

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\  
 Data File : VN064492.D  
 Acq On : 6 Nov 2020 18:51  
 Operator : JC/MD  
 Sample : L4651-01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB-2020-WS-000-03

Quant Time: Nov 07 03:51:51 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 04 12:09:03 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 244977   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 529054   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 561044   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 203401   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 244537   | 57.31 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 114.62% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 176948   | 49.12 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.24%  |      |
| 50) Toluene-d8            | 10.06  | 98  | 680478   | 48.88 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.76%  |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 261708   | 49.71 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.42%  |      |

## Target Compounds

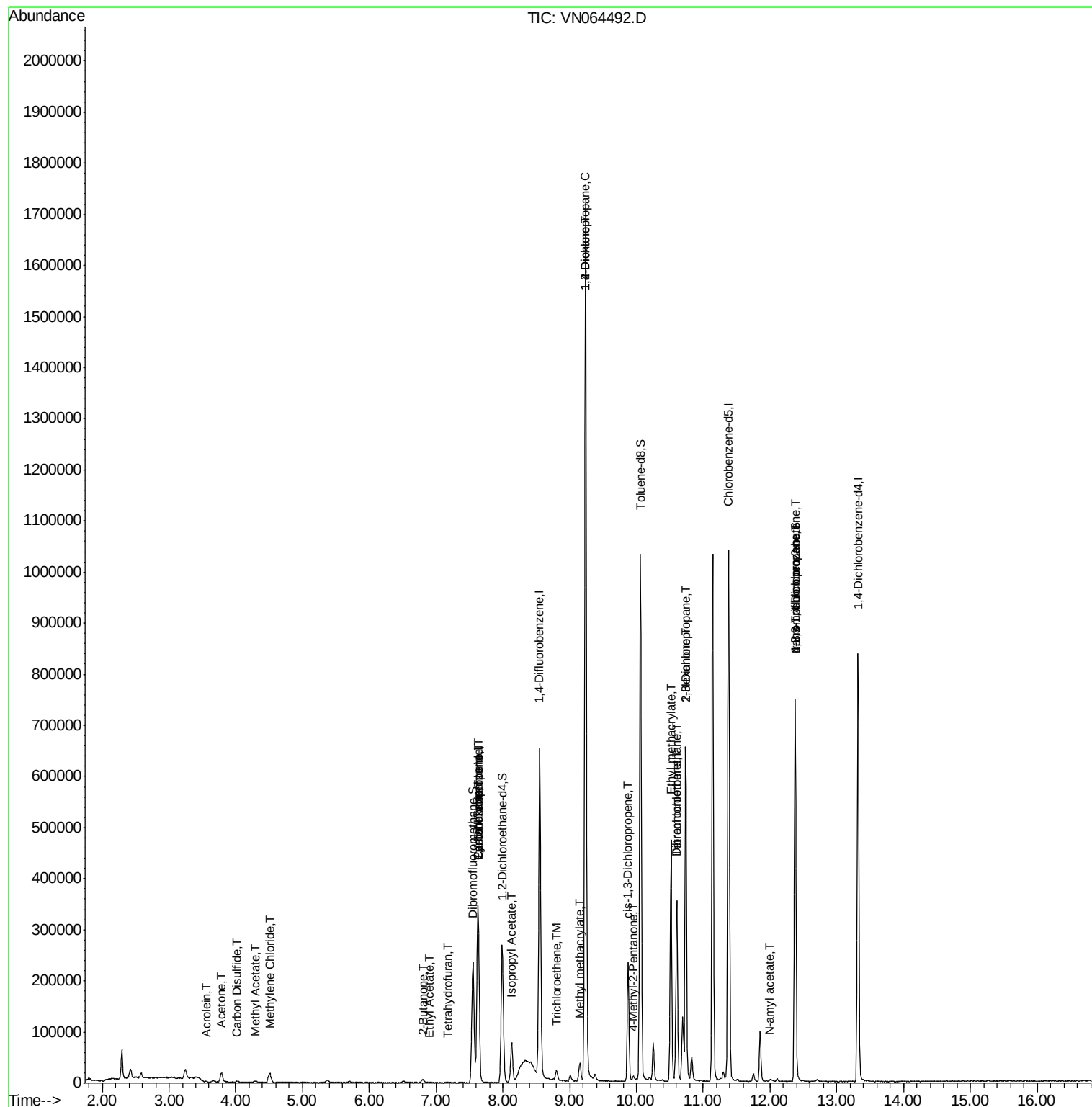
|                                |       |     |        |        |        | Qvalue |
|--------------------------------|-------|-----|--------|--------|--------|--------|
| 13) Acrolein                   | 3.57  | 56  | 367    | 1.257  | ug/l # | 74     |
| 16) Acetone                    | 3.78  | 43  | 32091  | 19.743 | ug/l   | 94     |
| 17) Carbon Disulfide           | 4.01  | 76  | 3528   | 0.450  | ug/l # | 76     |
| 18) Methyl Acetate             | 4.29  | 43  | 6142   | 1.922  | ug/l   | 98     |
| 20) Methylene Chloride         | 4.51  | 84  | 12739  | 3.950  | ug/l   | 95     |
| 25) 2-Butanone                 | 6.80  | 43  | 4601   | 2.222  | ug/l # | 88     |
| 29) Tetrahydrofuran            | 7.18  | 42  | 406    | 0.320  | ug/l # | 37     |
| 31) Cyclohexane                | 7.63  | 56  | 7417   | 1.430  | ug/l # | 22     |
| 36) 1,1-Dichloropropene        | 7.62  | 75  | 24063  | 4.305  | ug/l # | 50     |
| 37) Ethyl Acetate              | 6.89  | 43  | 286    | 0.812  | ug/l # | 71     |
| 38) Carbon Tetrachloride       | 7.62  | 117 | 29590  | 4.954  | ug/l # | 17     |
| 43) Isopropyl Acetate          | 8.13  | 43  | 95732  | 10.569 | ug/l   | 97     |
| 44) Trichloroethene            | 8.80  | 130 | 6678   | 1.612  | ug/l   | 89     |
| 45) 1,2-Dichloropropane        | 9.24  | 63  | 2146   | 0.490  | ug/l # | 45     |
| 48) Methyl methacrylate        | 9.14  | 41  | 5832   | 1.276  | ug/l # | 15     |
| 49) 1,4-Dioxane                | 9.24  | 88  | 243    | 4.037  | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 9.96  | 43  | 8761   | 1.659  | ug/l # | 87     |
| 54) cis-1,3-Dichloropropene    | 9.88  | 75  | 35805  | 5.092  | ug/l # | 67     |
| 56) Ethyl methacrylate         | 10.52 | 69  | 3133   | 2.311  | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 10.74 | 76  | 6446   | 0.945  | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.74 | 43  | 102749 | 27.499 | ug/l # | 54     |
| 60) Dibromochloromethane       | 10.60 | 129 | 63274  | 14.467 | ug/l # | 10     |
| 64) Tetrachloroethene          | 10.60 | 164 | 61598  | 14.253 | ug/l   | 97     |
| 74) N-ethyl acetate            | 12.00 | 43  | 3599   | 1.662  | ug/l # | 49     |
| 76) 1,2,3-Trichloropropane     | 12.38 | 75  | 148246 | 30.081 | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75  | 148246 | 83.989 | ug/l # | 8      |

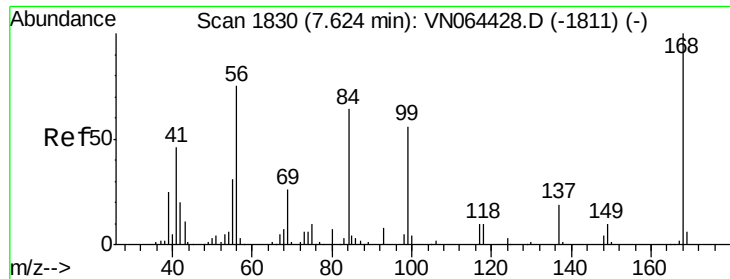
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Nov 04 12:09:03 2020  
Response via : Initial Calibration

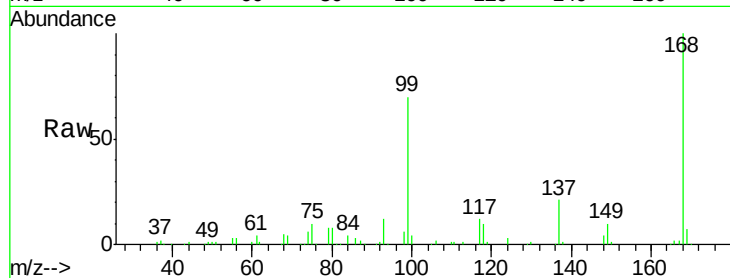




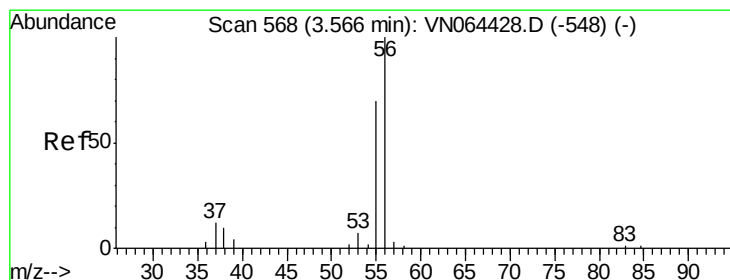
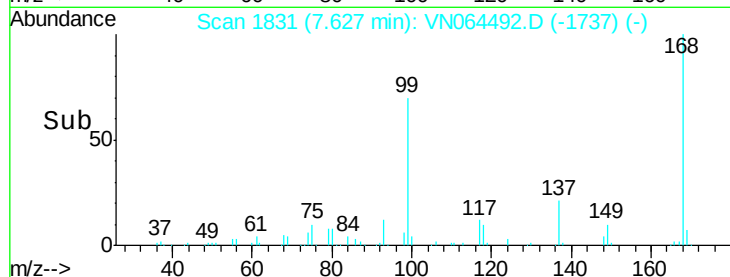
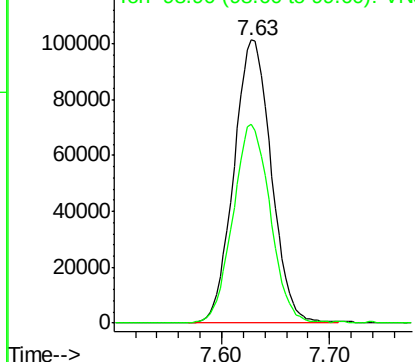
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.63 min Scan# 1831  
Delta R.T. 0.00 min  
Lab File: VN064492.D  
Acq: 6 Nov 2020 18:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB-2020-WS-000-03

Tot Ion:168 Resp: 244977  
Ion Ratio Lower Upper  
168 100  
99 70.5 53.4 80.2

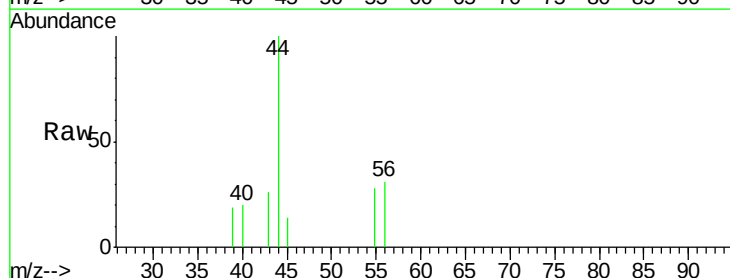


Abundance Ion 167.90 (167.60 to 168.60): V  
Ion 98.90 (98.60 to 99.60): VNO

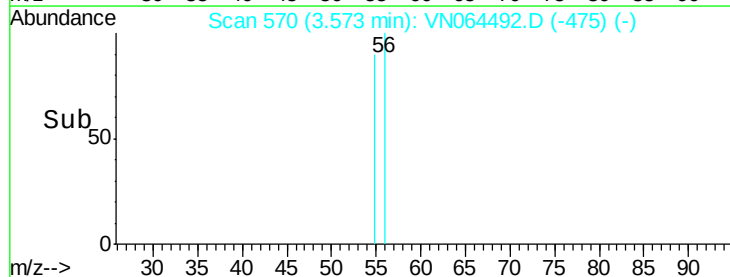
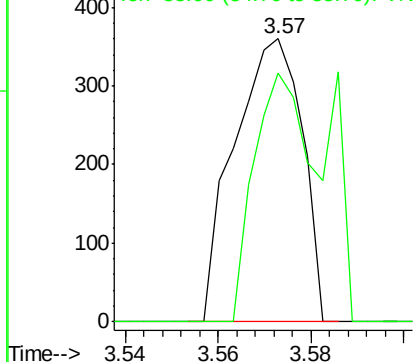


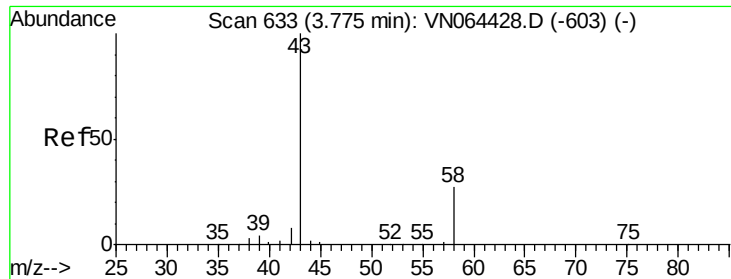
#13  
Acrolein  
Concen: 1.257 ug/l  
RT: 3.57 min Scan# 570  
Delta R.T. 0.01 min  
Lab File: VN064492.D  
Acq: 6 Nov 2020 18:51

Tgt Ion: 56 Resp: 367  
Ion Ratio Lower Upper  
56 100  
55 91.3 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VNO  
Ion 55.00 (54.70 to 55.70): VNO

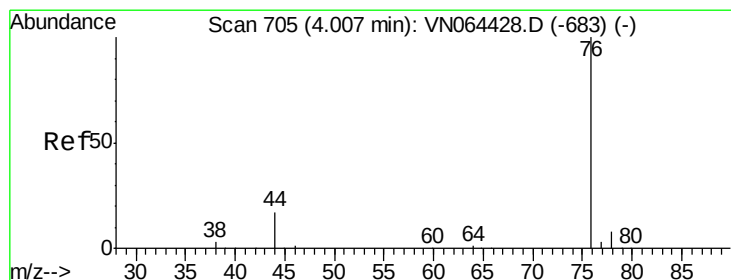
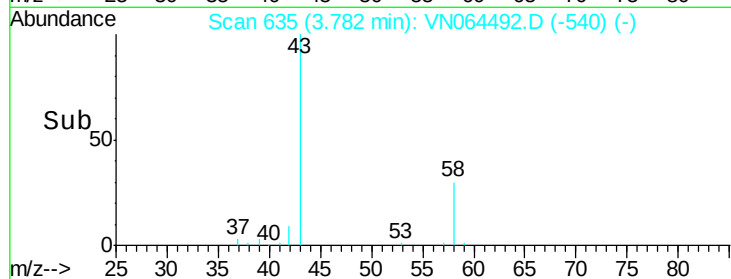
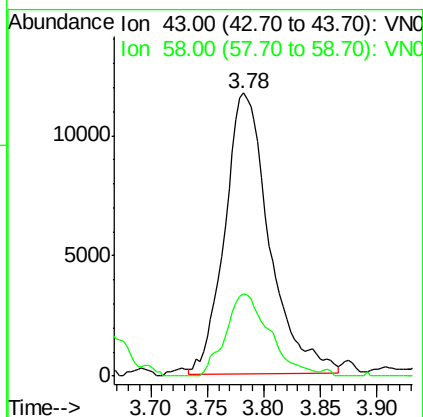
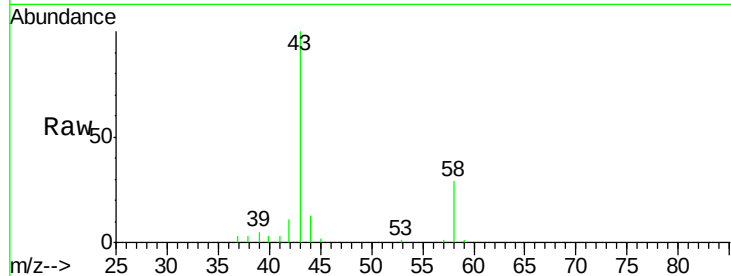




#16  
Acetone  
Concen: 19.743 ug/l  
RT: 3.78 min Scan# 635  
Delta R.T. 0.01 min  
Lab File: VN064492.D  
Acq: 6 Nov 2020 18:51

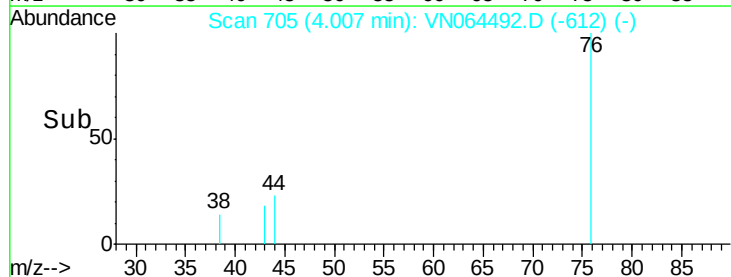
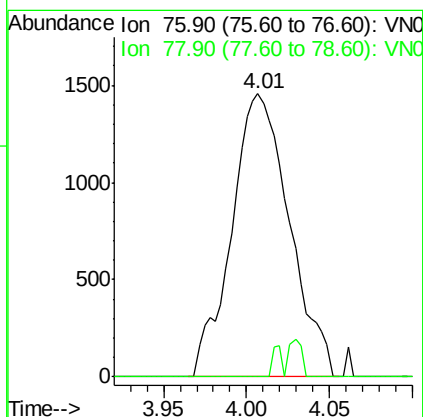
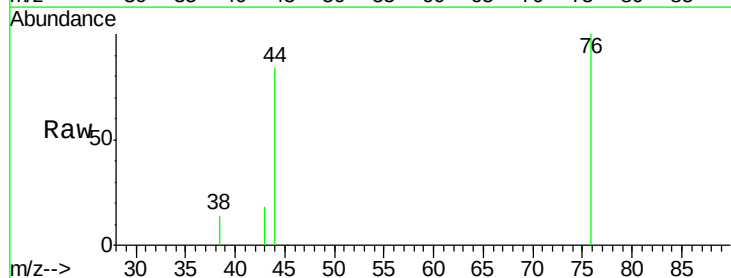
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB-2020-WS-000-03

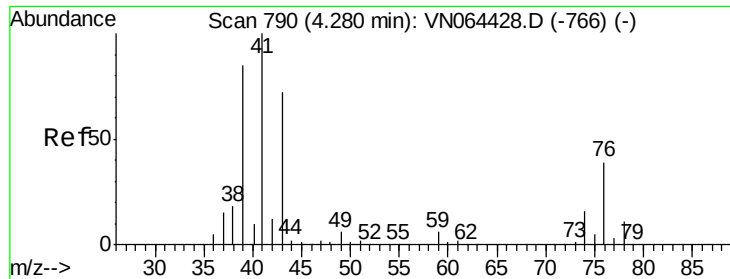
Tot Ion: 43 Resp: 32091  
Ion Ratio Lower Upper  
43 100  
58 29.9 21.4 32.0



#17  
Carbon Disulfide  
Concen: 0.450 ug/l  
RT: 4.01 min Scan# 705  
Delta R.T. 0.00 min  
Lab File: VN064492.D  
Acq: 6 Nov 2020 18:51

Tgt Ion: 76 Resp: 3528  
Ion Ratio Lower Upper  
76 100  
78 0.0 6.8 10.2#

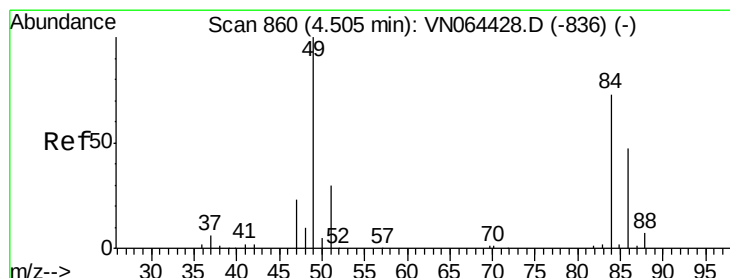
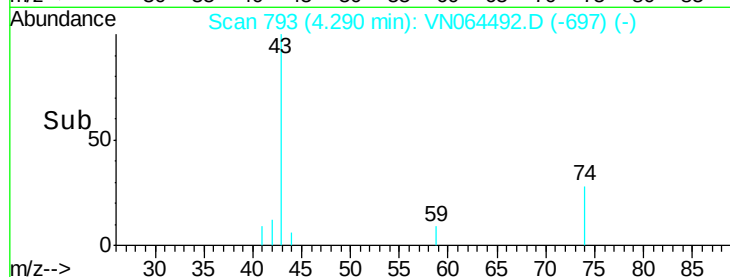
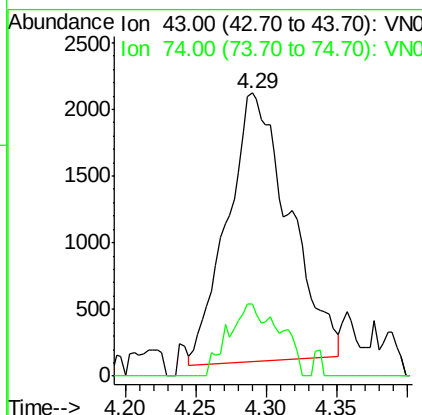
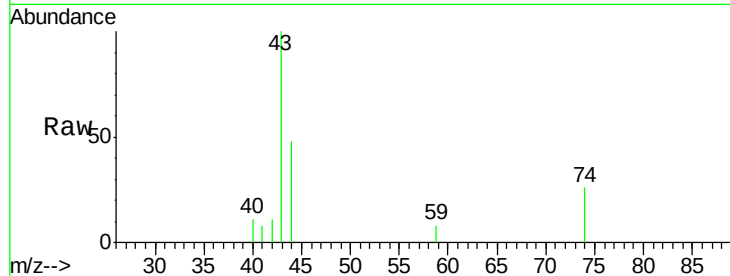




#18  
Methvl Acetate  
Concen: 1.922 ug/l  
RT: 4.29 min Scan# 793  
Delta R.T. 0.01 min  
Lab File: VN064492.D  
Acq: 6 Nov 2020 18:51

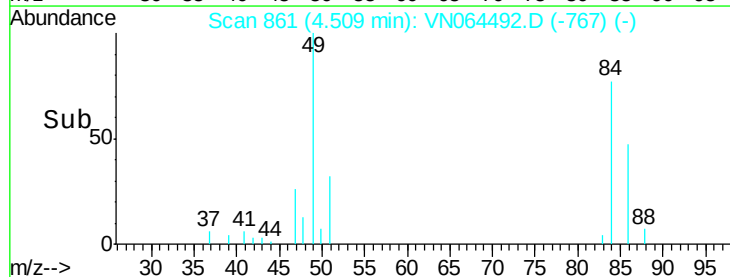
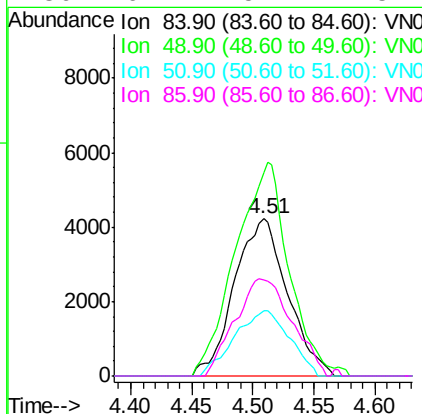
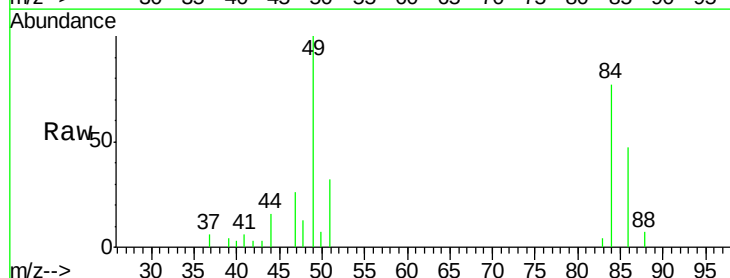
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB-2020-WS-000-03

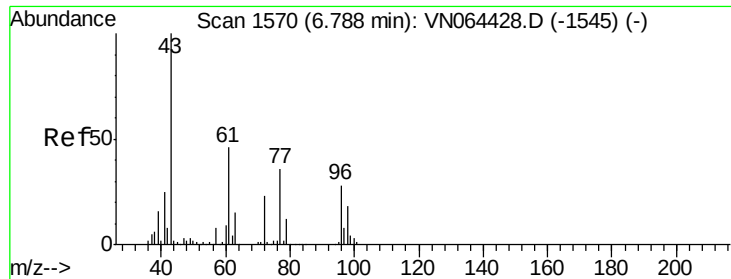
Tot Ion: 43 Resp: 6142  
Ion Ratio Lower Upper  
43 100  
74 22.2 17.0 25.4



#20  
Methylene Chloride  
Concen: 3.950 ug/l  
RT: 4.51 min Scan# 861  
Delta R.T. 0.00 min  
Lab File: VN064492.D  
Acq: 6 Nov 2020 18:51

Tgt Ion: 84 Resp: 12739  
Ion Ratio Lower Upper  
84 100  
49 129.6 110.1 165.1  
51 41.2 33.6 50.4  
86 61.2 52.1 78.1





#25

2-Butanone

Concen: 2.222 ug/l

RT: 6.80 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN064492.D

Acq: 6 Nov 2020 18:51

Instrument :

MSVOA\_N

ClientSampleId :

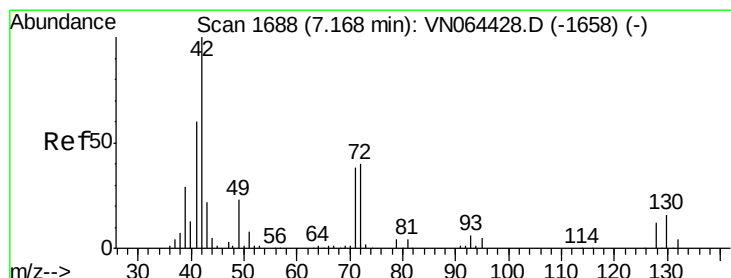
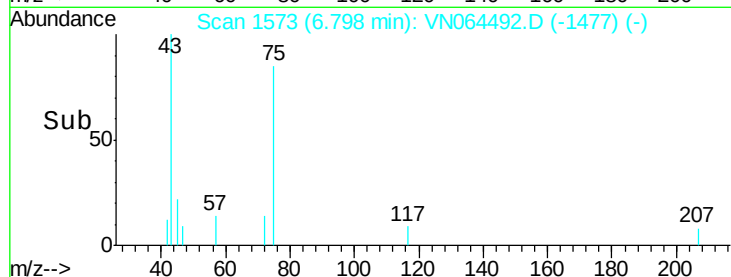
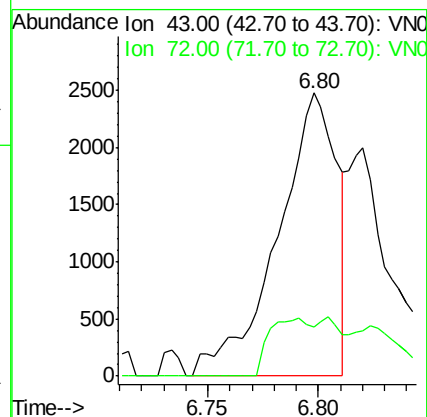
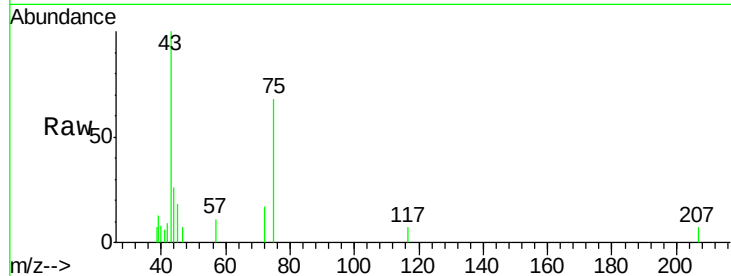
PB-2020-WS-000-03

Tot Ion: 43 Resp: 4601

Ion Ratio Lower Upper

43 100

72 17.3 18.5 27.7#



#29

Tetrahydrofuran

Concen: 0.320 ug/l

RT: 7.18 min Scan# 1691

Delta R.T. 0.01 min

Lab File: VN064492.D

Acq: 6 Nov 2020 18:51

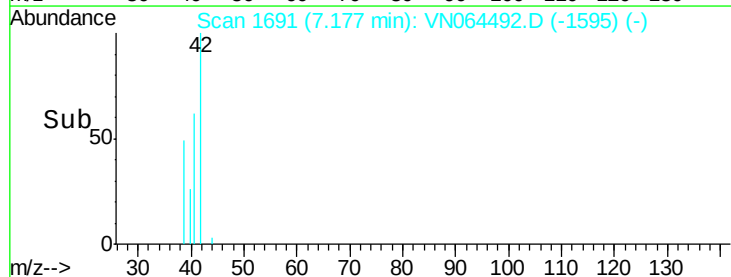
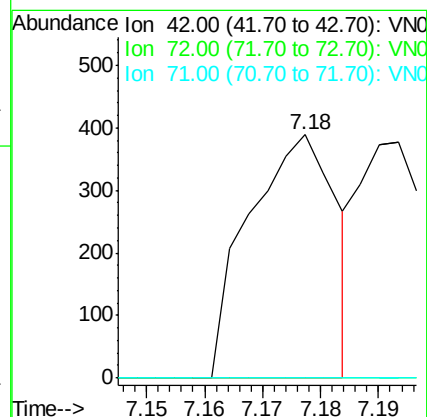
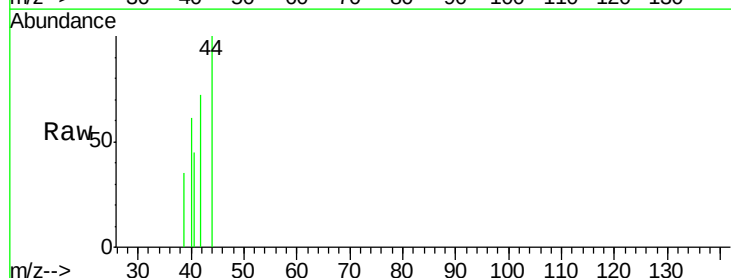
Tgt Ion: 42 Resp: 406

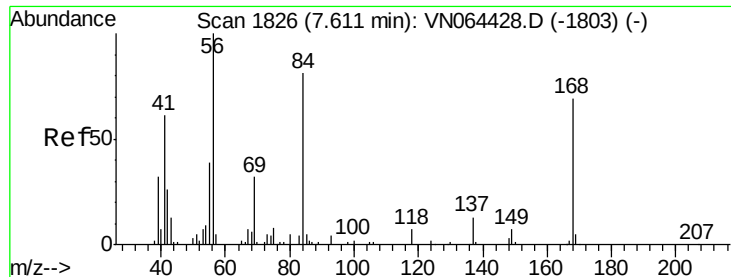
Ion Ratio Lower Upper

42 100

72 0.0 31.7 47.5#

71 0.0 29.8 44.6#

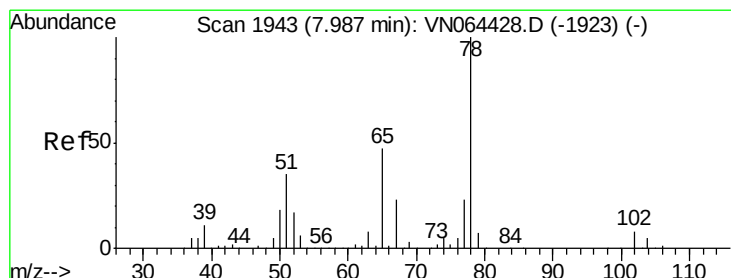
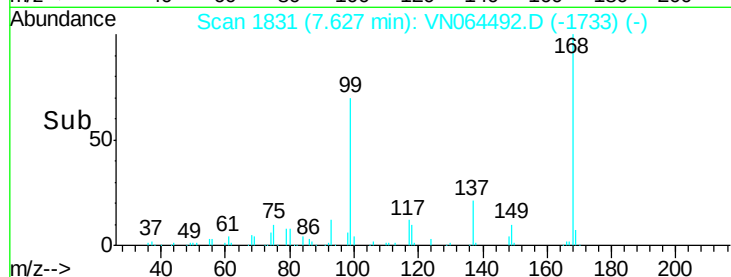
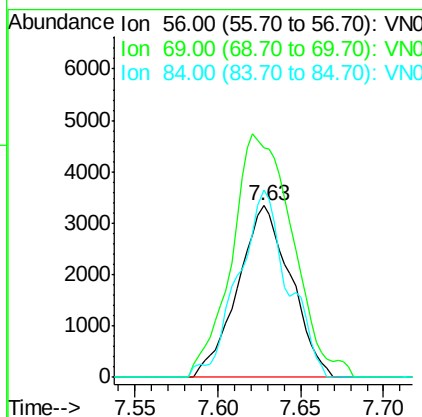
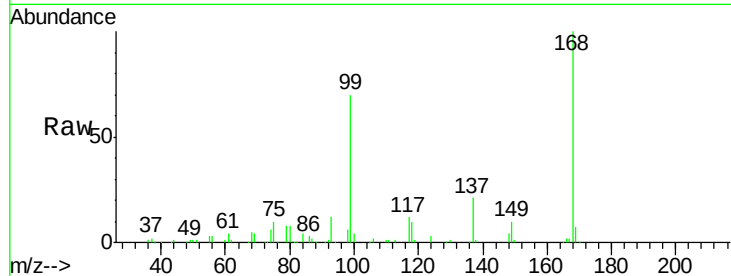




#31  
Cyclohexane  
Concen: 1.430 ug/l  
RT: 7.63 min Scan# 1831  
Delta R.T. 0.02 min  
Lab File: VN064492.D  
Acq: 6 Nov 2020 18:51

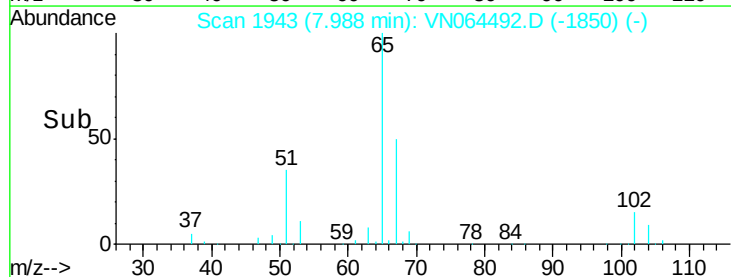
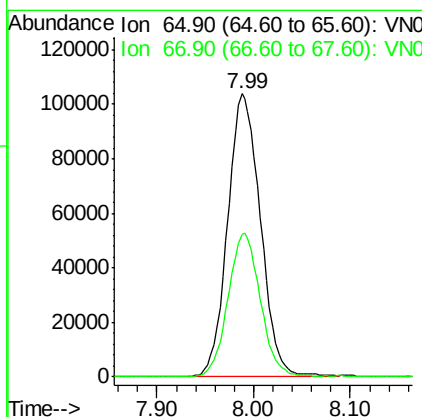
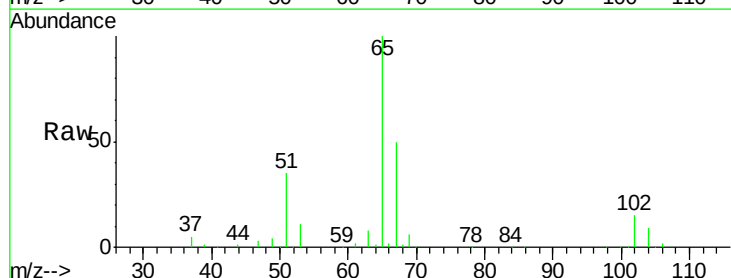
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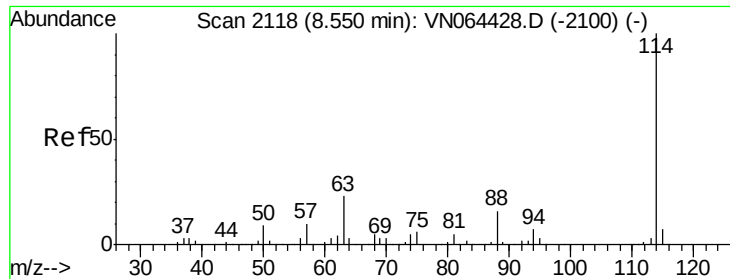
Tot Ion: 56 Resp: 7417  
Ion Ratio Lower Upper  
56 100  
69 134.0 25.6 38.4#  
84 109.3 63.0 94.6#



#33  
1,2-Dichloroethane-d4  
Concen: 57.307 ug/l  
RT: 7.99 min Scan# 1943  
Delta R.T. 0.00 min  
Lab File: VN064492.D  
Acq: 6 Nov 2020 18:51

Tgt Ion: 65 Resp: 244537  
Ion Ratio Lower Upper  
65 100  
67 50.0 0.0 101.6

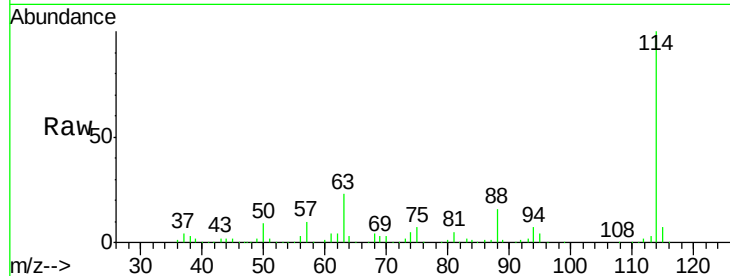




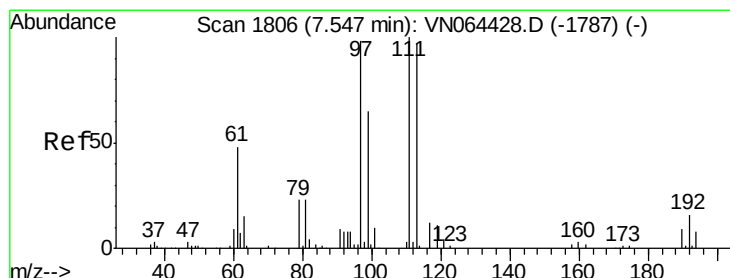
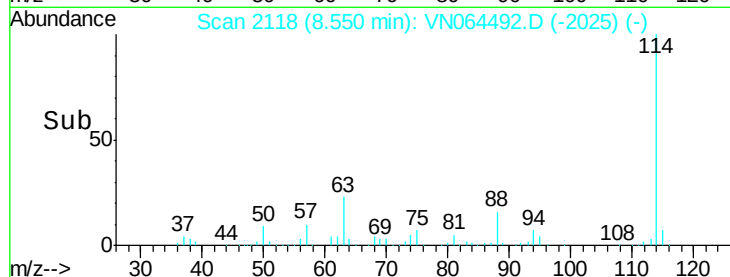
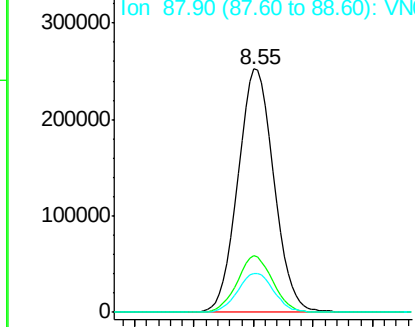
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.55 min Scan# 2118  
Delta R.T. 0.00 min  
Lab File: VN064492.D  
Acq: 6 Nov 2020 18:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tot Ion:114 Resp: 529054  
Ion Ratio Lower Upper  
114 100  
63 23.3 0.0 45.6  
88 15.8 0.0 32.8

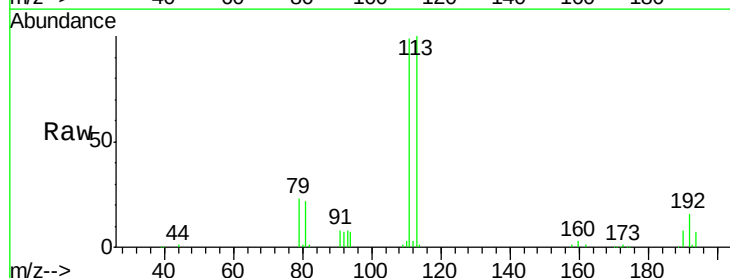


Abundance Ion 113.90 (113.60 to 114.60): V  
Ion 63.00 (62.70 to 63.70): VN  
Ion 87.90 (87.60 to 88.60): VN

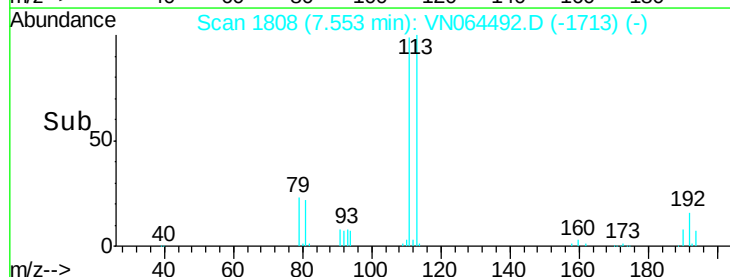
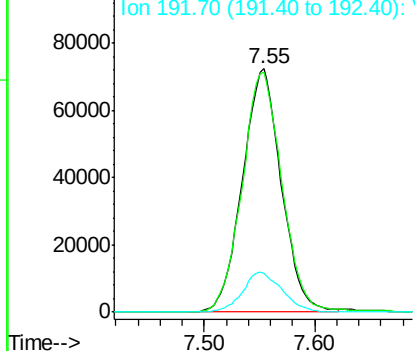


#35  
Dibromofluoromethane  
Concen: 49.123 ug/l  
RT: 7.55 min Scan# 1808  
Delta R.T. 0.01 min  
Lab File: VN064492.D  
Acq: 6 Nov 2020 18:51

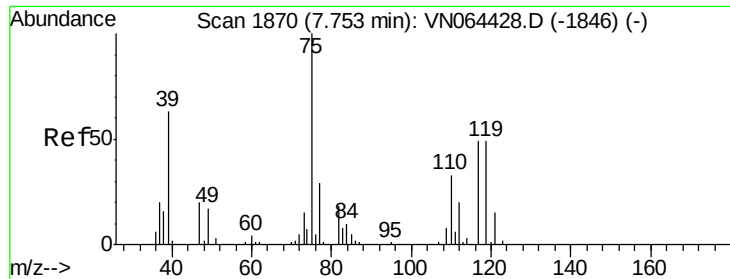
Tgt Ion:113 Resp: 176948  
Ion Ratio Lower Upper  
113 100  
111 101.2 81.1 121.7  
192 16.7 12.8 19.2



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: 4.305 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN064492.D

Acq: 6 Nov 2020 18:51

Instrument :

MSVOA\_N

ClientSampleId :

PB-2020-WS-000-03

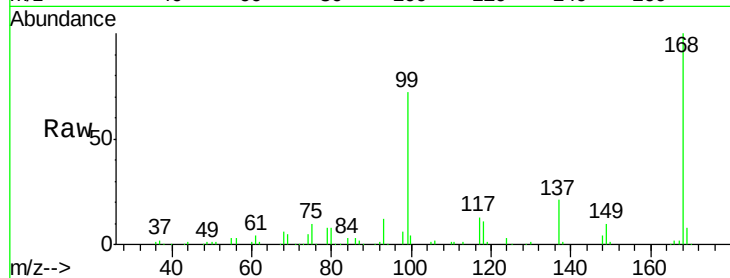
Tot Ion: 75 Resp: 24063

Ion Ratio Lower Upper

75 100

110 6.5 16.0 48.0#

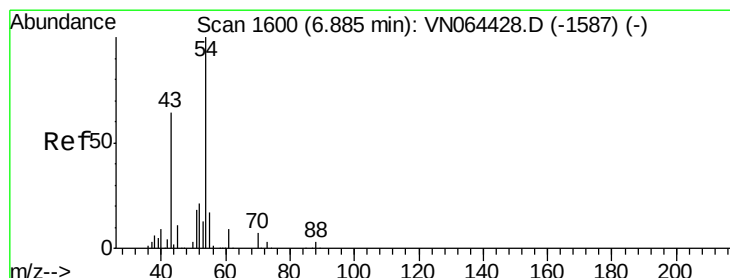
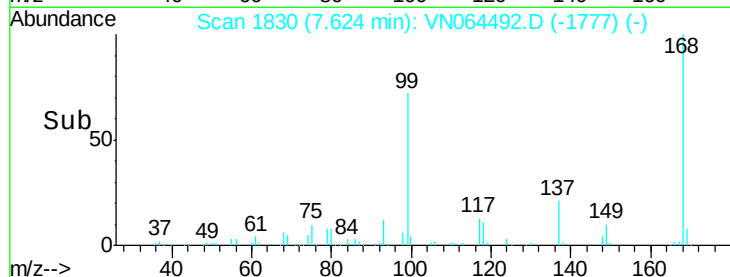
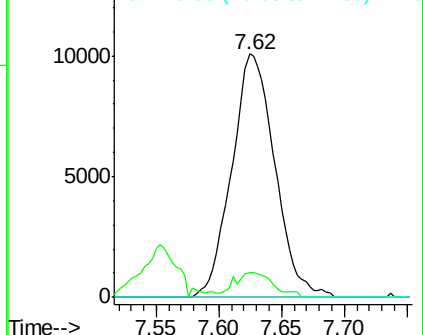
77 0.0 24.0 36.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 0.812 ug/l

RT: 6.89 min Scan# 1603

Delta R.T. 0.01 min

Lab File: VN064492.D

Acq: 6 Nov 2020 18:51

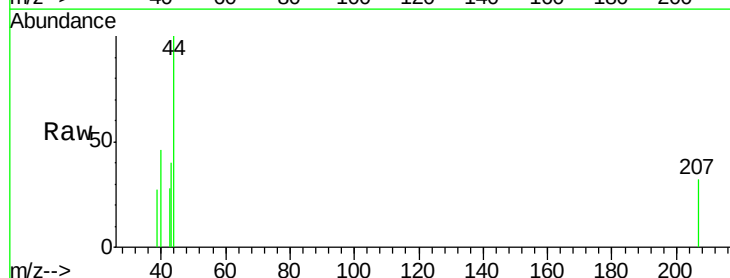
Tgt Ion: 43 Resp: 286

Ion Ratio Lower Upper

43 100

61 0.0 10.0 15.0#

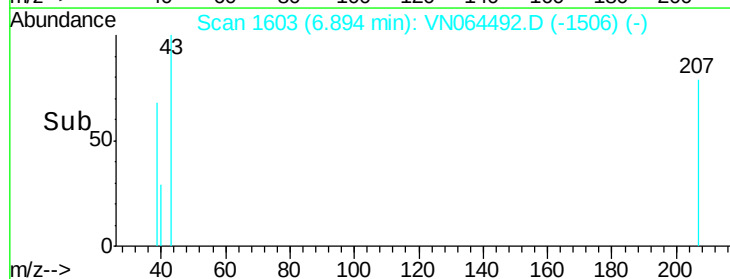
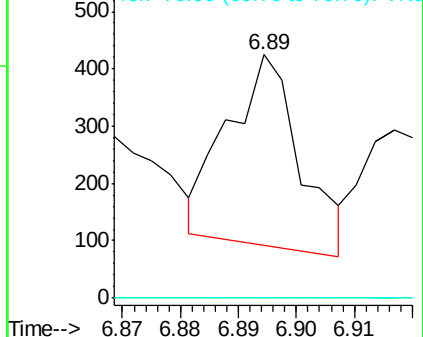
70 0.0 7.1 10.7#

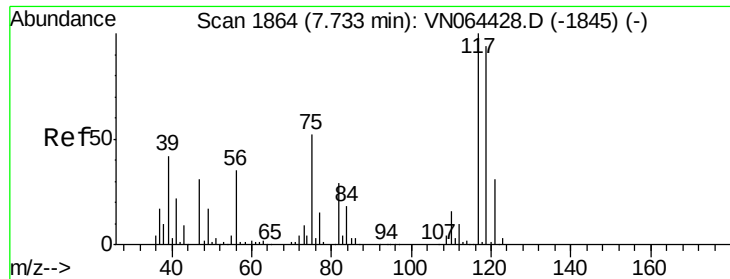


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 4.954 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064492.D

Acq: 6 Nov 2020 18:51

Instrument :

MSVOA\_N

ClientSampleId :

PB-2020-WS-000-03

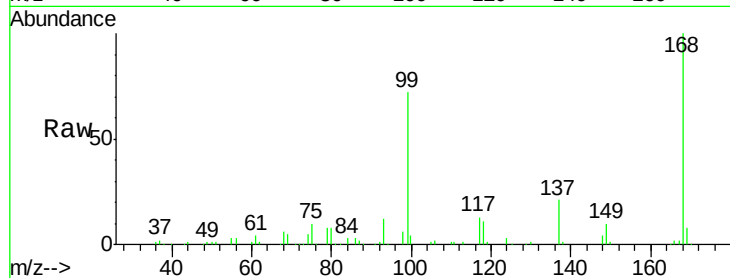
Tot Ion:117 Resp: 29590

Ion Ratio Lower Upper

117 100

119 5.1 75.5 113.3#

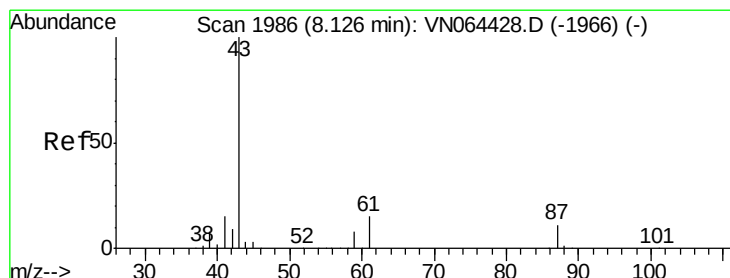
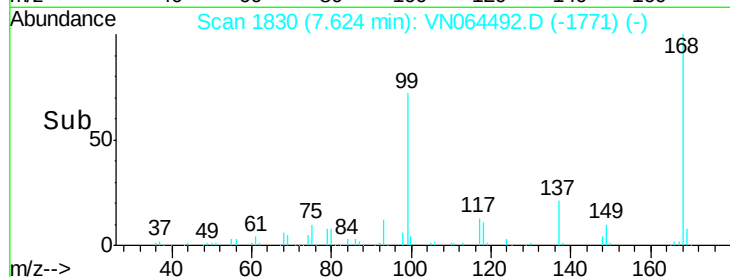
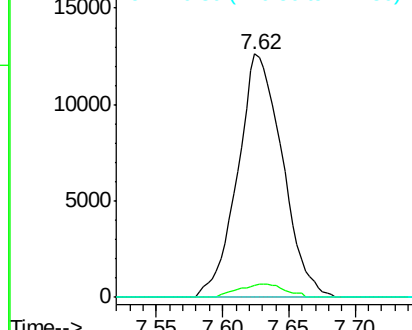
121 0.0 24.4 36.6#



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: 10.569 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VN064492.D

Acq: 6 Nov 2020 18:51

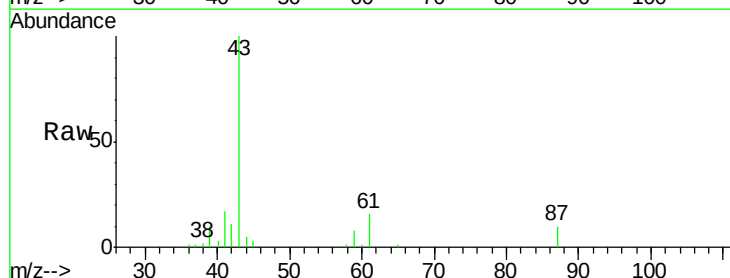
Tgt Ion: 43 Resp: 95732

Ion Ratio Lower Upper

43 100

61 15.8 14.0 21.0

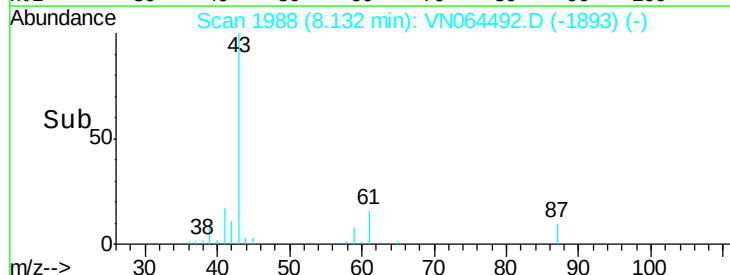
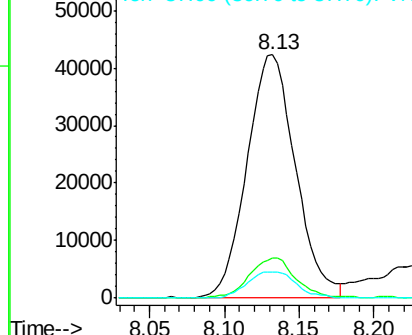
87 10.9 9.1 13.7

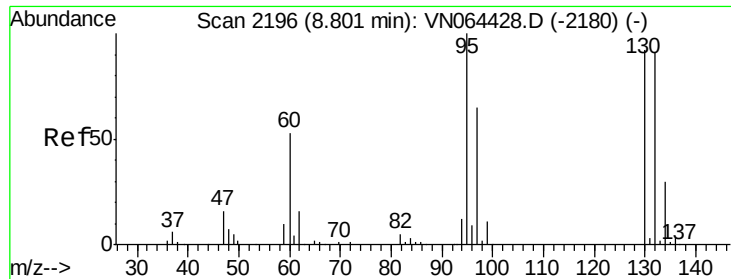


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#44

Trichloroethene

Concen: 1.612 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064492.D

Acq: 6 Nov 2020 18:51

Instrument :

MSVOA\_N

ClientSampleId :

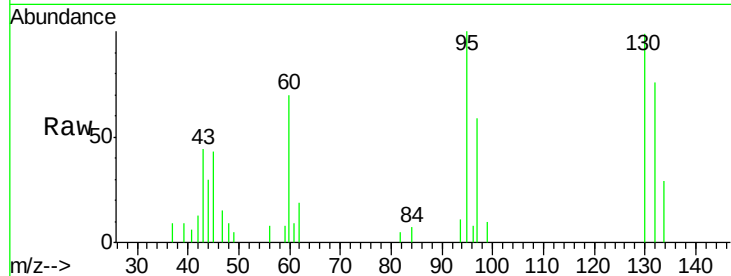
PB-2020-WS-000-03

Tot Ion:130 Resp: 6678

Ion Ratio Lower Upper

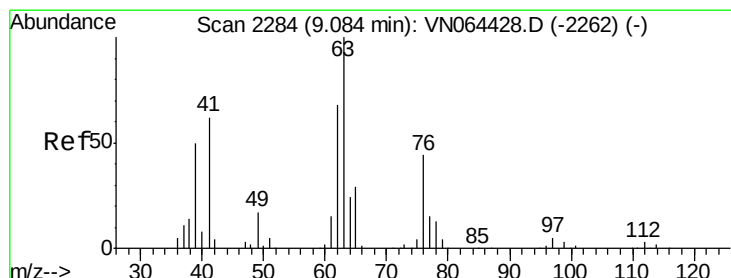
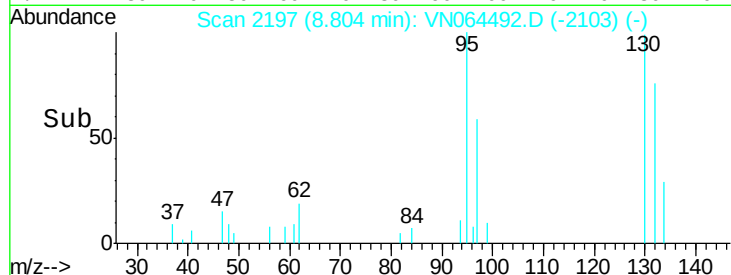
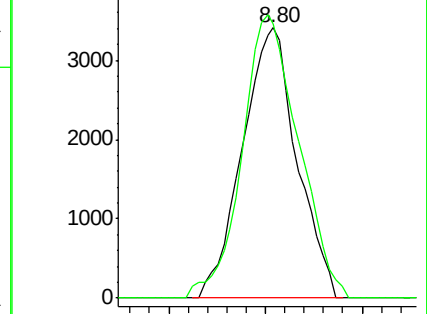
130 100

95 97.0 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#45

1,2-Dichloropropane

Concen: 0.490 ug/l

RT: 9.24 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN064492.D

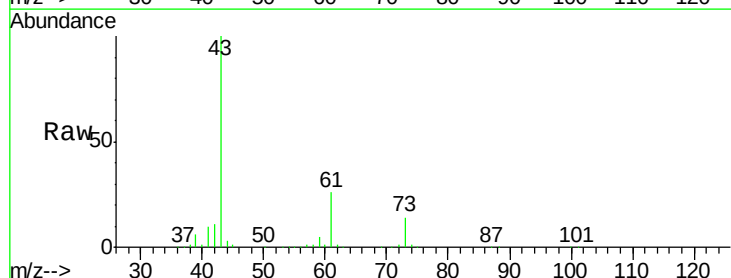
Acq: 6 Nov 2020 18:51

Tgt Ion: 63 Resp: 2146

Ion Ratio Lower Upper

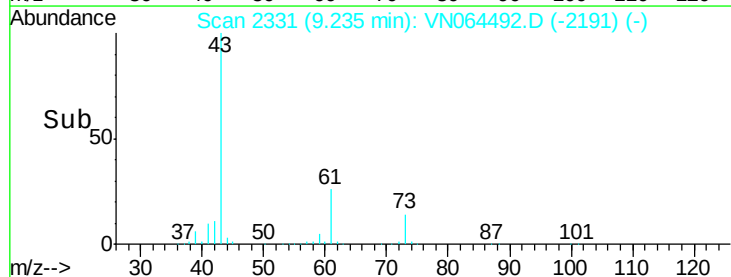
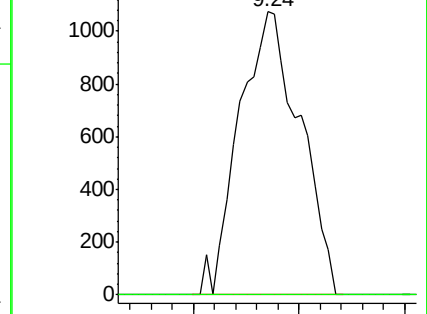
63 100

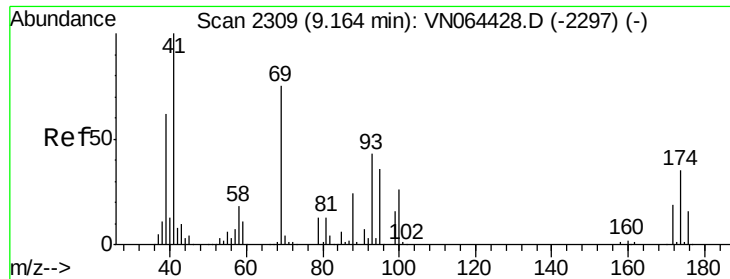
65 0.0 23.6 35.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

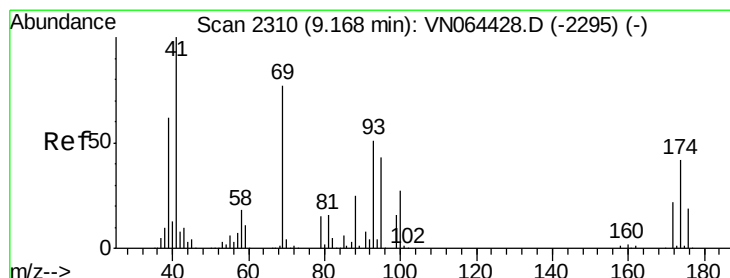
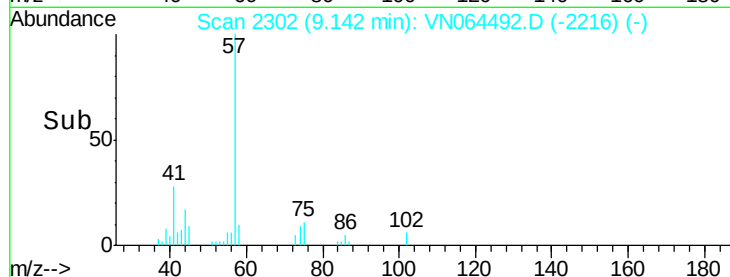
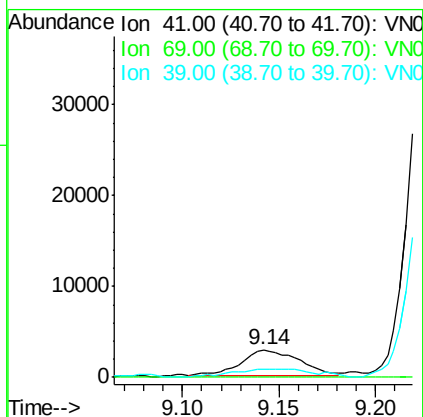
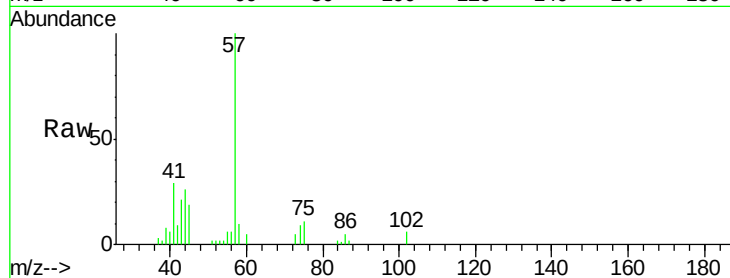




#48  
Methvl methacrylate  
Concen: 1.276 ug/l  
RT: 9.14 min Scan# 2302  
Delta R.T. -0.02 min  
Lab File: VN064492.D  
Acq: 6 Nov 2020 18:51

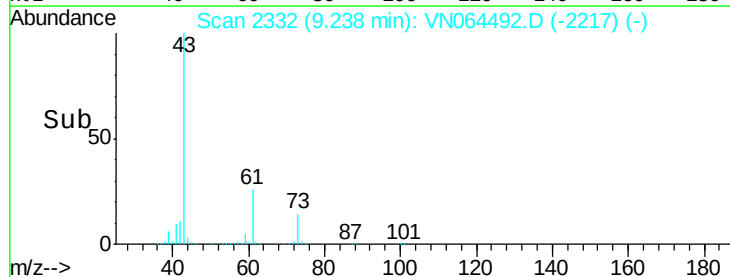
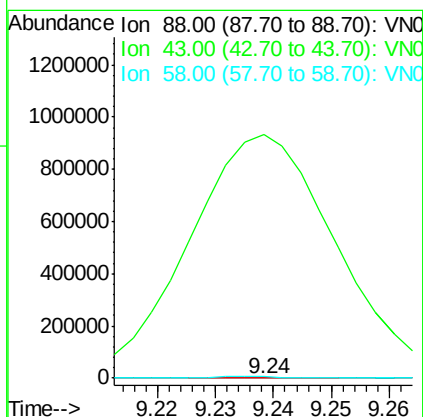
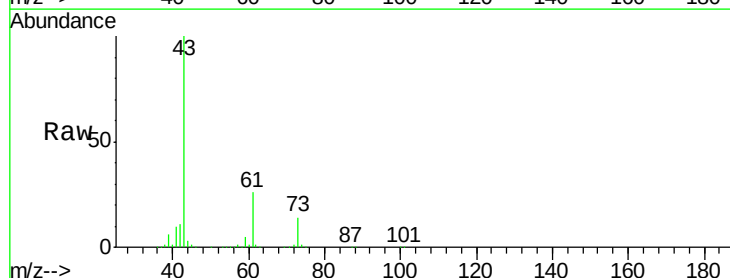
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB-2020-WS-000-03

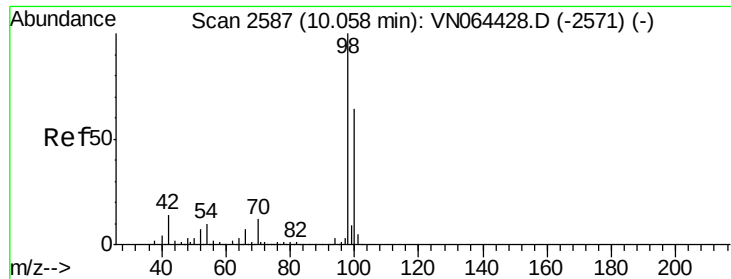
Tot Ion: 41 Resp: 5832  
Ion Ratio Lower Upper  
41 100  
69 0.0 60.4 90.6#  
39 0.0 51.2 76.8#



#49  
1,4-Dioxane  
Concen: 4.037 ug/l  
RT: 9.24 min Scan# 2332  
Delta R.T. 0.07 min  
Lab File: VN064492.D  
Acq: 6 Nov 2020 18:51

Tgt Ion: 88 Resp: 243  
Ion Ratio Lower Upper  
88 100  
43 694195.1 31.0 46.6#  
58 3576.5 58.4 87.6#

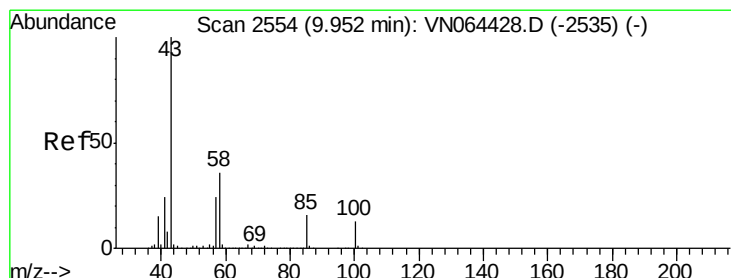
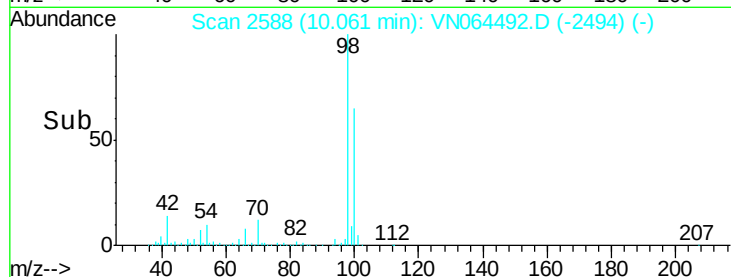
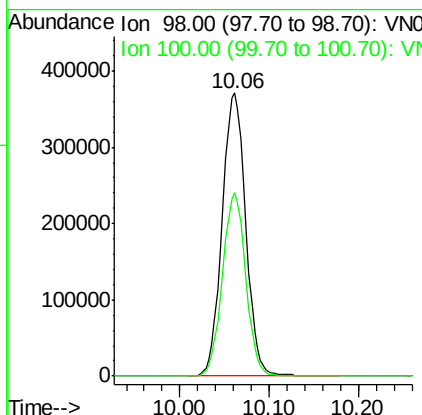
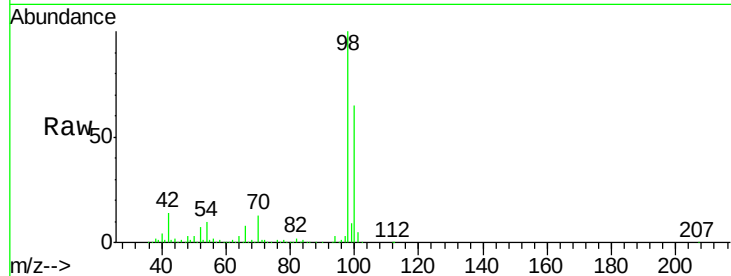




#50  
Toluene-d8  
Concen: 48.877 ug/l  
RT: 10.06 min Scan# 2588  
Delta R.T. 0.00 min  
Lab File: VN064492.D  
Acq: 6 Nov 2020 18:51

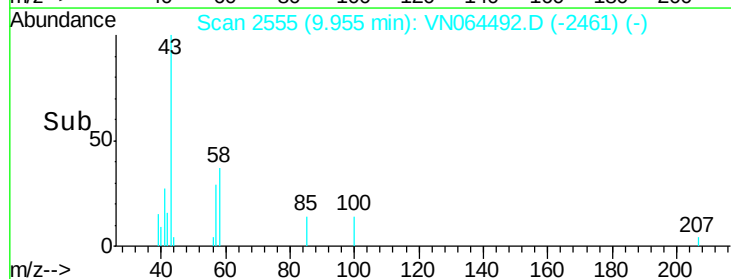
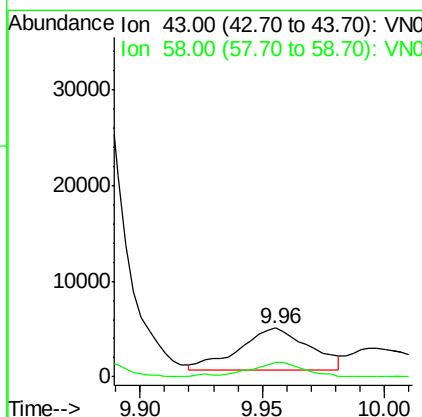
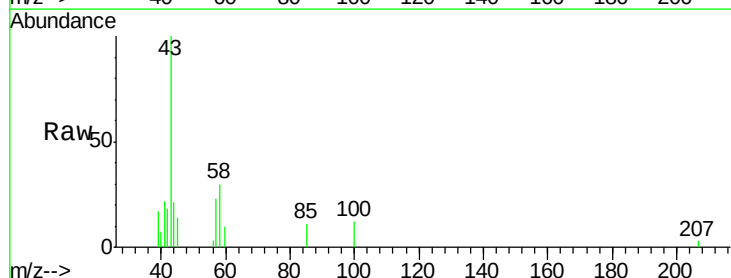
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB-2020-WS-000-03

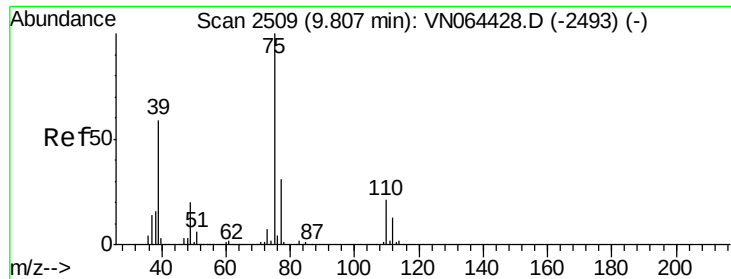
Tot Ion: 98 Resp: 680478  
Ion Ratio Lower Upper  
98 100  
100 63.9 50.7 76.1



#51  
4-Methyl-2-Pentanone  
Concen: 1.659 ug/l  
RT: 9.96 min Scan# 2555  
Delta R.T. 0.00 min  
Lab File: VN064492.D  
Acq: 6 Nov 2020 18:51

Tgt Ion: 43 Resp: 8761  
Ion Ratio Lower Upper  
43 100  
58 27.7 28.4 42.6#



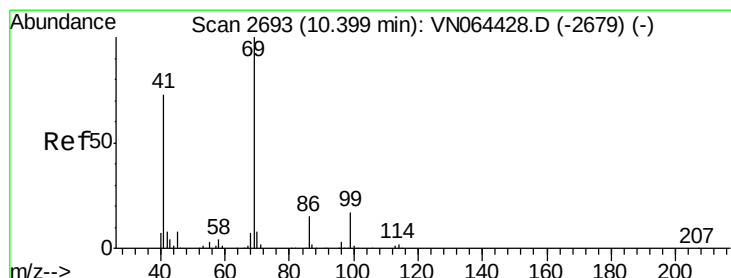
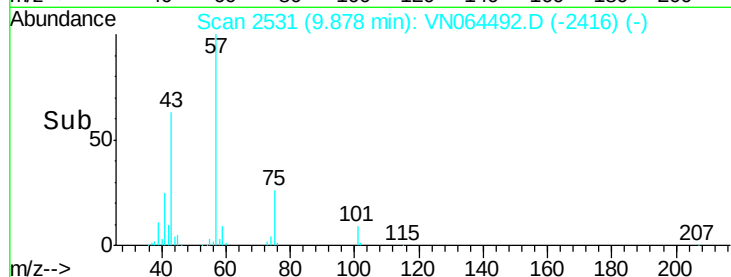
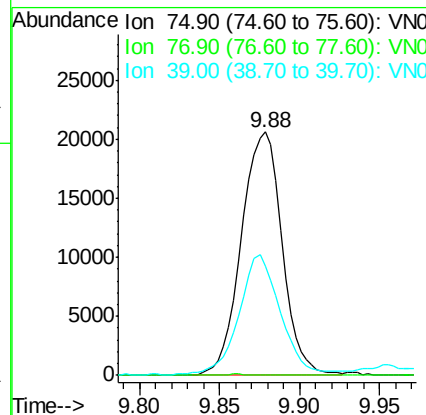
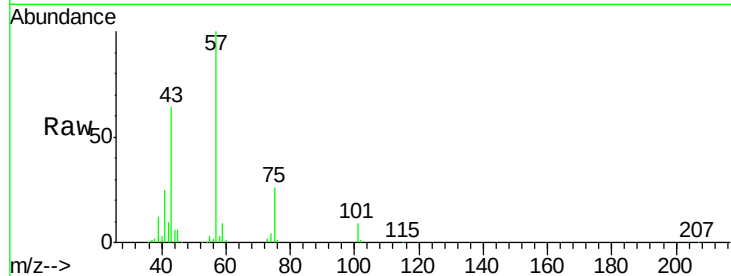


#54

cis-1,3-Dichloropropene  
 Concen: 5.092 ug/l  
 RT: 9.88 min Scan# 2531  
 Delta R.T. 0.07 min  
 Lab File: VN064492.D  
 Acq: 6 Nov 2020 18:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB-2020-WS-000-03

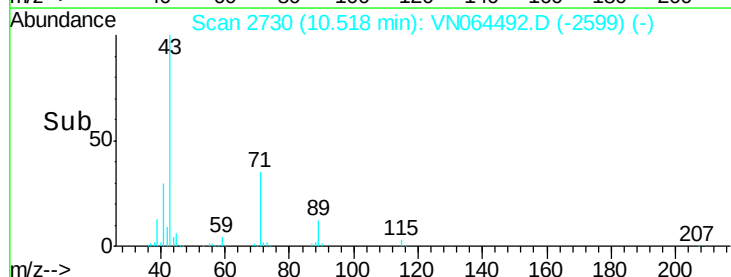
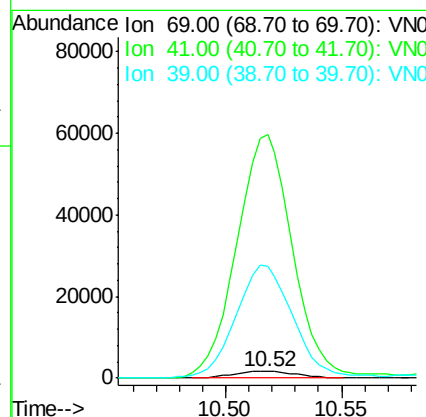
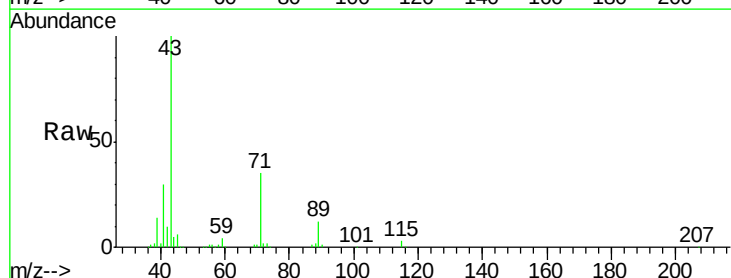
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 0.0   | 24.9  | 37.3# |
| 39      | 43.9  | 47.1  | 70.7# |

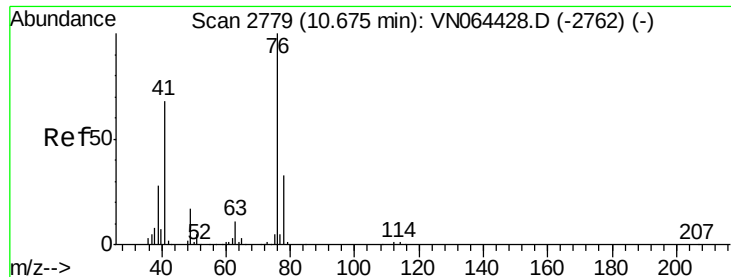


#56

Ethyl methacrylate  
 Concen: 2.311 ug/l  
 RT: 10.52 min Scan# 2730  
 Delta R.T. 0.12 min  
 Lab File: VN064492.D  
 Acq: 6 Nov 2020 18:51

| Tgt Ion | Ratio  | Lower | Upper |
|---------|--------|-------|-------|
| 69      | 100    |       |       |
| 41      | 3185.5 | 59.3  | 88.9# |
| 39      | 1514.2 | 35.4  | 53.0# |





#57

1,3-Dichloropropane

Concen: 0.945 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.06 min

Lab File: VN064492.D

Acq: 6 Nov 2020 18:51

Instrument :

MSVOA\_N

ClientSampleId :

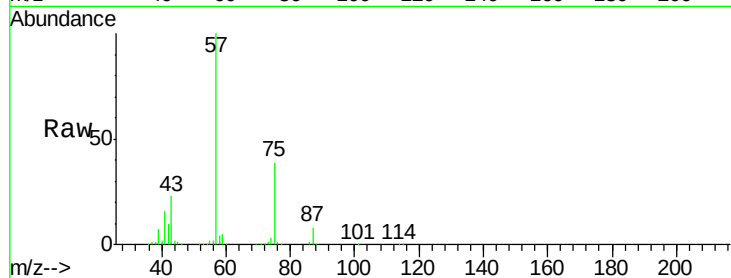
PB-2020-WS-000-03

Tot Ion: 76 Resp: 6446

Ion Ratio Lower Upper

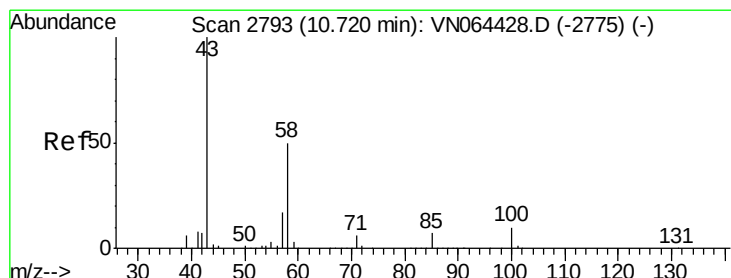
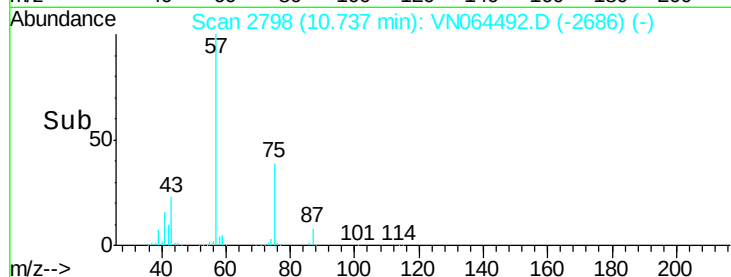
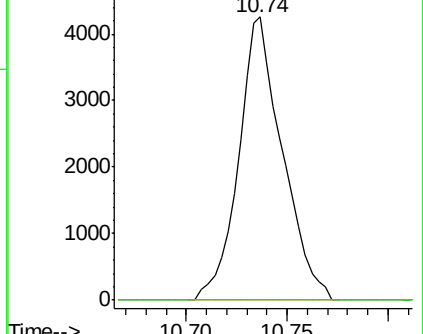
76 100

78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 27.499 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.02 min

Lab File: VN064492.D

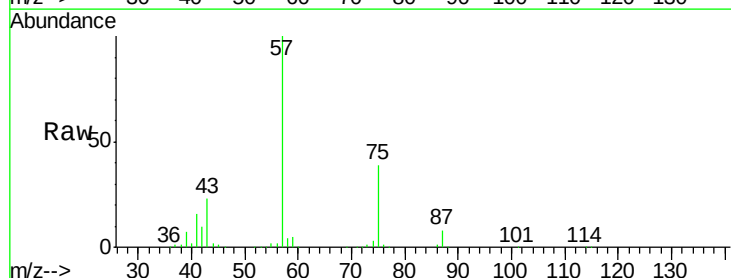
Acq: 6 Nov 2020 18:51

Tgt Ion: 43 Resp: 102749

Ion Ratio Lower Upper

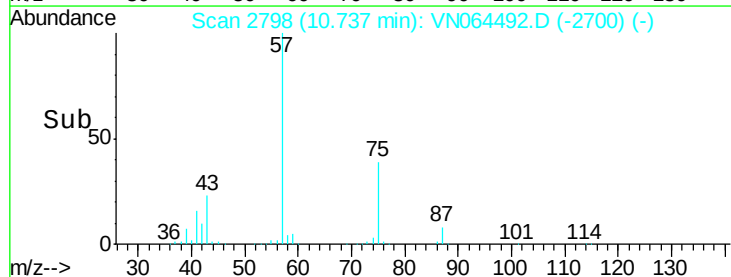
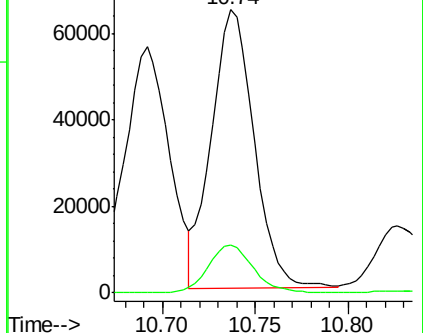
43 100

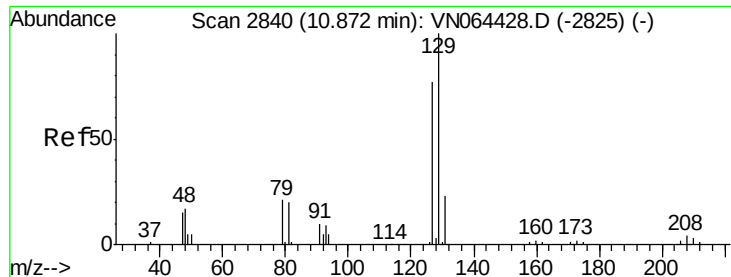
58 18.2 24.7 74.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#60

Dibromochloromethane

Concen: 14.467 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.27 min

Lab File: VN064492.D

Acq: 6 Nov 2020 18:51

Instrument :

MSVOA\_N

ClientSampleId :

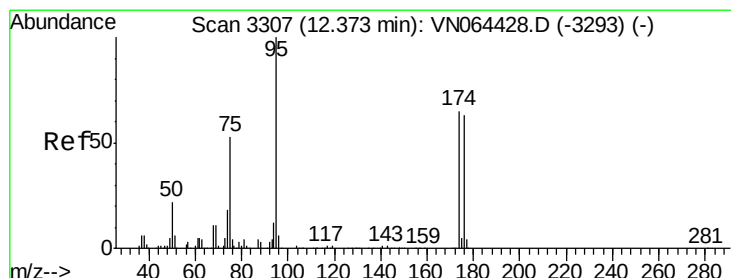
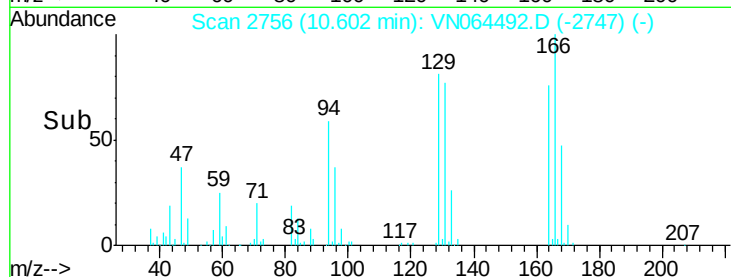
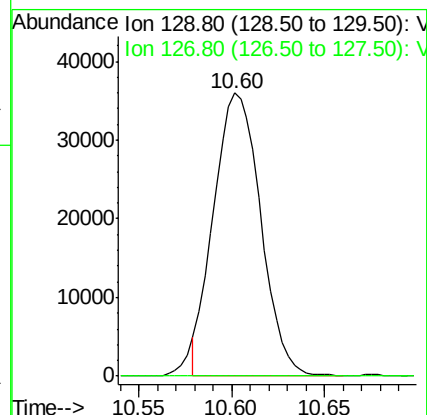
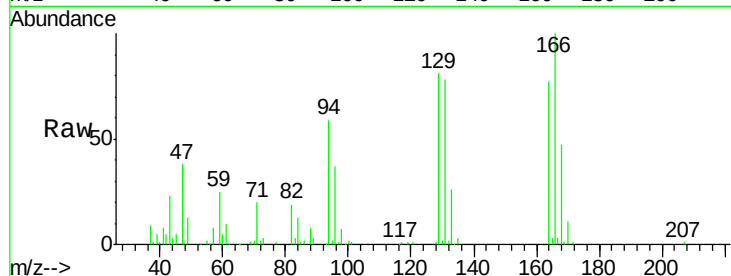
PB-2020-WS-000-03

Tot Ion:129 Resp: 63274

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.7#



#62

4-Bromofluorobenzene

Concen: 49.705 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064492.D

Acq: 6 Nov 2020 18:51

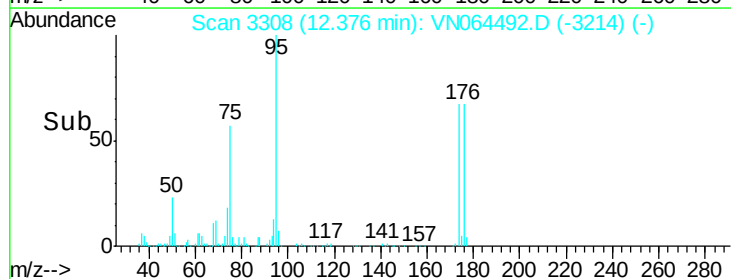
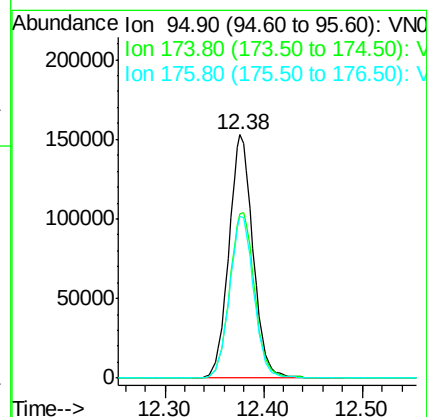
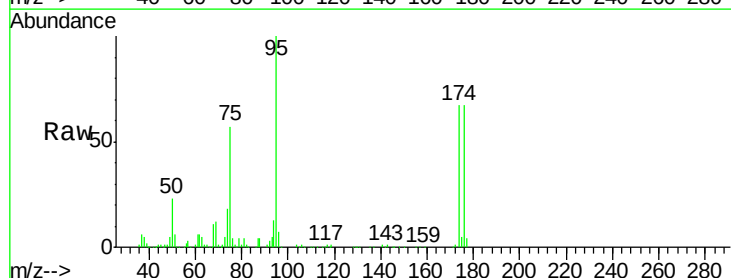
Tgt Ion: 95 Resp: 261708

Ion Ratio Lower Upper

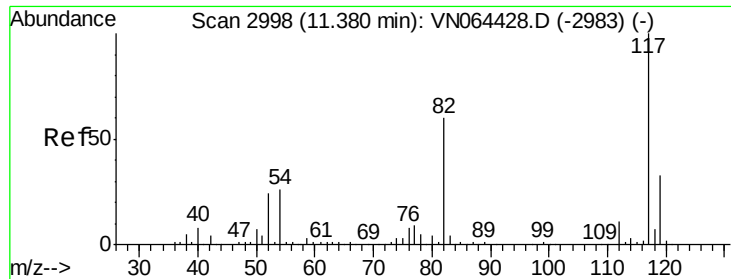
95 100

174 70.2 0.0 132.6

176 66.5 0.0 129.2



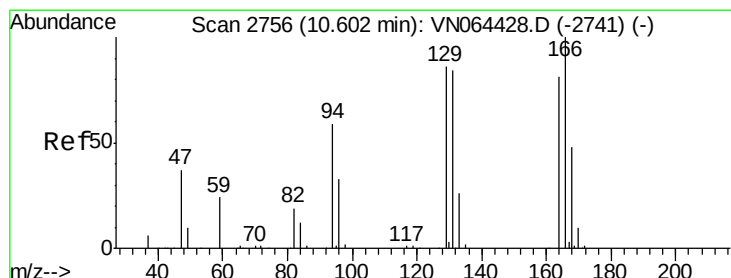
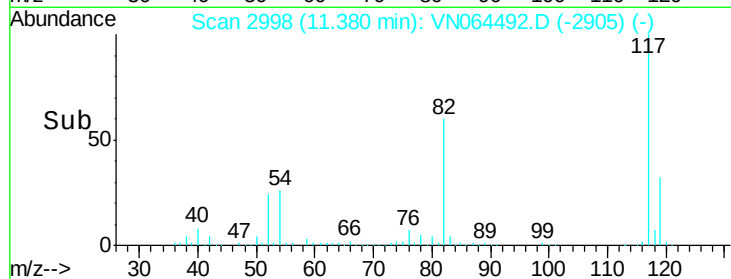
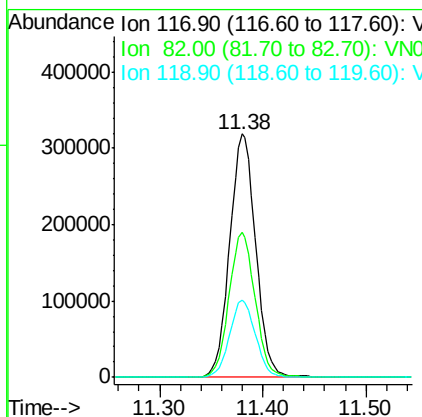
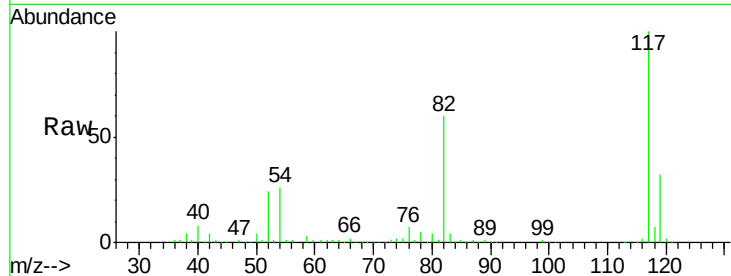




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN064492.D  
Acq: 6 Nov 2020 18:51

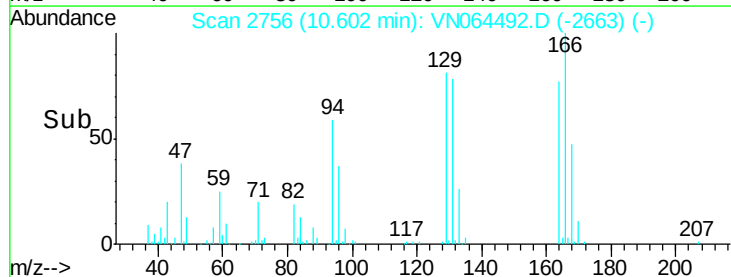
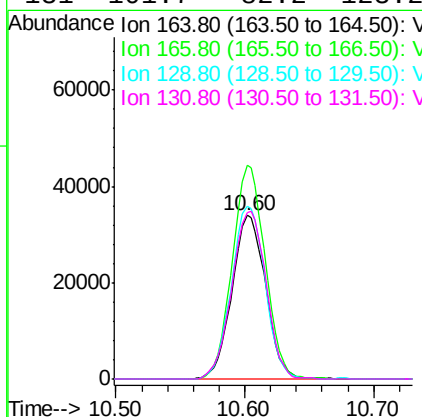
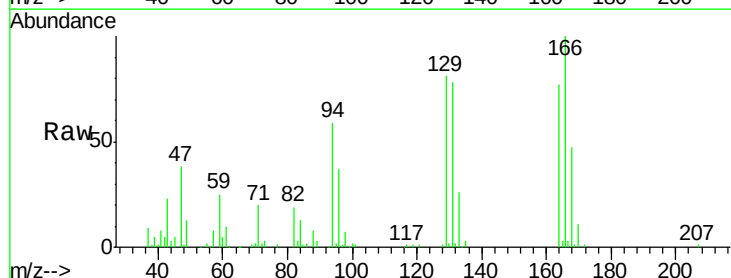
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB-2020-WS-000-03

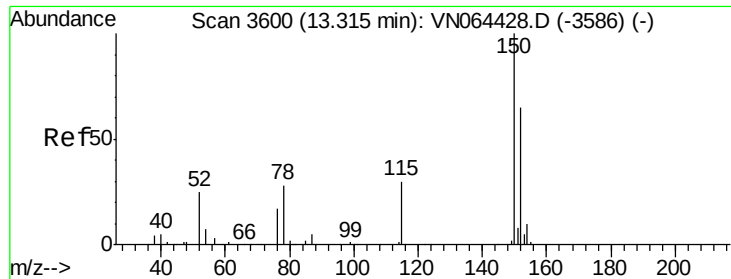
Tot Ion:117 Resp: 561044  
Ion Ratio Lower Upper  
117 100  
82 59.8 48.1 72.1  
119 31.9 26.2 39.4



#64  
Tetrachloroethene  
Concen: 14.253 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. 0.00 min  
Lab File: VN064492.D  
Acq: 6 Nov 2020 18:51

Tgt Ion:164 Resp: 61598  
Ion Ratio Lower Upper  
164 100  
166 130.5 98.2 147.2  
129 105.9 84.6 127.0  
131 101.7 82.2 123.2

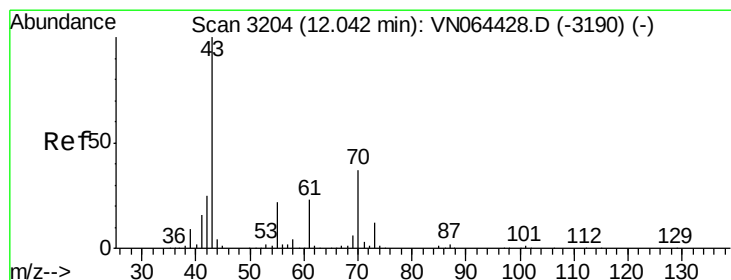
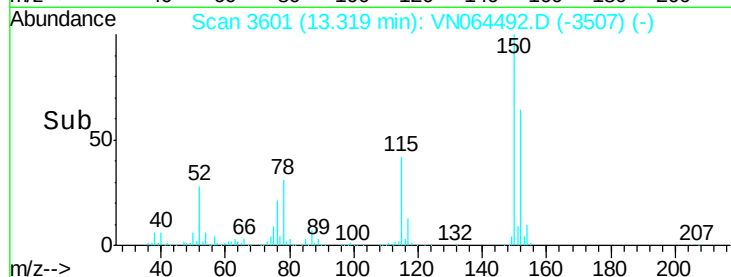
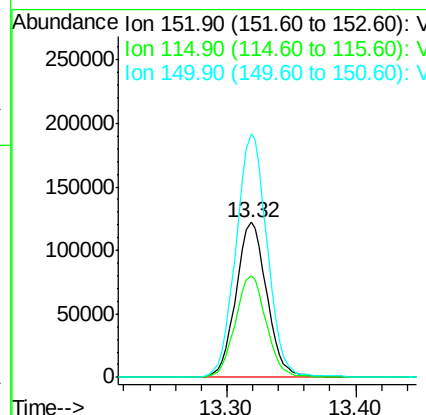
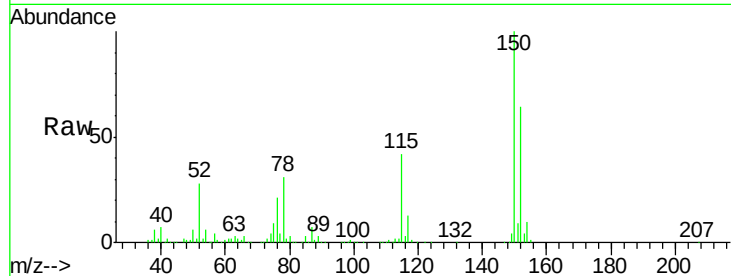




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.32 min Scan# 3601  
 Delta R.T. 0.00 min  
 Lab File: VN064492.D  
 Acq: 6 Nov 2020 18:51

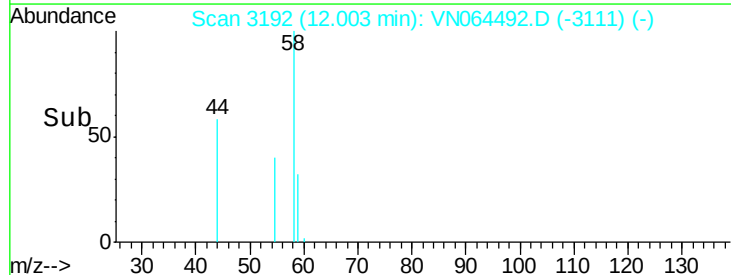
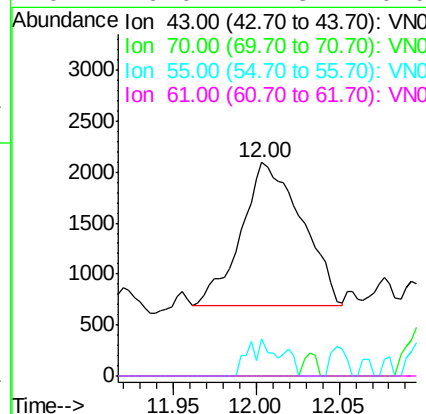
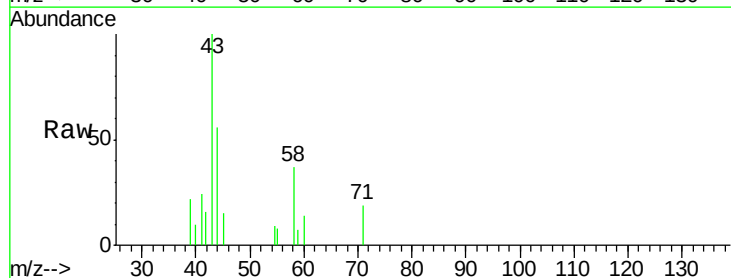
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB-2020-WS-000-03

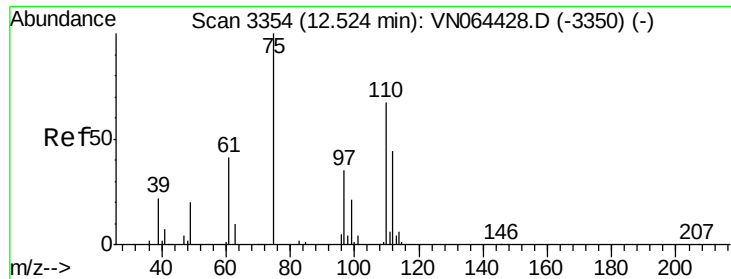
Tot Ion:152 Resp: 203401  
 Ion Ratio Lower Upper  
 152 100  
 115 65.4 32.0 96.0  
 150 157.7 0.0 353.8



#74  
 N-ethyl acetate  
 Concen: 1.662 ug/l  
 RT: 12.00 min Scan# 3192  
 Delta R.T. -0.04 min  
 Lab File: VN064492.D  
 Acq: 6 Nov 2020 18:51

Tgt Ion: 43 Resp: 3599  
 Ion Ratio Lower Upper  
 43 100  
 70 0.0 29.6 44.4#  
 55 4.8 18.4 27.6#  
 61 0.0 17.8 26.6#





#76

1,2,3-Trichloropropane

Concen: 30.081 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064492.D

Acq: 6 Nov 2020 18:51

Instrument :

MSVOA\_N

ClientSampleId :

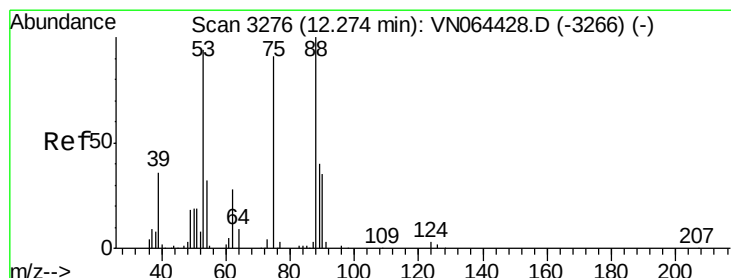
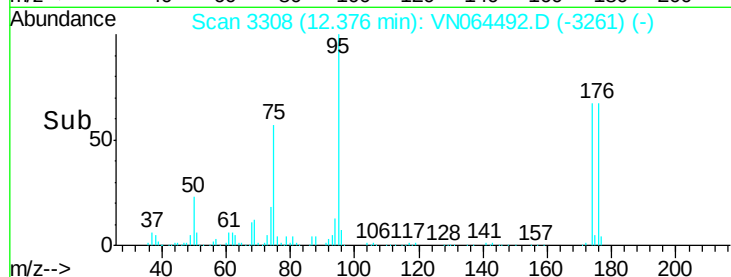
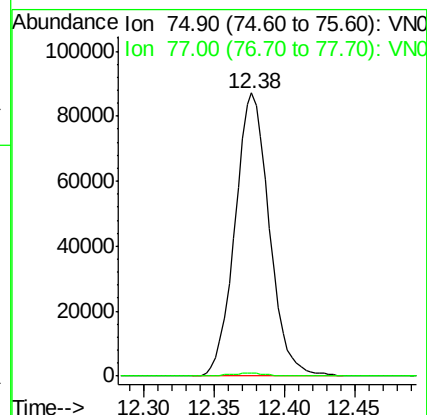
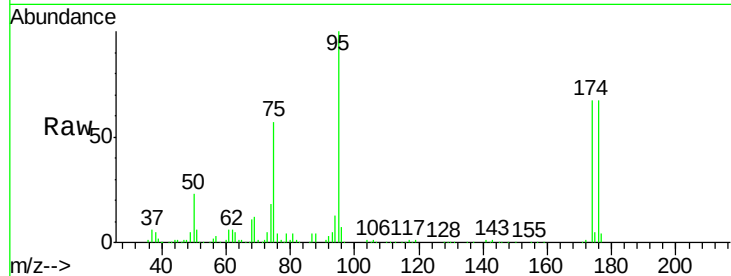
PB-2020-WS-000-03

Tot Ion: 75 Resp: 148246

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.989 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064492.D

Acq: 6 Nov 2020 18:51

Tgt Ion: 75 Resp: 148246

Ion Ratio Lower Upper

75 100

53 0.1 84.0 126.0#

89 0.0 36.3 54.5#

