

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\  
 Data File : VN059309.D  
 Acq On : 19 Nov 2019 16:27  
 Operator : JC/SP  
 Sample : VN1119WBSD04  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 20 00:49:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110619W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 07 04:00:41 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 381522   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 602033   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 536098   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 249087   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.00  | 65   | 231342   | 49.33 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.66%  |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 189272   | 52.65 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.30% |          |
| 50) Toluene-d8              | 10.08 | 98   | 692940   | 48.94 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.88%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 255076   | 49.96 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.92%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 120241   | 31.280  | ug/l  | 99     |
| 3) Chloromethane              | 2.04 | 50   | 132705   | 25.397  | ug/l  | 100    |
| 4) Vinyl Chloride             | 2.17 | 62   | 141746   | 27.980  | ug/l  | 100    |
| 5) Bromomethane               | 2.55 | 94   | 75272    | 25.820  | ug/l  | 99     |
| 6) Chloroethane               | 2.69 | 64   | 73428    | 24.502  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 3.00 | 101  | 143510   | 23.683  | ug/l  | 98     |
| 8) Diethyl Ether              | 3.39 | 74   | 60994    | 24.773  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.73 | 101  | 90102    | 24.662  | ug/l  | 99     |
| 10) Methyl Iodide             | 3.93 | 142  | 106969   | 23.654  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 4.75 | 59   | 101165   | 113.186 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 3.71 | 96   | 87387    | 24.554  | ug/l  | 99     |
| 13) Acrolein                  | 3.58 | 56   | 35657    | 77.377  | ug/l  | 98     |
| 14) Allyl chloride            | 4.29 | 41   | 167325   | 22.888  | ug/l  | 99     |
| 15) Acrylonitrile             | 4.95 | 53   | 263154   | 118.307 | ug/l  | 99     |
| 16) Acetone                   | 3.79 | 43   | 219904   | 90.168  | ug/l  | 98     |
| 17) Carbon Disulfide          | 4.03 | 76   | 273507   | 24.756  | ug/l  | 99     |
| 18) Methyl Acetate            | 4.29 | 43   | 149165   | 25.768  | ug/l  | 98     |
| 19) Methyl tert-butyl Ether   | 5.01 | 73   | 302861   | 24.717  | ug/l  | 99     |
| 20) Methylene Chloride        | 4.52 | 84   | 100951   | 23.760  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96   | 94344    | 24.696  | ug/l  | 94     |
| 22) Diisopropyl ether         | 5.92 | 45   | 328347   | 23.778  | ug/l  | 98     |
| 23) Vinyl Acetate             | 5.86 | 43   | 1300851  | 121.552 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 5.82 | 63   | 182696   | 23.688  | ug/l  | 99     |
| 25) 2-Butanone                | 6.81 | 43   | 347486   | 108.108 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 6.79 | 77   | 153149   | 22.709  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 6.81 | 96   | 106261   | 23.975  | ug/l  | 98     |
| 28) Bromochloromethane        | 7.17 | 49   | 46550    | 20.061  | ug/l  | 97     |
| 29) Tetrahydrofuran           | 7.18 | 42   | 238548   | 116.802 | ug/l  | 98     |
| 30) Chloroform                | 7.35 | 83   | 175523   | 23.724  | ug/l  | 100    |
| 31) Cyclohexane               | 7.63 | 56   | 172536   | 23.631  | ug/l  | 93     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97   | 145697   | 23.423  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.77 | 75   | 135199   | 24.026  | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.90 | 43   | 146016   | 23.325  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 7.75 | 117  | 129084   | 23.047  | ug/l  | 98     |

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 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 20 00:49:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110619W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 07 04:00:41 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 163666   | 25.060  | ug/l   | 98       |
| 40) Benzene                    | 8.02  | 78   | 403440   | 23.808  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 207736   | 76.312  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 135273   | 23.275  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.14  | 43   | 226682   | 22.713  | ug/l   | 99       |
| 44) Trichloroethene            | 8.82  | 130  | 99953    | 23.995  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 108235   | 23.515  | ug/l   | 99       |
| 46) Dibromomethane             | 9.19  | 93   | 66659    | 23.241  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.39  | 83   | 134938   | 23.561  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.18  | 41   | 101216   | 22.673  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.18  | 88   | 34271    | 431.982 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 705431   | 124.920 | ug/l   | 100      |
| 52) Toluene                    | 10.15 | 92   | 241936   | 23.820  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 152720   | 23.080  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 167503   | 23.533  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 96332    | 23.436  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 145091   | 22.243  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 167160   | 23.628  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 265337   | 115.989 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.74 | 43   | 502419   | 115.914 | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.90 | 129  | 101837   | 23.432  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 98070    | 23.568  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 89912    | 24.665  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.43 | 112  | 254810   | 24.382  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 94680    | 24.151  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.51 | 91   | 461099   | 24.868  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.62 | 106  | 344903   | 49.658  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 163529   | 24.363  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 257352   | 24.379  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 71570    | 23.471  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 440267   | 24.299  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 173871   | 22.647  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 143966   | 23.332  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 190663   | 33.621  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 105461   | 23.167  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 505632   | 24.373  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 300922   | 23.382  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 372217   | 24.244  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 48597    | 22.635  | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 303908   | 23.544  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 315136   | 23.769  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 361814   | 24.358  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 419335   | 24.319  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 376634   | 24.737  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 186369   | 23.908  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 182861   | 23.446  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 323683   | 24.290  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 68132    | 22.285  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 182359   | 23.781  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 27903    | 22.681  | ug/l   | 99       |

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Sample : VN1119WBSD04  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Nov 20 00:49:12 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110619W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 07 04:00:41 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 101283   | 23.490 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 65491    | 24.770 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 272320   | 22.858 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 102366   | 23.820 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

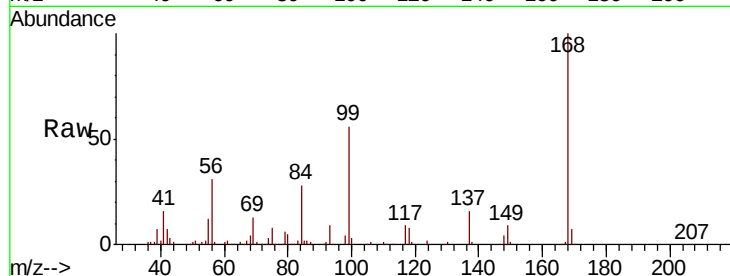
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 381522

Ion Ratio Lower Upper

168 100

99 55.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

150000

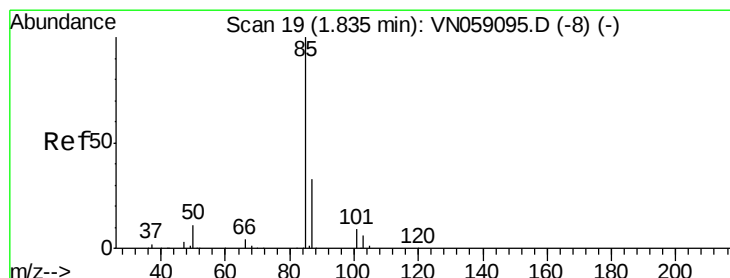
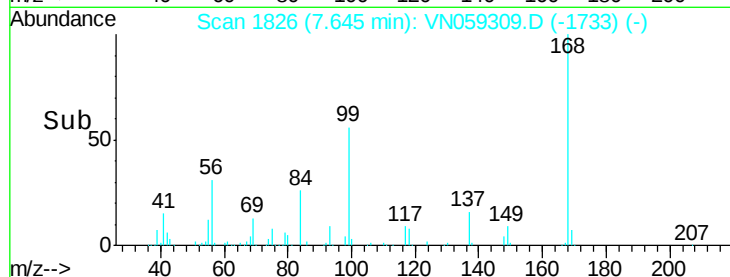
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 31.280 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059309.D

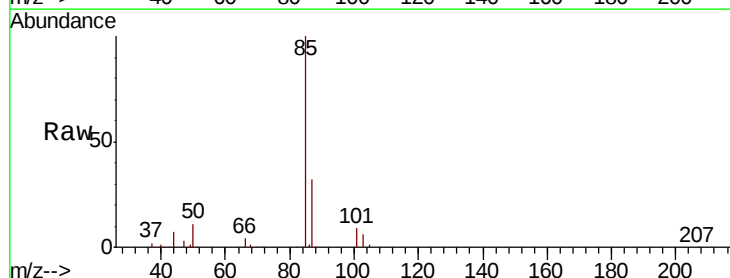
Acq: 19 Nov 2019 16:27

Tgt Ion: 85 Resp: 120241

Ion Ratio Lower Upper

85 100

87 31.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

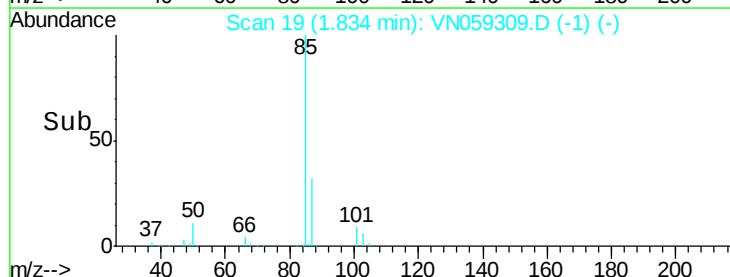
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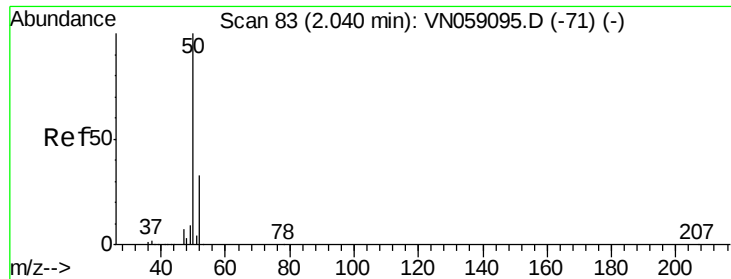
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0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 25.397 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

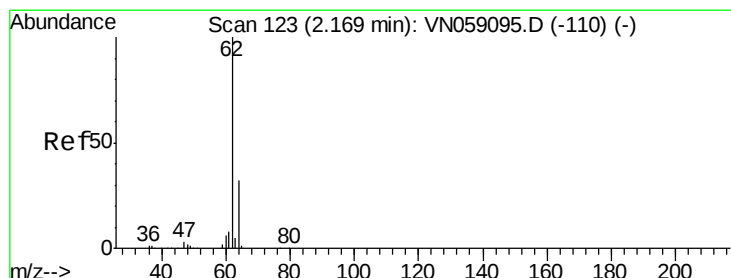
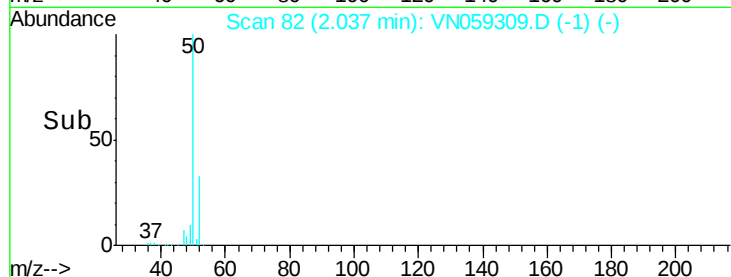
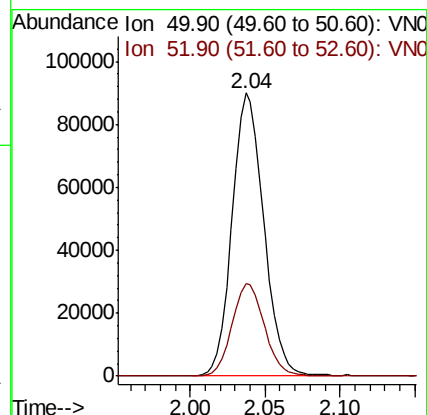
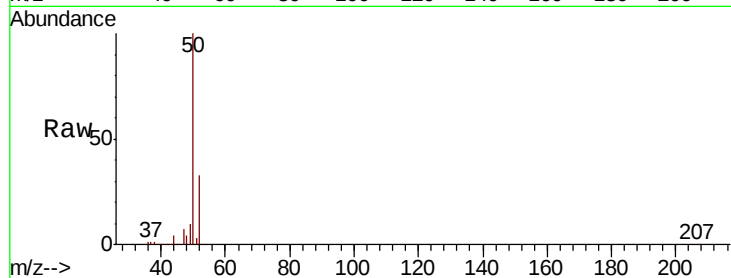
ClientSampled :

Tot Ion: 50 Resp: 132705

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 27.980 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059309.D

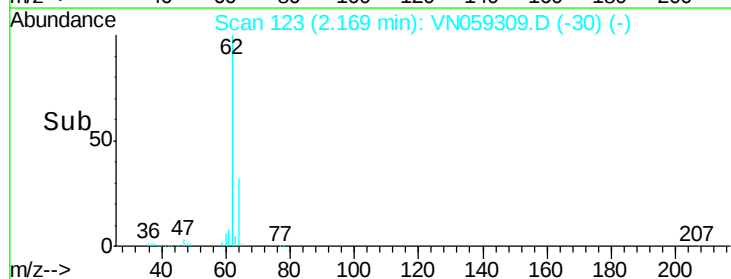
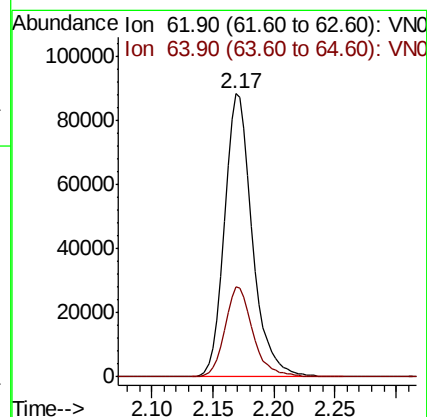
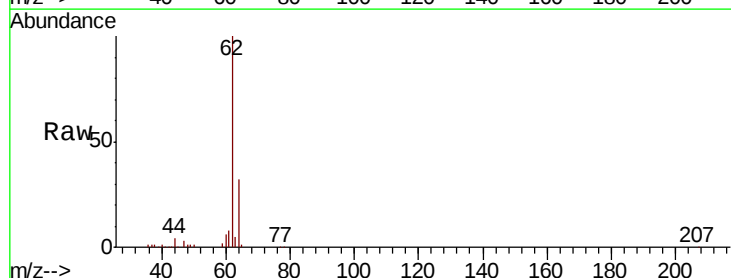
Acq: 19 Nov 2019 16:27

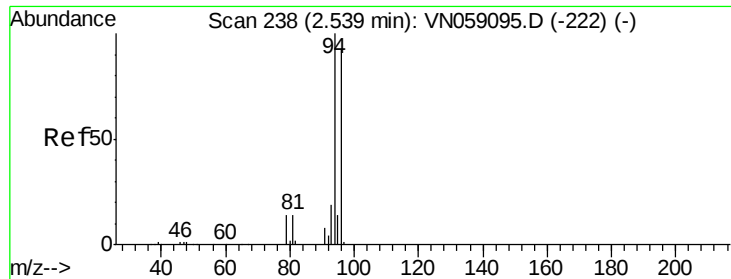
Tgt Ion: 62 Resp: 141746

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 25.820 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

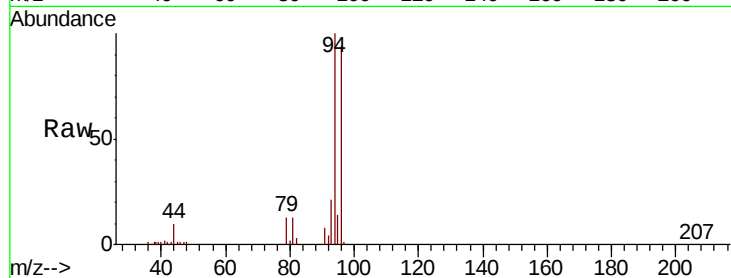
ClientSampled :

Tot Ion: 94 Resp: 75272

Ion Ratio Lower Upper

94 100

96 93.9 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VN059309.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN059309.D (-145) (-)

2.55

40000

30000

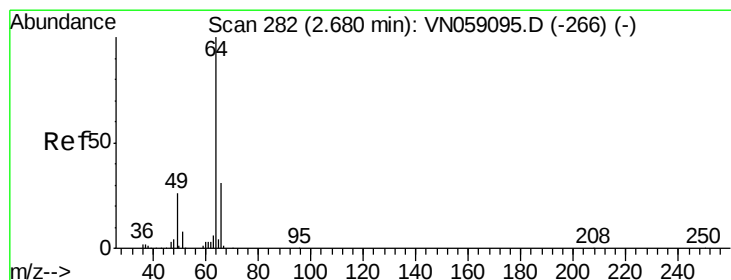
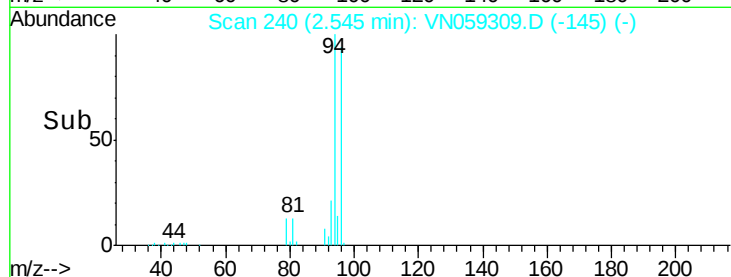
20000

10000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 24.502 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059309.D

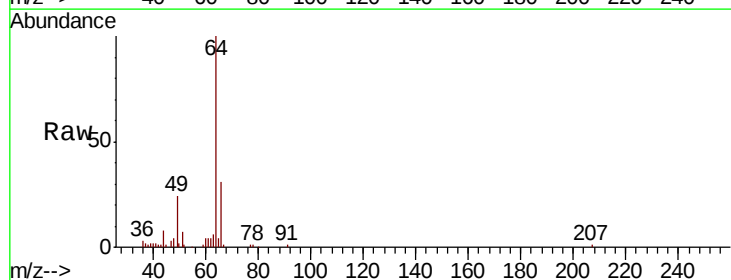
Acq: 19 Nov 2019 16:27

Tgt Ion: 64 Resp: 73428

Ion Ratio Lower Upper

64 100

66 30.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN059309.D (-189) (-)

Ion 65.90 (65.60 to 66.60): VN059309.D (-189) (-)

2.69

40000

30000

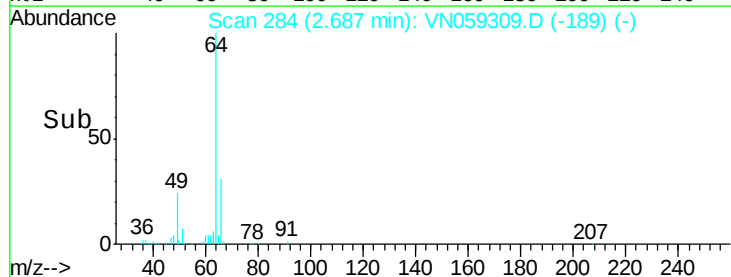
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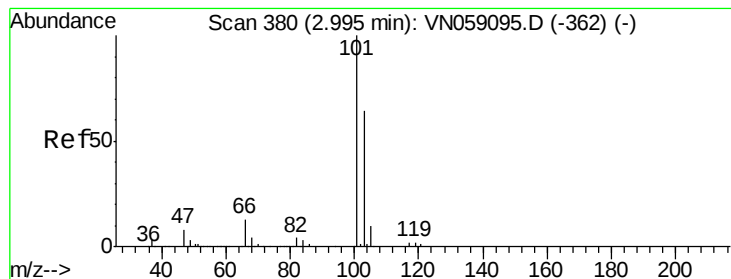
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0

Time-->

2.60 2.70 2.80



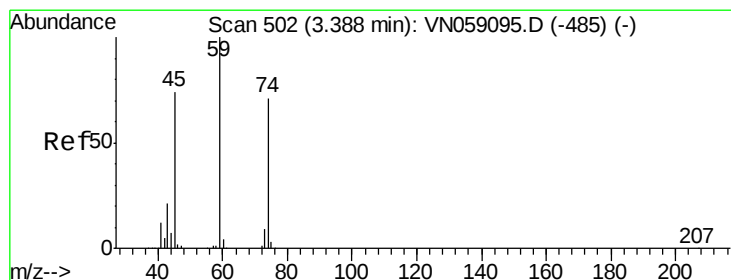
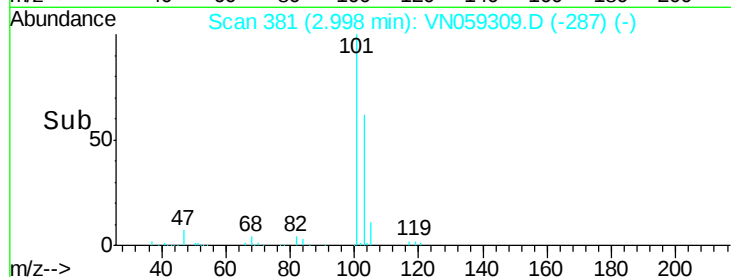
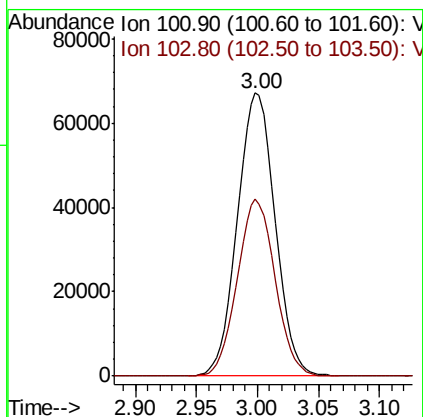
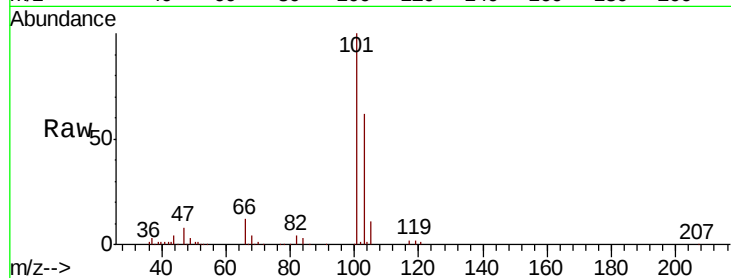


#7

Trichlorofluoromethane  
 Concen: 23.683 ug/l  
 RT: 3.00 min Scan# 381  
 Delta R.T. 0.00 min  
 Lab File: VN059309.D  
 Acq: 19 Nov 2019 16:27

Instrument :  
 MSVOA\_N  
 ClientSampled :

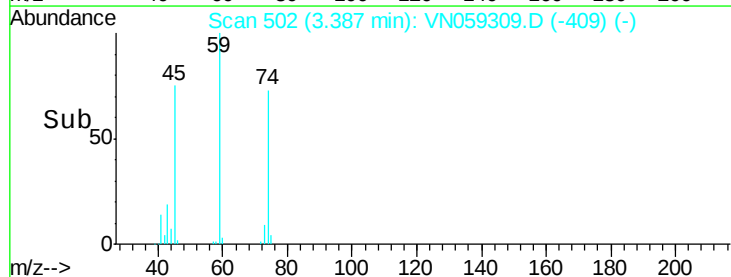
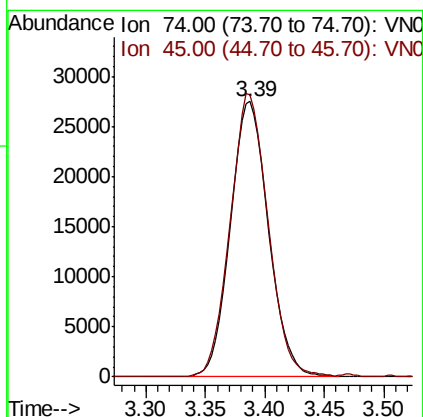
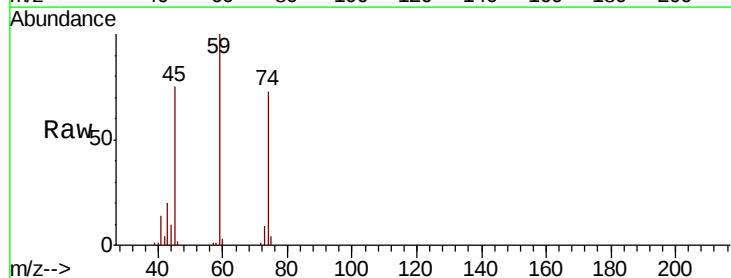
Tot Ion:101 Resp: 143510  
 Ion Ratio Lower Upper  
 101 100  
 103 62.4 51.2 76.8

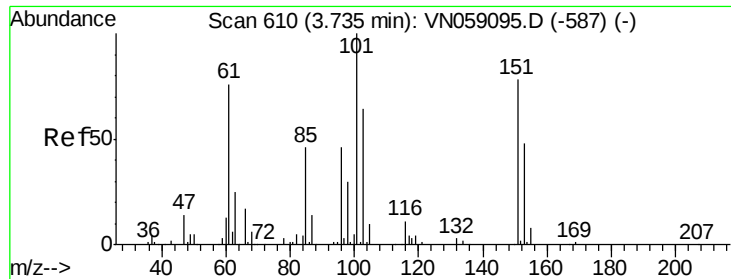


#8

Diethyl Ether  
 Concen: 24.773 ug/l  
 RT: 3.39 min Scan# 502  
 Delta R.T. -0.00 min  
 Lab File: VN059309.D  
 Acq: 19 Nov 2019 16:27

Tgt Ion: 74 Resp: 60994  
 Ion Ratio Lower Upper  
 74 100  
 45 102.5 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.662 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

ClientSampled :

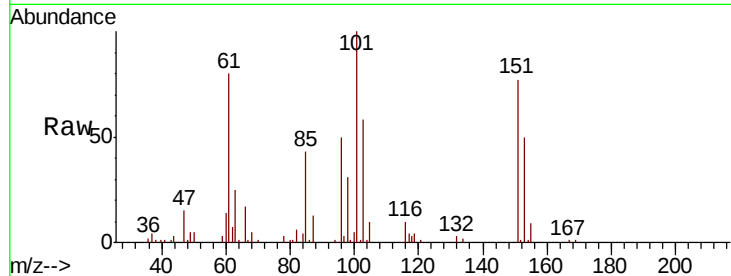
Tot Ion:101 Resp: 90102

Ion Ratio Lower Upper

101 100

85 42.9 35.5 53.3

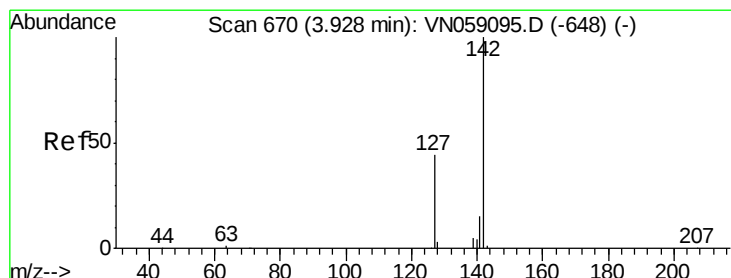
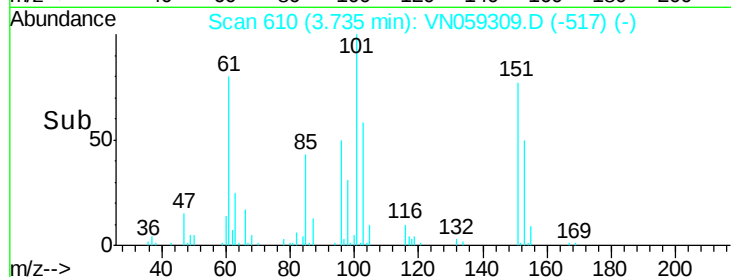
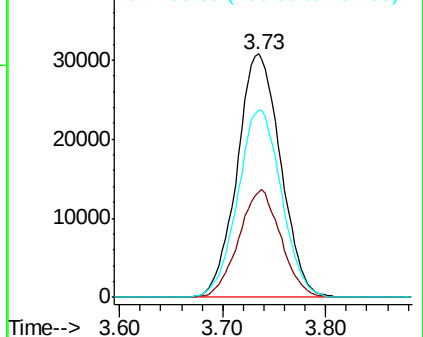
151 77.4 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.654 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

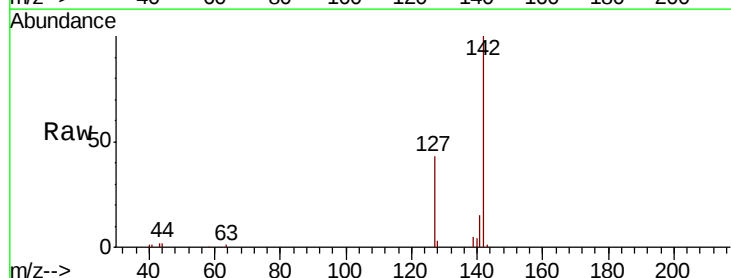
Tgt Ion:142 Resp: 106969

Ion Ratio Lower Upper

142 100

127 41.5 34.2 51.2

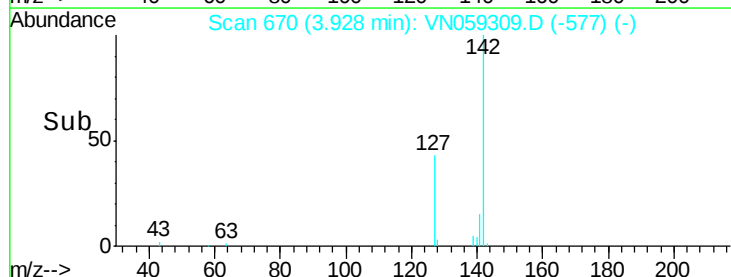
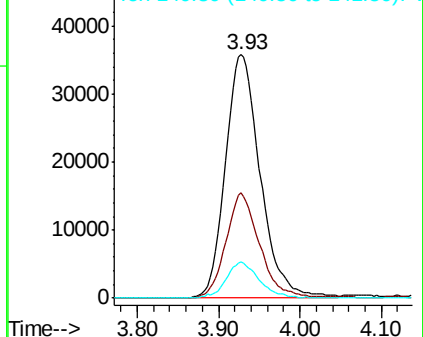
141 13.9 11.4 17.0

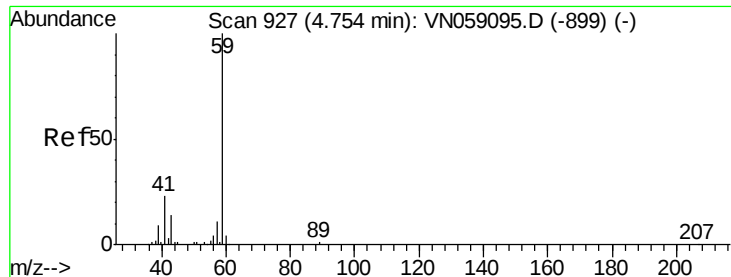


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



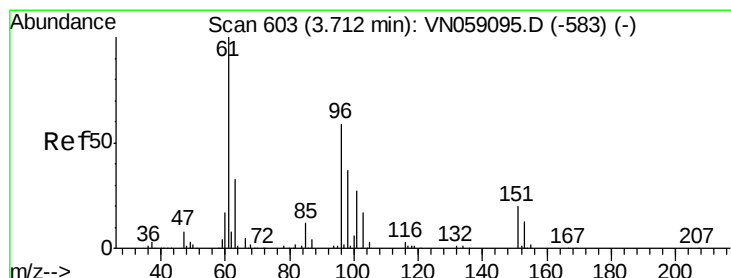
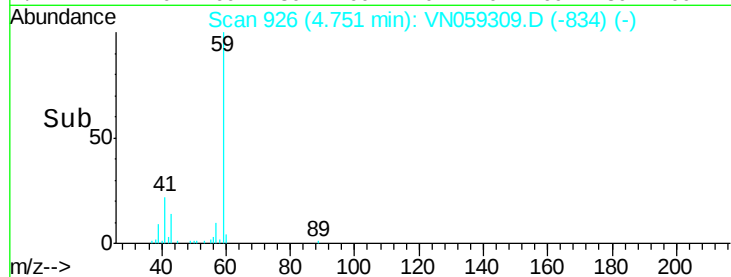
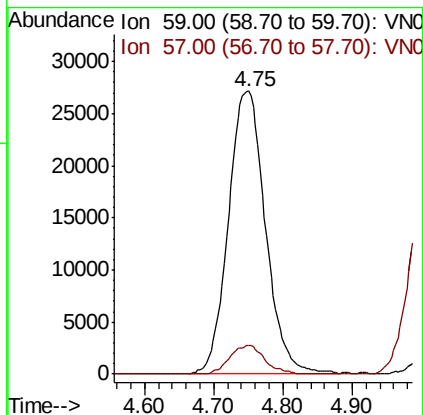
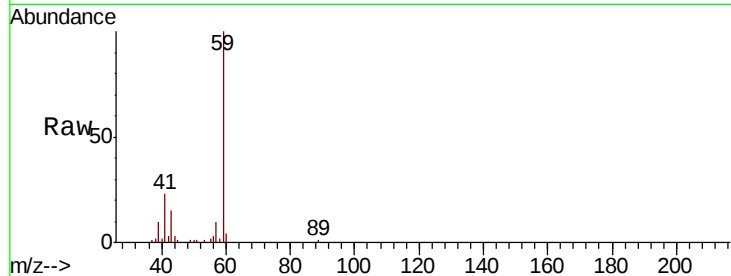


#11

Tert butyl alcohol  
 Concen: 113.186 ug/l  
 RT: 4.75 min Scan# 926  
 Delta R.T. -0.00 min  
 Lab File: VN059309.D  
 Acq: 19 Nov 2019 16:27

Instrument :  
 MSVOA\_N  
 ClientSampled :

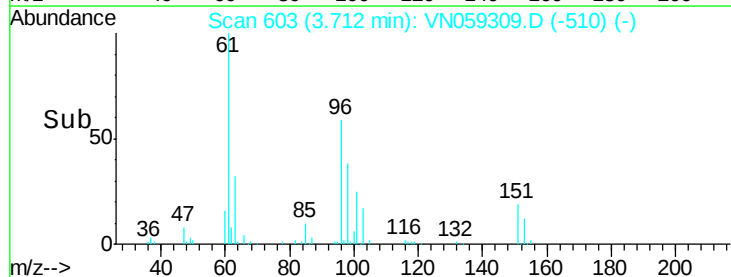
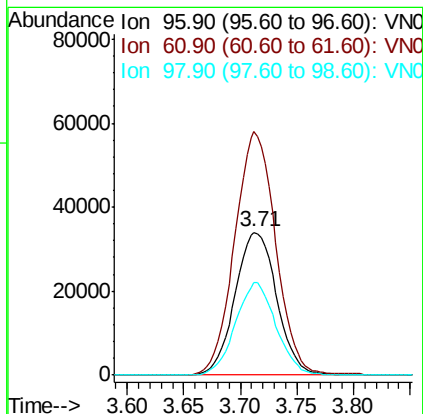
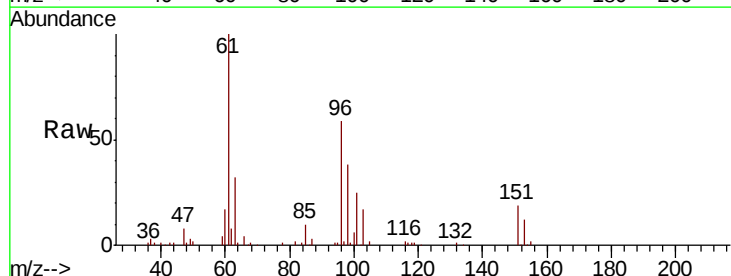
Tot Ion: 59 Resp: 101165  
 Ion Ratio Lower Upper  
 59 100  
 57 9.6 8.3 12.5



#12

1,1-Dichloroethene  
 Concen: 24.554 ug/l  
 RT: 3.71 min Scan# 603  
 Delta R.T. -0.00 min  
 Lab File: VN059309.D  
 Acq: 19 Nov 2019 16:27

Tgt Ion: 96 Resp: 87387  
 Ion Ratio Lower Upper  
 96 100  
 61 170.1 136.5 204.7  
 98 64.4 50.2 75.4





#13

Acrolein

Concen: 77.377 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

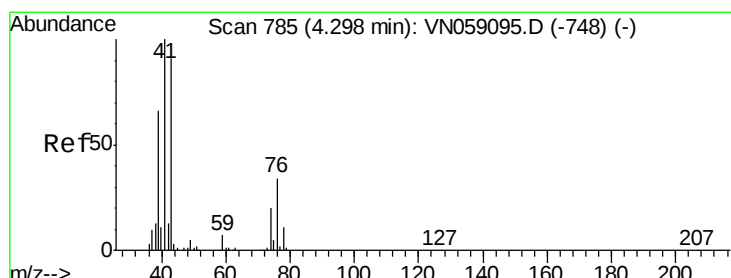
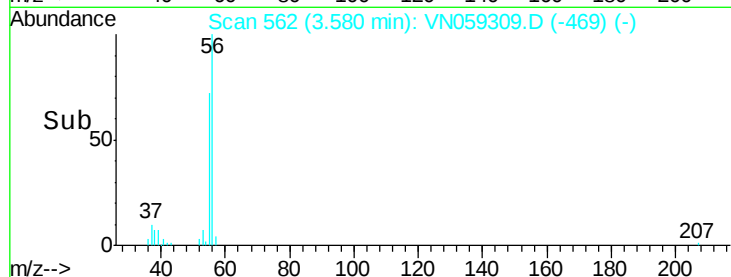
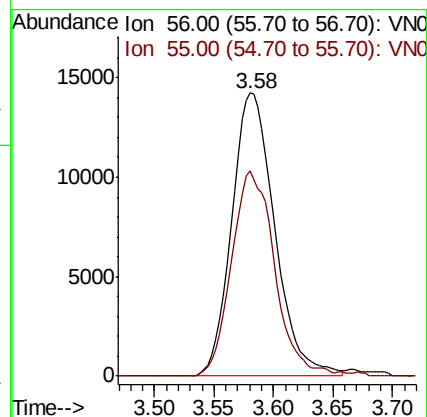
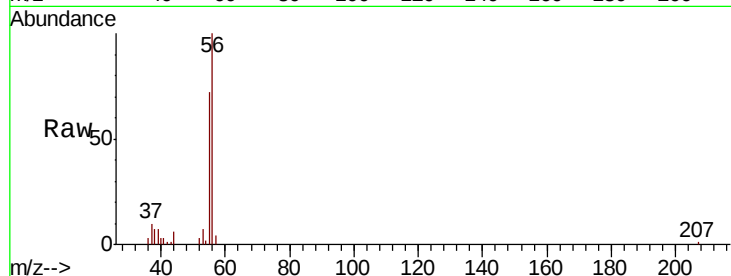
ClientSampleId :

Tot Ion: 56 Resp: 35657

Ion Ratio Lower Upper

56 100

55 72.4 56.4 84.6



#14

Allyl chloride

Concen: 22.888 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

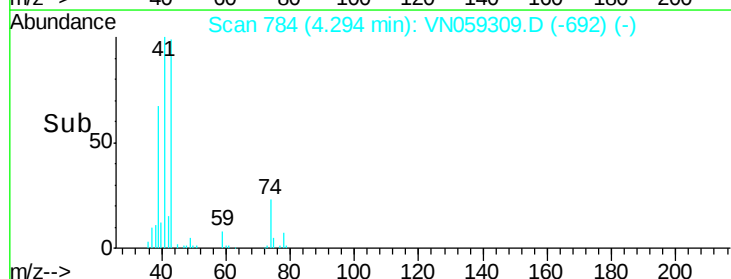
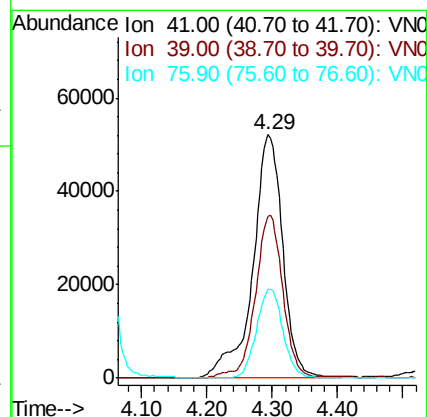
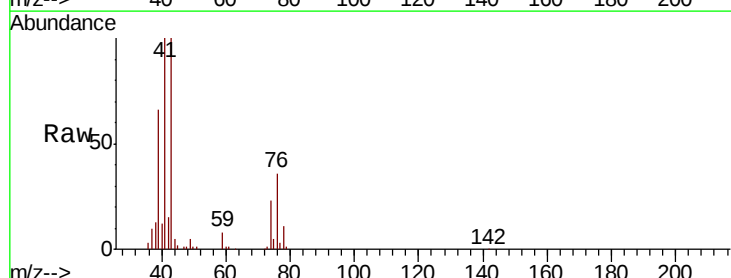
Tgt Ion: 41 Resp: 167325

Ion Ratio Lower Upper

41 100

39 61.6 49.1 73.7

76 32.2 24.9 37.3





#15

Acrylonitrile

Concen: 118.307 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :  
MSVOA\_N  
ClientSampled :

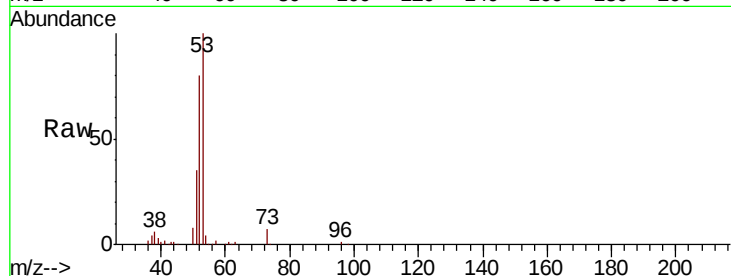
Tot Ion: 53 Resp: 263154

Ion Ratio Lower Upper

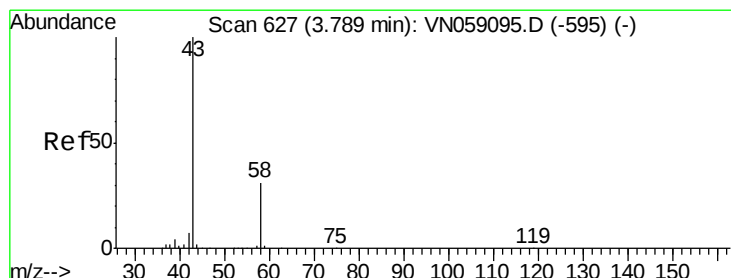
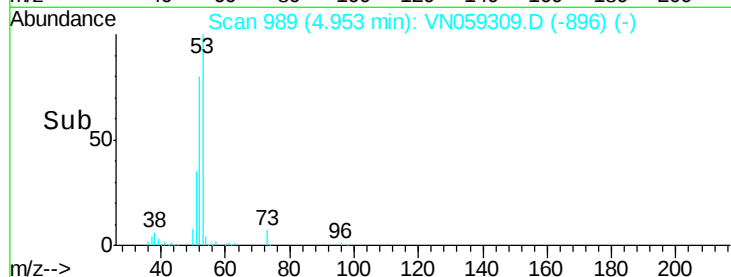
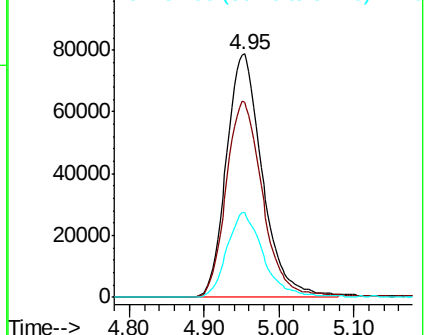
53 100

52 80.7 65.0 97.6

51 35.4 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0  
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 90.168 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059309.D

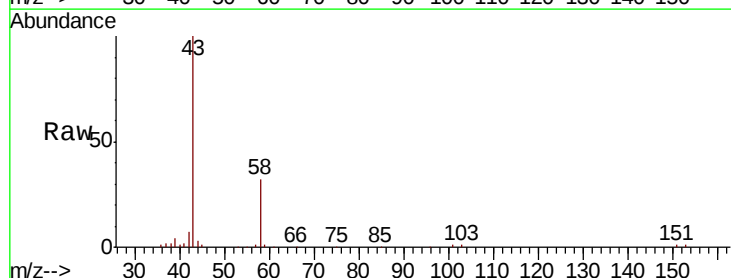
Acq: 19 Nov 2019 16:27

Tgt Ion: 43 Resp: 219904

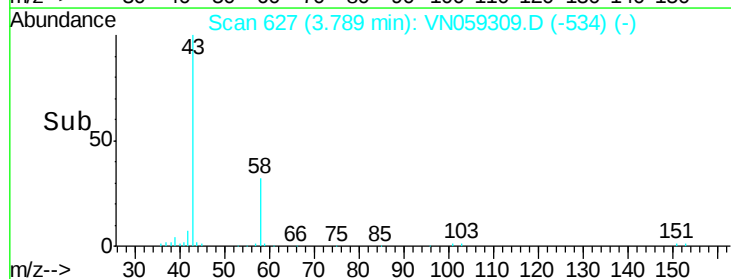
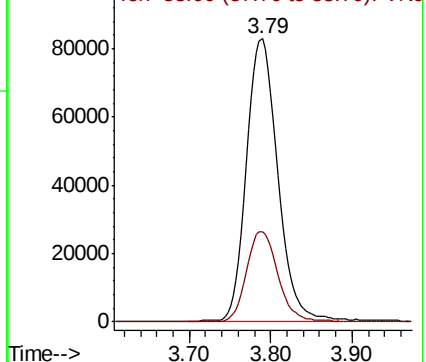
Ion Ratio Lower Upper

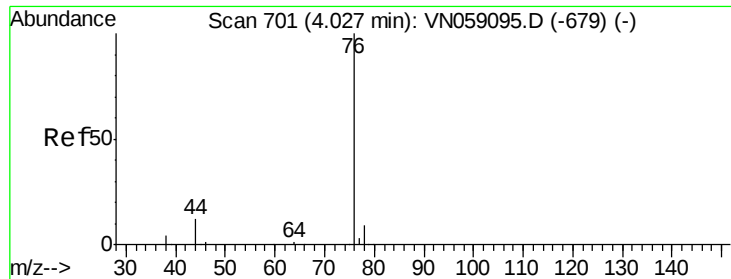
43 100

58 32.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

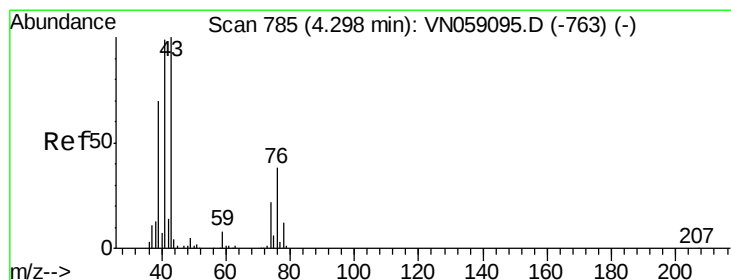
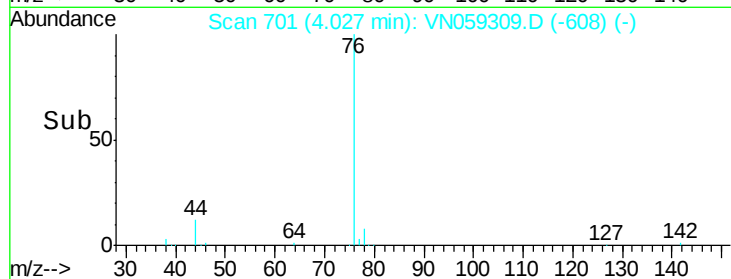
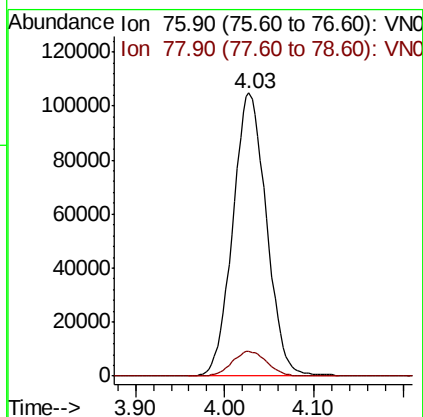
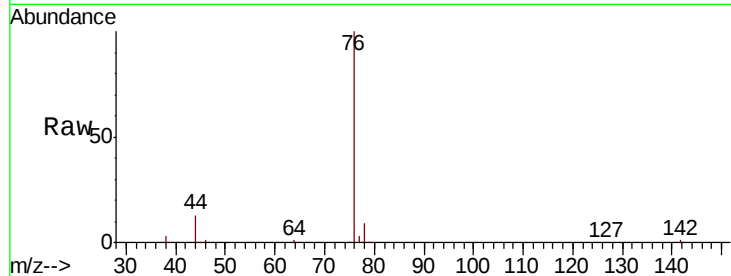




#17  
Carbon Disulfide  
Concen: 24.756 ug/l  
RT: 4.03 min Scan# 701  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

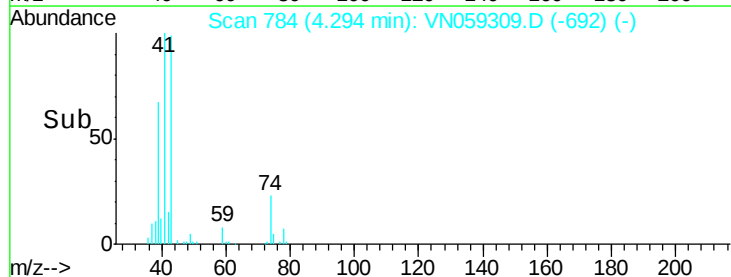
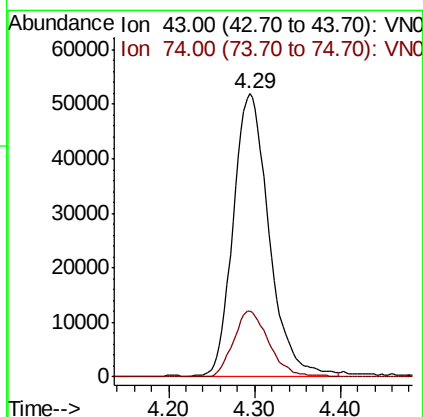
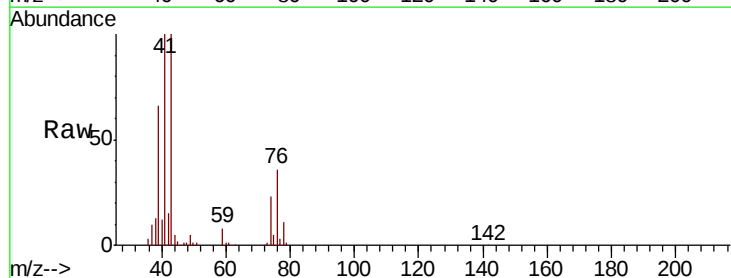
Instrument :  
MSVOA\_N  
ClientSampled :

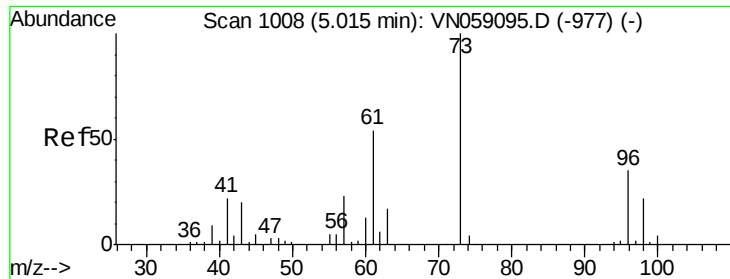
Tot Ion: 76 Resp: 273507  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.4 11.0



#18  
Methyl Acetate  
Concen: 25.768 ug/l  
RT: 4.29 min Scan# 784  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Tgt Ion: 43 Resp: 149165  
Ion Ratio Lower Upper  
43 100  
74 23.1 17.8 26.8

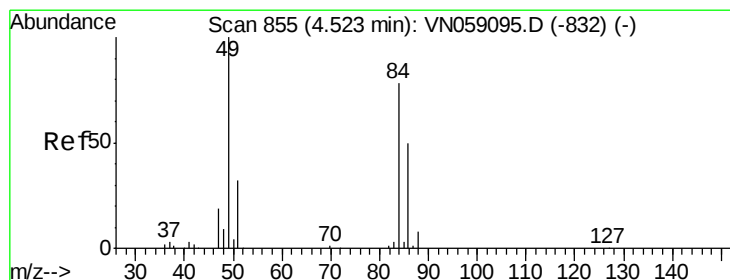
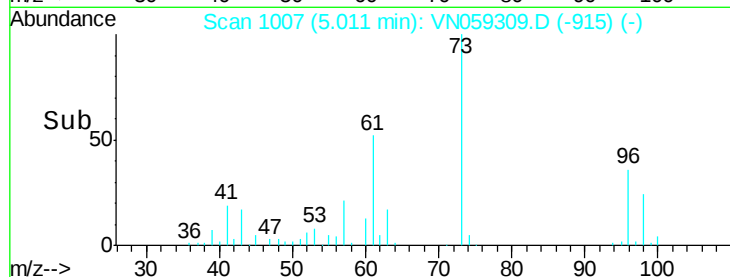
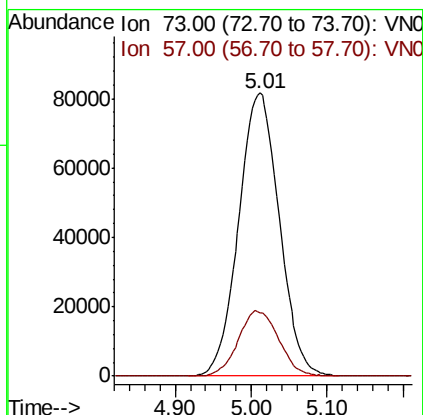
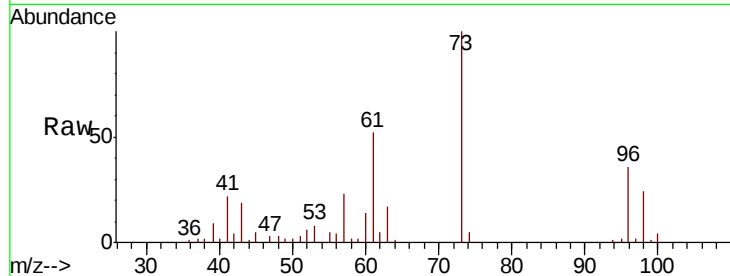




#19  
Methvl tert-butvl Ether  
Concen: 24.717 ug/l  
RT: 5.01 min Scan# 1007  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

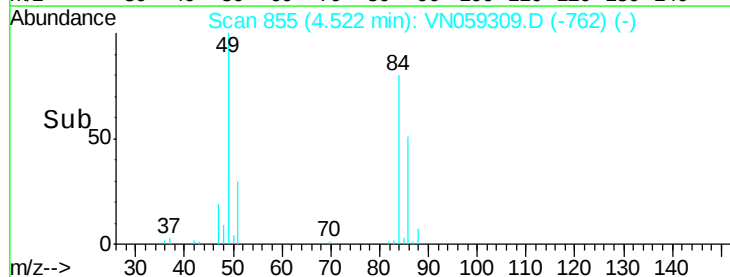
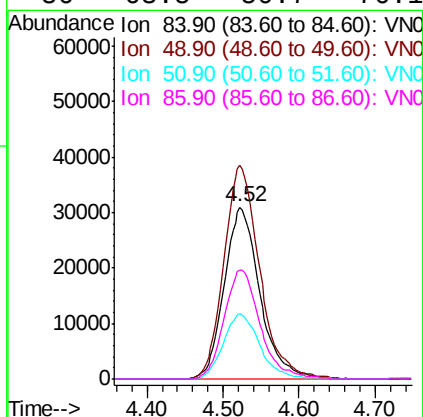
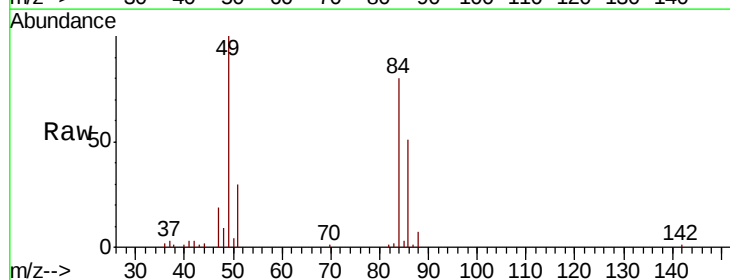
Instrument :  
MSVOA\_N  
ClientSampleId :

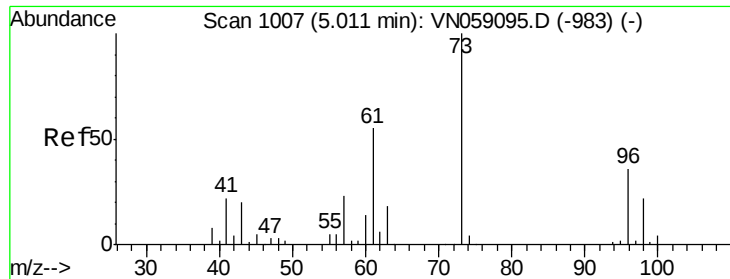
Tot Ion: 73 Resp: 302861  
Ion Ratio Lower Upper  
73 100  
57 22.5 18.4 27.6



#20  
Methylene Chloride  
Concen: 23.760 ug/l  
RT: 4.52 min Scan# 855  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Tgt Ion: 84 Resp: 100951  
Ion Ratio Lower Upper  
84 100  
49 124.4 102.0 153.0  
51 37.9 32.2 48.2  
86 63.5 50.7 76.1

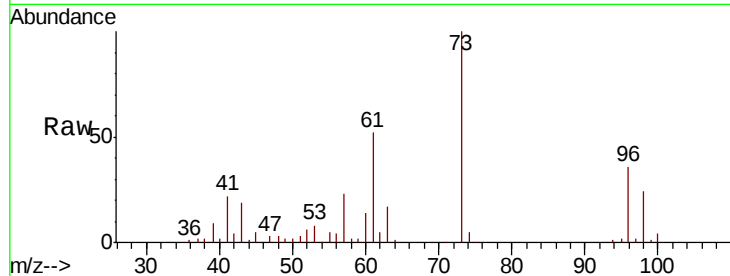




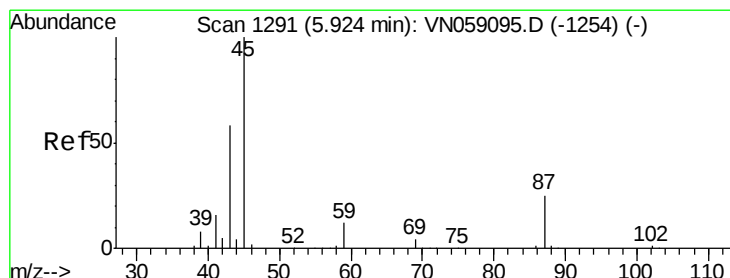
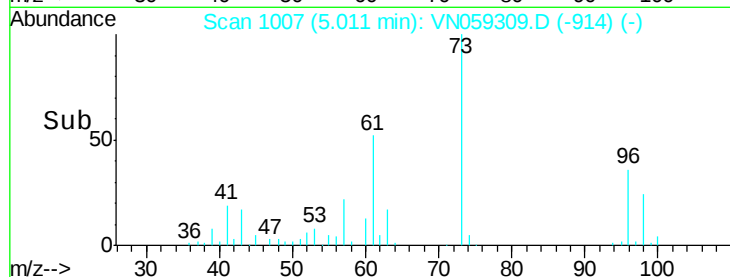
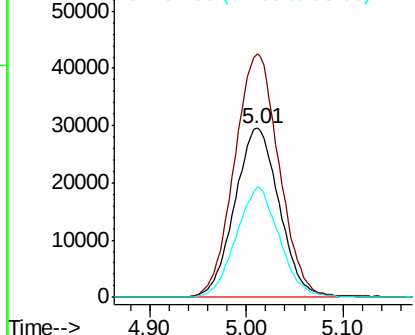
#21  
trans-1,2-Dichloroethene  
Concen: 24.696 ug/l  
RT: 5.01 min Scan# 1007  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 96 Resp: 94344  
Ion Ratio Lower Upper  
96 100  
61 143.8 122.6 183.8  
98 65.0 50.3 75.5

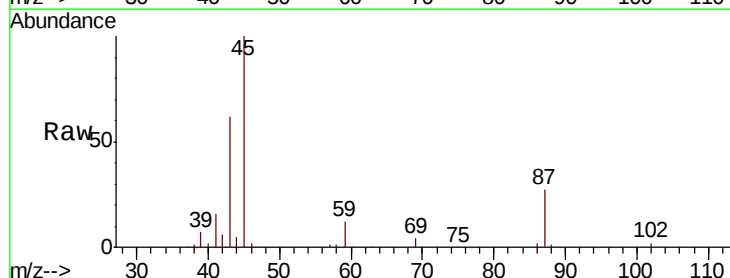


Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0

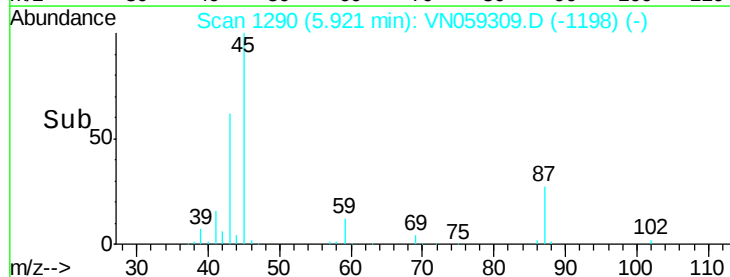
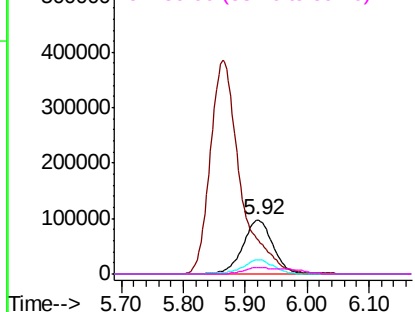


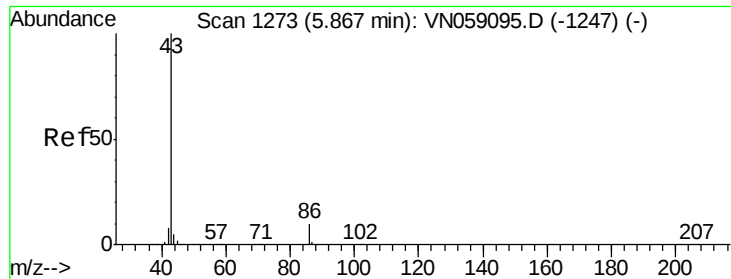
#22  
Diisopropyl ether  
Concen: 23.778 ug/l  
RT: 5.92 min Scan# 1290  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Tgt Ion: 45 Resp: 328347  
Ion Ratio Lower Upper  
45 100  
43 60.3 46.7 70.1  
87 27.4 20.5 30.7  
59 11.9 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 87.00 (86.70 to 87.70): VN0  
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 121.552 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

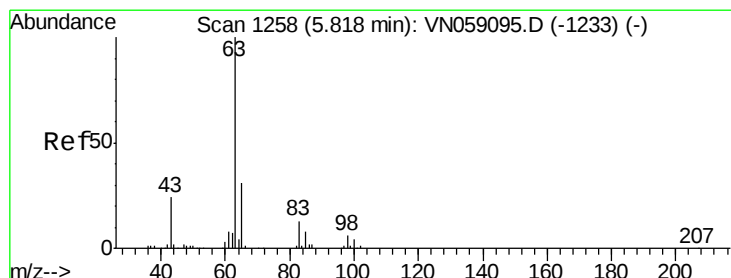
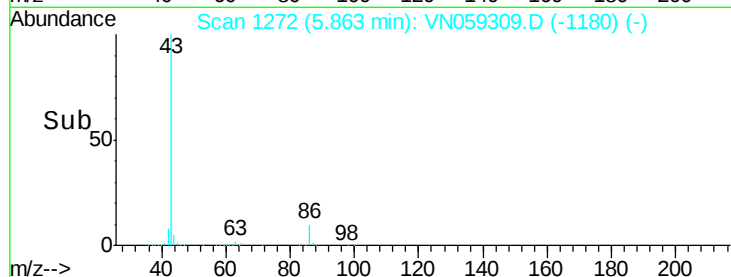
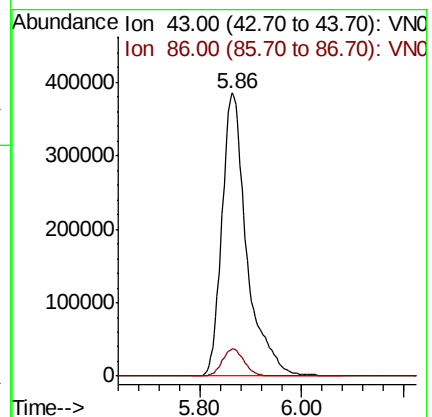
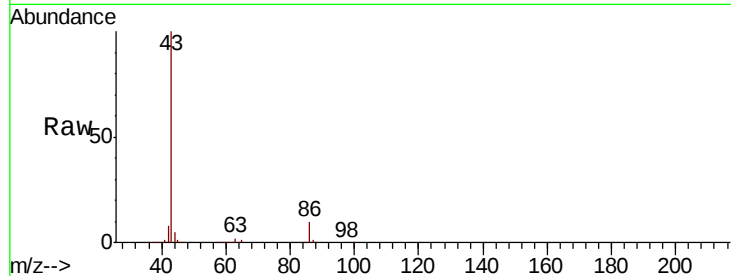
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 43 Resp: 1300851

Ion Ratio Lower Upper

43 100

86 9.7 7.7 11.5



#24

1,1-Dichloroethane

Concen: 23.688 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

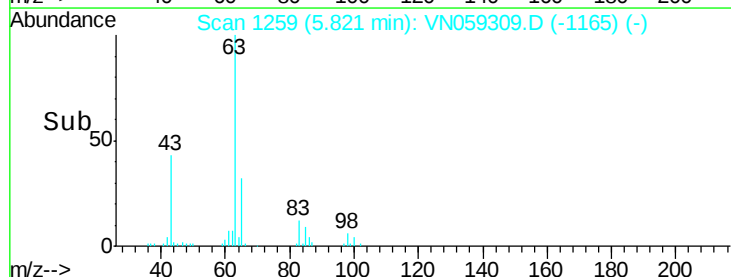
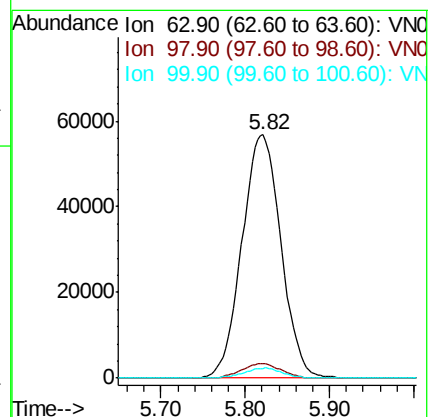
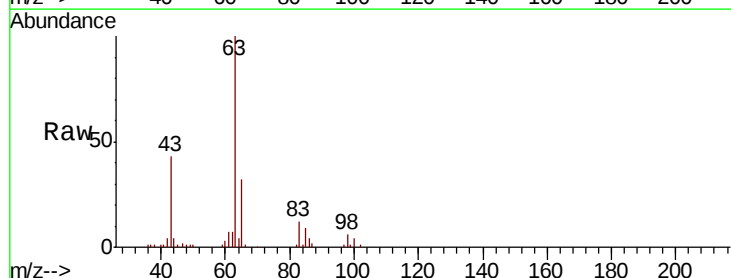
Tgt Ion: 63 Resp: 182696

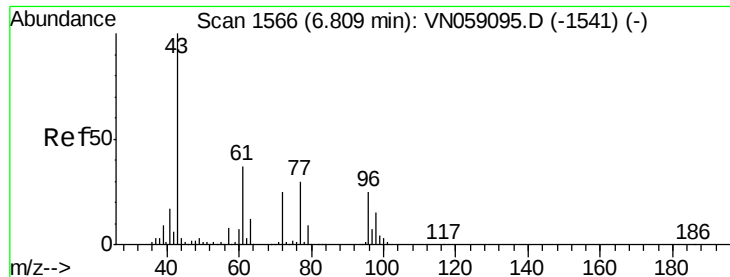
Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

100 4.0 1.9 5.7





#25

2-Butanone

Concen: 108.108 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

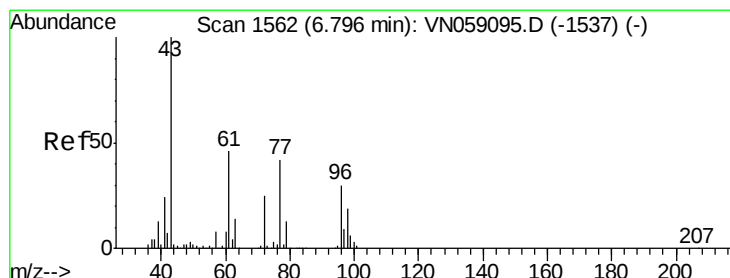
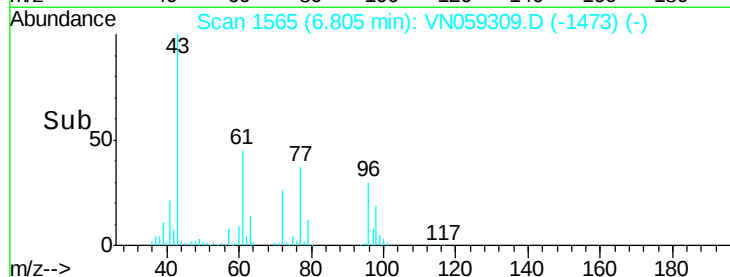
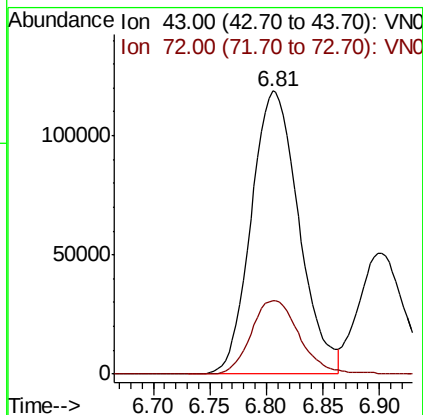
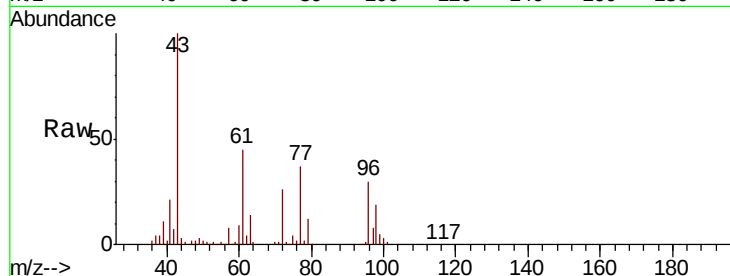
ClientSampleId :

Tot Ion: 43 Resp: 347486

Ion Ratio Lower Upper

43 100

72 25.9 20.3 30.5



#26

2,2-Dichloropropane

Concen: 22.709 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059309.D

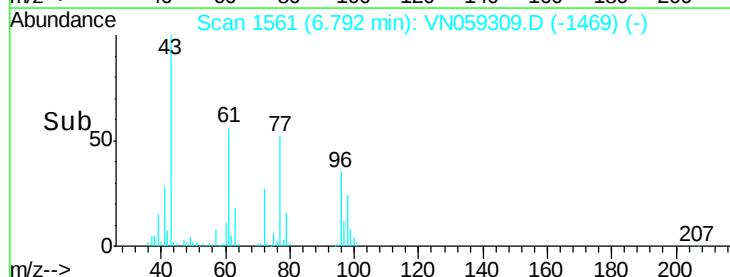
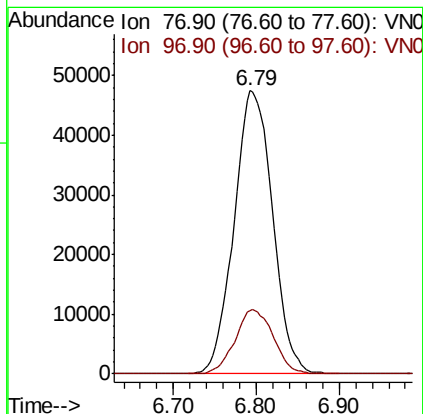
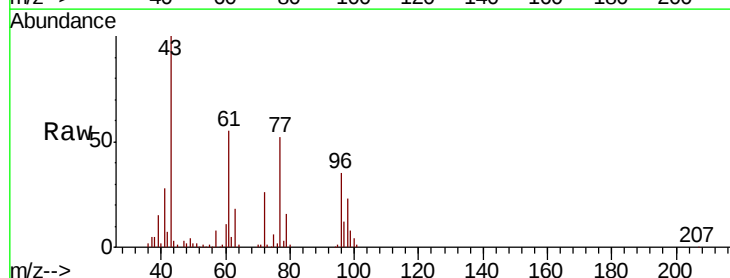
Acq: 19 Nov 2019 16:27

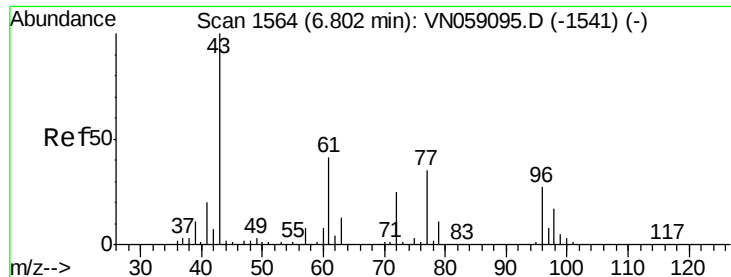
Tgt Ion: 77 Resp: 153149

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 23.975 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :  
MSVOA\_N  
ClientSampleId :

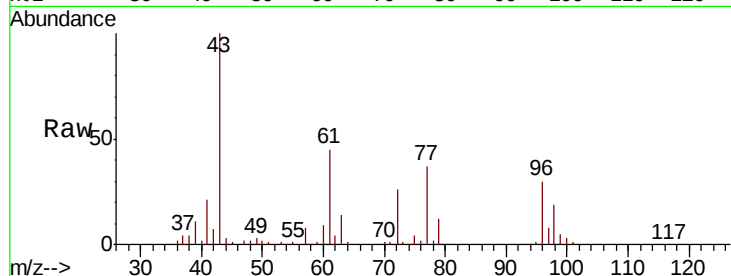
Tot Ion: 96 Resp: 106261

Ion Ratio Lower Upper

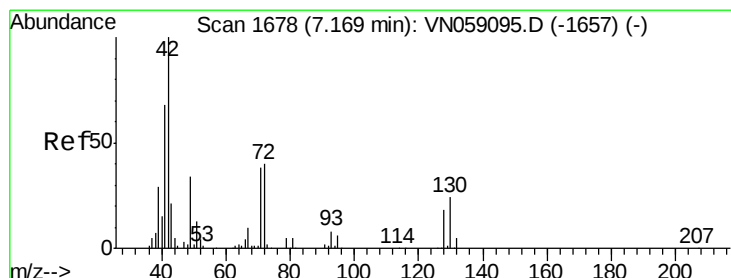
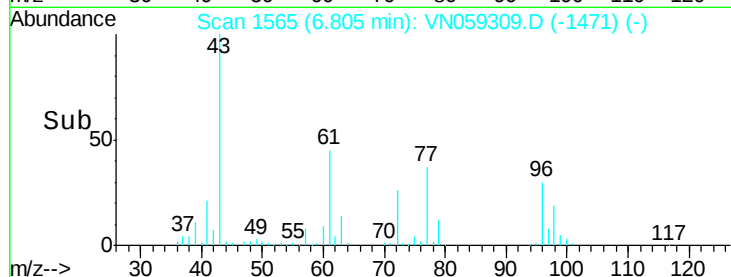
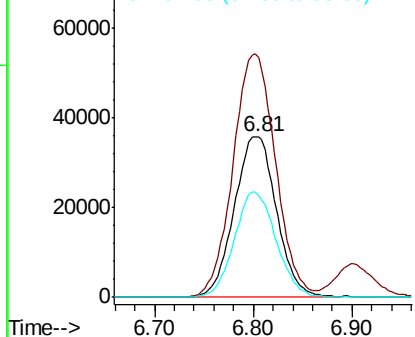
96 100

61 152.7 0.0 311.6

98 64.9 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.061 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

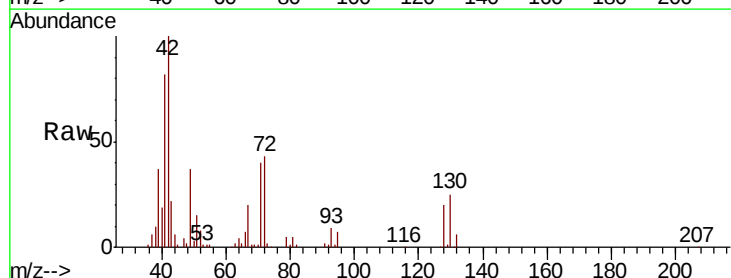
Tgt Ion: 49 Resp: 46550

Ion Ratio Lower Upper

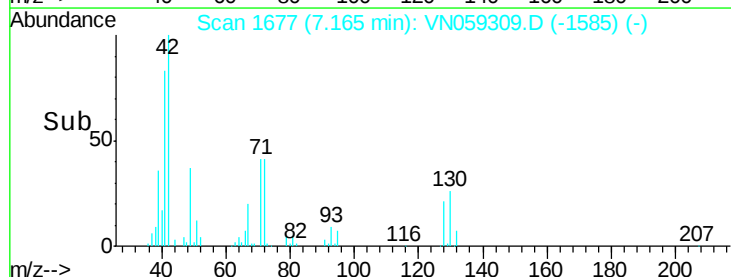
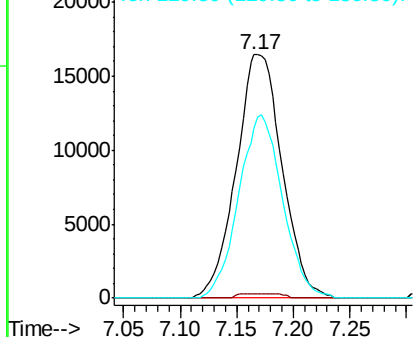
49 100

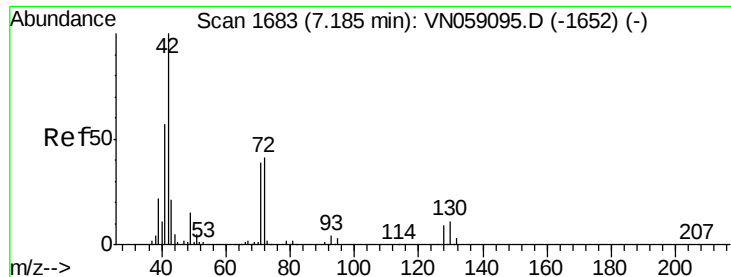
129 1.6 0.0 3.8

130 71.8 55.6 83.4



Abundance Ion 48.90 (48.60 to 49.60): VN0  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V

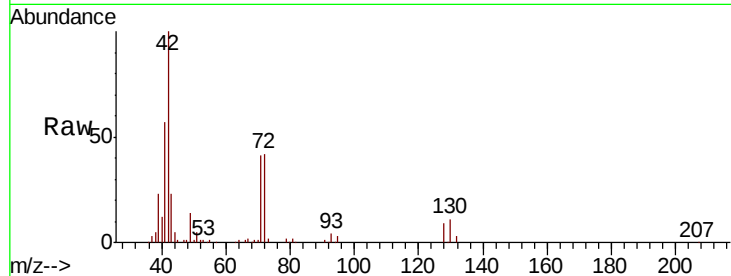




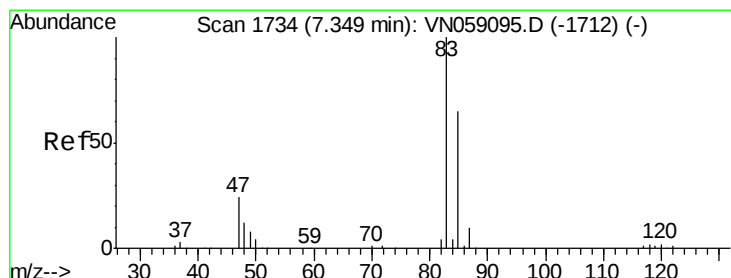
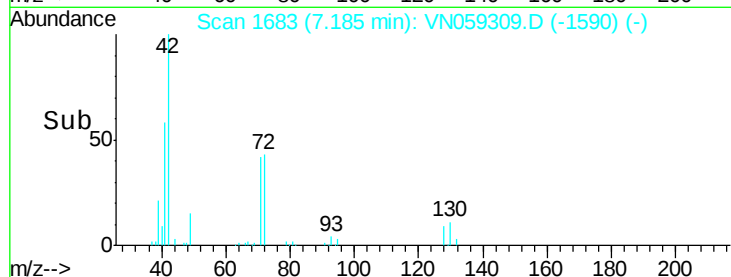
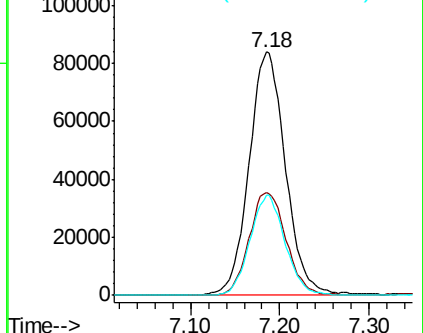
#29  
Tetrahydrofuran  
Concen: 116.802 ug/l  
RT: 7.18 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 42 Resp: 238548  
Ion Ratio Lower Upper  
42 100  
72 42.8 33.1 49.7  
71 39.6 30.9 46.3

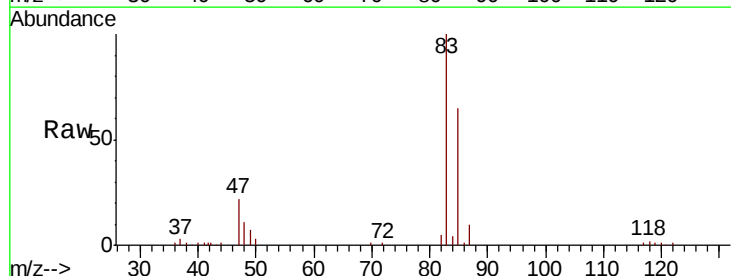


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

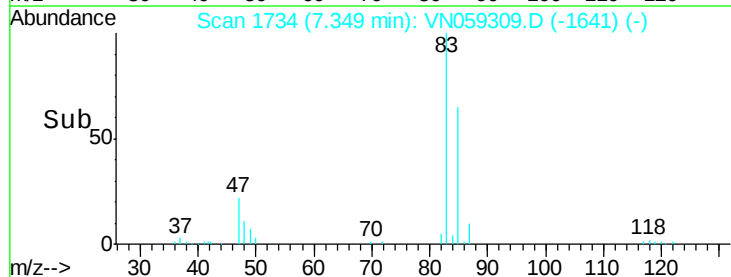
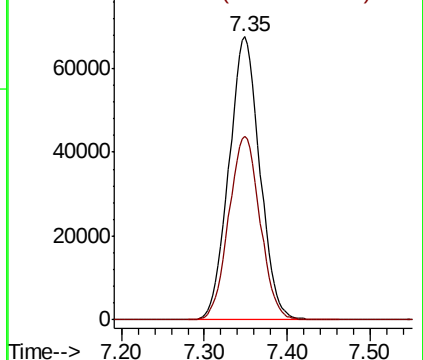


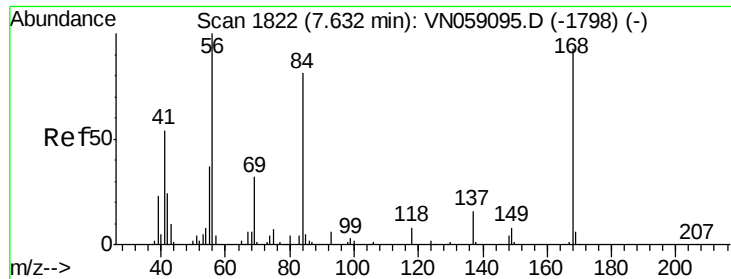
#30  
Chloroform  
Concen: 23.724 ug/l  
RT: 7.35 min Scan# 1734  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Tgt Ion: 83 Resp: 175523  
Ion Ratio Lower Upper  
83 100  
85 64.9 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0

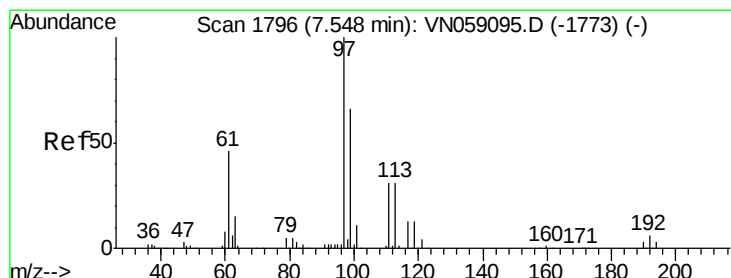
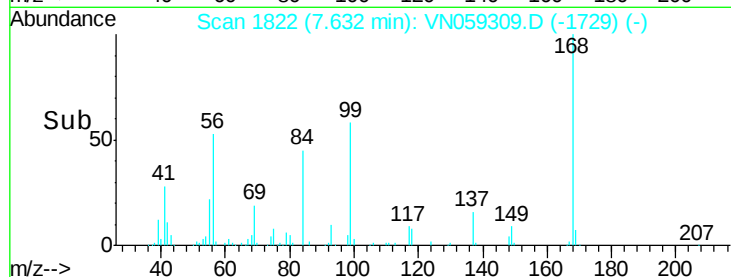
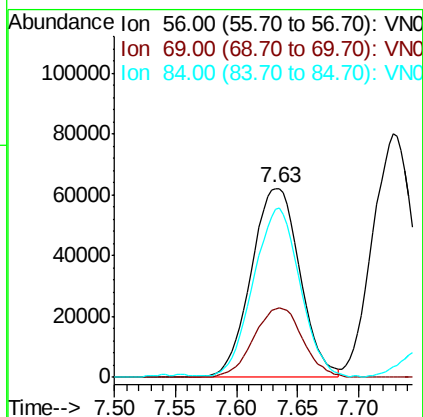
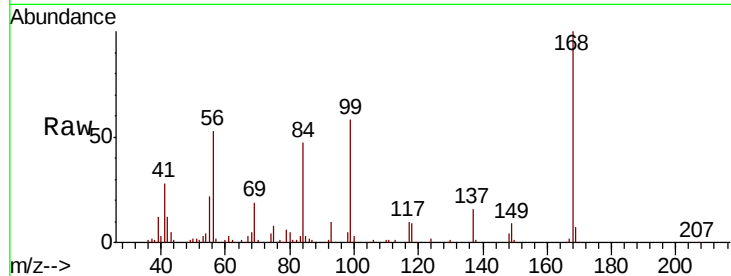




#31  
Cyclohexane  
Concen: 23.631 ug/l  
RT: 7.63 min Scan# 1822  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

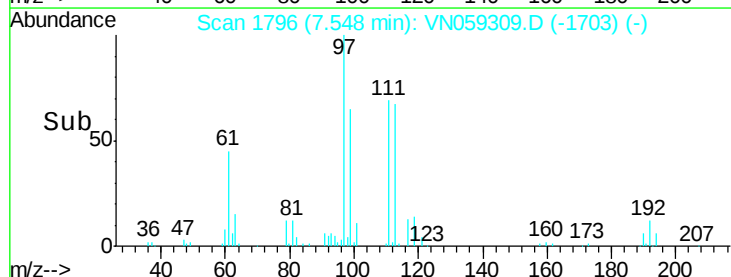
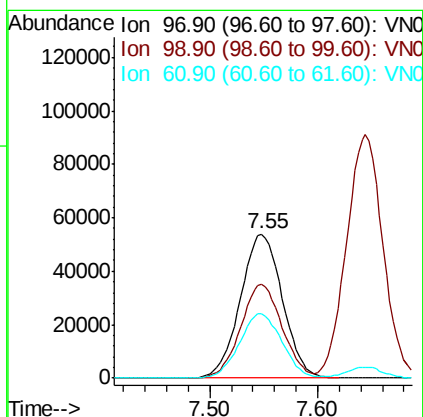
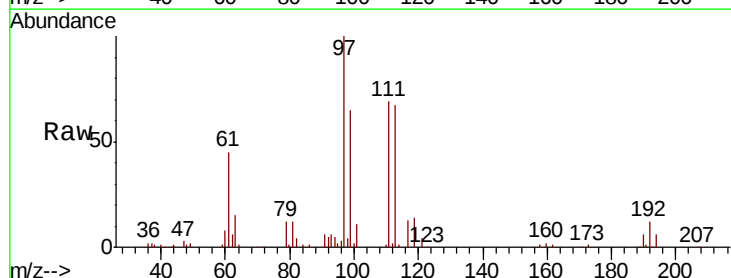
Instrument :  
MSVOA\_N  
ClientSampled :

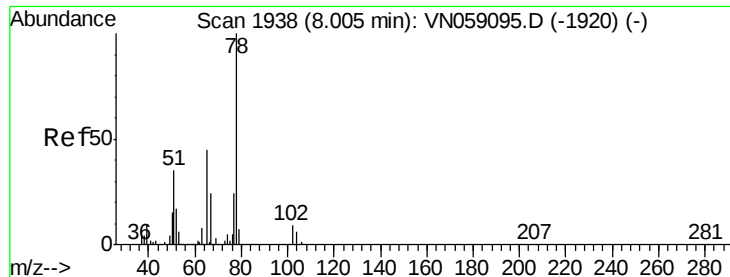
Tot Ion: 56 Resp: 172536  
Ion Ratio Lower Upper  
56 100  
69 36.3 25.8 38.8  
84 87.7 65.0 97.4



#32  
1,1,1-Trichloroethane  
Concen: 23.423 ug/l  
RT: 7.55 min Scan# 1796  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Tgt Ion: 97 Resp: 145697  
Ion Ratio Lower Upper  
97 100  
99 64.4 51.0 76.6  
61 45.2 35.8 53.8

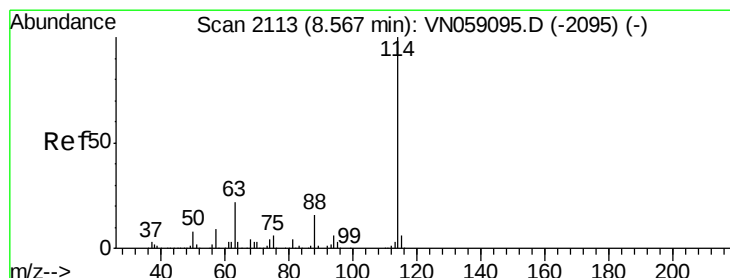
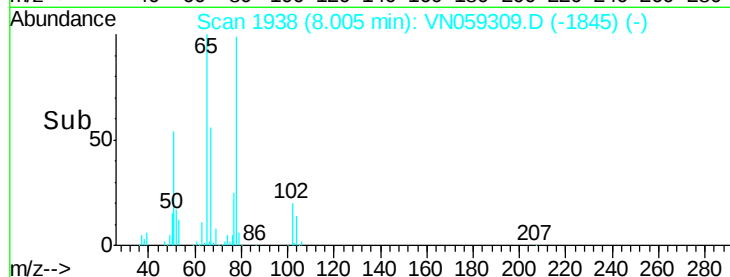
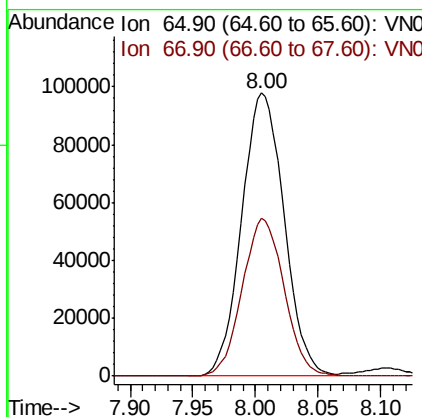
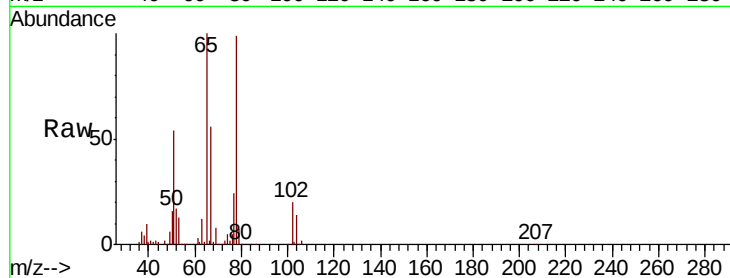




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.328 ug/l  
 RT: 8.00 min Scan# 1938  
 Delta R.T. -0.00 min  
 Lab File: VN059309.D  
 Acq: 19 Nov 2019 16:27

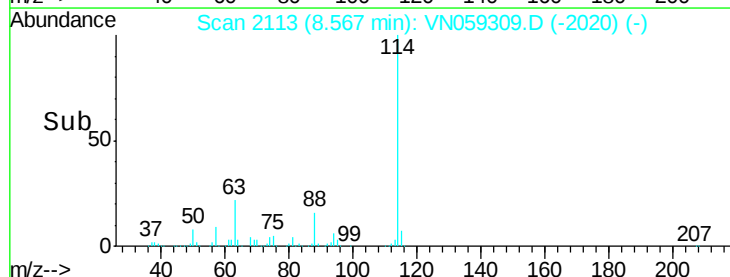
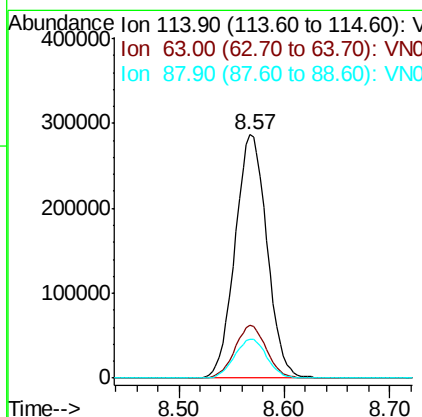
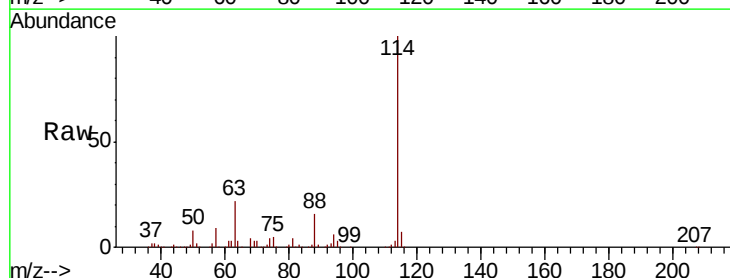
Instrument :  
 MSVOA\_N  
 ClientSampled :

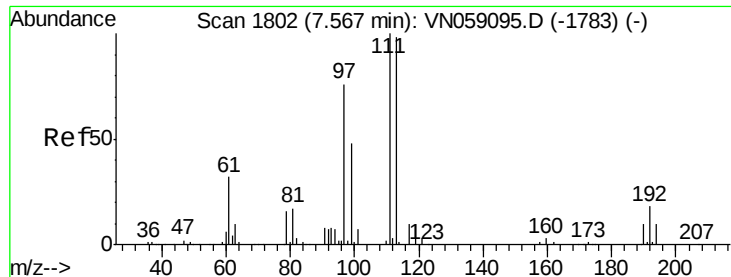
Tot Ion: 65 Resp: 231342  
 Ion Ratio Lower Upper  
 65 100  
 67 54.8 0.0 107.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. -0.00 min  
 Lab File: VN059309.D  
 Acq: 19 Nov 2019 16:27

Tgt Ion: 114 Resp: 602033  
 Ion Ratio Lower Upper  
 114 100  
 63 21.5 0.0 43.4  
 88 16.2 0.0 32.2

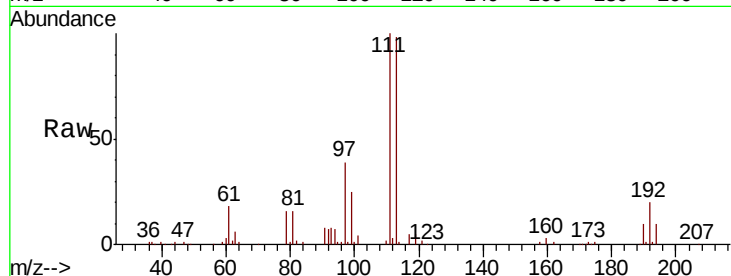




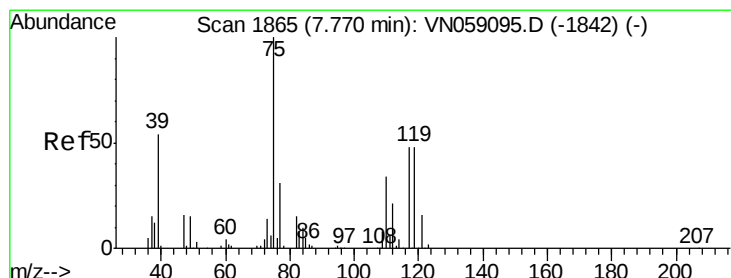
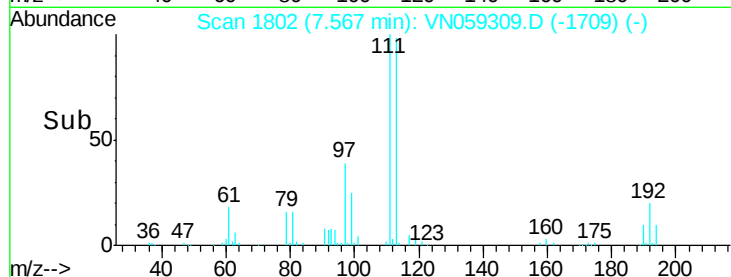
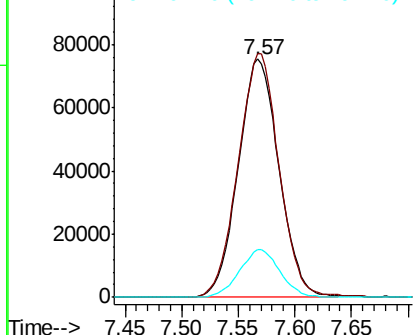
#35  
Dibromofluoromethane  
Concen: 52.653 ug/l  
RT: 7.57 min Scan# 1802  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:113 Resp: 189272  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.8 124.2  
192 19.7 16.1 24.1

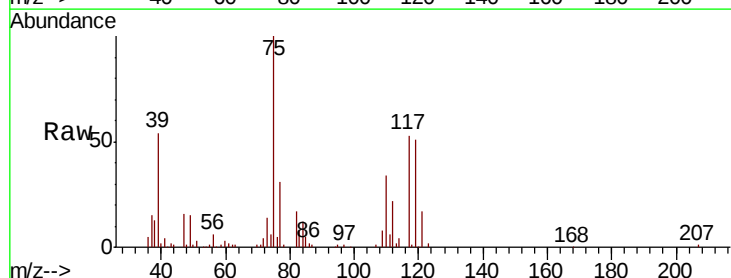


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

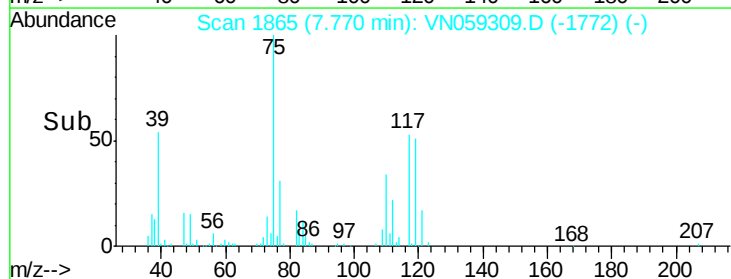
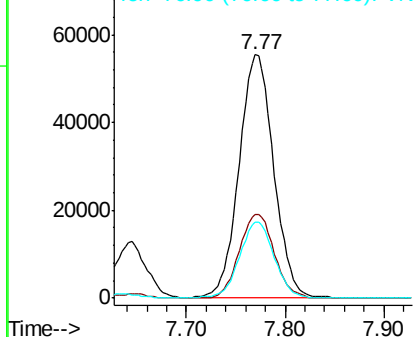


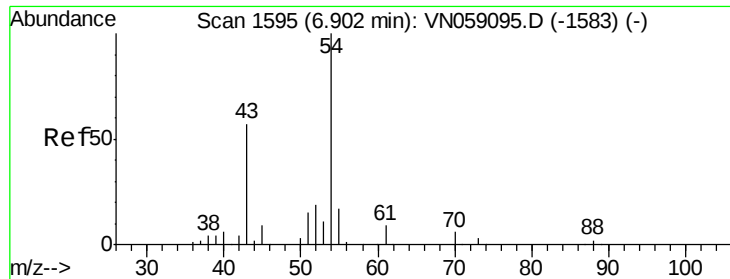
#36  
1,1-Dichloropropene  
Concen: 24.026 ug/l  
RT: 7.77 min Scan# 1865  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Tgt Ion: 75 Resp: 135199  
Ion Ratio Lower Upper  
75 100  
110 34.5 17.1 51.2  
77 31.2 24.8 37.2



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

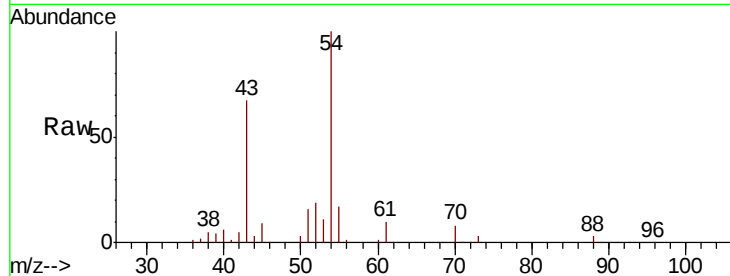




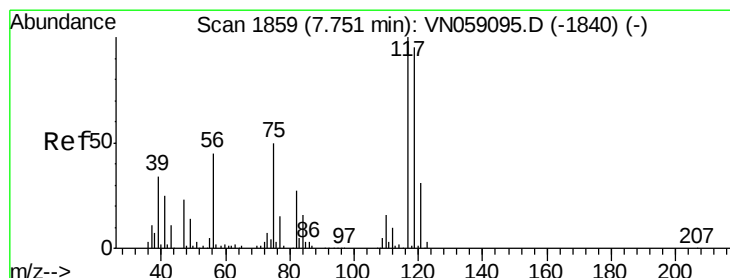
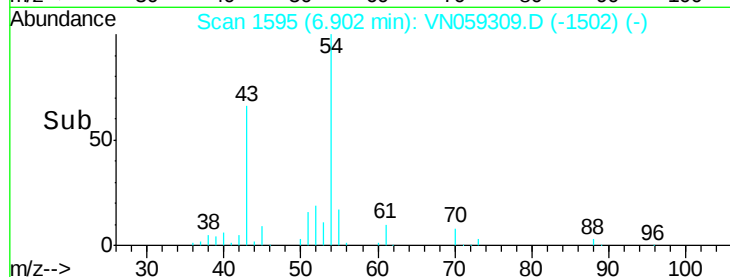
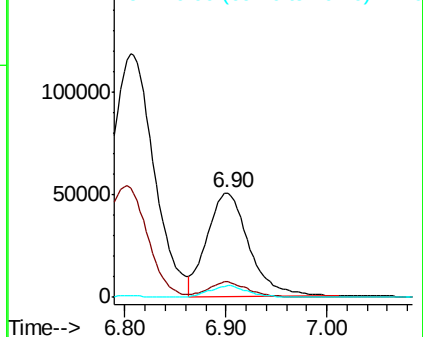
#37  
Ethyl Acetate  
Concen: 23.325 ug/l  
RT: 6.90 min Scan# 1595  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 43 Resp: 146016  
Ion Ratio Lower Upper  
43 100  
61 14.4 11.2 16.8  
70 10.4 7.8 11.8

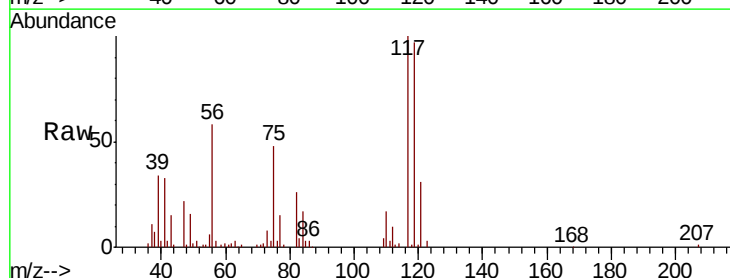


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

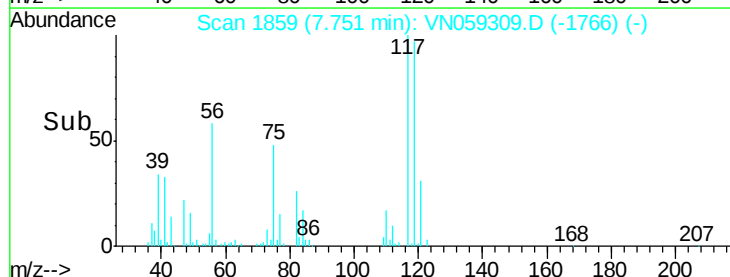
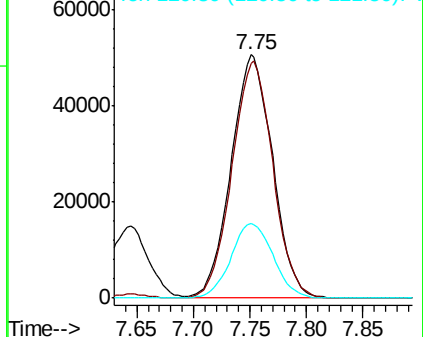


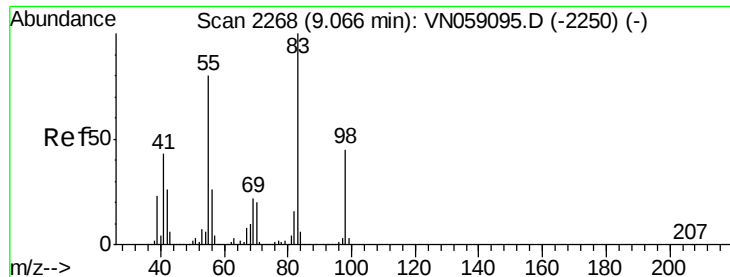
#38  
Carbon Tetrachloride  
Concen: 23.047 ug/l  
RT: 7.75 min Scan# 1859  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Tgt Ion: 117 Resp: 129084  
Ion Ratio Lower Upper  
117 100  
119 96.5 75.6 113.4  
121 30.8 24.6 36.8



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

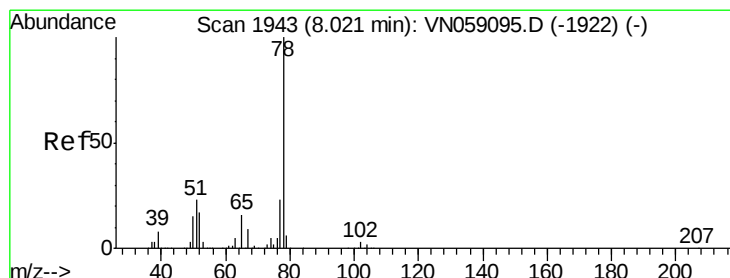
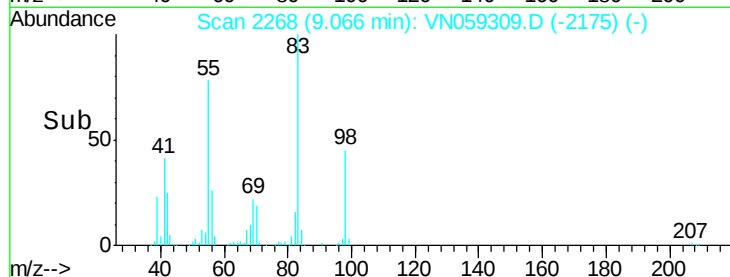
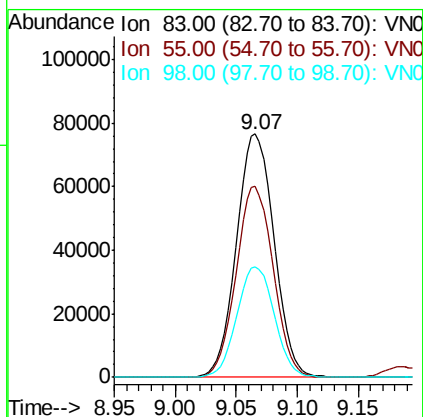
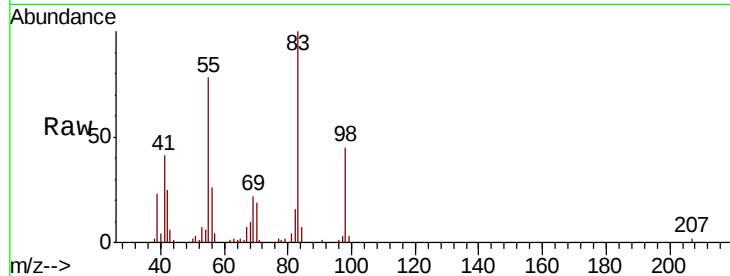




#39  
Methvlcvclohexane  
Concen: 25.060 ug/l  
RT: 9.07 min Scan# 2268  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

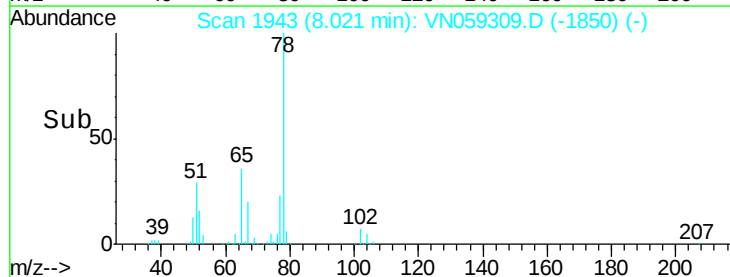
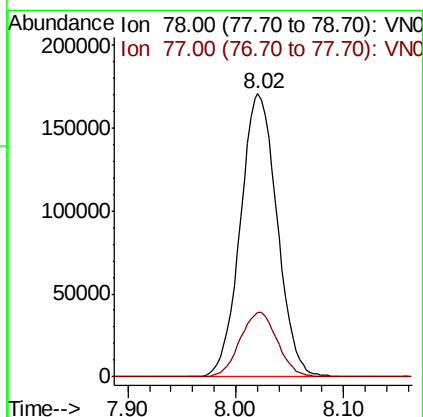
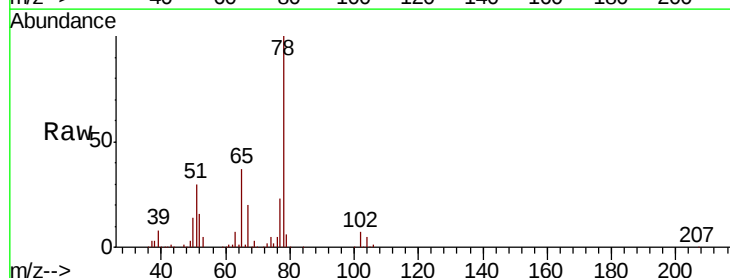
Instrument :  
MSVOA\_N  
ClientSampled :

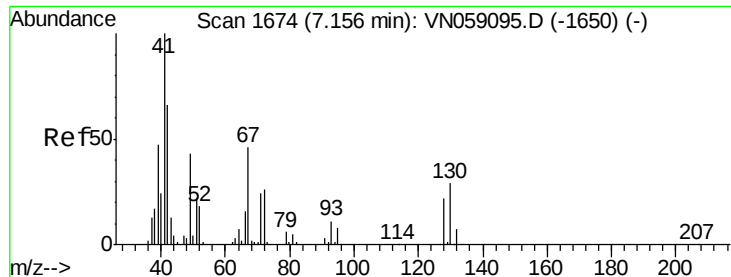
| Tot Ion   | 83    | Resp  | 163666 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 78.4  | 63.9  | 95.9   |
| 98        | 45.3  | 35.6  | 53.4   |



#40  
Benzene  
Concen: 23.808 ug/l  
RT: 8.02 min Scan# 1943  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

| Tgt Ion   | 78    | Resp  | 403440 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 22.9  | 18.8  | 28.2   |

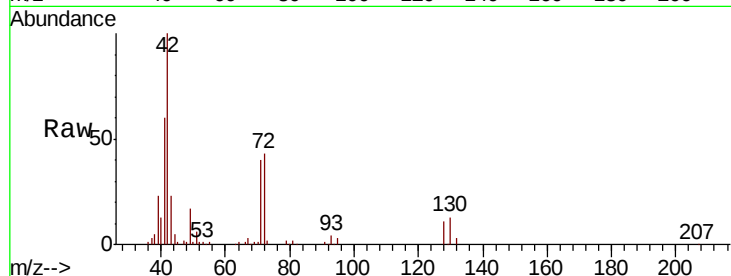




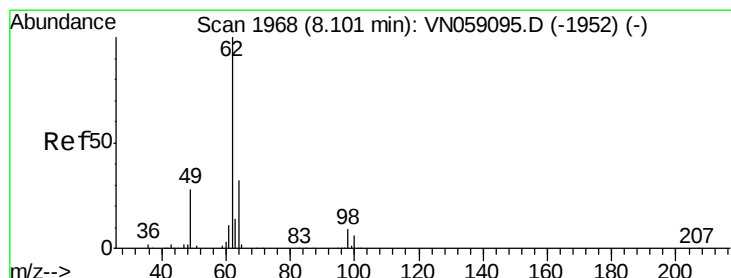
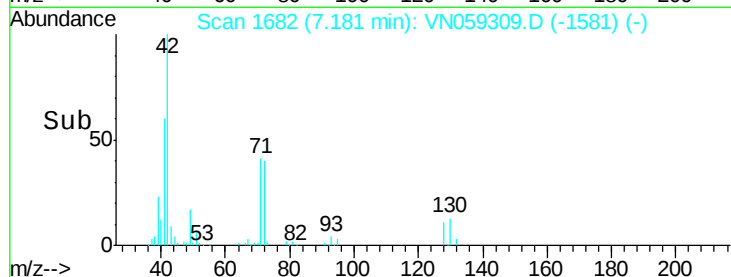
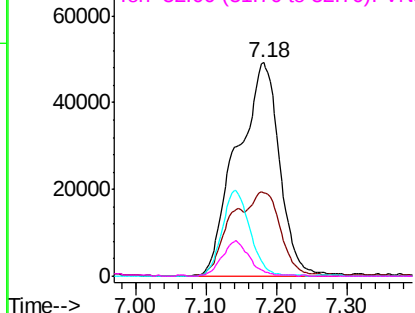
#41  
Methacrylonitrile  
Concen: 76.312 ug/l  
RT: 7.18 min Scan# 1682  
Delta R.T. 0.03 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Instrument :  
MSVOA\_N  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 207736 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 0.0   | 0.0   | 0.0    |
| 67       | 0.0   | 0.0   | 0.0    |
| 52       | 0.0   | 0.0   | 0.0    |

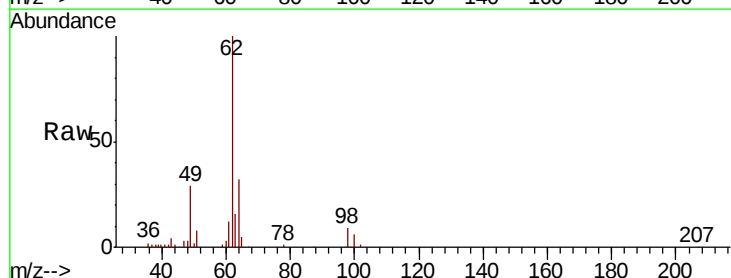


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

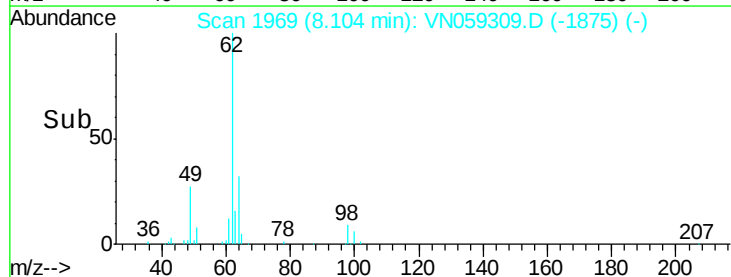
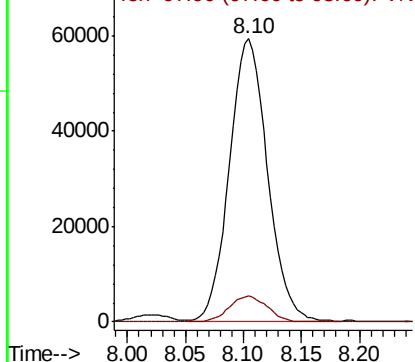


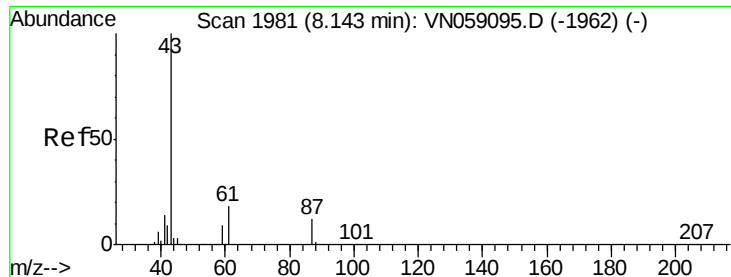
#42  
1,2-Dichloroethane  
Concen: 23.275 ug/l  
RT: 8.10 min Scan# 1969  
Delta R.T. 0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 135273 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.2   | 0.0   | 17.8   |



Abundance Ion 61.90 (61.60 to 62.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0

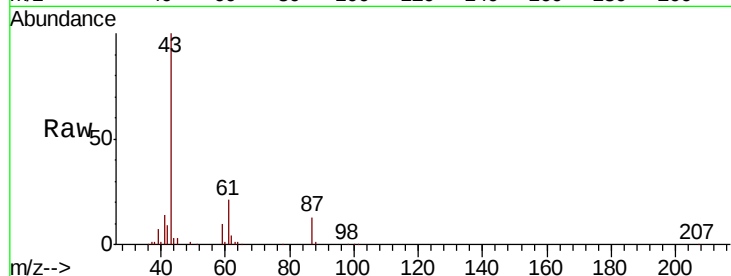




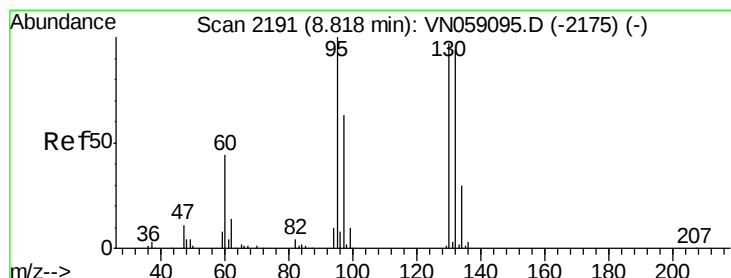
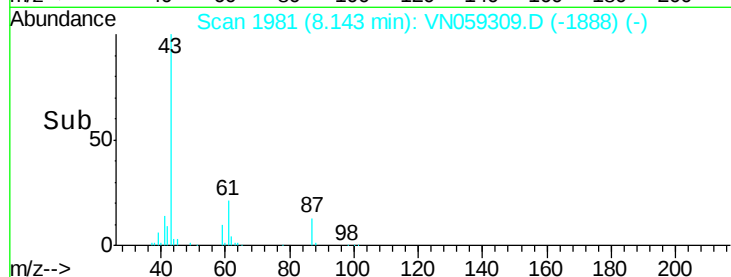
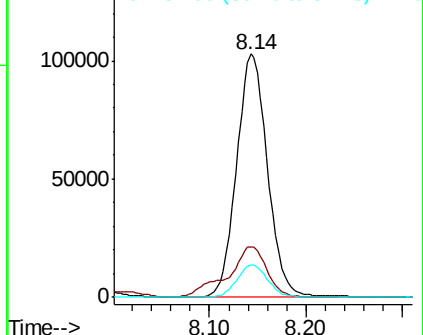
#43  
Isopropyl Acetate  
Concen: 22.713 ug/l  
RT: 8.14 min Scan# 1981  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 43 Resp: 226682  
Ion Ratio Lower Upper  
43 100  
61 26.3 21.0 31.6  
87 13.3 9.8 14.6

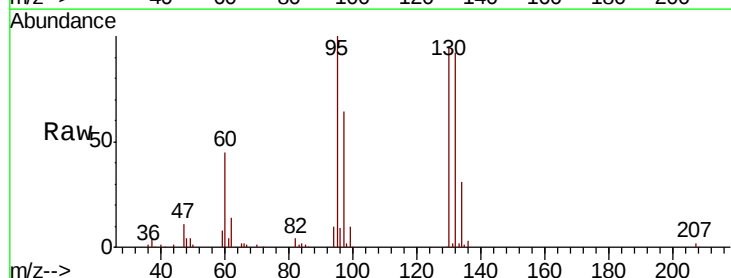


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 61.00 (60.70 to 61.70): VN0  
Ion 87.00 (86.70 to 87.70): VN0

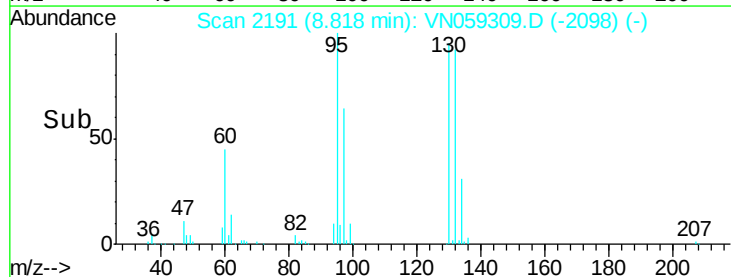
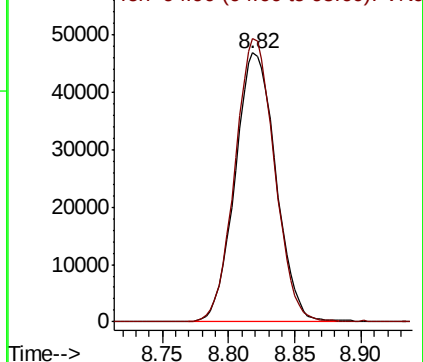


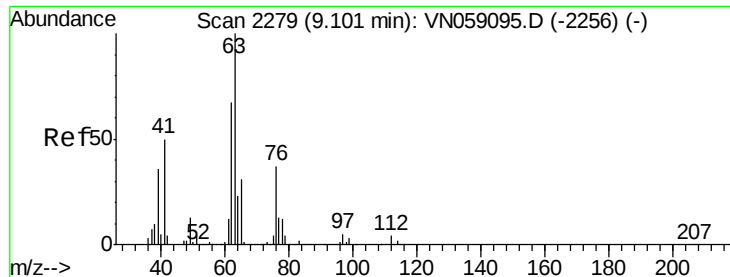
#44  
Trichloroethene  
Concen: 23.995 ug/l  
RT: 8.82 min Scan# 2191  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Tgt Ion:130 Resp: 99953  
Ion Ratio Lower Upper  
130 100  
95 105.2 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VN0

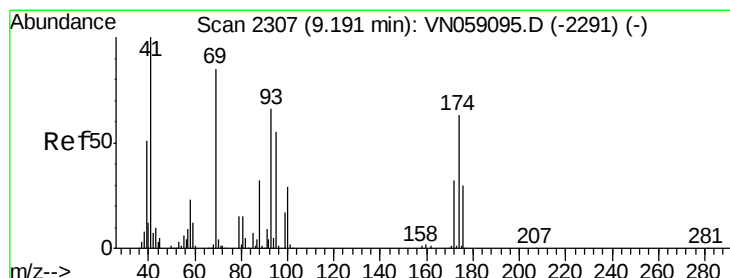
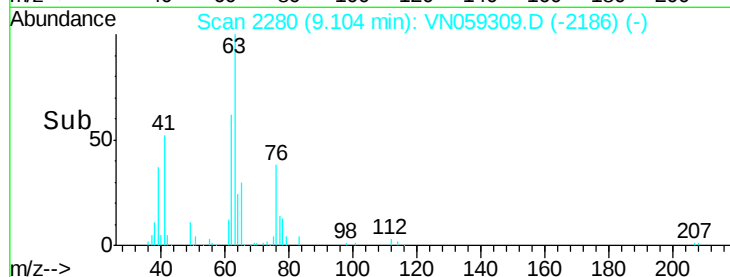
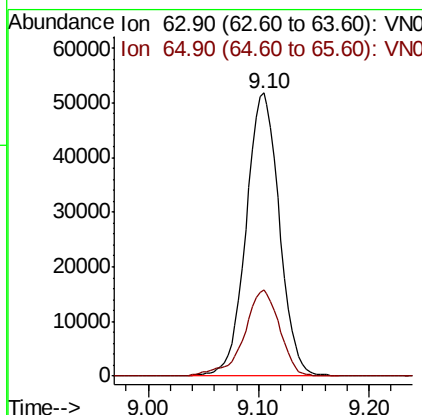
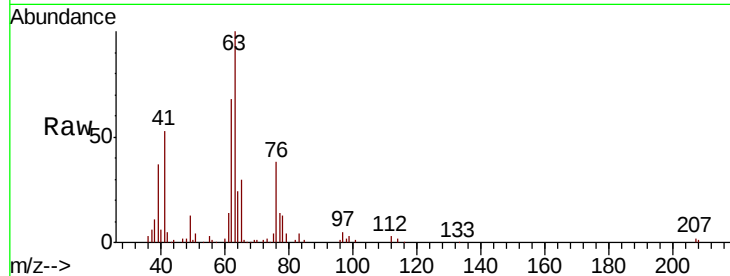




#45  
 1,2-Dichloropropane  
 Concen: 23.515 ug/l  
 RT: 9.10 min Scan# 2280  
 Delta R.T. 0.00 min  
 Lab File: VN059309.D  
 Acq: 19 Nov 2019 16:27

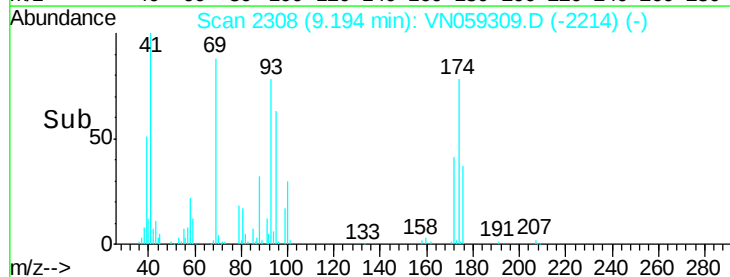
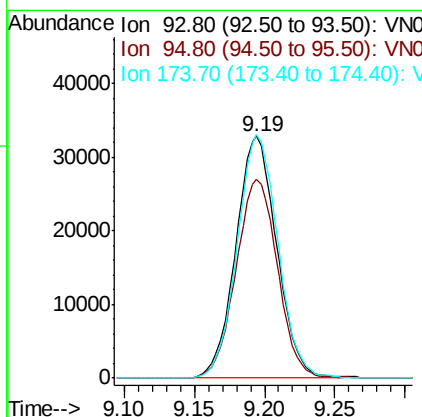
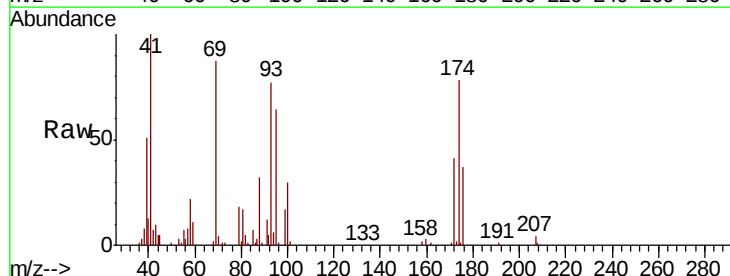
Instrument :  
 MSVOA\_N  
 ClientSampled :

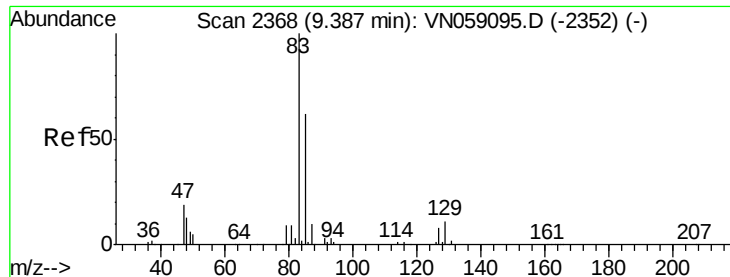
Tot Ion: 63 Resp: 108235  
 Ion Ratio Lower Upper  
 63 100  
 65 30.3 24.6 37.0



#46  
 Dibromomethane  
 Concen: 23.241 ug/l  
 RT: 9.19 min Scan# 2308  
 Delta R.T. 0.00 min  
 Lab File: VN059309.D  
 Acq: 19 Nov 2019 16:27

Tgt Ion: 93 Resp: 66659  
 Ion Ratio Lower Upper  
 93 100  
 95 83.5 66.6 100.0  
 174 100.0 78.2 117.2





#47

Bromodichloromethane

Concen: 23.561 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

ClientSampled :

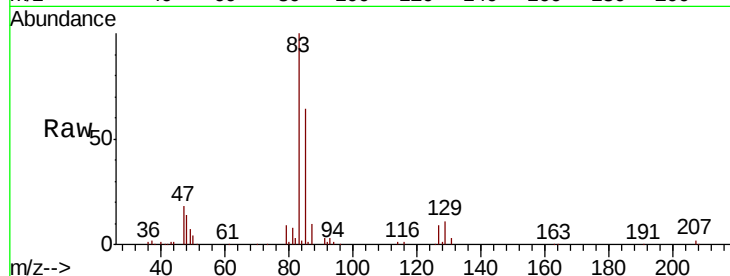
Tot Ion: 83 Resp: 134938

Ion Ratio Lower Upper

83 100

85 63.8 49.7 74.5

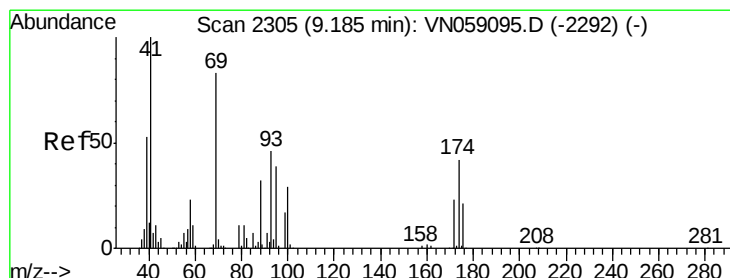
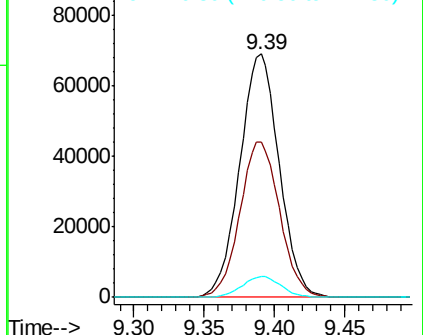
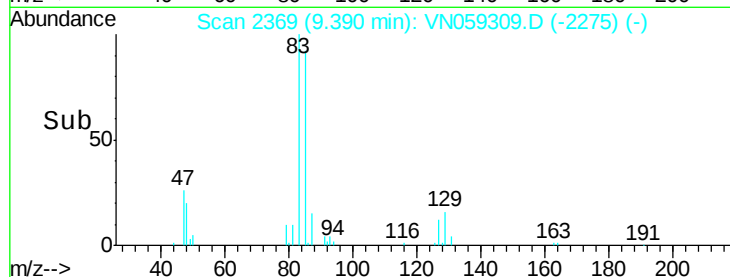
127 8.5 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 22.673 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

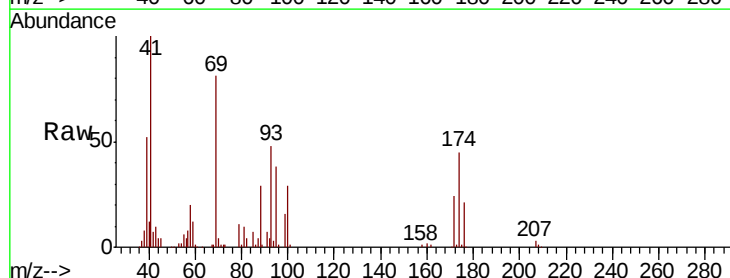
Tgt Ion: 41 Resp: 101216

Ion Ratio Lower Upper

41 100

69 86.0 67.3 100.9

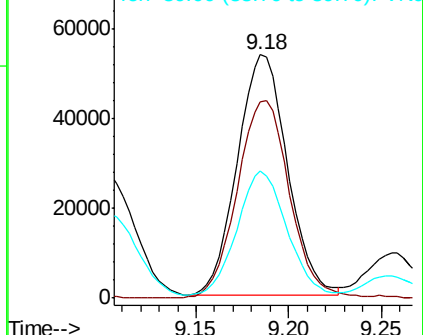
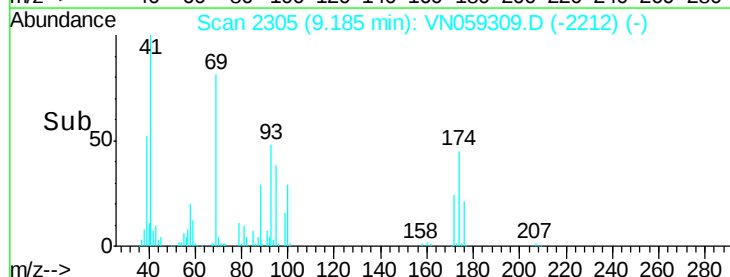
39 53.3 43.3 64.9

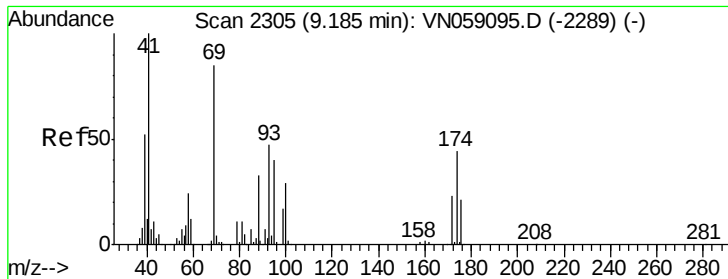


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

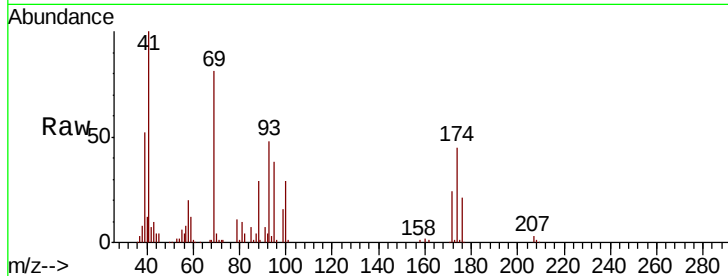




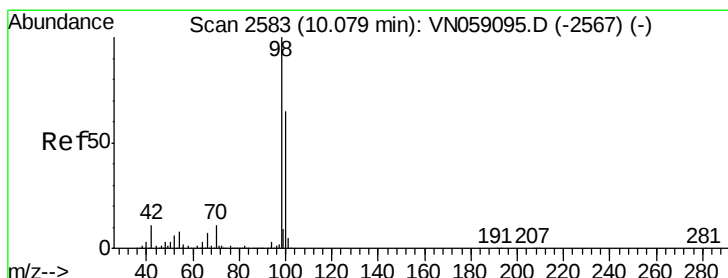
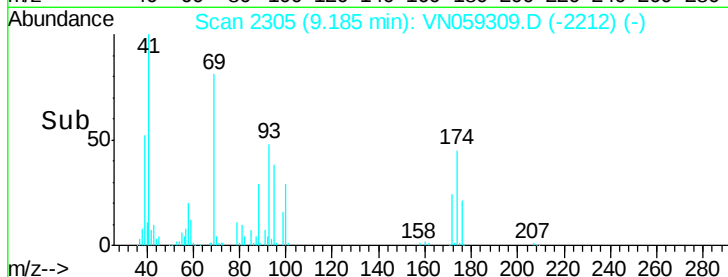
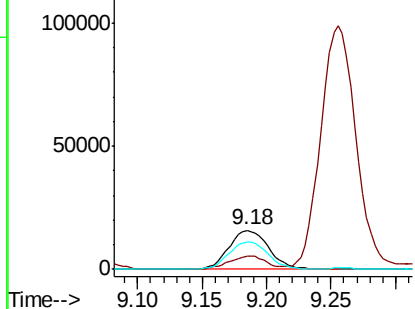
#49  
1,4-Dioxane  
Concen: 431.982 ug/l  
RT: 9.18 min Scan# 2305  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 88 Resp: 34271  
Ion Ratio Lower Upper  
88 100  
43 32.4 26.3 39.5  
58 68.8 60.6 90.8

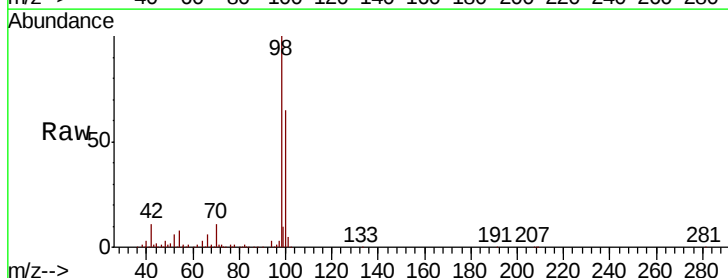


Abundance Ion 88.00 (87.70 to 88.70): VNO  
Ion 43.00 (42.70 to 43.70): VNO  
Ion 58.00 (57.70 to 58.70): VNO

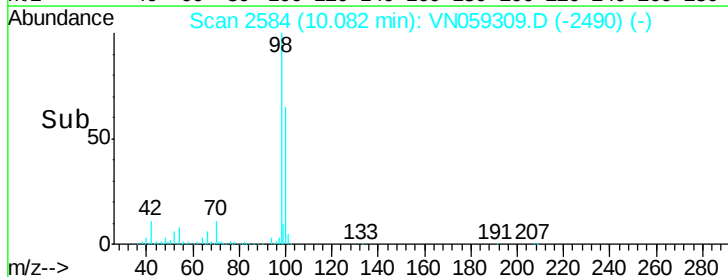
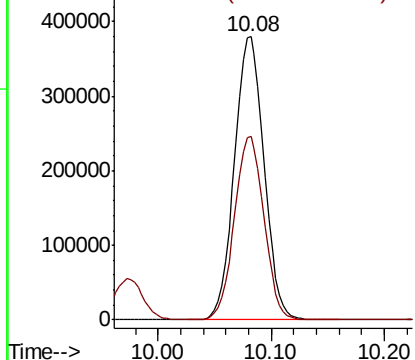


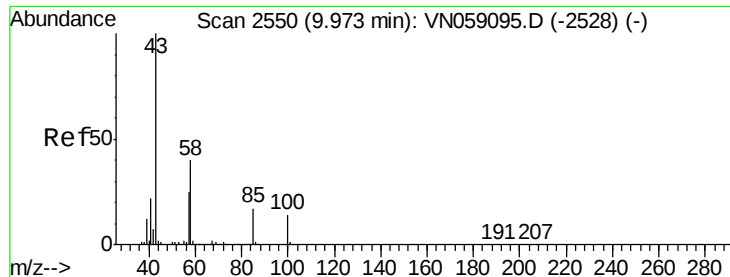
#50  
Toluene-d8  
Concen: 48.939 ug/l  
RT: 10.08 min Scan# 2584  
Delta R.T. 0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Tgt Ion: 98 Resp: 692940  
Ion Ratio Lower Upper  
98 100  
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VNO  
Ion 100.00 (99.70 to 100.70): VNO





#51

4-Methyl-2-Pentanone

Concen: 124.920 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

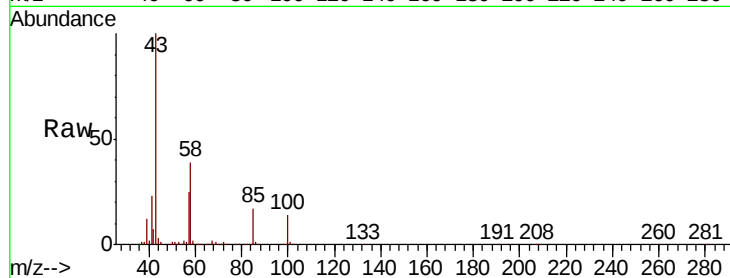
ClientSampleId :

Tot Ion: 43 Resp: 705431

Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN059309.D (-2457) (-)

Ion 58.00 (57.70 to 58.70): VN059309.D (-2457) (-)

9.97

400000

300000

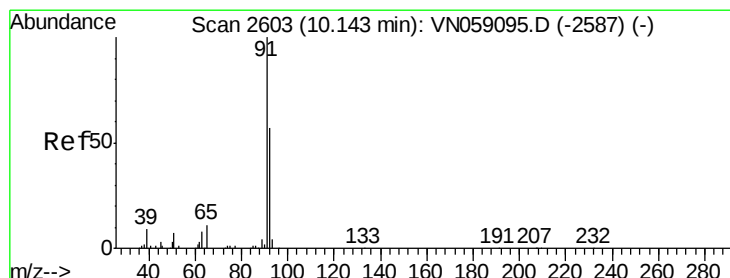
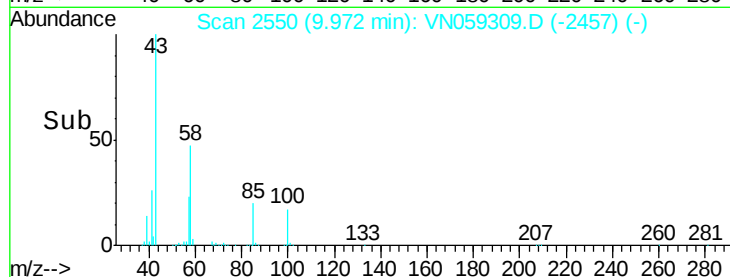
200000

100000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 23.820 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059309.D

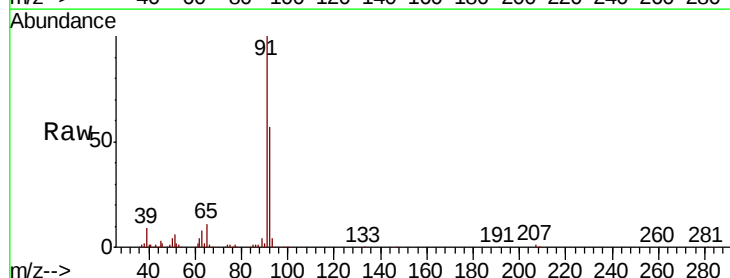
Acq: 19 Nov 2019 16:27

Tgt Ion: 92 Resp: 241936

Ion Ratio Lower Upper

92 100

91 174.5 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN059309.D (-2510) (-)

Ion 91.00 (90.70 to 91.70): VN059309.D (-2510) (-)

10.15

250000

200000

150000

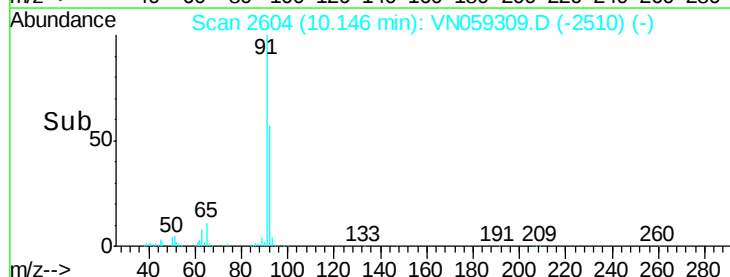
100000

50000

0

10.10 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 23.080 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

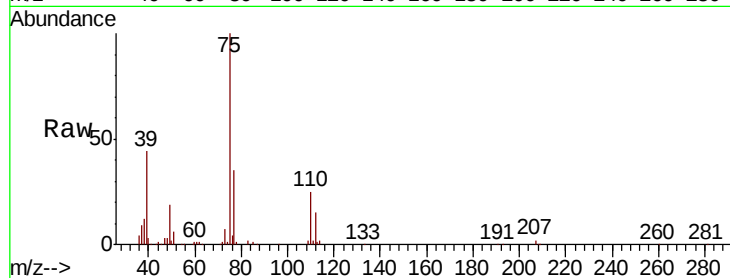
ClientSampleId :

Tot Ion: 75 Resp: 152720

Ion Ratio Lower Upper

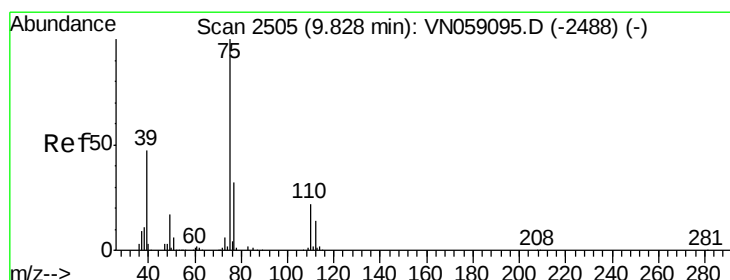
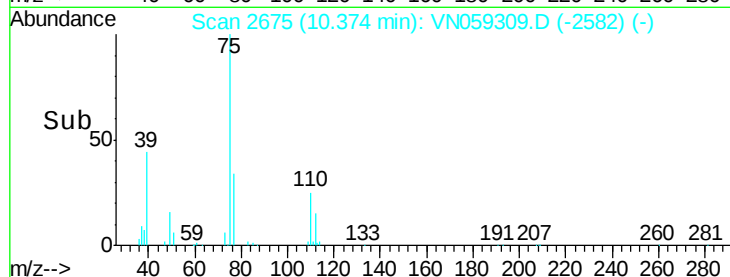
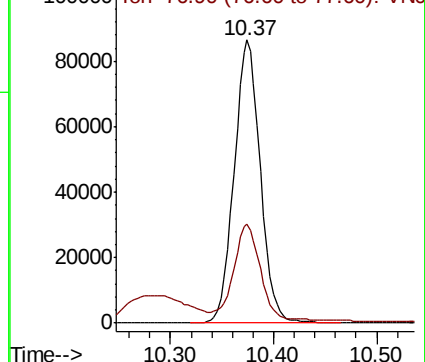
75 100

77 33.9 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 23.533 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

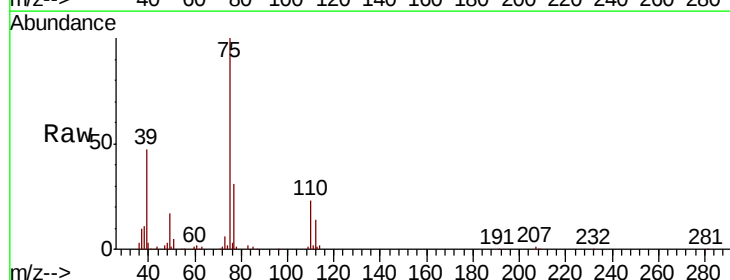
Tgt Ion: 75 Resp: 167503

Ion Ratio Lower Upper

75 100

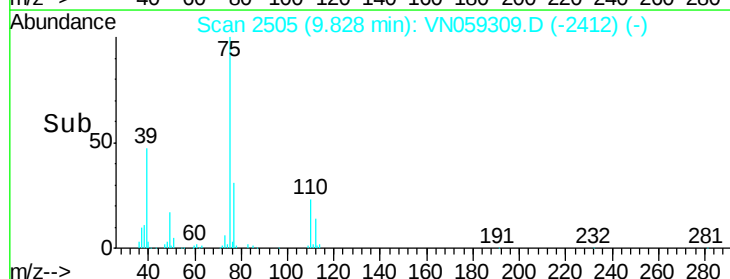
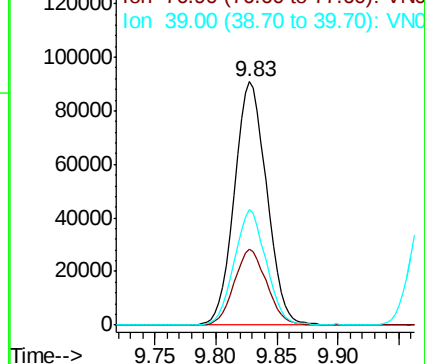
77 31.1 25.5 38.3

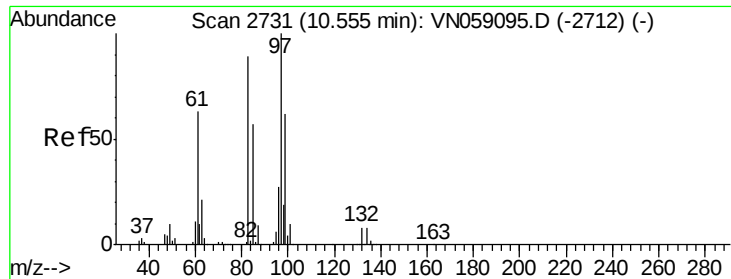
39 47.1 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

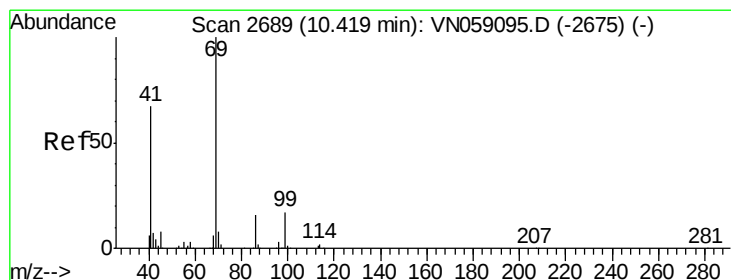
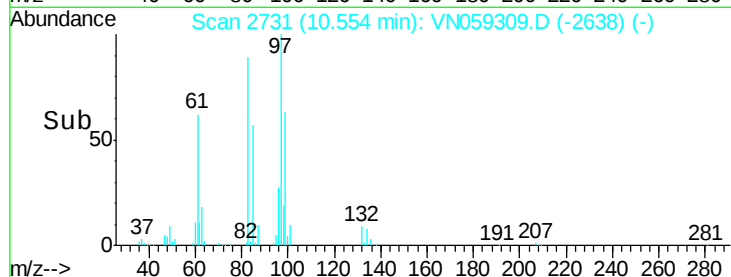
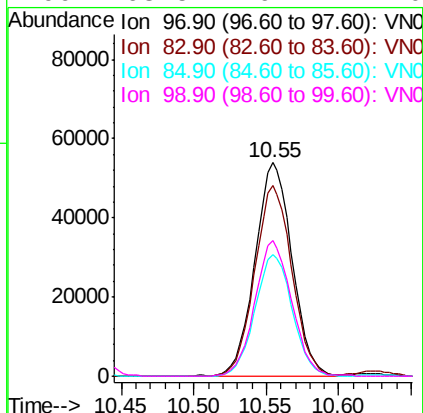
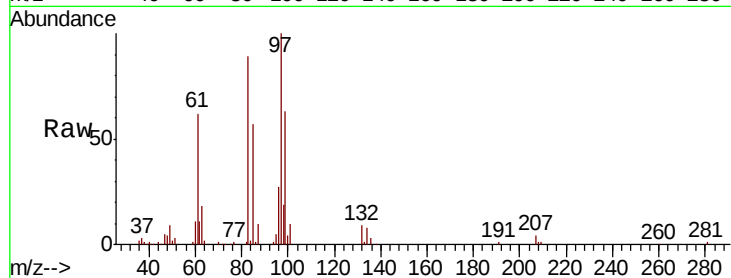




#55  
 1,1,2-Trichloroethane  
 Concen: 23.436 ug/l  
 RT: 10.55 min Scan# 2731  
 Delta R.T. -0.00 min  
 Lab File: VN059309.D  
 Acq: 19 Nov 2019 16:27

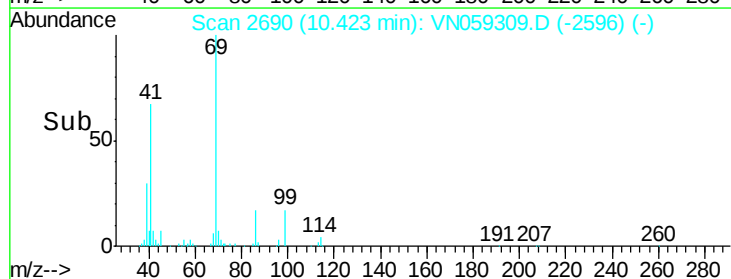
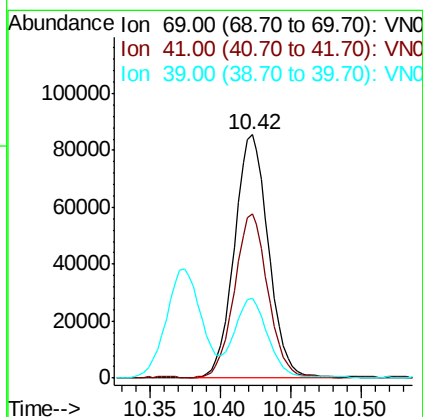
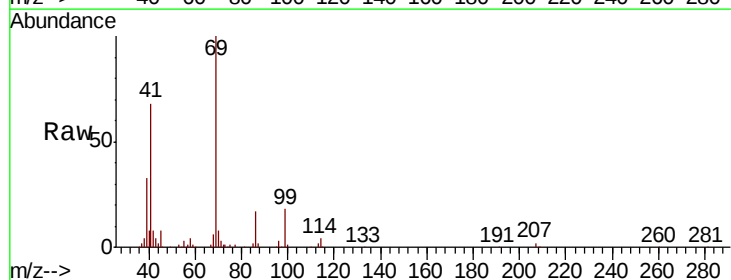
Instrument :  
 MSVOA\_N  
 ClientSampleId :

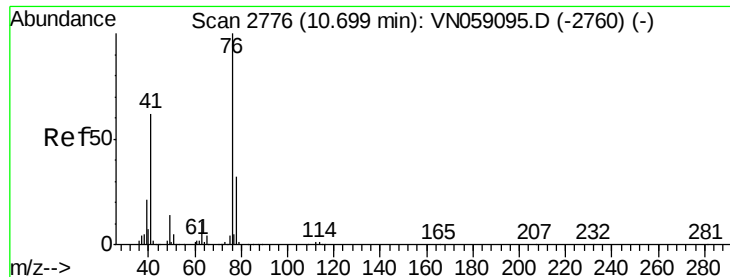
Tot Ion: 97 Resp: 96332  
 Ion Ratio Lower Upper  
 97 100  
 83 89.0 71.0 106.4  
 85 57.0 45.8 68.8  
 99 63.5 49.4 74.0



#56  
 Ethyl methacrylate  
 Concen: 22.243 ug/l  
 RT: 10.42 min Scan# 2690  
 Delta R.T. 0.00 min  
 Lab File: VN059309.D  
 Acq: 19 Nov 2019 16:27

Tgt Ion: 69 Resp: 145091  
 Ion Ratio Lower Upper  
 69 100  
 41 65.3 53.6 80.4  
 39 32.0 26.2 39.4





#57

1,3-Dichloropropane

Concen: 23.628 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

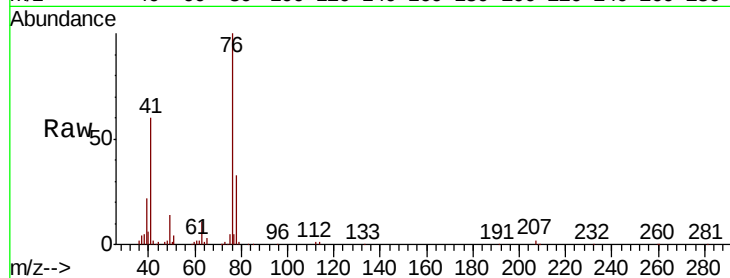
ClientSampled :

Tot Ion: 76 Resp: 167160

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

80000

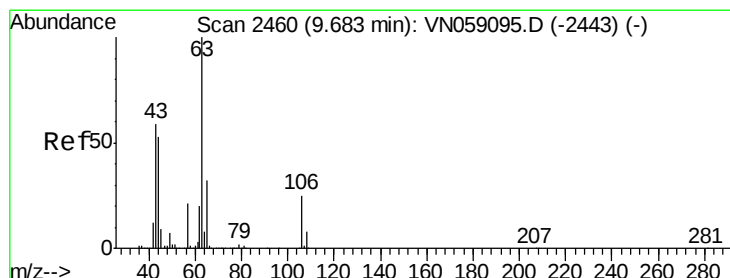
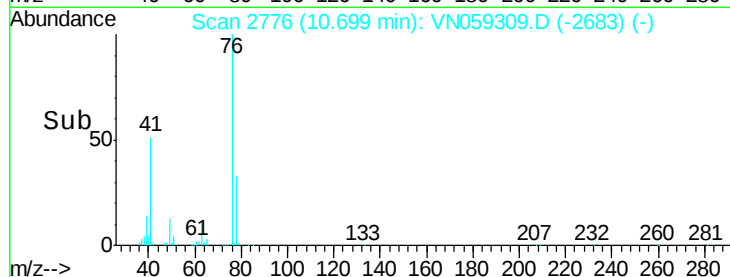
60000

40000

20000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 115.989 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059309.D

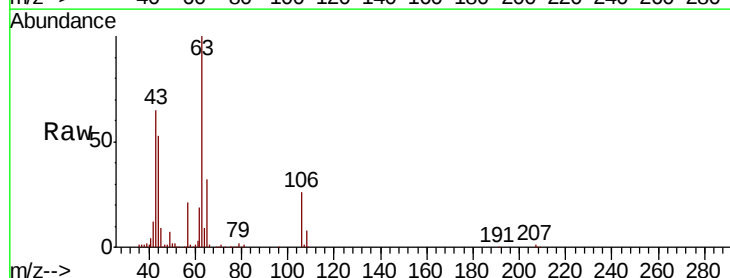
Acq: 19 Nov 2019 16:27

Tgt Ion: 63 Resp: 265337

Ion Ratio Lower Upper

63 100

106 26.0 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

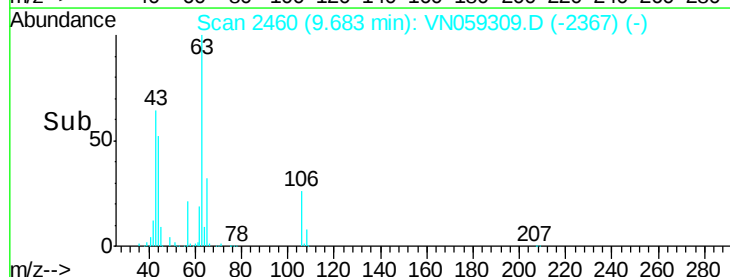
150000

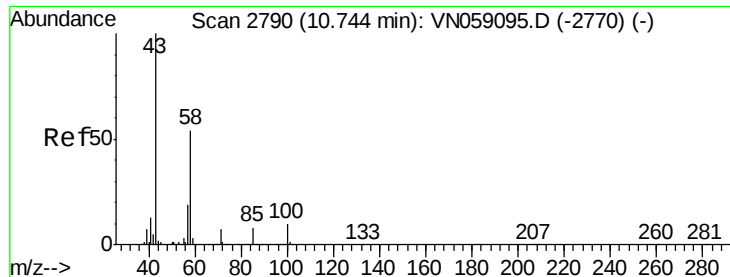
100000

50000

0

Time--> 9.60 9.65 9.70 9.75

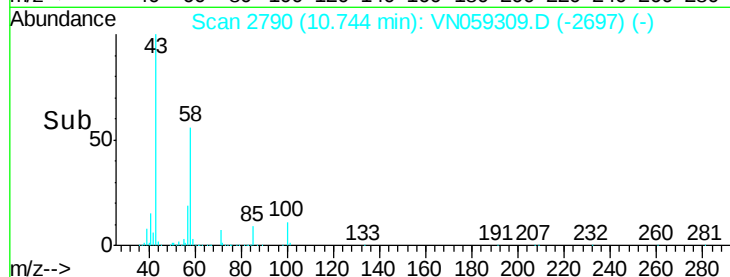
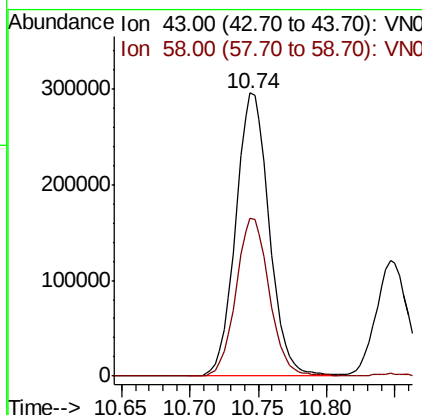
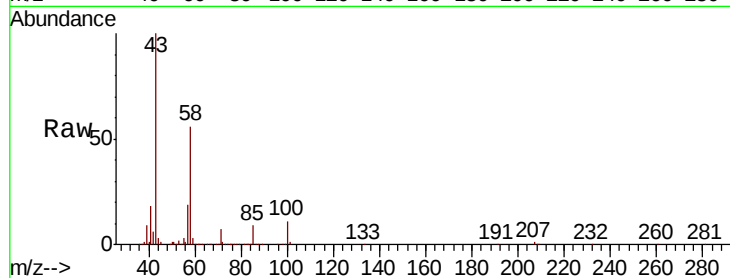




#59  
2-Hexanone  
Concen: 115.914 ug/l  
RT: 10.74 min Scan# 2790  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

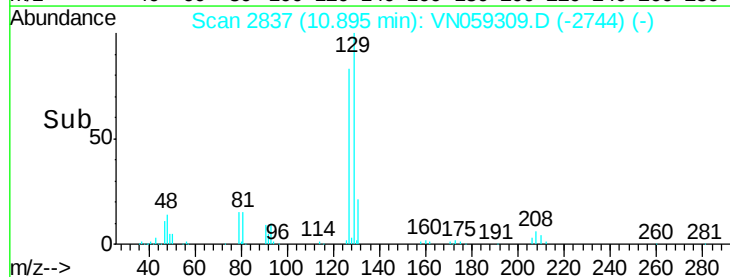
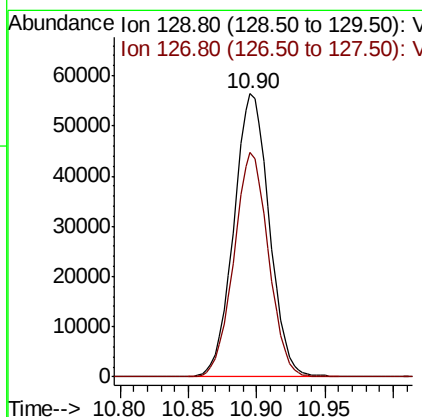
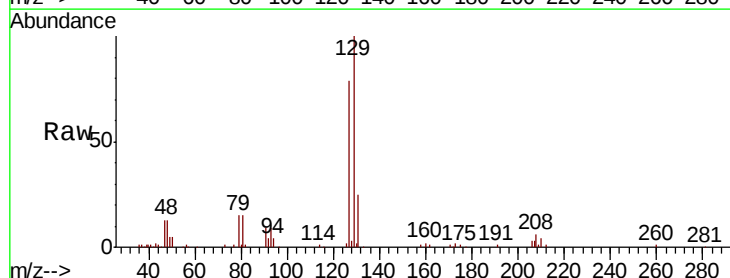
Instrument :  
MSVOA\_N  
ClientSampleId :

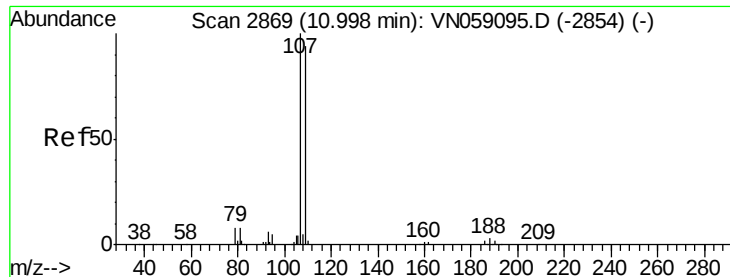
Tot Ion: 43 Resp: 502419  
Ion Ratio Lower Upper  
43 100  
58 55.6 27.3 81.8



#60  
Dibromochloromethane  
Concen: 23.432 ug/l  
RT: 10.90 min Scan# 2837  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Tgt Ion: 129 Resp: 101837  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.6 115.8

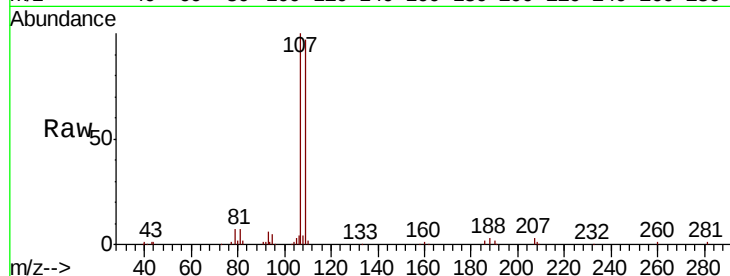




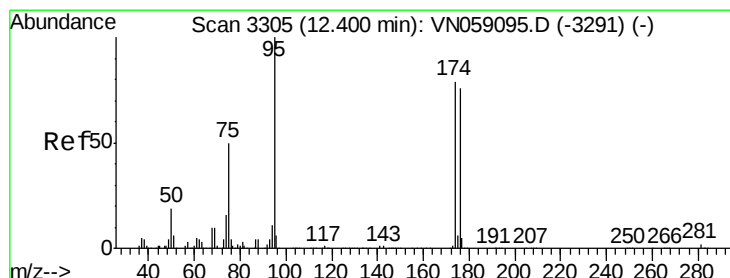
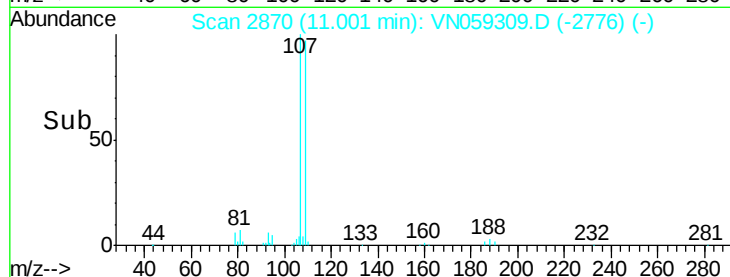
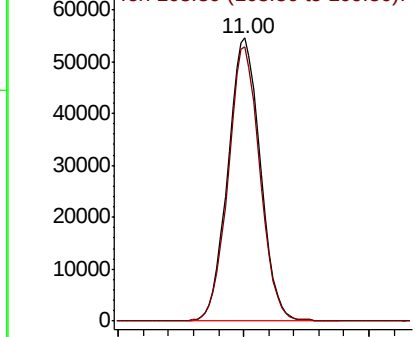
#61  
 1,2-Dibromoethane  
 Concen: 23.568 ug/l  
 RT: 11.00 min Scan# 2870  
 Delta R.T. 0.00 min  
 Lab File: VN059309.D  
 Acq: 19 Nov 2019 16:27

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion: 107 Resp: 98070  
 Ion Ratio Lower Upper  
 107 100  
 109 95.0 75.5 113.3

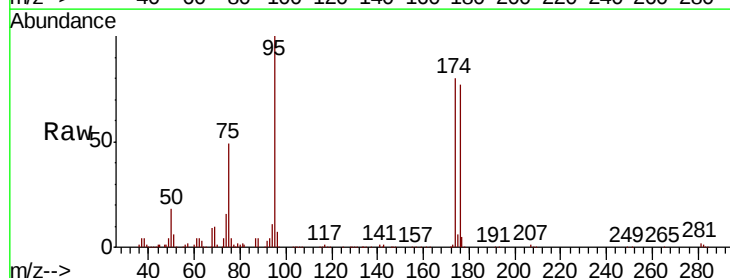


Abundance Ion 106.90 (106.60 to 107.60): V  
 Ion 108.80 (108.50 to 109.50): V

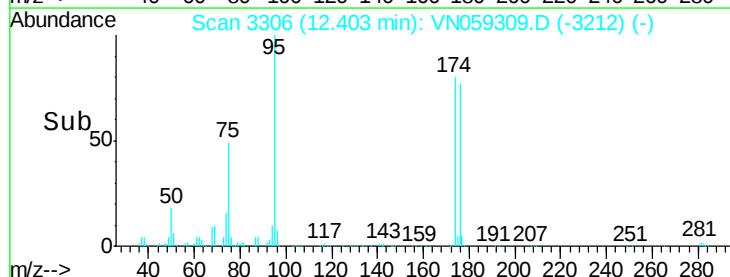
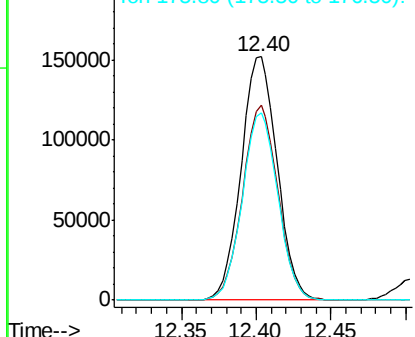


#62  
 4-Bromofluorobenzene  
 Concen: 49.963 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.00 min  
 Lab File: VN059309.D  
 Acq: 19 Nov 2019 16:27

Tgt Ion: 95 Resp: 255076  
 Ion Ratio Lower Upper  
 95 100  
 174 78.5 0.0 158.2  
 176 75.9 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): V  
 Ion 173.80 (173.50 to 174.50): V  
 Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

ClientSampled :

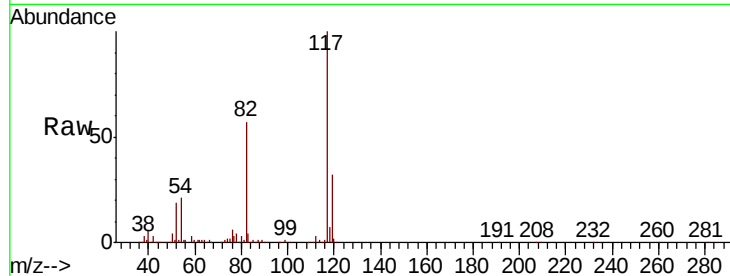
Tot Ion:117 Resp: 536098

Ion Ratio Lower Upper

117 100

82 57.1 45.8 68.8

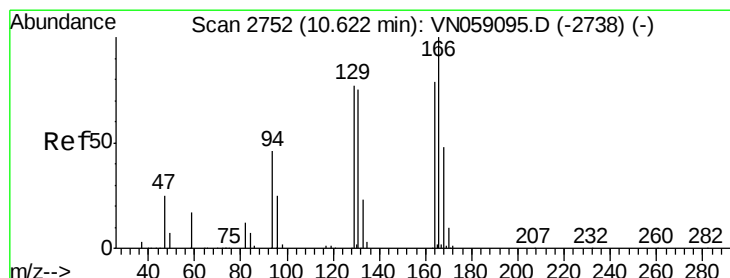
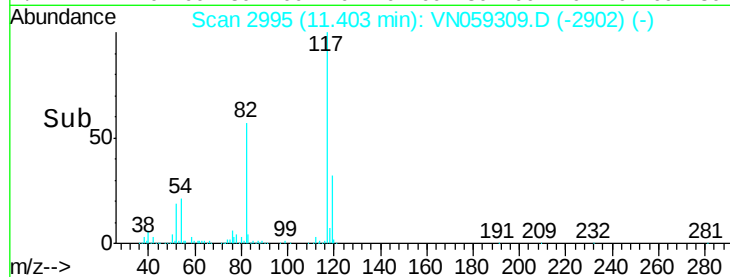
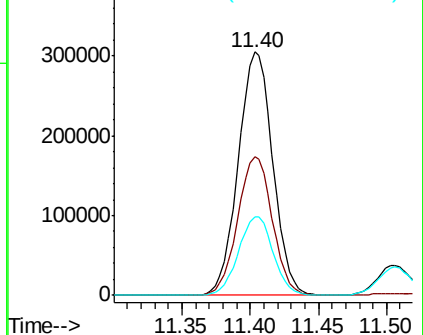
119 32.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 24.665 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Tgt Ion:164 Resp: 89912

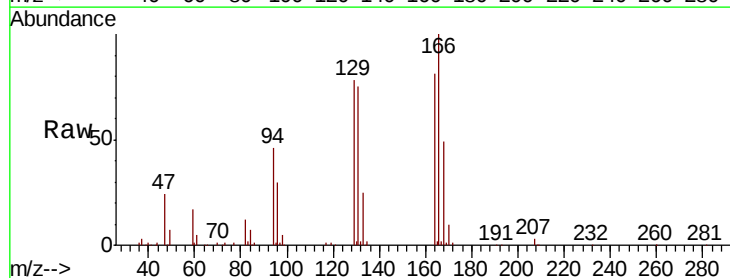
Ion Ratio Lower Upper

164 100

166 123.3 101.5 152.3

129 96.3 78.3 117.5

131 92.1 75.9 113.9

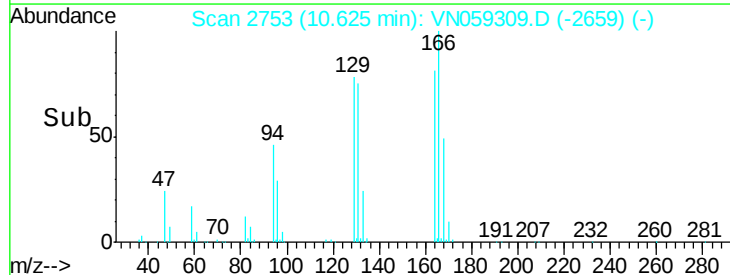
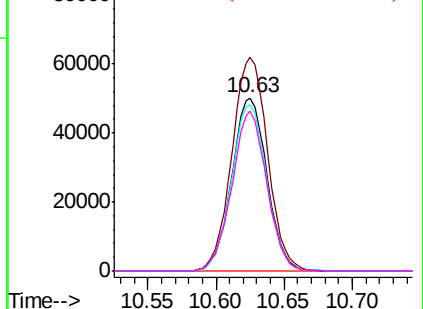


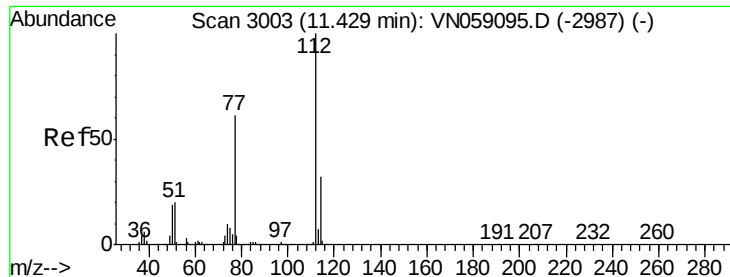
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

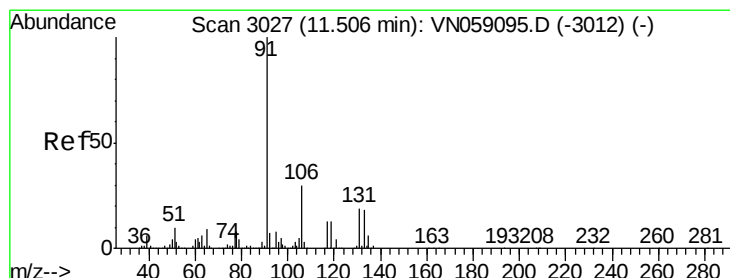
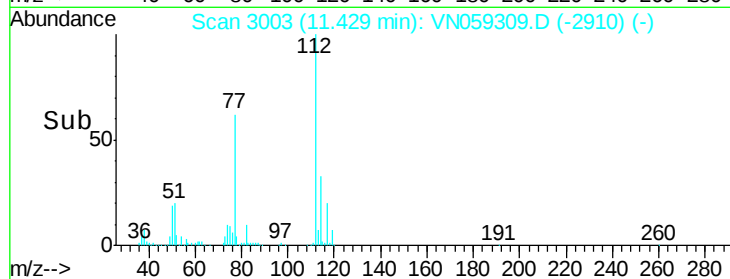
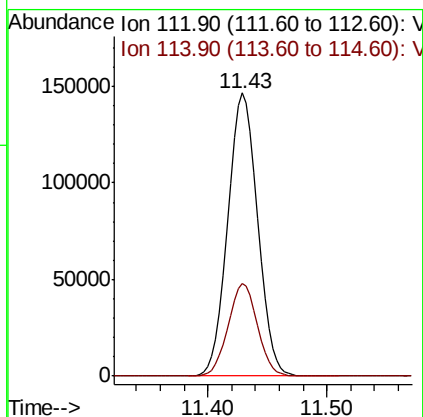
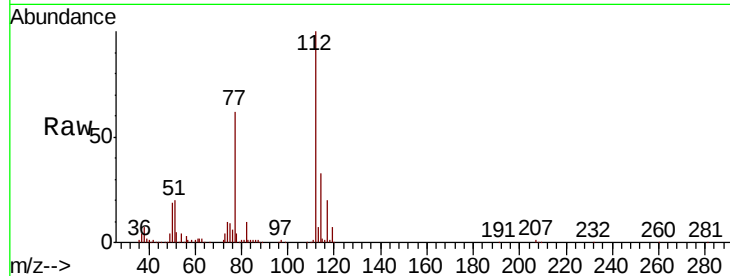




#65  
Chlorobenzene  
Concen: 24.382 ug/l  
RT: 11.43 min Scan# 3003  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

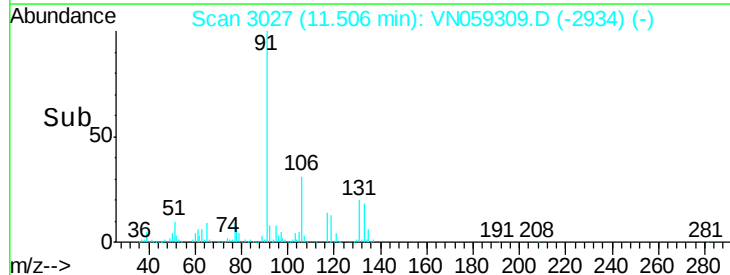
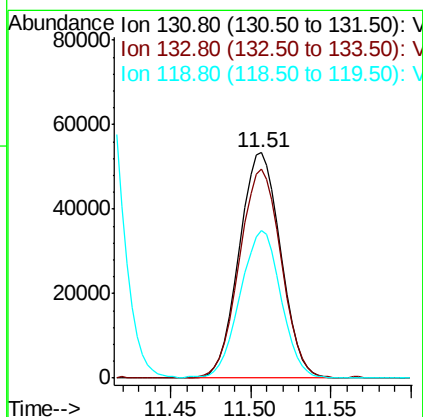
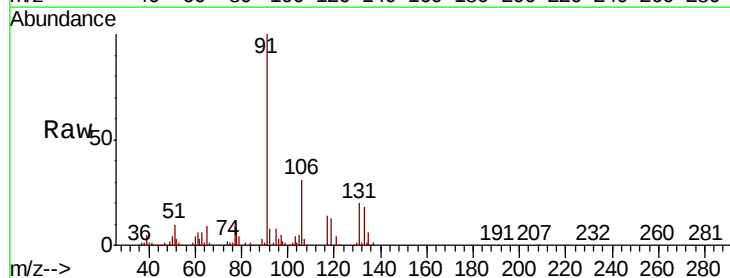
Instrument :  
MSVOA\_N  
ClientSampleId :

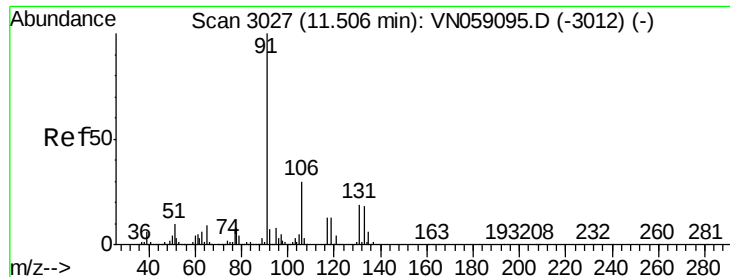
Tot Ion:112 Resp: 254810  
Ion Ratio Lower Upper  
112 100  
114 32.8 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 24.151 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Tgt Ion:131 Resp: 94680  
Ion Ratio Lower Upper  
131 100  
133 93.9 47.4 142.3  
119 64.0 33.2 99.6





#67

Ethyl Benzene

Concen: 24.868 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

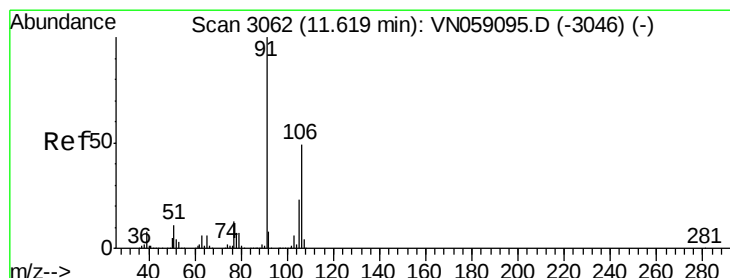
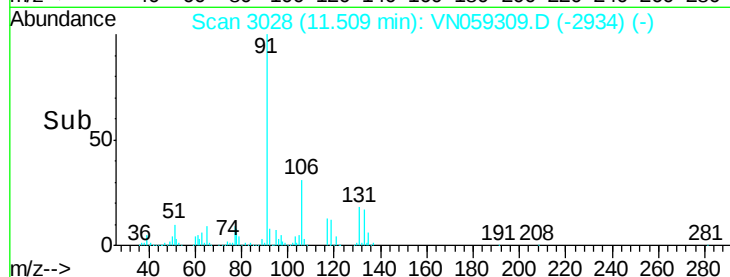
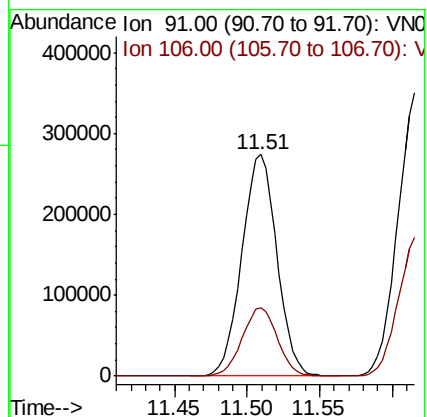
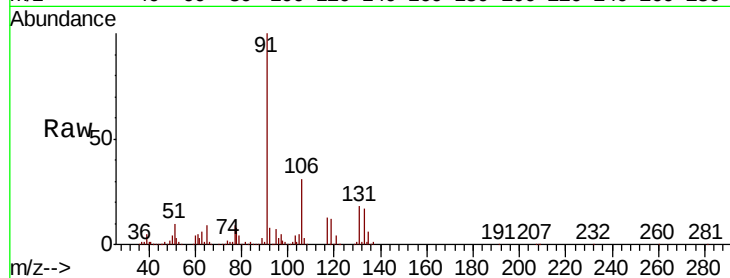
ClientSampled :

Tot Ion: 91 Resp: 461099

Ion Ratio Lower Upper

91 100

106 31.0 24.1 36.1



#68

m/p-Xylenes

Concen: 49.658 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059309.D

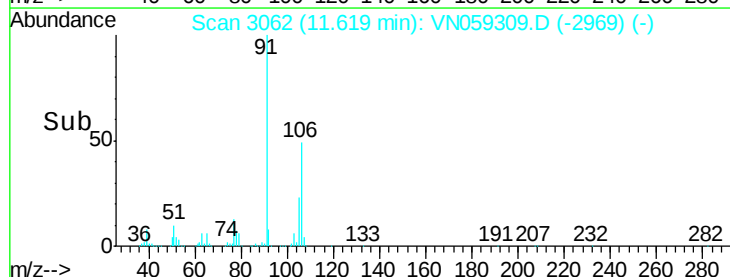
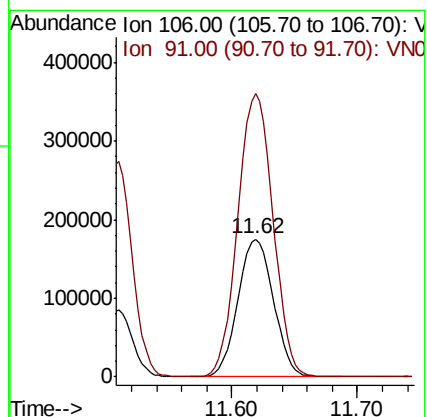
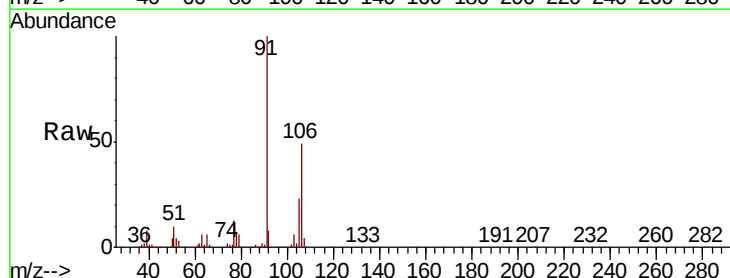
Acq: 19 Nov 2019 16:27

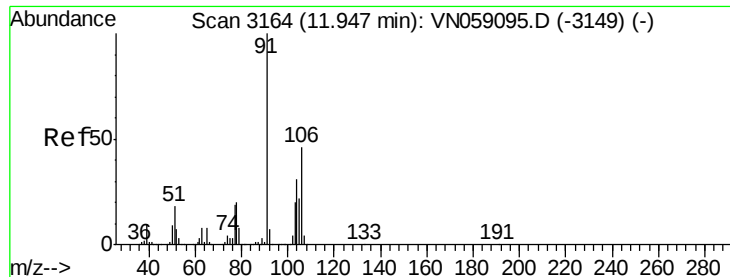
Tgt Ion: 106 Resp: 344903

Ion Ratio Lower Upper

106 100

91 204.1 164.7 247.1

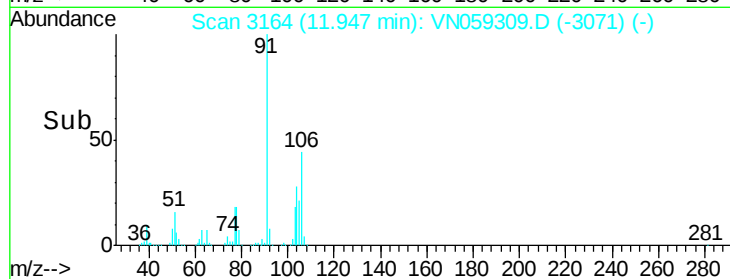
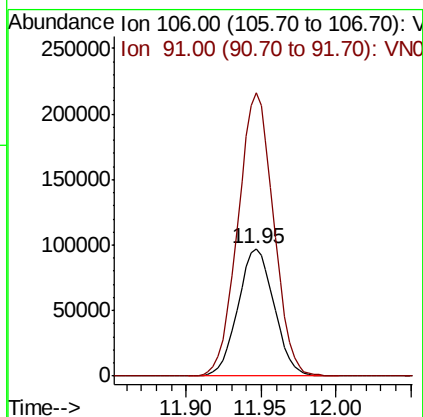
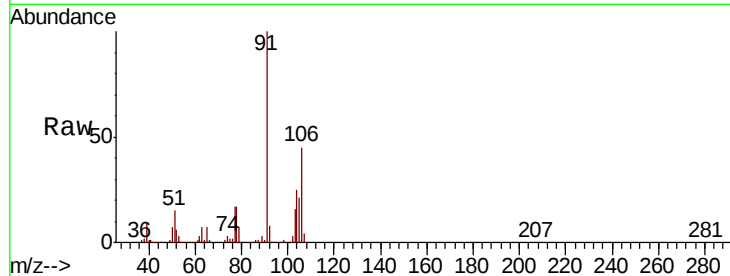




#69  
o-Xylene  
Concen: 24.363 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

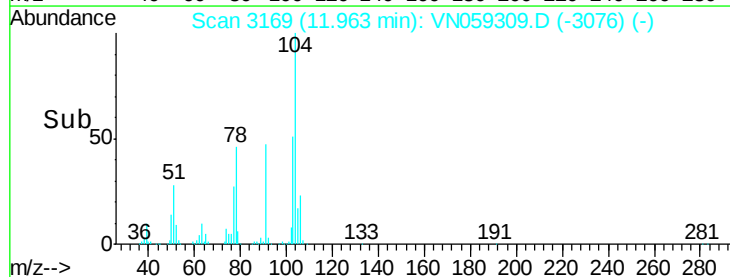
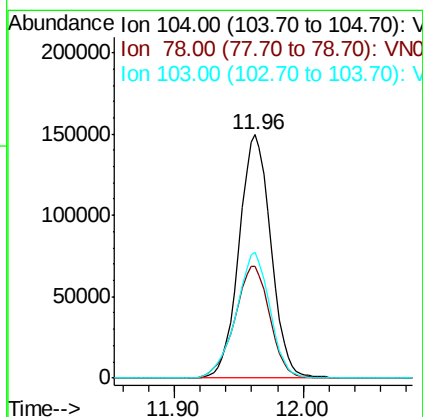
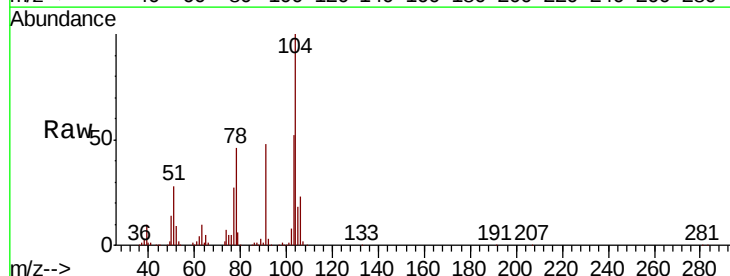
Instrument :  
MSVOA\_N  
ClientSampled :

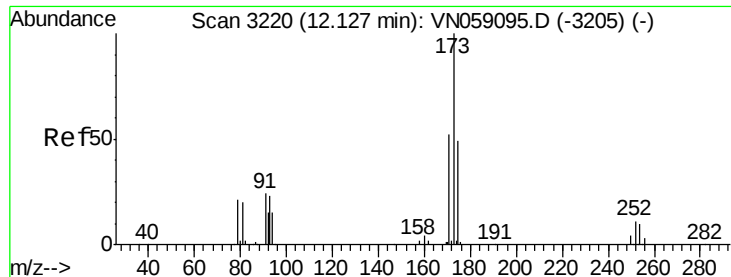
Tot Ion:106 Resp: 163529  
Ion Ratio Lower Upper  
106 100  
91 219.1 110.1 330.3



#70  
Styrene  
Concen: 24.379 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Tgt Ion:104 Resp: 257352  
Ion Ratio Lower Upper  
104 100  
78 50.8 41.2 61.8  
103 54.9 43.8 65.6





#71

Bromoform

Concen: 23.471 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

ClientSampled :

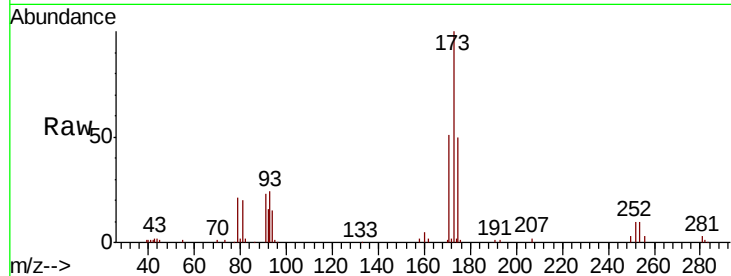
Tot Ion:173 Resp: 71570

Ion Ratio Lower Upper

173 100

175 47.8 24.2 72.6

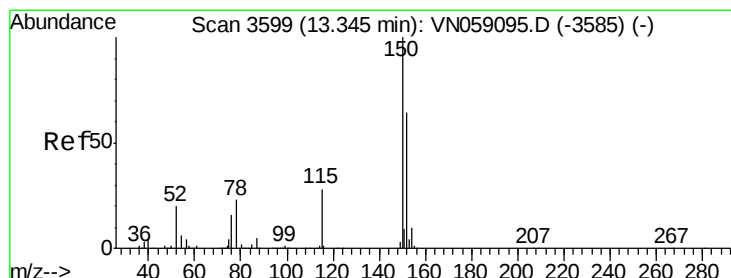
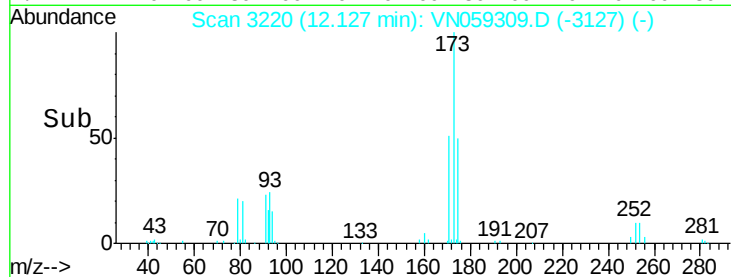
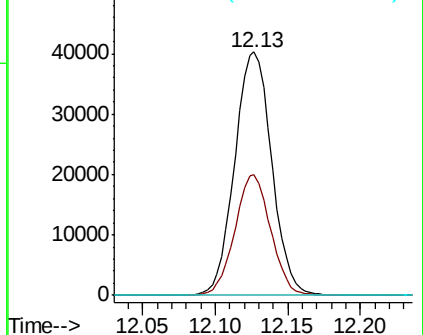
254 0.0 0.1 0.1#



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# 3599

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

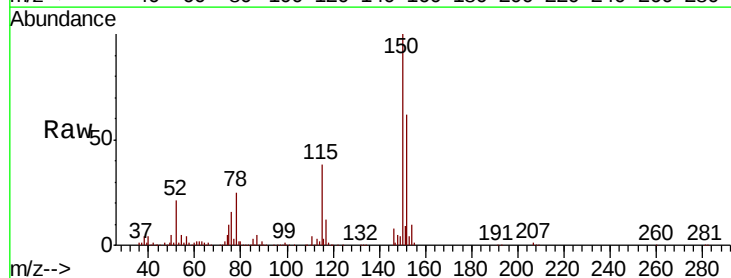
Tgt Ion:152 Resp: 249087

Ion Ratio Lower Upper

152 100

115 58.8 29.4 88.2

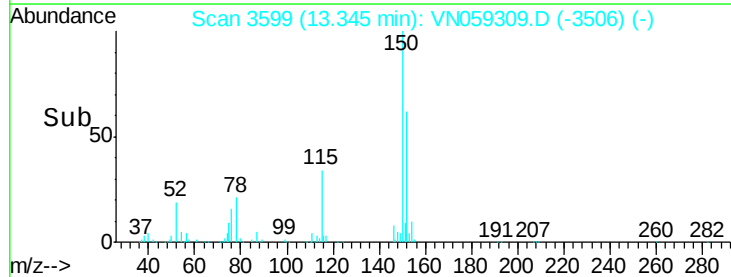
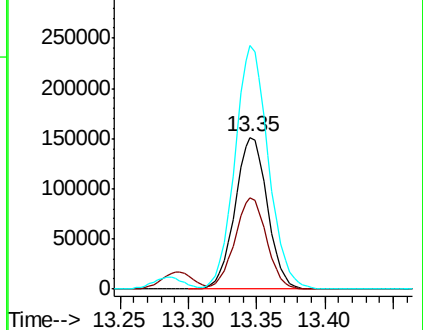
150 166.0 0.0 345.8

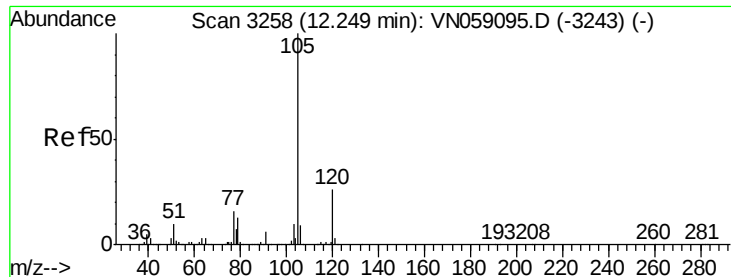


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 24.299 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

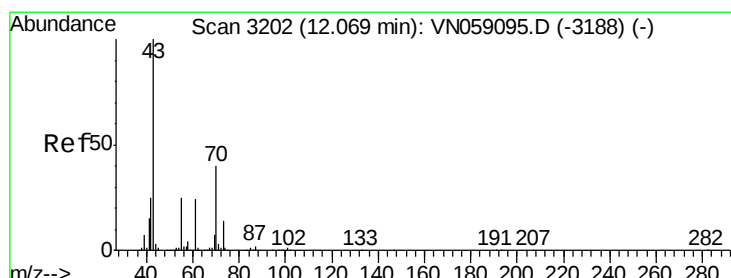
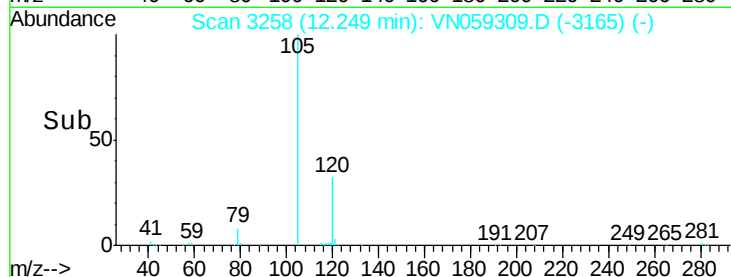
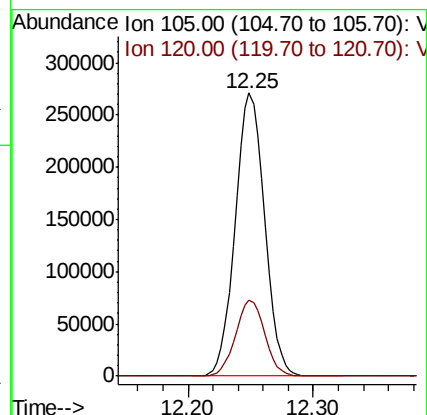
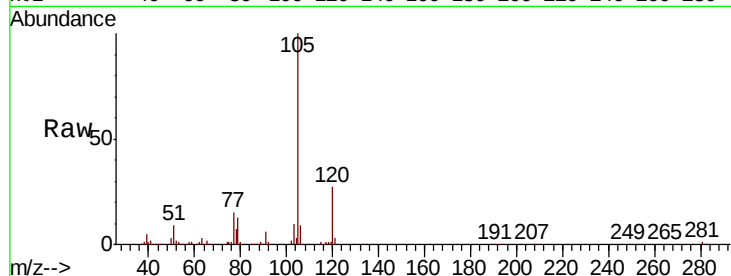
ClientSampled :

Tot Ion:105 Resp: 440267

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



#74

N-ethyl acetate

Concen: 22.647 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Tgt Ion: 43 Resp: 173871

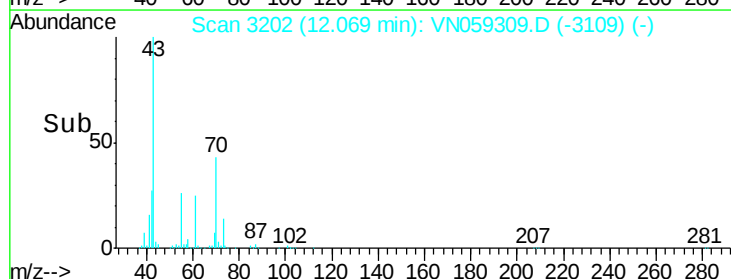
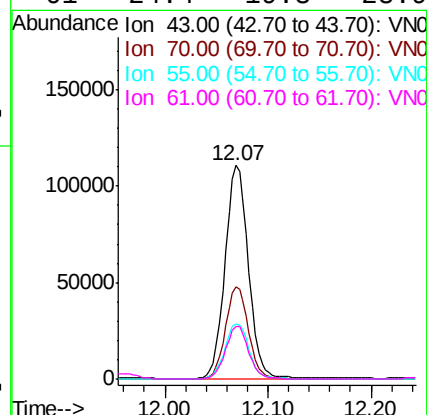
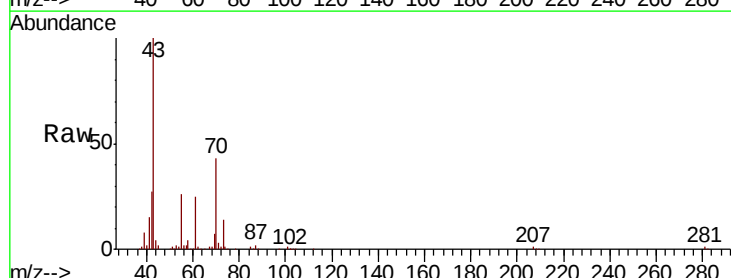
Ion Ratio Lower Upper

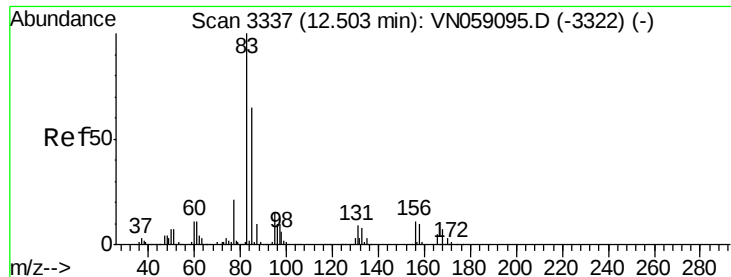
43 100

70 42.7 32.2 48.4

55 27.2 20.4 30.6

61 24.4 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 23.332 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

ClientSampleId :

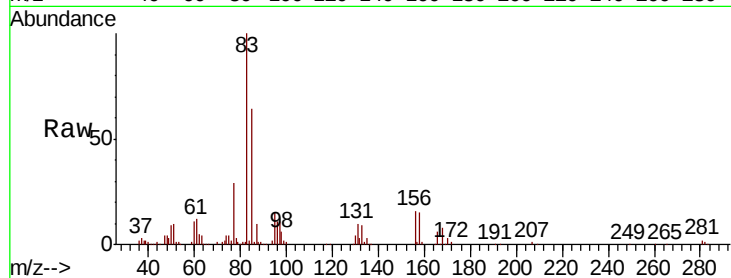
Tot Ion: 83 Resp: 143966

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.6

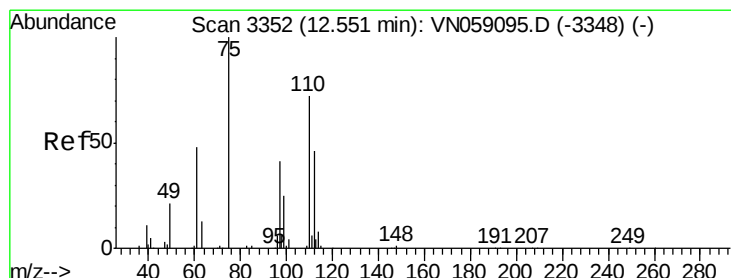
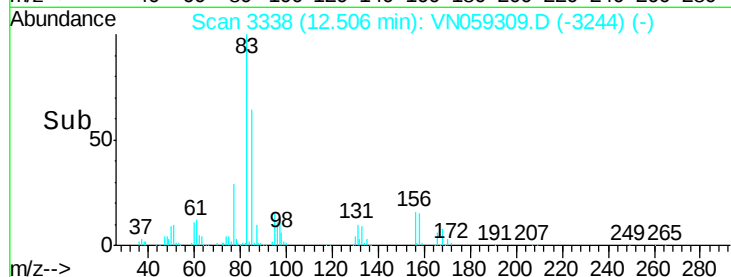
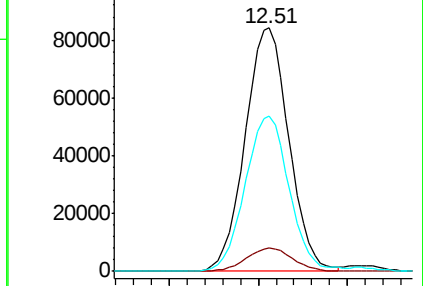
85 64.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN059309.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN059309.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN059309.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 33.621 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059309.D

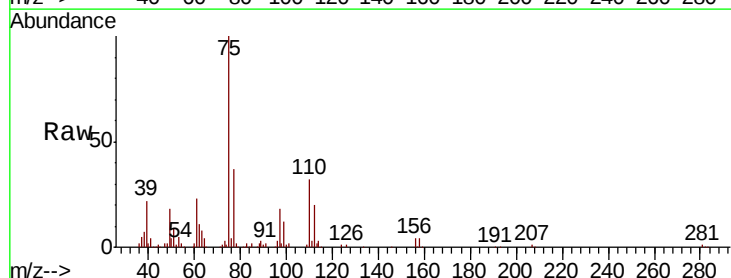
Acq: 19 Nov 2019 16:27

Tgt Ion: 75 Resp: 190663

Ion Ratio Lower Upper

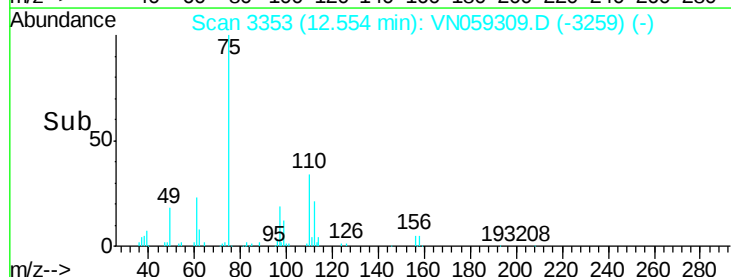
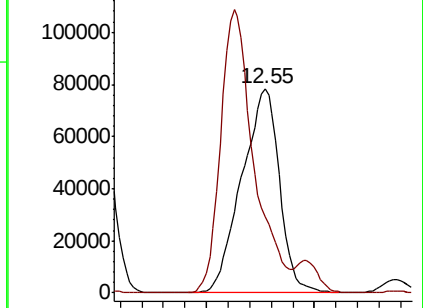
75 100

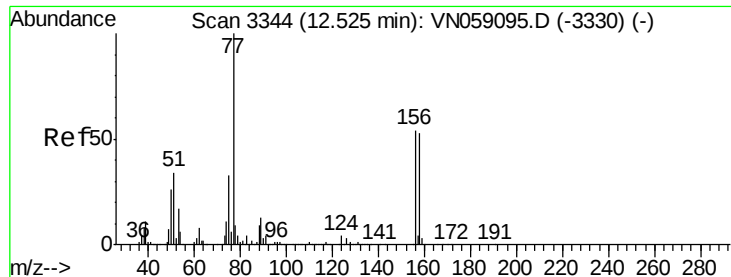
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059309.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN059309.D (-3259) (-)





#77

Bromobenzene

Concen: 23.167 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

ClientSampleId :

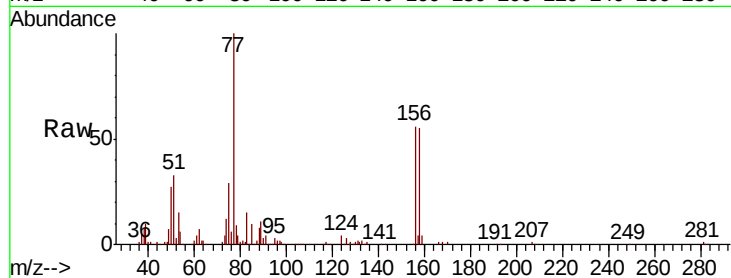
Tot Ion:156 Resp: 105461

Ion Ratio Lower Upper

156 100

77 221.0 112.8 338.3

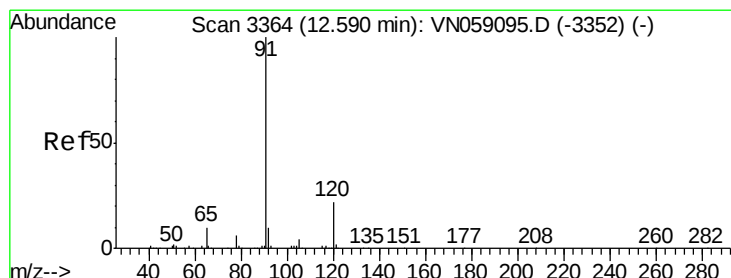
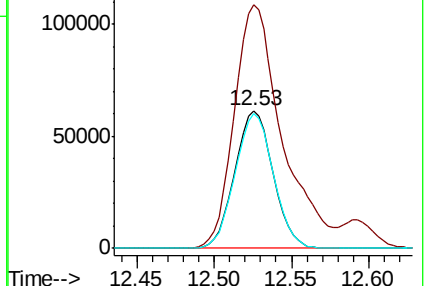
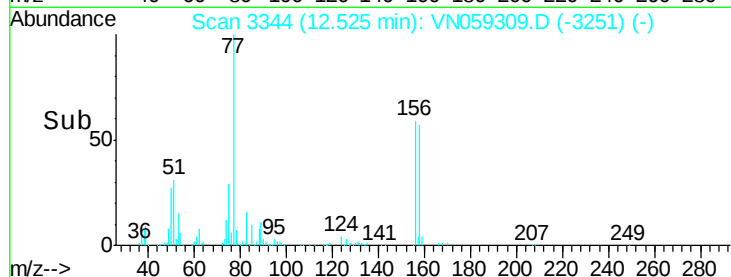
158 98.2 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 24.373 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059309.D

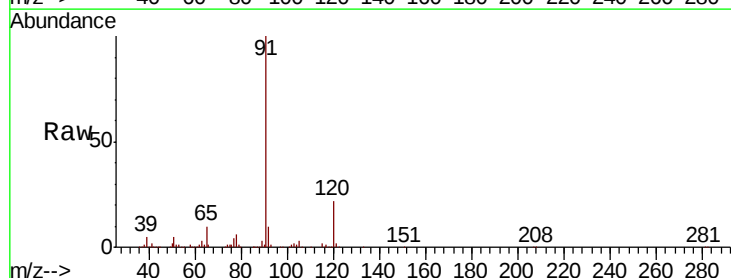
Acq: 19 Nov 2019 16:27

Tgt Ion: 91 Resp: 505632

Ion Ratio Lower Upper

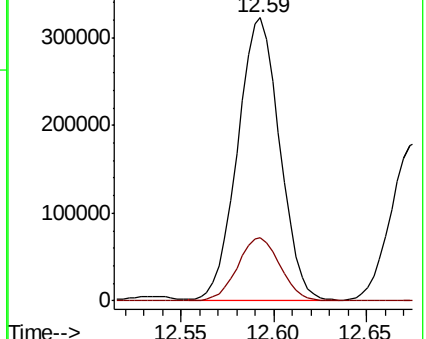
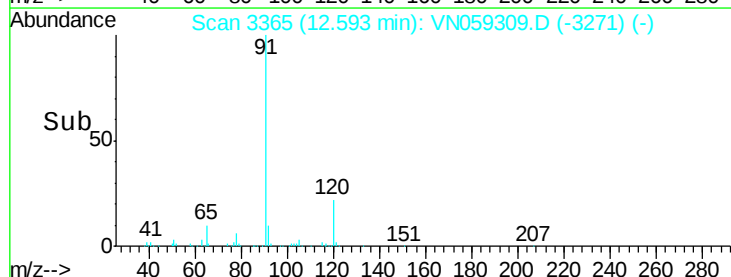
91 100

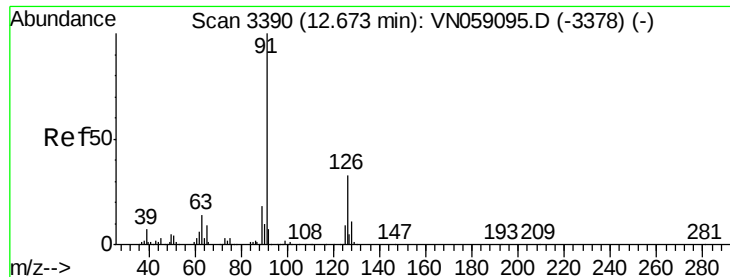
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

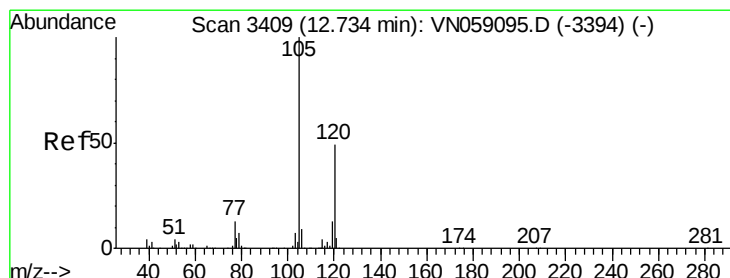
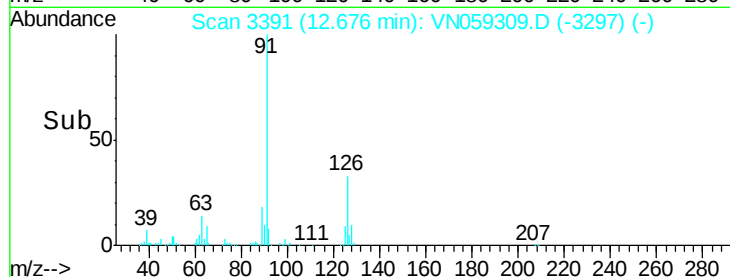
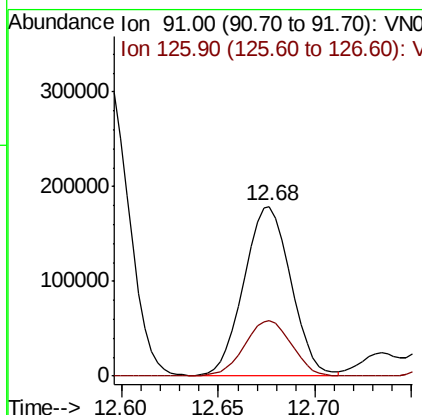
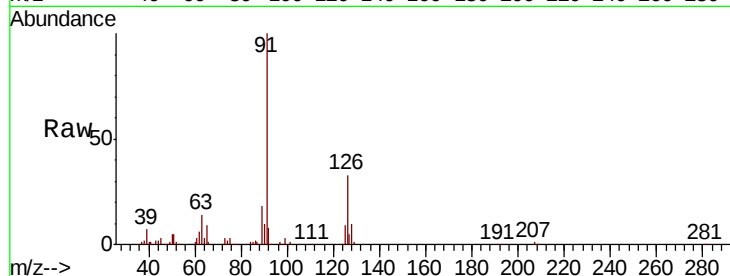




#79  
 2-Chlorotoluene  
 Concen: 23.382 ug/l  
 RT: 12.68 min Scan# 3391  
 Delta R.T. 0.00 min  
 Lab File: VN059309.D  
 Acq: 19 Nov 2019 16:27

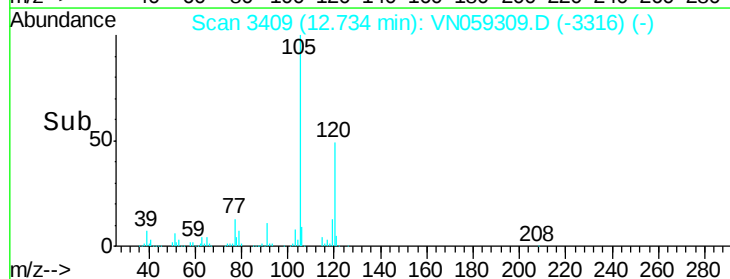
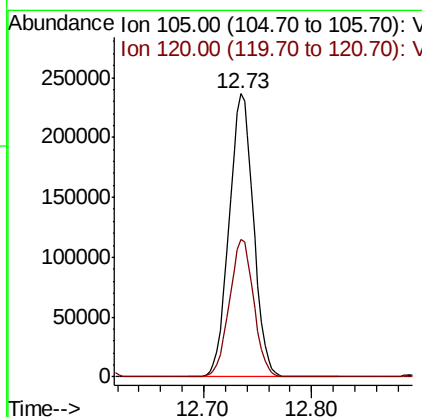
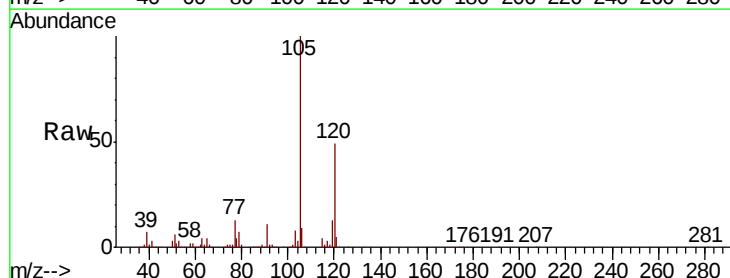
Instrument :  
 MSVOA\_N  
 ClientSampleId :

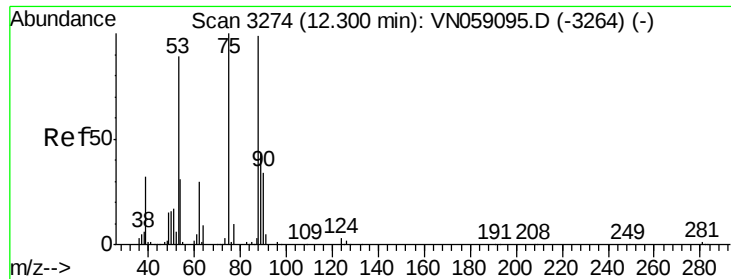
Tot Ion: 91 Resp: 300922  
 Ion Ratio Lower Upper  
 91 100  
 126 33.2 16.7 50.1



#80  
 1,3,5-Trimethylbenzene  
 Concen: 24.244 ug/l  
 RT: 12.73 min Scan# 3409  
 Delta R.T. -0.00 min  
 Lab File: VN059309.D  
 Acq: 19 Nov 2019 16:27

Tgt Ion: 105 Resp: 372217  
 Ion Ratio Lower Upper  
 105 100  
 120 48.5 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 22.635 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

ClientSampled :

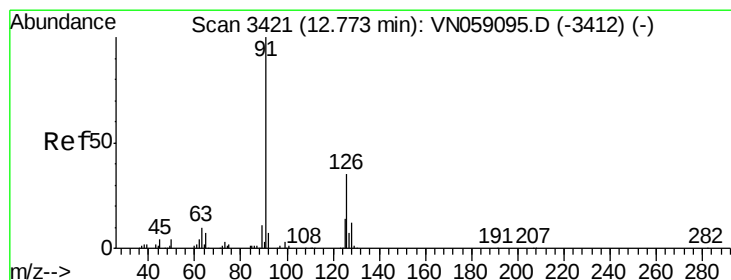
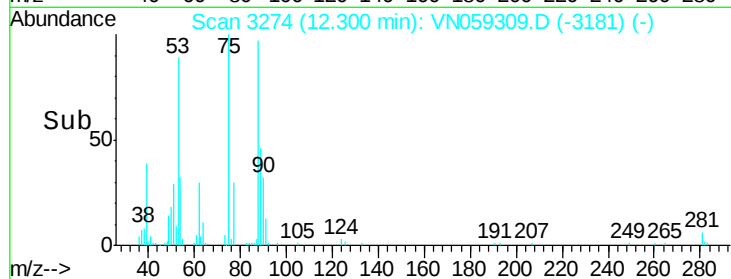
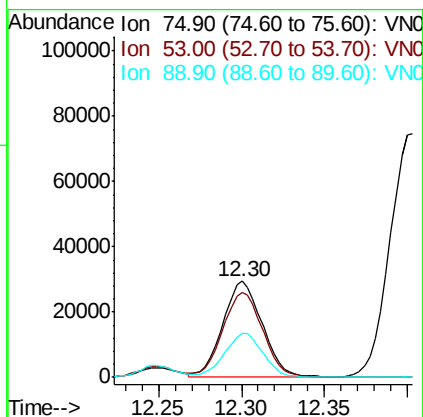
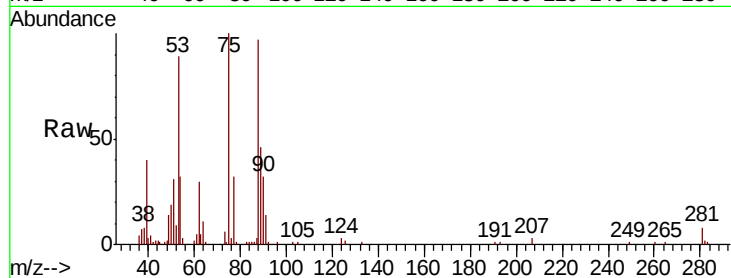
Tot Ion: 75 Resp: 48597

Ion Ratio Lower Upper

75 100

53 90.1 72.2 108.2

89 44.7 35.8 53.8



#82

4-Chlorotoluene

Concen: 23.544 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059309.D

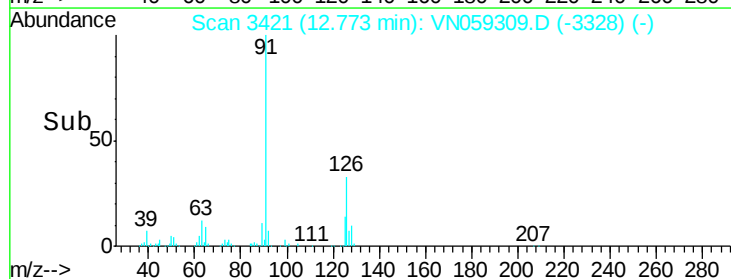
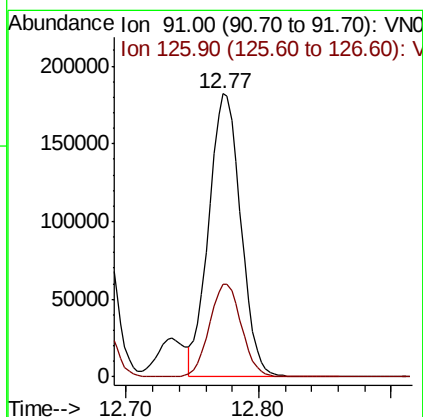
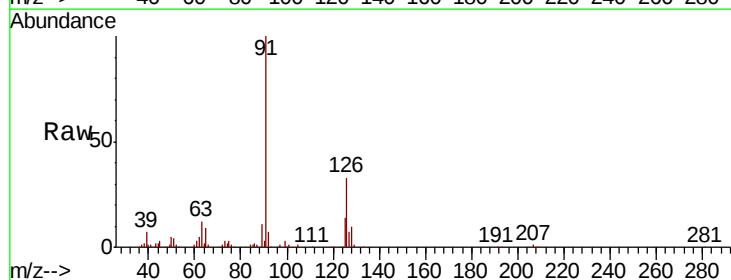
Acq: 19 Nov 2019 16:27

Tgt Ion: 91 Resp: 303908

Ion Ratio Lower Upper

91 100

126 33.0 16.1 48.2





#83

tert-Butylbenzene

Concen: 23.769 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

ClientSampled :

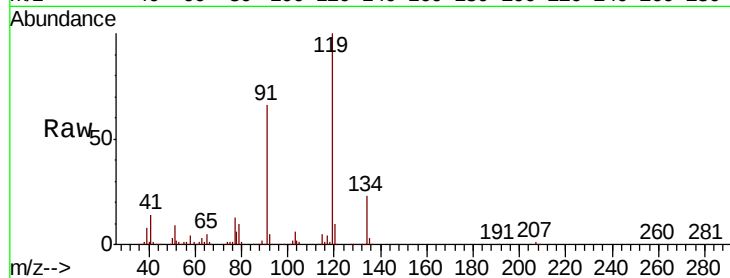
Tot Ion:119 Resp: 315136

Ion Ratio Lower Upper

119 100

91 65.8 33.2 99.6

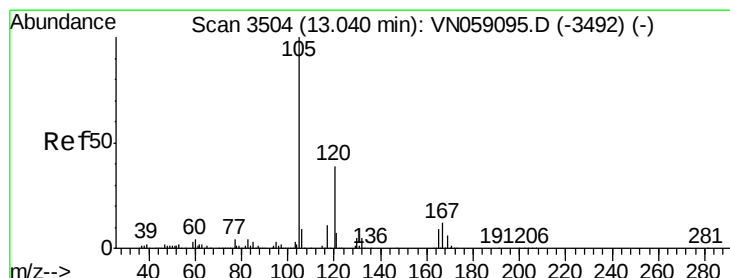
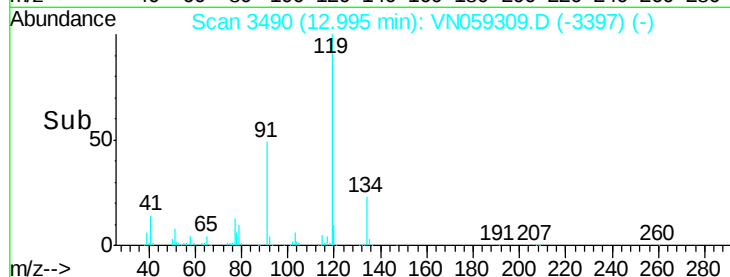
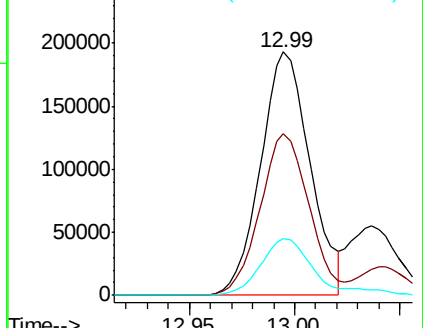
134 25.4 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 24.358 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059309.D

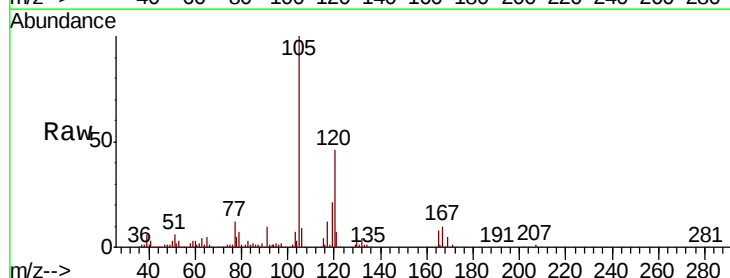
Acq: 19 Nov 2019 16:27

Tgt Ion:105 Resp: 361814

Ion Ratio Lower Upper

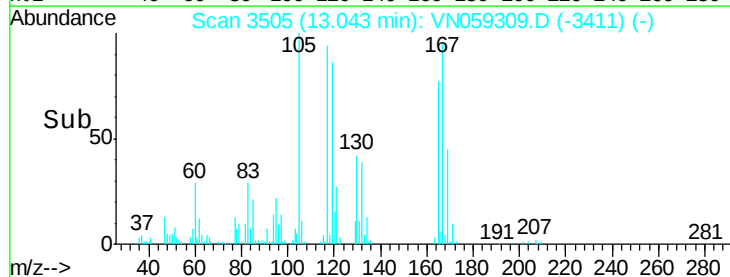
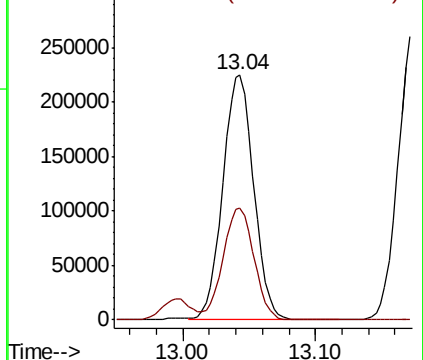
105 100

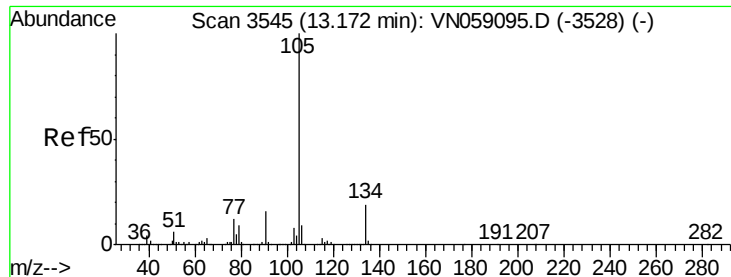
120 46.0 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 24.319 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

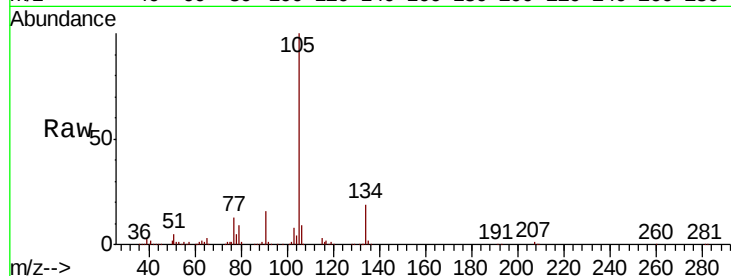
ClientSampled :

Tot Ion:105 Resp: 419335

Ion Ratio Lower Upper

105 100

134 19.5 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

250000

200000

150000

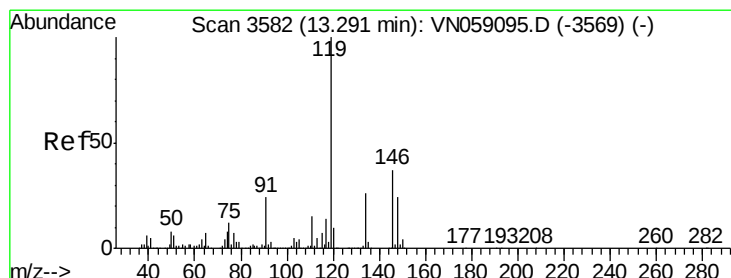
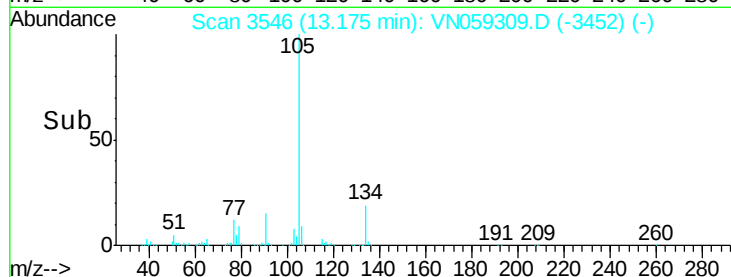
100000

50000

0

Time-->

13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 24.737 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

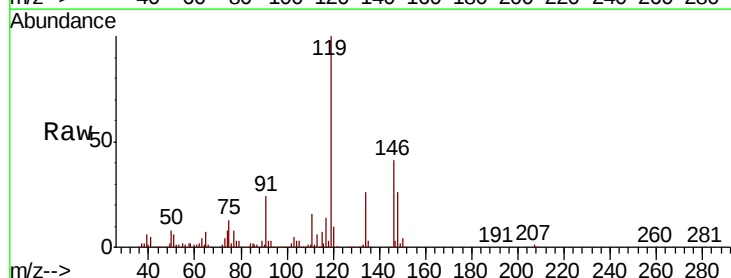
Tgt Ion:119 Resp: 376634

Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

91 24.1 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

250000

200000

150000

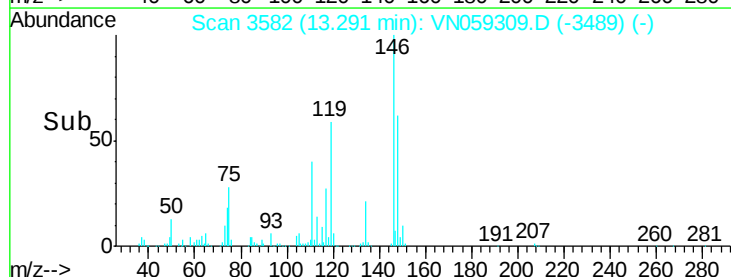
100000

50000

0

Time-->

13.20 13.25 13.30 13.35





#87

1,3-Dichlorobenzene

Concen: 23.908 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

ClientSampled :

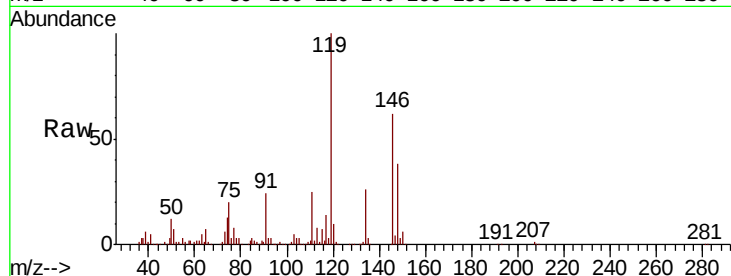
Tot Ion:146 Resp: 186369

Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.3

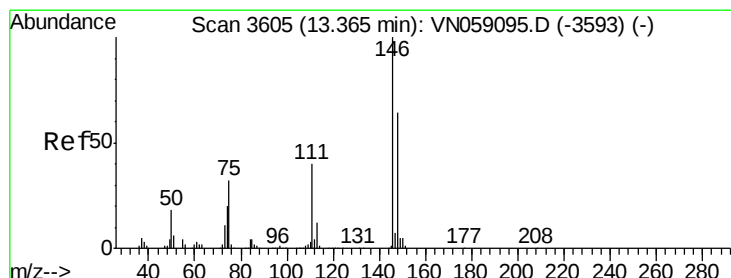
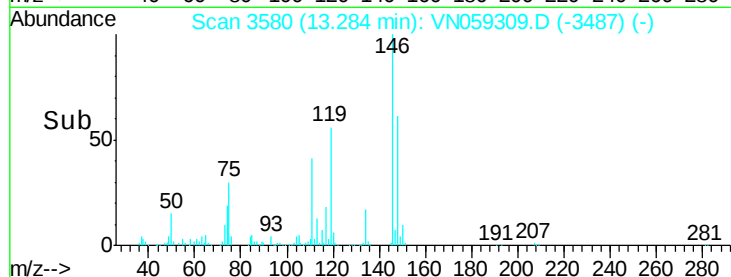
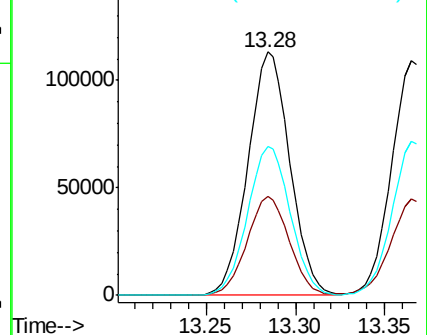
148 62.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 23.446 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

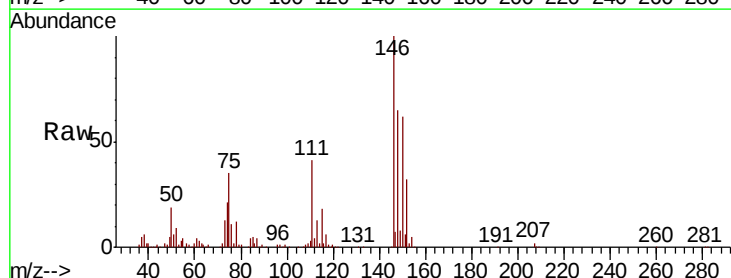
Tgt Ion:146 Resp: 182861

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.9

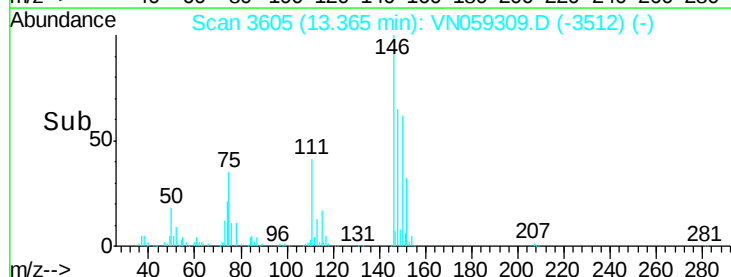
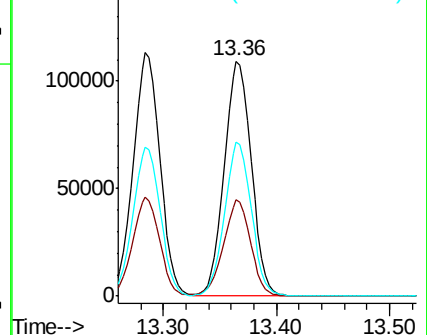
148 64.6 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 24.290 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

ClientSampled :

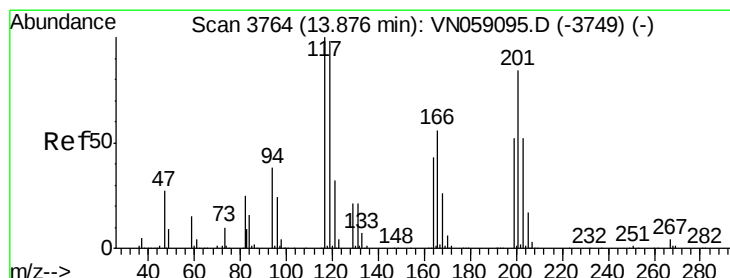
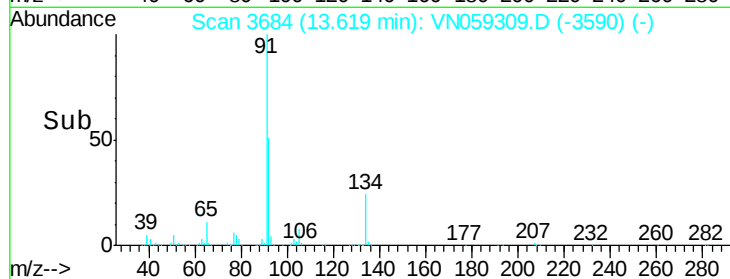
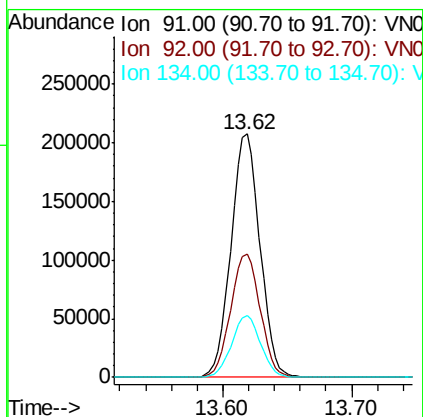
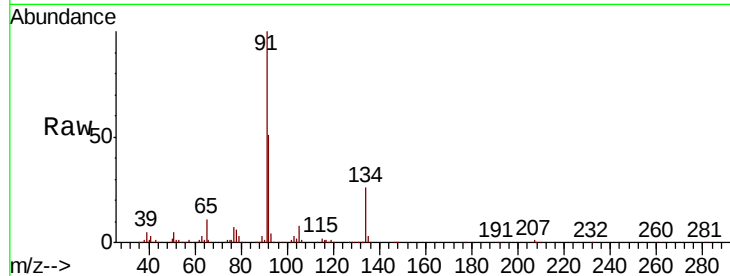
Tot Ion: 91 Resp: 323683

Ion Ratio Lower Upper

91 100

92 51.7 26.1 78.3

134 25.5 12.6 37.8



#90

Hexachloroethane

Concen: 22.285 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN059309.D

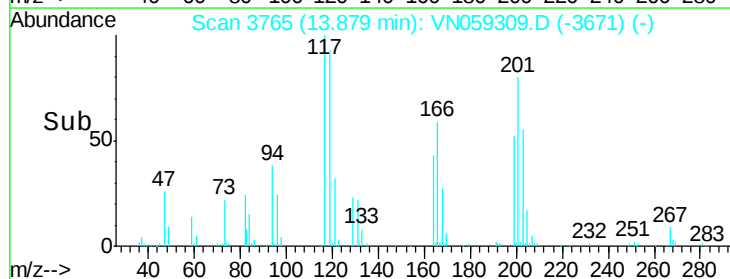
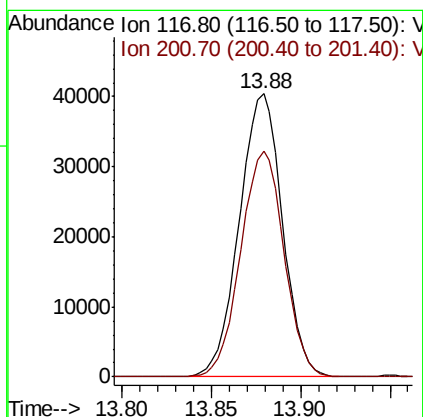
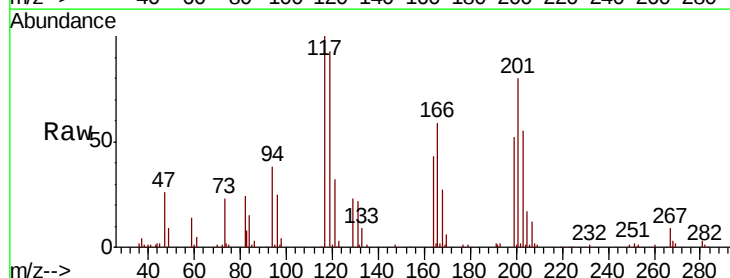
Acq: 19 Nov 2019 16:27

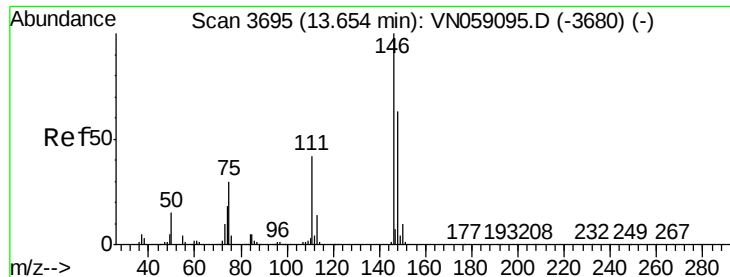
Tgt Ion: 117 Resp: 68132

Ion Ratio Lower Upper

117 100

201 80.0 41.8 125.3





#91

1,2-Dichlorobenzene

Concen: 23.781 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059309.D

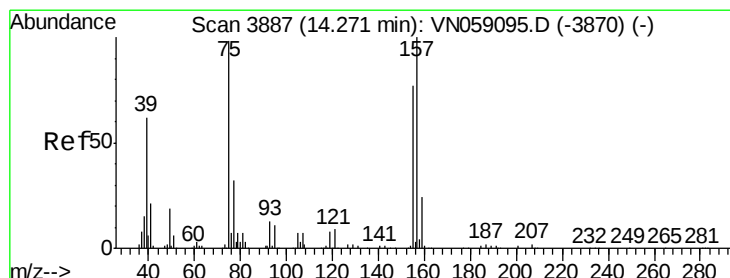
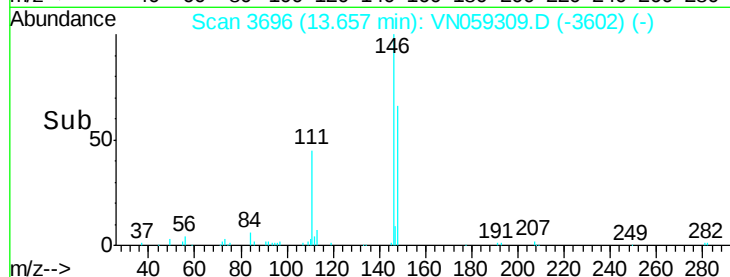
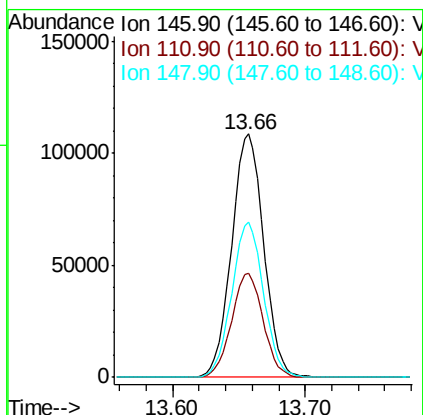
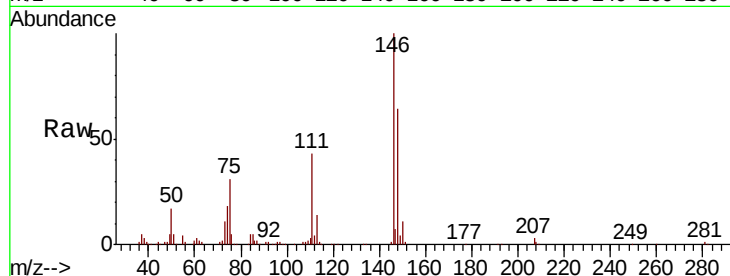
Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 146   | Resp: | 182359 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 42.1  | 21.2  | 63.6   |
| 148      | 63.3  | 31.6  | 94.7   |



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.681 ug/l

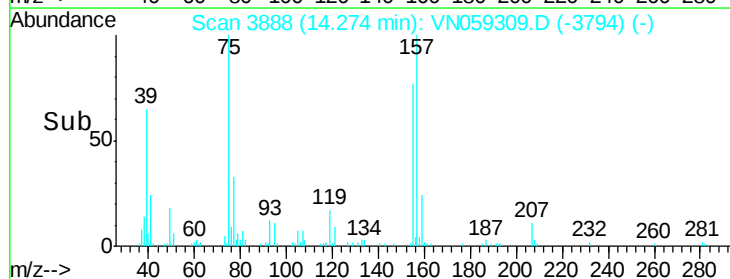
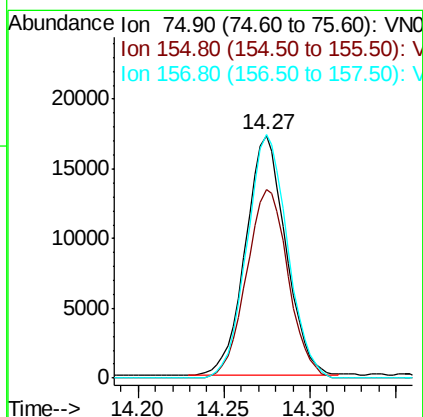
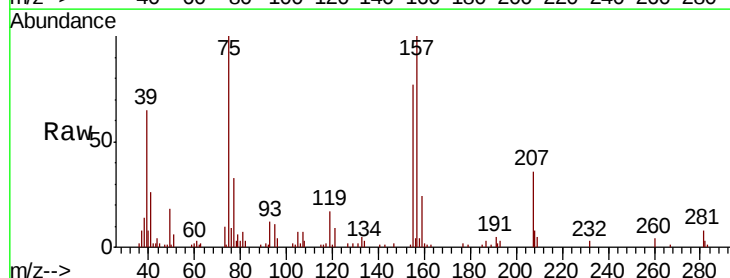
RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 27903 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 81.3  | 40.2  | 120.6 |
| 157      | 102.8 | 51.8  | 155.5 |

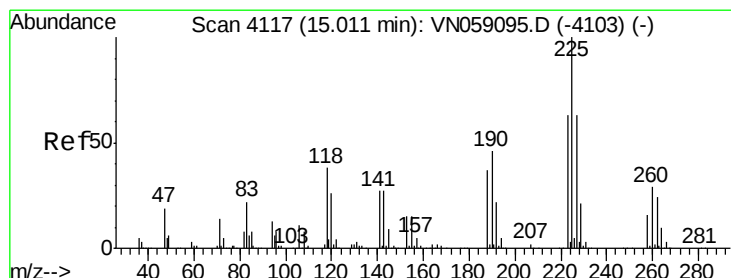
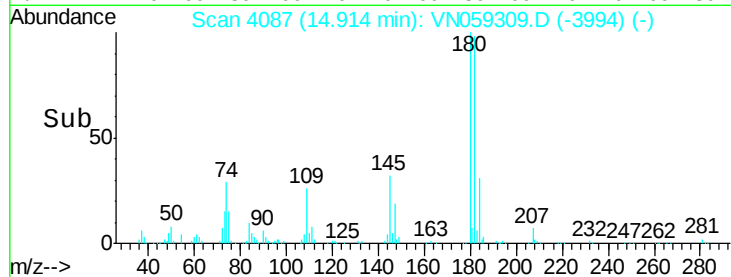
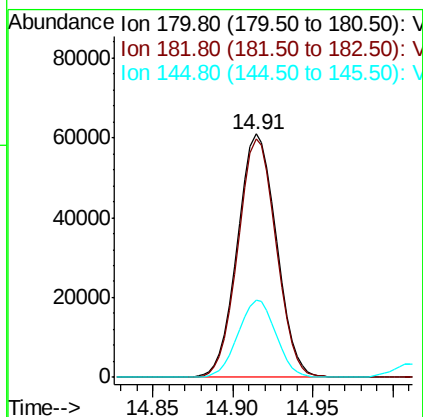
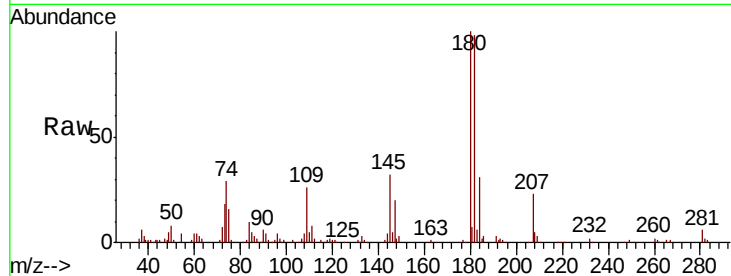




#93  
1,2,4-Trichlorobenzene  
Concen: 23.490 ug/l  
RT: 14.91 min Scan# 4087  
Delta R.T. 0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

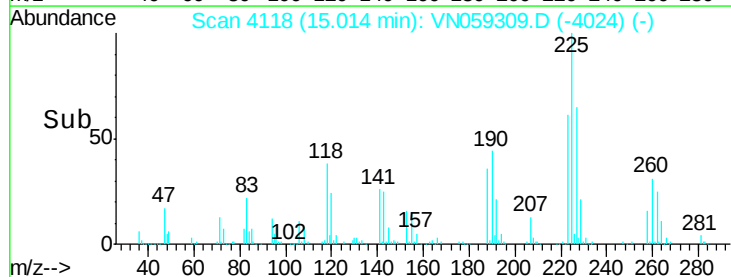
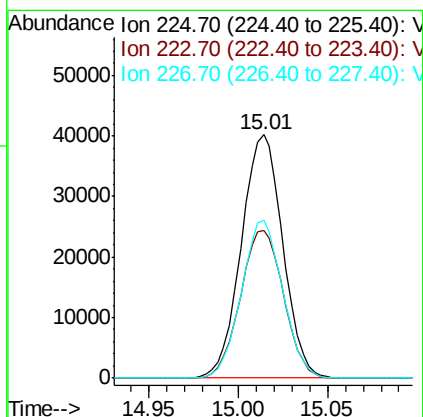
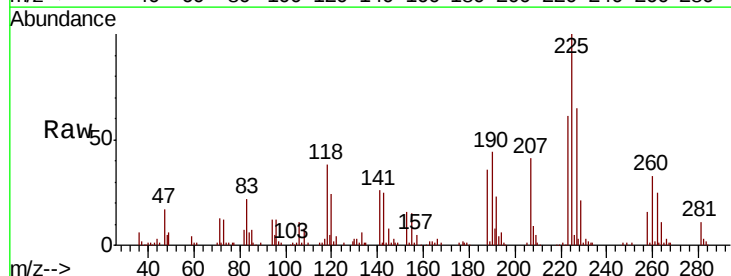
Instrument :  
MSVOA\_N  
ClientSampleId :

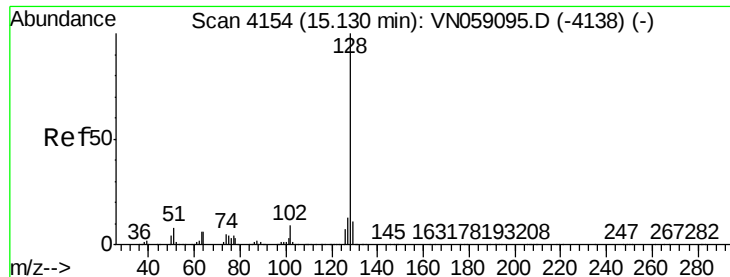
Tot Ion:180 Resp: 101283  
Ion Ratio Lower Upper  
180 100  
182 95.5 48.1 144.3  
145 30.9 15.1 45.3



#94  
Hexachlorobutadiene  
Concen: 24.770 ug/l  
RT: 15.01 min Scan# 4118  
Delta R.T. 0.00 min  
Lab File: VN059309.D  
Acq: 19 Nov 2019 16:27

Tgt Ion:225 Resp: 65491  
Ion Ratio Lower Upper  
225 100  
223 62.9 31.3 93.9  
227 64.5 31.5 94.5





#95

Naphthalene

Concen: 22.858 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

Instrument :

MSVOA\_N

ClientSampleId :

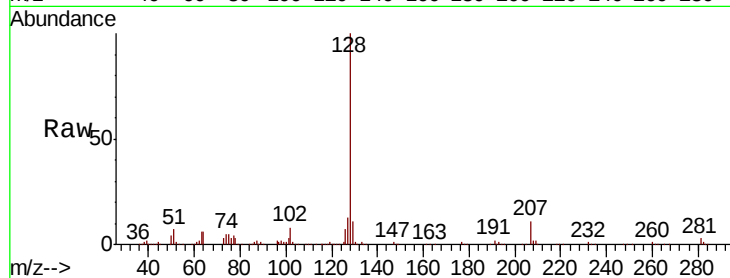
Tot Ion:128 Resp: 272320

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

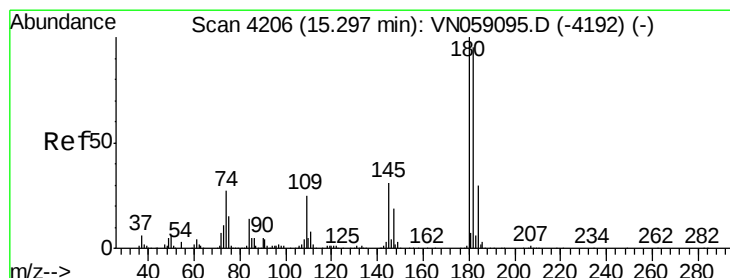
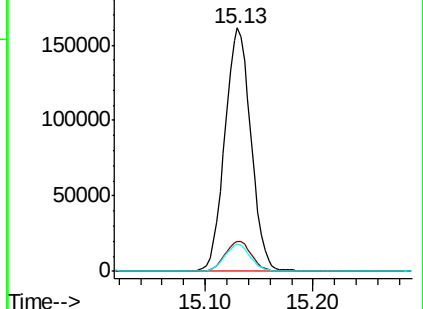
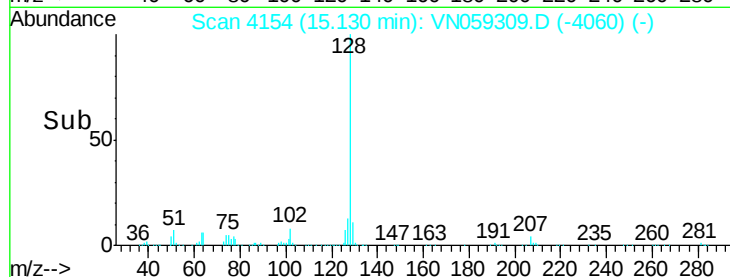
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 23.820 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. -0.00 min

Lab File: VN059309.D

Acq: 19 Nov 2019 16:27

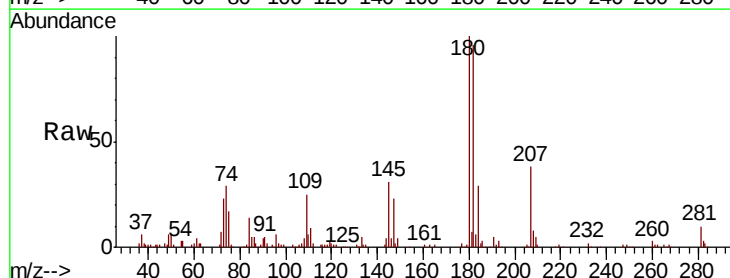
Tgt Ion:180 Resp: 102366

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 32.1 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

