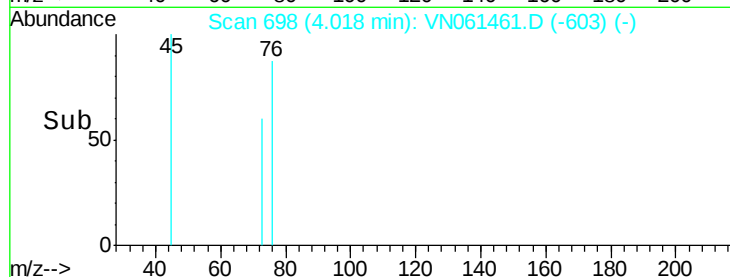
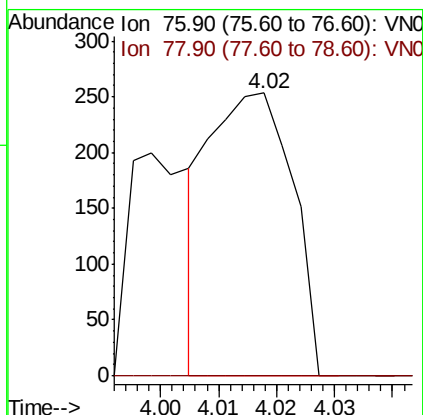
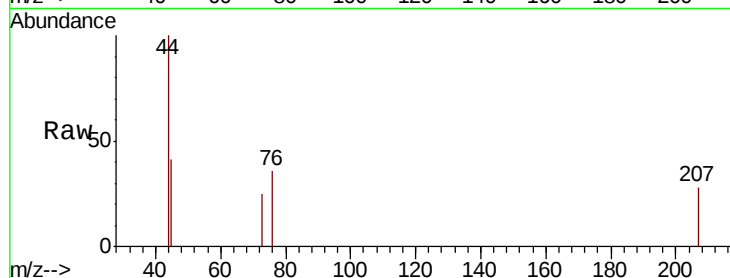
ClientSampleId :

Tot Ion: 76 Resp: 251

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.29 min Scan# 782

Delta R.T. 0.01 min

Lab File: VN061461.D

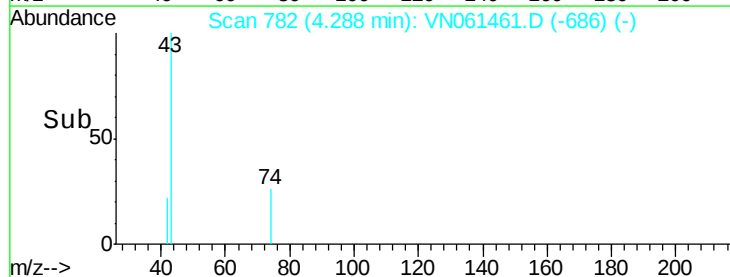
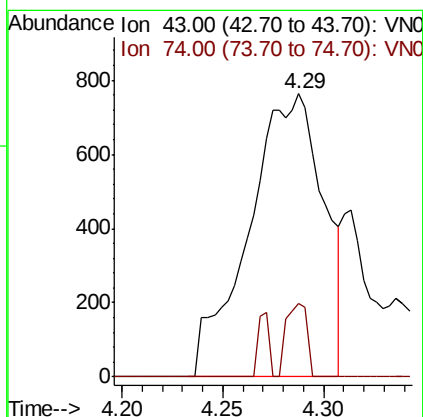
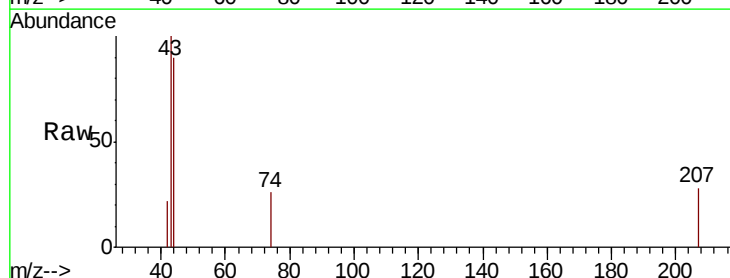
Acq: 19 May 2020 5:46

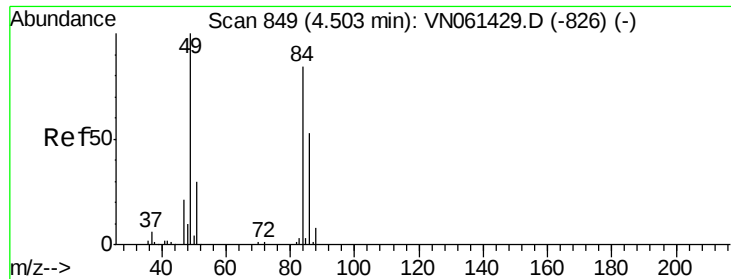
Tgt Ion: 43 Resp: 1961

Ion Ratio Lower Upper

43 100

74 7.1 20.8 31.2#

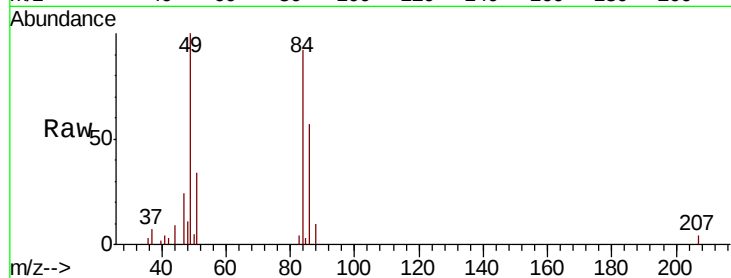




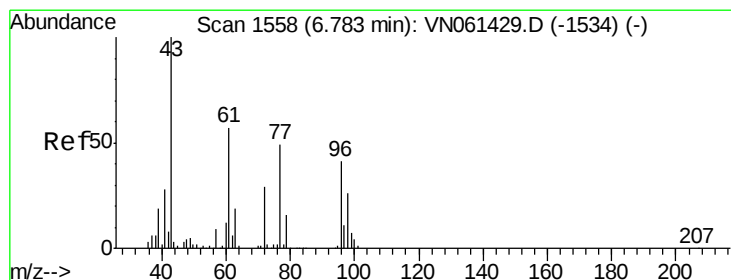
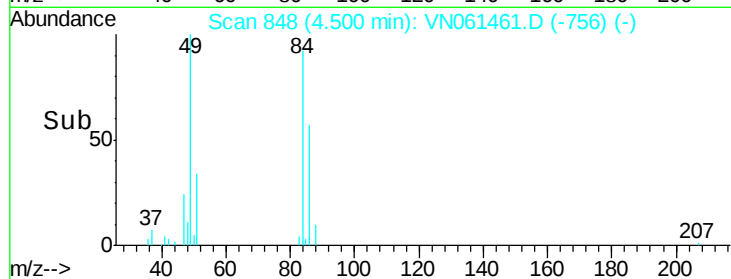
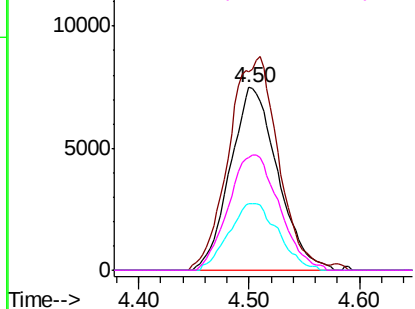
#20  
Methvlene Chloride  
Concen: 7.165 ug/l  
RT: 4.50 min Scan# 848  
Delta R.T. -0.00 min  
Lab File: VN061461.D  
Acq: 19 May 2020 5:46

Instrument :  
MSVOA\_N  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 22397 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 109.1 | 95.3  | 142.9 |
| 51       | 36.7  | 29.0  | 43.6  |
| 86       | 62.0  | 50.2  | 75.2  |

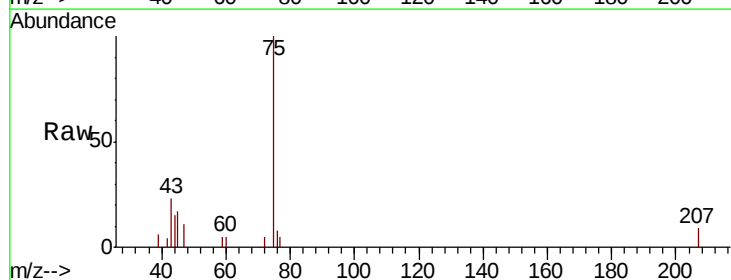


Abundance Ion 83.90 (83.60 to 84.60): VN0  
Ion 48.90 (48.60 to 49.60): VN0  
Ion 50.90 (50.60 to 51.60): VN0  
Ion 85.90 (85.60 to 86.60): VN0

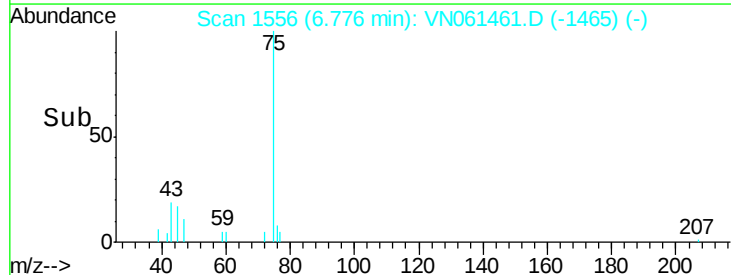
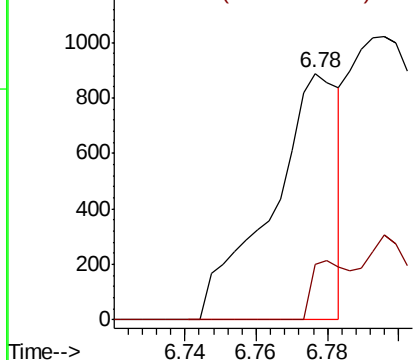


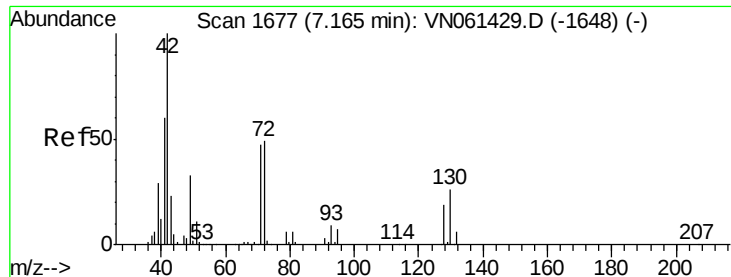
#25  
2-Butanone  
Concen: 0.672 ug/l  
RT: 6.78 min Scan# 1556  
Delta R.T. -0.01 min  
Lab File: VN061461.D  
Acq: 19 May 2020 5:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 1163  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 22.6  | 23.0  | 34.6# |



Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.249 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

Instrument :

MSVOA\_N

ClientSampleId :

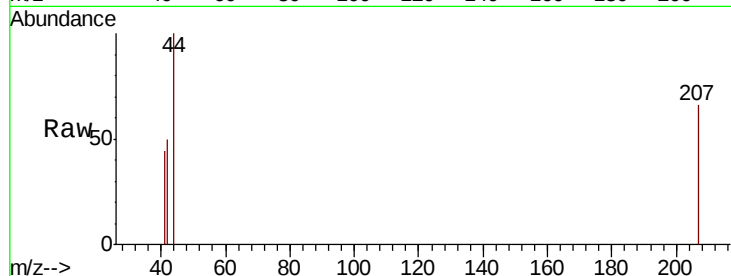
Tot Ion: 42 Resp: 286

Ion Ratio Lower Upper

42 100

72 0.0 39.0 58.6#

71 0.0 36.9 55.3#

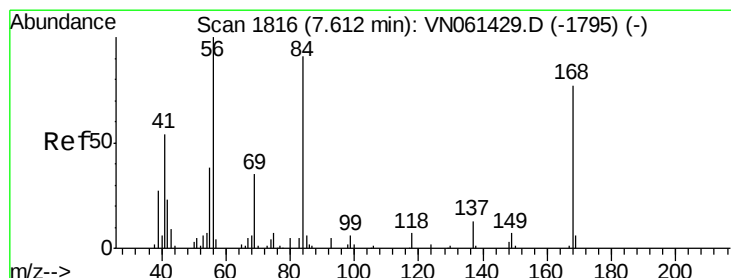
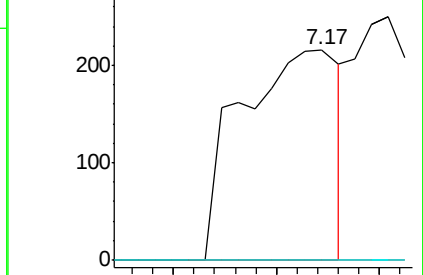
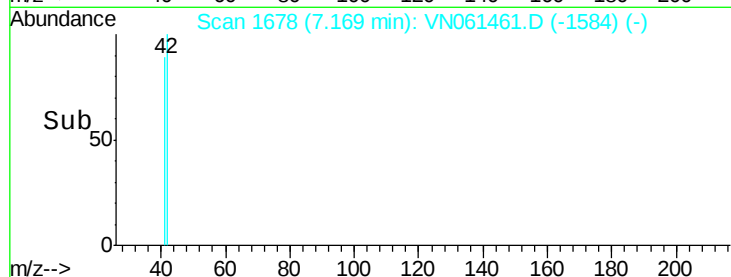


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

Time-->



#31

Cyclohexane

Concen: Below Cal

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

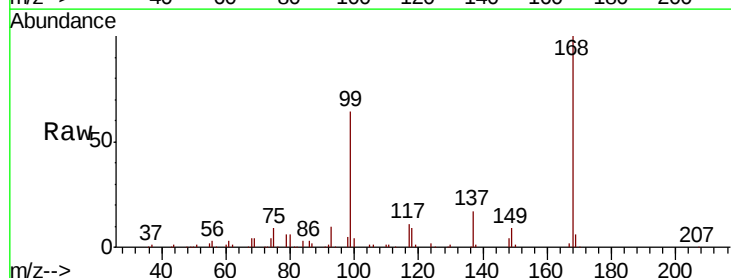
Tgt Ion: 56 Resp: 6256

Ion Ratio Lower Upper

56 100

69 162.2 27.8 41.6#

84 107.0 72.7 109.1

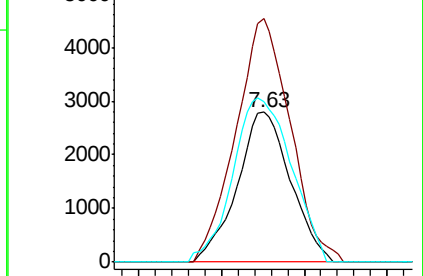
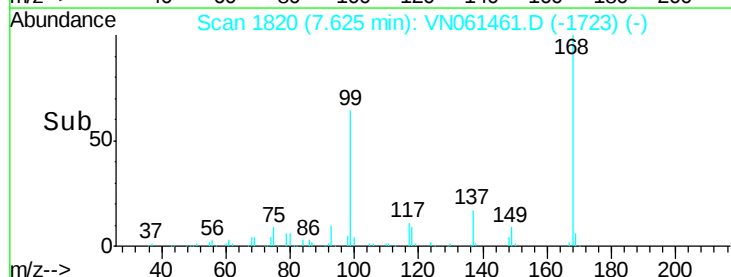


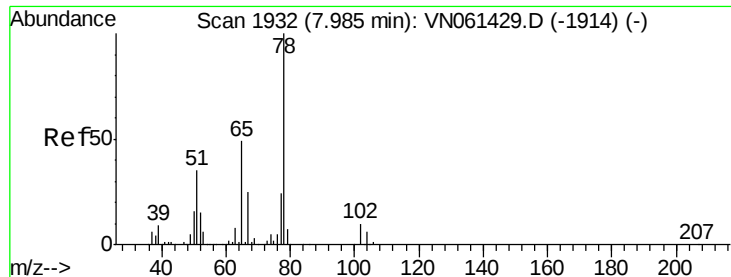
Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

Time-->

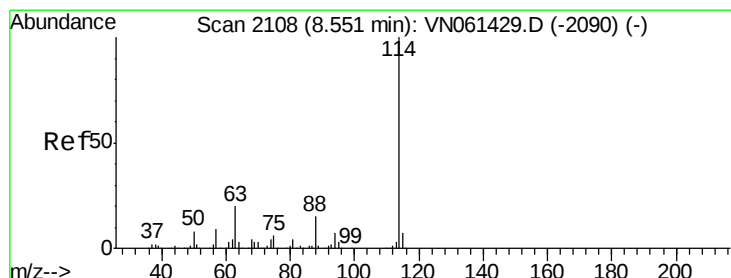
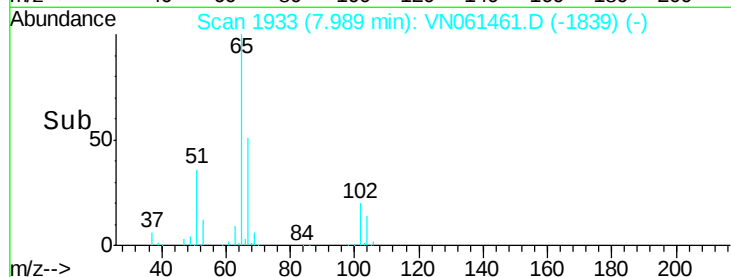
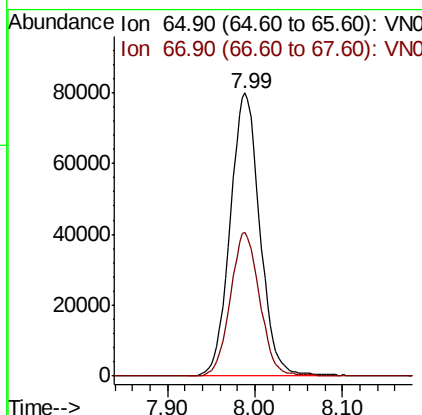
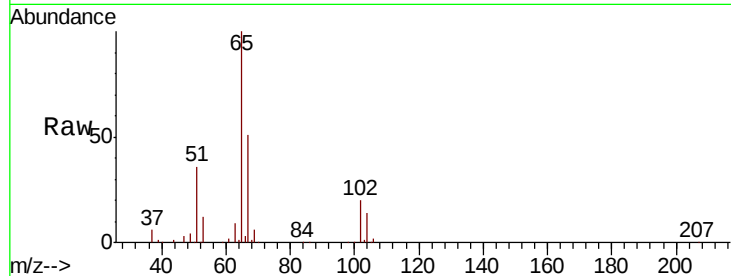




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.444 ug/l  
 RT: 7.99 min Scan# 1933  
 Delta R.T. 0.00 min  
 Lab File: VN061461.D  
 Acq: 19 May 2020 5:46

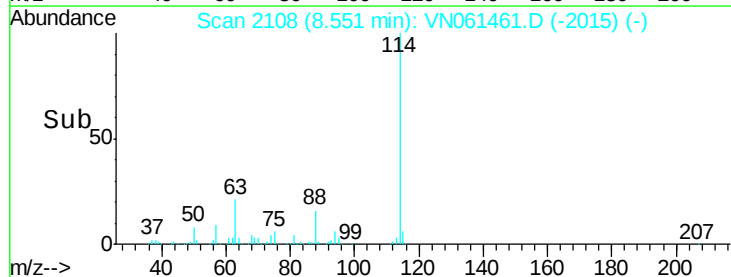
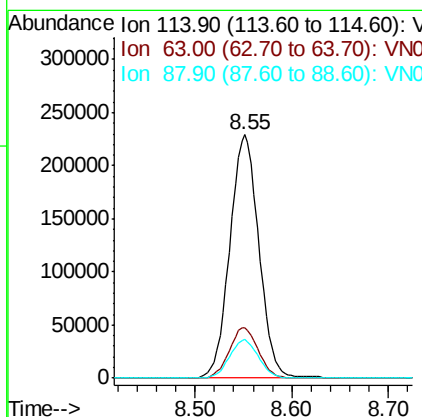
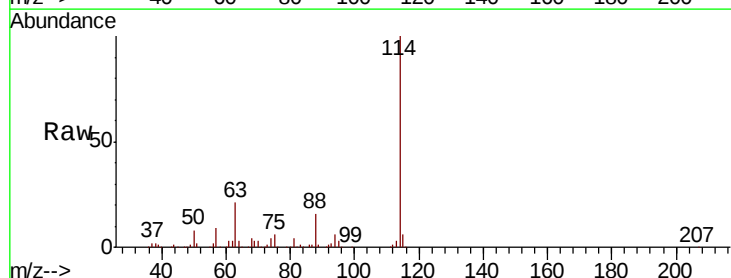
Instrument :  
 MSVOA\_N  
 ClientSampleId :

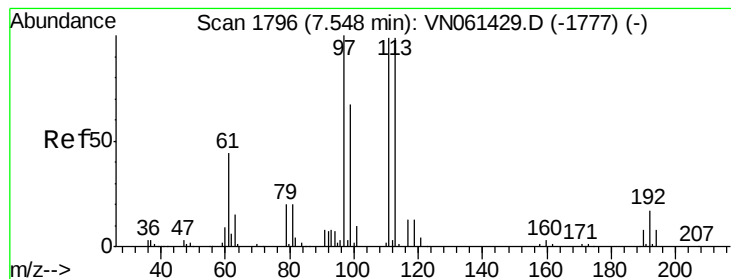
Tot Ion: 65 Resp: 188061  
 Ion Ratio Lower Upper  
 65 100  
 67 50.3 0.0 101.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: VN061461.D  
 Acq: 19 May 2020 5:46

Tgt Ion: 114 Resp: 477224  
 Ion Ratio Lower Upper  
 114 100  
 63 20.8 0.0 40.8  
 88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.226 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

Instrument :  
MSVOA\_N  
ClientSampleId :

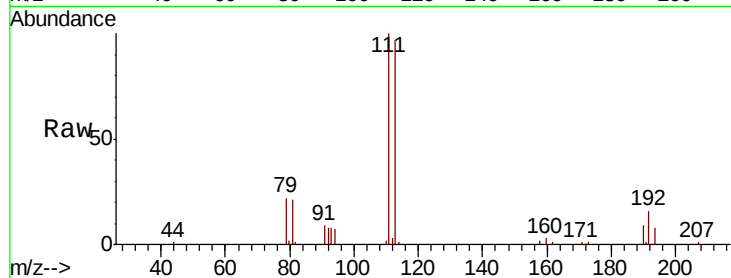
Tot Ion:113 Resp: 123068

Ion Ratio Lower Upper

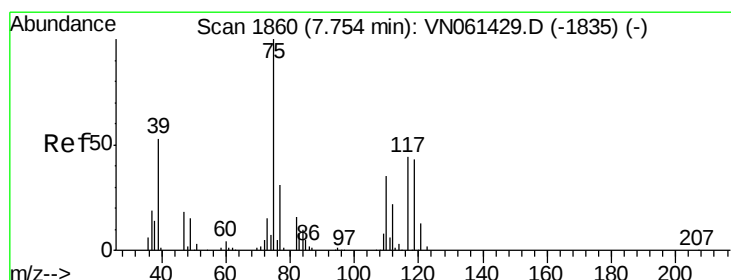
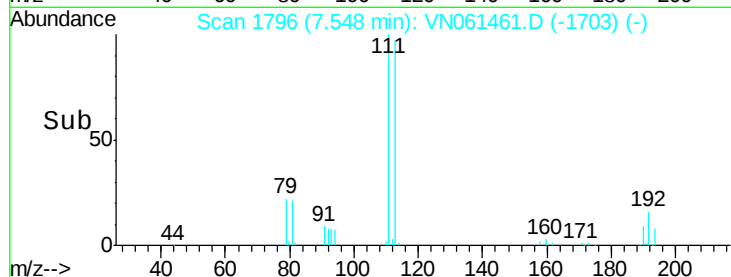
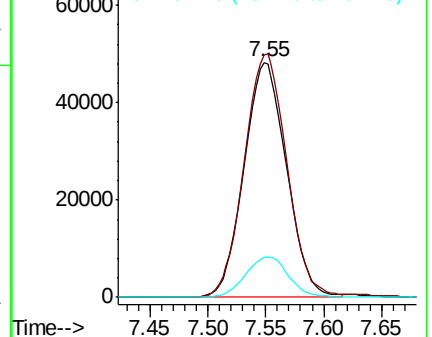
113 100

111 103.8 80.6 121.0

192 17.4 13.2 19.8



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



#36

1,1-Dichloropropene

Concen: 5.014 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

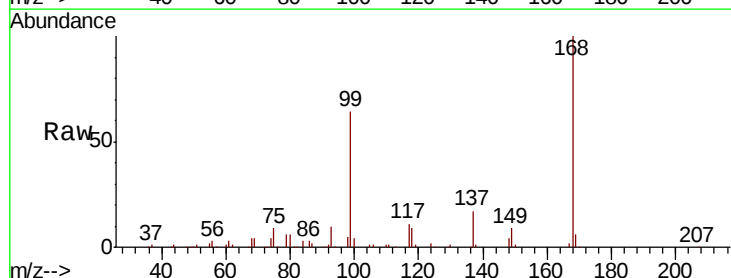
Tgt Ion: 75 Resp: 22373

Ion Ratio Lower Upper

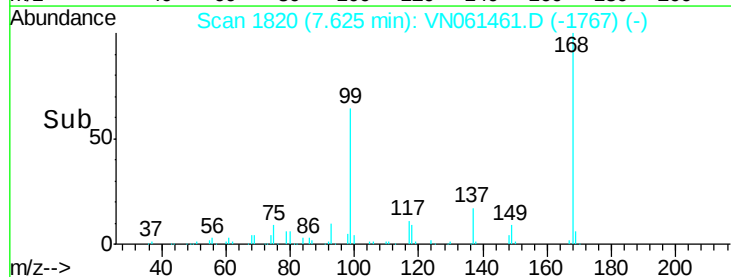
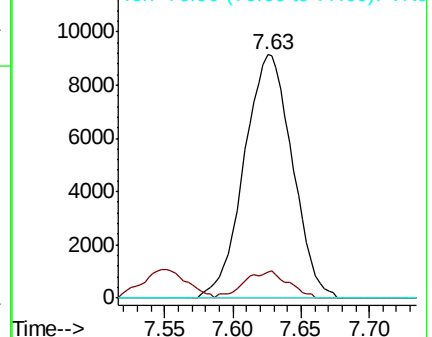
75 100

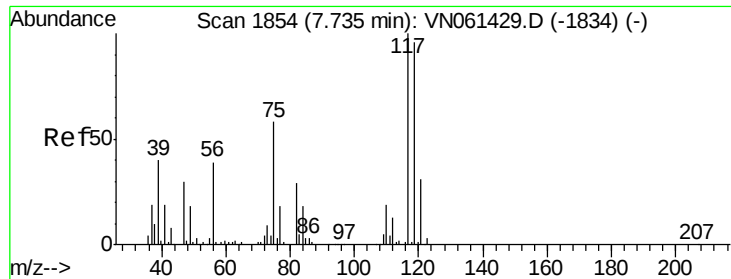
110 10.3 17.3 51.9#

77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VNO  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 6.622 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

Instrument :

MSVOA\_N

ClientSampled :

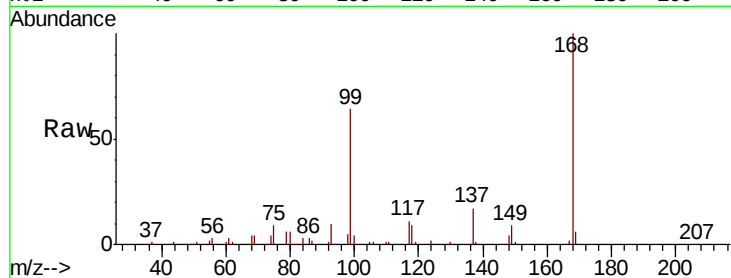
Tot Ion:117 Resp: 27210

Ion Ratio Lower Upper

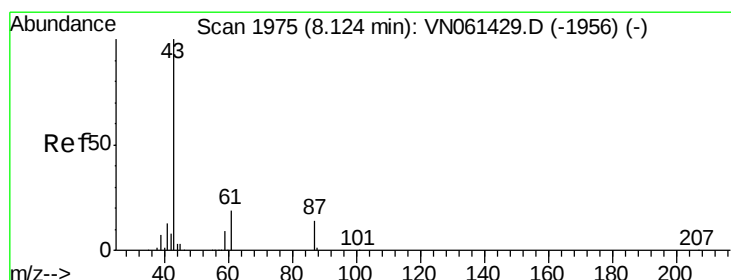
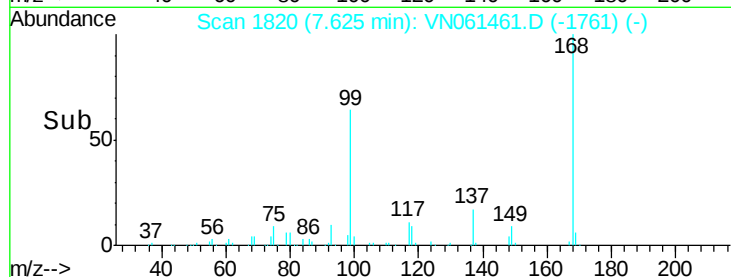
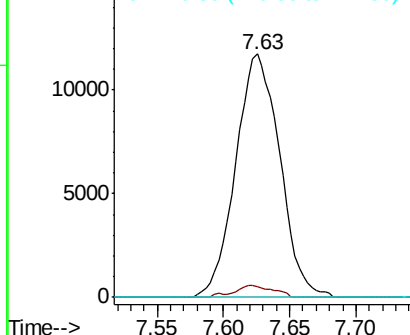
117 100

119 4.6 77.0 115.6#

121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 10.738 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

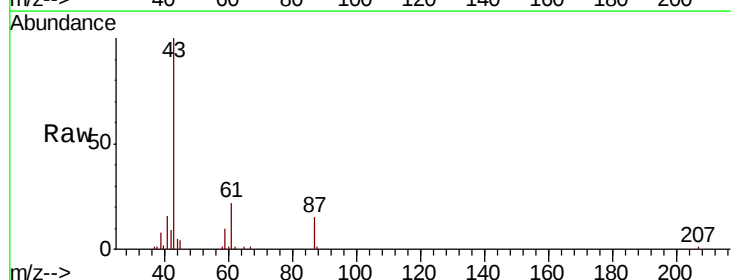
Tgt Ion: 43 Resp: 75790

Ion Ratio Lower Upper

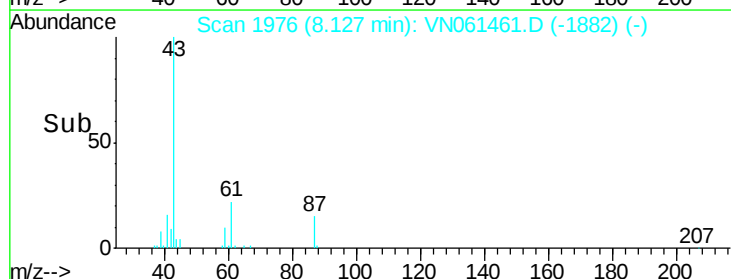
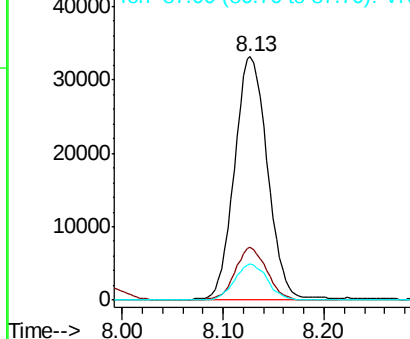
43 100

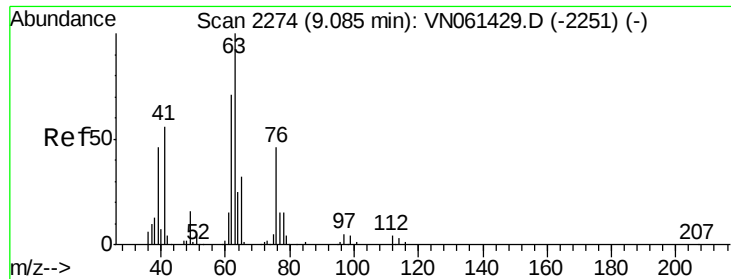
61 20.4 23.0 34.4#

87 14.5 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): V  
Ion 61.00 (60.70 to 61.70): V  
Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.540 ug/l

RT: 9.24 min Scan# 2322

Delta R.T. 0.15 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

Instrument :

MSVOA\_N

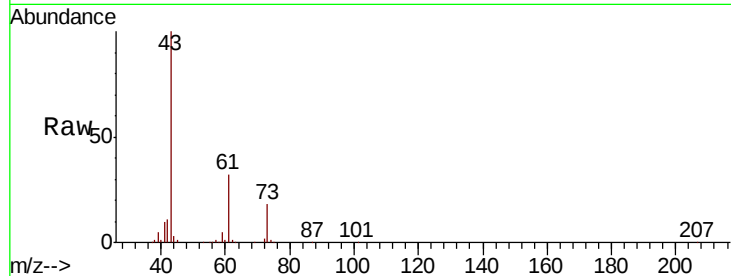
ClientSampleId :

Tot Ion: 63 Resp: 1817

Ion Ratio Lower Upper

63 100

65 0.0 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

1200

1000

800

600

400

200

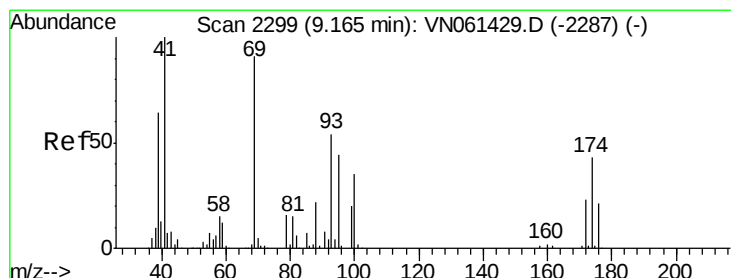
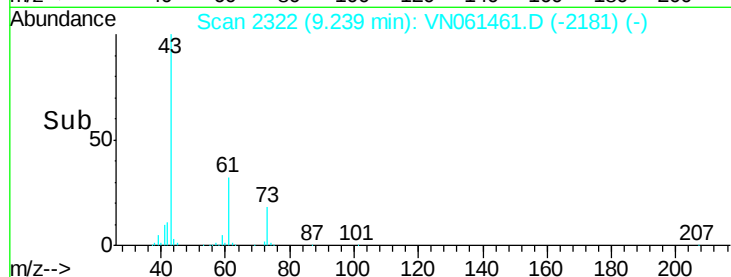
0

9.20

9.24

9.25

Time-->



#48

Methyl methacrylate

Concen: 1.261 ug/l

RT: 9.15 min Scan# 2293

Delta R.T. -0.02 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

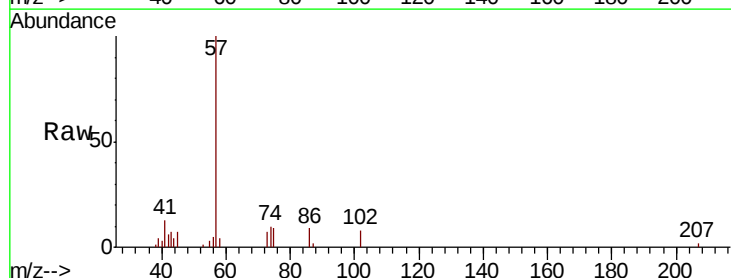
Tgt Ion: 41 Resp: 4113

Ion Ratio Lower Upper

41 100

69 0.0 75.3 112.9#

39 0.0 52.6 79.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

30000

25000

20000

15000

10000

5000

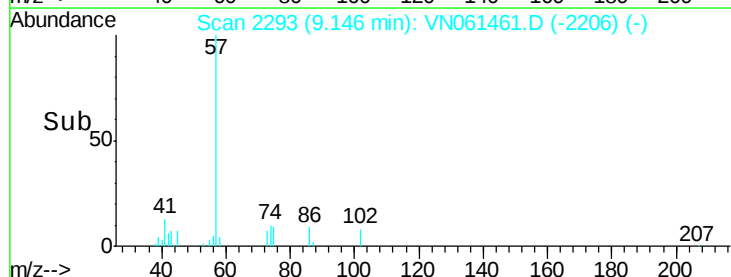
0

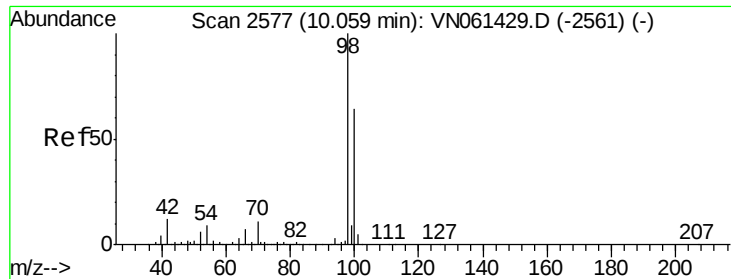
9.10

9.15

9.20

Time-->





#50

Toluene-d8

Concen: 52.608 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

Instrument :

MSVOA\_N

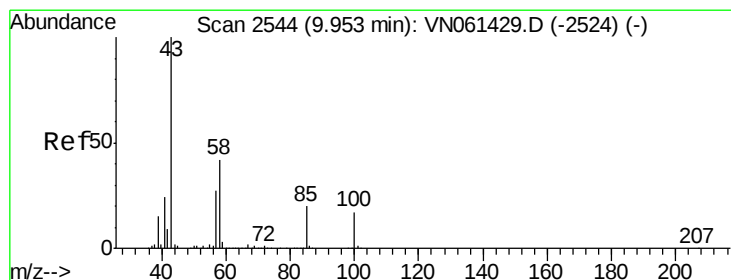
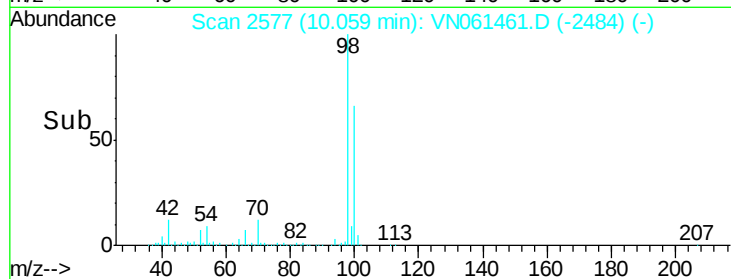
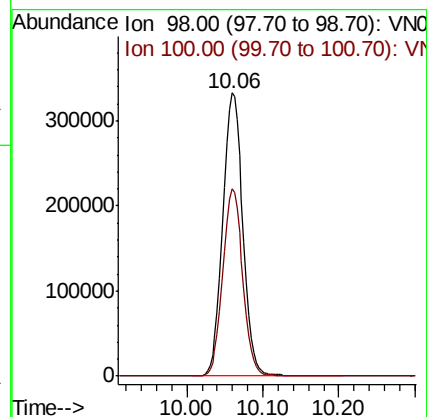
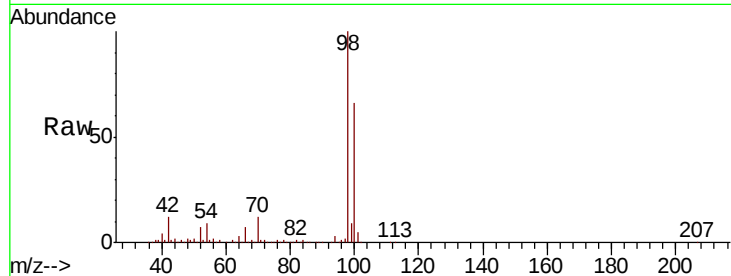
ClientSampled :

Tot Ion: 98 Resp: 610027

Ion Ratio Lower Upper

98 100

100 65.6 51.8 77.8



#51

4-Methyl-2-Pentanone

Concen: 1.931 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN061461.D

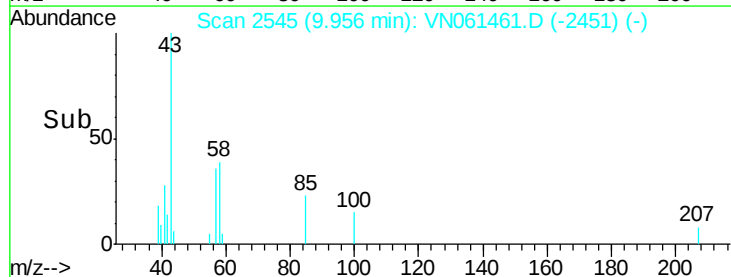
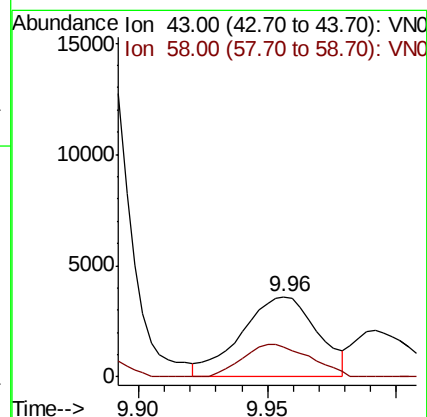
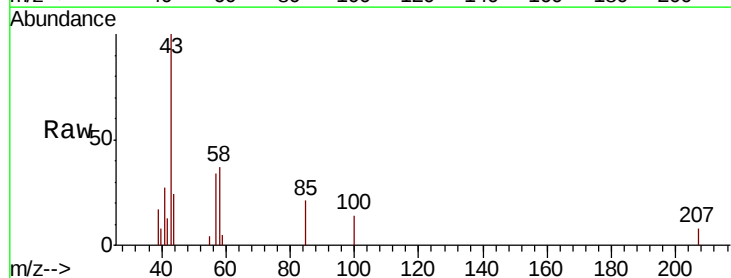
Acq: 19 May 2020 5:46

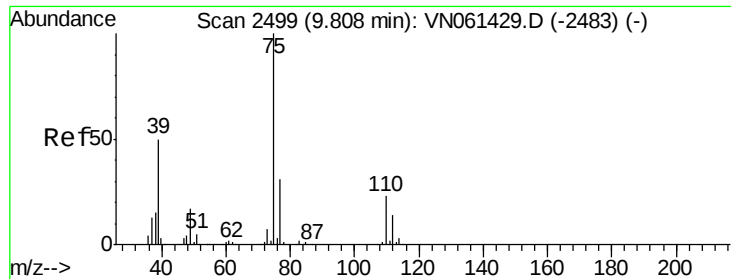
Tgt Ion: 43 Resp: 7425

Ion Ratio Lower Upper

43 100

58 35.8 33.4 50.2

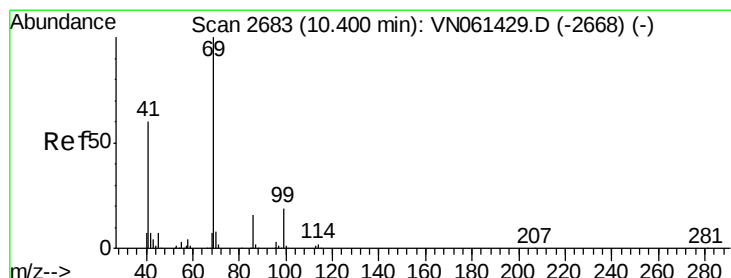
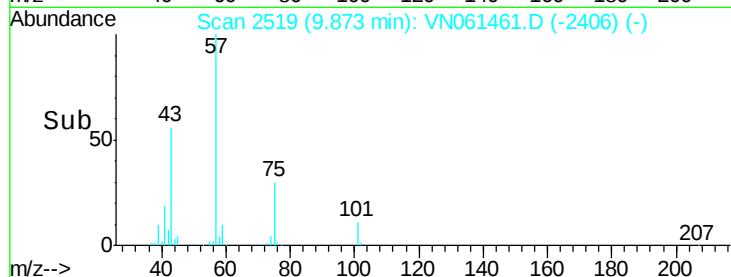
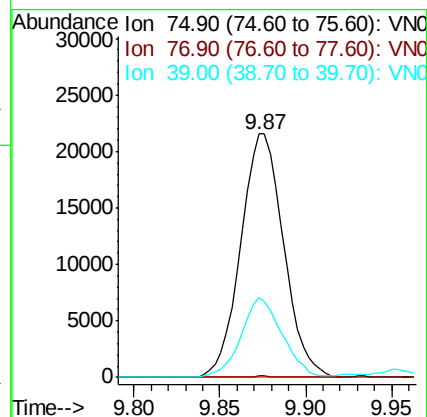
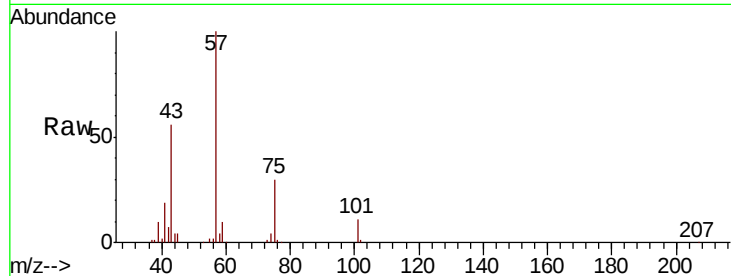




#54  
 cis-1,3-Dichloropropene  
 Concen: 6.458 ug/l  
 RT: 9.87 min Scan# 2519  
 Delta R.T. 0.06 min  
 Lab File: VN061461.D  
 Acq: 19 May 2020 5:46

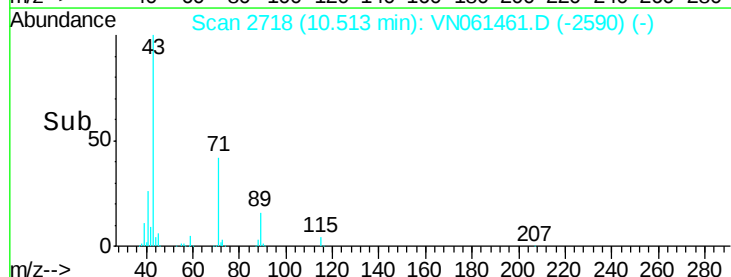
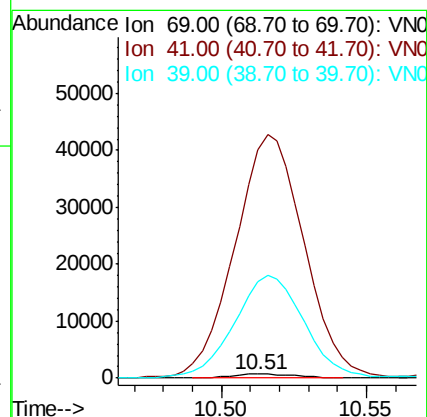
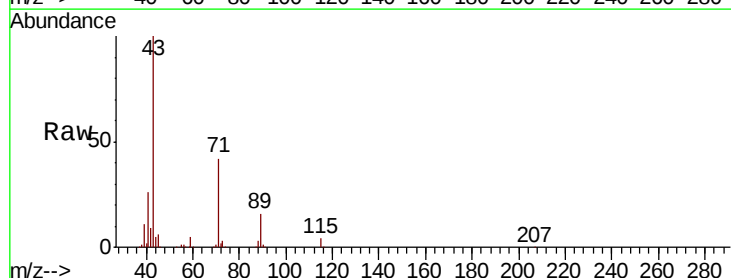
Instrument :  
 MSVOA\_N  
 ClientSampled :

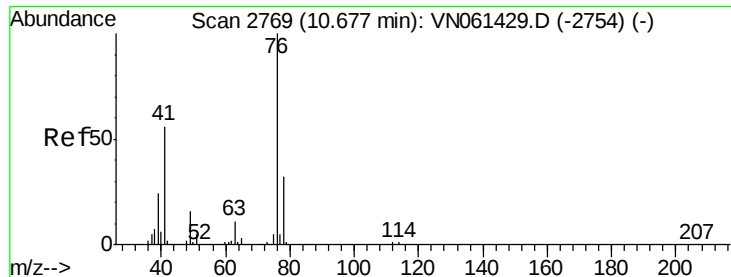
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 0.8   | 24.8  | 37.2# |
| 39      | 32.7  | 39.8  | 59.6# |



#56  
 Ethyl methacrylate  
 Concen: 0.228 ug/l  
 RT: 10.51 min Scan# 2718  
 Delta R.T. 0.11 min  
 Lab File: VN061461.D  
 Acq: 19 May 2020 5:46

| Tgt Ion | Ratio  | Lower | Upper |
|---------|--------|-------|-------|
| 69      | 100    |       |       |
| 41      | 6137.0 | 48.3  | 72.5# |
| 39      | 2597.0 | 30.2  | 45.2# |





#57

1,3-Dichloropropane

Concen: 1.099 ug/l

RT: 10.73 min Scan# 2787

Delta R.T. 0.06 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

Instrument :

MSVOA\_N

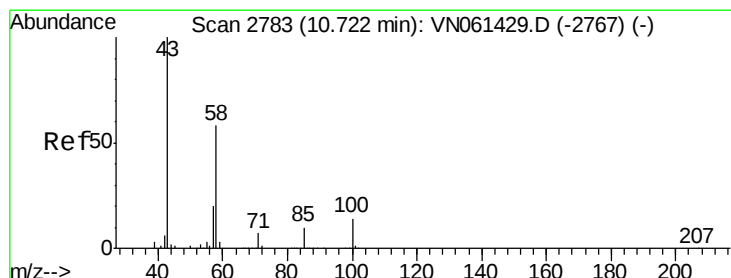
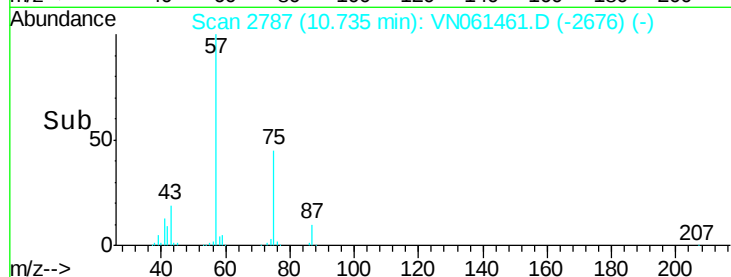
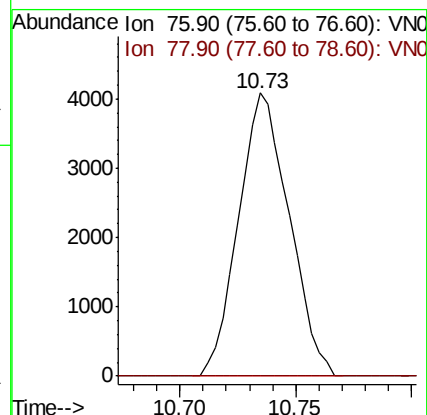
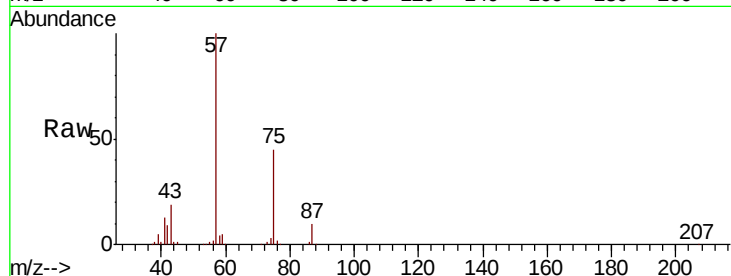
ClientSampled :

Tot Ion: 76 Resp: 6202

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#59

2-Hexanone

Concen: 27.998 ug/l

RT: 10.74 min Scan# 2788

Delta R.T. 0.02 min

Lab File: VN061461.D

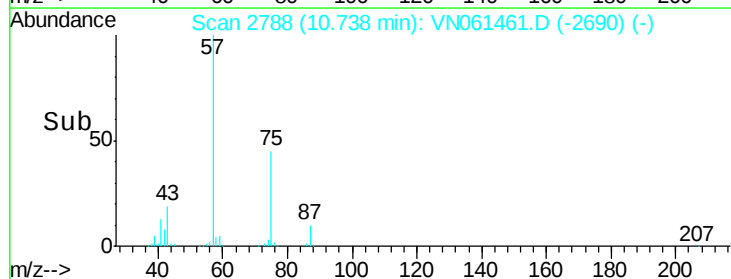
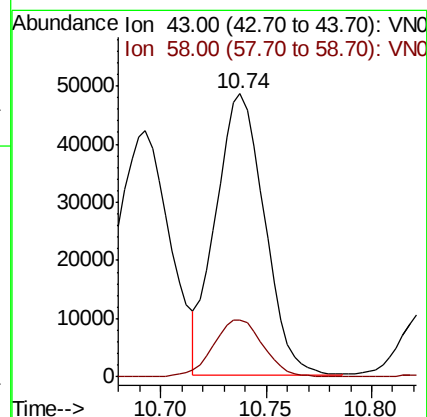
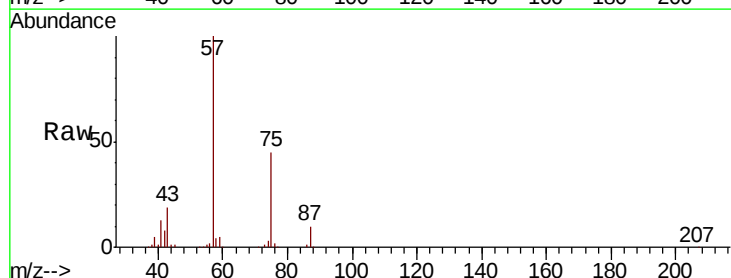
Acq: 19 May 2020 5:46

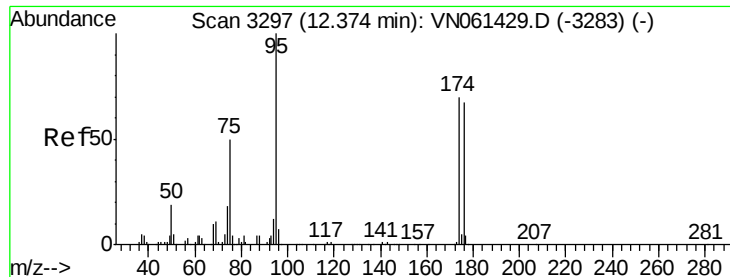
Tgt Ion: 43 Resp: 77883

Ion Ratio Lower Upper

43 100

58 20.7 29.2 87.6#





#62

4-Bromofluorobenzene

Concen: 55.591 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

Instrument :

MSVOA\_N

ClientSampled :

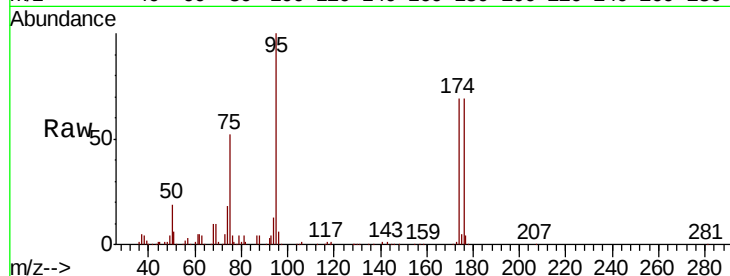
Tot Ion: 95 Resp: 240836

Ion Ratio Lower Upper

95 100

174 69.6 0.0 141.2

176 68.0 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061429.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061429.D (-3283) (-)

12.38

150000

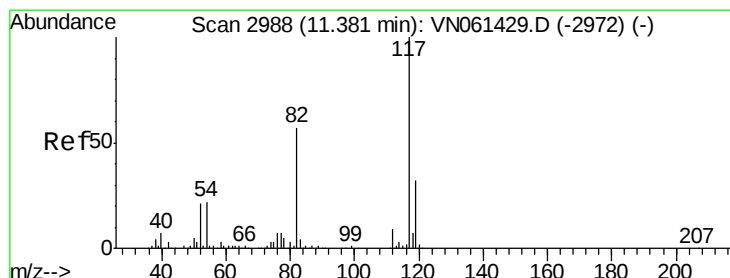
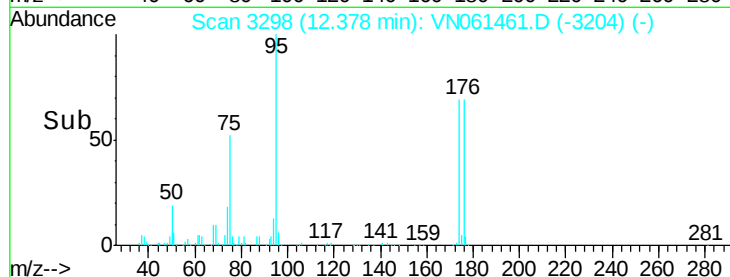
100000

50000

0

12.30 12.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

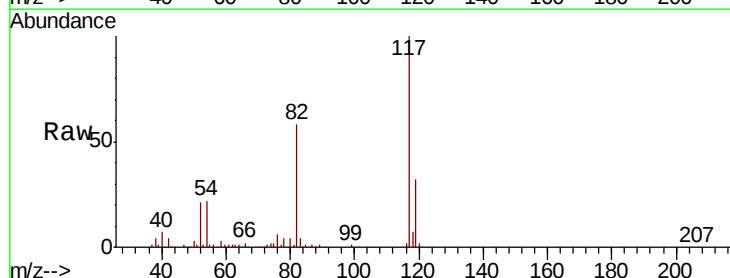
Tgt Ion: 117 Resp: 480152

Ion Ratio Lower Upper

117 100

82 57.9 45.2 67.8

119 32.0 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

Ion 82.00 (81.70 to 82.70): VN061429.D (-2972) (-)

Ion 118.90 (118.60 to 119.60): VN061429.D (-2972) (-)

11.38

300000

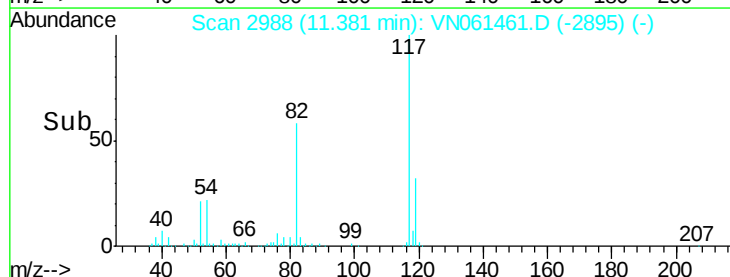
200000

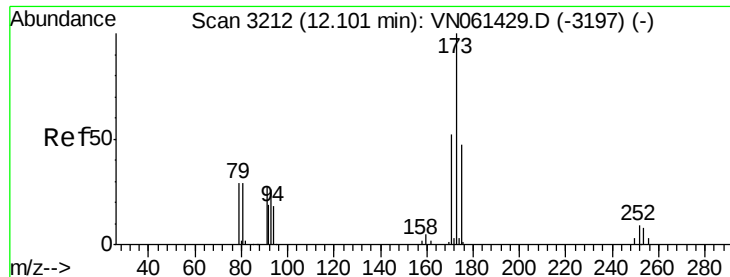
100000

0

11.30 11.40 11.50

Time-->





#71

Bromoform

Concen: 2.612 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.27 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

Instrument :

MSVOA\_N

ClientSampleId :

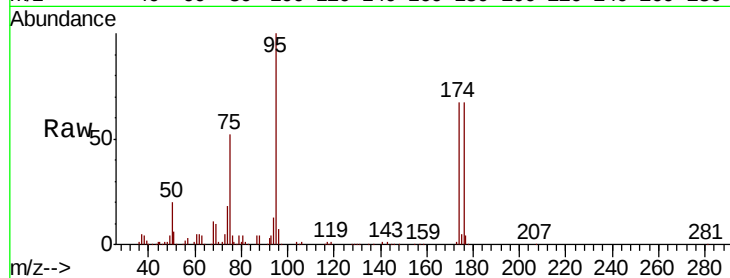
Tot Ion:173 Resp: 1684

Ion Ratio Lower Upper

173 100

175 629.0 23.9 71.8#

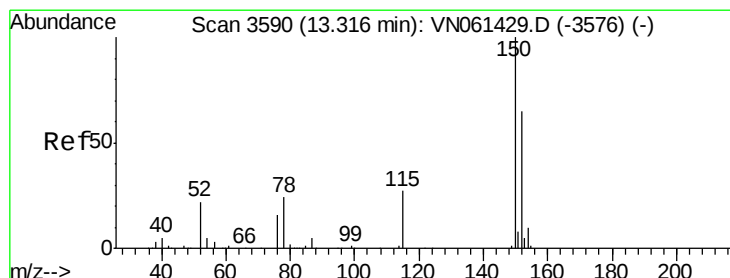
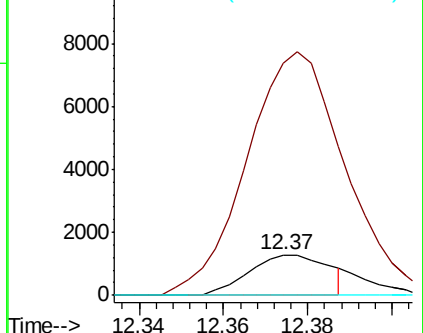
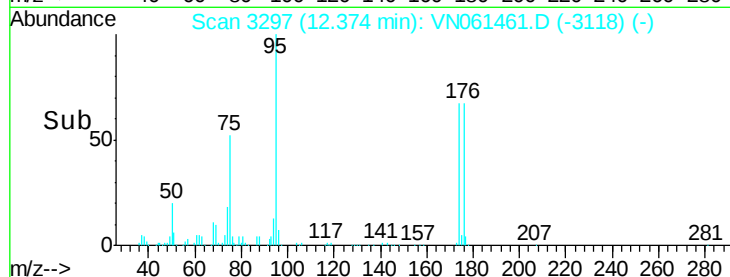
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

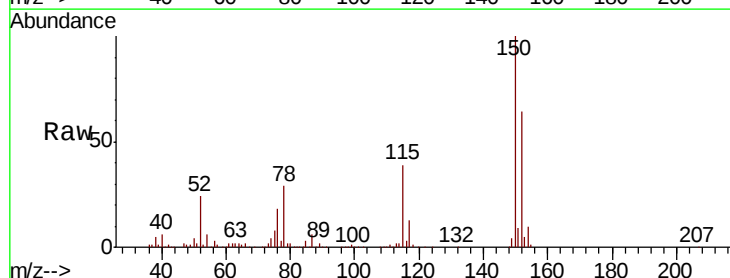
Tgt Ion:152 Resp: 212435

Ion Ratio Lower Upper

152 100

115 61.1 30.9 92.5

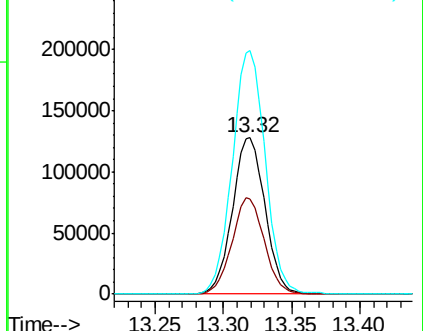
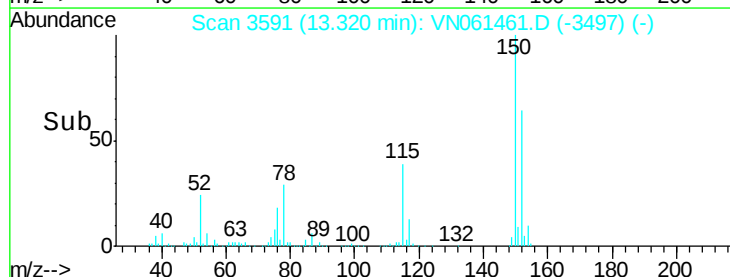
150 157.1 0.0 349.2

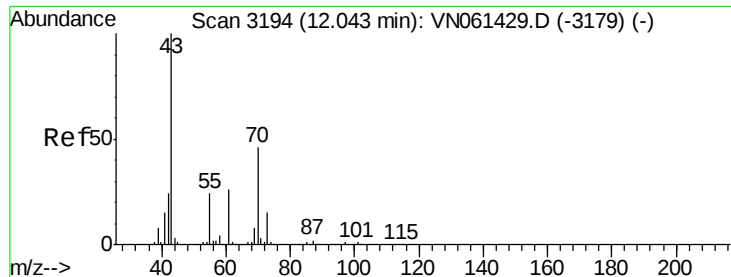


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.596 ug/l

RT: 12.00 min Scan# 3181

Delta R.T. -0.04 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 43 Resp: 3718

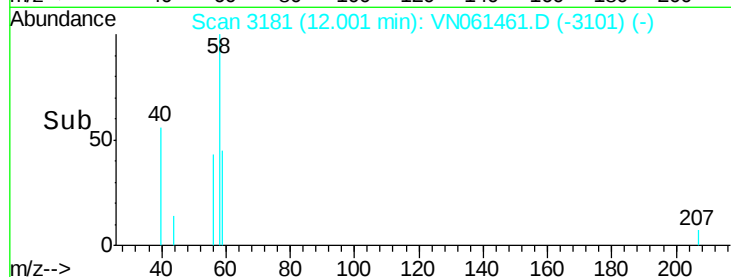
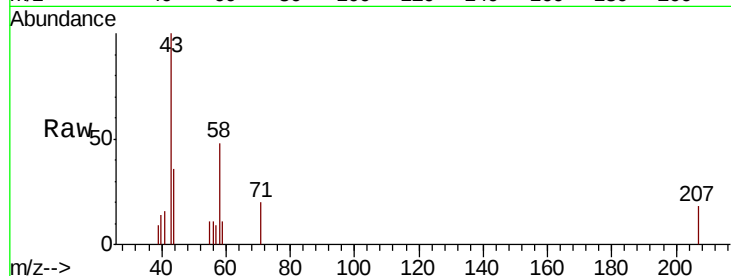
Ion Ratio Lower Upper

43 100

70 0.0 37.0 55.4#

55 10.4 19.5 29.3#

61 0.0 20.8 31.2#

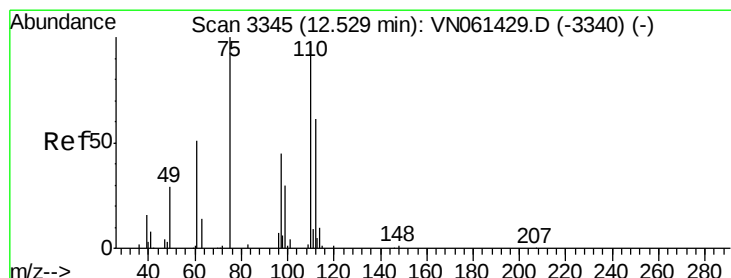
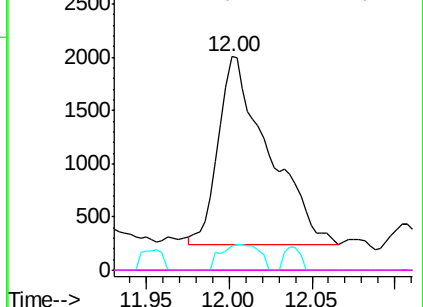


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 27.925 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061461.D

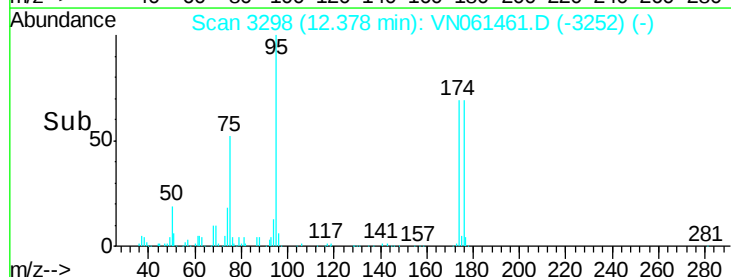
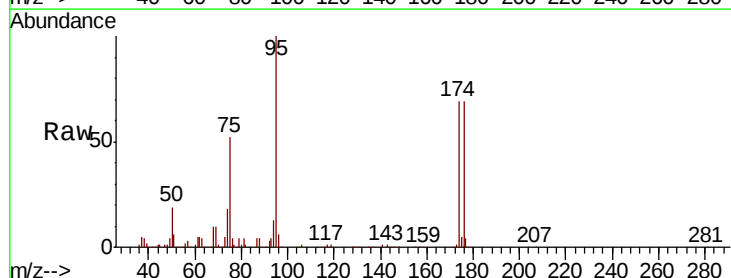
Acq: 19 May 2020 5:46

Tgt Ion: 75 Resp: 127290

Ion Ratio Lower Upper

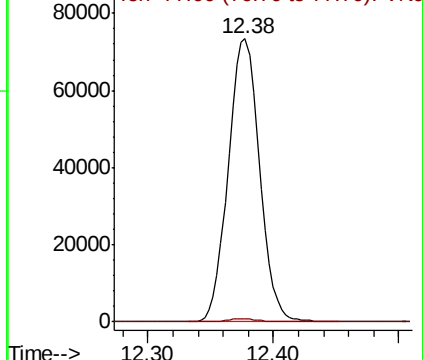
75 100

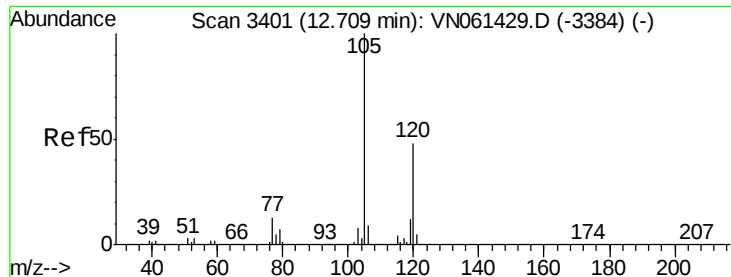
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.297 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

Instrument :

MSVOA\_N

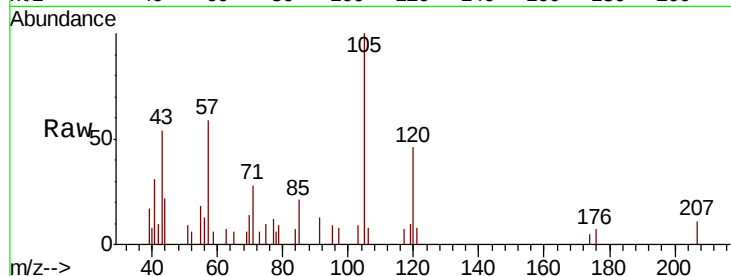
ClientSampleId :

Tot Ion:105 Resp: 4153

Ion Ratio Lower Upper

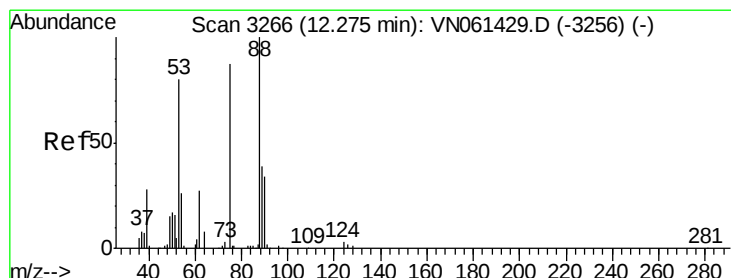
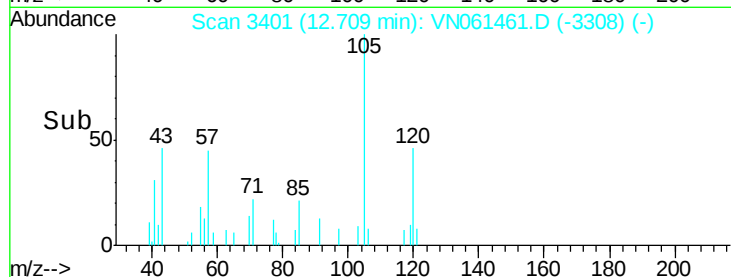
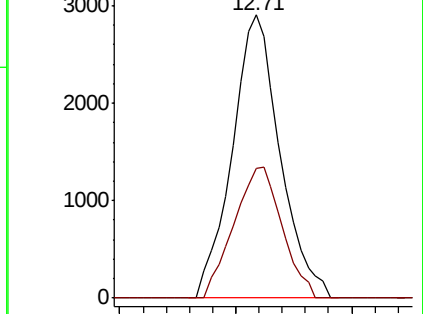
105 100

120 46.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 74.078 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

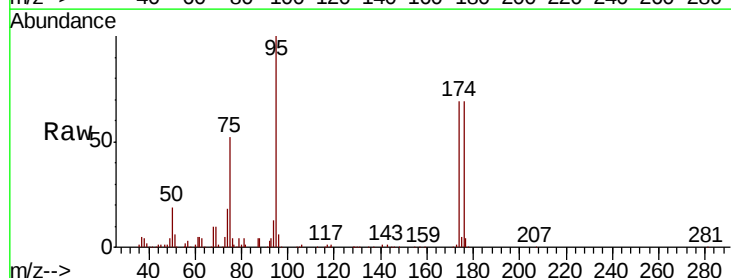
Tgt Ion: 75 Resp: 127290

Ion Ratio Lower Upper

75 100

53 0.0 75.2 112.8#

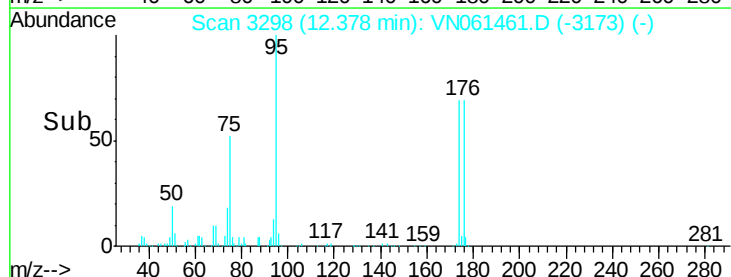
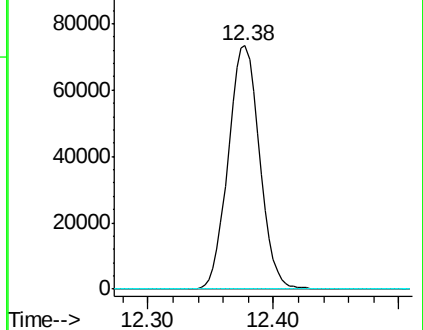
89 0.0 38.2 57.4#

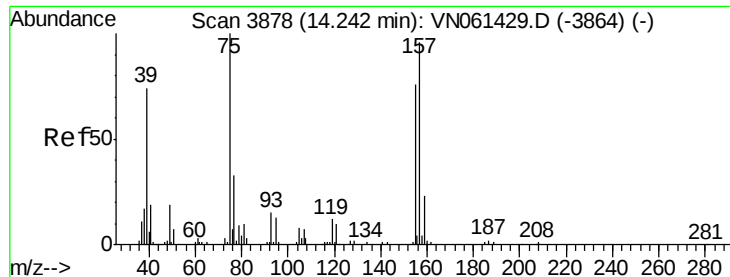


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.250 ug/l

RT: 14.45 min Scan# 3944

Delta R.T. 0.21 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

Instrument :

MSVOA\_N

ClientSampleId :

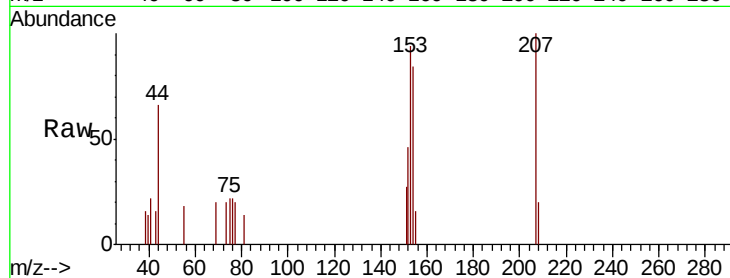
Tot Ion: 75 Resp: 237

Ion Ratio Lower Upper

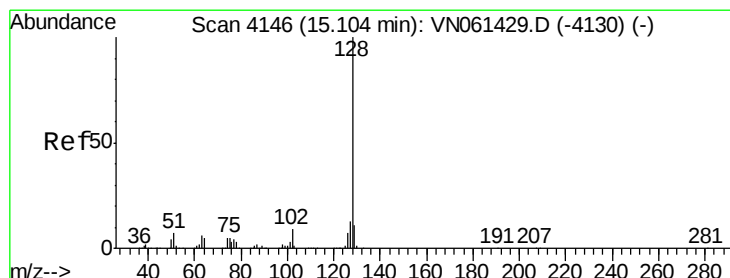
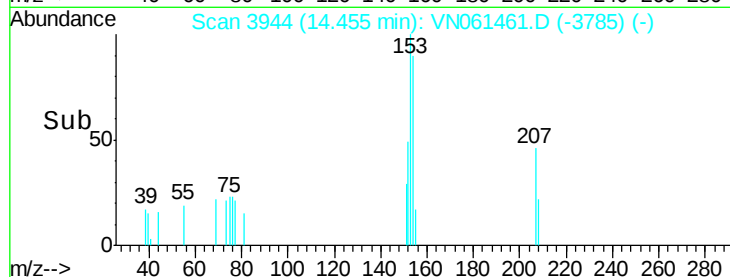
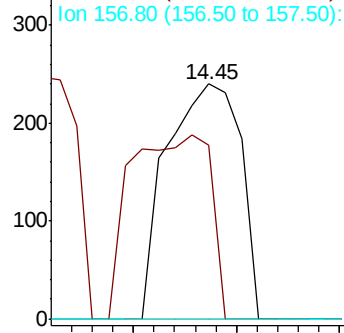
75 100

155 84.8 38.9 116.7

157 0.0 48.6 145.8#



Abundance Ion 74.90 (74.60 to 75.60): VN061429.D (-3864) (-)



#95

Naphthalene

Concen: 0.428 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.01 min

Lab File: VN061461.D

Acq: 19 May 2020 5:46

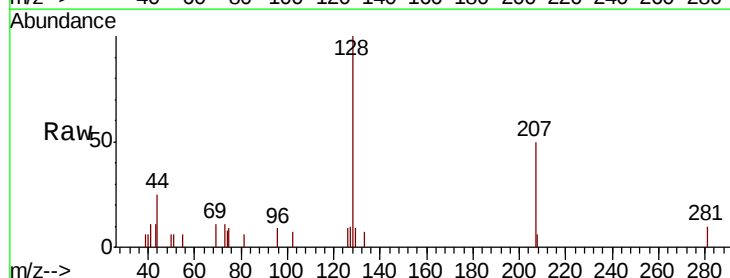
Tgt Ion: 128 Resp: 4799

Ion Ratio Lower Upper

128 100

127 11.8 10.1 15.1

129 11.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VN061429.D (-4130) (-)

