

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\  
 Data File : VN061472.D  
 Acq On : 19 May 2020 10:03  
 Operator : JC/MD  
 Sample : L2503-10  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 19 11:44:33 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  | 267036   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 493902   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 489645   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 218523   | 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   | 192312   | 48.25 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.50%  |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 142049   | 54.90 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 109.80% |          |
| 50) Toluene-d8              | 10.06 | 98   | 625345   | 52.11 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.22% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 247262   | 55.15 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 110.30% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 5) Bromomethane                | 2.55  | 94   | 497      | Below Cal | #      | 65     |
| 11) Tert butyl alcohol         | 4.72  | 59   | 132      | 0.287     | ug/l # | 73     |
| 16) Acetone                    | 3.78  | 43   | 13094    | 1.468     | ug/l   | 94     |
| 17) Carbon Disulfide           | 4.00  | 76   | 285      | Below Cal | #      | 75     |
| 18) Methyl Acetate             | 4.29  | 43   | 2557     | Below Cal | #      | 70     |
| 20) Methylene Chloride         | 4.51  | 84   | 12566    | 3.836     | ug/l   | 95     |
| 25) 2-Butanone                 | 6.80  | 43   | 2626     | 1.447     | ug/l   | 95     |
| 31) Cyclohexane                | 7.62  | 56   | 6438     | Below Cal | #      | 32     |
| 36) 1,1-Dichloropropene        | 7.63  | 75   | 22941    | 4.967     | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 7.63  | 117  | 27877    | 6.556     | ug/l # | 15     |
| 40) Benzene                    | 8.00  | 78   | 4736     | 0.340     | ug/l   | 92     |
| 43) Isopropyl Acetate          | 8.13  | 43   | 82360    | 11.275    | ug/l # | 90     |
| 45) 1,2-Dichloropropane        | 9.24  | 63   | 1660     | 0.477     | ug/l # | 43     |
| 48) Methyl methacrylate        | 9.14  | 41   | 4076     | 1.208     | ug/l # | 9      |
| 49) 1,4-Dioxane                | 9.17  | 88   | 100      | Below Cal | #      | 1      |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 6790     | 1.706     | ug/l   | 97     |
| 52) Toluene                    | 10.12 | 92   | 9522     | 1.066     | ug/l   | 100    |
| 54) cis-1,3-Dichloropropene    | 9.87  | 75   | 40814    | 6.808     | ug/l # | 59     |
| 56) Ethyl methacrylate         | 10.52 | 69   | 1112     | 0.211     | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 10.74 | 76   | 6472     | 1.109     | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.74 | 43   | 80229    | 27.867    | ug/l # | 48     |
| 67) Ethyl Benzene              | 11.49 | 91   | 12732    | 0.699     | ug/l   | 92     |
| 68) m/p-Xylenes                | 11.60 | 106  | 14323    | 2.070     | ug/l   | 95     |
| 69) o-Xylene                   | 11.92 | 106  | 2975     | 0.444     | ug/l   | 96     |
| 71) Bromoform                  | 12.38 | 173  | 1757     | 2.626     | ug/l # | 1      |
| 74) N-amyl acetate             | 12.00 | 43   | 4095     | 0.638     | ug/l # | 42     |
| 76) 1,2,3-Trichloropropane     | 12.37 | 75   | 127230   | 27.134    | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 3735     | 0.260     | ug/l   | 96     |
| 81) trans-1,4-Dichloro-2-buten | 12.37 | 75   | 127230   | 71.980    | ug/l # | 12     |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 10607    | 0.738     | ug/l   | 97     |
| 85) sec-Butylbenzene           | 13.01 | 105  | 10607    | 0.638     | ug/l # | 57     |
| 95) Naphthalene                | 15.10 | 128  | 20495    | 1.779     | ug/l   | 99     |

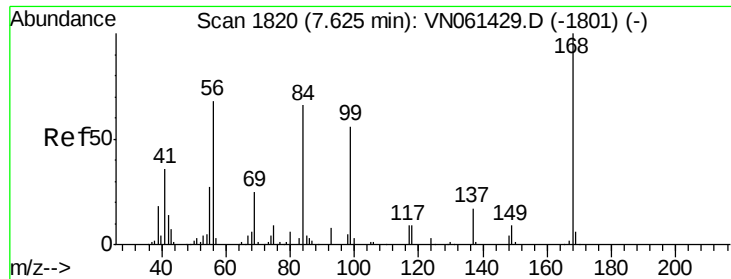
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\  
Data File : VN061472.D  
Acq On : 19 May 2020 10:03  
Operator : JC/MD  
Sample : L2503-10  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: May 19 11:44:33 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) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN061472.D

Acq: 19 May 2020 10:03

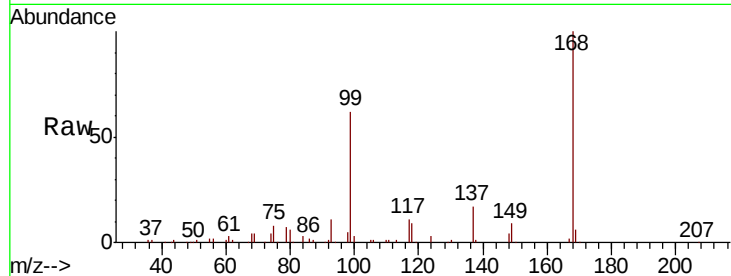
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 267036

Ion Ratio Lower Upper

168 100

99 61.7 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

120000

100000

80000

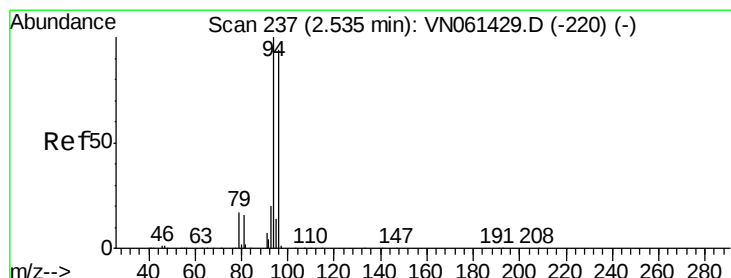
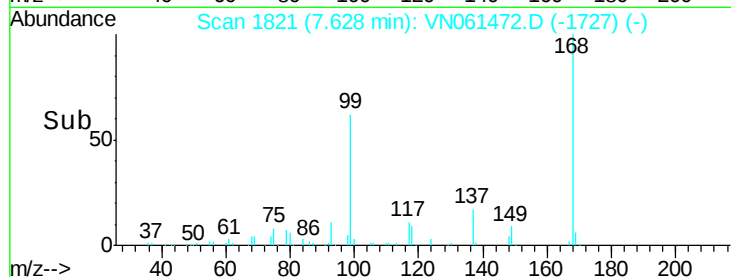
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 243

Delta R.T. 0.02 min

Lab File: VN061472.D

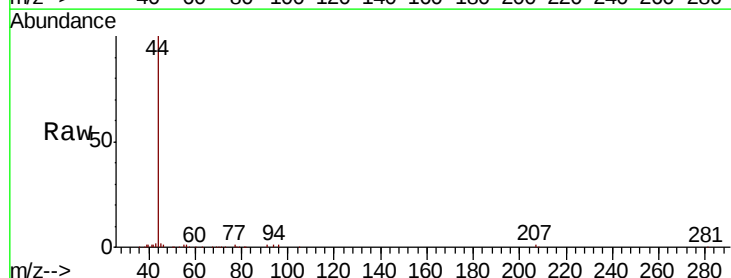
Acq: 19 May 2020 10:03

Tgt Ion: 94 Resp: 497

Ion Ratio Lower Upper

94 100

96 59.9 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

400

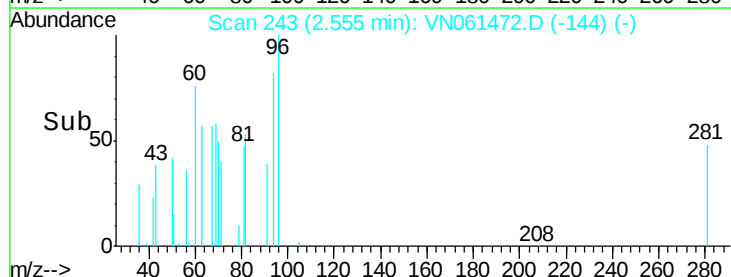
300

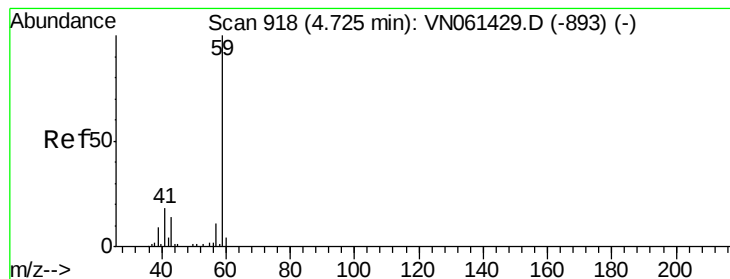
200

100

0

Time--> 2.52 2.54 2.56 2.58



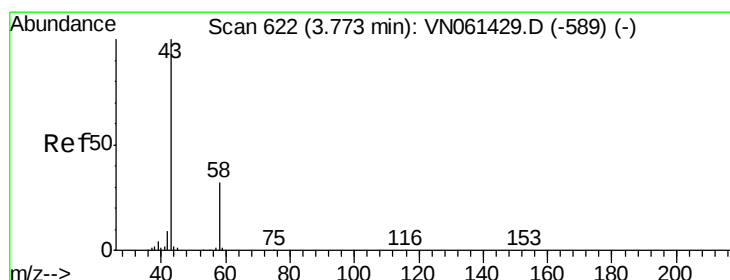
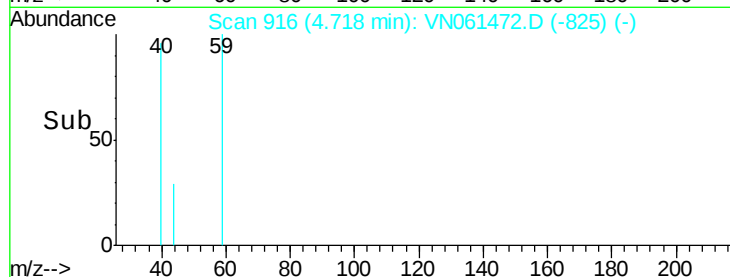
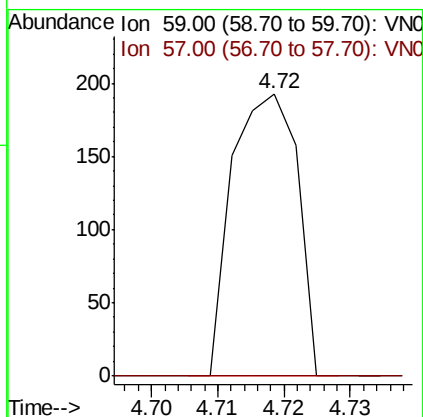
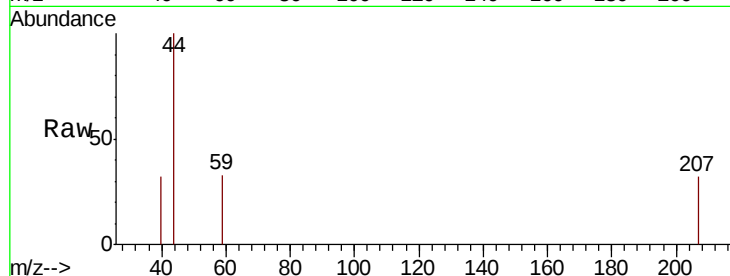


#11

Tert butyl alcohol  
 Concen: 0.287 ug/l  
 RT: 4.72 min Scan# 916  
 Delta R.T. -0.01 min  
 Lab File: VN061472.D  
 Acq: 19 May 2020 10:03

Instrument :  
 MSVOA\_N  
 ClientSampleId :

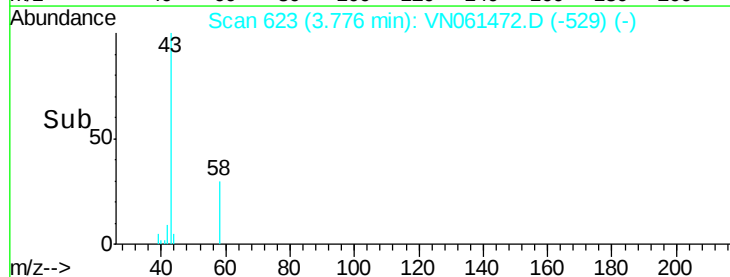
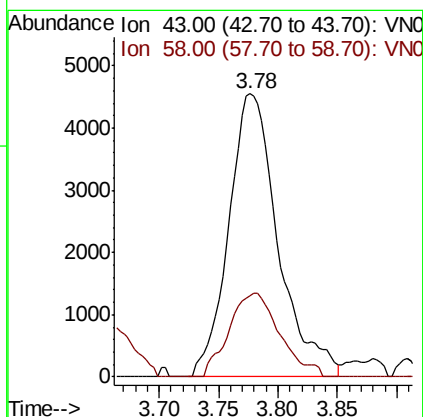
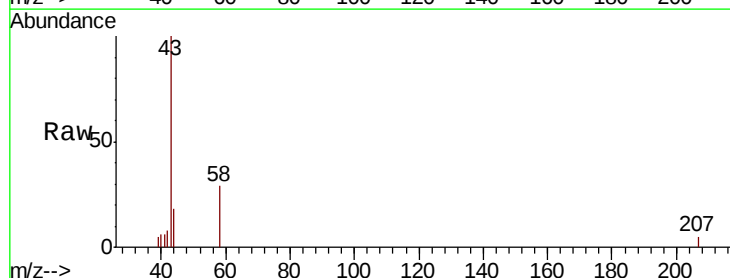
Tot Ion: 59 Resp: 132  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.2 12.2#

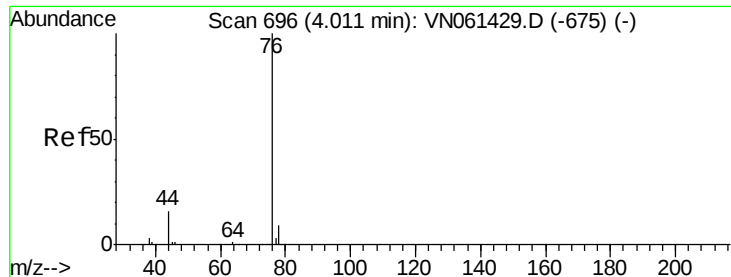


#16

Acetone  
 Concen: 1.468 ug/l  
 RT: 3.78 min Scan# 623  
 Delta R.T. 0.00 min  
 Lab File: VN061472.D  
 Acq: 19 May 2020 10:03

Tgt Ion: 43 Resp: 13094  
 Ion Ratio Lower Upper  
 43 100  
 58 28.7 25.6 38.4





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.00 min Scan# 693

Delta R.T. -0.01 min

Lab File: VN061472.D

Acq: 19 May 2020 10:03

Instrument :

MSVOA\_N

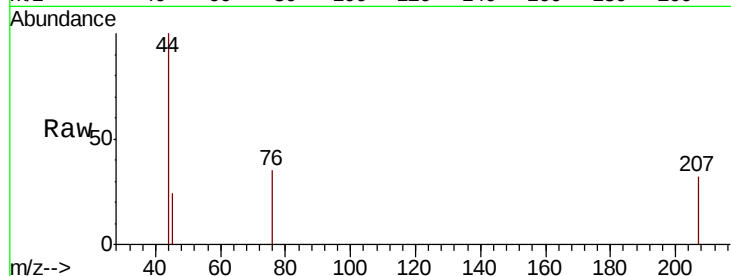
ClientSampled :

Tot Ion: 76 Resp: 285

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

4.00

250

200

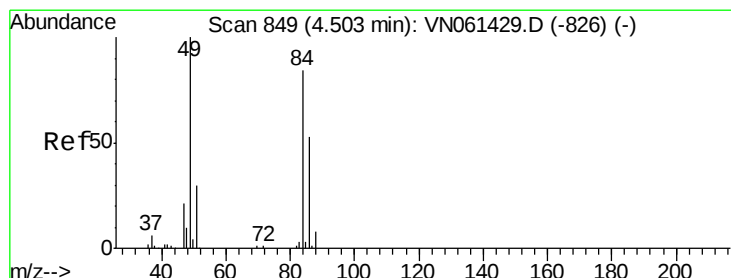
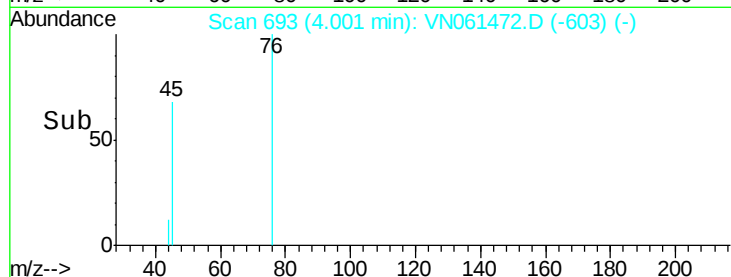
150

100

50

0

Time--> 3.98 4.00 4.02



#20

Methylene Chloride

Concen: 3.836 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN061472.D

Acq: 19 May 2020 10:03

Tgt Ion: 84 Resp: 12566

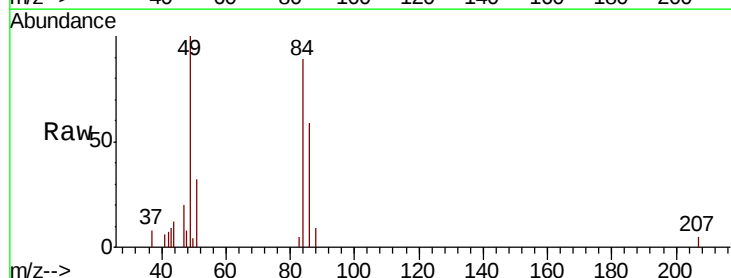
Ion Ratio Lower Upper

84 100

49 112.7 95.3 142.9

51 35.8 29.0 43.6

86 66.9 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC

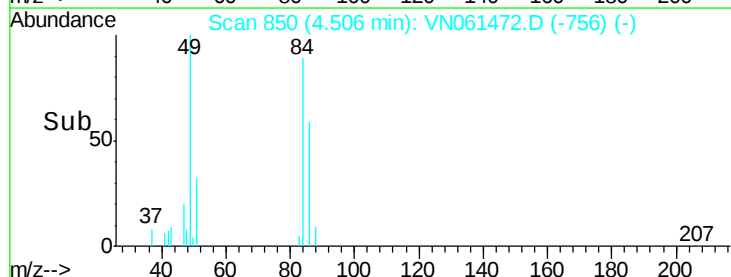
6000

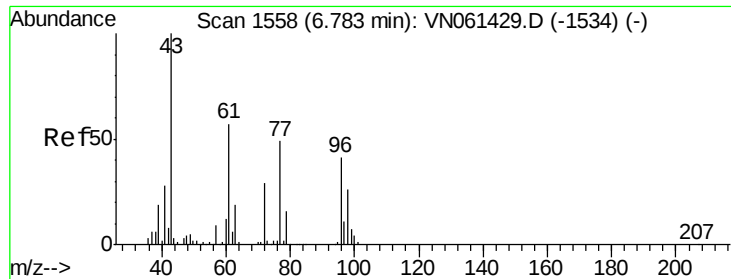
4000

2000

0

Time--> 4.40 4.45 4.50 4.55 4.60

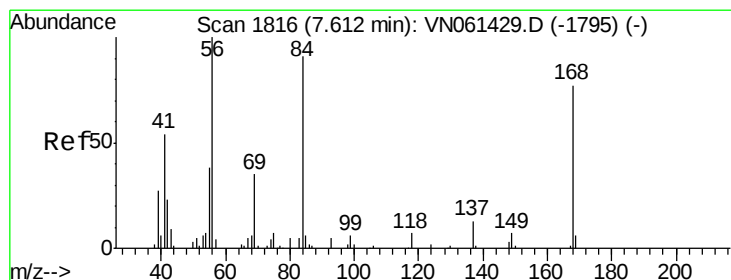
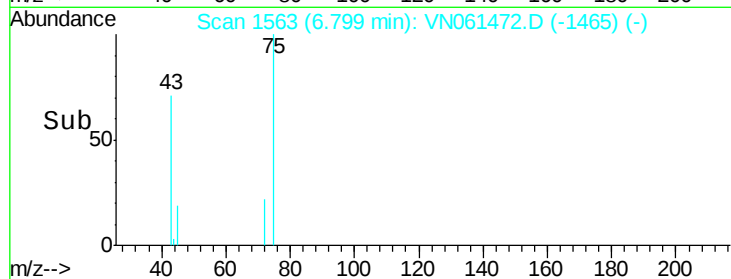
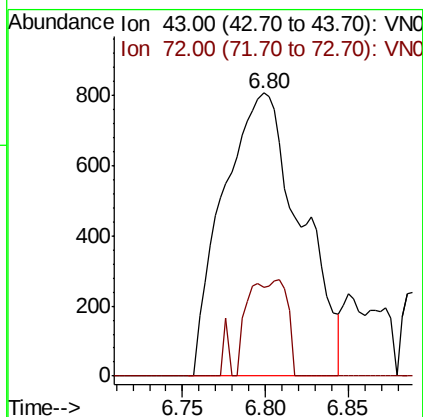
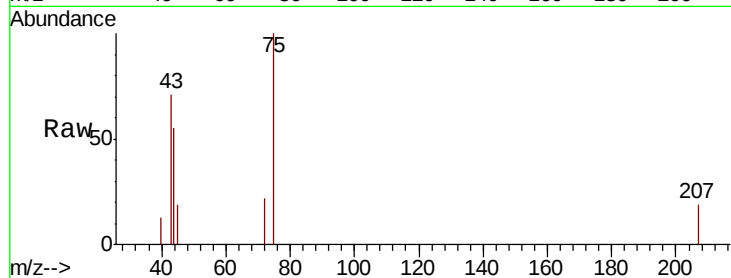




#25  
2-Butanone  
Concen: 1.447 ug/l  
RT: 6.80 min Scan# 1563  
Delta R.T. 0.02 min  
Lab File: VN061472.D  
Acq: 19 May 2020 10:03

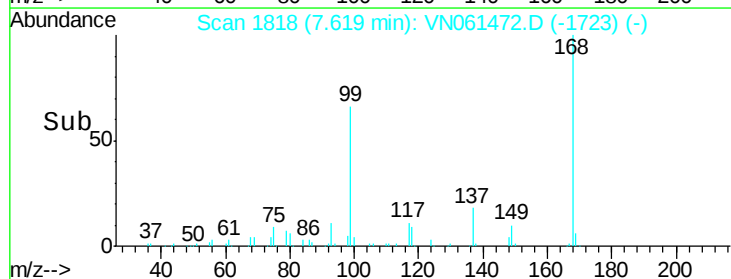
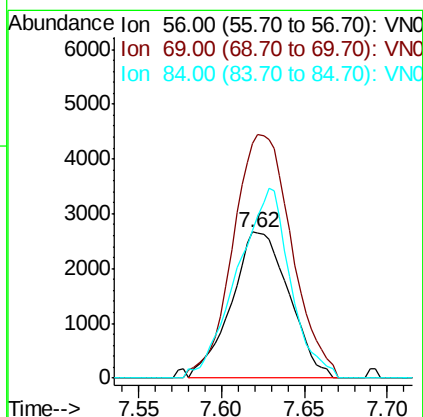
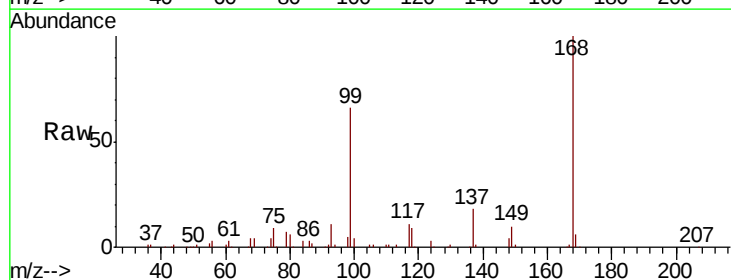
Instrument :  
MSVOA\_N  
ClientSampleId :

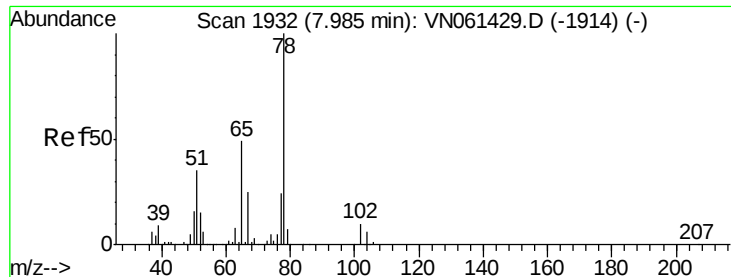
Tot Ion: 43 Resp: 2626  
Ion Ratio Lower Upper  
43 100  
72 31.5 23.0 34.6



#31  
Cyclohexane  
Concen: Below Cal  
RT: 7.62 min Scan# 1818  
Delta R.T. 0.01 min  
Lab File: VN061472.D  
Acq: 19 May 2020 10:03

Tgt Ion: 56 Resp: 6438  
Ion Ratio Lower Upper  
56 100  
69 161.2 27.8 41.6#  
84 101.0 72.7 109.1

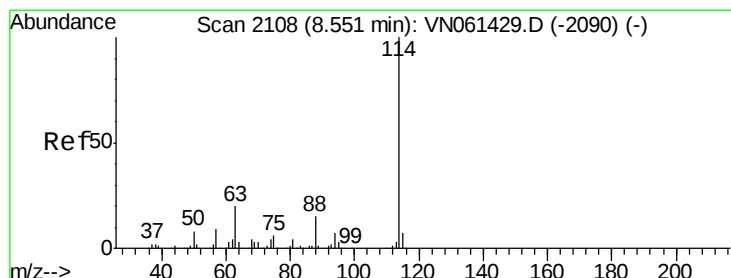
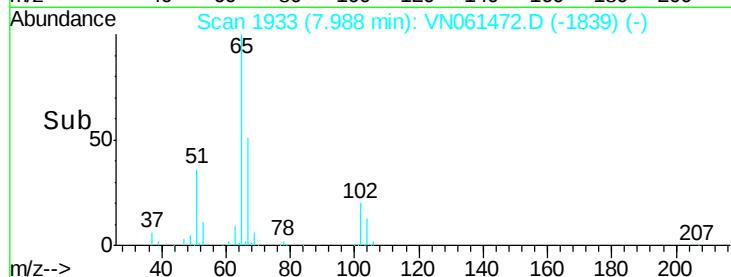
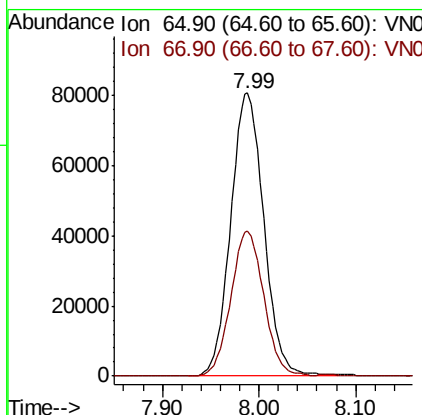
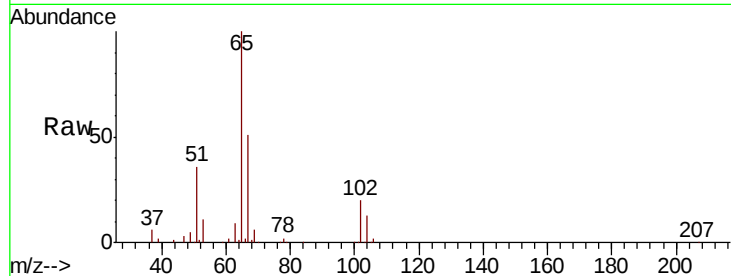




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.254 ug/l  
 RT: 7.99 min Scan# 1933  
 Delta R.T. 0.00 min  
 Lab File: VN061472.D  
 Acq: 19 May 2020 10:03

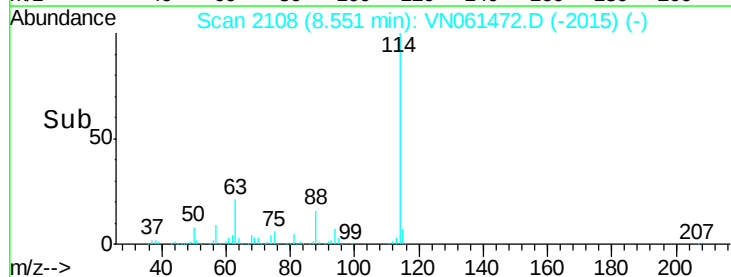
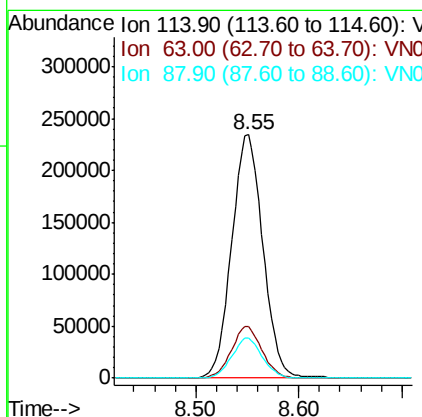
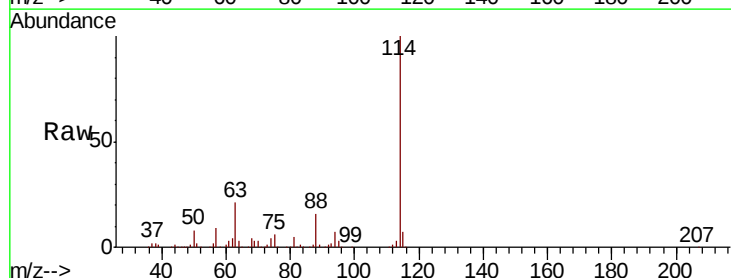
Instrument :  
 MSVOA\_N  
 ClientSampleId :

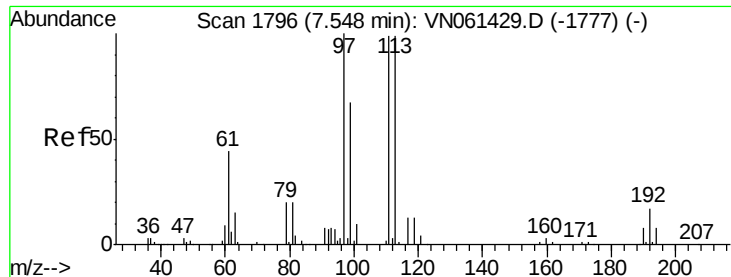
Tot Ion: 65 Resp: 192312  
 Ion Ratio Lower Upper  
 65 100  
 67 50.8 0.0 101.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. -0.00 min  
 Lab File: VN061472.D  
 Acq: 19 May 2020 10:03

Tgt Ion: 114 Resp: 493902  
 Ion Ratio Lower Upper  
 114 100  
 63 21.0 0.0 40.8  
 88 16.4 0.0 30.8

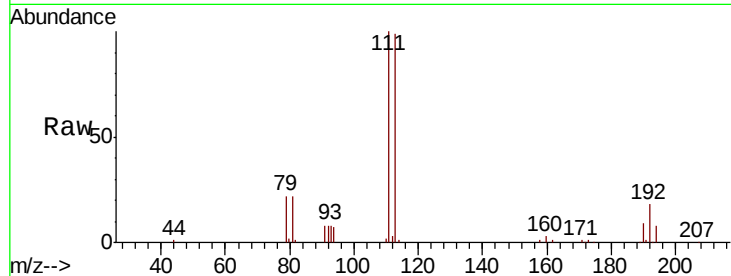




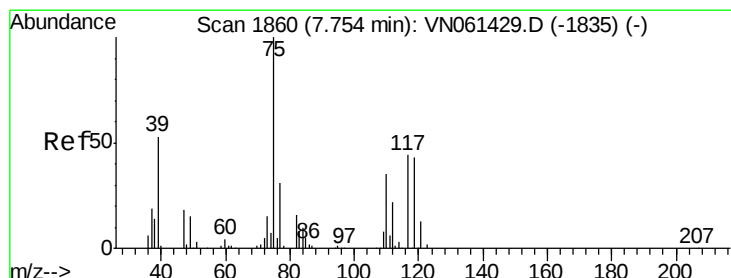
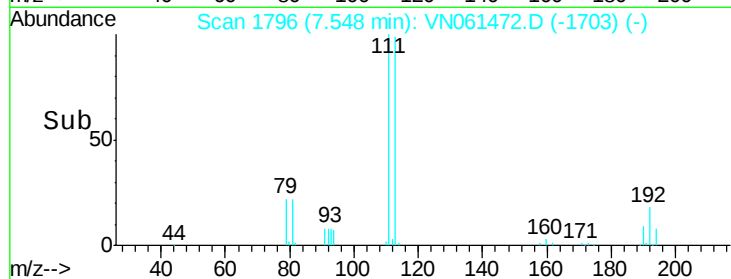
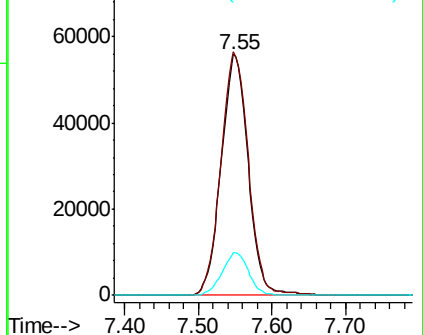
#35  
 Dibromofluoromethane  
 Concen: 54.900 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. -0.00 min  
 Lab File: VN061472.D  
 Acq: 19 May 2020 10:03

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:113 Resp: 142049  
 Ion Ratio Lower Upper  
 113 100  
 111 102.7 80.6 121.0  
 192 17.4 13.2 19.8

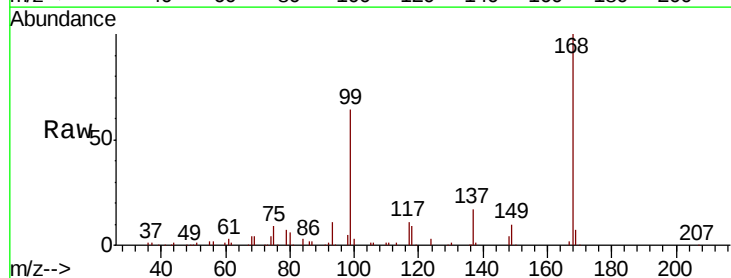


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

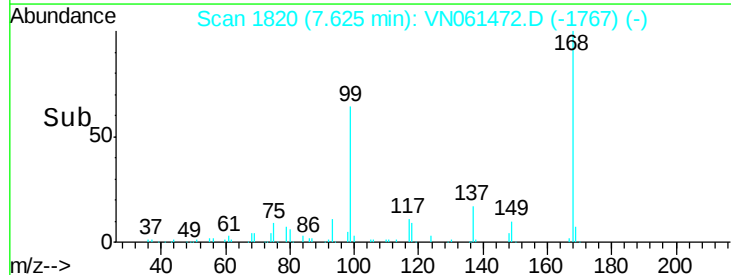
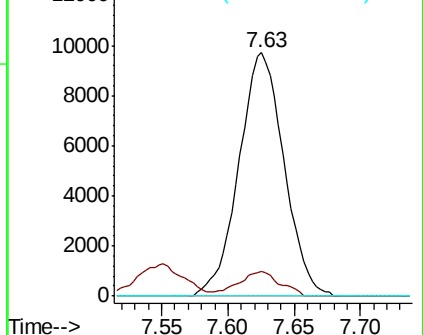


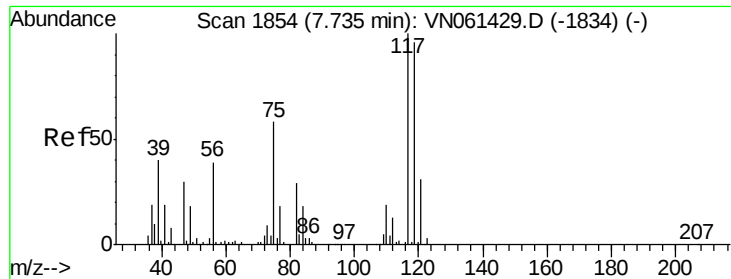
#36  
 1,1-Dichloropropene  
 Concen: 4.967 ug/l  
 RT: 7.63 min Scan# 1820  
 Delta R.T. -0.13 min  
 Lab File: VN061472.D  
 Acq: 19 May 2020 10:03

Tgt Ion: 75 Resp: 22941  
 Ion Ratio Lower Upper  
 75 100  
 110 9.2 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: 6.556 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.11 min

Lab File: VN061472.D

Acq: 19 May 2020 10:03

Instrument :

MSVOA\_N

ClientSampled :

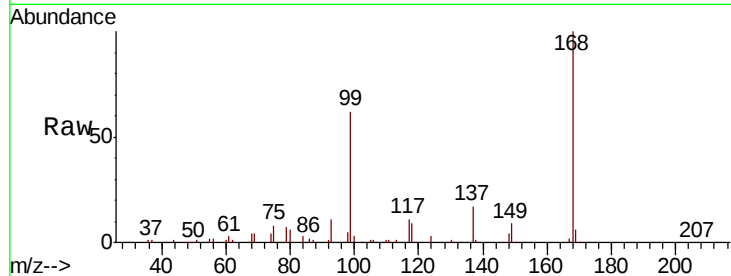
Tot Ion:117 Resp: 27877

Ion Ratio Lower Upper

117 100

119 4.5 77.0 115.6#

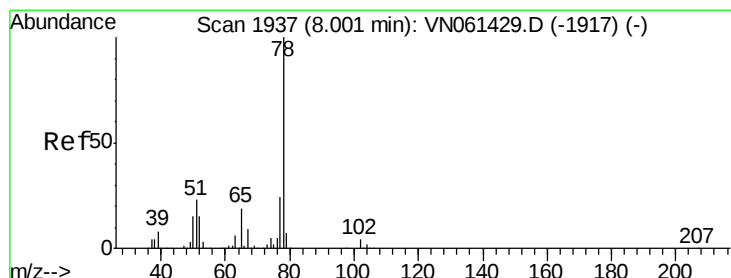
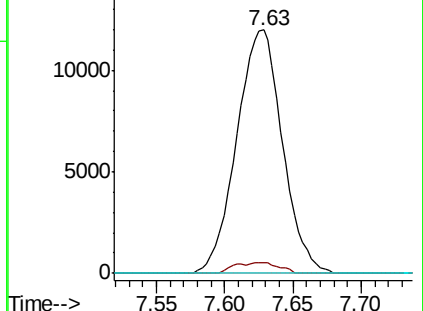
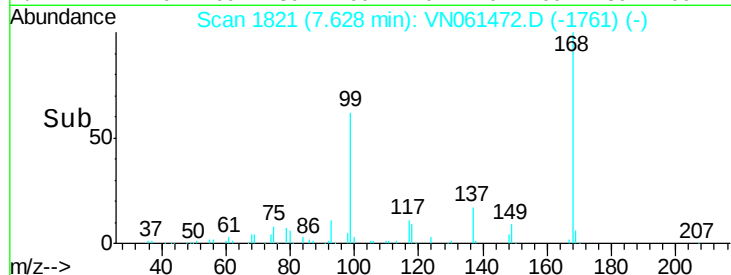
121 0.0 24.7 37.1#



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



#40

Benzene

Concen: 0.340 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN061472.D

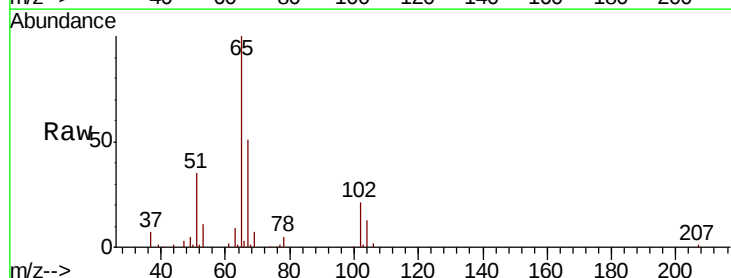
Acq: 19 May 2020 10:03

Tgt Ion: 78 Resp: 4736

Ion Ratio Lower Upper

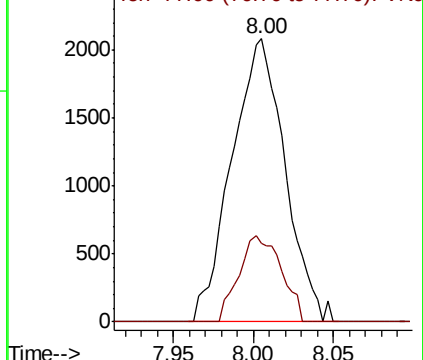
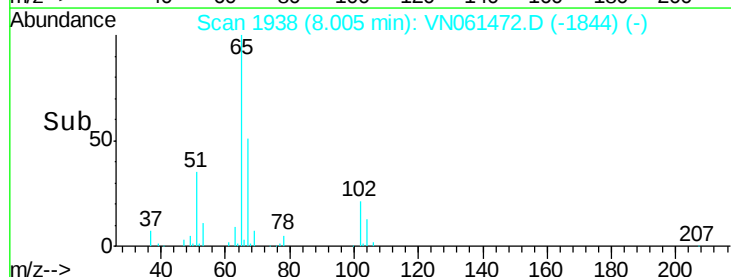
78 100

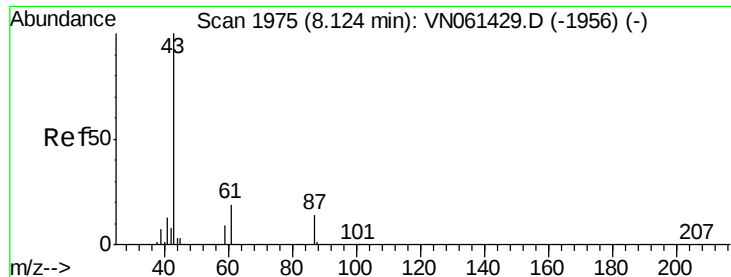
77 27.8 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



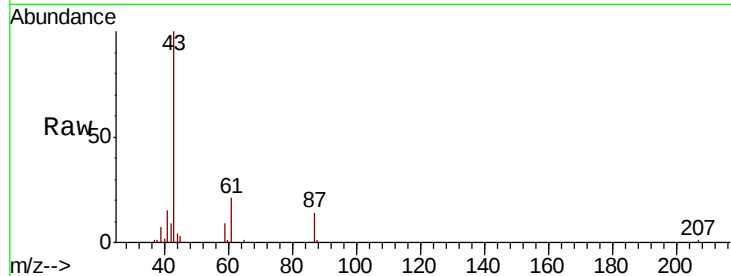


#43

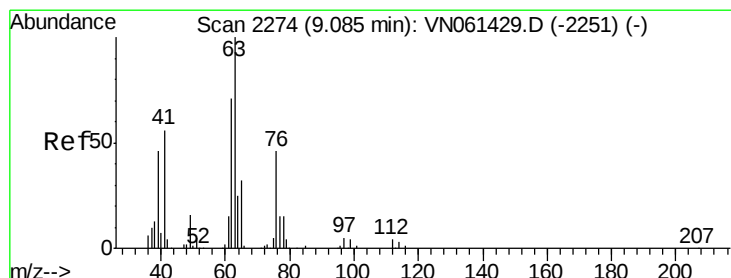
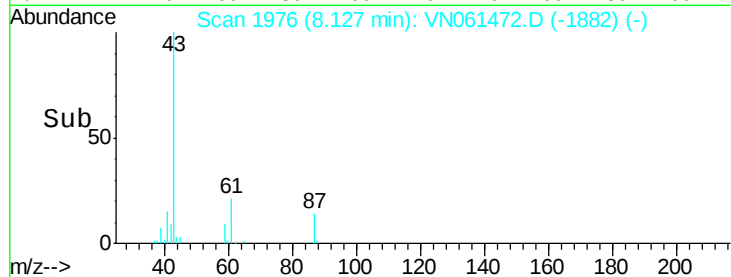
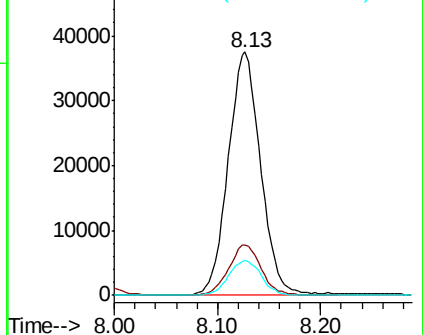
Isopropyl Acetate  
 Concen: 11.275 ug/l  
 RT: 8.13 min Scan# 1976  
 Delta R.T. 0.00 min  
 Lab File: VN061472.D  
 Acq: 19 May 2020 10:03

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.6  | 23.0  | 34.4# |
| 87      | 14.3  | 11.6  | 17.4  |



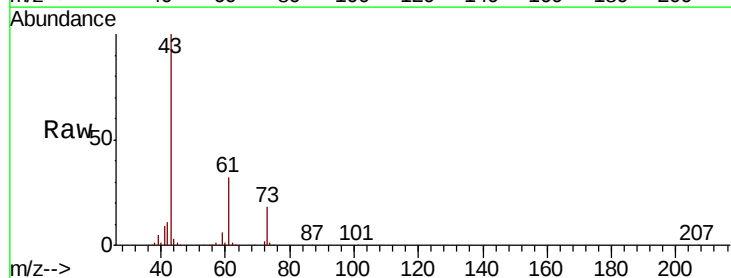
Abundance Ion 43.00 (42.70 to 43.70): VN0  
 Ion 61.00 (60.70 to 61.70): VN0  
 Ion 87.00 (86.70 to 87.70): VN0



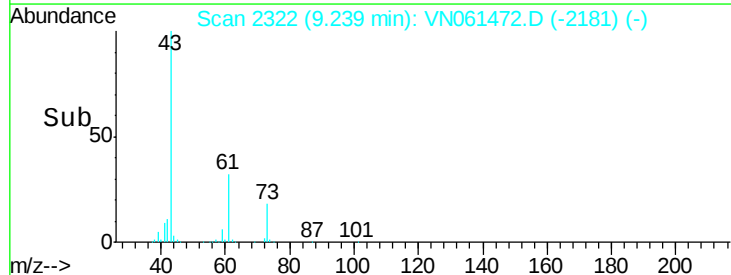
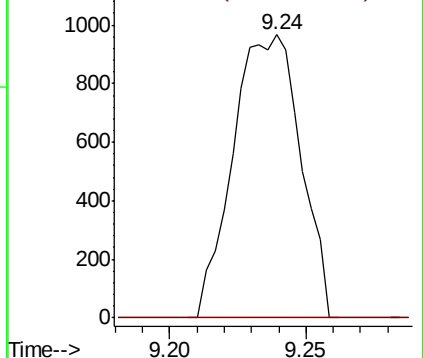
#45

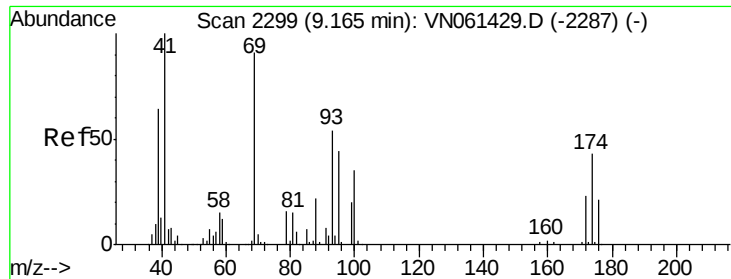
1,2-Dichloropropane  
 Concen: 0.477 ug/l  
 RT: 9.24 min Scan# 2322  
 Delta R.T. 0.15 min  
 Lab File: VN061472.D  
 Acq: 19 May 2020 10:03

| Tgt 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

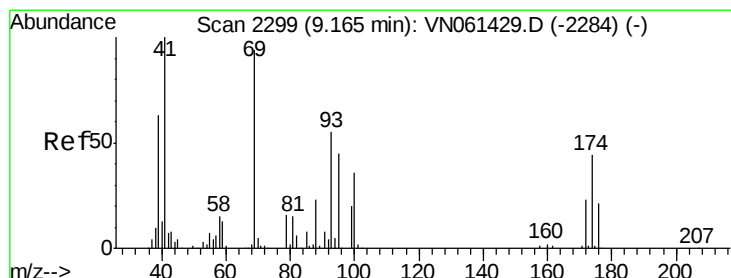
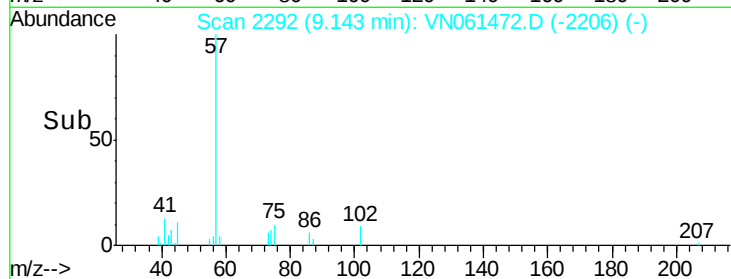
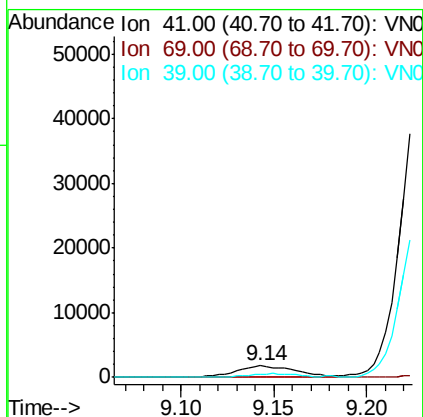
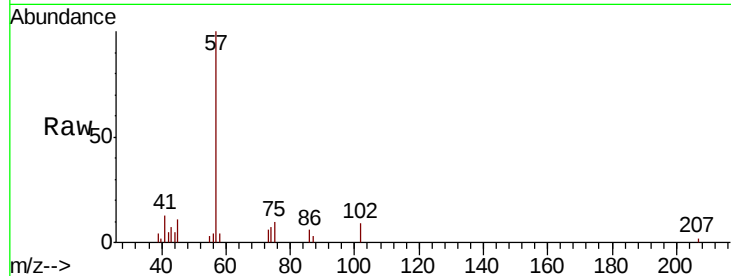




#48  
Methvl methacrylate  
Concen: 1.208 ug/l  
RT: 9.14 min Scan# 2292  
Delta R.T. -0.02 min  
Lab File: VN061472.D  
Acq: 19 May 2020 10:03

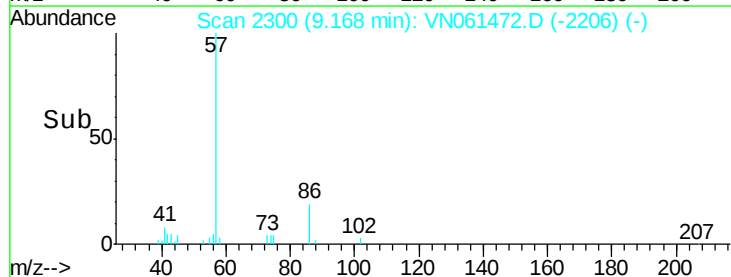
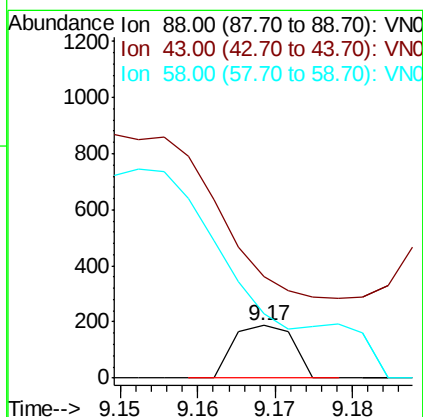
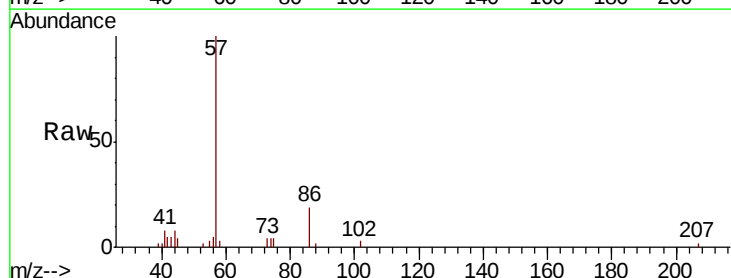
Instrument :  
MSVOA\_N  
ClientSampled :

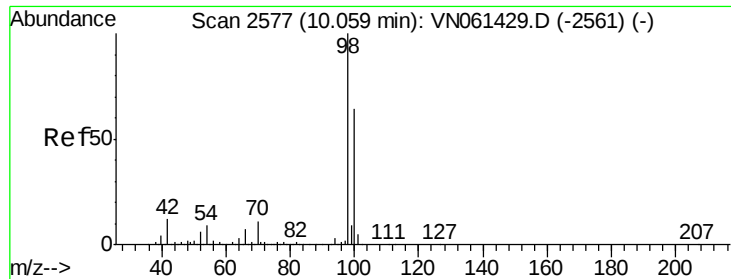
Tot Ion: 41 Resp: 4076  
Ion Ratio Lower Upper  
41 100  
69 0.0 75.3 112.9#  
39 0.0 52.6 79.0#



#49  
1,4-Dioxane  
Concen: Below Cal  
RT: 9.17 min Scan# 2300  
Delta R.T. 0.00 min  
Lab File: VN061472.D  
Acq: 19 May 2020 10:03

Tgt Ion: 88 Resp: 100  
Ion Ratio Lower Upper  
88 100  
43 0.0 26.3 39.5#  
58 1445.0 54.1 81.1#





#50

Toluene-d8

Concen: 52.108 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061472.D

Acq: 19 May 2020 10:03

Instrument :

MSVOA\_N

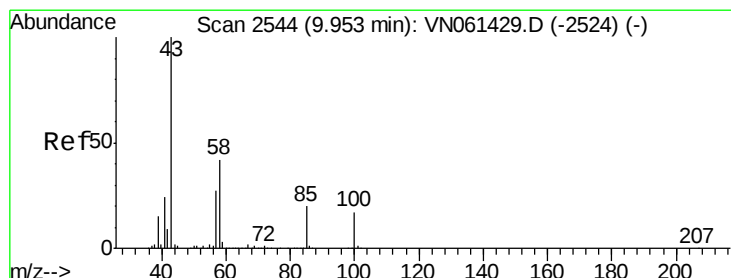
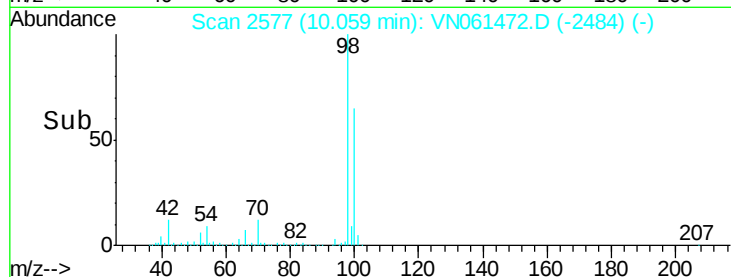
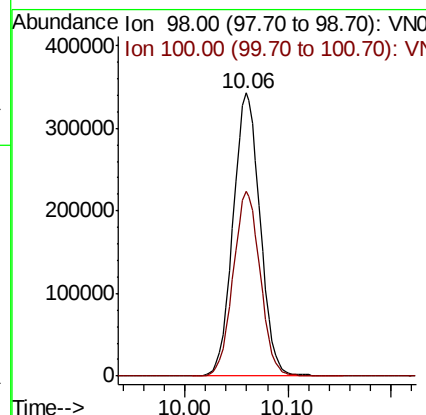
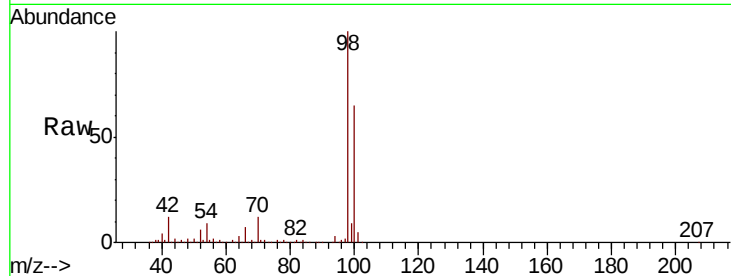
ClientSampleId :

Tot Ion: 98 Resp: 625345

Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.8



#51

4-Methyl-2-Pentanone

Concen: 1.706 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061472.D

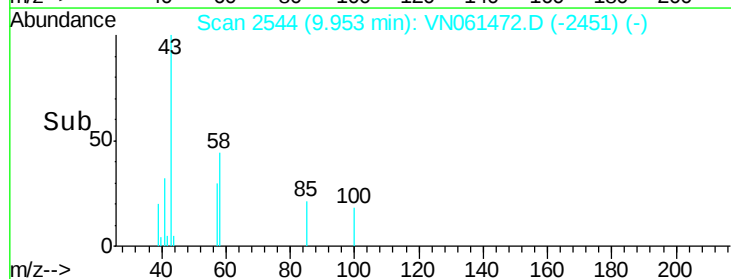
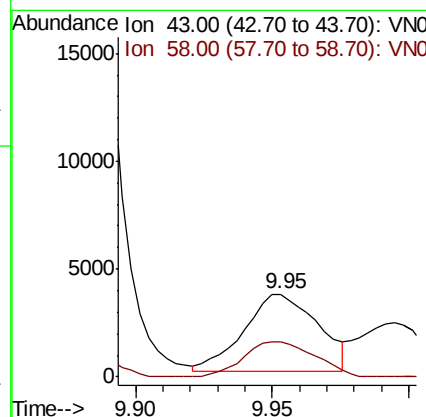
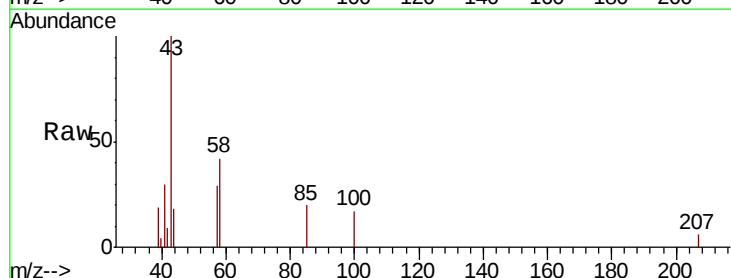
Acq: 19 May 2020 10:03

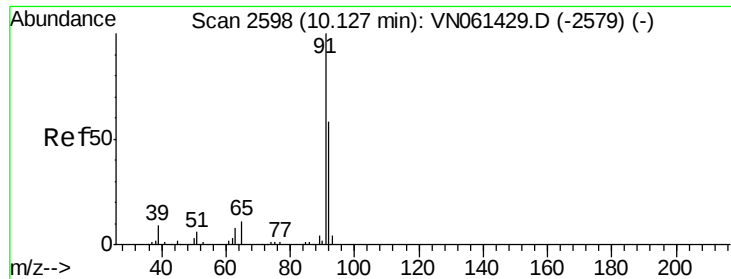
Tgt Ion: 43 Resp: 6790

Ion Ratio Lower Upper

43 100

58 44.0 33.4 50.2





#52

Toluene

Concen: 1.066 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061472.D

Acq: 19 May 2020 10:03

Instrument :

MSVOA\_N

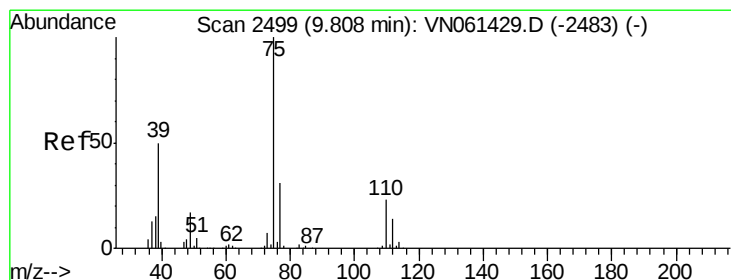
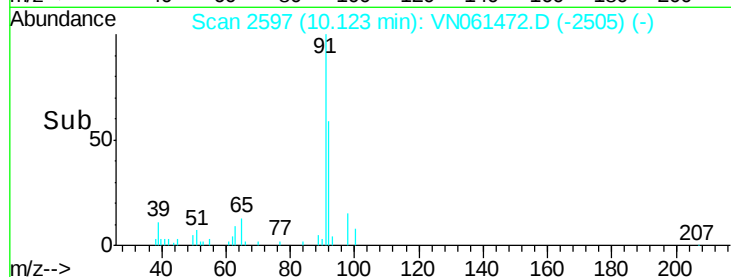
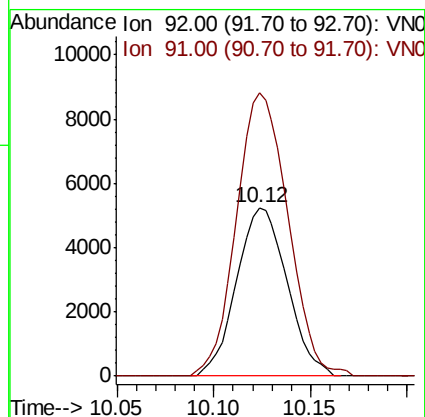
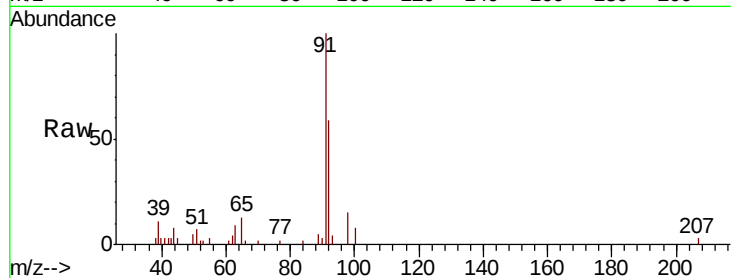
ClientSampleId :

Tot Ion: 92 Resp: 9522

Ion Ratio Lower Upper

92 100

91 171.8 138.0 207.0



#54

cis-1,3-Dichloropropene

Concen: 6.808 ug/l

RT: 9.87 min Scan# 2519

Delta R.T. 0.06 min

Lab File: VN061472.D

Acq: 19 May 2020 10:03

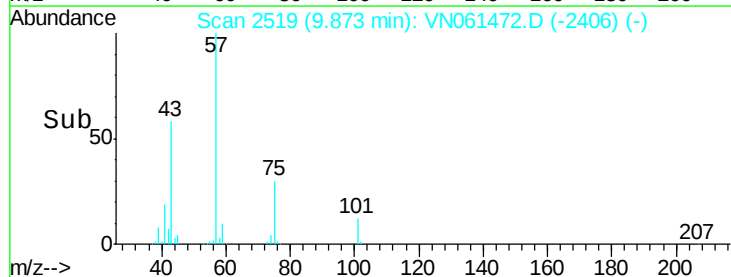
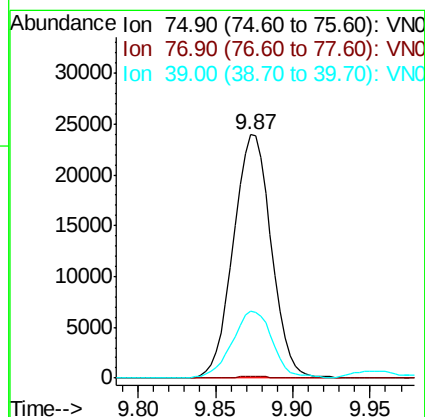
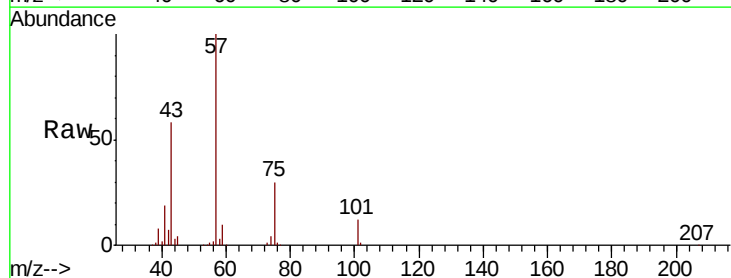
Tgt Ion: 75 Resp: 40814

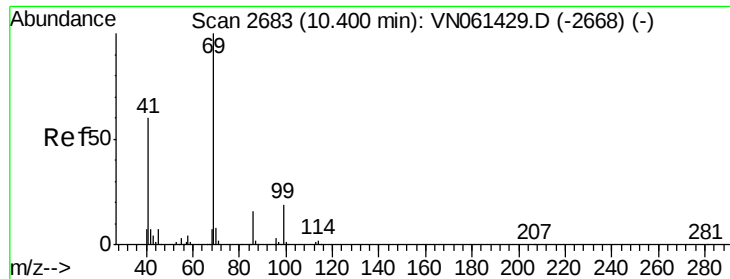
Ion Ratio Lower Upper

75 100

77 0.8 24.8 37.2#

39 27.3 39.8 59.6#





#56

Ethyl methacrylate

Concen: 0.211 ug/l

RT: 10.52 min Scan# 2720

Delta R.T. 0.12 min

Lab File: VN061472.D

Acq: 19 May 2020 10:03

Instrument :

MSVOA\_N

ClientSampled :

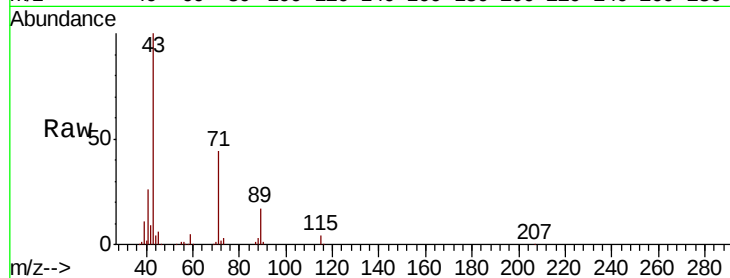
Tot Ion: 69 Resp: 1112

Ion Ratio Lower Upper

69 100

41 6884.2 48.3 72.5#

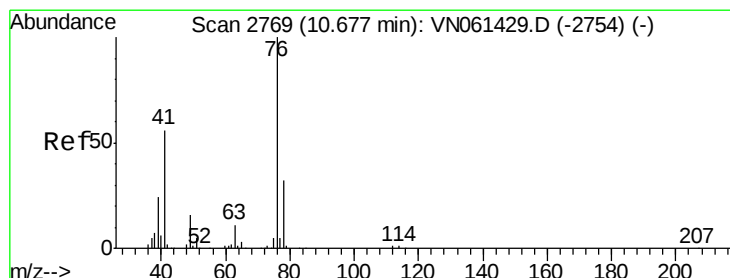
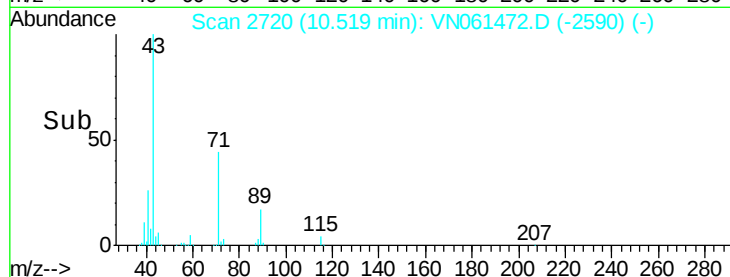
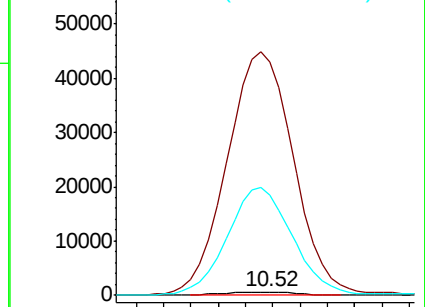
39 2960.9 30.2 45.2#



Abundance Ion 69.00 (68.70 to 69.70): VN061472.D (-2590) (-)

Ion 41.00 (40.70 to 41.70): VN061472.D (-2590) (-)

Ion 39.00 (38.70 to 39.70): VN061472.D (-2590) (-)



#57

1,3-Dichloropropane

Concen: 1.109 ug/l

RT: 10.74 min Scan# 2788

Delta R.T. 0.06 min

Lab File: VN061472.D

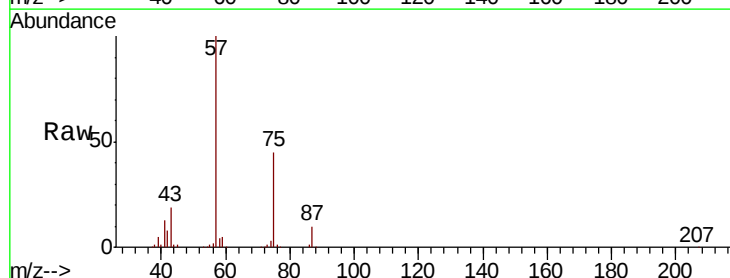
Acq: 19 May 2020 10:03

Tgt Ion: 76 Resp: 6472

Ion Ratio Lower Upper

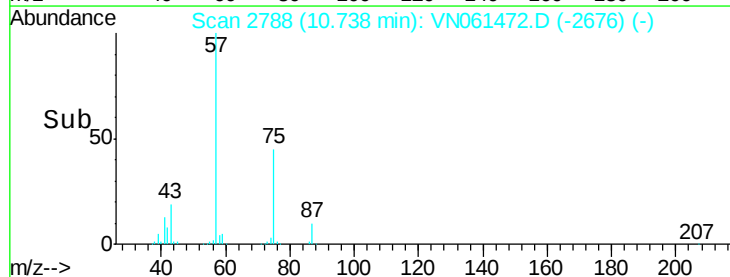
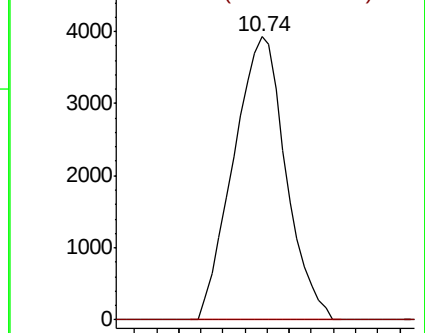
76 100

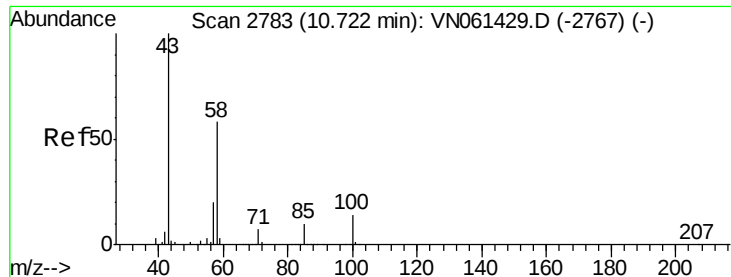
78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VN061472.D (-2676) (-)

Ion 77.90 (77.60 to 78.60): VN061472.D (-2676) (-)

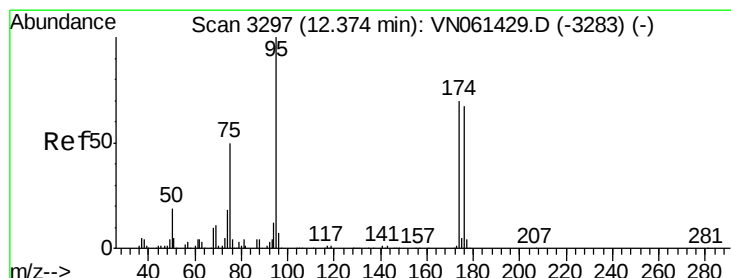
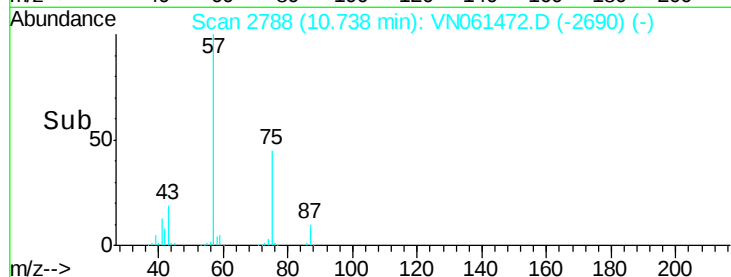
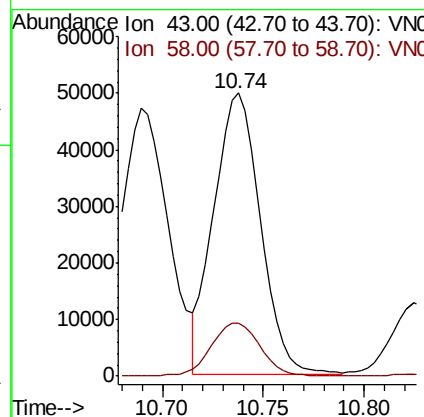
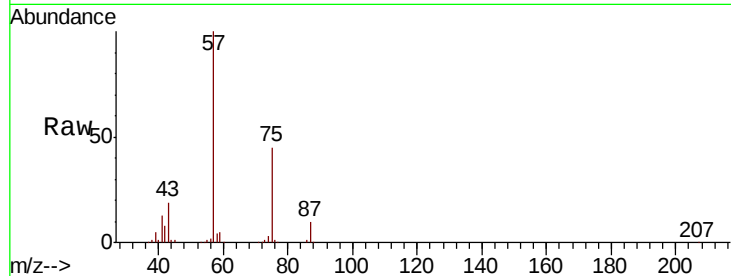




#59  
2-Hexanone  
Concen: 27.867 ug/l  
RT: 10.74 min Scan# 2788  
Delta R.T. 0.02 min  
Lab File: VN061472.D  
Acq: 19 May 2020 10:03

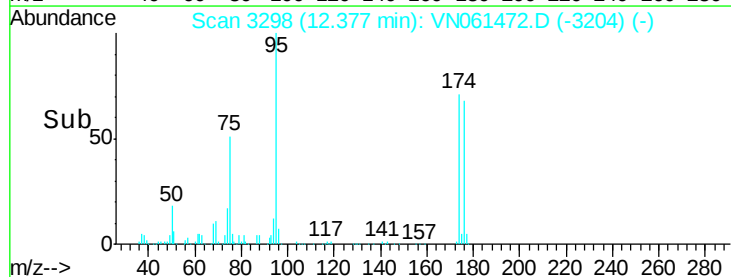
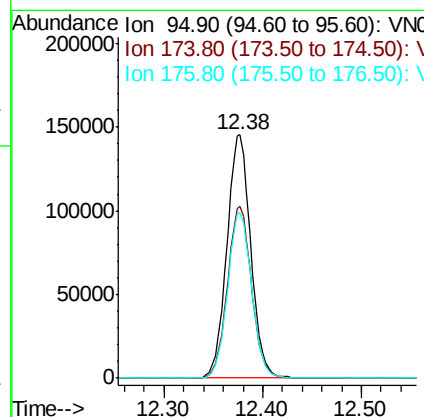
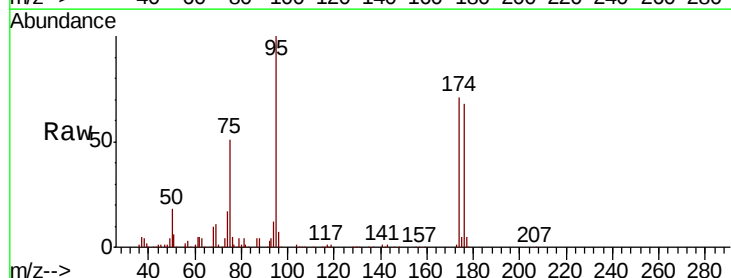
Instrument :  
MSVOA\_N  
ClientSampled :

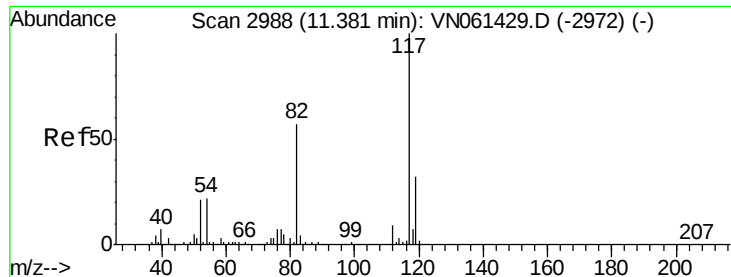
Tot Ion: 43 Resp: 80229  
Ion Ratio Lower Upper  
43 100  
58 19.8 29.2 87.6#



#62  
4-Bromofluorobenzene  
Concen: 55.147 ug/l  
RT: 12.38 min Scan# 3298  
Delta R.T. 0.00 min  
Lab File: VN061472.D  
Acq: 19 May 2020 10:03

Tgt Ion: 95 Resp: 247262  
Ion Ratio Lower Upper  
95 100  
174 70.9 0.0 141.2  
176 68.5 0.0 137.6

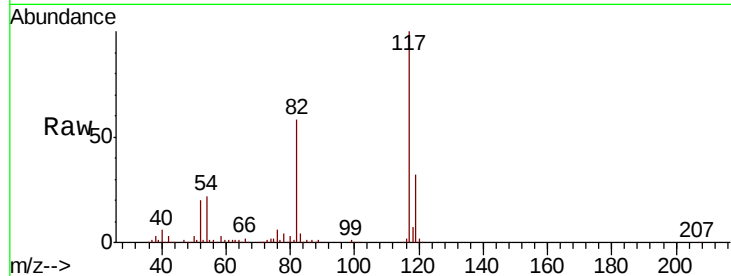




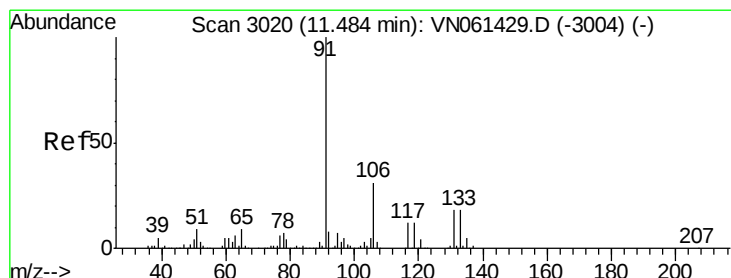
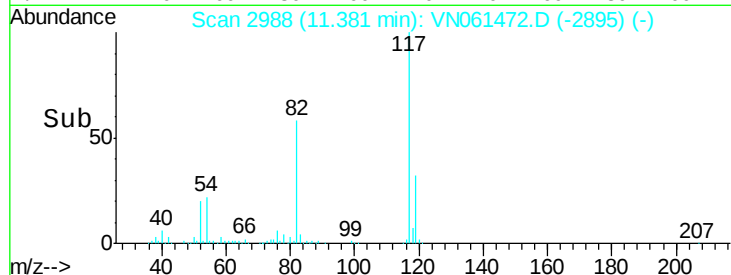
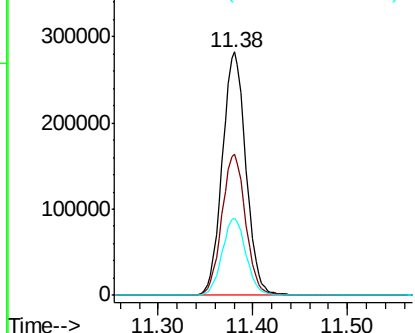
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: VN061472.D  
Acq: 19 May 2020 10:03

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:117 Resp: 489645  
Ion Ratio Lower Upper  
117 100  
82 57.8 45.2 67.8  
119 31.8 25.3 37.9

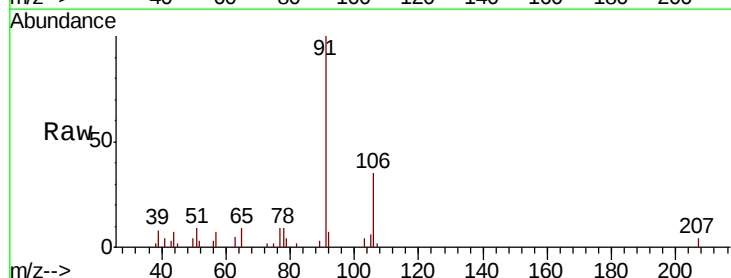


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VN  
Ion 118.90 (118.60 to 119.60): V

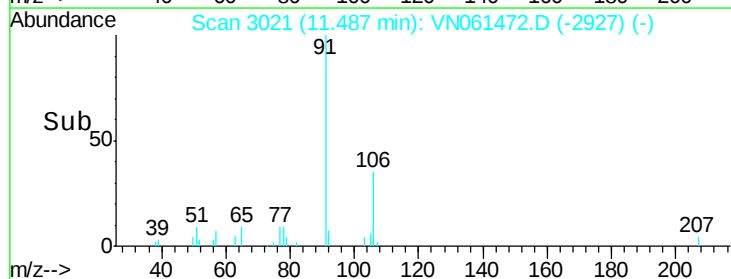
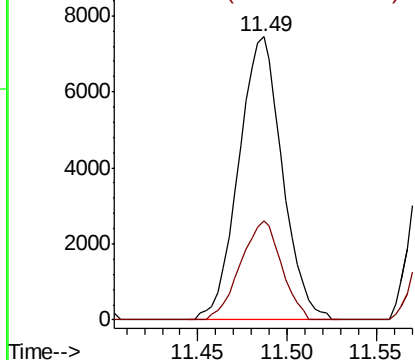


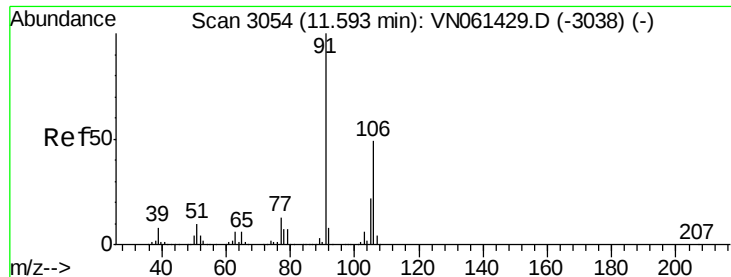
#67  
Ethyl Benzene  
Concen: 0.699 ug/l  
RT: 11.49 min Scan# 3021  
Delta R.T. 0.00 min  
Lab File: VN061472.D  
Acq: 19 May 2020 10:03

Tgt Ion: 91 Resp: 12732  
Ion Ratio Lower Upper  
91 100  
106 35.2 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN  
Ion 106.00 (105.70 to 106.70): V

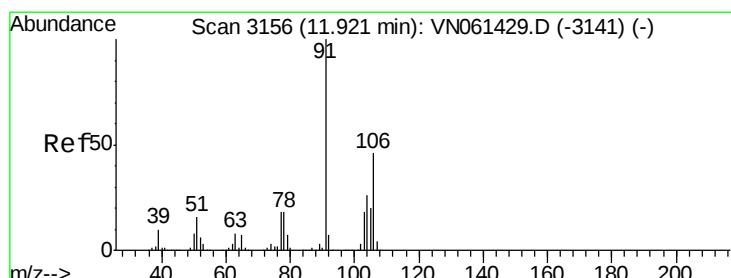
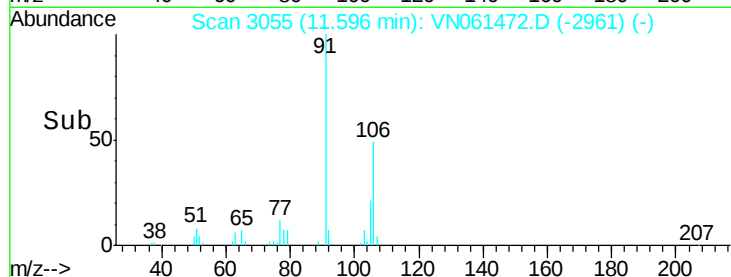
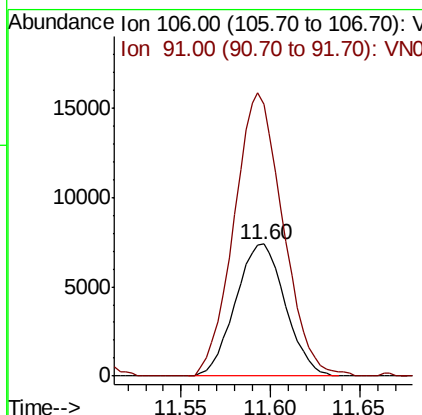
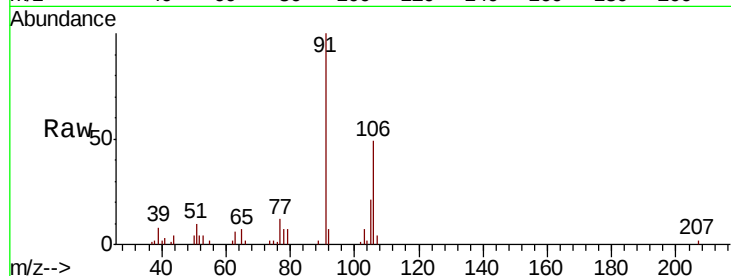




#68  
m/p-Xylenes  
Concen: 2.070 ug/l  
RT: 11.60 min Scan# 3055  
Delta R.T. 0.00 min  
Lab File: VN061472.D  
Acq: 19 May 2020 10:03

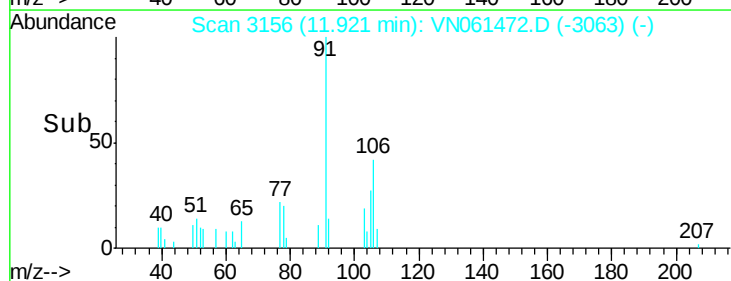
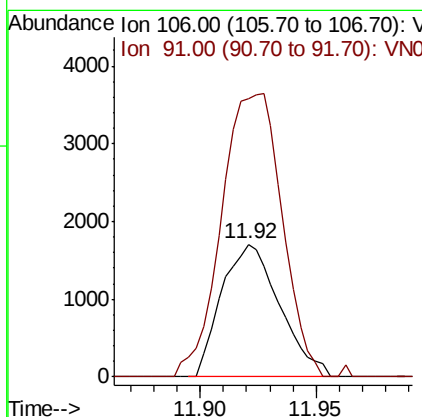
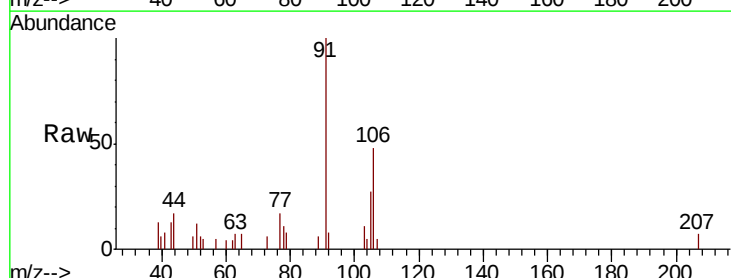
Instrument :  
MSVOA\_N  
ClientSampled :

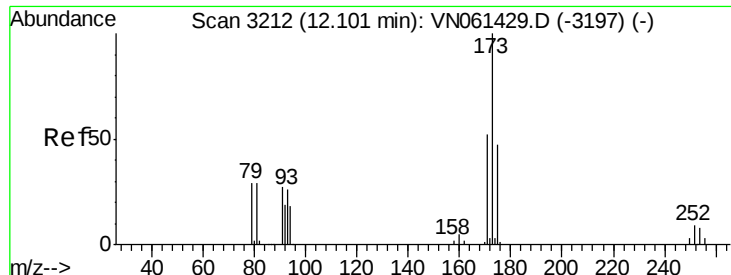
Tot Ion:106 Resp: 14323  
Ion Ratio Lower Upper  
106 100  
91 211.0 163.0 244.6



#69  
o-Xylene  
Concen: 0.444 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. -0.00 min  
Lab File: VN061472.D  
Acq: 19 May 2020 10:03

Tgt Ion:106 Resp: 2975  
Ion Ratio Lower Upper  
106 100  
91 222.4 107.9 323.7

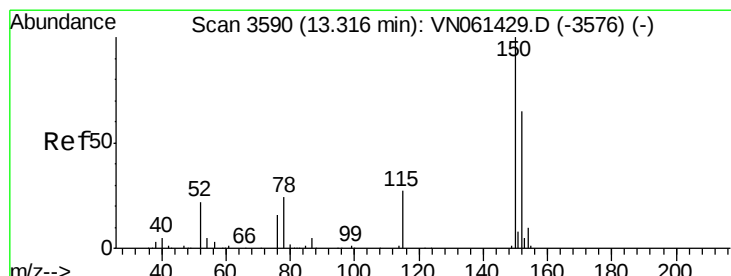
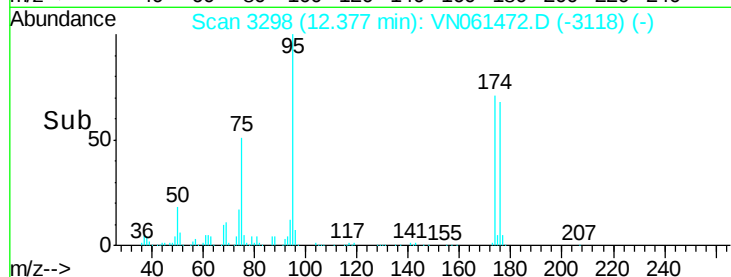
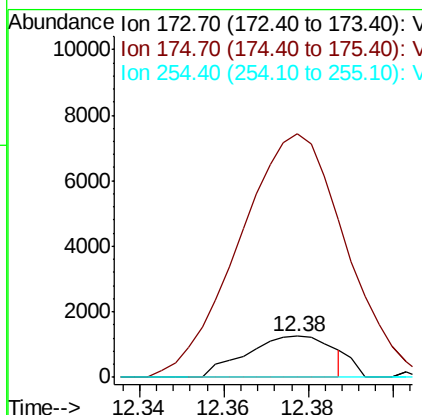
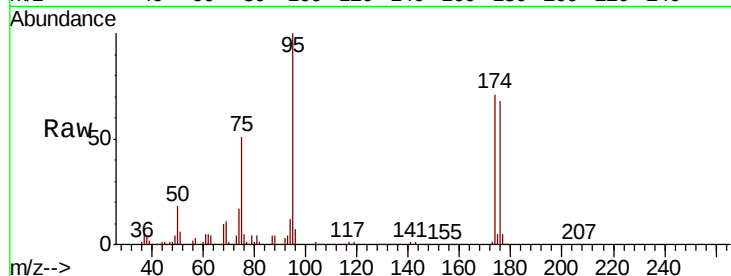




#71  
Bromoform  
Concen: 2.626 ug/l  
RT: 12.38 min Scan# 3298  
Delta R.T. 0.28 min  
Lab File: VN061472.D  
Acq: 19 May 2020 10:03

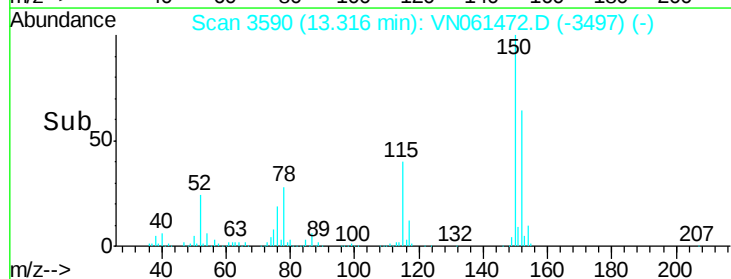
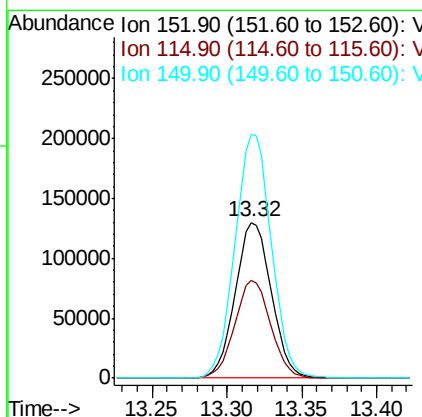
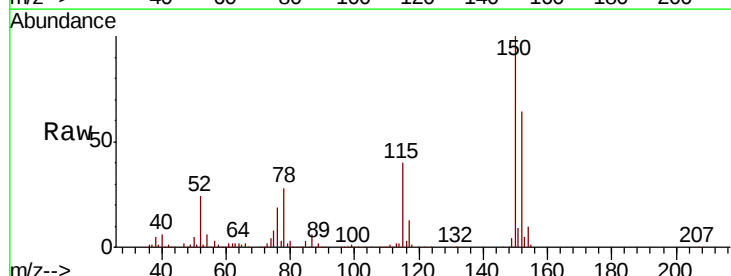
Instrument :  
MSVOA\_N  
ClientSampled :

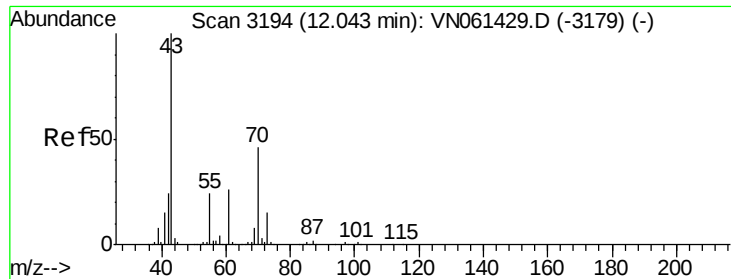
Tot Ion:173 Resp: 1757  
Ion Ratio Lower Upper  
173 100  
175 638.9 23.9 71.8#  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3590  
Delta R.T. -0.00 min  
Lab File: VN061472.D  
Acq: 19 May 2020 10:03

Tgt Ion:152 Resp: 218523  
Ion Ratio Lower Upper  
152 100  
115 62.5 30.9 92.5  
150 158.2 0.0 349.2





#74

N-amvl acetate

Concen: 0.638 ug/l

RT: 12.00 min Scan# 3182

Delta R.T. -0.04 min

Lab File: VN061472.D

Acq: 19 May 2020 10:03

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 43 Resp: 4095

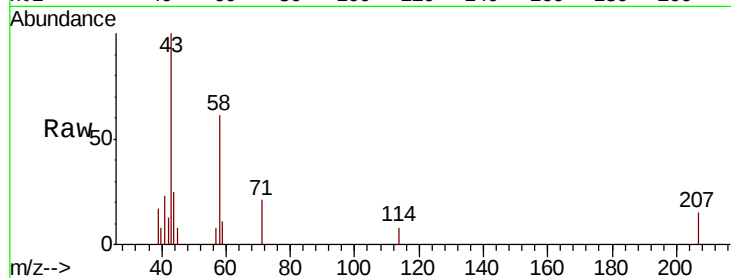
Ion Ratio Lower Upper

43 100

70 0.0 37.0 55.4#

55 3.2 19.5 29.3#

61 0.0 20.8 31.2#

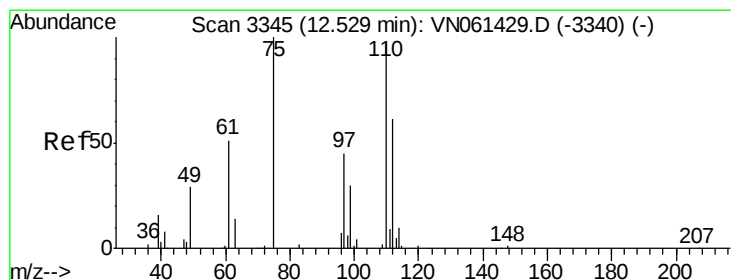
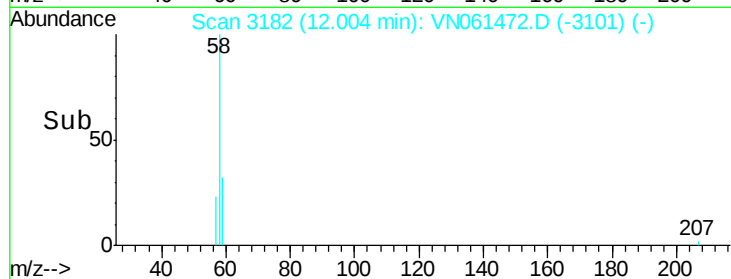
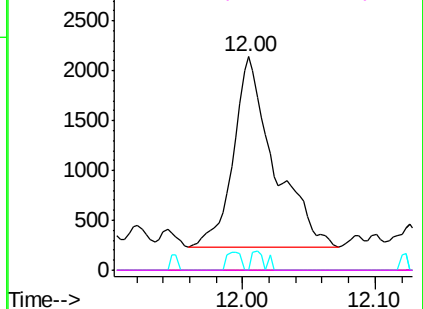


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 27.134 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN061472.D

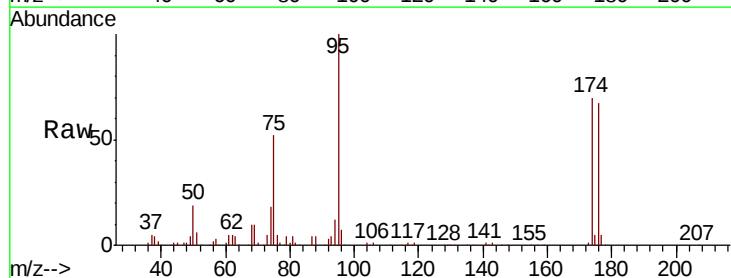
Acq: 19 May 2020 10:03

Tgt Ion: 75 Resp: 127230

Ion Ratio Lower Upper

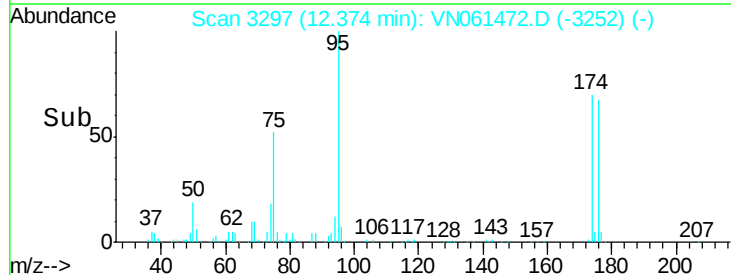
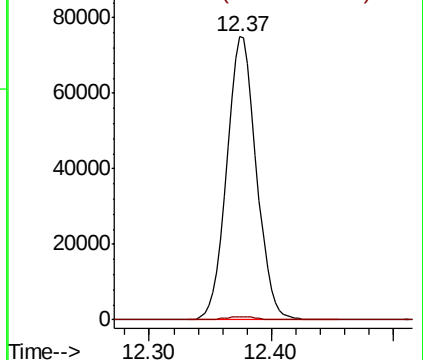
75 100

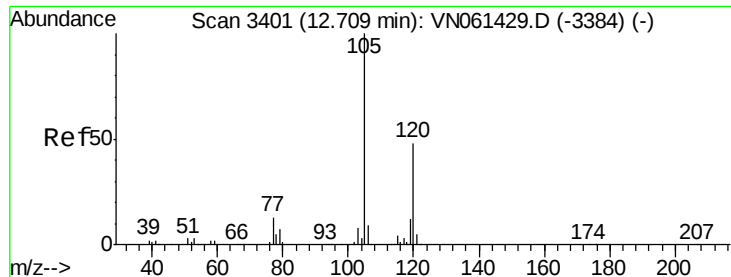
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

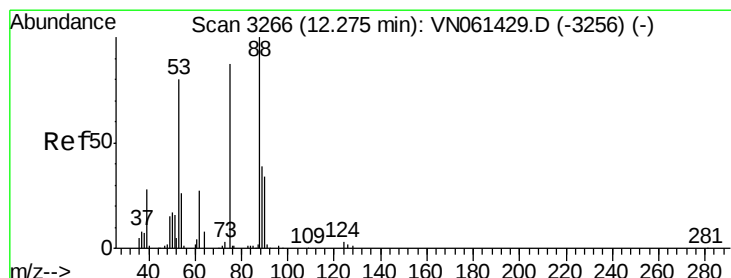
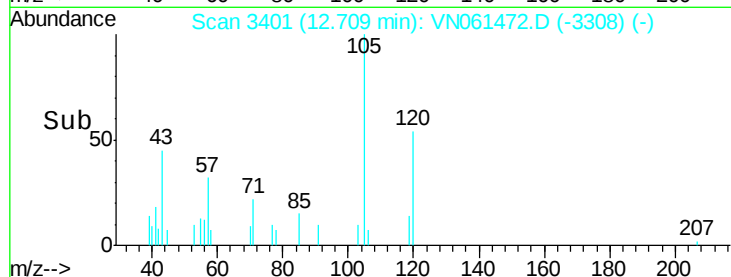
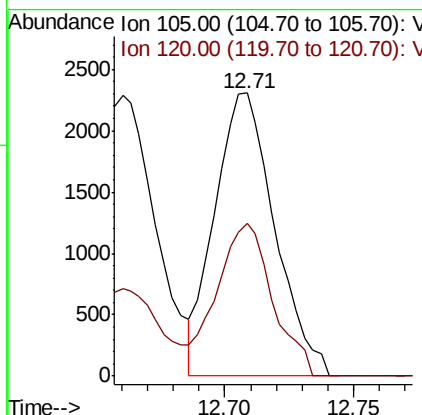
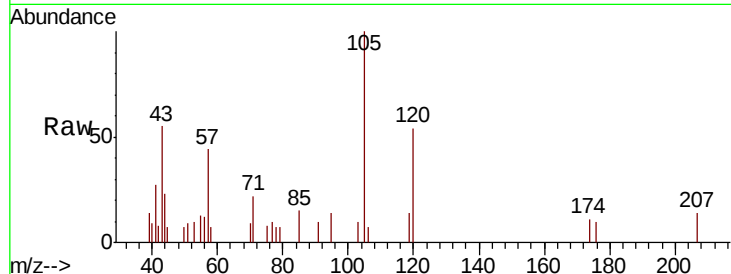




#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.260 ug/l  
 RT: 12.71 min Scan# 3401  
 Delta R.T. -0.00 min  
 Lab File: VN061472.D  
 Acq: 19 May 2020 10:03

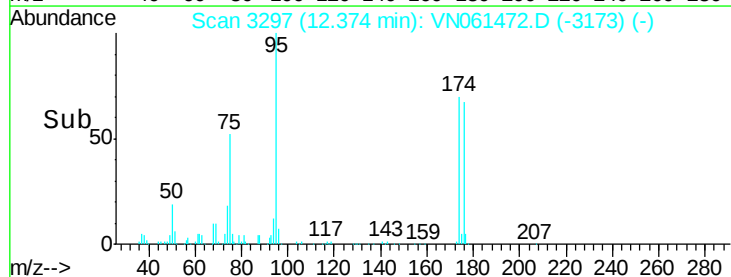
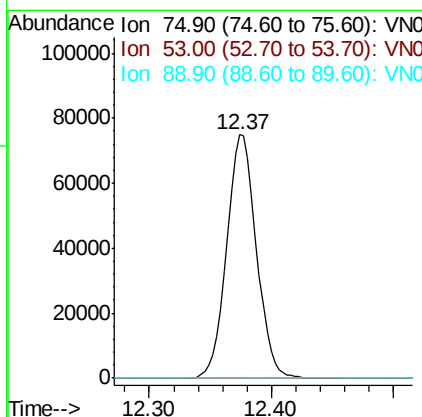
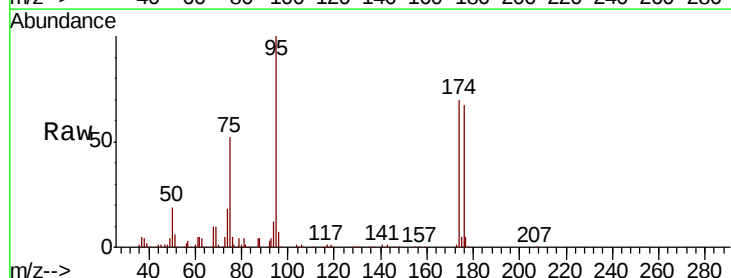
Instrument :  
 MSVOA\_N  
 ClientSampled :

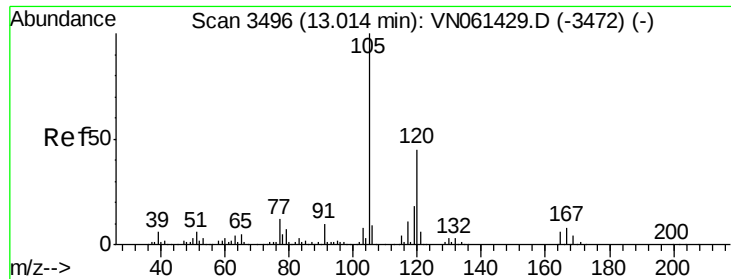
Tot Ion:105 Resp: 3735  
 Ion Ratio Lower Upper  
 105 100  
 120 51.2 24.1 72.4



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 71.980 ug/l  
 RT: 12.37 min Scan# 3297  
 Delta R.T. 0.10 min  
 Lab File: VN061472.D  
 Acq: 19 May 2020 10:03

Tgt Ion: 75 Resp: 127230  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 75.2 112.8#  
 89 0.0 38.2 57.4#

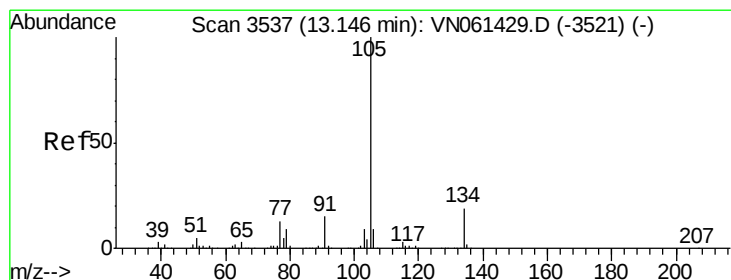
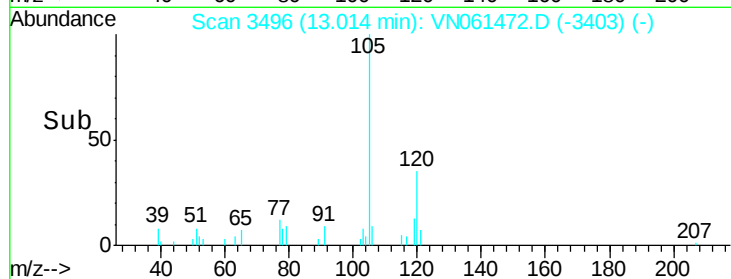
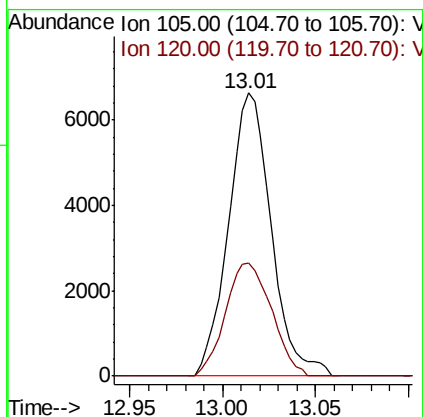
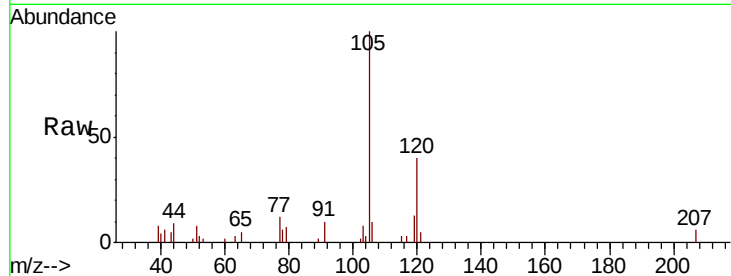




#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.738 ug/l  
 RT: 13.01 min Scan# 3496  
 Delta R.T. -0.00 min  
 Lab File: VN061472.D  
 Acq: 19 May 2020 10:03

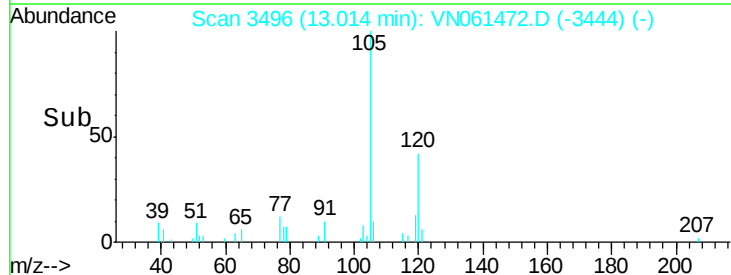
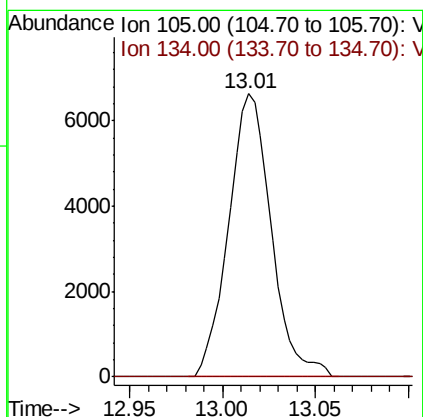
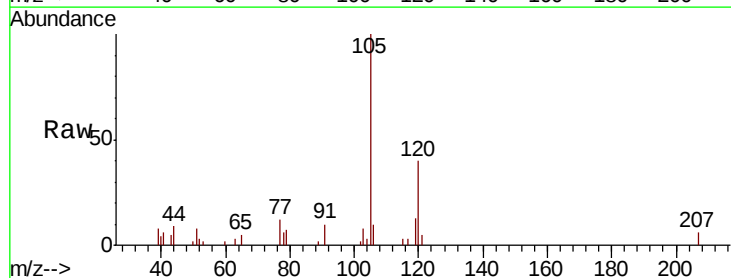
Instrument :  
 MSVOA\_N  
 ClientSampled :

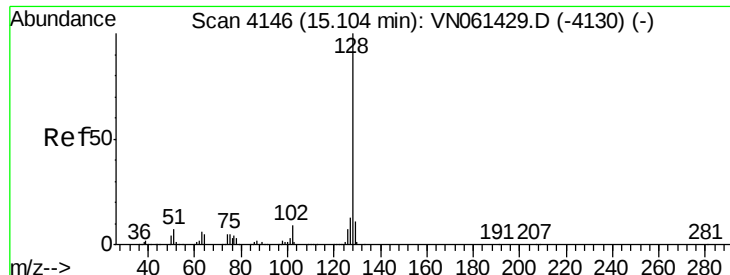
Tot Ion:105 Resp: 10607  
 Ion Ratio Lower Upper  
 105 100  
 120 43.1 22.4 67.3



#85  
 sec-Butylbenzene  
 Concen: 0.638 ug/l  
 RT: 13.01 min Scan# 3496  
 Delta R.T. -0.13 min  
 Lab File: VN061472.D  
 Acq: 19 May 2020 10:03

Tgt Ion:105 Resp: 10607  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 9.8 29.5#





#95

Naphthalene

Concen: 1.779 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

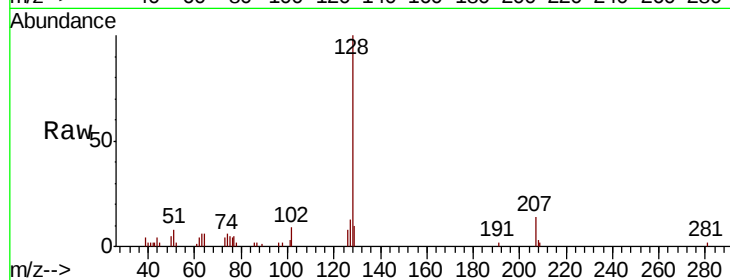
Lab File: VN061472.D

Acq: 19 May 2020 10:03

Instrument :

MSVOA\_N

ClientSampleId :



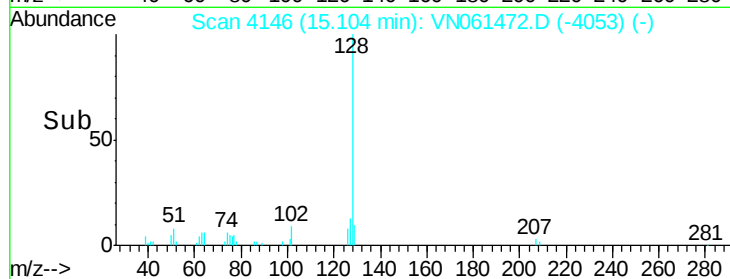
Tot Ion:128 Resp: 20495

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

