

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN112519\  
 Data File : VN059385.D  
 Acq On : 25 Nov 2019 16:10  
 Operator : JC/SP  
 Sample : VN1125WBS02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1125WBS02

Quant Time: Nov 25 17:15:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112019W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 21 08:44:45 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 349948   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 543998   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 486543   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 220985   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 8.01   | 65  | 185448   | 44.17 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 88.34% |      |
| 35) Dibromofluoromethane    | 7.57   | 113 | 148554   | 45.52 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 91.04% |      |
| 50) Toluene-d8              | 10.08  | 98  | 594194   | 45.80 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 91.60% |      |
| 62) 4-Bromofluorobenzene    | 12.40  | 95  | 205885   | 45.38 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 90.76% |      |

| Target Compounds              |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 68414  | 15.271 | ug/l | 99     |
| 3) Chloromethane              | 2.04 | 50  | 81198  | 14.794 | ug/l | 100    |
| 4) Vinyl Chloride             | 2.17 | 62  | 87632  | 15.508 | ug/l | 100    |
| 5) Bromomethane               | 2.55 | 94  | 48510  | 15.463 | ug/l | 98     |
| 6) Chloroethane               | 2.69 | 64  | 45602  | 14.787 | ug/l | 96     |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 90500  | 14.873 | ug/l | 99     |
| 8) Diethyl Ether              | 3.39 | 74  | 38551  | 15.497 | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 58254  | 15.656 | ug/l | 98     |
| 10) Methyl Iodide             | 3.93 | 142 | 72058  | 15.582 | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.74 | 59  | 59170  | 70.385 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.71 | 96  | 57084  | 15.114 | ug/l | 97     |
| 13) Acrolein                  | 3.58 | 56  | 58239  | 75.892 | ug/l | 99     |
| 14) Allyl chloride            | 4.30 | 41  | 105971 | 15.019 | ug/l | 100    |
| 15) Acrylonitrile             | 4.95 | 53  | 170299 | 76.618 | ug/l | 98     |
| 16) Acetone                   | 3.79 | 43  | 176212 | 93.597 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.03 | 76  | 174349 | 14.828 | ug/l | 99     |
| 18) Methyl Acetate            | 4.29 | 43  | 98261  | 15.727 | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 5.01 | 73  | 187064 | 15.334 | ug/l | 99     |
| 20) Methylene Chloride        | 4.52 | 84  | 66754  | 15.721 | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 61962  | 15.479 | ug/l | 99     |
| 22) Diisopropyl ether         | 5.92 | 45  | 203528 | 15.321 | ug/l | 95     |
| 23) Vinyl Acetate             | 5.87 | 43  | 798031 | 76.391 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.82 | 63  | 117321 | 15.690 | ug/l | 99     |
| 25) 2-Butanone                | 6.81 | 43  | 228411 | 78.022 | ug/l | 96     |
| 26) 2,2-Dichloropropane       | 6.80 | 77  | 99504  | 15.368 | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96  | 70277  | 15.561 | ug/l | 98     |
| 28) Bromochloromethane        | 7.17 | 49  | 44993  | 16.428 | ug/l | 94     |
| 29) Tetrahydrofuran           | 7.18 | 42  | 152092 | 75.134 | ug/l | 100    |
| 30) Chloroform                | 7.35 | 83  | 111432 | 15.261 | ug/l | 98     |
| 31) Cyclohexane               | 7.63 | 56  | 109740 | 14.843 | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 94141  | 15.100 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.77 | 75  | 83632  | 14.892 | ug/l | 98     |
| 37) Ethyl Acetate             | 6.90 | 43  | 90685  | 15.025 | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.75 | 117 | 82969  | 15.432 | ug/l | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN112519\  
 Data File : VN059385.D  
 Acq On : 25 Nov 2019 16:10  
 Operator : JC/SP  
 Sample : VN1125WBS02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1125WBS02

Quant Time: Nov 25 17:15:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112019W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 21 08:44:45 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 101993   | 15.061  | ug/l   | 99       |
| 40) Benzene                    | 8.02  | 78   | 260781   | 15.821  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 129660   | 48.392  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 85519    | 15.688  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.14  | 43   | 140816   | 15.266  | ug/l   | 99       |
| 44) Trichloroethene            | 8.82  | 130  | 66369    | 15.888  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 69430    | 15.797  | ug/l   | 99       |
| 46) Dibromomethane             | 9.19  | 93   | 43114    | 15.992  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.39  | 83   | 82978    | 15.368  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.19  | 41   | 60780    | 14.490  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.18  | 88   | 19484    | 309.063 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 427390   | 79.160  | ug/l   | 99       |
| 52) Toluene                    | 10.15 | 92   | 156855   | 15.826  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 98062    | 15.624  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 106725   | 15.670  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 62818    | 16.302  | ug/l   | 100      |
| 56) Ethyl methacrylate         | 10.42 | 69   | 89949    | 15.408  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 108251   | 16.118  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 107879   | 63.828  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.74 | 43   | 313630   | 79.331  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 62840    | 15.475  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 62928    | 15.695  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 59567    | 15.830  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 165287   | 15.799  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 59922    | 15.767  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 291625   | 15.612  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 216573   | 31.202  | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 103670   | 15.601  | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 160680   | 15.325  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 44335    | 15.403  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 276564   | 15.277  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 103898   | 14.281  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 88873    | 14.841  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 117165   | 22.950  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 67111    | 15.284  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 318301   | 15.522  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 189420   | 15.049  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 233234   | 15.326  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 30478    | 14.932  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 194910   | 14.965  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 197374   | 15.357  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 230533   | 15.465  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 266383   | 15.421  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 235769   | 15.338  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 116342   | 14.879  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 116136   | 15.011  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 200518   | 14.870  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 42569    | 14.623  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 113579   | 15.013  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 16470    | 12.936  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN112519\  
Data File : VN059385.D  
Acq On : 25 Nov 2019 16:10  
Operator : JC/SP  
Sample : VN1125WBS02  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1125WBS02

Quant Time: Nov 25 17:15:13 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112019W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 21 08:44:45 2019  
Response via : Initial Calibration

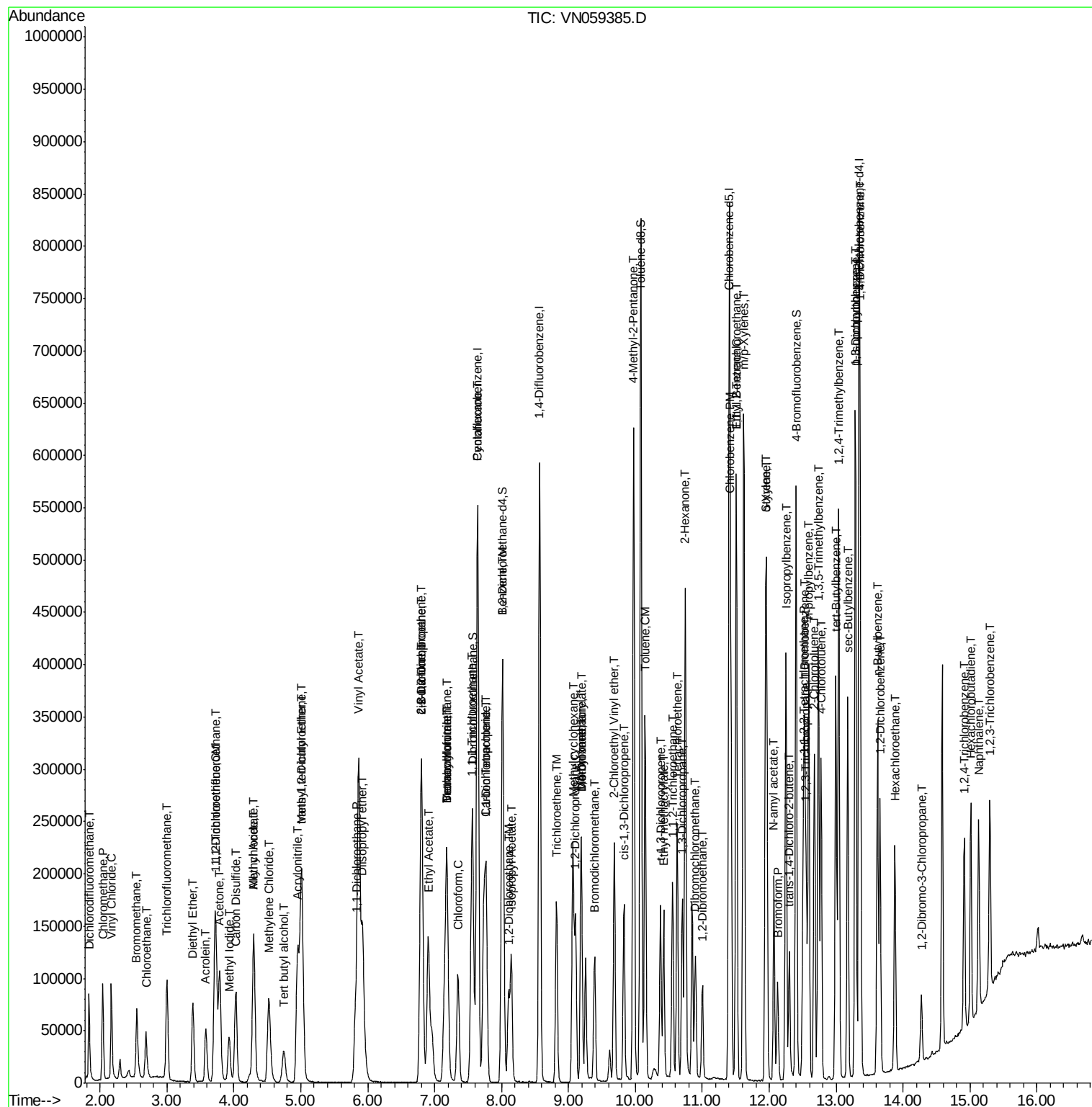
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 61184    | 15.177 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 41080    | 15.071 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 152222   | 14.111 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 61352    | 14.681 | ug/l  | 98       |

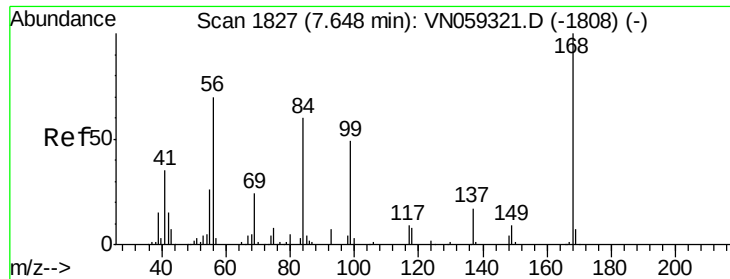
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_N\DATA\VN112519\  
Data File : VN059385.D  
Acq On : 25 Nov 2019 16:10  
Operator : JC/SP  
Sample : VN1125WBS02  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1125WBS02

Quant Time: Nov 25 17:15:13 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N112019W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 21 08:44:45 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA\_N

ClientSampleId :

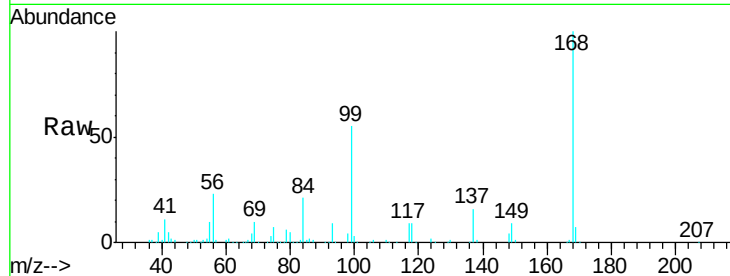
VN1125WBS02

Tgt Ion:168 Resp: 349948

Ion Ratio Lower Upper

168 100

99 54.9 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059321.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN059321.D (-1808) (-)

7.64

150000

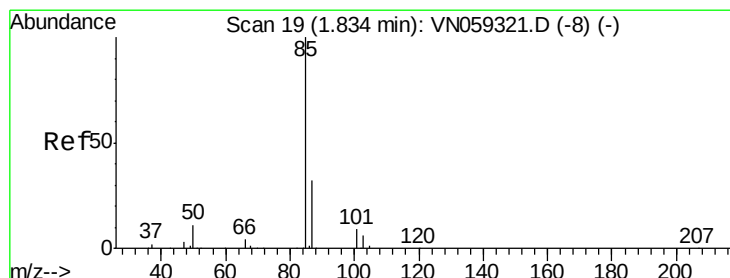
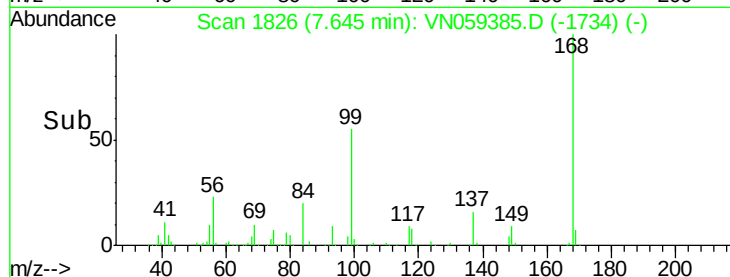
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 15.271 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059385.D

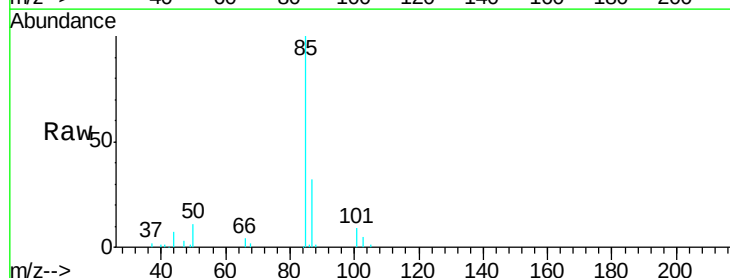
Acq: 25 Nov 2019 16:10

Tgt Ion: 85 Resp: 68414

Ion Ratio Lower Upper

85 100

87 31.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN059321.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN059321.D (-8) (-)

1.83

50000

40000

30000

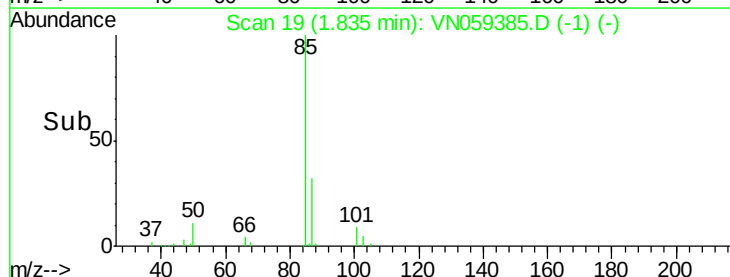
20000

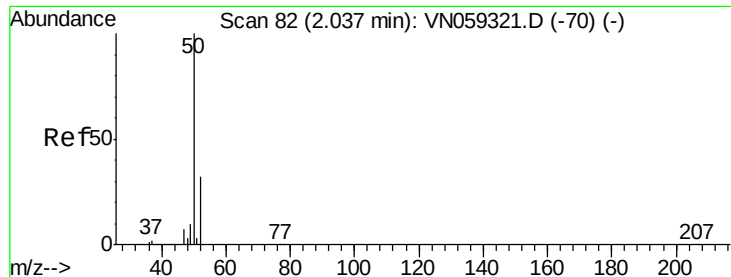
10000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 14.794 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA\_N

ClientSampleId :

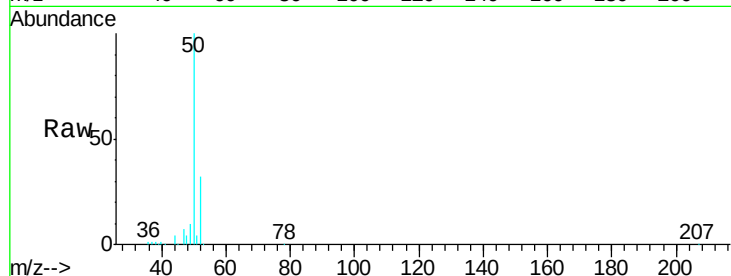
VN1125WBS02

Tgt Ion: 50 Resp: 81198

Ion Ratio Lower Upper

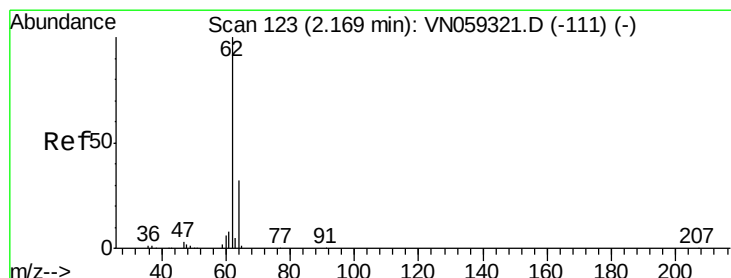
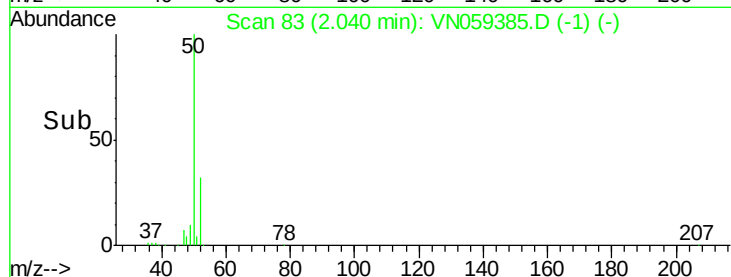
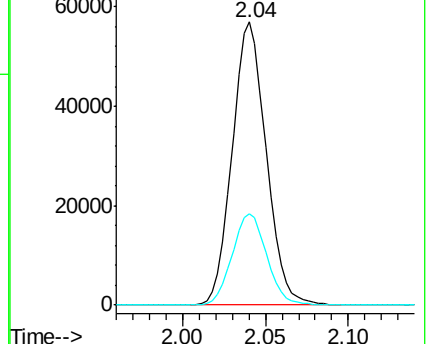
50 100

52 32.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 15.508 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059385.D

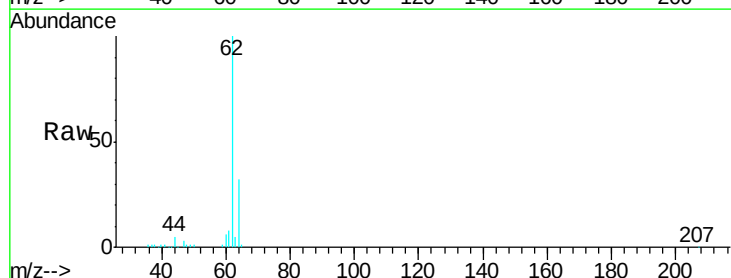
Acq: 25 Nov 2019 16:10

Tgt Ion: 62 Resp: 87632

Ion Ratio Lower Upper

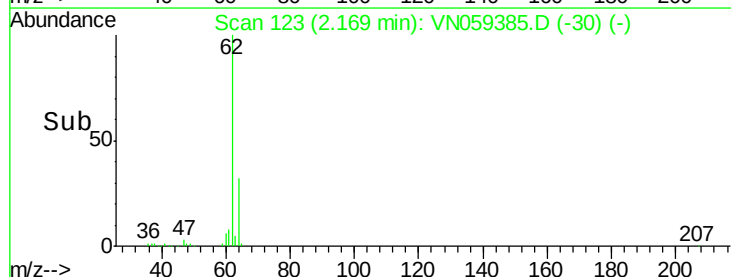
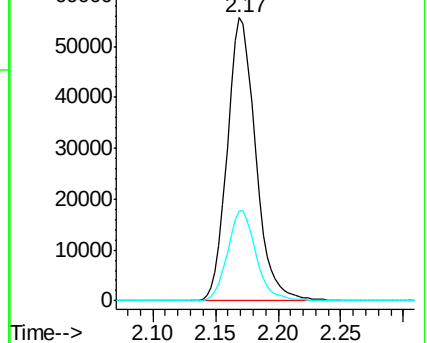
62 100

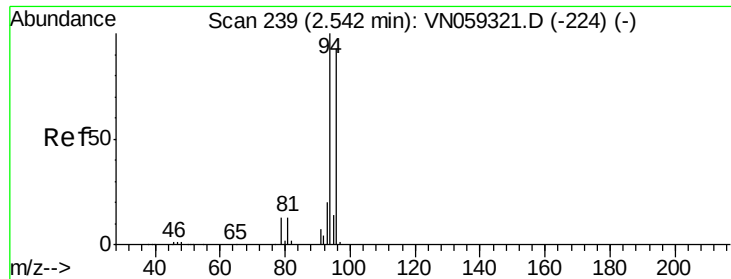
64 32.0 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 15.463 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA\_N

ClientSampled :

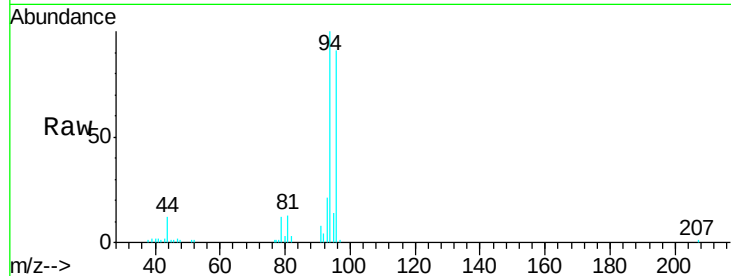
VN1125WBS02

Tgt Ion: 94 Resp: 48510

Ion Ratio Lower Upper

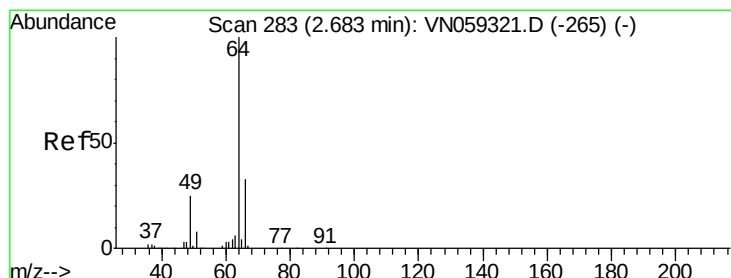
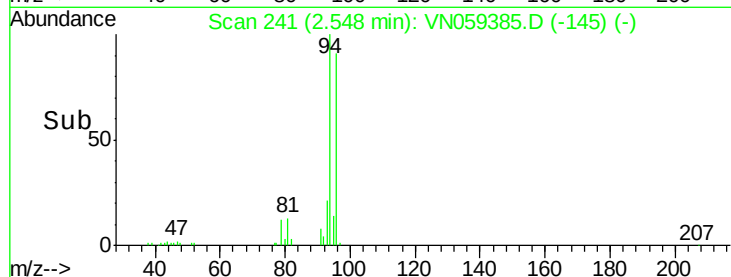
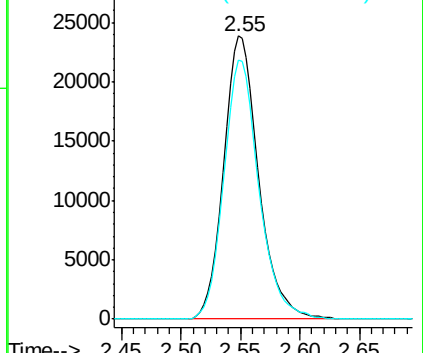
94 100

96 91.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 14.787 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN059385.D

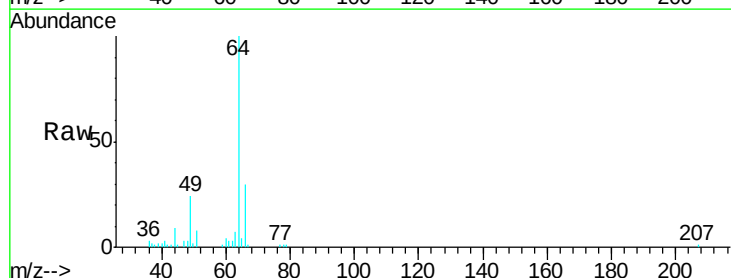
Acq: 25 Nov 2019 16:10

Tgt Ion: 64 Resp: 45602

Ion Ratio Lower Upper

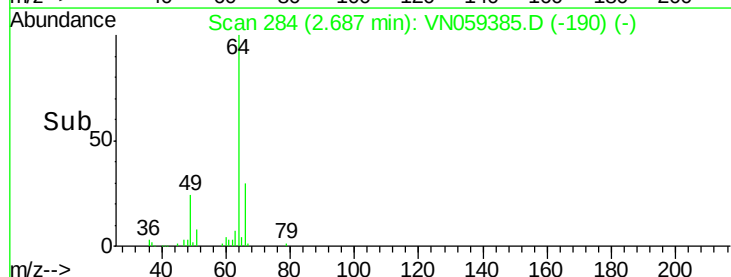
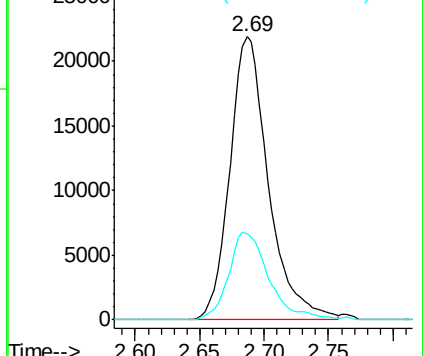
64 100

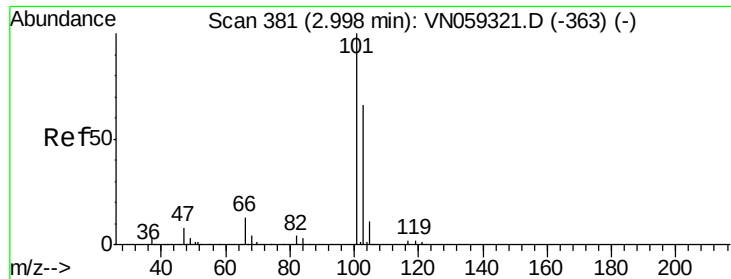
66 30.4 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



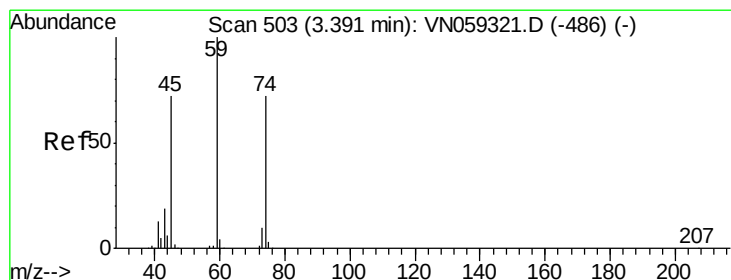
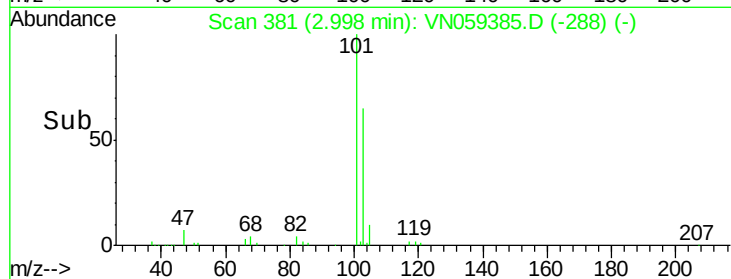
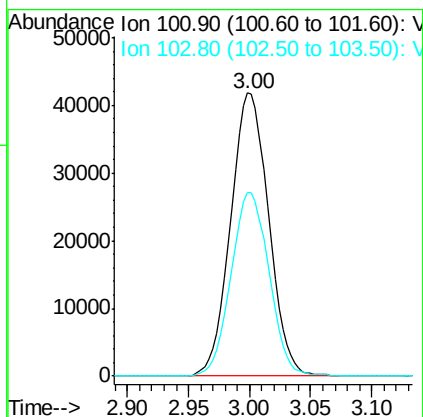
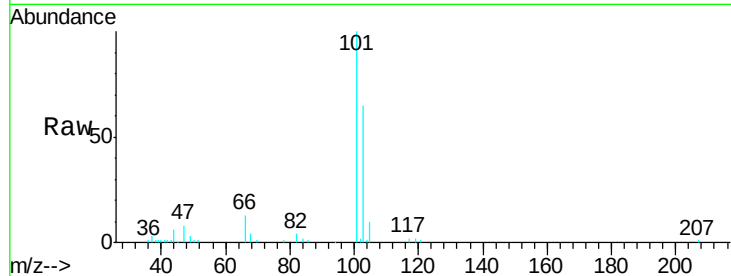


#7

Trichlorofluoromethane  
 Concen: 14.873 ug/l  
 RT: 3.00 min Scan# 381  
 Delta R.T. 0.00 min  
 Lab File: VN059385.D  
 Acq: 25 Nov 2019 16:10

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1125WBS02

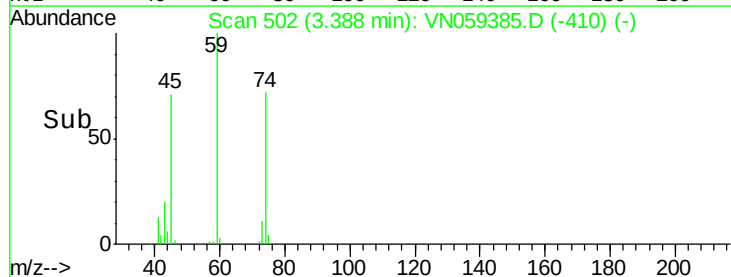
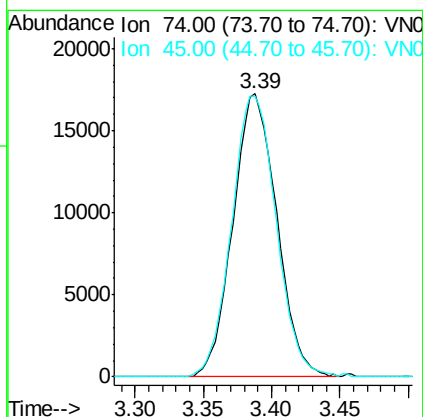
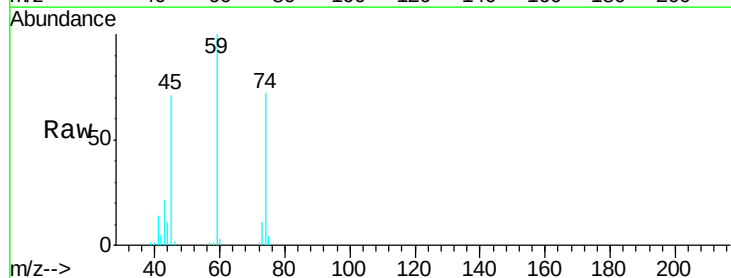
Tgt Ion:101 Resp: 90500  
 Ion Ratio Lower Upper  
 101 100  
 103 65.0 52.5 78.7



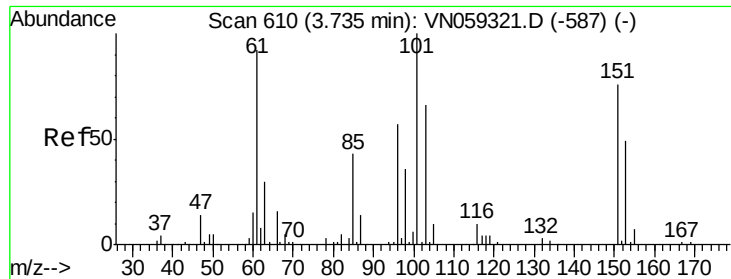
#8

Diethyl Ether  
 Concen: 15.497 ug/l  
 RT: 3.39 min Scan# 502  
 Delta R.T. -0.00 min  
 Lab File: VN059385.D  
 Acq: 25 Nov 2019 16:10

Tgt Ion: 74 Resp: 38551  
 Ion Ratio Lower Upper  
 74 100  
 45 101.1 51.7 155.2







#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.656 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA\_N

ClientSampled :

VN1125WBS02

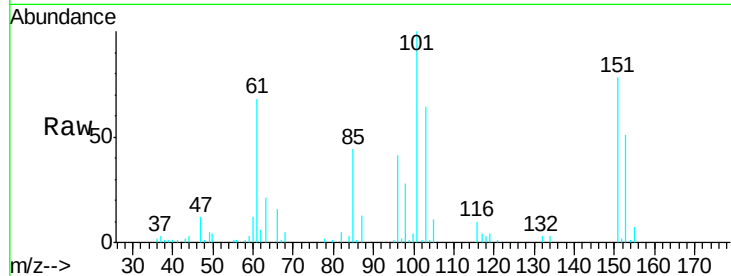
Tgt Ion:101 Resp: 58254

Ion Ratio Lower Upper

101 100

85 43.4 34.8 52.2

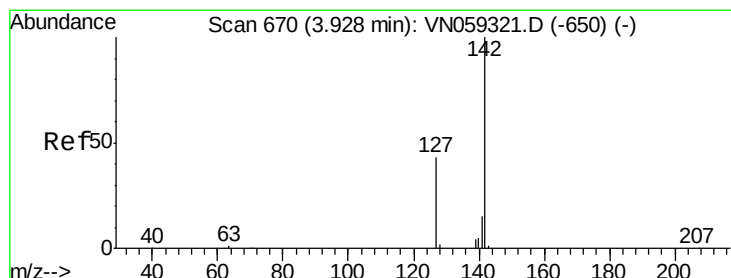
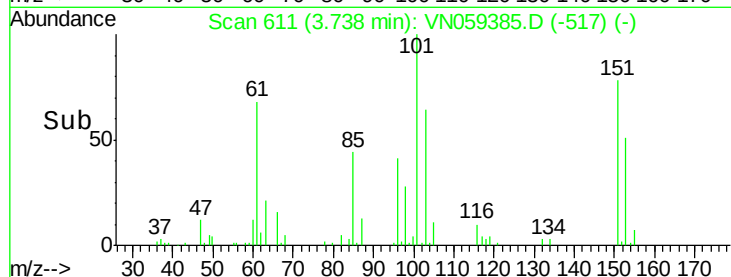
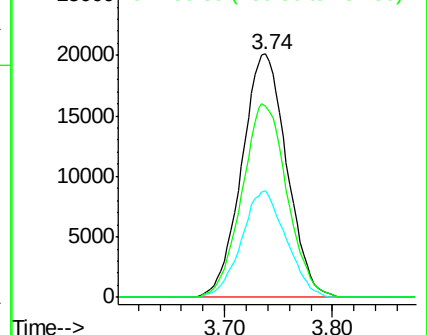
151 79.8 62.2 93.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.582 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

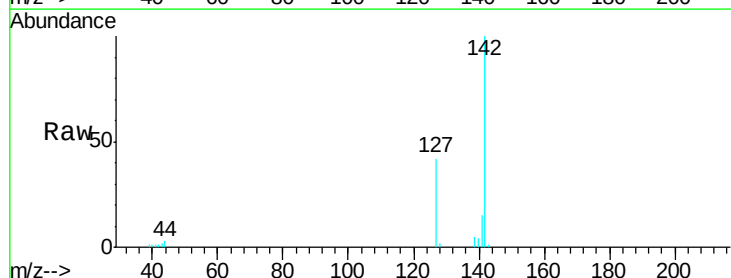
Tgt Ion:142 Resp: 72058

Ion Ratio Lower Upper

142 100

127 41.3 33.8 50.6

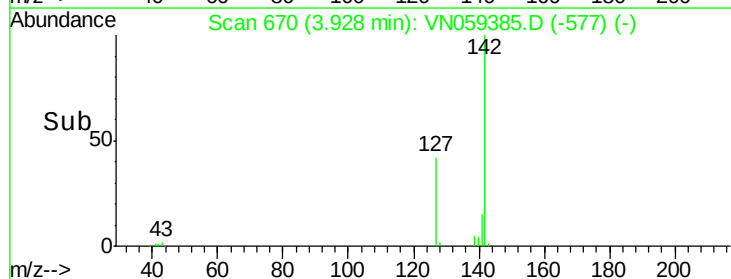
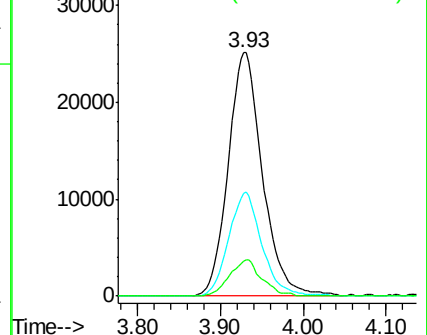
141 14.1 11.2 16.8

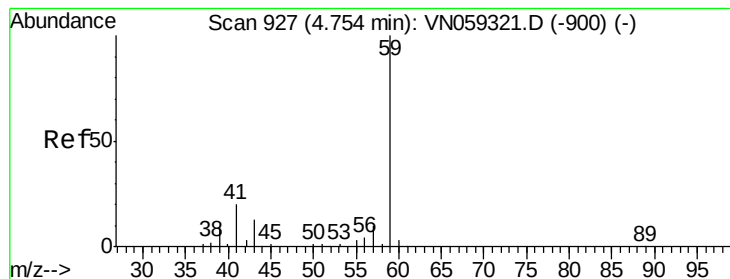


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 70.385 ug/l

RT: 4.74 min Scan# 924

Delta R.T. -0.01 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA\_N

ClientSampleId :

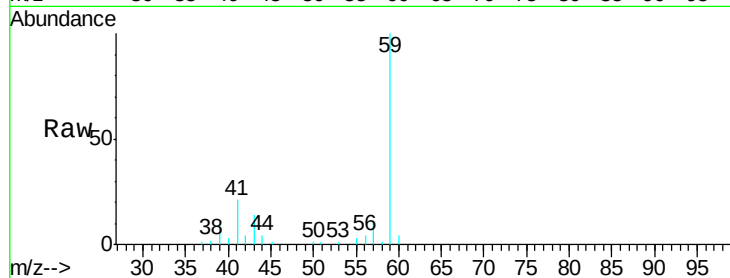
VN1125WBS02

Tgt Ion: 59 Resp: 59170

Ion Ratio Lower Upper

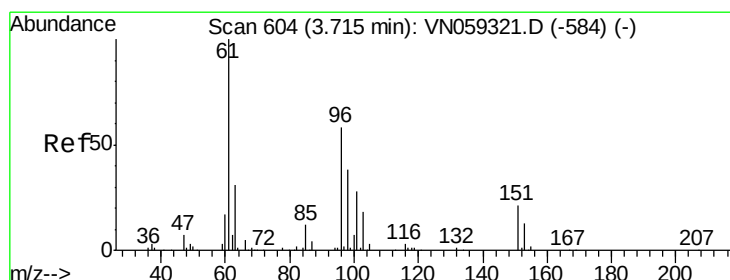
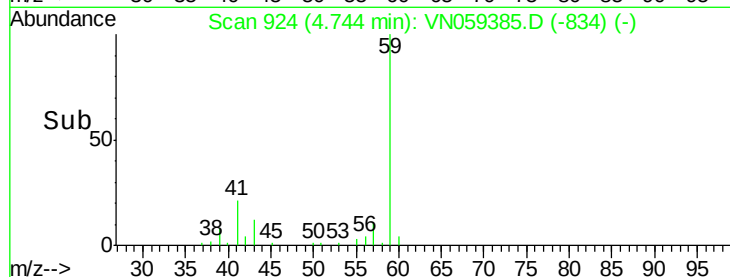
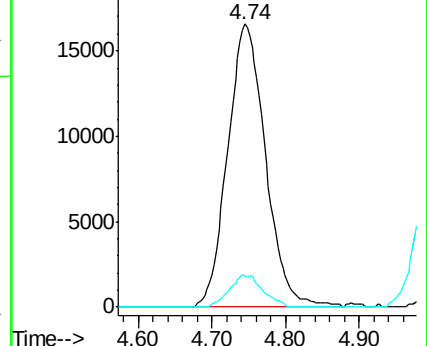
59 100

57 9.9 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 15.114 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

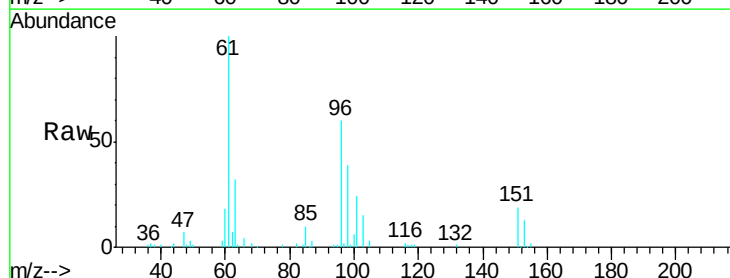
Tgt Ion: 96 Resp: 57084

Ion Ratio Lower Upper

96 100

61 165.3 136.8 205.2

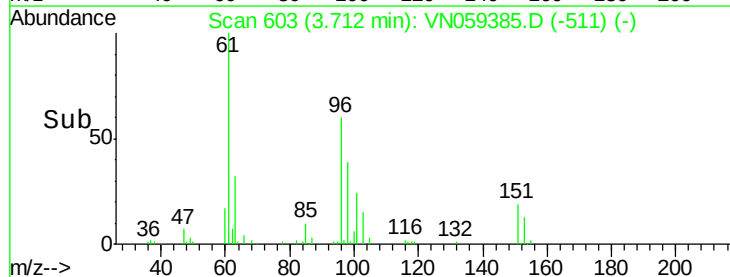
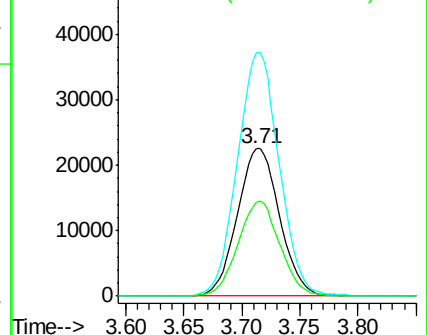
98 63.7 51.6 77.4

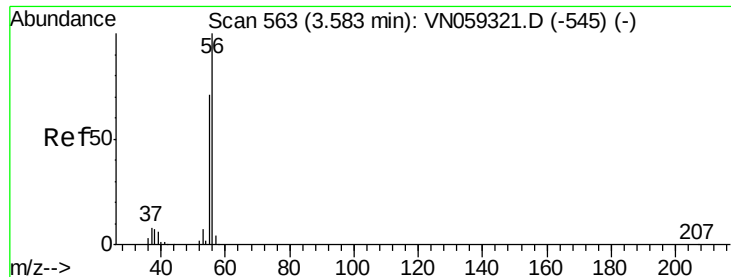


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 75.892 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA\_N

ClientSampleId :

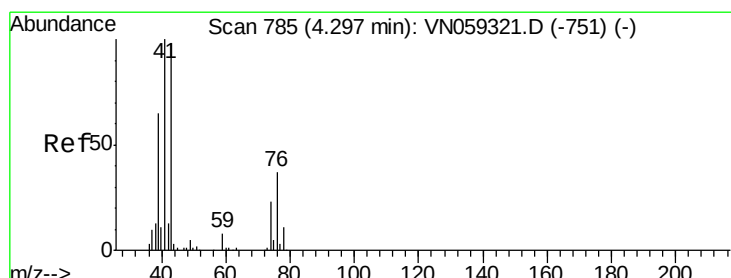
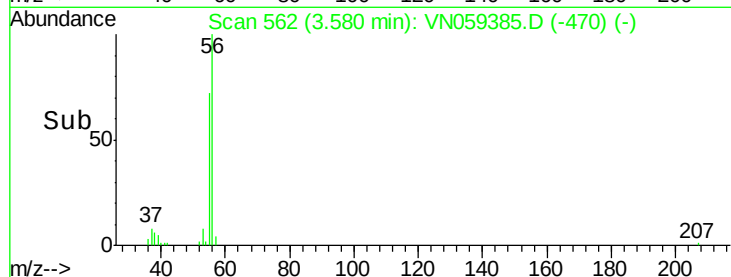
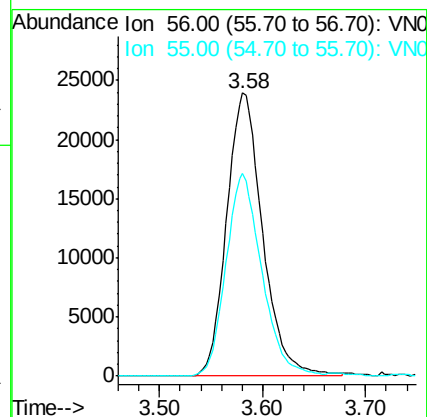
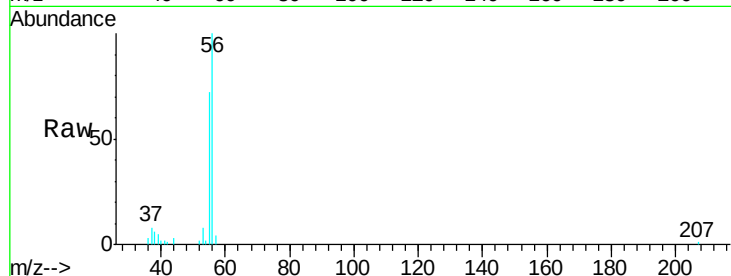
VN1125WBS02

Tgt Ion: 56 Resp: 58239

Ion Ratio Lower Upper

56 100

55 71.1 57.4 86.0



#14

Allyl chloride

Concen: 15.019 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

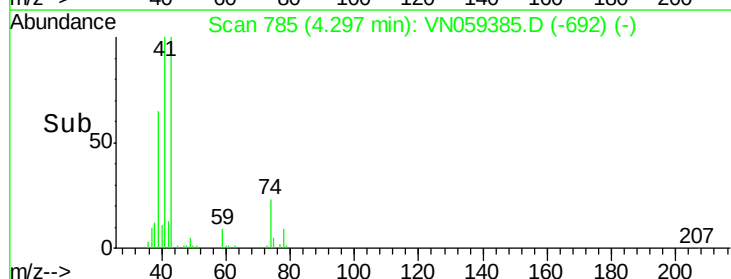
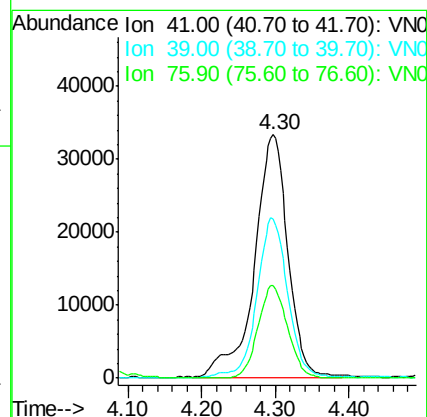
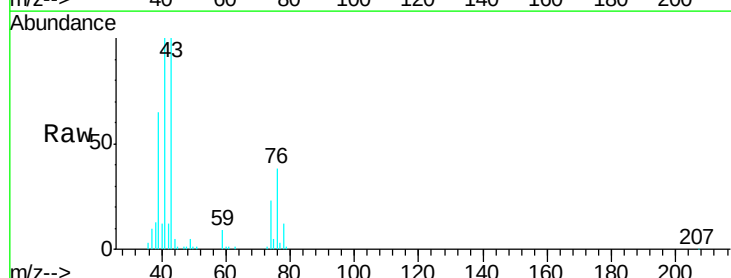
Tgt Ion: 41 Resp: 105971

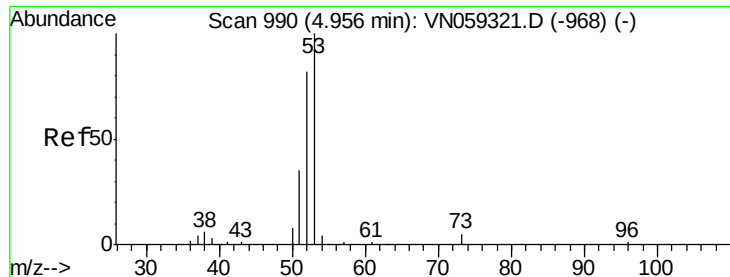
Ion Ratio Lower Upper

41 100

39 60.6 48.4 72.6

76 33.3 26.2 39.4





#15

Acrylonitrile

Concen: 76.618 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA\_N

ClientSampleId :

VN1125WBS02

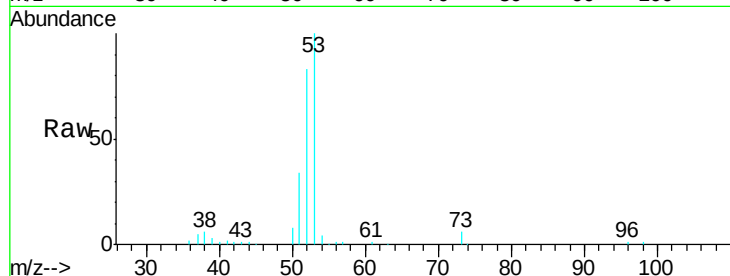
Tgt Ion: 53 Resp: 170299

Ion Ratio Lower Upper

53 100

52 80.6 65.8 98.8

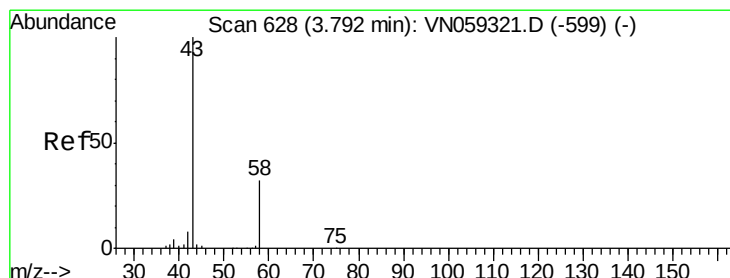
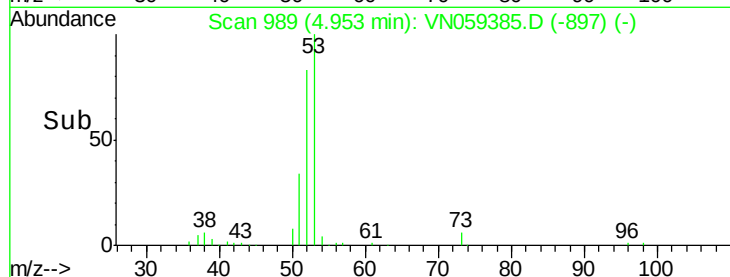
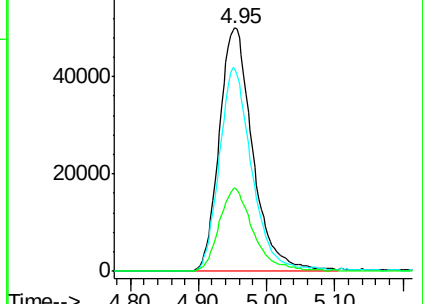
51 34.6 28.2 42.2



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: 93.597 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.01 min

Lab File: VN059385.D

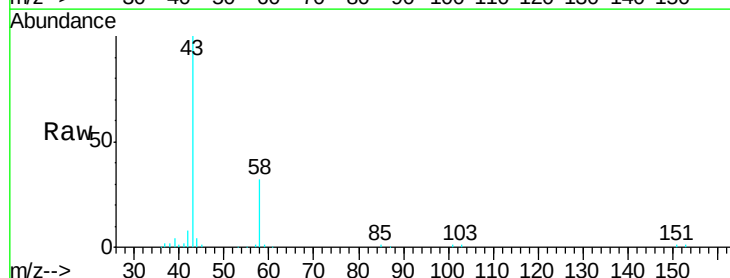
Acq: 25 Nov 2019 16:10

Tgt Ion: 43 Resp: 176212

Ion Ratio Lower Upper

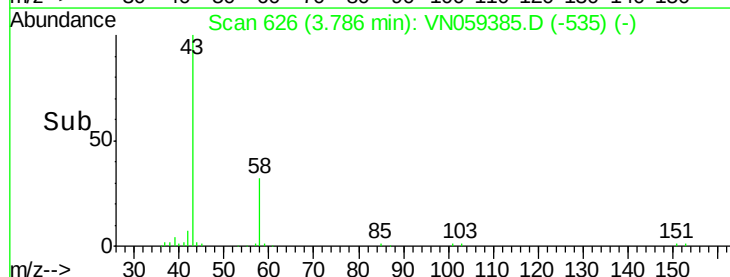
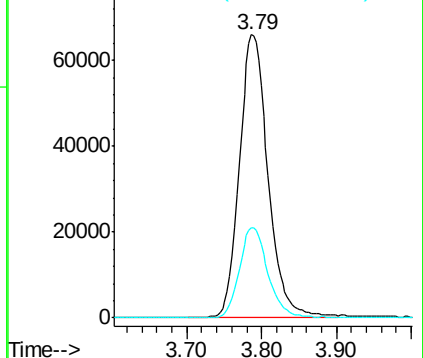
43 100

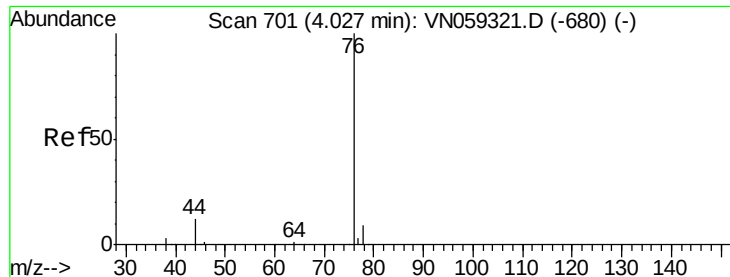
58 31.8 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 14.828 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA\_N

ClientSampleId :

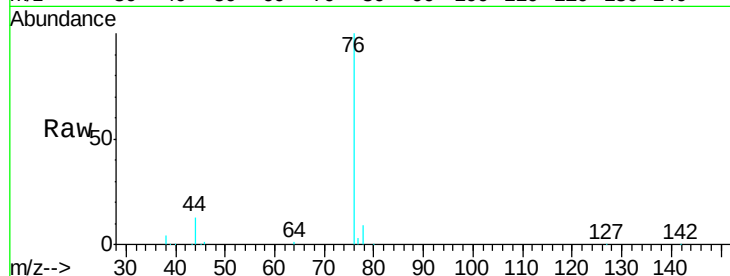
VN1125WBS02

Tgt Ion: 76 Resp: 174349

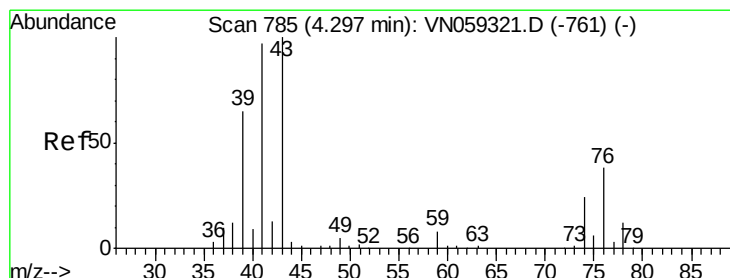
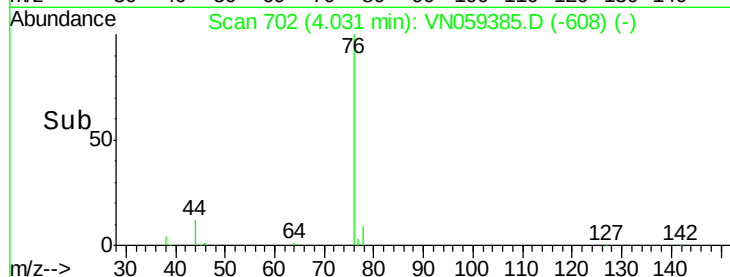
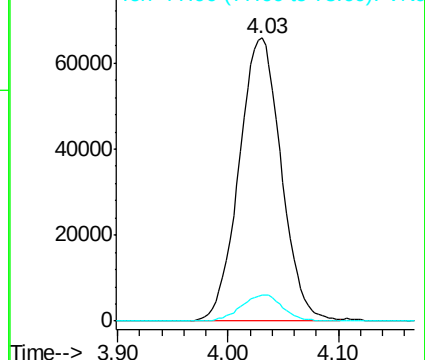
Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VNO  
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 15.727 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059385.D

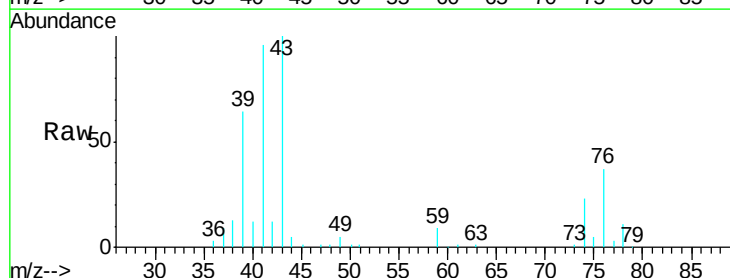
Acq: 25 Nov 2019 16:10

Tgt Ion: 43 Resp: 98261

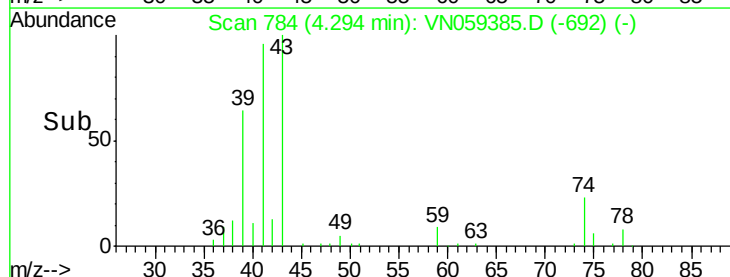
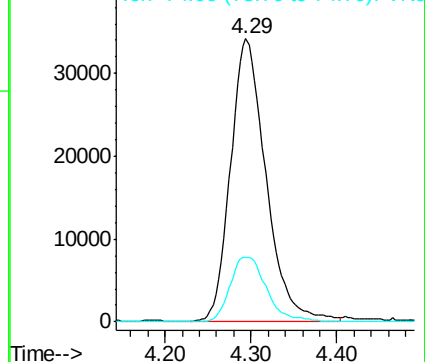
Ion Ratio Lower Upper

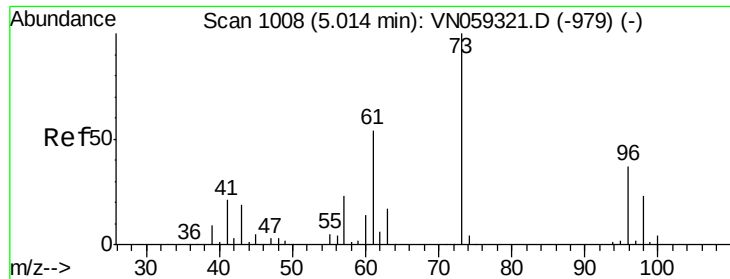
43 100

74 23.4 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VNO  
Ion 74.00 (73.70 to 74.70): VNO

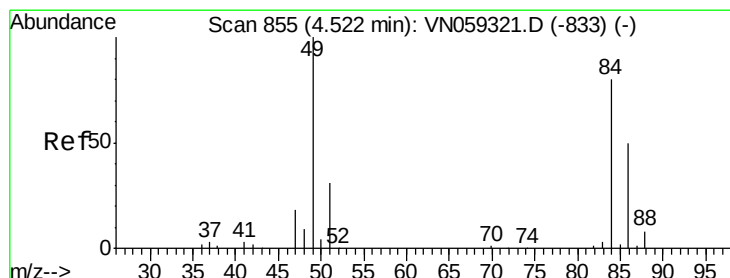
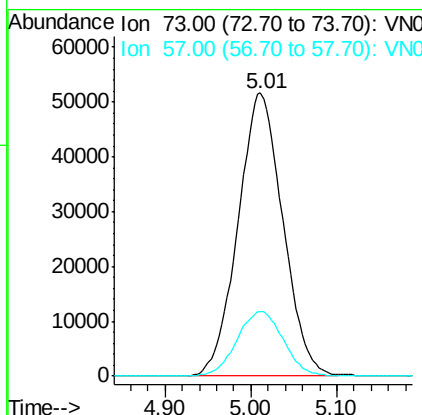
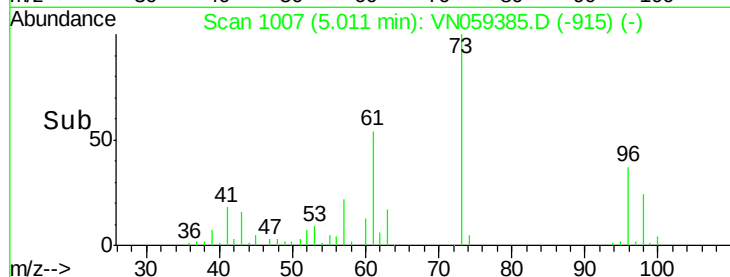
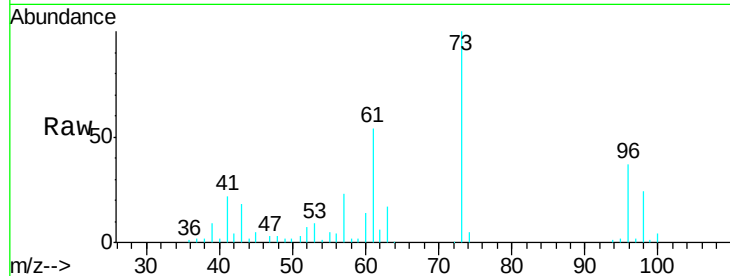




#19  
Methyl tert-butyl Ether  
Concen: 15.334 ug/l  
RT: 5.01 min Scan# 1007  
Delta R.T. -0.00 min  
Lab File: VN059385.D  
Acq: 25 Nov 2019 16:10

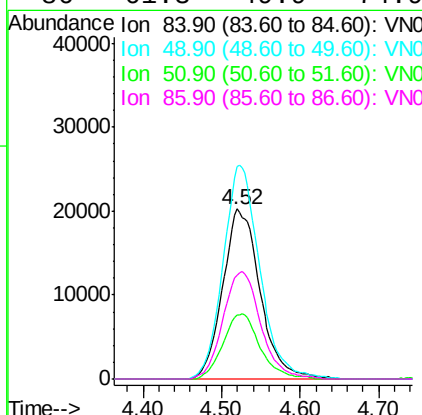
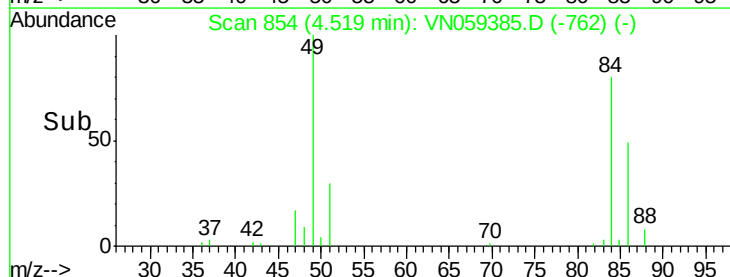
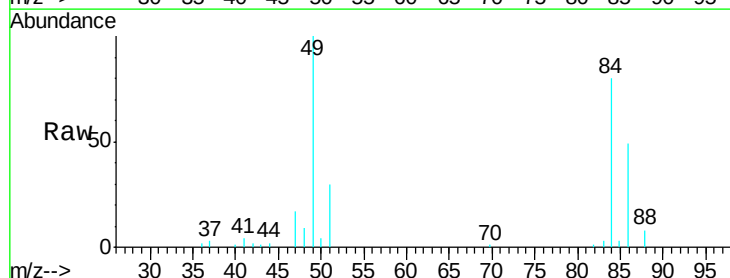
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1125WBS02

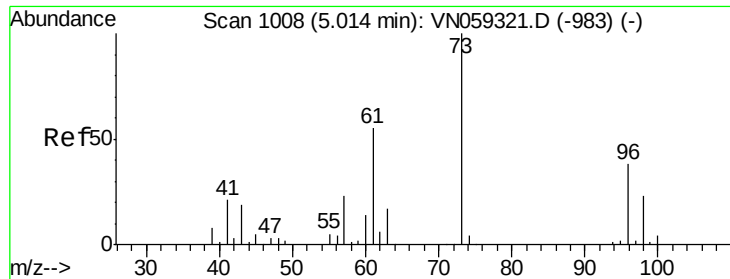
Tgt Ion: 73 Resp: 187064  
Ion Ratio Lower Upper  
73 100  
57 22.7 18.4 27.6



#20  
Methylene Chloride  
Concen: 15.721 ug/l  
RT: 4.52 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: VN059385.D  
Acq: 25 Nov 2019 16:10

Tgt Ion: 84 Resp: 66754  
Ion Ratio Lower Upper  
84 100  
49 124.9 99.5 149.3  
51 37.4 31.1 46.7  
86 61.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 15.479 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA\_N

ClientSampleId :

VN1125WBS02

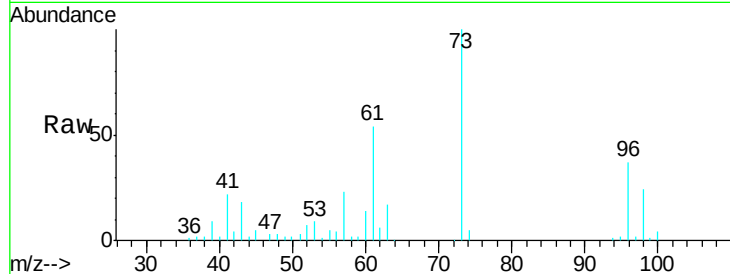
Tgt Ion: 96 Resp: 61962

Ion Ratio Lower Upper

96 100

61 145.5 116.4 174.6

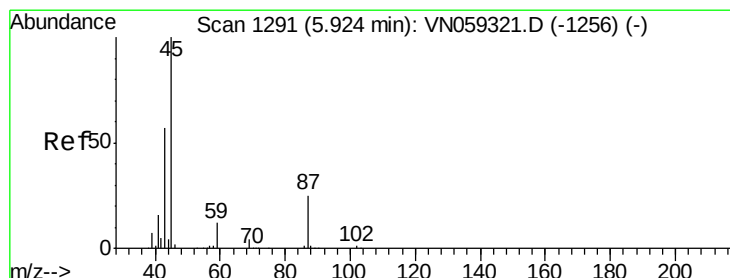
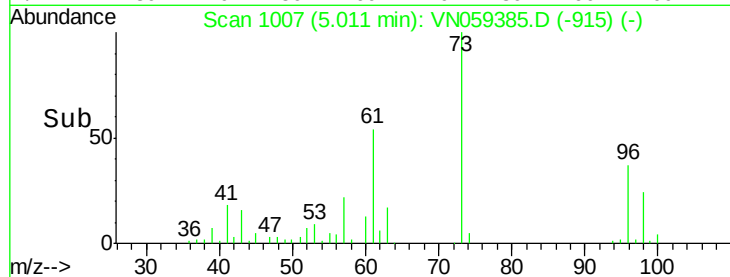
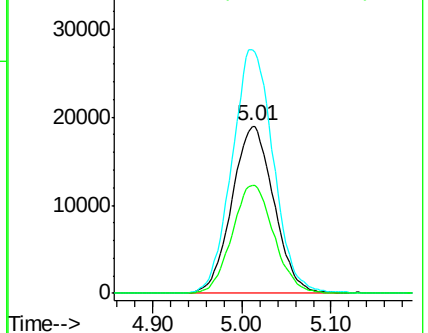
98 64.7 49.6 74.4



Abundance Ion 95.90 (95.60 to 96.60): VN059385.D (-915) (-)

Ion 60.90 (60.60 to 61.60): VN059385.D (-915) (-)

Ion 97.90 (97.60 to 98.60): VN059385.D (-915) (-)



#22

Diisopropyl ether

Concen: 15.321 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Tgt Ion: 45 Resp: 203528

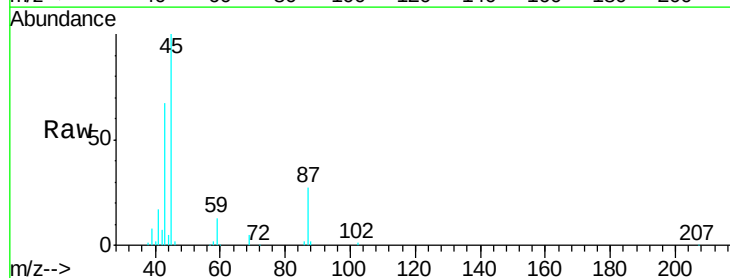
Ion Ratio Lower Upper

45 100

43 64.8 47.6 71.4

87 26.5 20.7 31.1

59 12.3 9.4 14.2

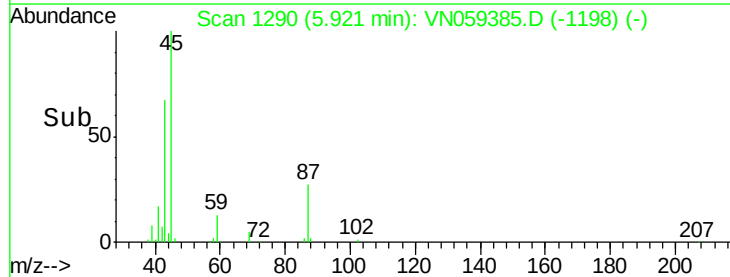
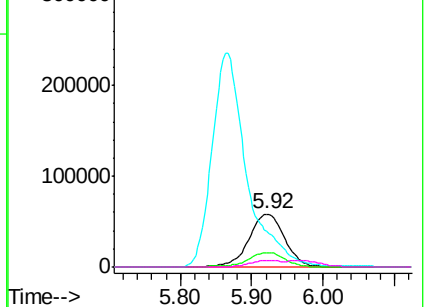


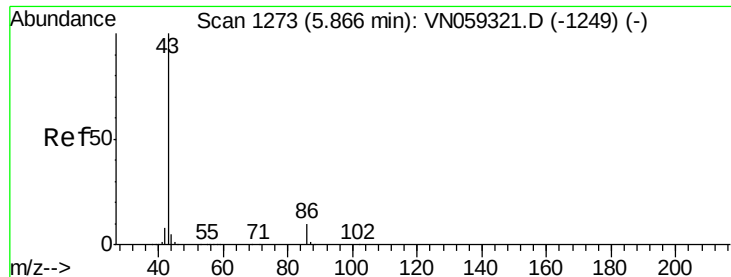
Abundance Ion 45.00 (44.70 to 45.70): VN059385.D (-1198) (-)

Ion 43.00 (42.70 to 43.70): VN059385.D (-1198) (-)

Ion 87.00 (86.70 to 87.70): VN059385.D (-1198) (-)

Ion 59.00 (58.70 to 59.70): VN059385.D (-1198) (-)





#23

Vinyl Acetate

Concen: 76.391 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA\_N

ClientSampleId :

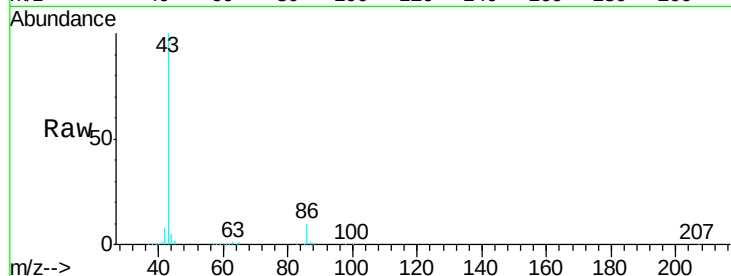
VN1125WBS02

Tgt Ion: 43 Resp: 798031

Ion Ratio Lower Upper

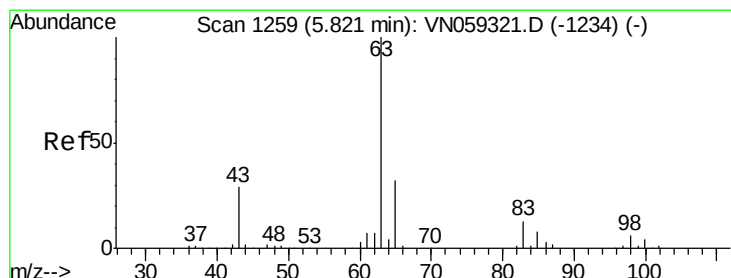
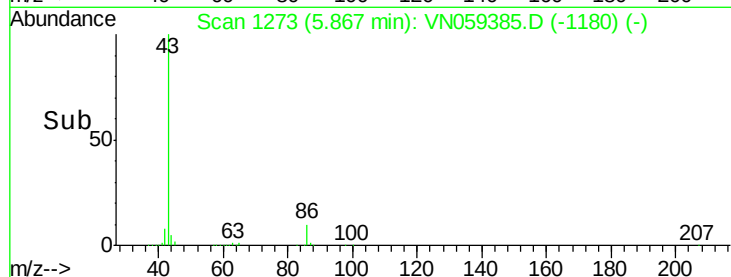
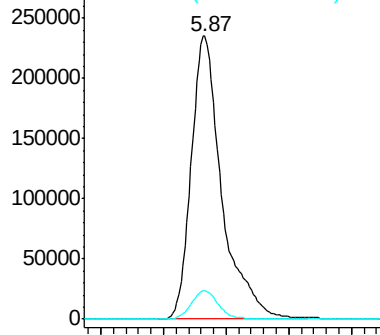
43 100

86 10.1 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 15.690 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

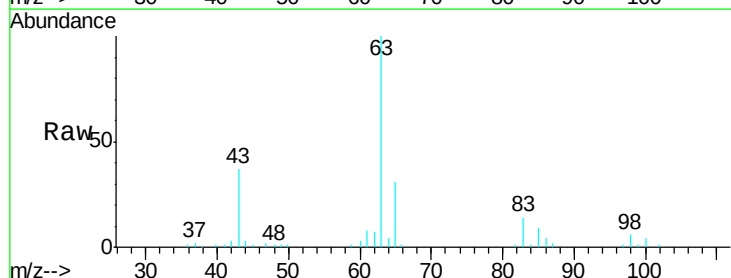
Tgt Ion: 63 Resp: 117321

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

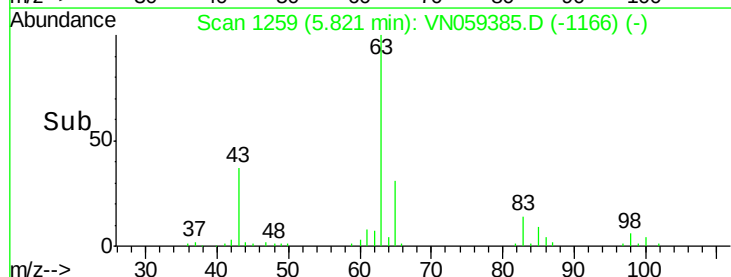
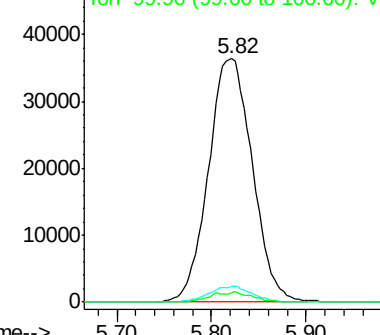
100 4.1 1.9 5.7



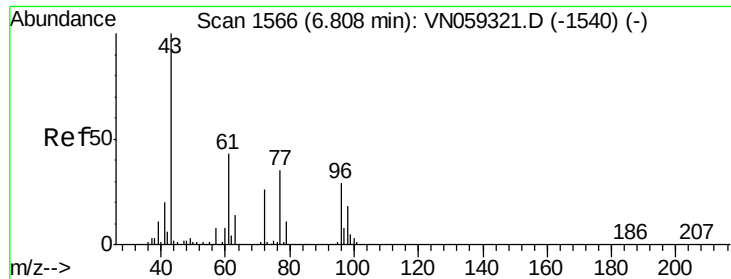
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0







#25

2-Butanone

Concen: 78.022 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA\_N

ClientSampleId :

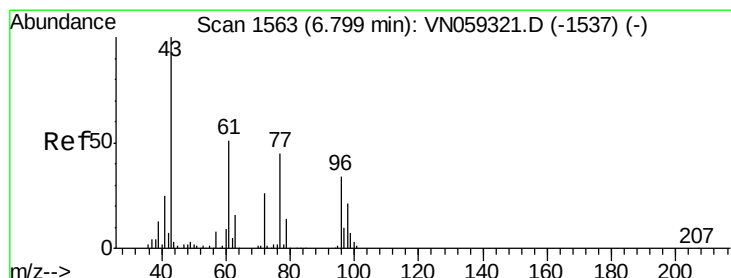
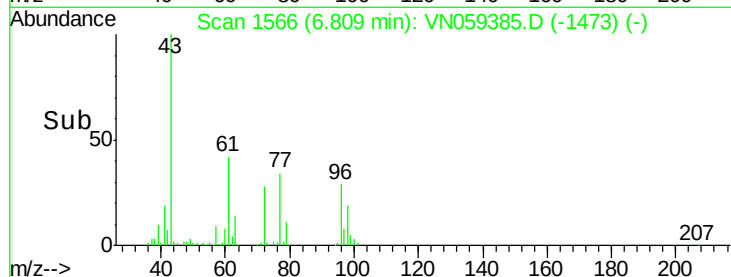
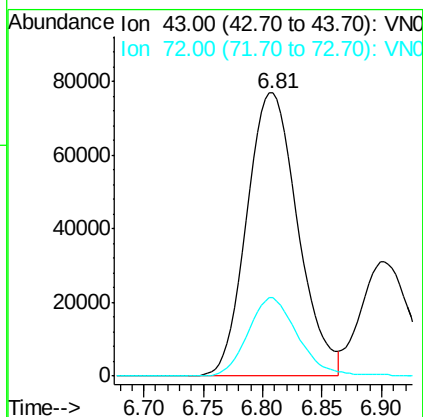
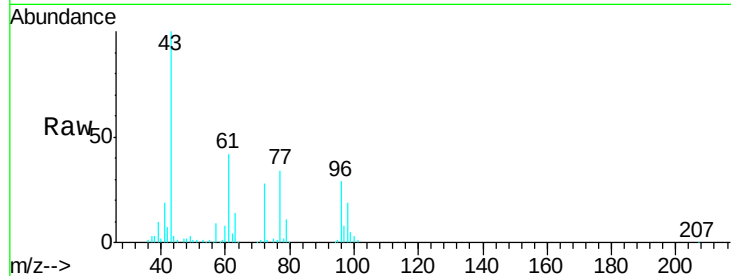
VN1125WBS02

Tgt Ion: 43 Resp: 228411

Ion Ratio Lower Upper

43 100

72 27.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 15.368 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059385.D

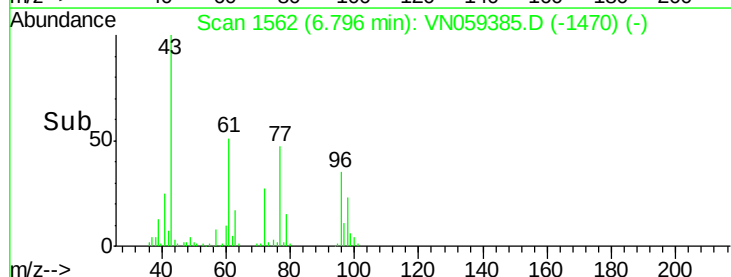
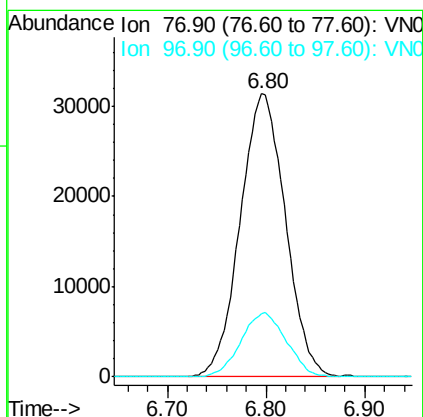
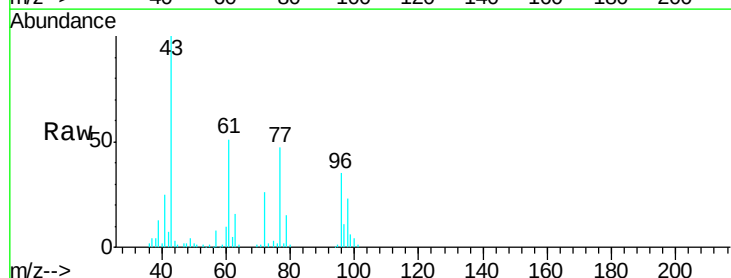
Acq: 25 Nov 2019 16:10

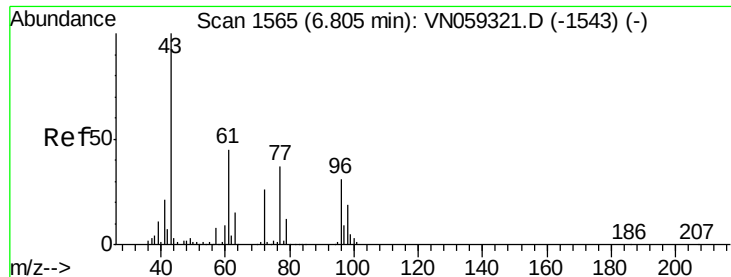
Tgt Ion: 77 Resp: 99504

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 15.561 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA\_N

ClientSampleId :

VN1125WBS02

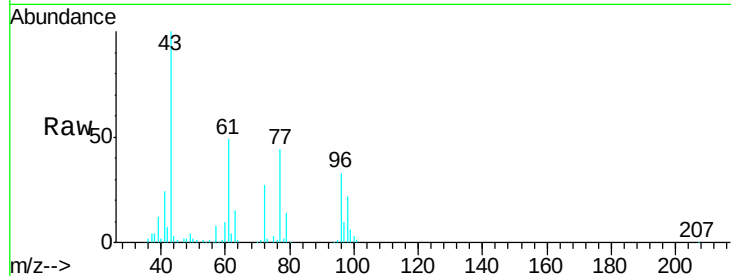
Tgt Ion: 96 Resp: 70277

Ion Ratio Lower Upper

96 100

61 148.5 0.0 304.0

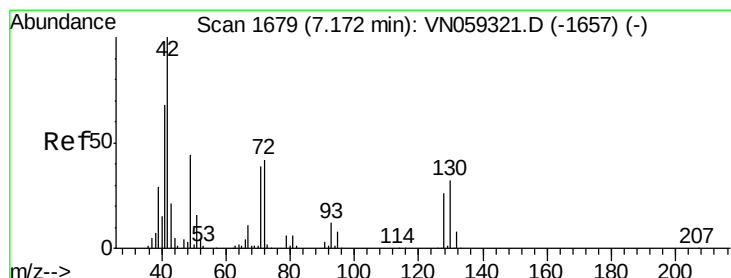
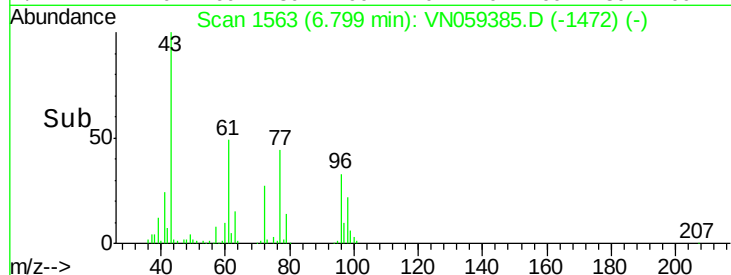
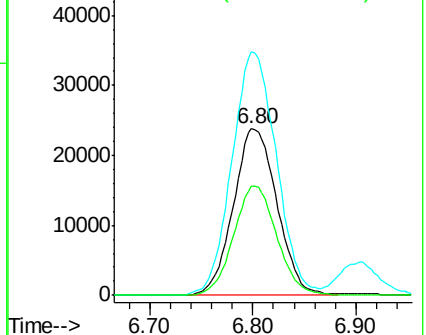
98 64.7 0.0 128.4



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: 16.428 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

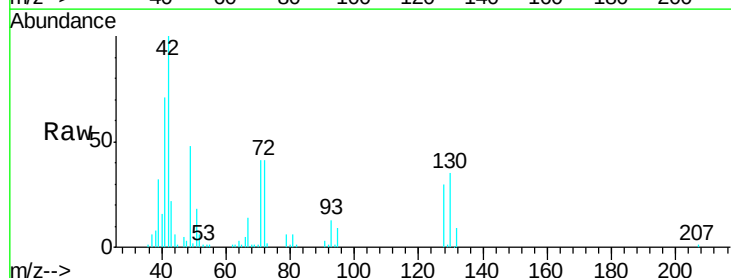
Tgt Ion: 49 Resp: 44993

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

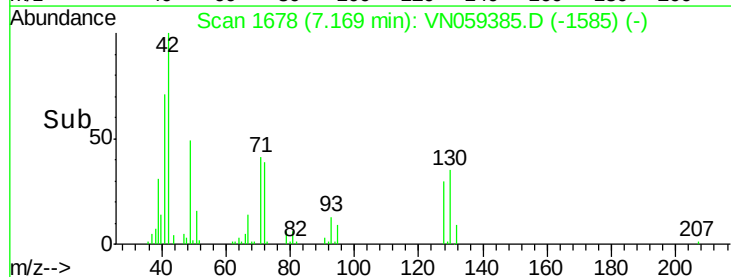
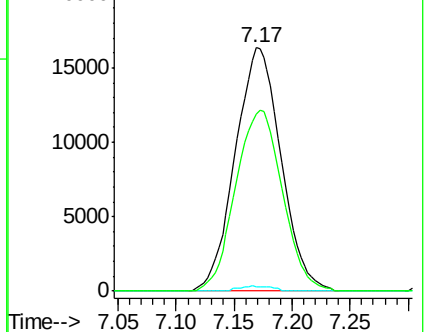
130 76.0 57.0 85.6

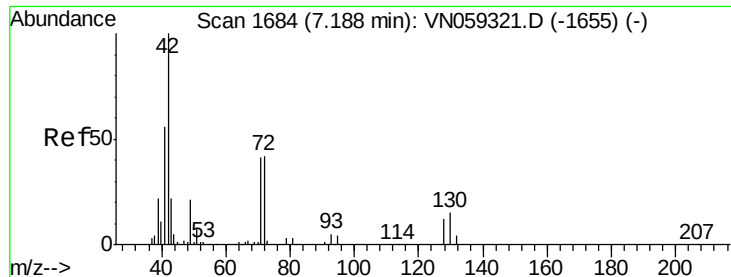


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

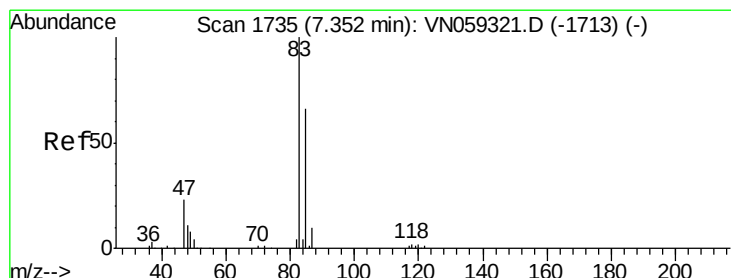
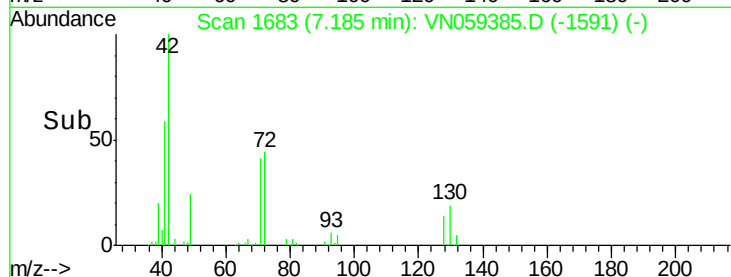
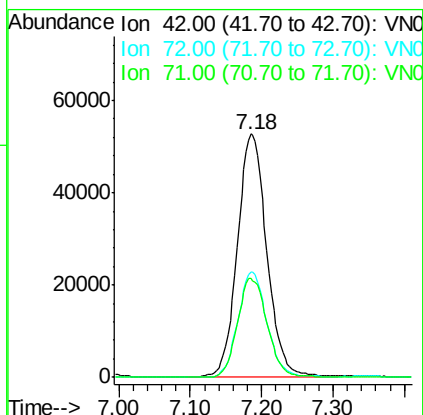
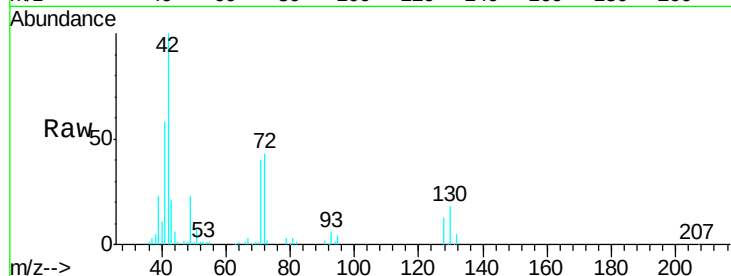




#29  
Tetrahydrofuran  
Concen: 75.134 ug/l  
RT: 7.18 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VN059385.D  
Acq: 25 Nov 2019 16:10

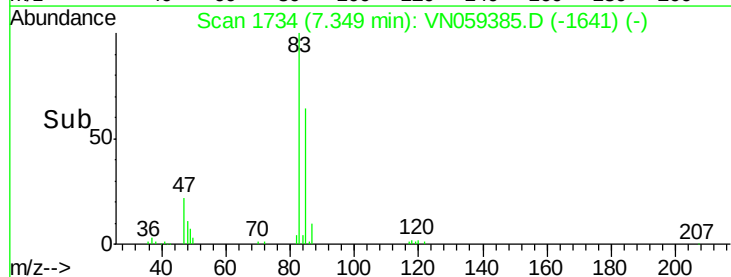
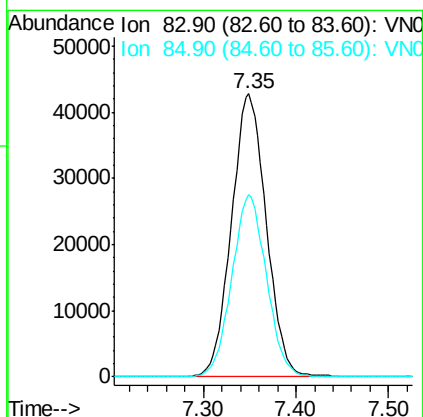
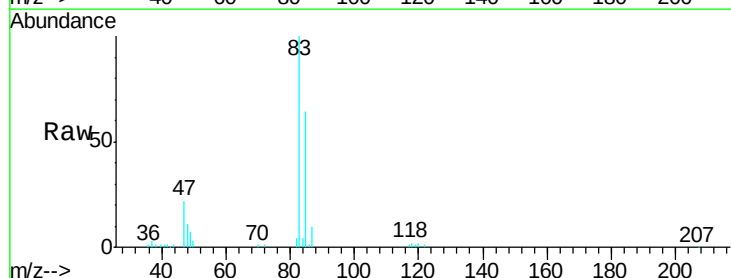
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1125WBS02

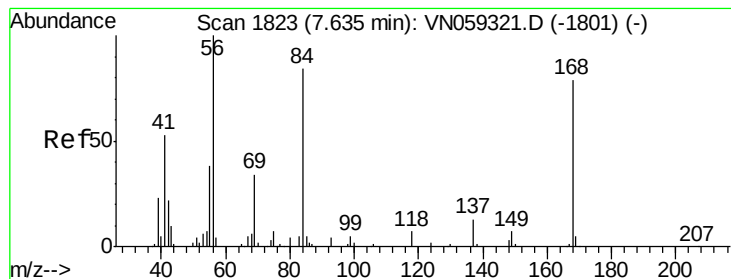
Tgt Ion: 42 Resp: 152092  
Ion Ratio Lower Upper  
42 100  
72 42.3 34.2 51.2  
71 40.9 32.6 48.8



#30  
Chloroform  
Concen: 15.261 ug/l  
RT: 7.35 min Scan# 1734  
Delta R.T. -0.00 min  
Lab File: VN059385.D  
Acq: 25 Nov 2019 16:10

Tgt Ion: 83 Resp: 111432  
Ion Ratio Lower Upper  
83 100  
85 64.3 52.7 79.1





#31

Cyclohexane

Concen: 14.843 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

Instrument :

MSVOA\_N

ClientSampleId :

VN1125WBS02

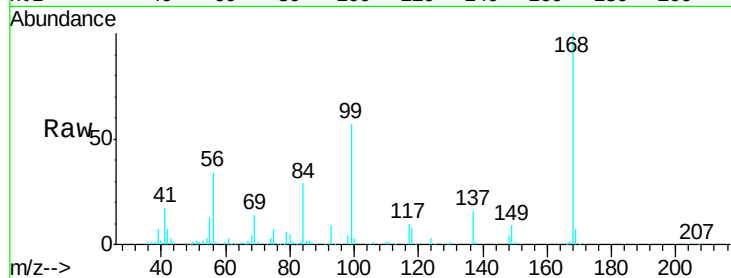
Tgt Ion: 56 Resp: 109740

Ion Ratio Lower Upper

56 100

69 39.8 26.6 40.0

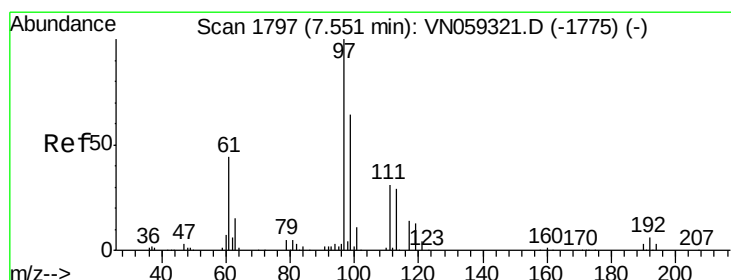
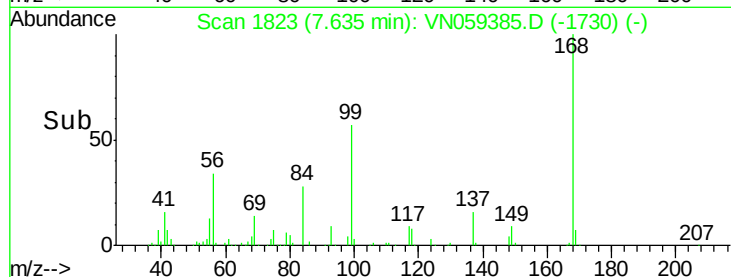
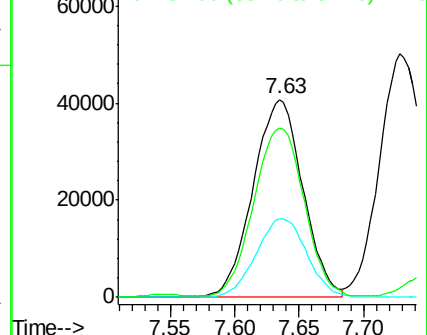
84 84.7 67.0 100.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 15.100 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN059385.D

Acq: 25 Nov 2019 16:10

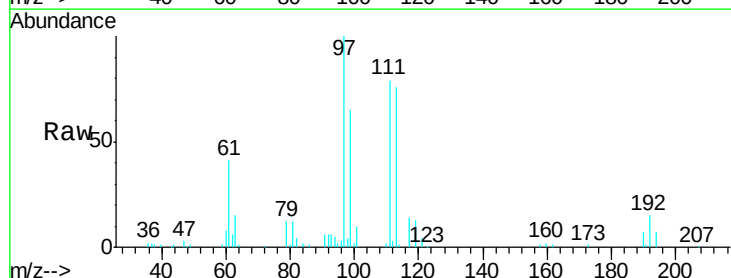
Tgt Ion: 97 Resp: 94141

Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

61 43.4 35.3 52.9



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

