

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\  
 Data File : VN064537.D  
 Acq On : 10 Nov 2020 19:50  
 Operator : JC/MD  
 Sample : PB132908ZHE#03  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132908ZHE#03

Quant Time: Nov 11 01:55:04 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

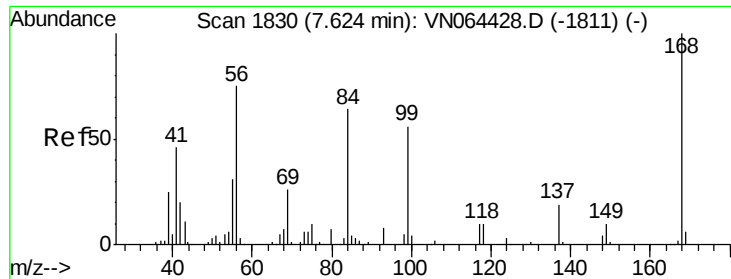
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 244380   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 492709   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 558488   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 198439   | 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   | 238668   | 56.07 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 112.14% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 178444   | 53.19 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.38% |          |
| 50) Toluene-d8              | 10.06 | 98   | 683550   | 52.72 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.44% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 257292   | 52.47 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.94% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 13) Acrolein                   | 3.62  | 56   | 157      | 0.539  | ug/l # | 15     |
| 16) Acetone                    | 3.79  | 43   | 18591    | 11.466 | ug/l   | 96     |
| 18) Methyl Acetate             | 4.29  | 43   | 4874     | 1.529  | ug/l # | 76     |
| 20) Methylene Chloride         | 4.51  | 84   | 17457    | 5.426  | ug/l   | 97     |
| 25) 2-Butanone                 | 6.80  | 43   | 852      | 0.412  | ug/l # | 52     |
| 29) Tetrahydrofuran            | 7.16  | 42   | 435      | 0.343  | ug/l # | 37     |
| 31) Cyclohexane                | 7.63  | 56   | 7028     | 1.358  | ug/l # | 29     |
| 36) 1,1-Dichloropropene        | 7.63  | 75   | 22628    | 4.347  | ug/l # | 51     |
| 37) Ethyl Acetate              | 6.90  | 43   | 48       | 0.771  | ug/l # | 71     |
| 38) Carbon Tetrachloride       | 7.63  | 117  | 29499    | 5.303  | ug/l # | 17     |
| 43) Isopropyl Acetate          | 8.13  | 43   | 91794    | 10.882 | ug/l   | 98     |
| 45) 1,2-Dichloropropane        | 9.24  | 63   | 2153     | 0.528  | ug/l # | 45     |
| 48) Methyl methacrylate        | 9.15  | 41   | 5449     | 1.280  | ug/l # | 15     |
| 49) 1,4-Dioxane                | 9.23  | 88   | 290      | 5.173  | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 9.96  | 43   | 6088     | 1.238  | ug/l   | 92     |
| 54) cis-1,3-Dichloropropene    | 9.88  | 75   | 35799    | 5.467  | ug/l # | 71     |
| 56) Ethyl methacrylate         | 10.51 | 69   | 3157     | 2.349  | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 10.74 | 76   | 7194     | 1.133  | ug/l # | 42     |
| 58) 2-Chloroethyl Vinyl ether  | 9.42  | 63   | 31       | 21.548 | ug/l # | 51     |
| 59) 2-Hexanone                 | 10.74 | 43   | 110047   | 31.020 | ug/l # | 54     |
| 71) Bromoform                  | 12.36 | 173  | 215      | 1.336  | ug/l # | 1      |
| 74) N-amyl acetate             | 12.01 | 43   | 3189     | 1.621  | ug/l # | 52     |
| 76) 1,2,3-Trichloropropane     | 12.38 | 75   | 145471   | 30.256 | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 145471   | 84.478 | ug/l # | 8      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064537.D

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Instrument :

MSVOA\_N

ClientSampleId :

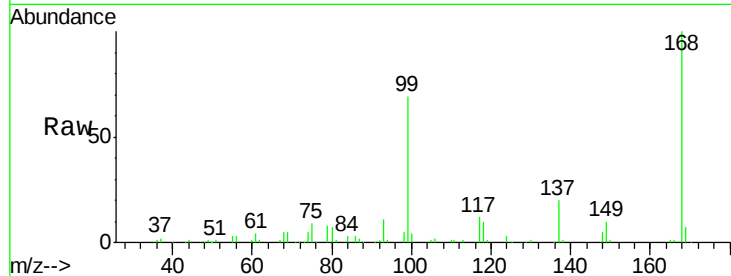
PB132908ZHE#03

Tot Ion:168 Resp: 244380

Ion Ratio Lower Upper

168 100

99 68.8 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

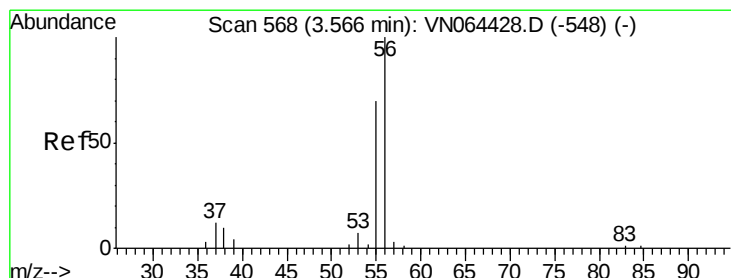
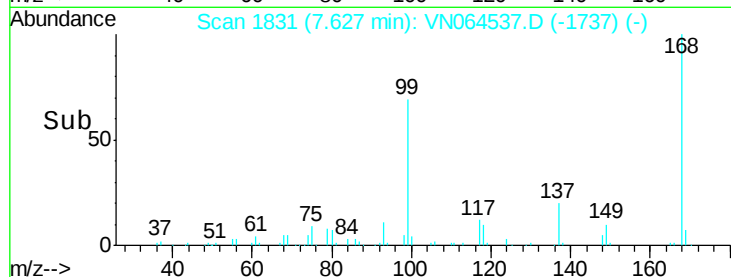
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#13

Acrolein

Concen: 0.539 ug/l

RT: 3.62 min Scan# 586

Delta R.T. 0.06 min

Lab File: VN064537.D

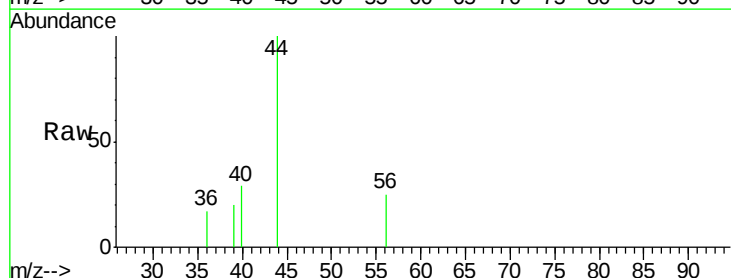
Acq: 10 Nov 2020 19:50

Tgt Ion: 56 Resp: 157

Ion Ratio Lower Upper

56 100

55 0.0 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

3.62

250

200

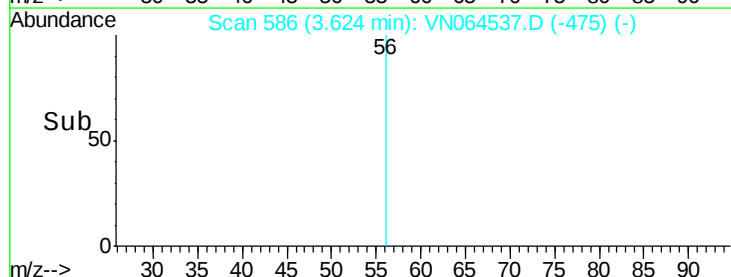
150

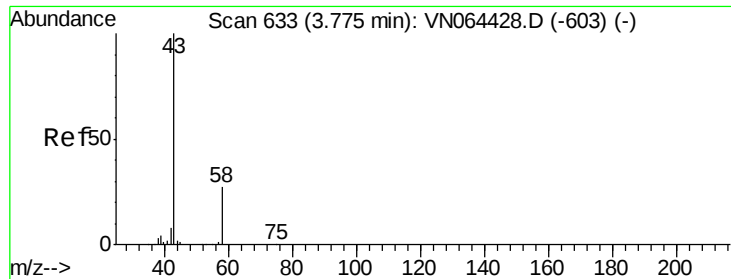
100

50

0

Time--> 3.61 3.62 3.63 3.64





#16

Acetone

Concen: 11.466 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064537.D

Acq: 10 Nov 2020 19:50

Instrument :

MSVOA\_N

ClientSampleId :

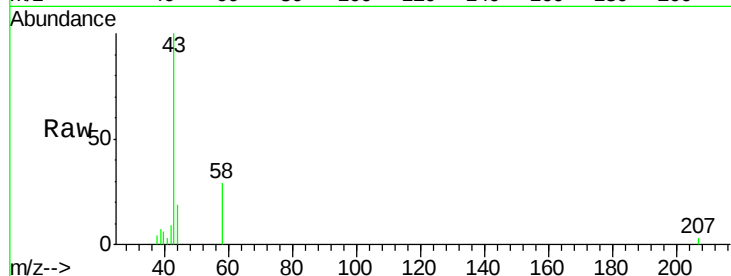
PB132908ZHE#03

Tot Ion: 43 Resp: 18591

Ion Ratio Lower Upper

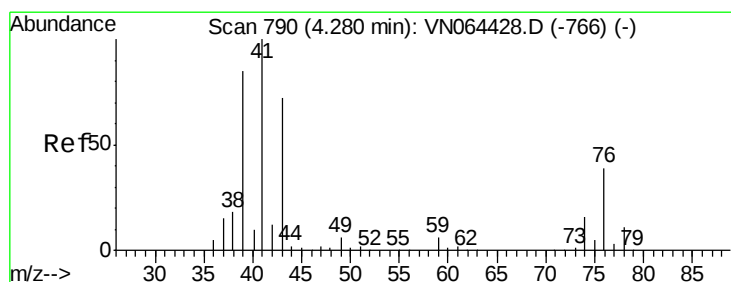
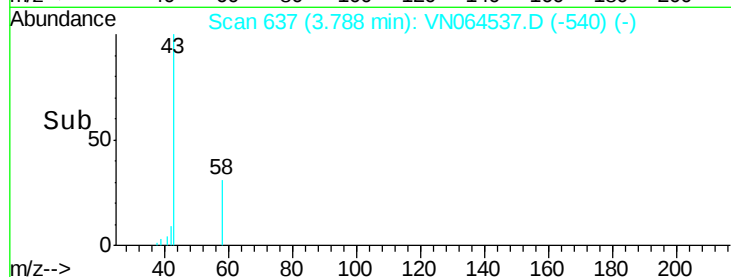
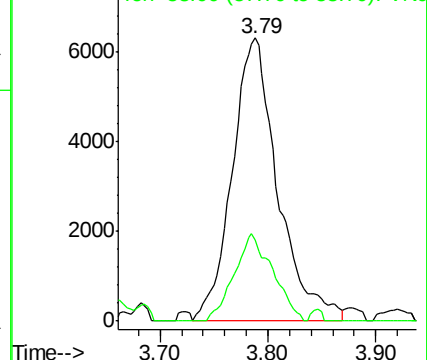
43 100

58 28.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.529 ug/l

RT: 4.29 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN064537.D

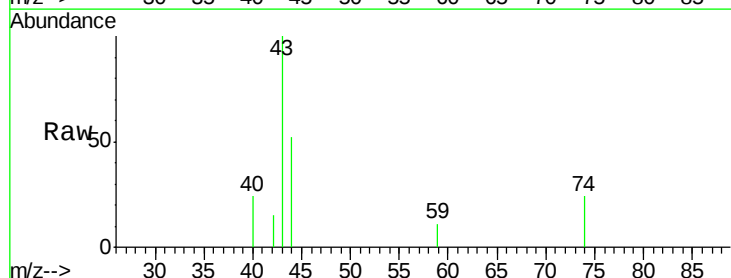
Acq: 10 Nov 2020 19:50

Tgt Ion: 43 Resp: 4874

Ion Ratio Lower Upper

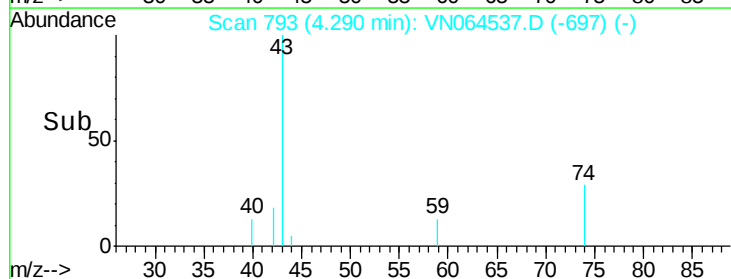
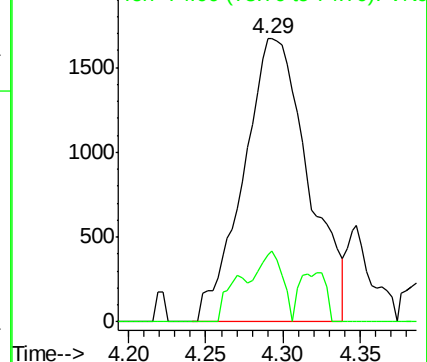
43 100

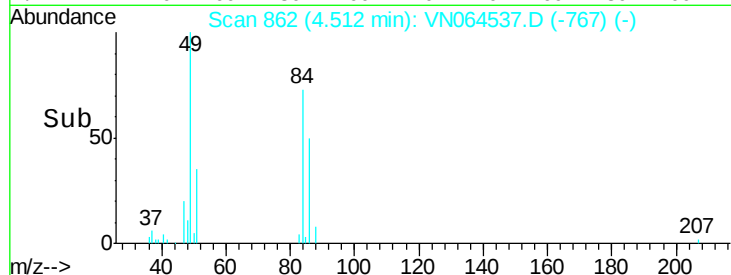
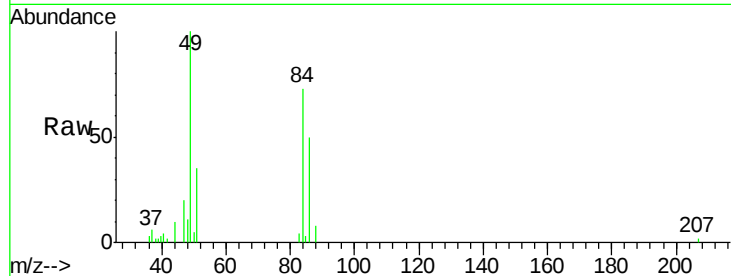
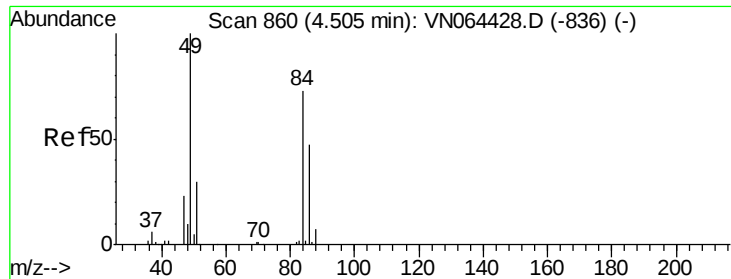
74 10.0 17.0 25.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

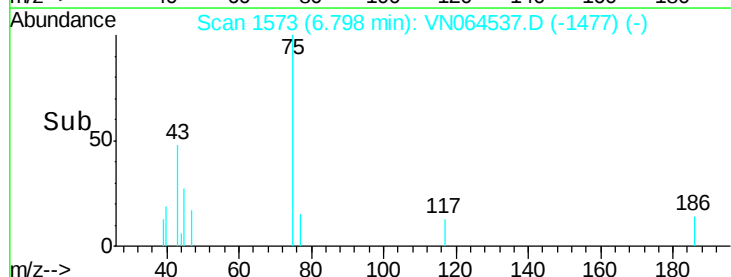
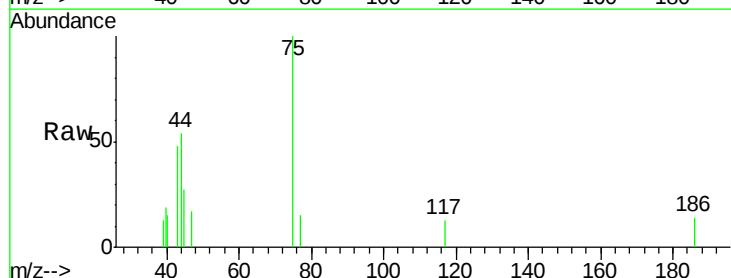
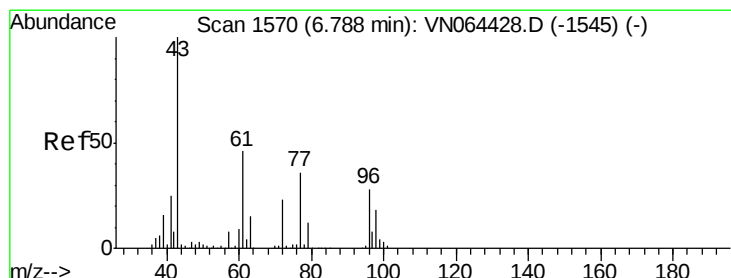
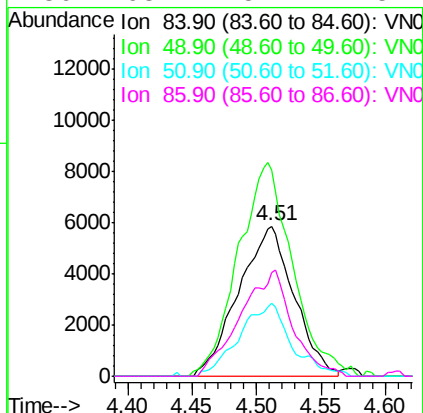




#20  
Methvlene Chloride  
Concen: 5.426 ug/l  
RT: 4.51 min Scan# 862  
Delta R.T. 0.01 min  
Lab File: VN064537.D  
Acq: 10 Nov 2020 19:50

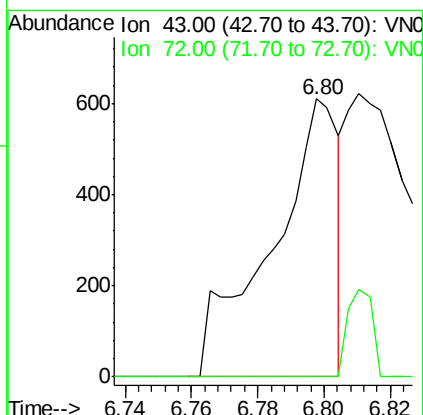
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132908ZHE#03

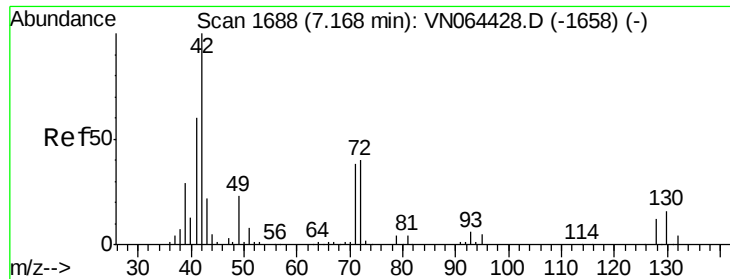
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 17457 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 137.4 | 110.1 | 165.1 |
| 51       | 48.4  | 33.6  | 50.4  |
| 86       | 68.7  | 52.1  | 78.1  |



#25  
2-Butanone  
Concen: 0.412 ug/l  
RT: 6.80 min Scan# 1573  
Delta R.T. 0.01 min  
Lab File: VN064537.D  
Acq: 10 Nov 2020 19:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 852   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 0.0   | 18.5  | 27.7# |





#29

Tetrahydrofuran

Concen: 0.343 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VN064537.D

Acq: 10 Nov 2020 19:50

Instrument :

MSVOA\_N

ClientSampleId :

PB132908ZHE#03

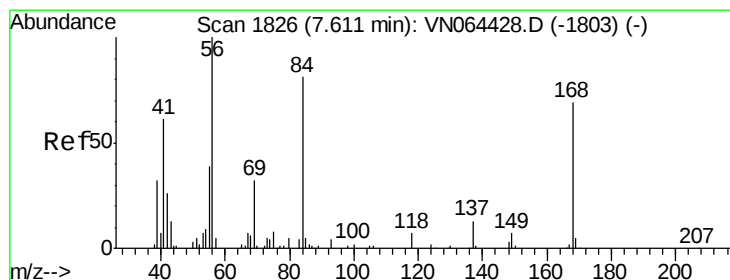
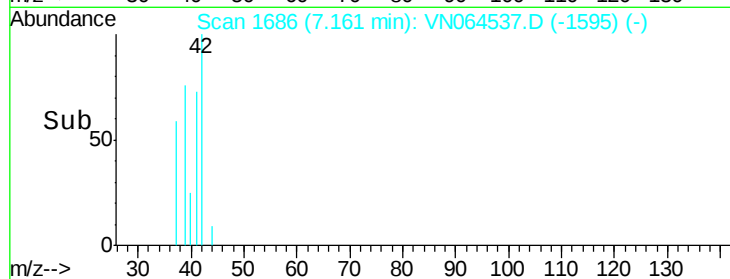
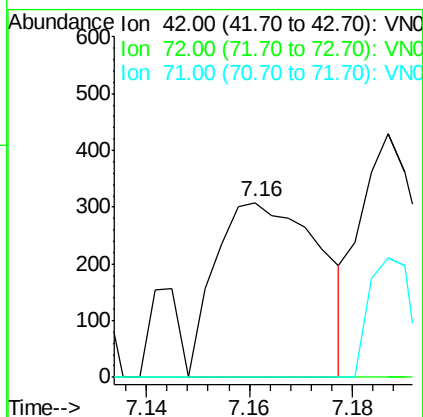
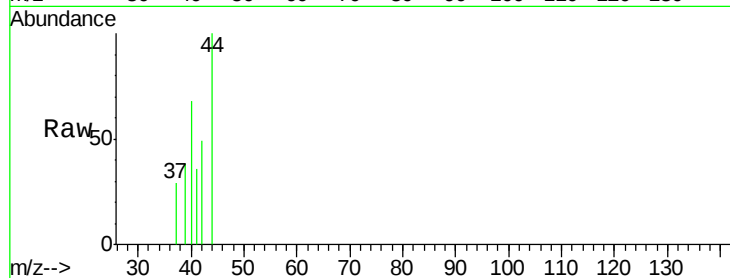
Tot Ion: 42 Resp: 435

Ion Ratio Lower Upper

42 100

72 0.0 31.7 47.5#

71 0.0 29.8 44.6#



#31

Cyclohexane

Concen: 1.358 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.02 min

Lab File: VN064537.D

Acq: 10 Nov 2020 19:50

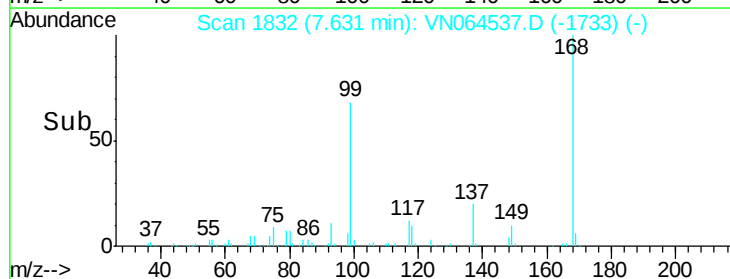
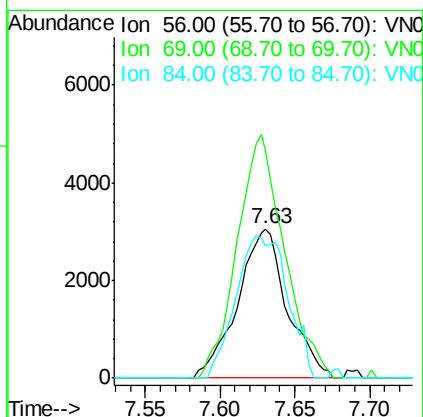
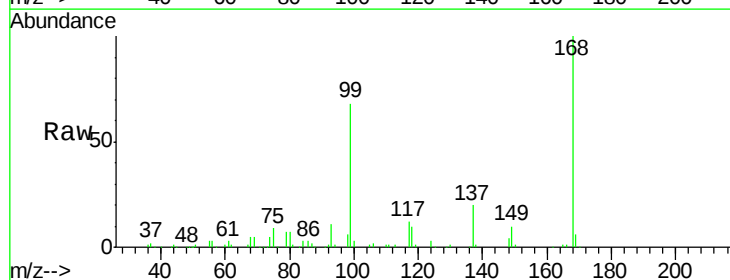
Tgt Ion: 56 Resp: 7028

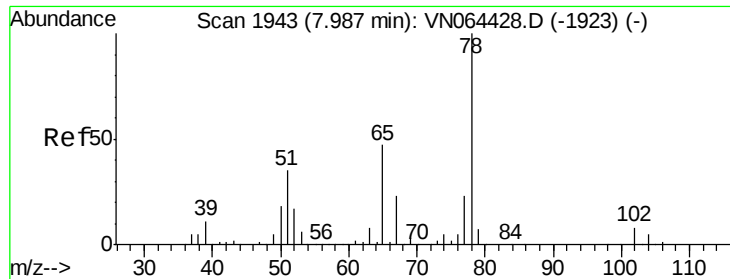
Ion Ratio Lower Upper

56 100

69 153.3 25.6 38.4#

84 89.2 63.0 94.6

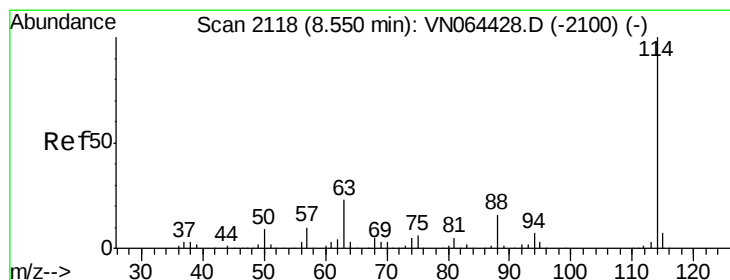
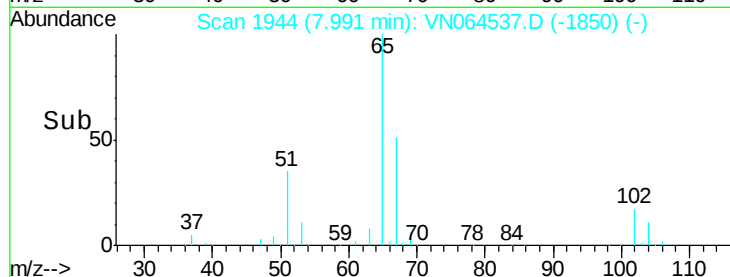
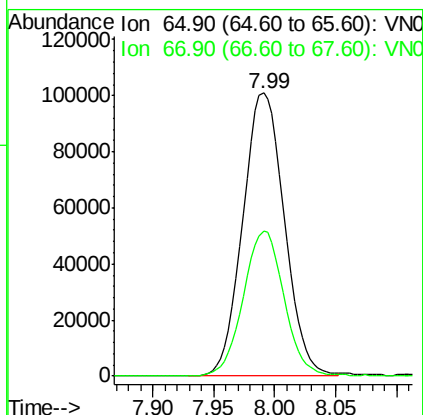
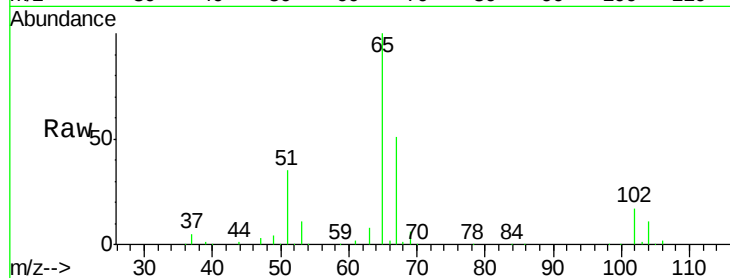




#33  
 1,2-Dichloroethane-d4  
 Concen: 56.069 ug/l  
 RT: 7.99 min Scan# 1944  
 Delta R.T. 0.00 min  
 Lab File: VN064537.D  
 Acq: 10 Nov 2020 19:50

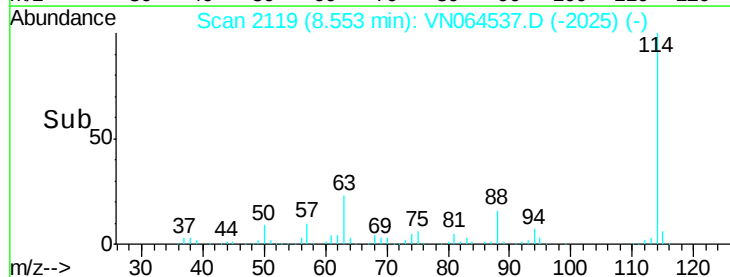
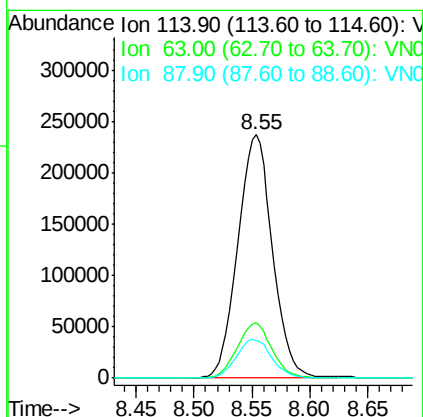
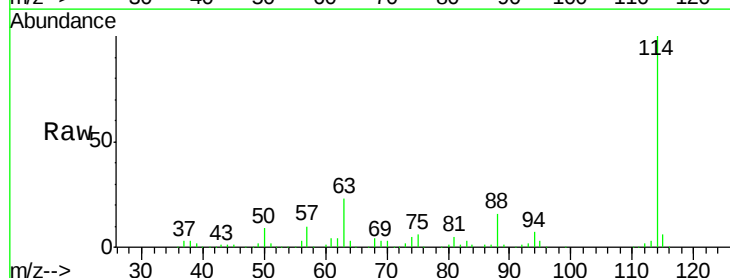
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132908ZHE#03

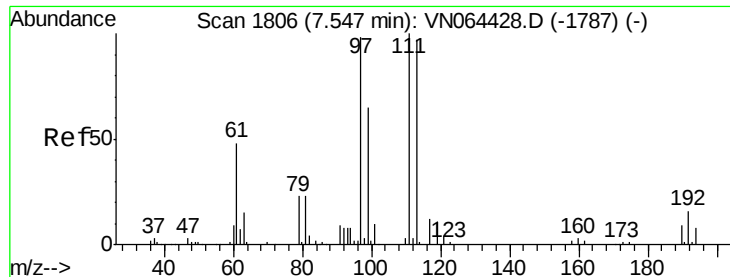
Tot Ion: 65 Resp: 238668  
 Ion Ratio Lower Upper  
 65 100  
 67 50.1 0.0 101.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN064537.D  
 Acq: 10 Nov 2020 19:50

Tgt Ion: 114 Resp: 492709  
 Ion Ratio Lower Upper  
 114 100  
 63 22.7 0.0 45.6  
 88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.193 ug/l

RT: 7.55 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VN064537.D

Acq: 10 Nov 2020 19:50

Instrument :

MSVOA\_N

ClientSampleId :

PB132908ZHE#03

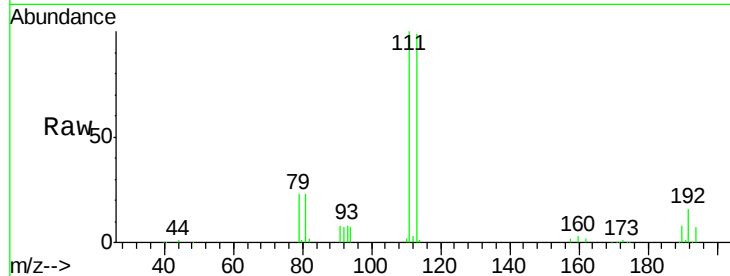
Tot Ion:113 Resp: 178444

Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

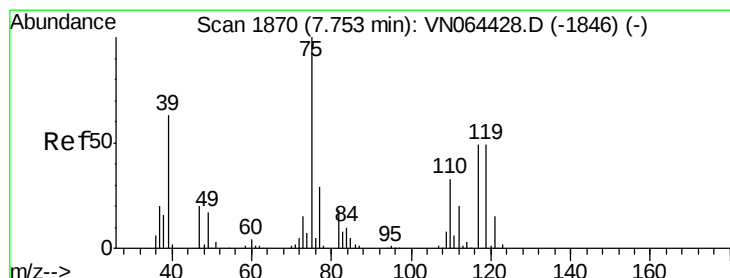
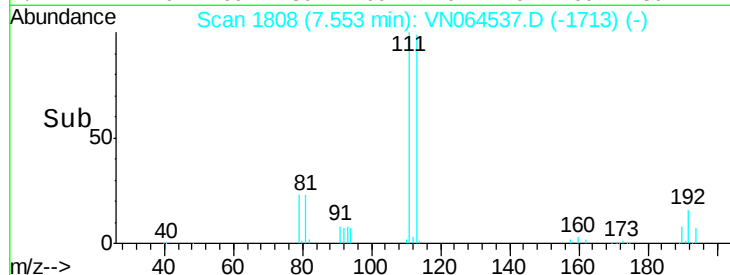
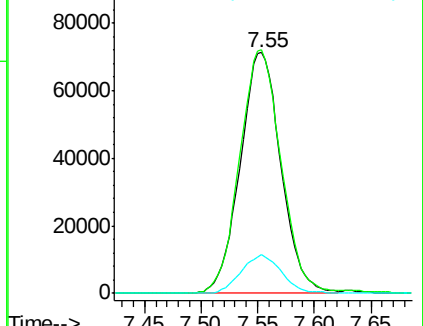
192 15.6 12.8 19.2



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: 4.347 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN064537.D

Acq: 10 Nov 2020 19:50

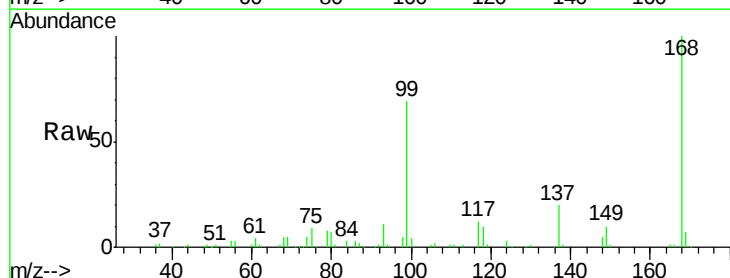
Tgt Ion: 75 Resp: 22628

Ion Ratio Lower Upper

75 100

110 8.1 16.0 48.0#

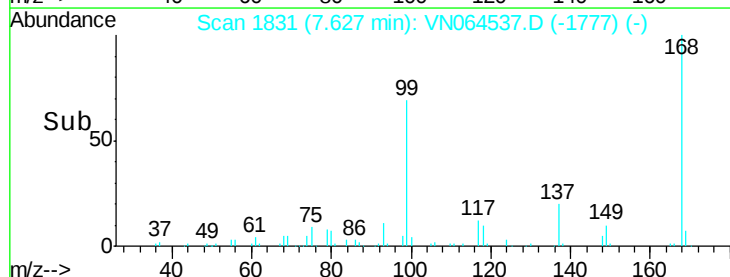
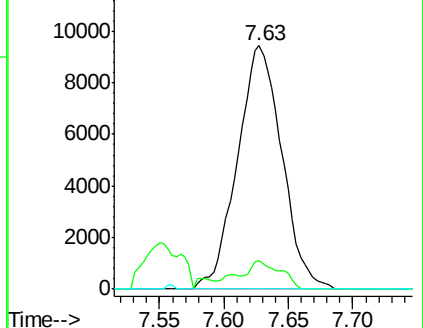
77 0.0 24.0 36.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

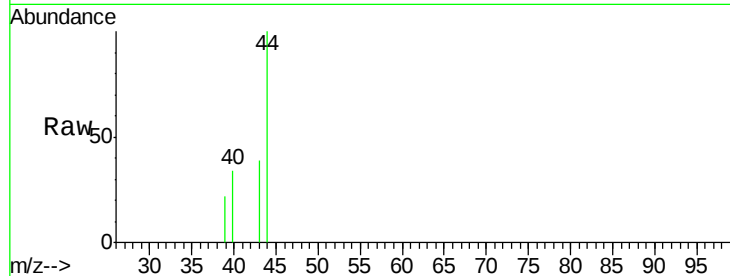




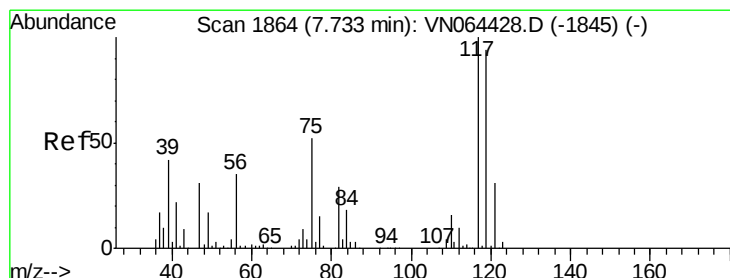
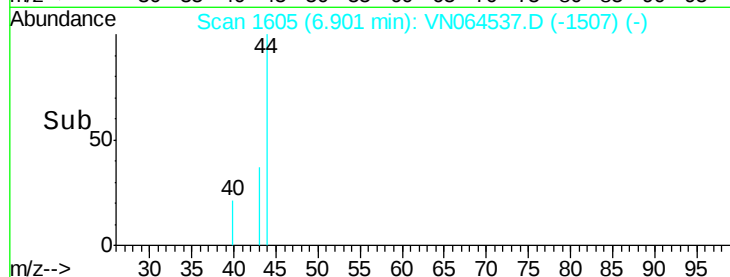
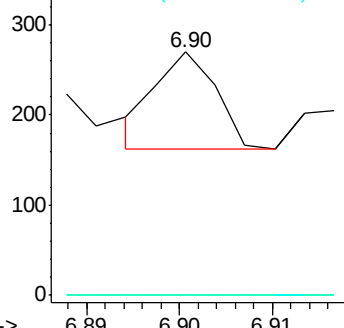
#37  
Ethyl Acetate  
Concen: 0.771 ug/l  
RT: 6.90 min Scan# 1605  
Delta R.T. 0.02 min  
Lab File: VN064537.D  
Acq: 10 Nov 2020 19:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132908ZHE#03

Tot Ion: 43 Resp: 48  
Ion Ratio Lower Upper  
43 100  
61 0.0 10.0 15.0#  
70 0.0 7.1 10.7#

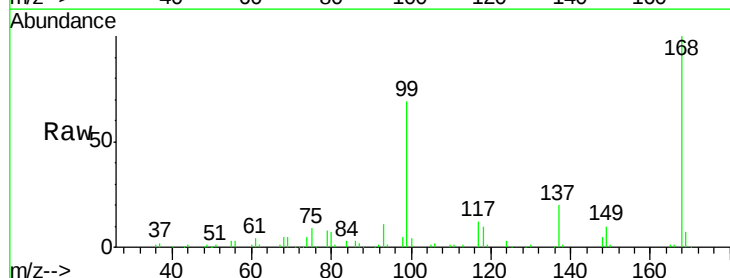


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

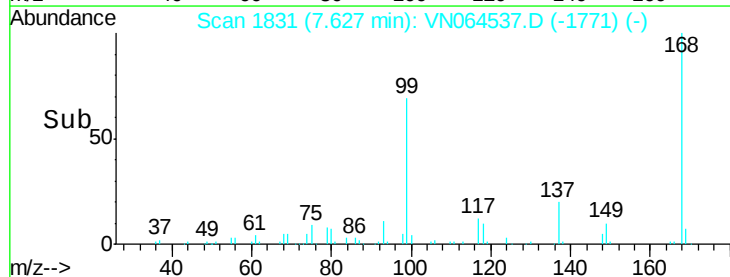
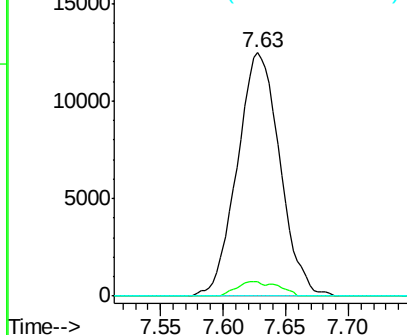


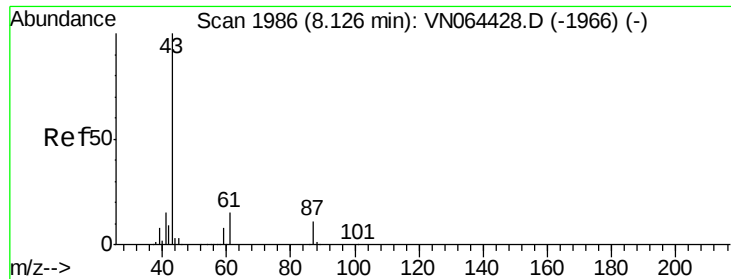
#38  
Carbon Tetrachloride  
Concen: 5.303 ug/l  
RT: 7.63 min Scan# 1831  
Delta R.T. -0.11 min  
Lab File: VN064537.D  
Acq: 10 Nov 2020 19:50

Tgt Ion: 117 Resp: 29499  
Ion Ratio Lower Upper  
117 100  
119 5.8 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



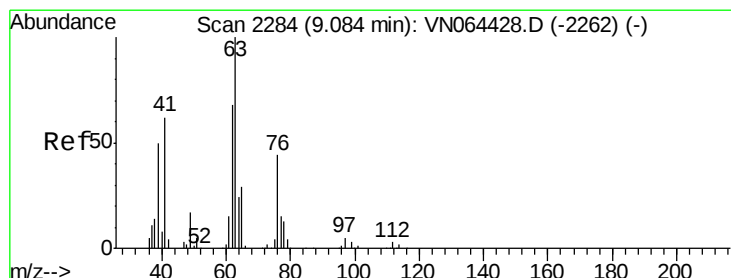
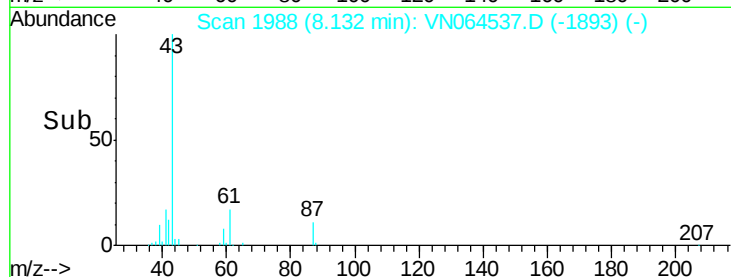
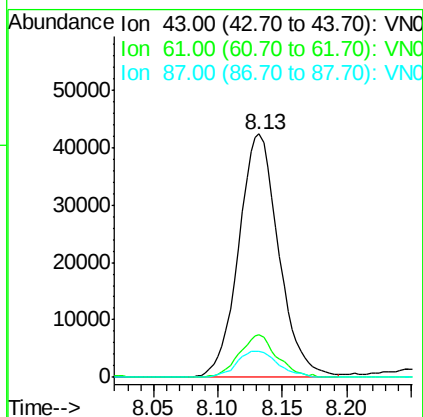
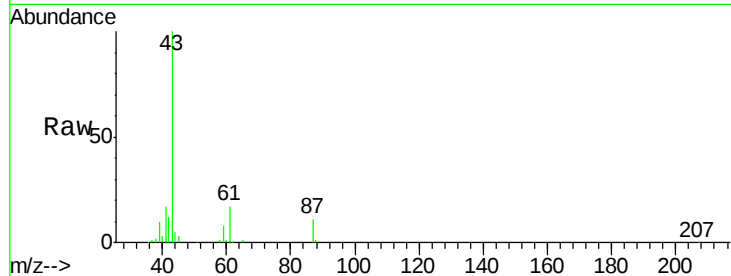


#43

Isopropyl Acetate  
 Concen: 10.882 ug/l  
 RT: 8.13 min Scan# 1988  
 Delta R.T. 0.01 min  
 Lab File: VN064537.D  
 Acq: 10 Nov 2020 19:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132908ZHE#03

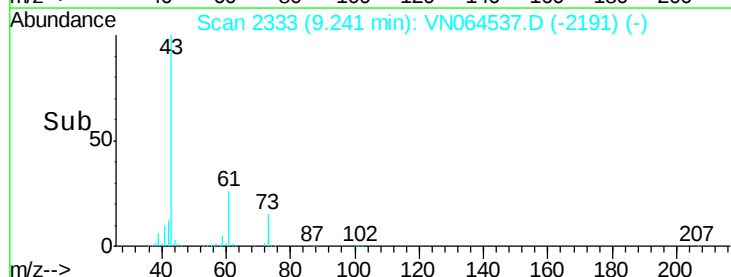
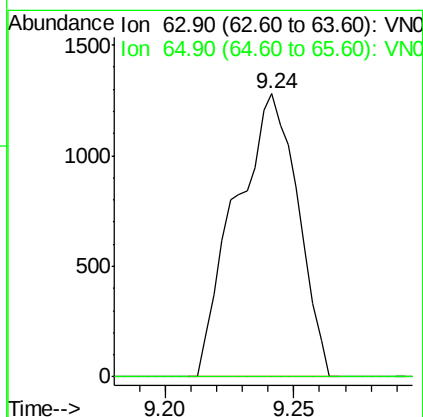
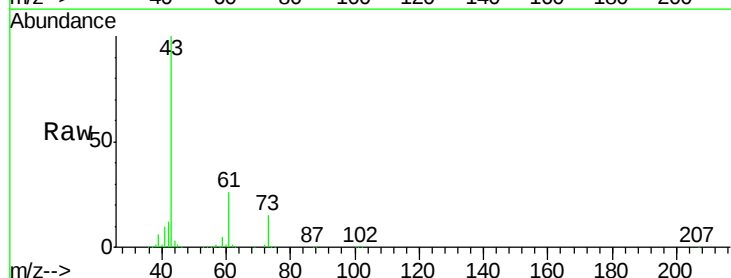
| Tot Ion   | 43    | Resp  | 91794 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 16.3  | 14.0  | 21.0  |
| 87        | 11.1  | 9.1   | 13.7  |

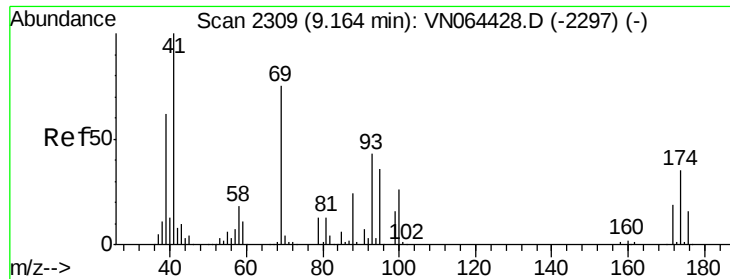


#45

1,2-Dichloropropane  
 Concen: 0.528 ug/l  
 RT: 9.24 min Scan# 2333  
 Delta R.T. 0.16 min  
 Lab File: VN064537.D  
 Acq: 10 Nov 2020 19:50

| Tgt Ion   | 63    | Resp  | 2153  |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 65        | 0.0   | 23.6  | 35.4# |

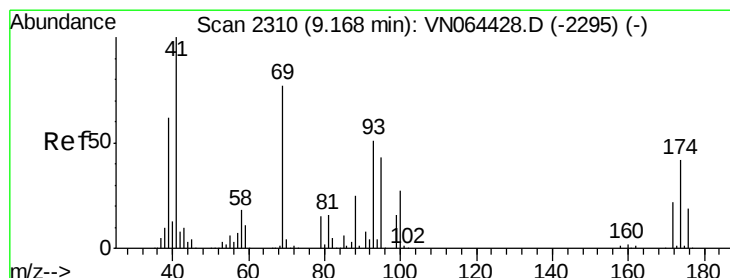
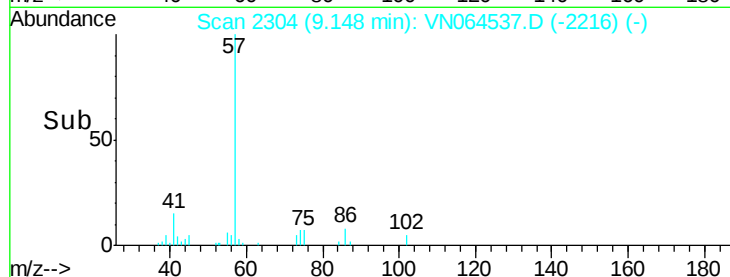
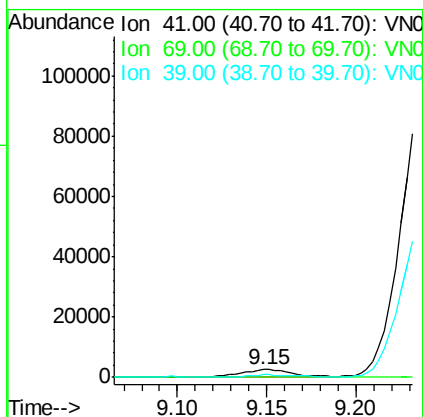
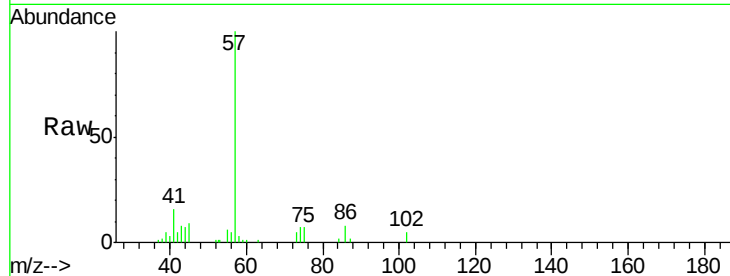




#48  
Methyl methacrylate  
Concen: 1.280 ug/l  
RT: 9.15 min Scan# 2304  
Delta R.T. -0.02 min  
Lab File: VN064537.D  
Acq: 10 Nov 2020 19:50

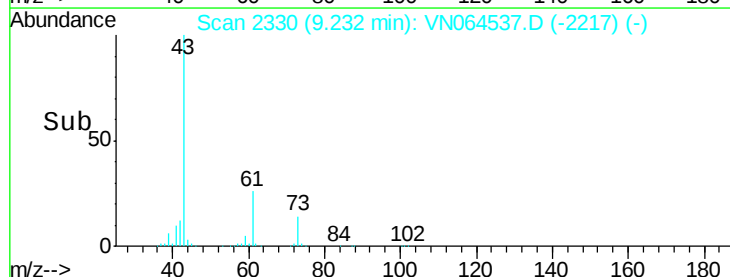
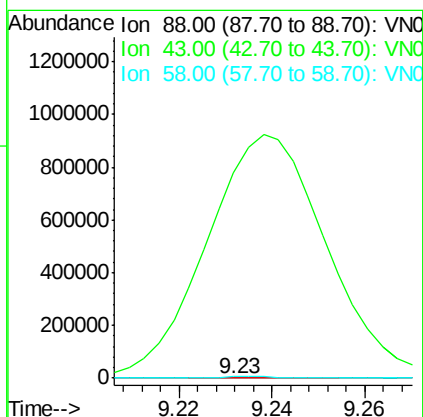
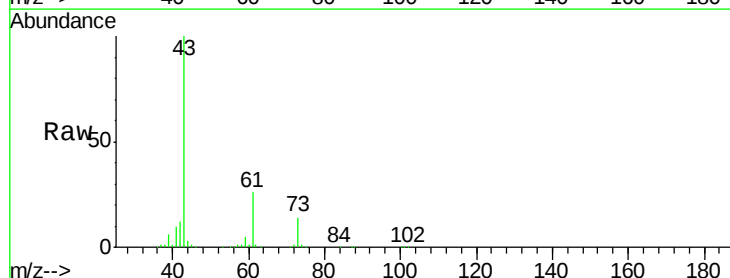
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132908ZHE#03

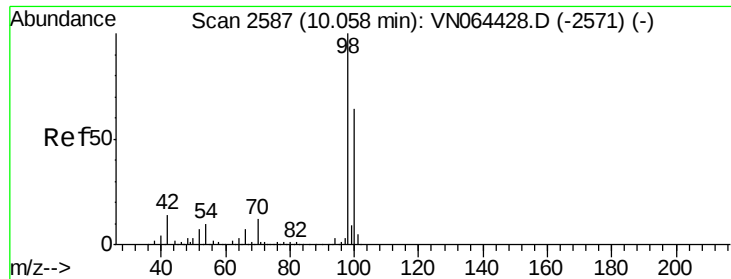
Tot Ion: 41 Resp: 5449  
Ion Ratio Lower Upper  
41 100  
69 0.0 60.4 90.6#  
39 0.0 51.2 76.8#



#49  
1,4-Dioxane  
Concen: 5.173 ug/l  
RT: 9.23 min Scan# 2330  
Delta R.T. 0.06 min  
Lab File: VN064537.D  
Acq: 10 Nov 2020 19:50

Tgt Ion: 88 Resp: 290  
Ion Ratio Lower Upper  
88 100  
43 583631.4 31.0 46.6#  
58 3147.6 58.4 87.6#





#50

Toluene-d8

Concen: 52.719 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064537.D

Acq: 10 Nov 2020 19:50

Instrument :

MSVOA\_N

ClientSampleId :

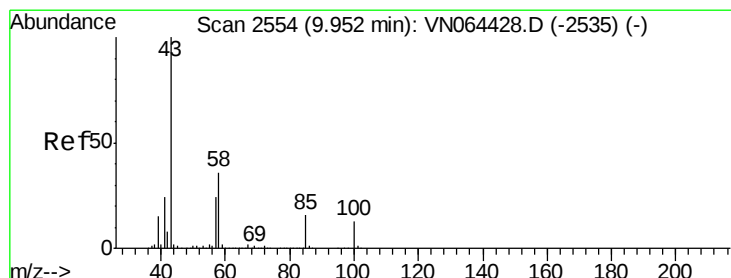
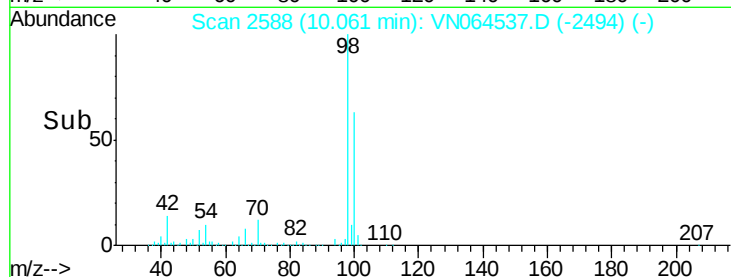
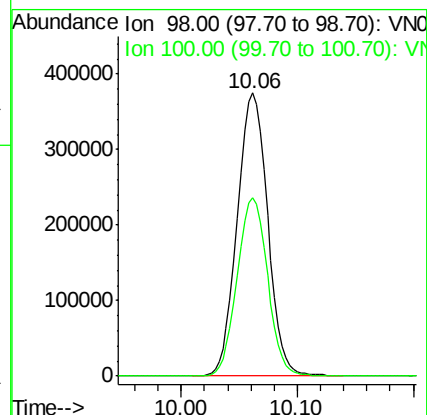
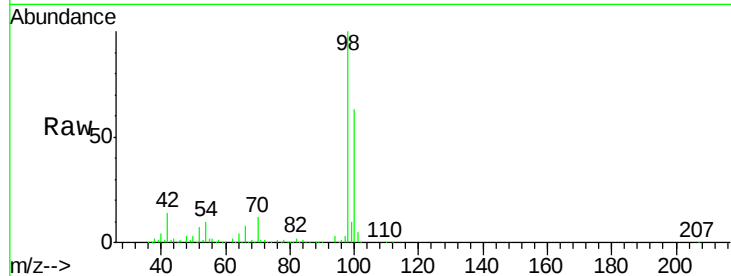
PB132908ZHE#03

Tot Ion: 98 Resp: 683550

Ion Ratio Lower Upper

98 100

100 63.0 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 1.238 ug/l

RT: 9.96 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN064537.D

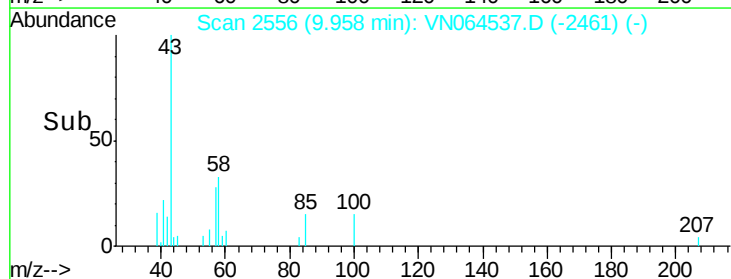
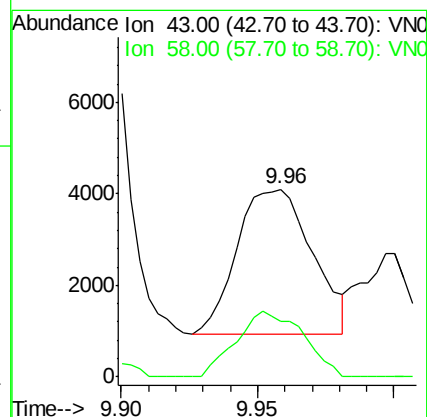
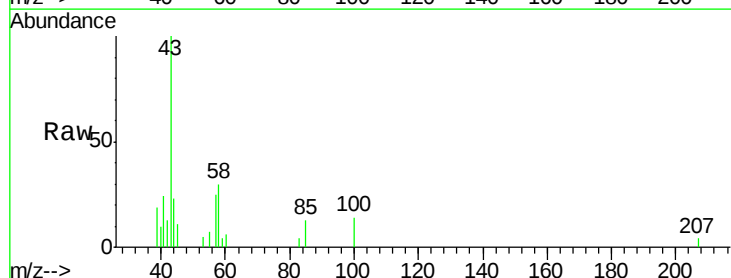
Acq: 10 Nov 2020 19:50

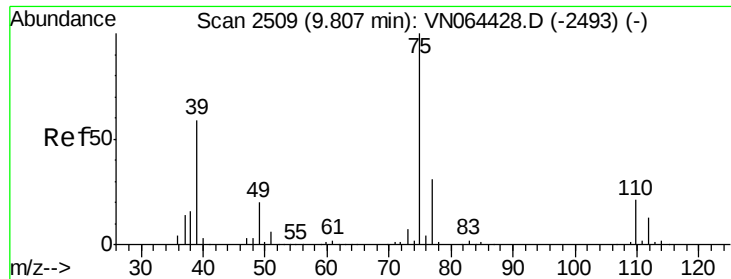
Tgt Ion: 43 Resp: 6088

Ion Ratio Lower Upper

43 100

58 40.2 28.4 42.6

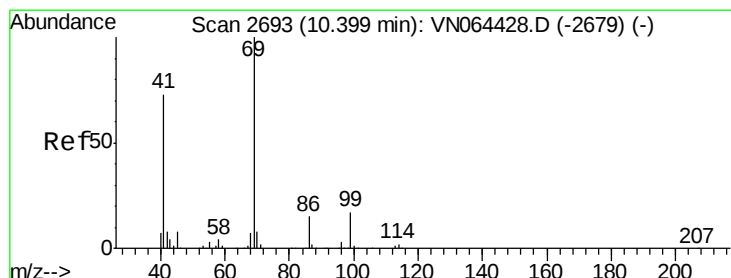
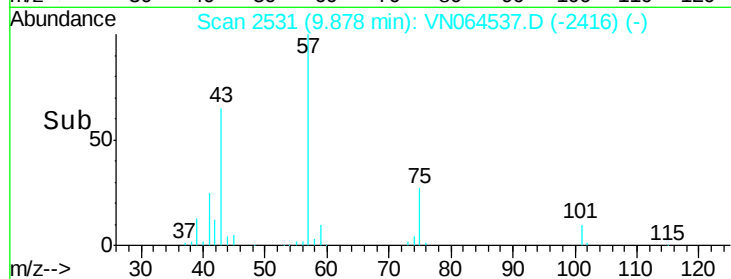
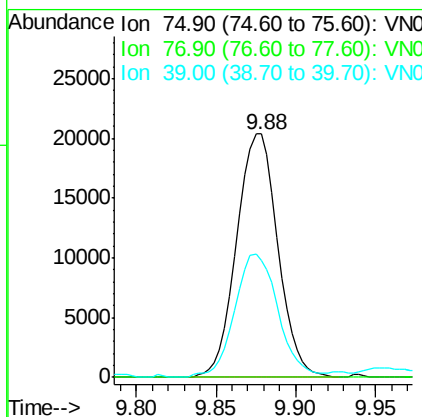
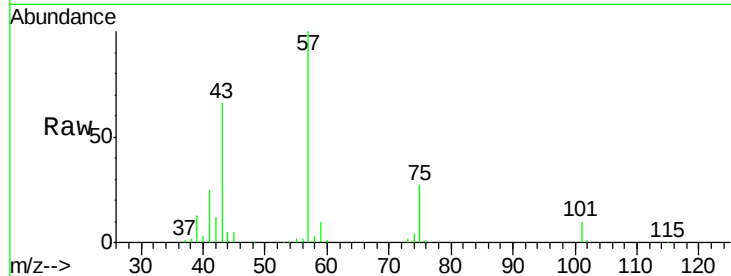




#54  
 cis-1,3-Dichloropropene  
 Concen: 5.467 ug/l  
 RT: 9.88 min Scan# 2531  
 Delta R.T. 0.07 min  
 Lab File: VN064537.D  
 Acq: 10 Nov 2020 19:50

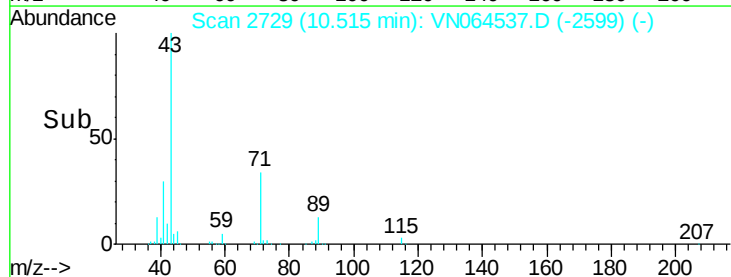
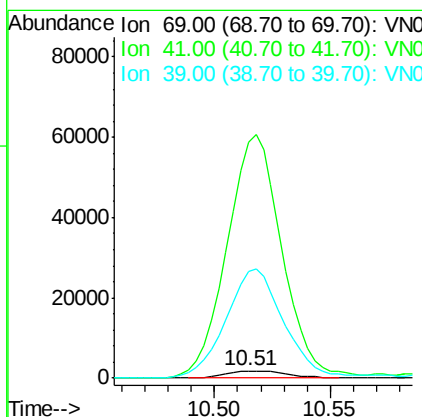
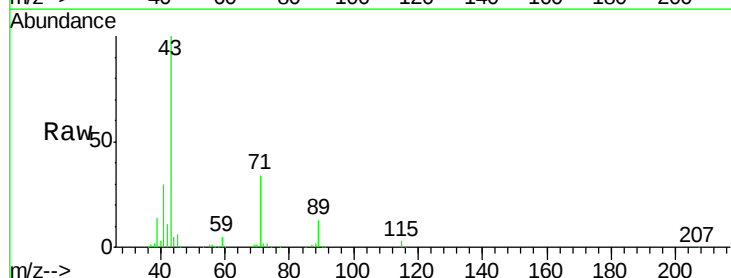
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132908ZHE#03

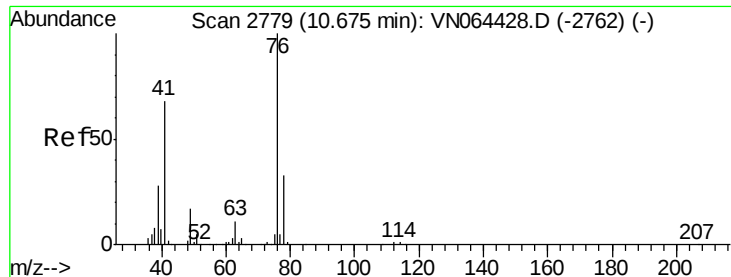
Tot Ion: 75 Resp: 35799  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 24.9 37.3#  
 39 48.1 47.1 70.7



#56  
 Ethyl methacrylate  
 Concen: 2.349 ug/l  
 RT: 10.51 min Scan# 2729  
 Delta R.T. 0.12 min  
 Lab File: VN064537.D  
 Acq: 10 Nov 2020 19:50

Tgt Ion: 69 Resp: 3157  
 Ion Ratio Lower Upper  
 69 100  
 41 3164.9 59.3 88.9#  
 39 1487.9 35.4 53.0#

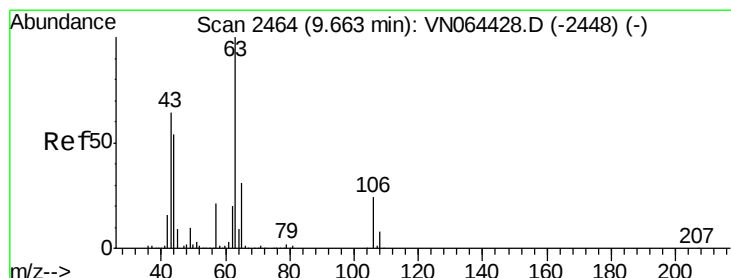
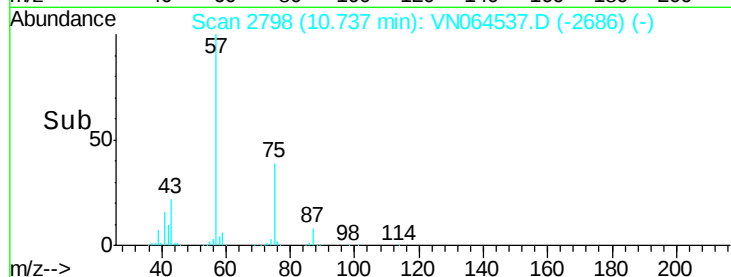
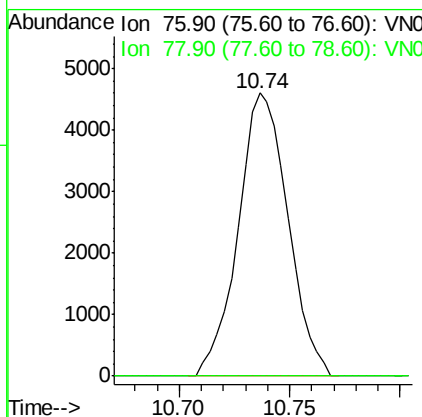
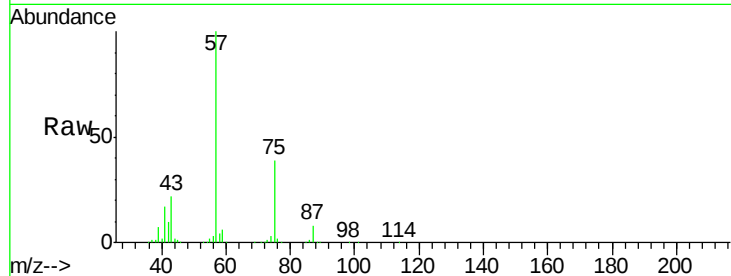




#57  
 1,3-Dichloropropane  
 Concen: 1.133 ug/l  
 RT: 10.74 min Scan# 2798  
 Delta R.T. 0.06 min  
 Lab File: VN064537.D  
 Acq: 10 Nov 2020 19:50

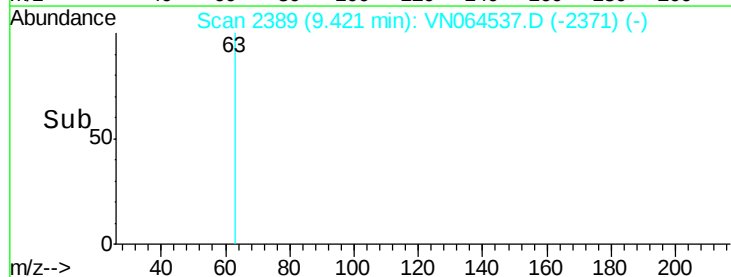
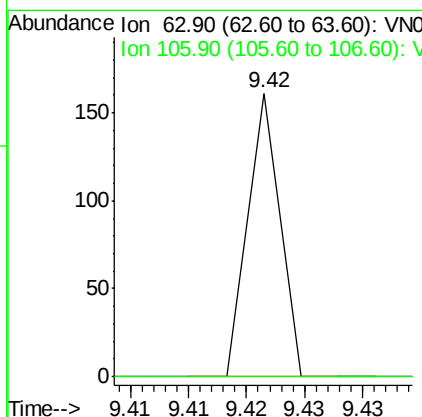
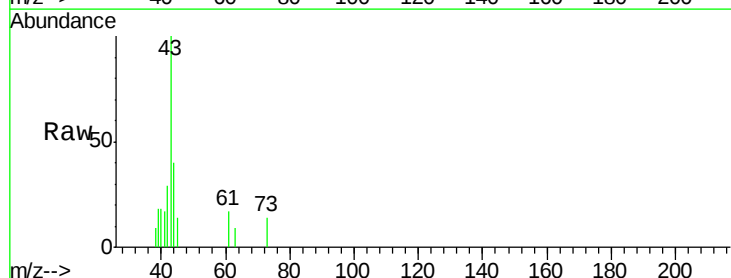
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132908ZHE#03

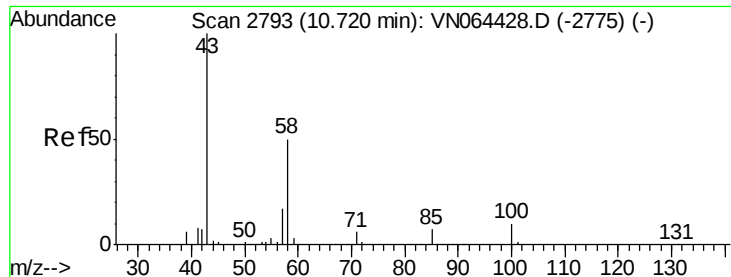
Tot Ion: 76 Resp: 7194  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 25.8 38.6#



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 21.548 ug/l  
 RT: 9.42 min Scan# 2389  
 Delta R.T. -0.24 min  
 Lab File: VN064537.D  
 Acq: 10 Nov 2020 19:50

Tgt Ion: 63 Resp: 31  
 Ion Ratio Lower Upper  
 63 100  
 106 0.0 19.5 29.3#

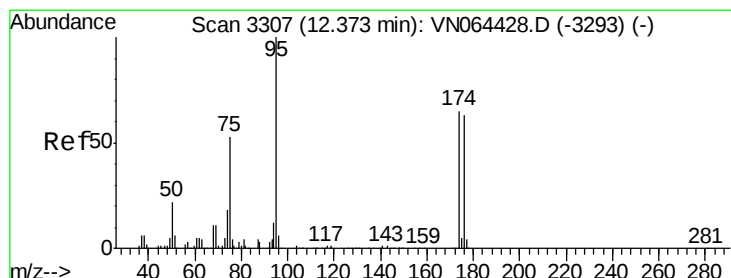
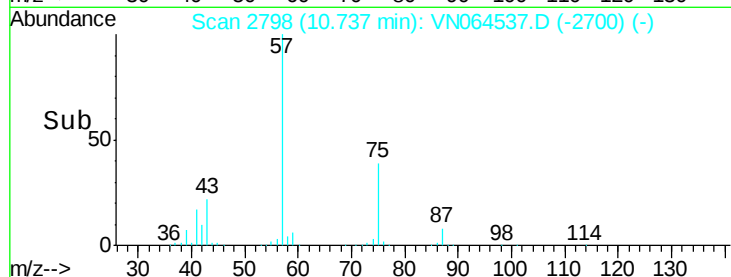
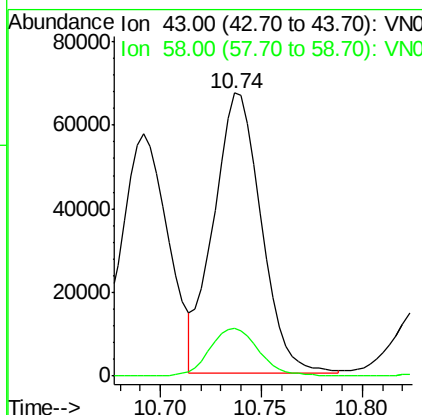
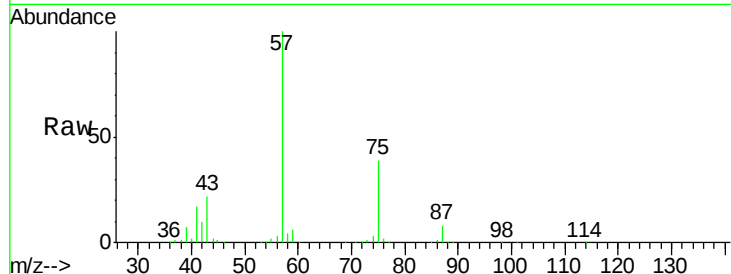




#59  
2-Hexanone  
Concen: 31.020 ug/l  
RT: 10.74 min Scan# 2798  
Delta R.T. 0.02 min  
Lab File: VN064537.D  
Acq: 10 Nov 2020 19:50

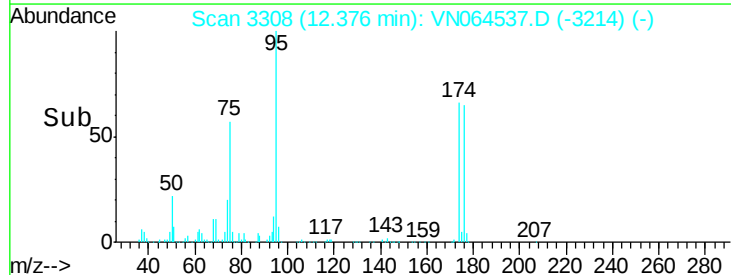
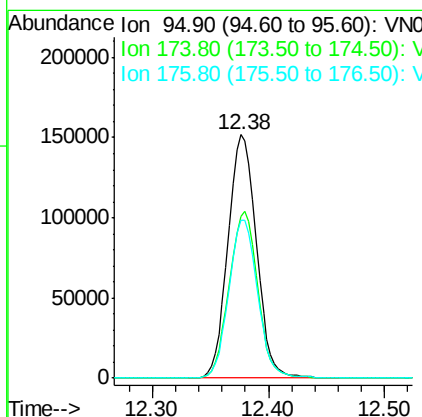
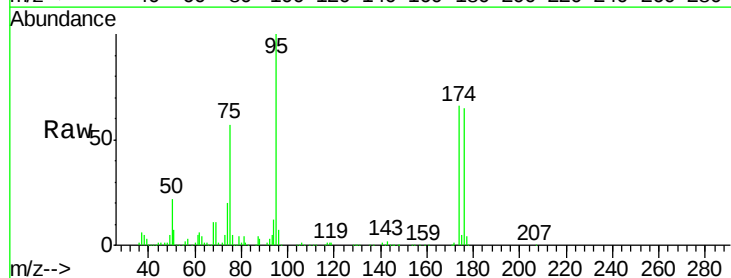
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132908ZHE#03

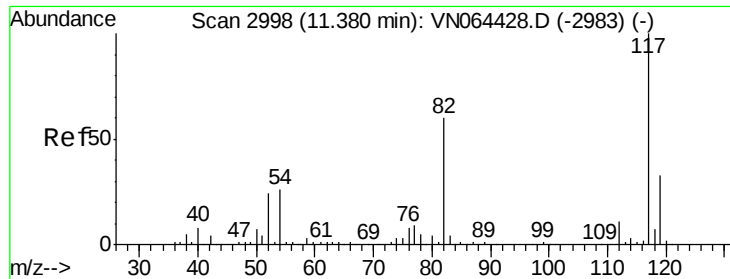
Tot Ion: 43 Resp: 110047  
Ion Ratio Lower Upper  
43 100  
58 17.8 24.7 74.1#



#62  
4-Bromofluorobenzene  
Concen: 52.471 ug/l  
RT: 12.38 min Scan# 3308  
Delta R.T. 0.00 min  
Lab File: VN064537.D  
Acq: 10 Nov 2020 19:50

Tgt Ion: 95 Resp: 257292  
Ion Ratio Lower Upper  
95 100  
174 68.7 0.0 132.6  
176 65.6 0.0 129.2

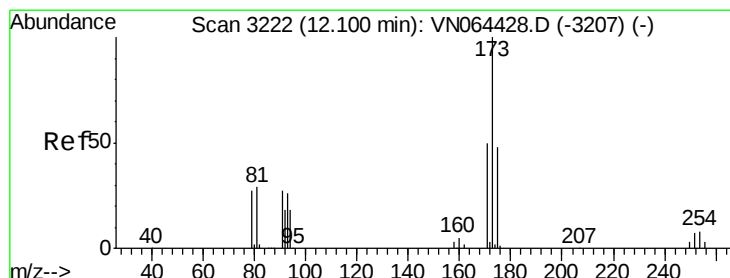
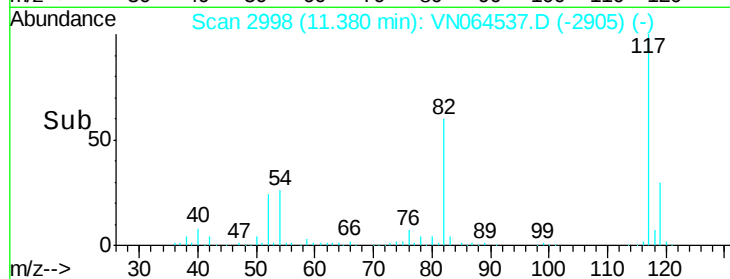
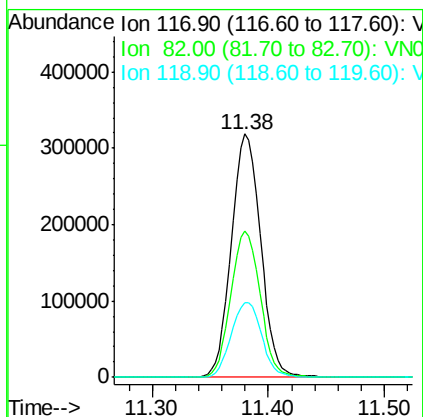
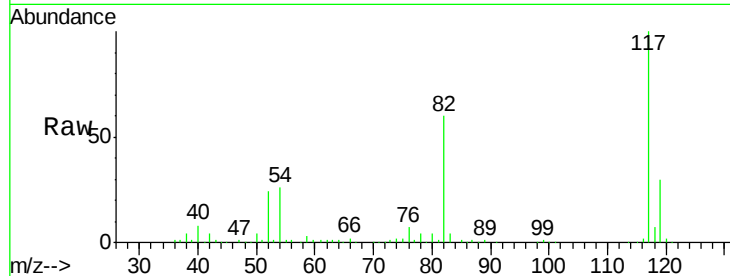




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. -0.00 min  
Lab File: VN064537.D  
Acq: 10 Nov 2020 19:50

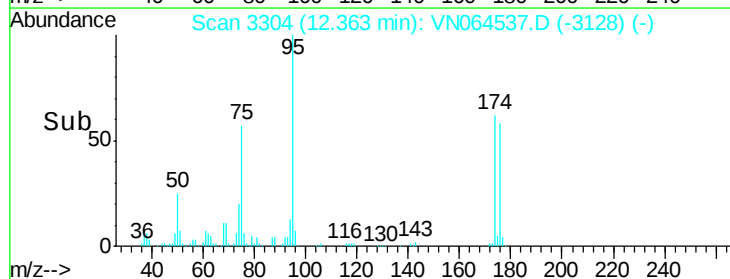
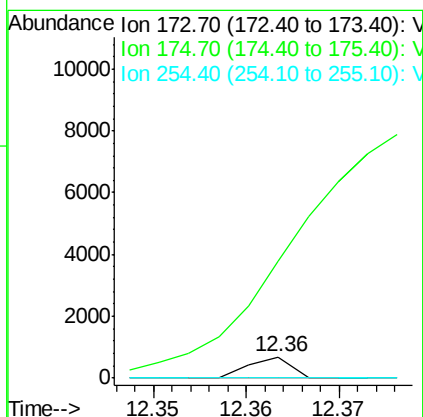
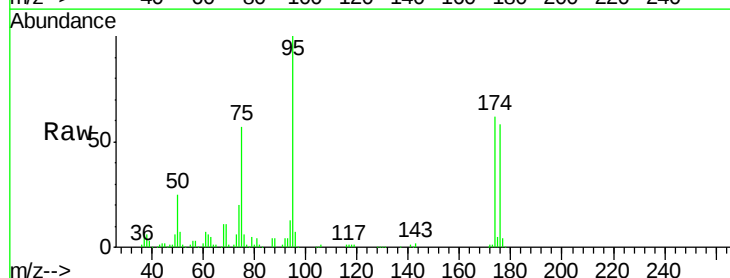
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB132908ZHE#03

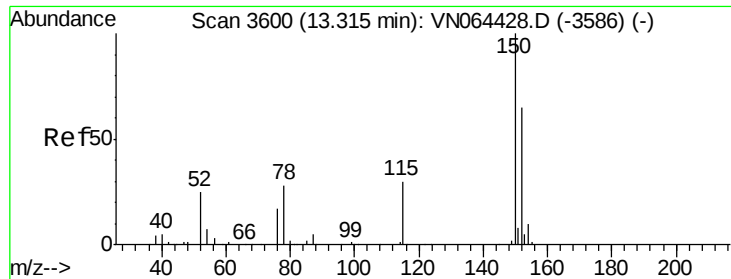
Tot Ion:117 Resp: 558488  
Ion Ratio Lower Upper  
117 100  
82 60.3 48.1 72.1  
119 30.5 26.2 39.4



#71  
Bromoform  
Concen: 1.336 ug/l  
RT: 12.36 min Scan# 3304  
Delta R.T. 0.26 min  
Lab File: VN064537.D  
Acq: 10 Nov 2020 19:50

Tgt Ion:173 Resp: 215  
Ion Ratio Lower Upper  
173 100  
175 5157.2 23.7 71.1#  
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064537.D

Acq: 10 Nov 2020 19:50

Instrument :

MSVOA\_N

ClientSampleId :

PB132908ZHE#03

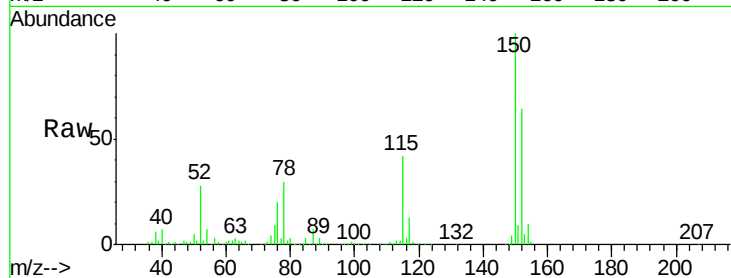
Tot Ion:152 Resp: 198439

Ion Ratio Lower Upper

152 100

115 65.8 32.0 96.0

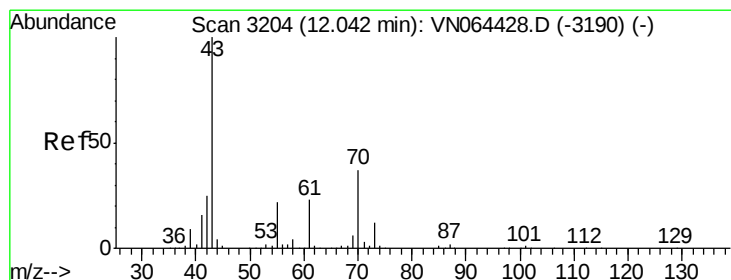
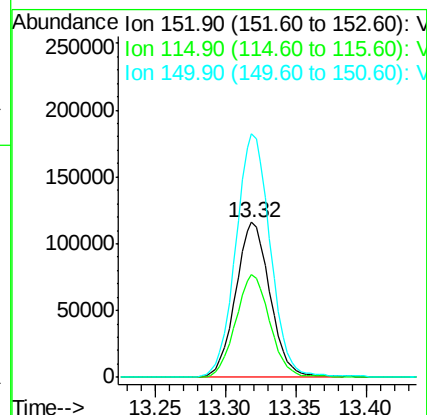
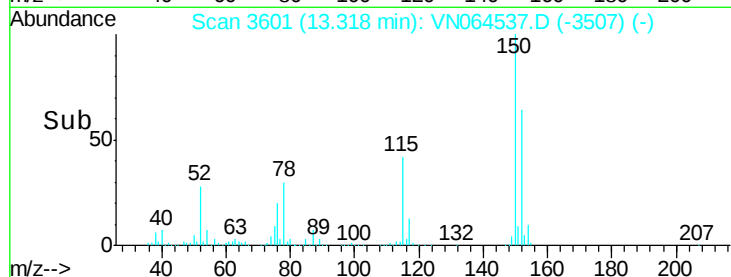
150 157.3 0.0 353.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 1.621 ug/l

RT: 12.01 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN064537.D

Acq: 10 Nov 2020 19:50

Tgt Ion: 43 Resp: 3189

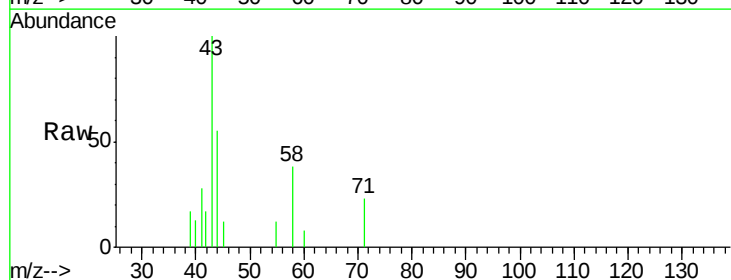
Ion Ratio Lower Upper

43 100

70 0.0 29.6 44.4#

55 10.1 18.4 27.6#

61 0.0 17.8 26.6#

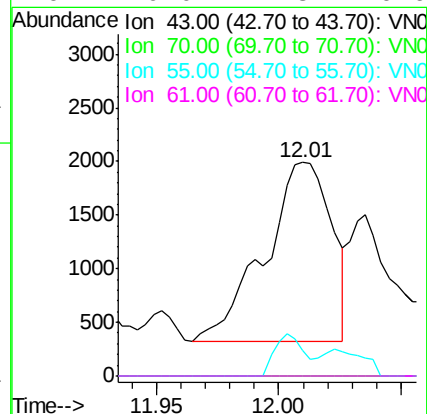
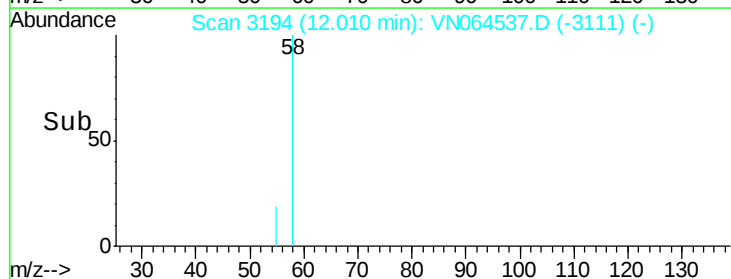


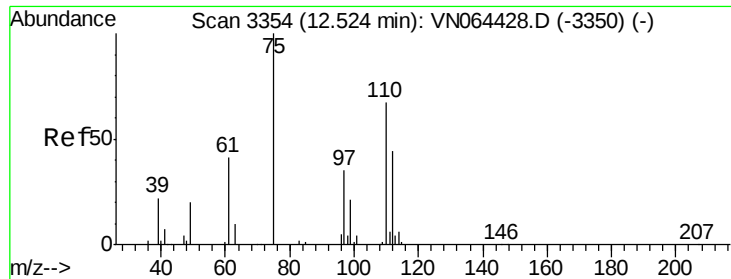
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

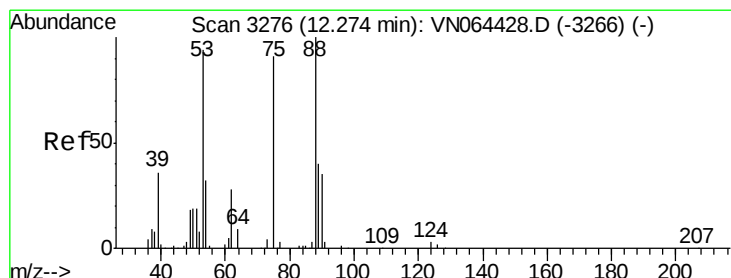
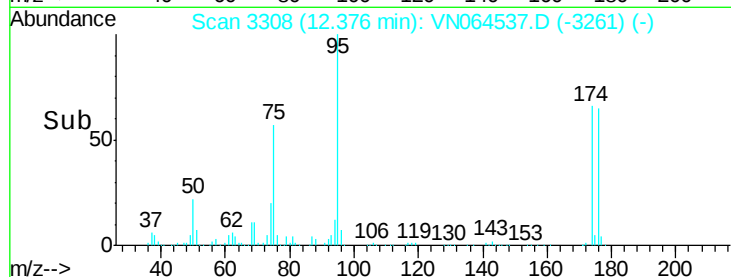
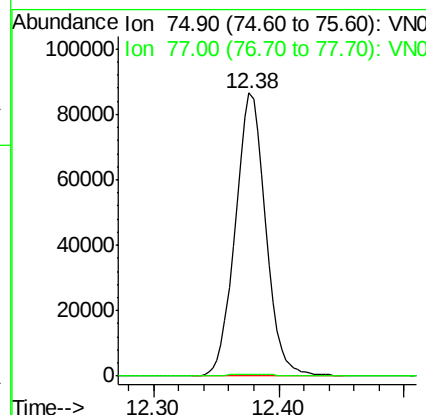
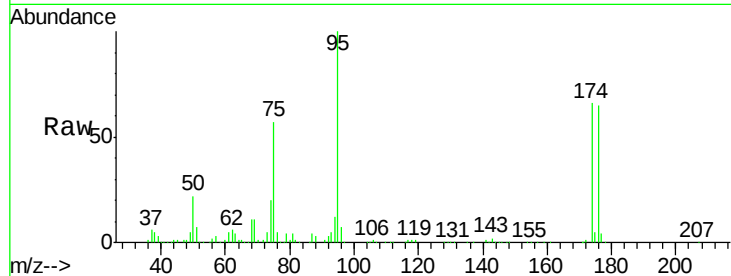




#76  
 1,2,3-Trichloropropane  
 Concen: 30.256 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. -0.15 min  
 Lab File: VN064537.D  
 Acq: 10 Nov 2020 19:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB132908ZHE#03

Tot Ion: 75 Resp: 145471  
 Ion Ratio Lower Upper  
 75 100  
 77 1.1 0.0 0.0#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 84.478 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. 0.10 min  
 Lab File: VN064537.D  
 Acq: 10 Nov 2020 19:50

Tgt Ion: 75 Resp: 145471  
 Ion Ratio Lower Upper  
 75 100  
 53 0.2 84.0 126.0#  
 89 0.0 36.3 54.5#

