

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN101019\  
 Data File : VN058648.D  
 Acq On : 9 Oct 2019 18:26  
 Operator : JC/SP  
 Sample : PB12371TB  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB12371TB

Quant Time: Oct 10 04:39:33 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N092719W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 30 08:07:38 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 431057   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 682454   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 608550   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 236408   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.01  | 65   | 307683   | 48.84 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 97.68%  |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 223832   | 53.51 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 107.02% |          |
| 50) Toluene-d8              | 10.08 | 98   | 886180   | 54.08 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 108.16% |          |
| 62) 4-Bromofluorobenzene    | 12.41 | 95   | 285446   | 48.18 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 96.36%  |          |

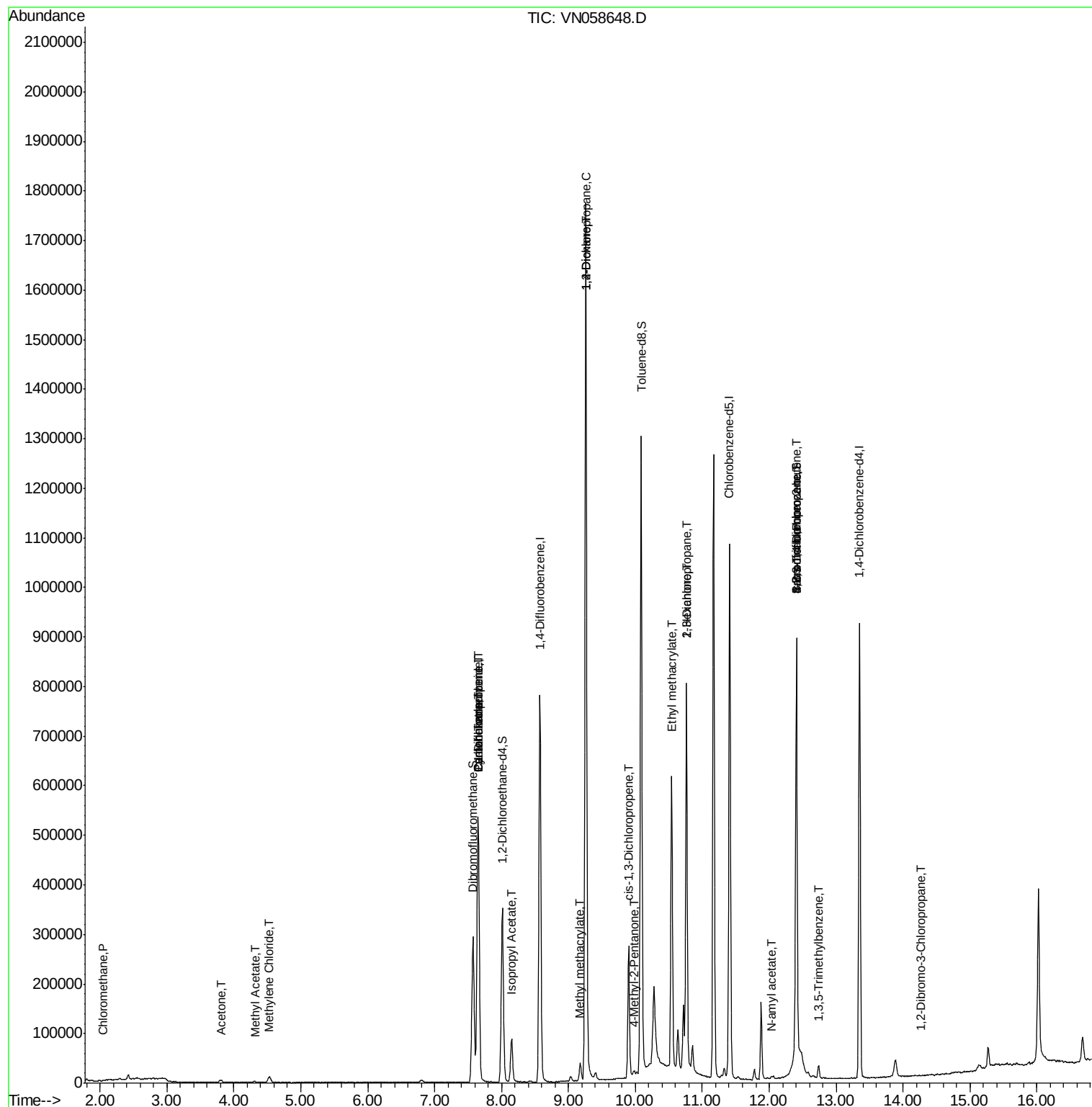
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 2.04  | 50   | 1534     | 0.295     | ug/l # | 74     |
| 16) Acetone                    | 3.80  | 43   | 9633     | 4.486     | ug/l   | 99     |
| 18) Methyl Acetate             | 4.31  | 43   | 3894     | 0.721     | ug/l # | 62     |
| 20) Methylene Chloride         | 4.53  | 84   | 4805     | 0.970     | ug/l   | 96     |
| 31) Cyclohexane                | 7.65  | 56   | 9941     | 1.140     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.65  | 75   | 35689    | 5.469     | ug/l # | 51     |
| 38) Carbon Tetrachloride       | 7.65  | 117  | 43774    | 7.432     | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.15  | 43   | 104535   | 10.048    | ug/l   | 100    |
| 45) 1,2-Dichloropropane        | 9.26  | 63   | 2369     | 0.471     | ug/l # | 43     |
| 48) Methyl methacrylate        | 9.17  | 41   | 5595     | 1.181     | ug/l # | 13     |
| 49) 1,4-Dioxane                | 9.26  | 88   | 164      | 2.589     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 6952     | 1.301     | ug/l   | 96     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 45190    | 6.196     | ug/l # | 63     |
| 56) Ethyl methacrylate         | 10.54 | 69   | 2358     | 0.361     | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 8133     | 1.061     | ug/l # | 43     |
| 59) 2-Hexanone                 | 10.76 | 43   | 117665   | 30.238    | ug/l # | 54     |
| 60) Dibromochloromethane       | 10.63 | 129  | 59       | Below Cal | #      | 11     |
| 71) Bromoform                  | 12.41 | 173  | 920      | 1.017     | ug/l # | 1      |
| 74) N-amyl acetate             | 12.03 | 43   | 4775     | 0.687     | ug/l # | 46     |
| 76) 1,2,3-Trichloropropane     | 12.41 | 75   | 151022   | 34.975    | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 12696    | 0.868     | ug/l   | 98     |
| 81) trans-1,4-Dichloro-2-buten | 12.41 | 75   | 151022   | 106.223   | ug/l # | 7      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 418      | 0.459     | ug/l # | 5      |

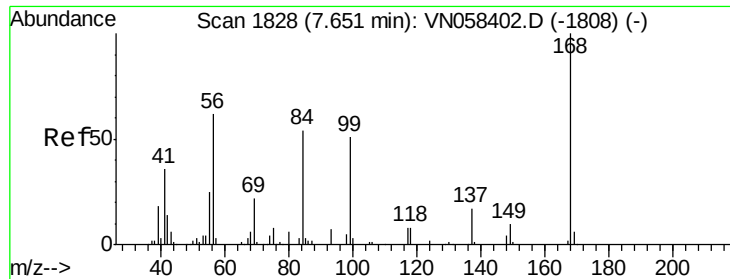
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 30 08:07:38 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

Instrument :

MSVOA\_N

ClientSampleId :

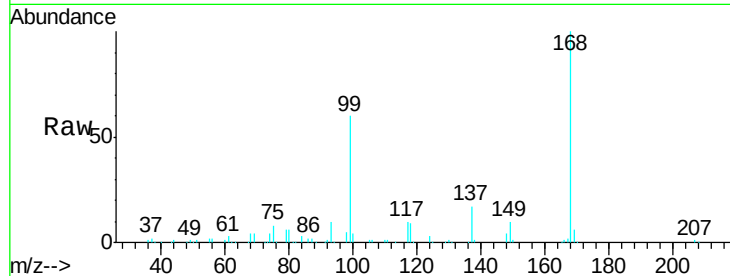
PB12371TB

Tgt Ion:168 Resp: 431057

Ion Ratio Lower Upper

168 100

99 59.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

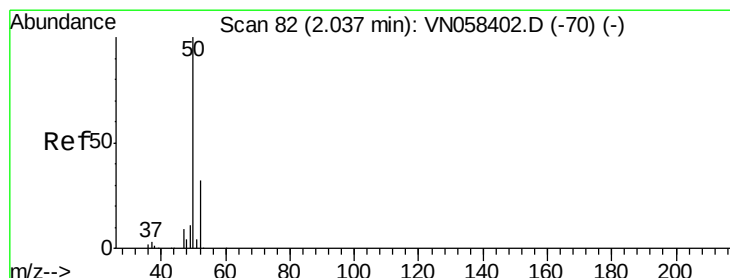
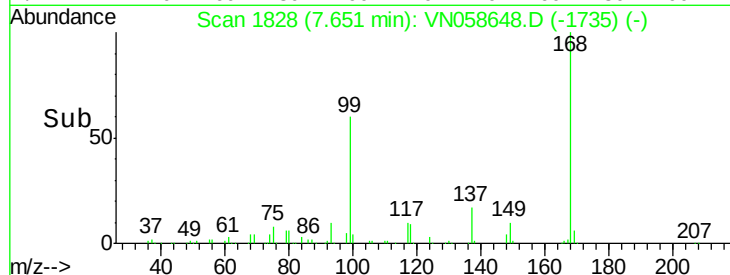
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.295 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058648.D

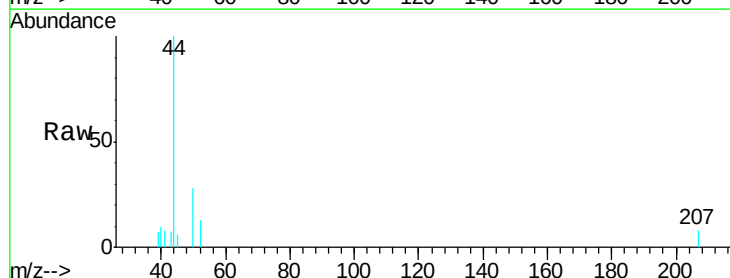
Acq: 9 Oct 2019 18:26

Tgt Ion: 50 Resp: 1534

Ion Ratio Lower Upper

50 100

52 47.0 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

1000

800

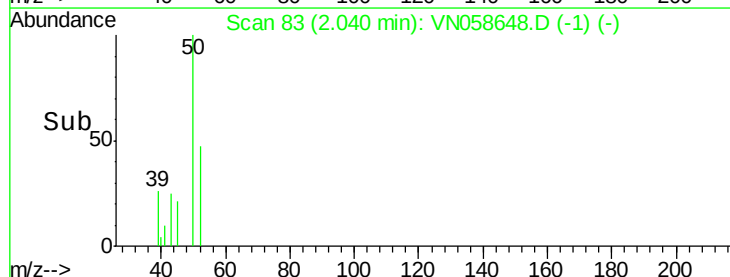
600

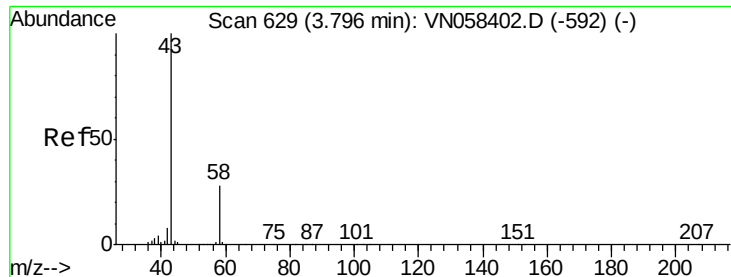
400

200

0

Time-->





#16

Acetone

Concen: 4.486 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

Instrument :

MSVOA\_N

ClientSampleId :

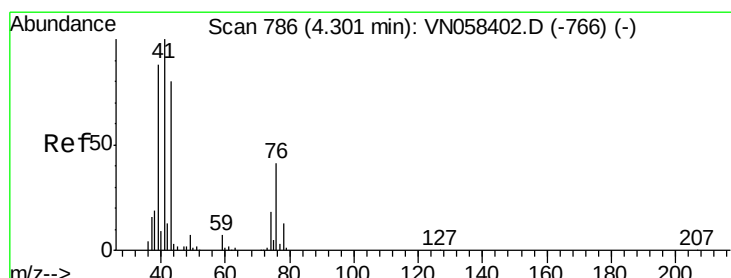
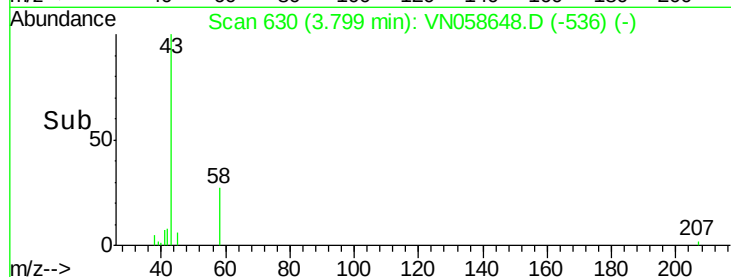
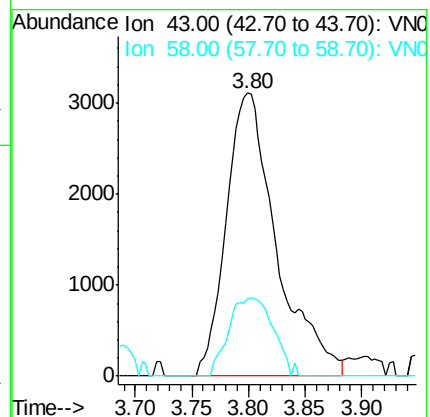
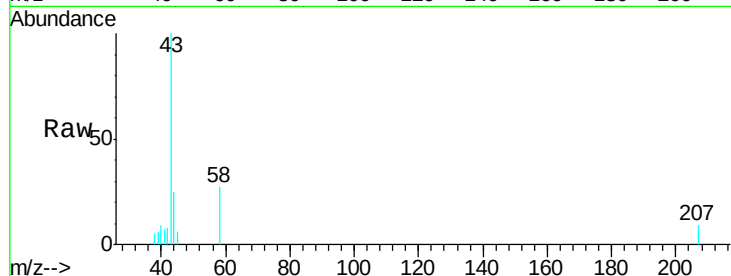
PB12371TB

Tgt Ion: 43 Resp: 9633

Ion Ratio Lower Upper

43 100

58 27.3 22.4 33.6



#18

Methyl Acetate

Concen: 0.721 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.01 min

Lab File: VN058648.D

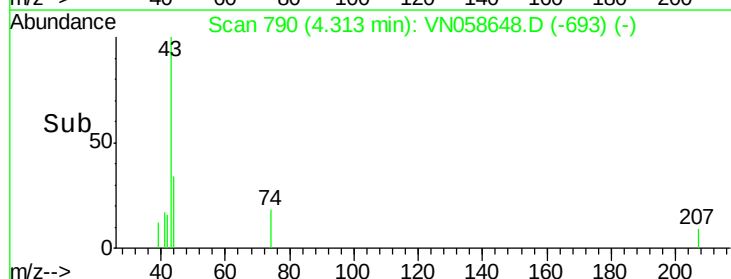
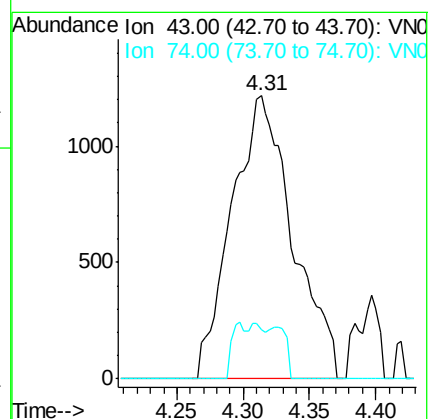
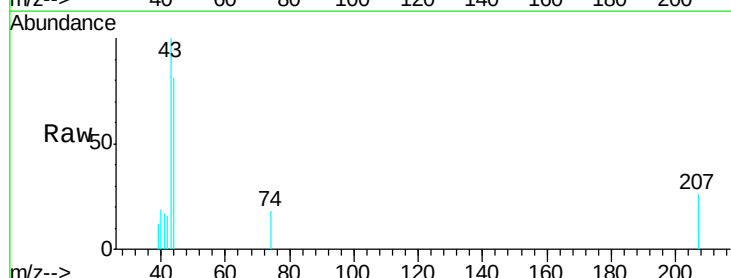
Acq: 9 Oct 2019 18:26

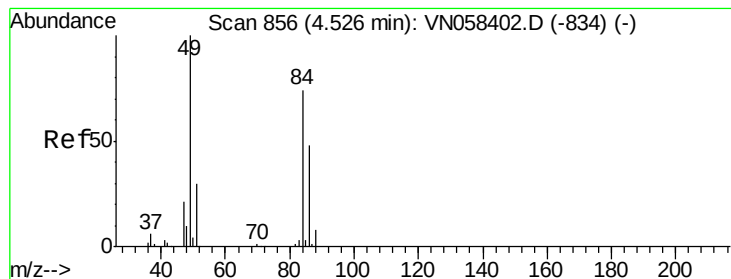
Tgt Ion: 43 Resp: 3894

Ion Ratio Lower Upper

43 100

74 4.2 18.0 27.0#





#20

Methylene Chloride

Concen: 0.970 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

Instrument :

MSVOA\_N

ClientSampleId :

PB12371TB

Tgt Ion: 84 Resp: 4805

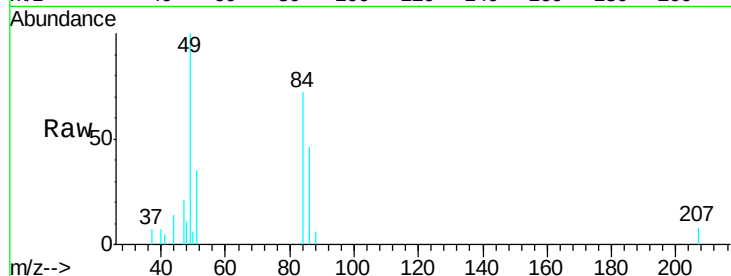
Ion Ratio Lower Upper

84 100

49 138.9 107.9 161.9

51 48.6 32.8 49.2

86 64.2 51.5 77.3

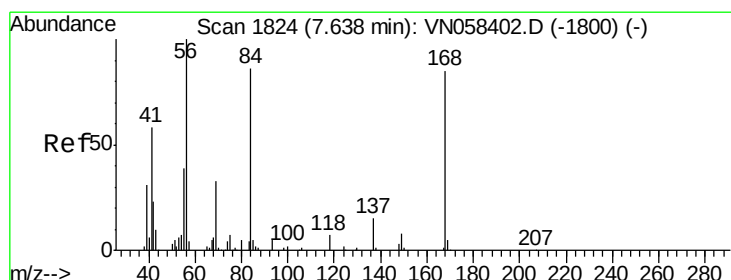
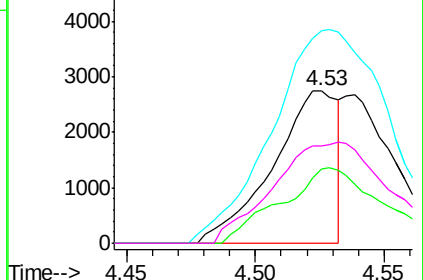
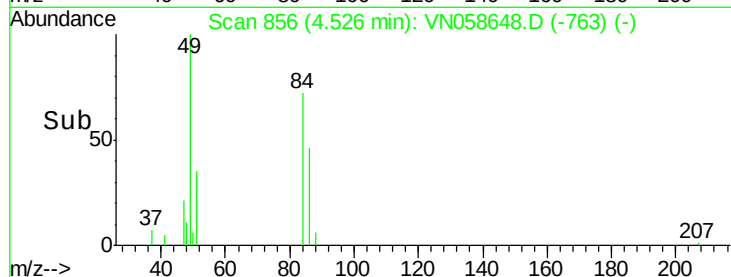


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#31

Cyclohexane

Concen: 1.140 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

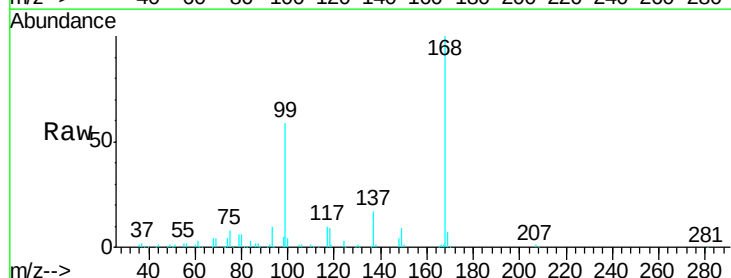
Tgt Ion: 56 Resp: 9941

Ion Ratio Lower Upper

56 100

69 181.1 26.2 39.4#

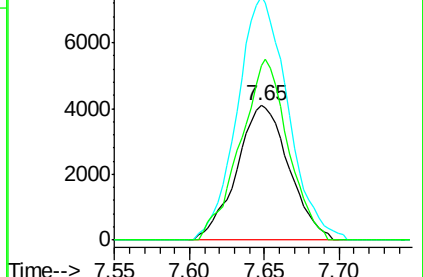
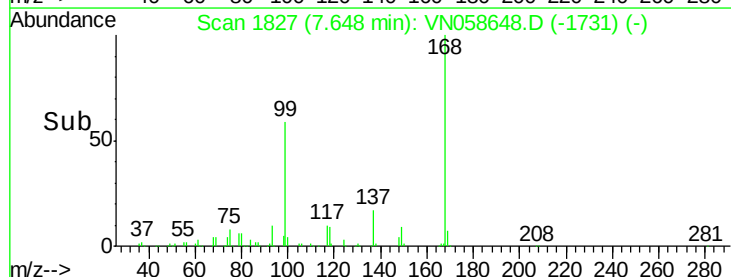
84 129.4 67.6 101.4#

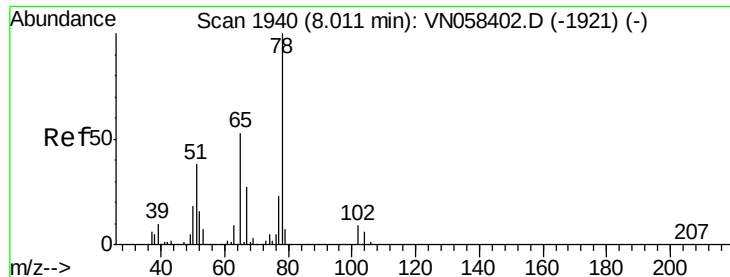


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

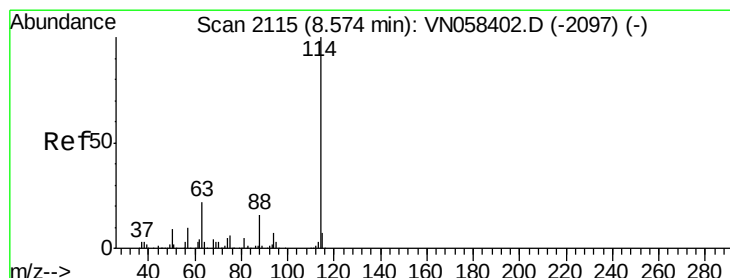
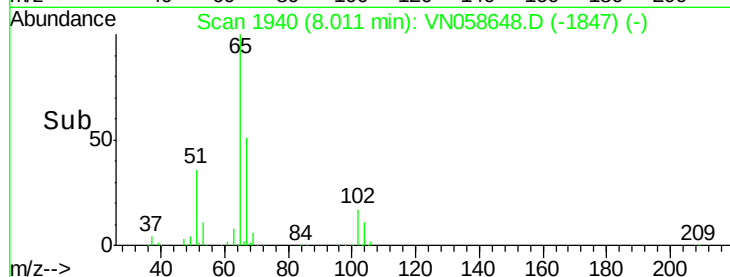
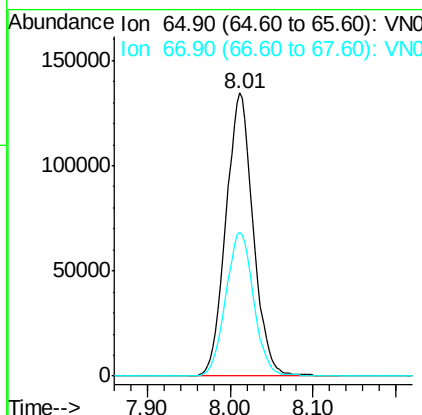
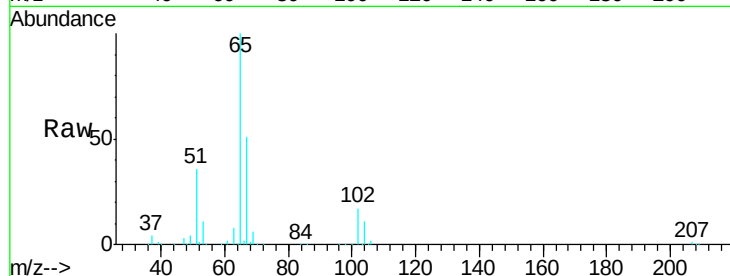




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.845 ug/l  
 RT: 8.01 min Scan# 1940  
 Delta R.T. -0.00 min  
 Lab File: VN058648.D  
 Acq: 9 Oct 2019 18:26

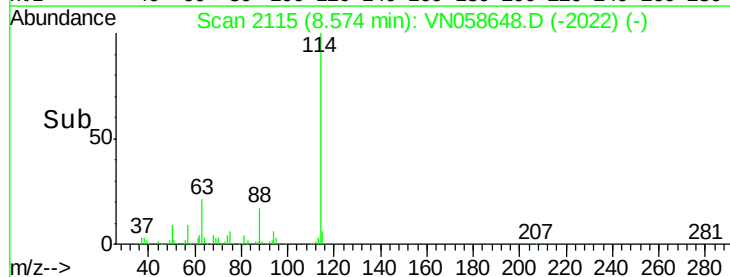
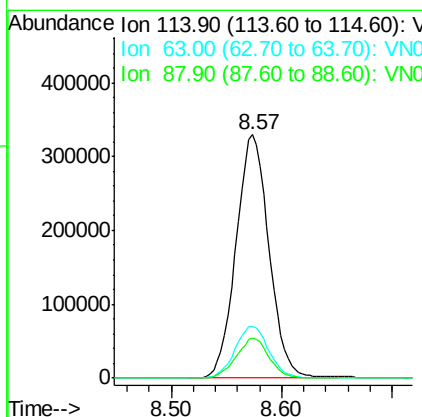
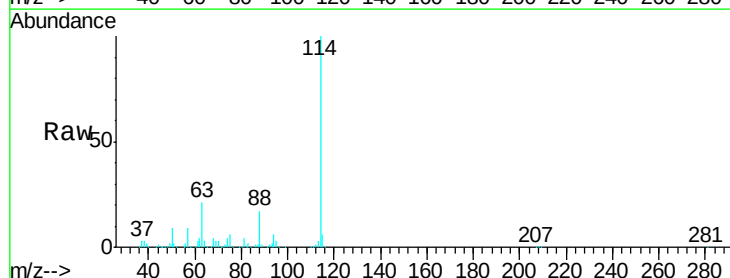
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 PB12371TB

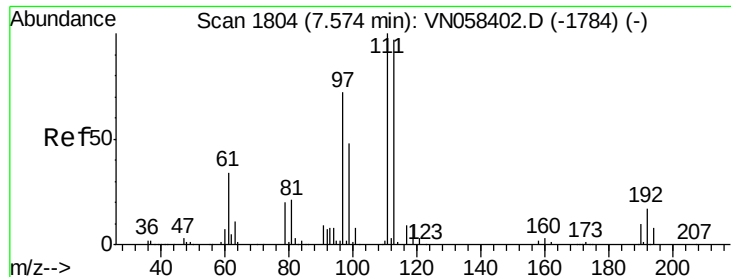
Tgt Ion: 65 Resp: 307683  
 Ion Ratio Lower Upper  
 65 100  
 67 52.0 0.0 102.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2115  
 Delta R.T. -0.00 min  
 Lab File: VN058648.D  
 Acq: 9 Oct 2019 18:26

Tgt Ion: 114 Resp: 682454  
 Ion Ratio Lower Upper  
 114 100  
 63 21.4 0.0 45.0  
 88 16.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 53.514 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

Instrument :

MSVOA\_N

ClientSampleId :

PB12371TB

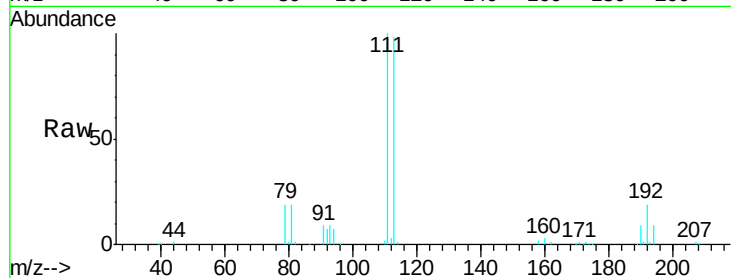
Tgt Ion:113 Resp: 223832

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

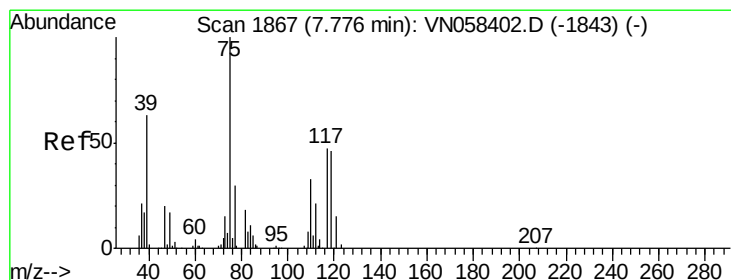
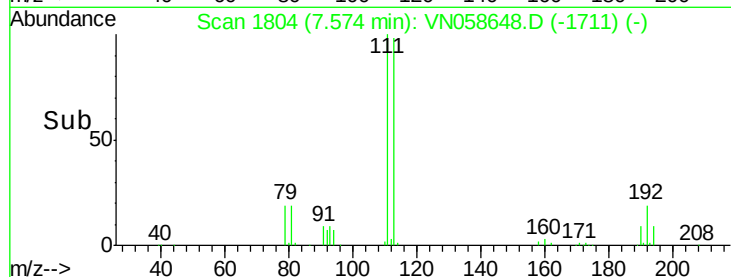
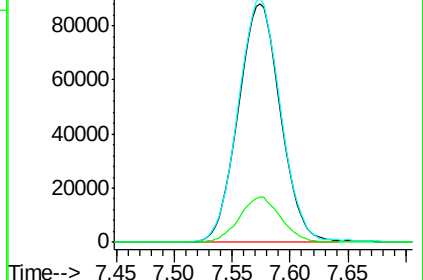
192 18.7 14.9 22.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.469 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.13 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

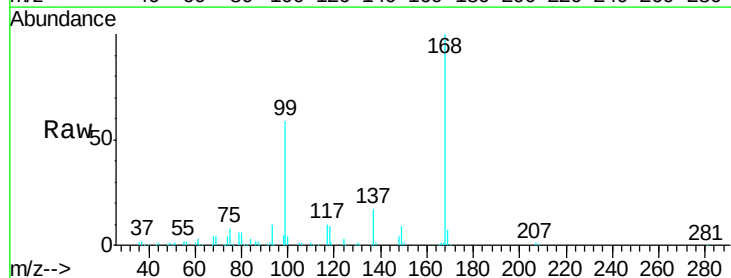
Tgt Ion: 75 Resp: 35689

Ion Ratio Lower Upper

75 100

110 8.9 16.4 49.2#

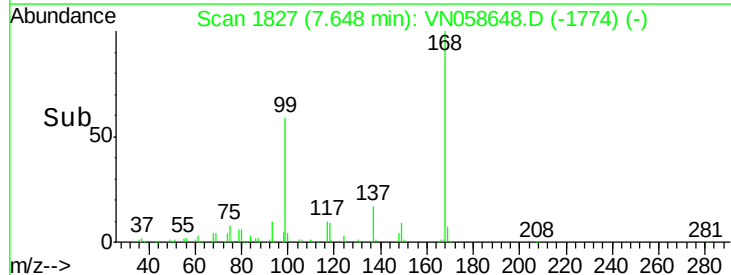
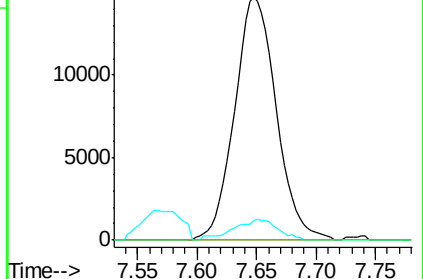
77 0.0 24.3 36.5#

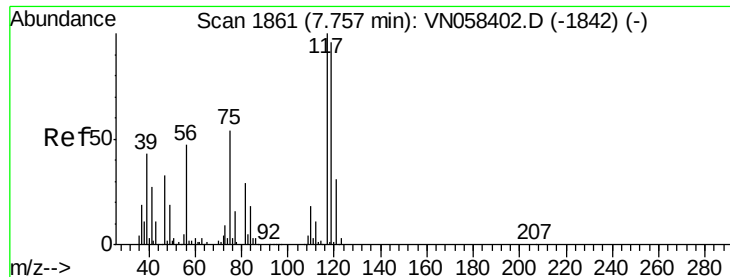


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO

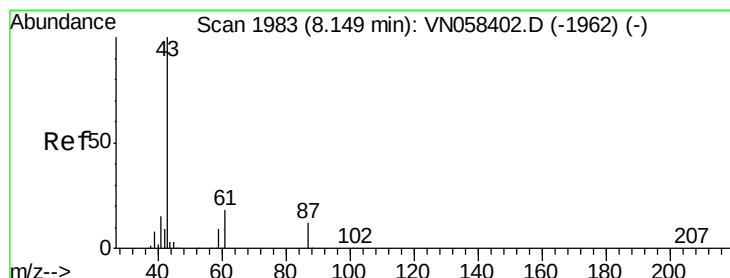
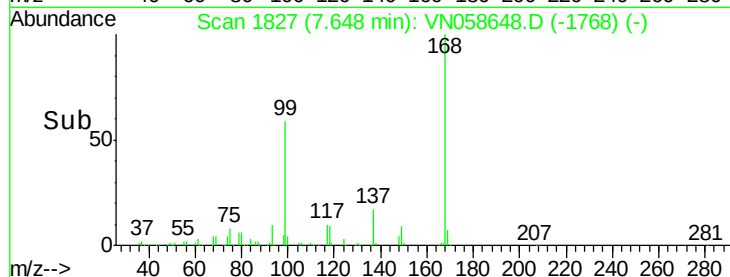
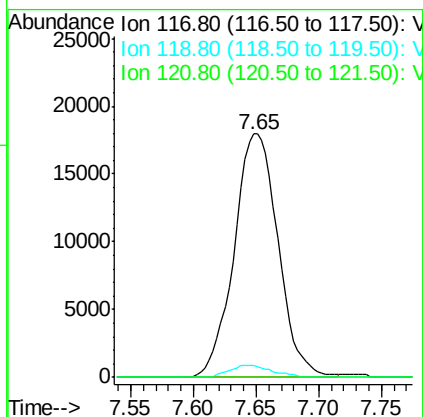
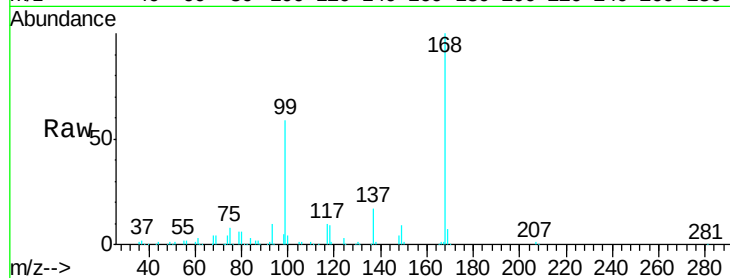




#38  
Carbon Tetrachloride  
Concen: 7.432 ug/l  
RT: 7.65 min Scan# 1827  
Delta R.T. -0.11 min  
Lab File: VN058648.D  
Acq: 9 Oct 2019 18:26

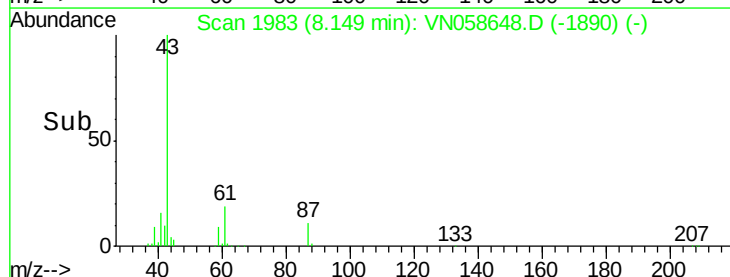
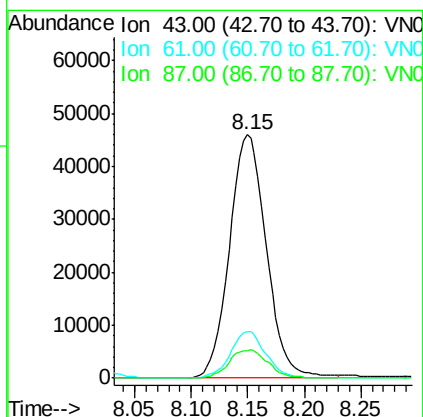
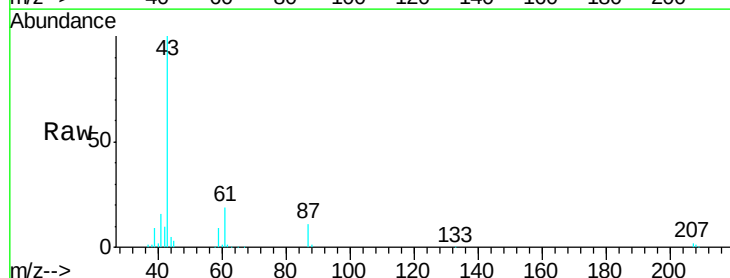
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB12371TB

Tgt Ion:117 Resp: 43774  
Ion Ratio Lower Upper  
117 100  
119 4.9 76.6 115.0#  
121 0.0 24.7 37.1#

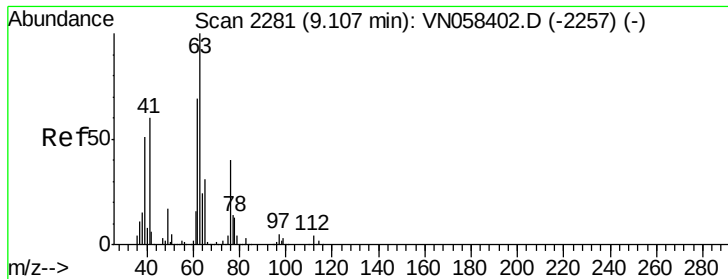


#43  
Isopropyl Acetate  
Concen: 10.048 ug/l  
RT: 8.15 min Scan# 1983  
Delta R.T. 0.00 min  
Lab File: VN058648.D  
Acq: 9 Oct 2019 18:26

Tgt Ion: 43 Resp: 104535  
Ion Ratio Lower Upper  
43 100  
61 18.2 14.8 22.2  
87 12.1 9.7 14.5



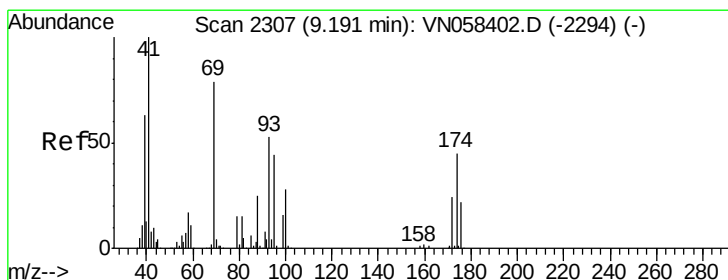
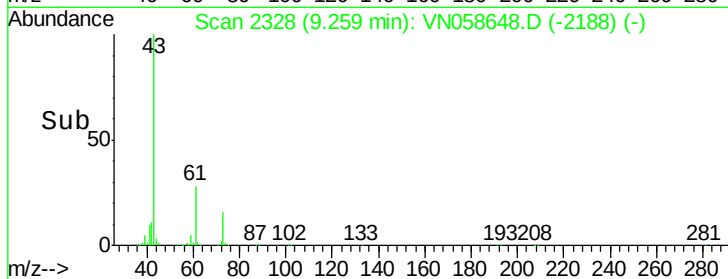
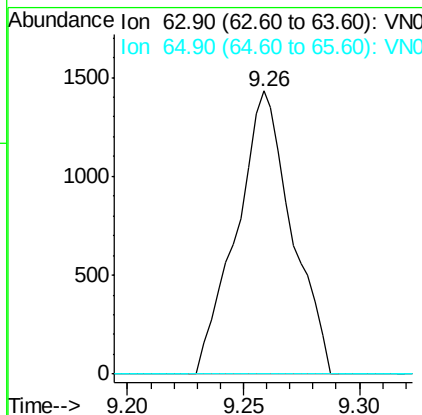
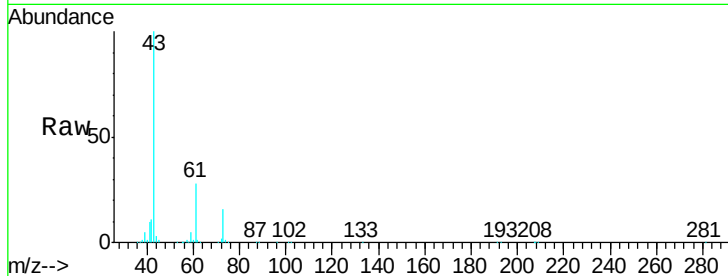




#45  
 1,2-Dichloropropane  
 Concen: 0.471 ug/l  
 RT: 9.26 min Scan# 2328  
 Delta R.T. 0.15 min  
 Lab File: VN058648.D  
 Acq: 9 Oct 2019 18:26

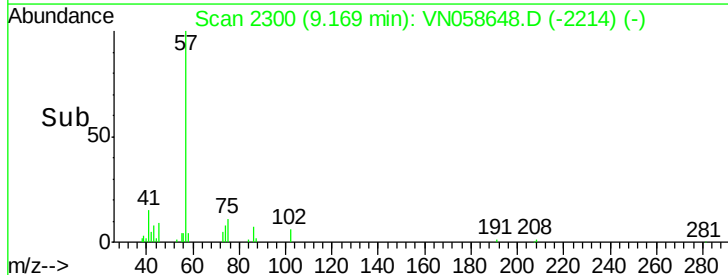
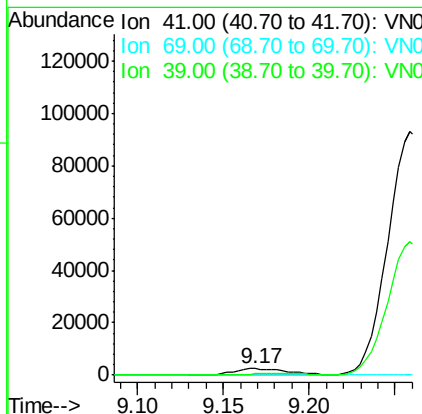
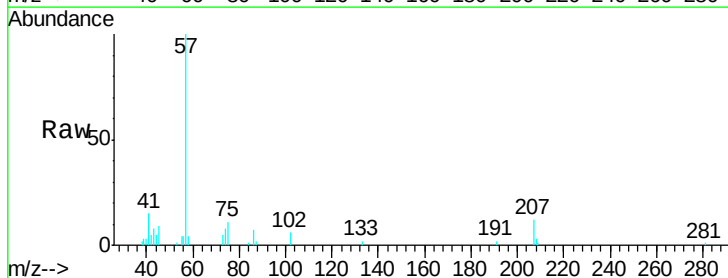
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB12371TB

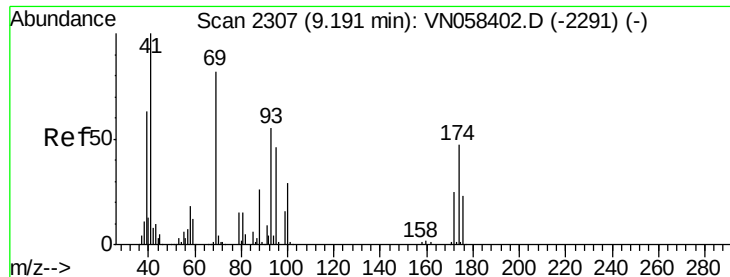
Tgt Ion: 63 Resp: 2369  
 Ion Ratio Lower Upper  
 63 100  
 65 0.0 25.0 37.4#



#48  
 Methyl methacrylate  
 Concen: 1.181 ug/l  
 RT: 9.17 min Scan# 2300  
 Delta R.T. -0.02 min  
 Lab File: VN058648.D  
 Acq: 9 Oct 2019 18:26

Tgt Ion: 41 Resp: 5595  
 Ion Ratio Lower Upper  
 41 100  
 69 0.0 64.7 97.1#  
 39 0.0 52.9 79.3#

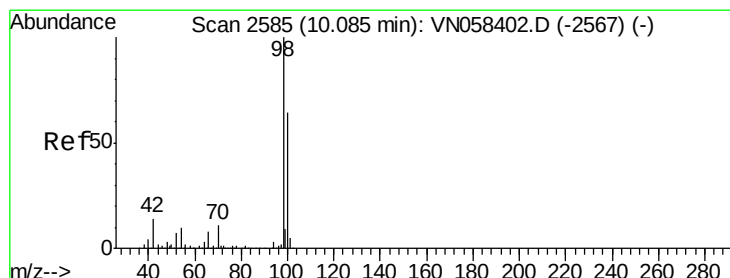
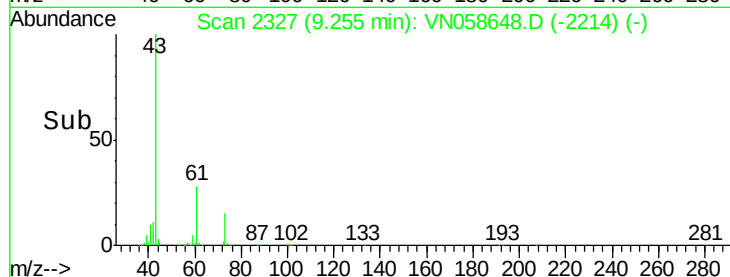
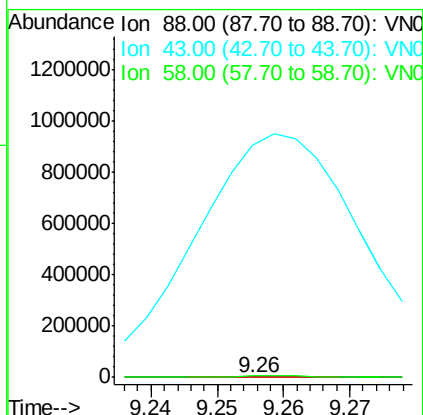
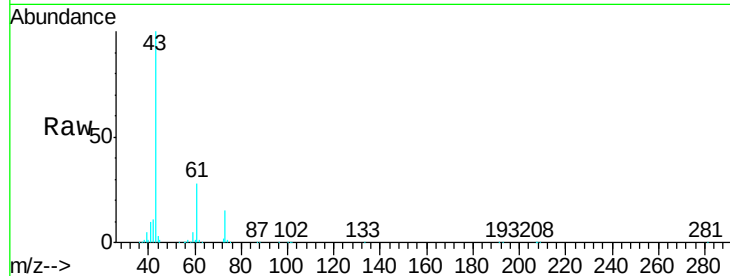




#49  
 1,4-Dioxane  
 Concen: 2.589 ug/l  
 RT: 9.26 min Scan# 2327  
 Delta R.T. 0.06 min  
 Lab File: VN058648.D  
 Acq: 9 Oct 2019 18:26

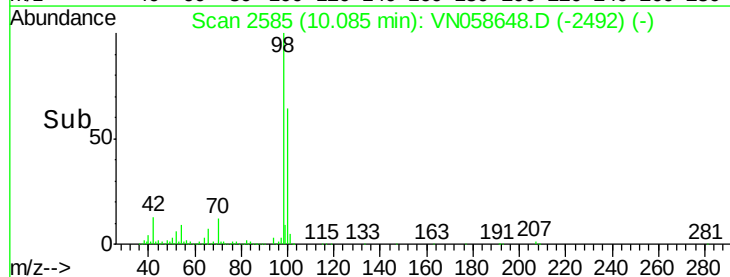
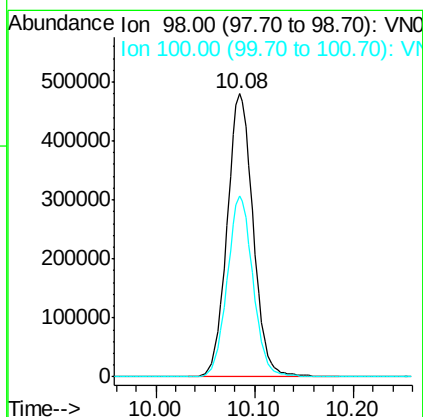
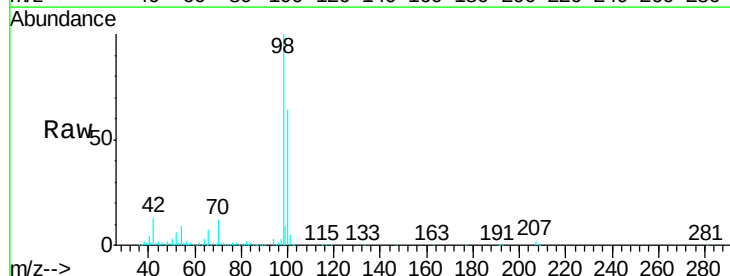
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB12371TB

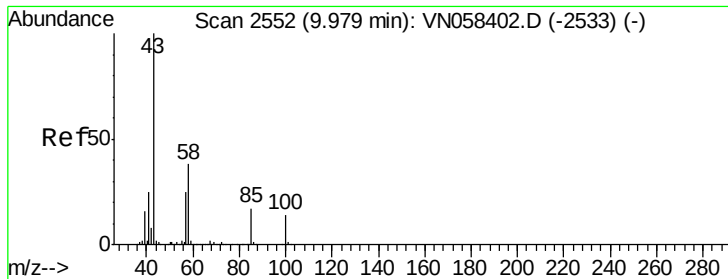
Tgt Ion: 88 Resp: 164  
 Ion Ratio Lower Upper  
 88 100  
 43 1080233.5 31.1 46.7#  
 58 5109.1 58.1 87.1#



#50  
 Toluene-d8  
 Concen: 54.084 ug/l  
 RT: 10.08 min Scan# 2585  
 Delta R.T. 0.00 min  
 Lab File: VN058648.D  
 Acq: 9 Oct 2019 18:26

Tgt Ion: 98 Resp: 886180  
 Ion Ratio Lower Upper  
 98 100  
 100 63.5 51.0 76.6

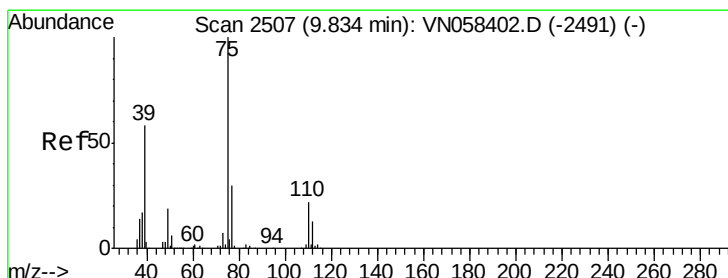
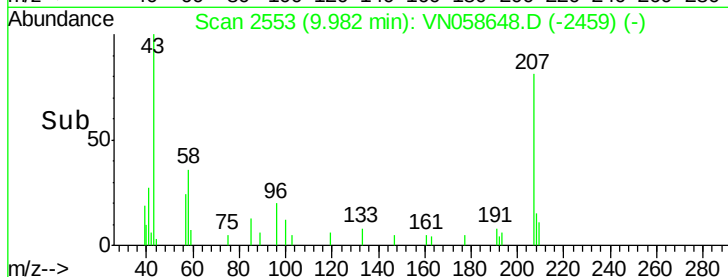
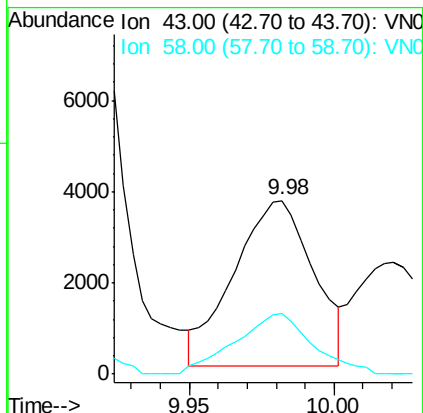
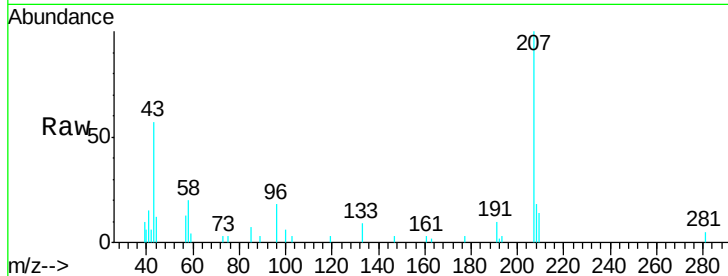




#51  
 4-Methyl-2-Pentanone  
 Concen: 1.301 ug/l  
 RT: 9.98 min Scan# 2553  
 Delta R.T. 0.00 min  
 Lab File: VN058648.D  
 Acq: 9 Oct 2019 18:26

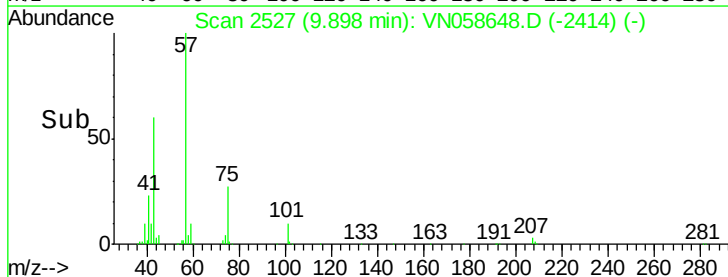
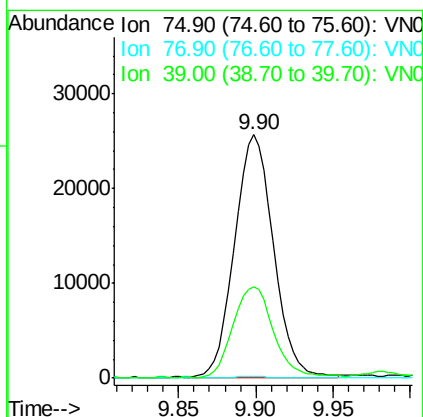
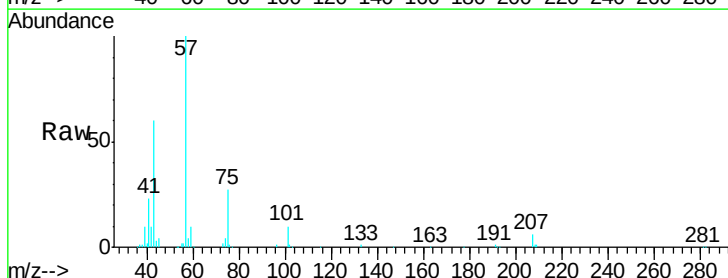
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB12371TB

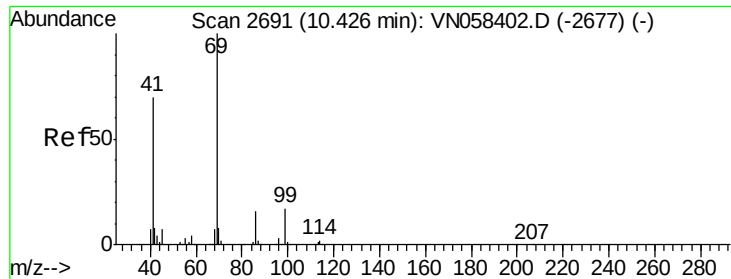
Tgt Ion: 43 Resp: 6952  
 Ion Ratio Lower Upper  
 43 100  
 58 35.5 30.2 45.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 6.196 ug/l  
 RT: 9.90 min Scan# 2527  
 Delta R.T. 0.06 min  
 Lab File: VN058648.D  
 Acq: 9 Oct 2019 18:26

Tgt Ion: 75 Resp: 45190  
 Ion Ratio Lower Upper  
 75 100  
 77 0.7 24.2 36.4#  
 39 36.9 46.4 69.6#





#56

Ethyl methacrylate

Concen: 0.361 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

Instrument :

MSVOA\_N

ClientSampleId :

PB12371TB

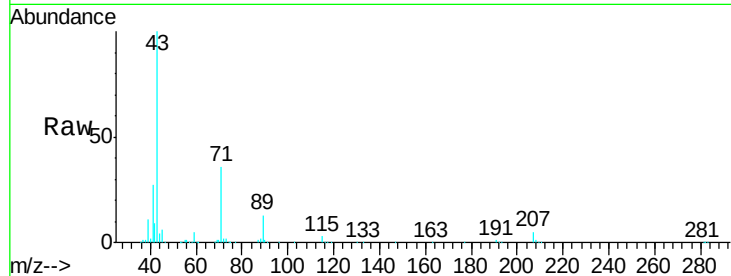
Tgt Ion: 69 Resp: 2358

Ion Ratio Lower Upper

69 100

41 4994.5 56.3 84.5#

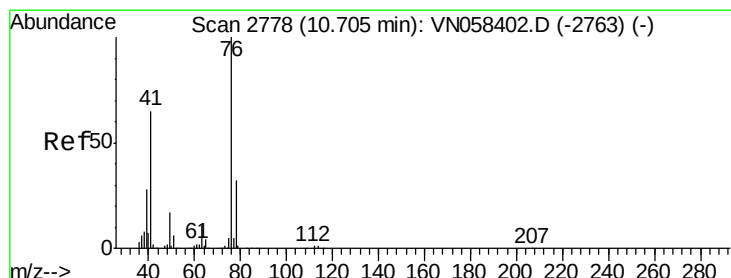
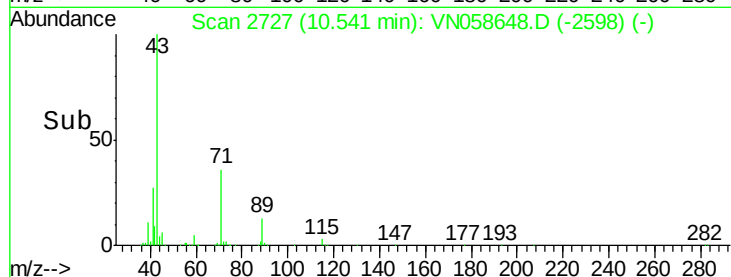
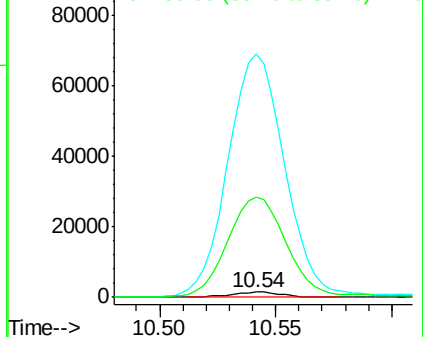
39 2148.4 35.8 53.6#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.061 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058648.D

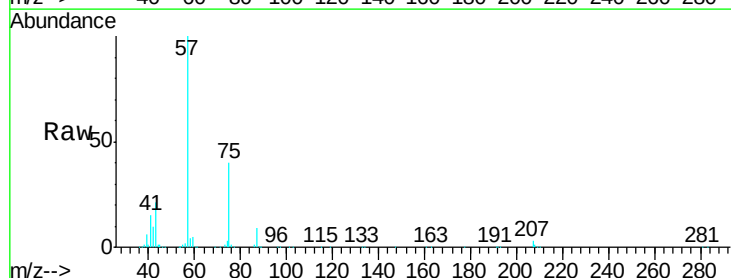
Acq: 9 Oct 2019 18:26

Tgt Ion: 76 Resp: 8133

Ion Ratio Lower Upper

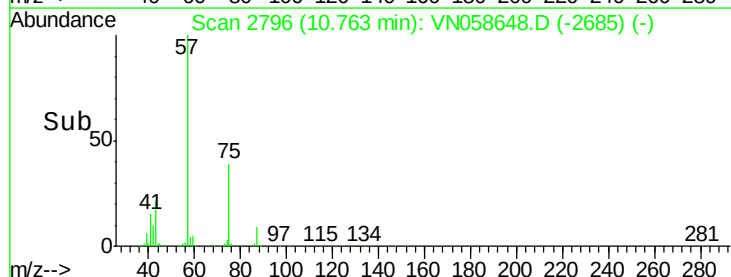
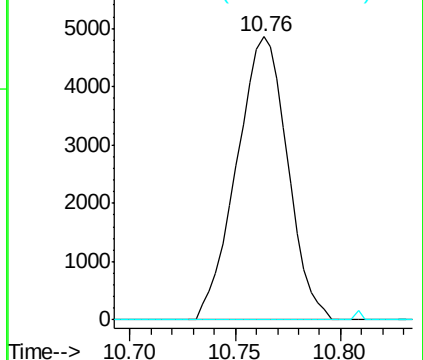
76 100

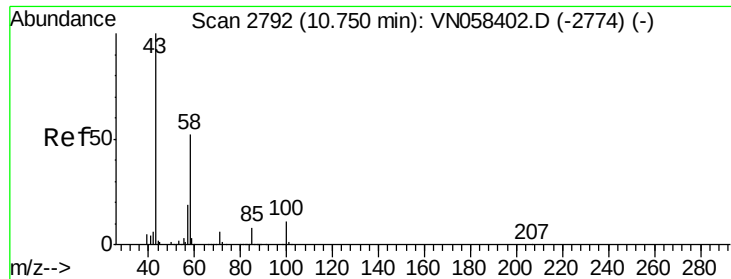
78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

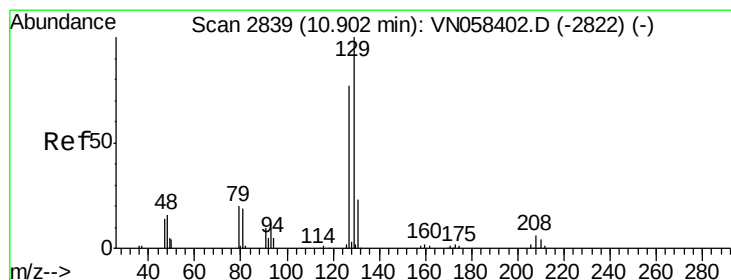
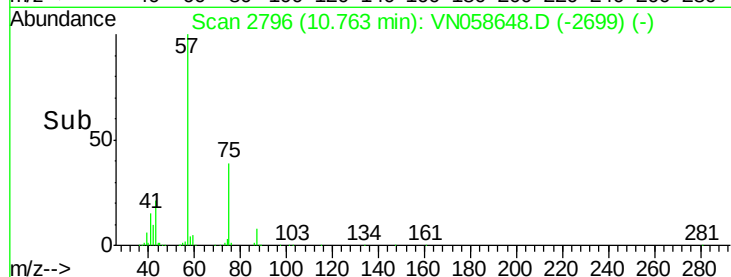
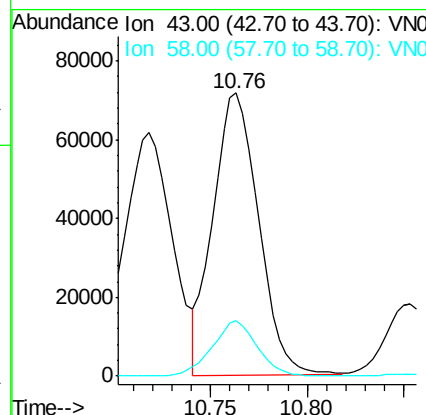
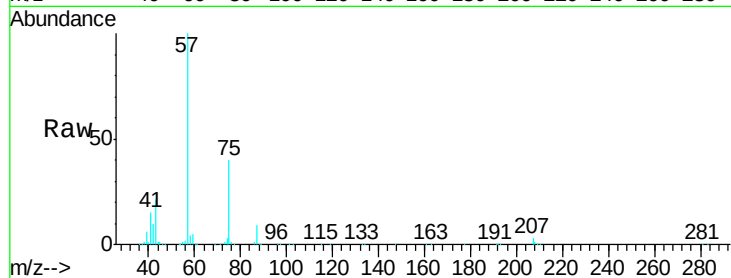




#59  
2-Hexanone  
Concen: 30.238 ug/l  
RT: 10.76 min Scan# 2796  
Delta R.T. 0.01 min  
Lab File: VN058648.D  
Acq: 9 Oct 2019 18:26

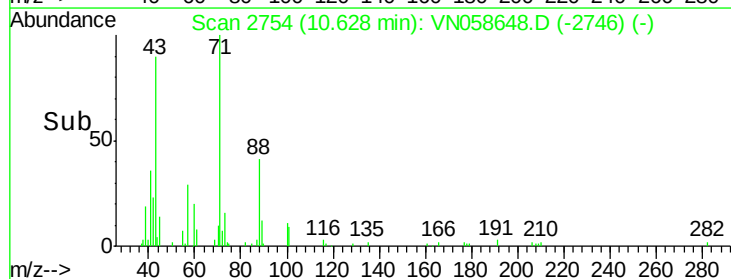
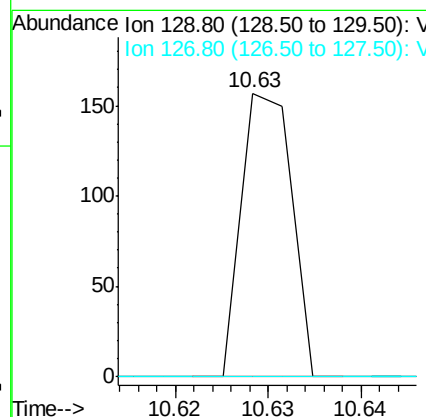
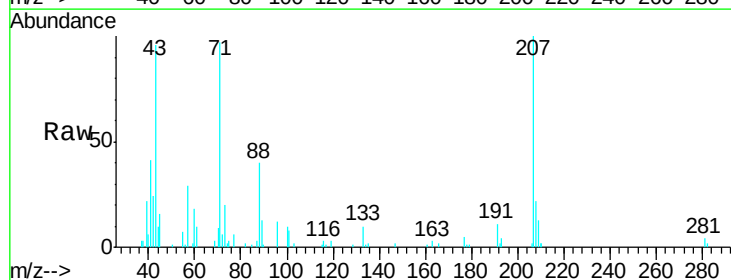
Instrument :  
MSVOA\_N  
ClientSampled :  
PB12371TB

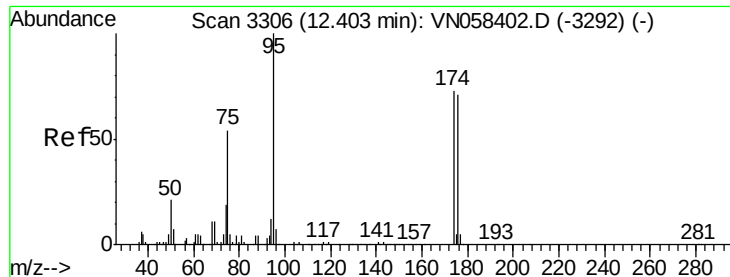
Tgt Ion: 43 Resp: 117665  
Ion Ratio Lower Upper  
43 100  
58 19.6 25.8 77.3#



#60  
Dibromochloromethane  
Concen: Below Cal  
RT: 10.63 min Scan# 2754  
Delta R.T. -0.27 min  
Lab File: VN058648.D  
Acq: 9 Oct 2019 18:26

Tgt Ion: 129 Resp: 59  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.3 114.8#





#62

4-Bromofluorobenzene

Concen: 48.180 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

Instrument :

MSVOA\_N

ClientSampleId :

PB12371TB

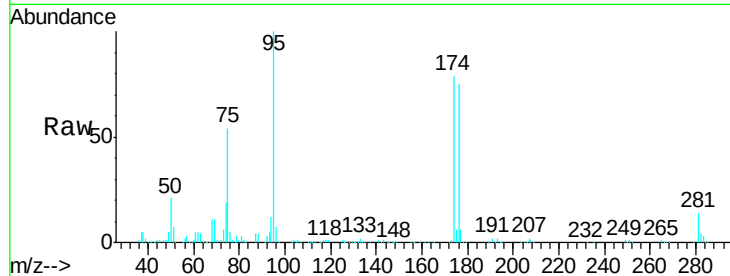
Tgt Ion: 95 Resp: 285446

Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.6

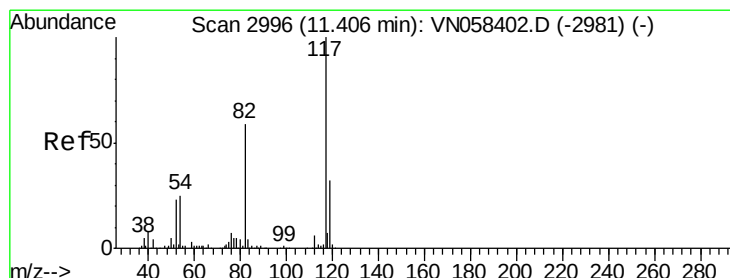
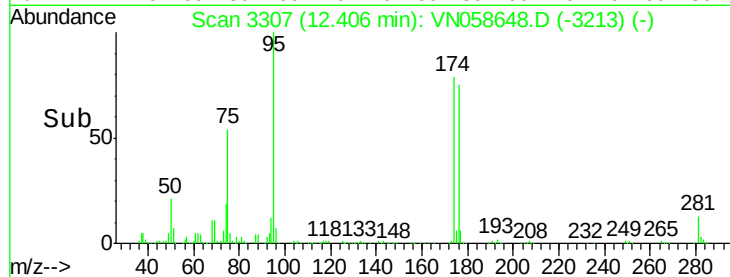
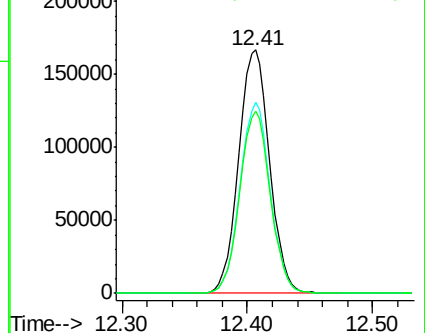
176 74.1 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

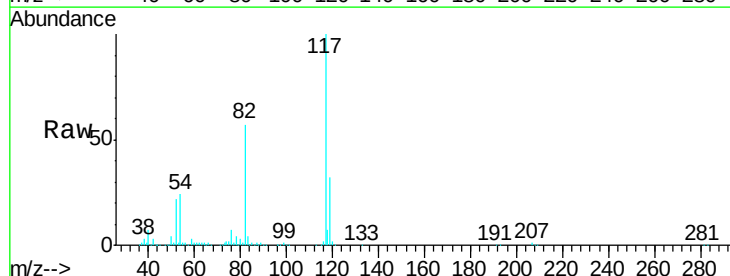
Tgt Ion: 117 Resp: 608550

Ion Ratio Lower Upper

117 100

82 57.5 47.4 71.0

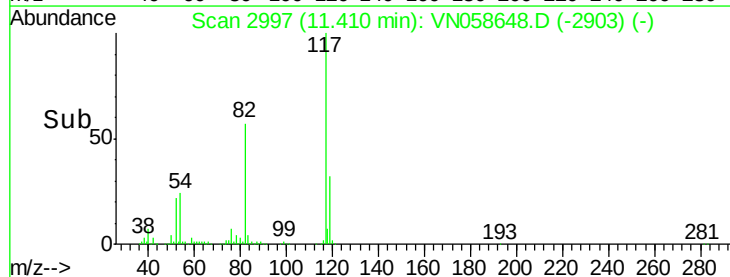
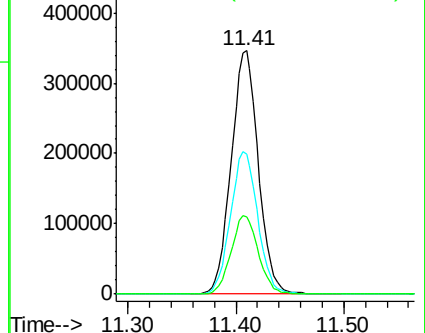
119 32.0 25.5 38.3

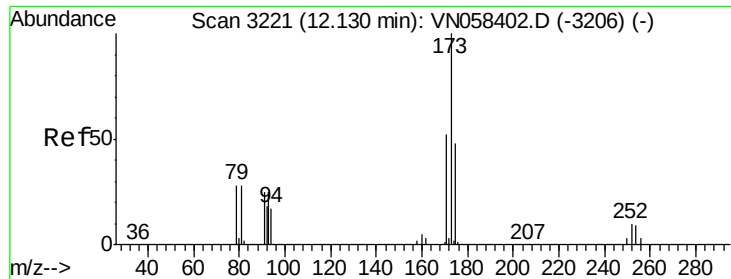


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 1.017 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

Instrument :

MSVOA\_N

ClientSampleId :

PB12371TB

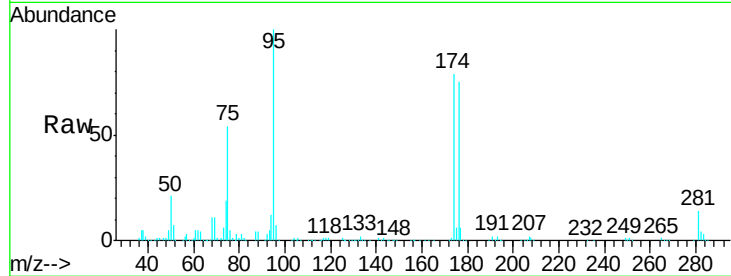
Tgt Ion:173 Resp: 920

Ion Ratio Lower Upper

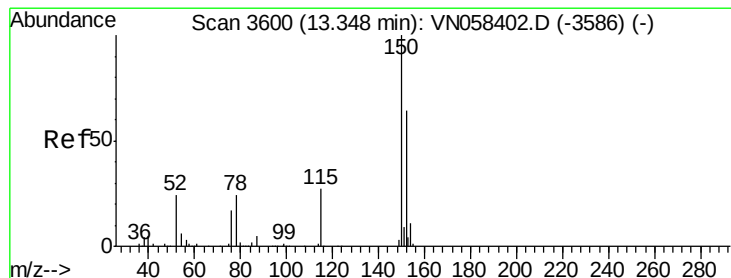
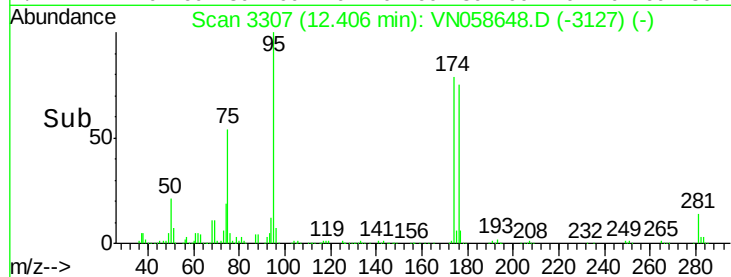
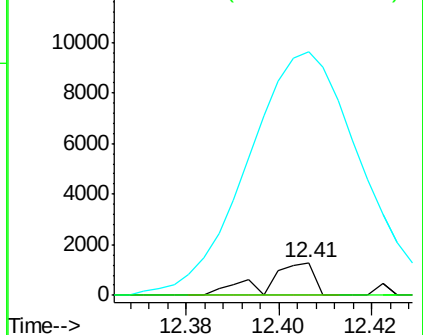
173 100

175 1512.9 24.3 73.0#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

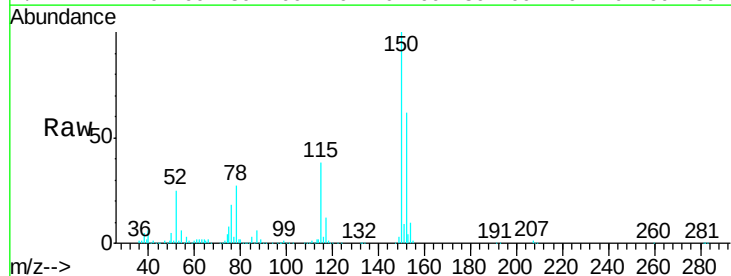
Tgt Ion:152 Resp: 236408

Ion Ratio Lower Upper

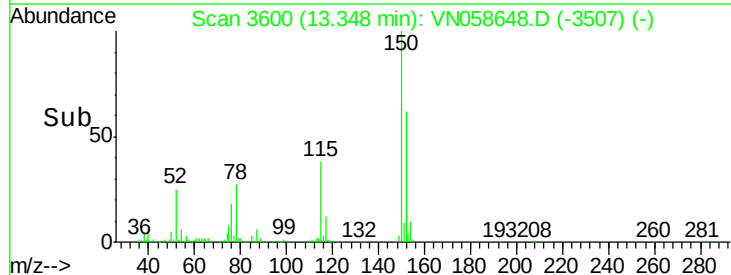
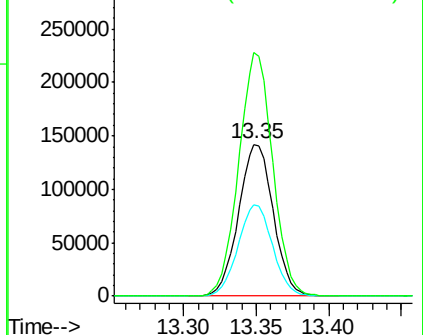
152 100

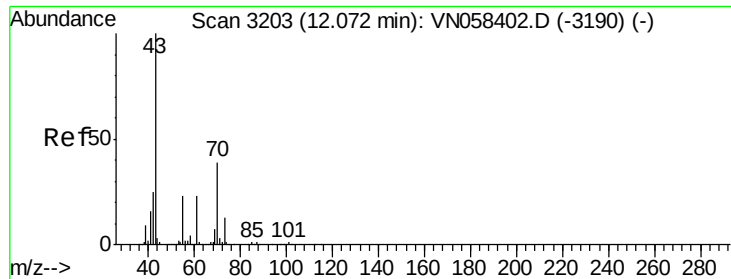
115 59.7 30.0 90.0

150 157.3 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#74

N-ethyl acetate

Concen: 0.687 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

Instrument :

MSVOA\_N

ClientSampled :

PB12371TB

Tgt Ion: 43 Resp: 4775

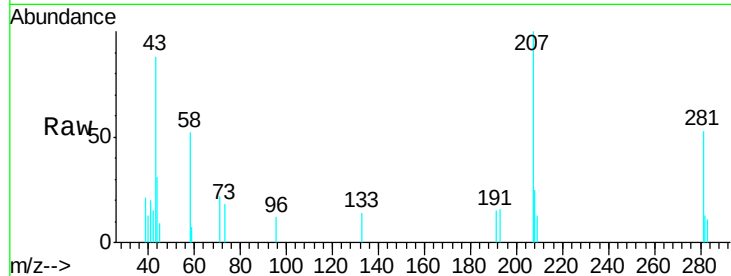
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 1.3 18.2 27.4#

61 0.0 18.3 27.5#

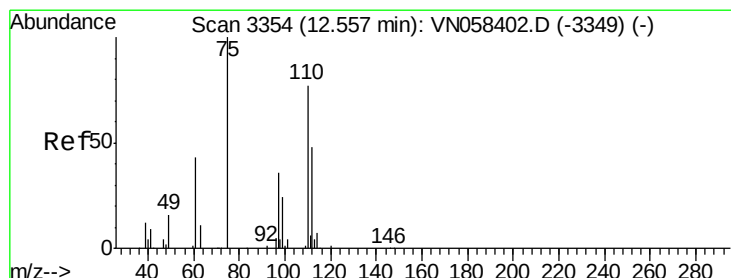
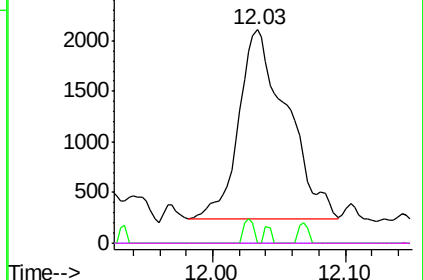
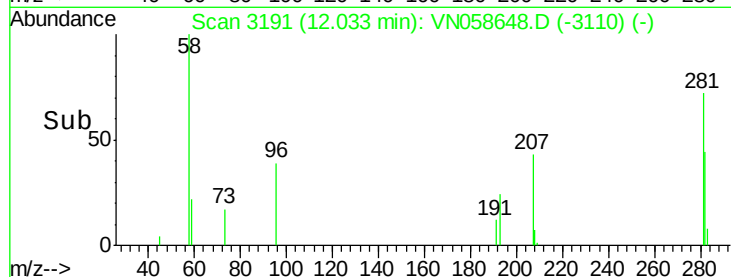


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 34.975 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058648.D

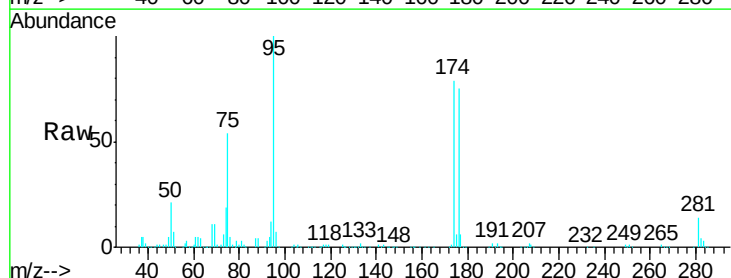
Acq: 9 Oct 2019 18:26

Tgt Ion: 75 Resp: 151022

Ion Ratio Lower Upper

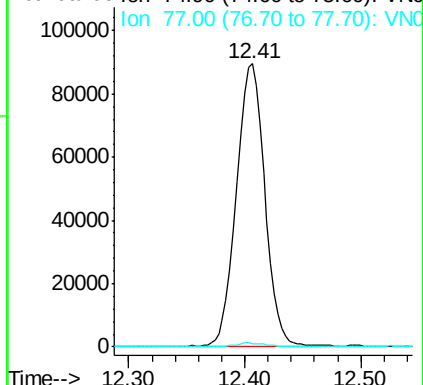
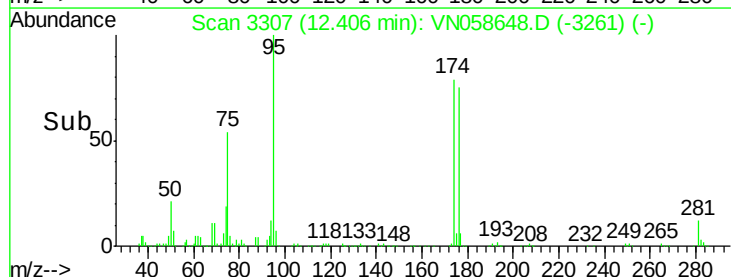
75 100

77 1.4 0.0 0.0#

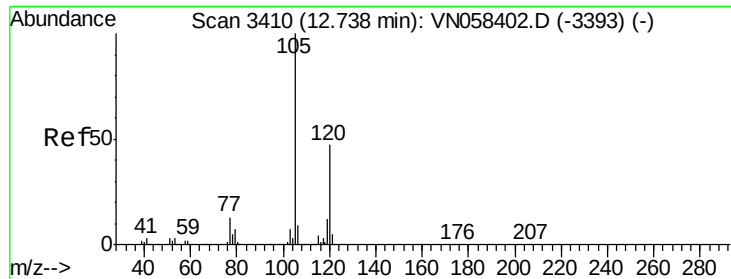


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0







#80

1,3,5-Trimethylbenzene

Concen: 0.868 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

Instrument :

MSVOA\_N

ClientSampleId :

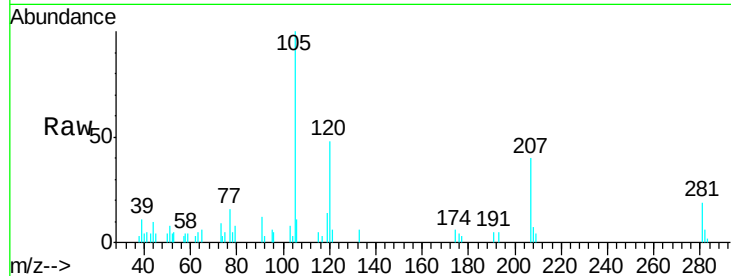
PB12371TB

Tgt Ion:105 Resp: 12696

Ion Ratio Lower Upper

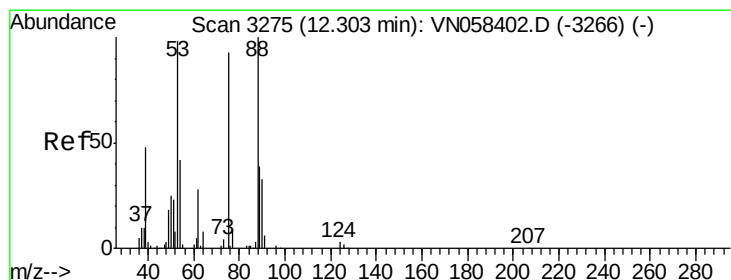
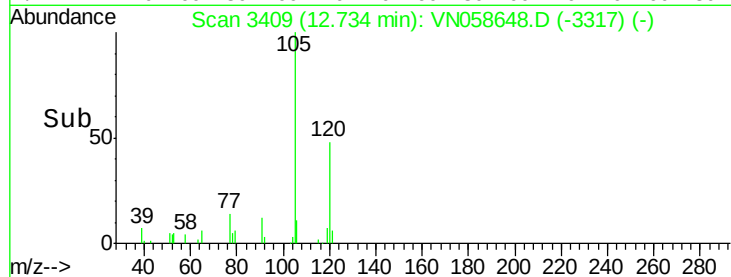
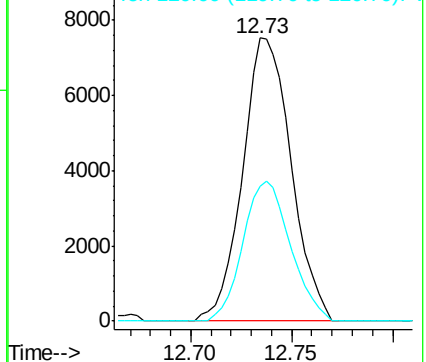
105 100

120 48.3 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 106.223 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058648.D

Acq: 9 Oct 2019 18:26

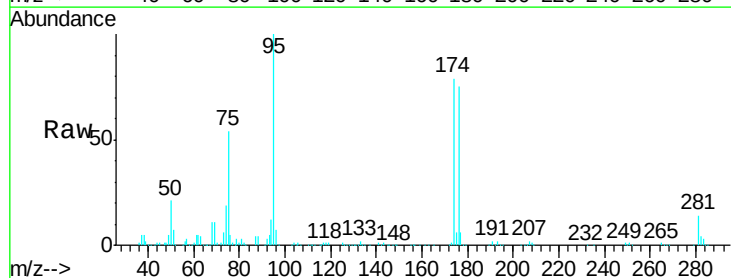
Tgt Ion: 75 Resp: 151022

Ion Ratio Lower Upper

75 100

53 0.1 85.4 128.0#

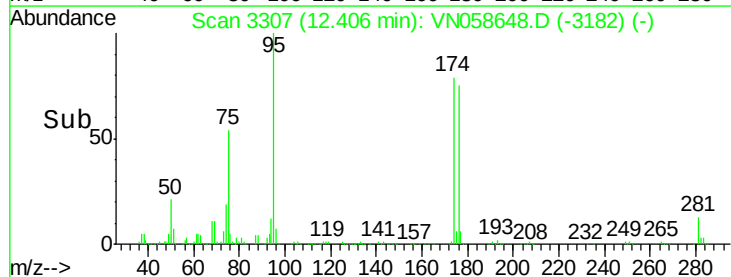
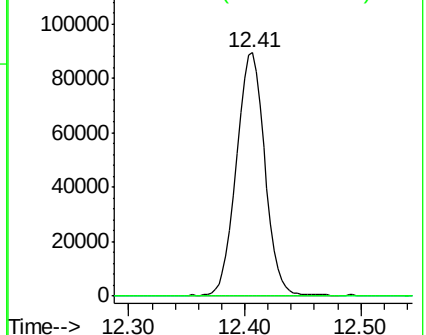
89 0.0 35.0 52.4#

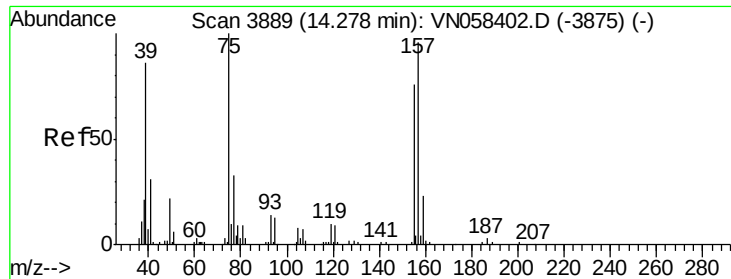


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.459 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.01 min

Lab File: VN058648.D

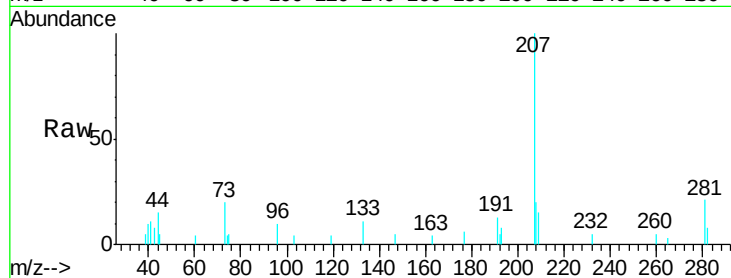
Acq: 9 Oct 2019 18:26

Instrument :

MSVOA\_N

ClientSampleId :

PB12371TB



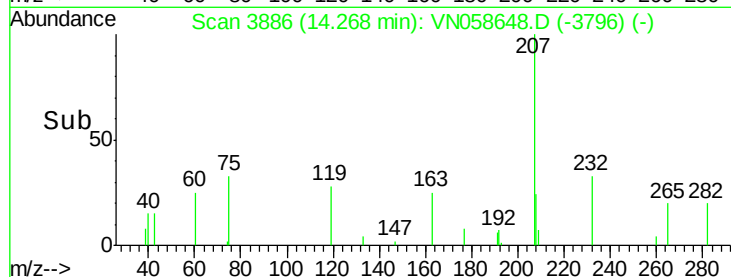
Tgt Ion: 75 Resp: 418

Ion Ratio Lower Upper

75 100

155 0.0 39.2 117.6#

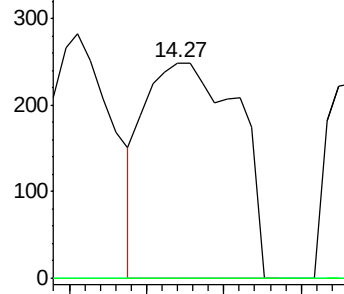
157 0.0 48.7 146.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time--> 14.24 14.26 14.28 14.30