

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110619\  
 Data File : VN059095.D  
 Acq On : 6 Nov 2019 10:01  
 Operator : JC/SP  
 Sample : VSTDICCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 07 03:14:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110619W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 07 03:09:32 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 501883   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 780819   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 716666   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 341701   | 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   | 294155   | 45.25  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 90.50% |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 226969   | 45.99  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 91.98% |          |
| 50) Toluene-d8              | 10.08 | 98   | 902428   | 47.08  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 94.16% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 322433   | 46.96  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 93.92% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 242739   | 45.081  | ug/l  | 100    |
| 3) Chloromethane              | 2.04 | 50   | 320526   | 43.937  | ug/l  | 100    |
| 4) Vinyl Chloride             | 2.17 | 62   | 318466   | 44.914  | ug/l  | 100    |
| 5) Bromomethane               | 2.54 | 94   | 182195   | 43.632  | ug/l  | 100    |
| 6) Chloroethane               | 2.68 | 64   | 186343   | 42.914  | ug/l  | 100    |
| 7) Trichlorofluoromethane     | 3.00 | 101  | 389838   | 46.151  | ug/l  | 100    |
| 8) Diethyl Ether              | 3.39 | 74   | 158967   | 48.031  | ug/l  | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.73 | 101  | 233068   | 46.764  | ug/l  | 100    |
| 10) Methyl Iodide             | 3.93 | 142  | 298379   | 49.032  | ug/l  | 100    |
| 11) Tert butyl alcohol        | 4.75 | 59   | 284191   | 232.279 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 3.71 | 96   | 227595   | 45.949  | ug/l  | 100    |
| 13) Acrolein                  | 3.58 | 56   | 146716   | 199.015 | ug/l  | 100    |
| 14) Allyl chloride            | 4.30 | 41   | 461136   | 46.985  | ug/l  | 100    |
| 15) Acrylonitrile             | 4.95 | 53   | 744559   | 241.661 | ug/l  | 100    |
| 16) Acetone                   | 3.79 | 43   | 854120   | 252.817 | ug/l  | 100    |
| 17) Carbon Disulfide          | 4.03 | 76   | 679047   | 43.451  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.30 | 43   | 375258   | 44.100  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 5.01 | 73   | 804261   | 47.607  | ug/l  | 100    |
| 20) Methylene Chloride        | 4.52 | 84   | 268292   | 45.641  | ug/l  | 100    |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96   | 244729   | 46.080  | ug/l  | 100    |
| 22) Diisopropyl ether         | 5.92 | 45   | 909261   | 48.598  | ug/l  | 100    |
| 23) Vinyl Acetate             | 5.87 | 43   | 3779296  | 254.237 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 5.82 | 63   | 496647   | 46.393  | ug/l  | 100    |
| 25) 2-Butanone                | 6.81 | 43   | 1096182  | 245.355 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 6.80 | 77   | 421181   | 45.401  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96   | 286934   | 47.801  | ug/l  | 100    |
| 28) Bromochloromethane        | 7.17 | 49   | 146369   | 44.601  | ug/l  | 100    |
| 29) Tetrahydrofuran           | 7.18 | 42   | 681197   | 241.800 | ug/l  | 100    |
| 30) Chloroform                | 7.35 | 83   | 470814   | 46.017  | ug/l  | 100    |
| 31) Cyclohexane               | 7.63 | 56   | 457129   | 44.961  | ug/l  | 100    |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97   | 407324   | 47.065  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 7.77 | 75   | 361775   | 46.851  | ug/l  | 100    |
| 37) Ethyl Acetate             | 6.90 | 43   | 413563   | 48.136  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 7.75 | 117  | 357171   | 47.411  | ug/l  | 100    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110619\  
 Data File : VN059095.D  
 Acq On : 6 Nov 2019 10:01  
 Operator : JC/SP  
 Sample : VSTDICCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 07 03:14:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110619W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 07 03:09:32 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 432147   | 48.558   | ug/l   | 100      |
| 40) Benzene                    | 8.02  | 78   | 1096973  | 47.744   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 589775   | 157.927  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 374817   | 46.944   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.14  | 43   | 647432   | 48.294   | ug/l   | 100      |
| 44) Trichloroethene            | 8.82  | 130  | 268380   | 47.420   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 299141   | 48.094   | ug/l   | 100      |
| 46) Dibromomethane             | 9.19  | 93   | 180552   | 47.026   | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.39  | 83   | 374995   | 48.136   | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.18  | 41   | 296739   | 48.518   | ug/l   | 100      |
| 49) 1,4-Dioxane                | 9.18  | 88   | 102560   | 1034.799 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 2032714  | 260.258  | ug/l   | 100      |
| 52) Toluene                    | 10.14 | 92   | 660390   | 49.137   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 431211   | 48.002   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 467832   | 49.421   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 262193   | 47.717   | ug/l   | 100      |
| 56) Ethyl methacrylate         | 10.42 | 69   | 422923   | 51.192   | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 459518   | 48.156   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 849181   | 258.992  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.74 | 43   | 1568745  | 264.393  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.90 | 129  | 284491   | 48.214   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 269565   | 48.585   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.62 | 164  | 234953   | 46.962   | ug/l   | 100      |
| 65) Chlorobenzene              | 11.43 | 112  | 687797   | 46.929   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 258343   | 47.837   | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.51 | 91   | 1275362  | 50.286   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 948516   | 100.008  | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 450455   | 49.777   | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 750794   | 51.294   | ug/l   | 100      |
| 71) Bromoform                  | 12.13 | 173  | 207103   | 49.603   | ug/l   | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 1225792  | 48.877   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 546903   | 49.272   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 406330   | 45.474   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 541616   | 67.823   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 297305   | 47.248   | ug/l   | 100      |
| 78) n-propylbenzene            | 12.59 | 91   | 1446623  | 49.912   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 848538   | 47.147   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 1045854  | 49.036   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 146040   | 46.900   | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 878184   | 47.765   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 892640   | 49.126   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 1031663  | 49.954   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 1197161  | 50.396   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 1083318  | 50.638   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 521517   | 46.822   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 515125   | 46.805   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.62 | 91   | 936975   | 50.440   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.88 | 117  | 196267   | 46.221   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 518417   | 46.659   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 82324    | 42.733   | ug/l   | 100      |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110619\  
Data File : VN059095.D  
Acq On : 6 Nov 2019 10:01  
Operator : JC/SP  
Sample : VSTDICCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Nov 07 03:14:01 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110619W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 07 03:09:32 2019  
Response via : Initial Calibration

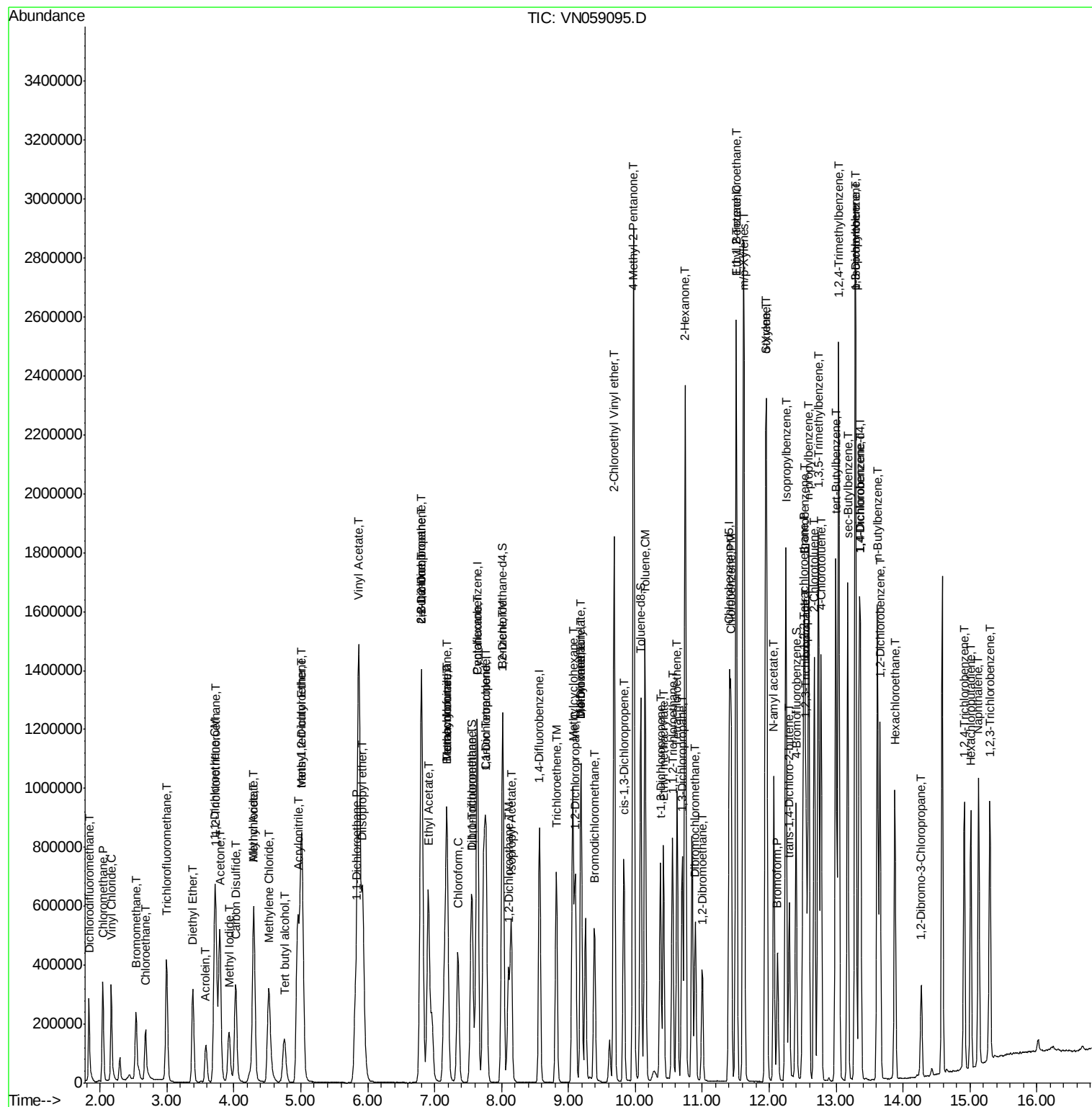
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 289176   | 48.536 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 170199   | 47.280 | ug/l  | 100      |
| 95) Naphthalene            | 15.13 | 128  | 790292   | 48.417 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 290100   | 47.611 | ug/l  | 100      |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110619\  
 Data File : VN059095.D  
 Acq On : 6 Nov 2019 10:01  
 Operator : JC/SP  
 Sample : VSTDICCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampled :

Quant Time: Nov 07 03:14:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110619W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 07 03:09:32 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: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

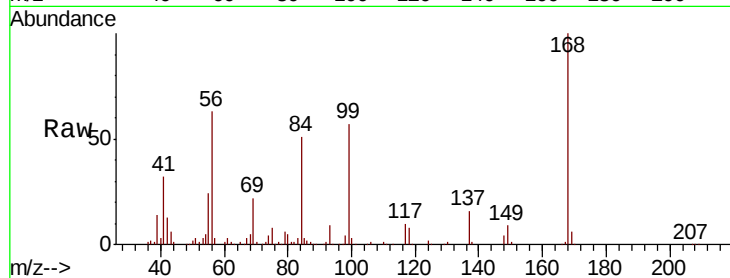
ClientSampleId :

Tot Ion:168 Resp: 501883

Ion Ratio Lower Upper

168 100

99 57.1 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

200000

150000

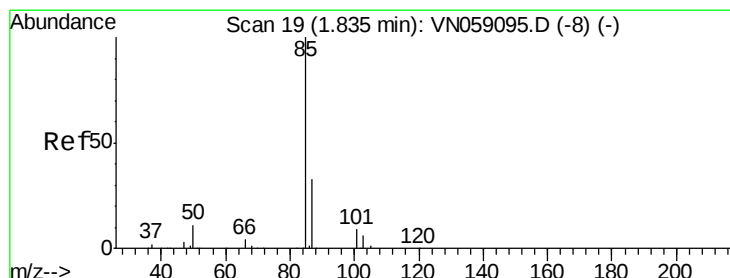
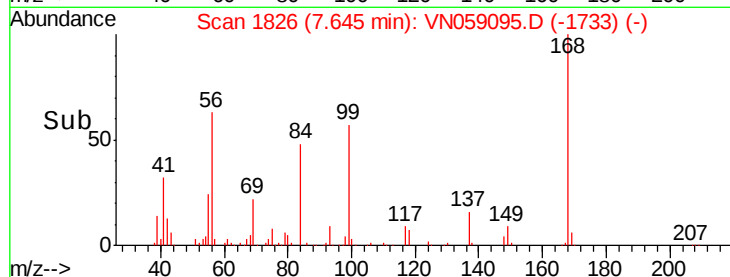
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.081 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059095.D

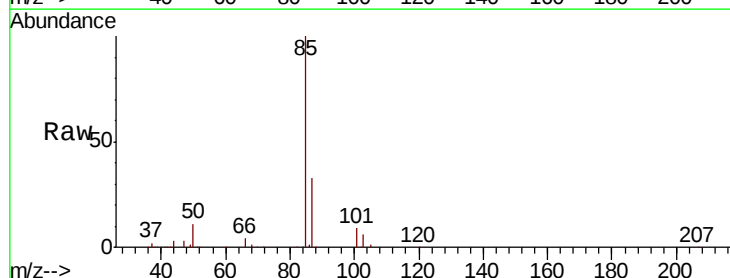
Acq: 6 Nov 2019 10:01

Tgt Ion: 85 Resp: 242739

Ion Ratio Lower Upper

85 100

87 32.6 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

150000

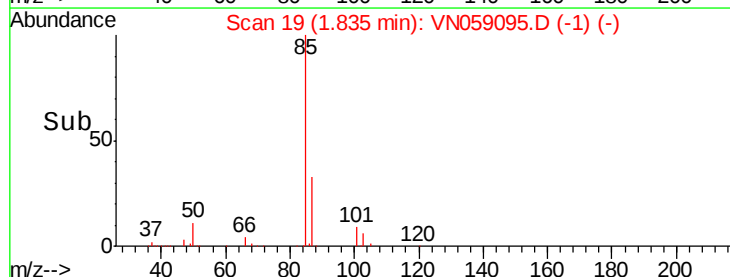
100000

50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 43.937 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

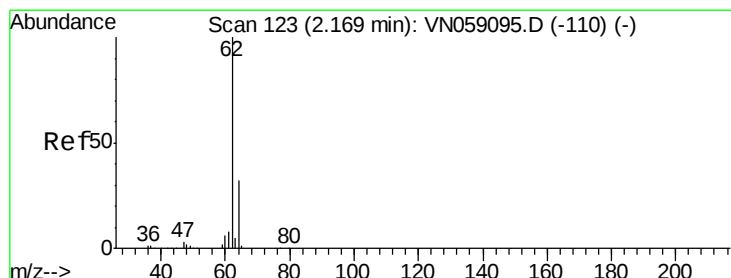
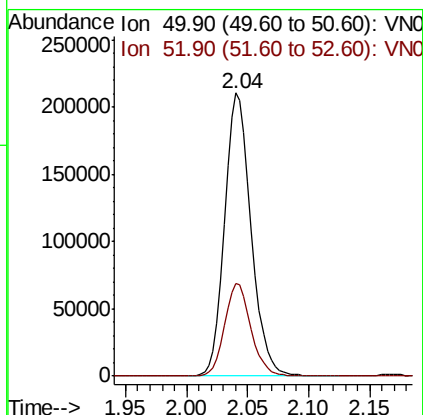
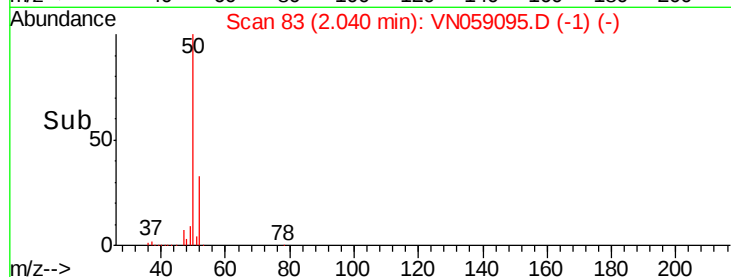
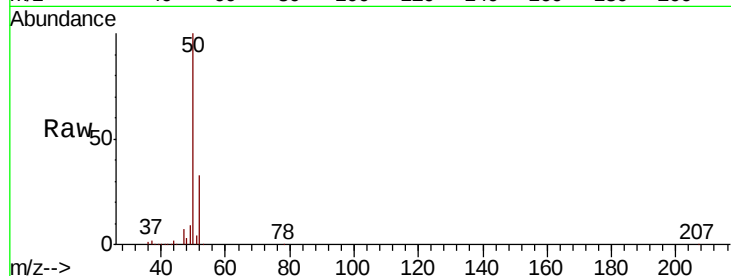
ClientSampleId :

Tot Ion: 50 Resp: 320526

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 44.914 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059095.D

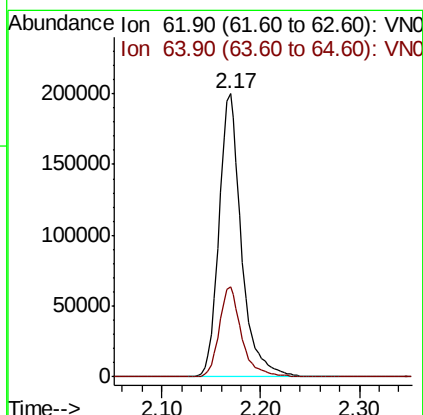
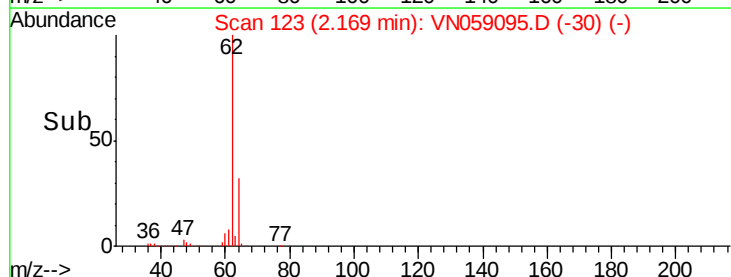
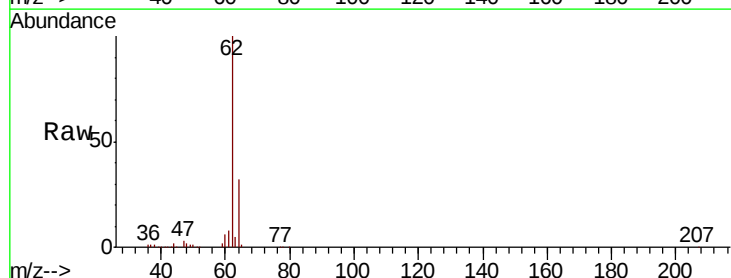
Acq: 6 Nov 2019 10:01

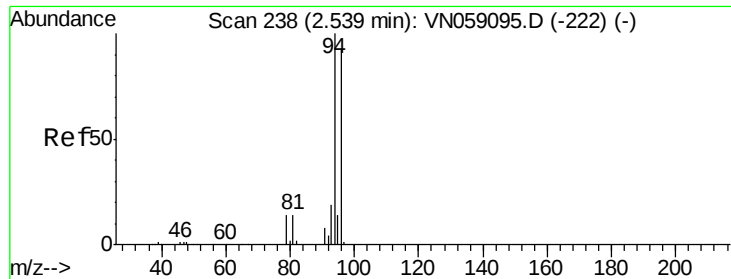
Tgt Ion: 62 Resp: 318466

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 43.632 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

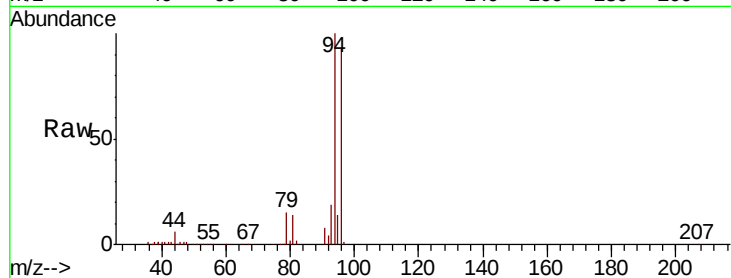
ClientSampled :

Tot Ion: 94 Resp: 182195

Ion Ratio Lower Upper

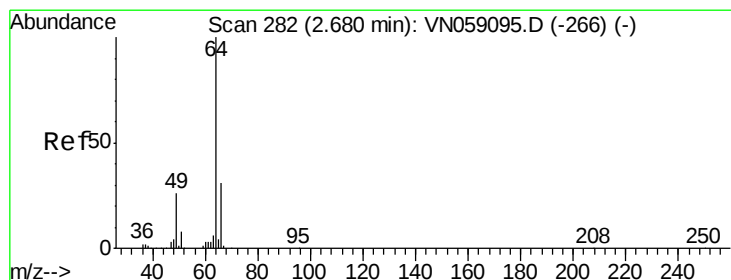
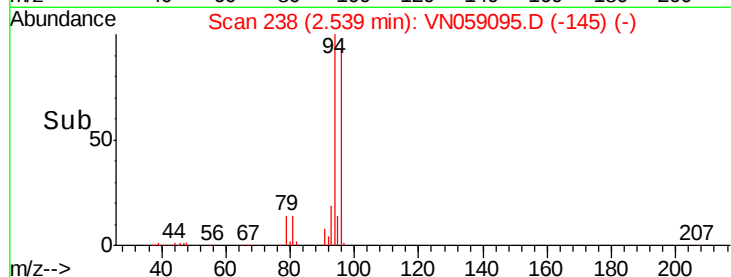
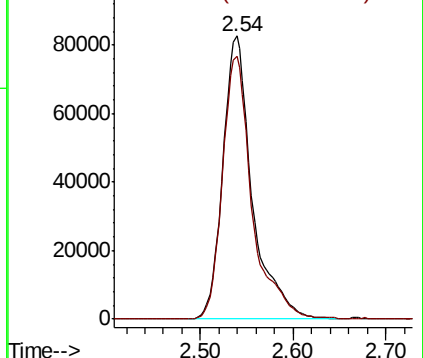
94 100

96 92.7 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 42.914 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN059095.D

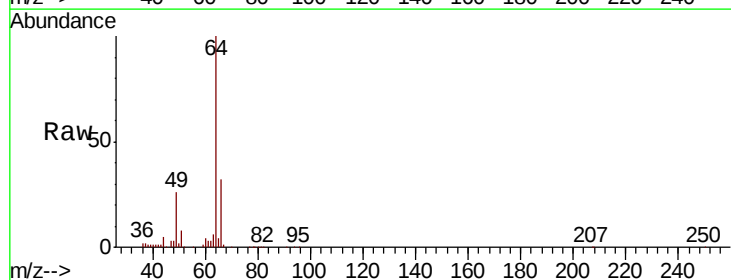
Acq: 6 Nov 2019 10:01

Tgt Ion: 64 Resp: 186343

Ion Ratio Lower Upper

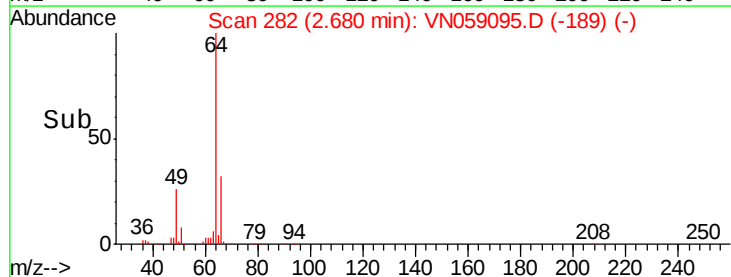
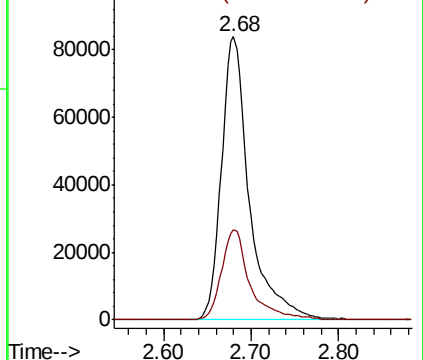
64 100

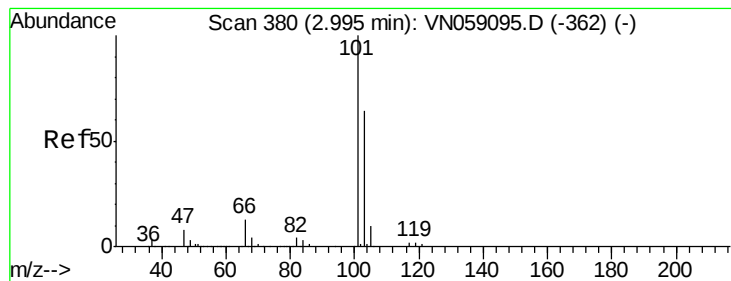
66 31.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 46.151 ug/l

RT: 3.00 min Scan# 380

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

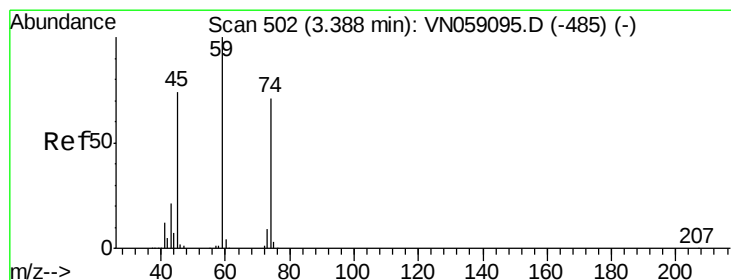
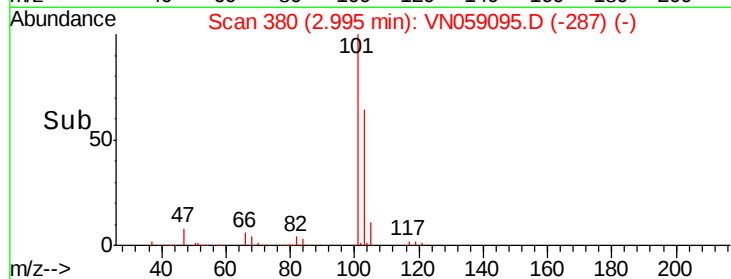
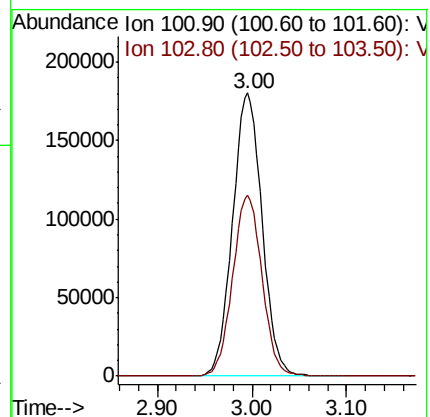
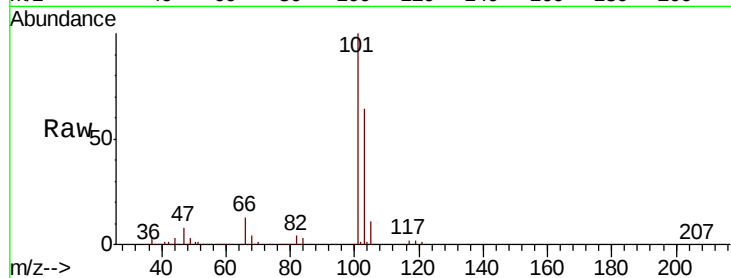
ClientSampled :

Tot Ion:101 Resp: 389838

Ion Ratio Lower Upper

101 100

103 64.0 51.2 76.8



#8

Diethyl Ether

Concen: 48.031 ug/l

RT: 3.39 min Scan# 502

Delta R.T. 0.00 min

Lab File: VN059095.D

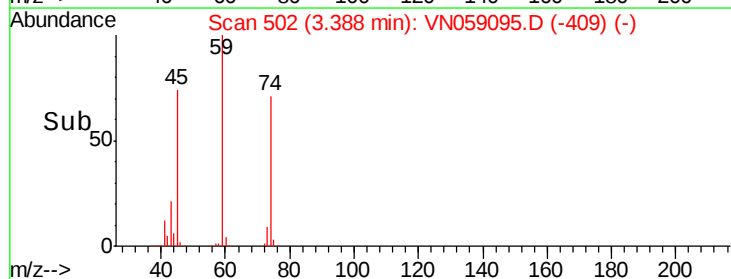
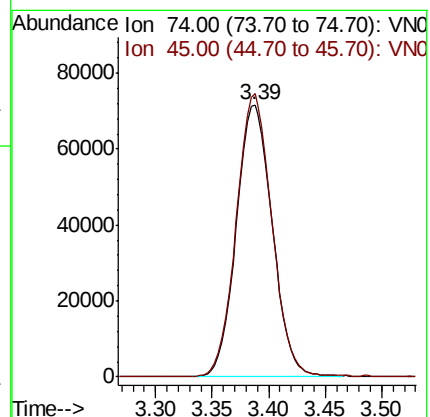
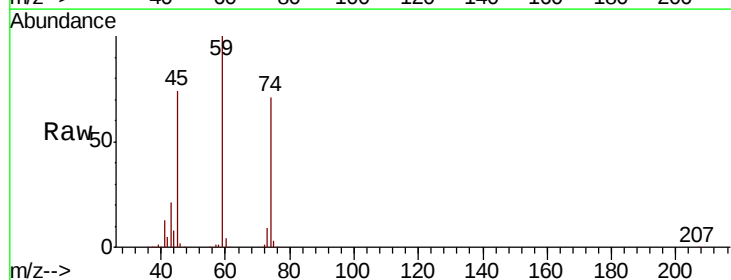
Acq: 6 Nov 2019 10:01

Tgt Ion: 74 Resp: 158967

Ion Ratio Lower Upper

74 100

45 103.3 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.764 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

ClientSampleId :

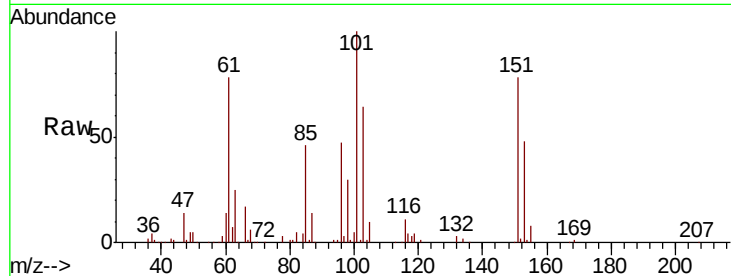
Tot Ion:101 Resp: 233068

Ion Ratio Lower Upper

101 100

85 44.4 35.5 53.3

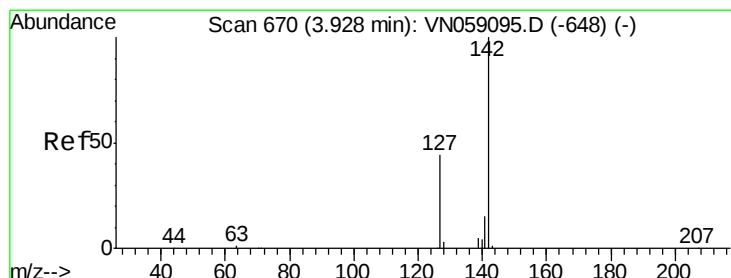
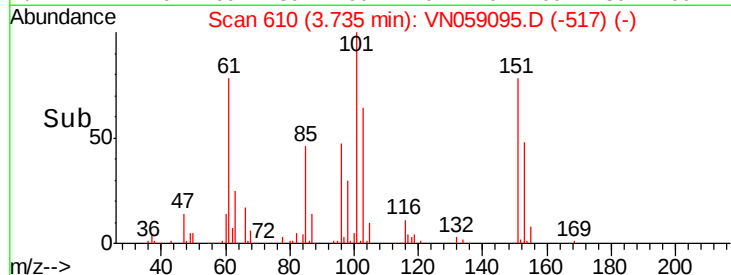
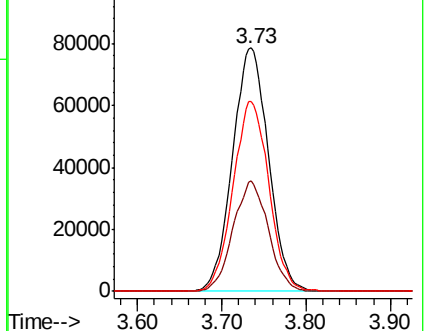
151 77.7 62.2 93.2



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: 49.032 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

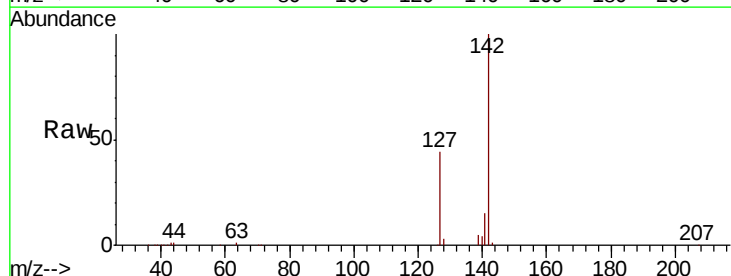
Tgt Ion:142 Resp: 298379

Ion Ratio Lower Upper

142 100

127 42.7 34.2 51.2

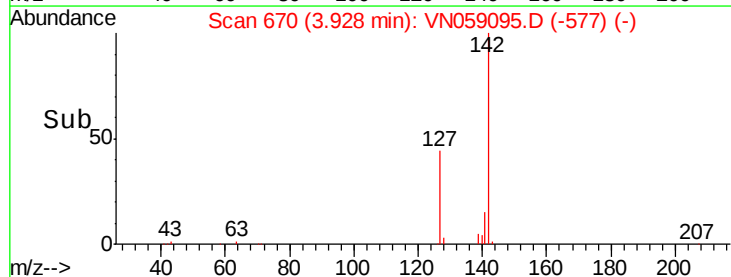
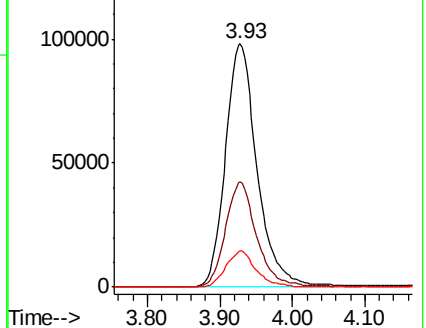
141 14.2 11.4 17.0

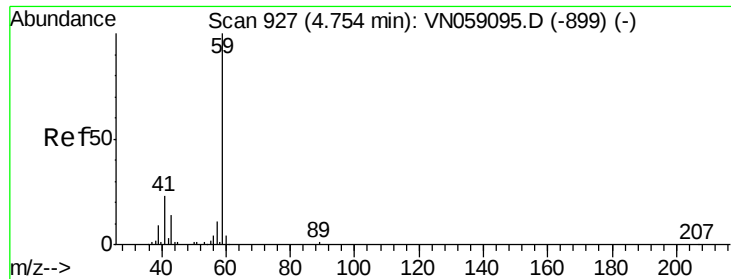


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

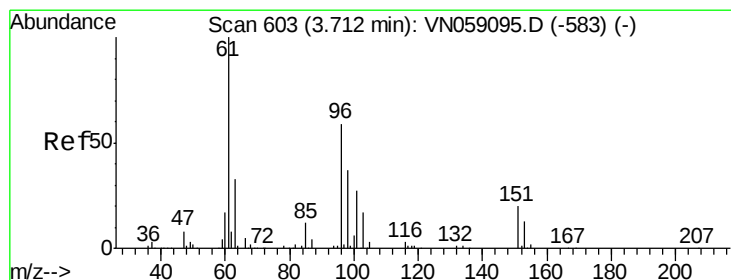
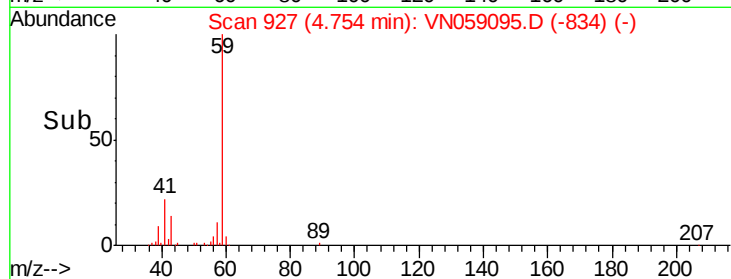
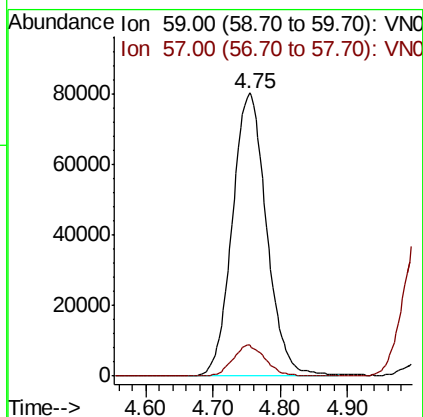
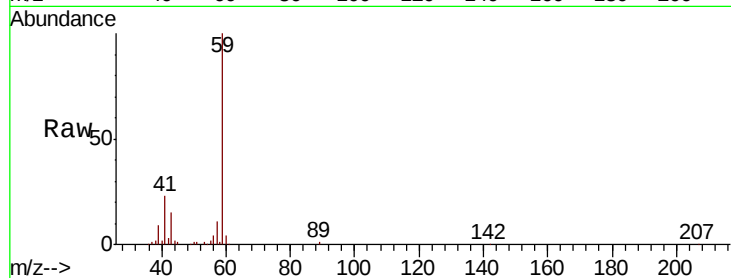




#11  
Tert butyl alcohol  
Concen: 232.279 ug/l  
RT: 4.75 min Scan# 927  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

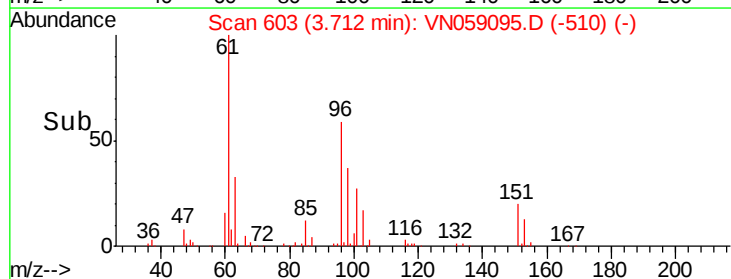
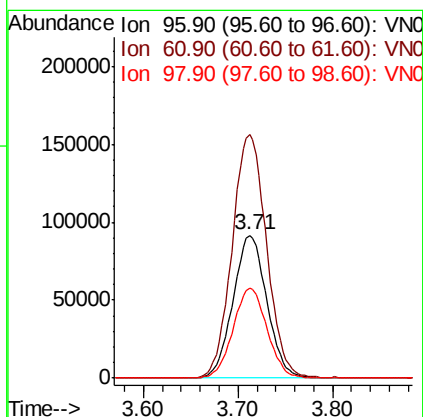
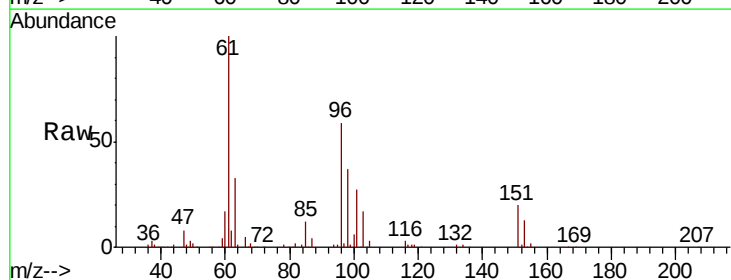
Instrument :  
MSVOA\_N  
ClientSampled :

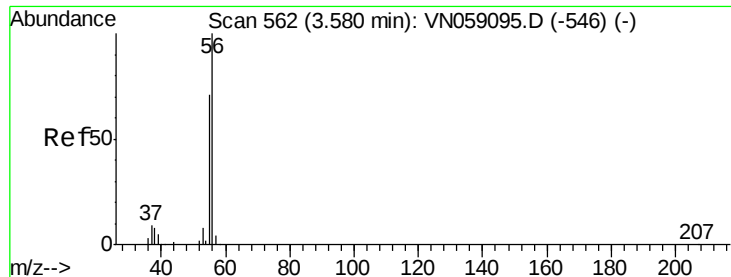
Tot Ion: 59 Resp: 284191  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 45.949 ug/l  
RT: 3.71 min Scan# 603  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

Tgt Ion: 96 Resp: 227595  
Ion Ratio Lower Upper  
96 100  
61 170.6 136.5 204.7  
98 62.8 50.2 75.4





#13

Acrolein

Concen: 199.015 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

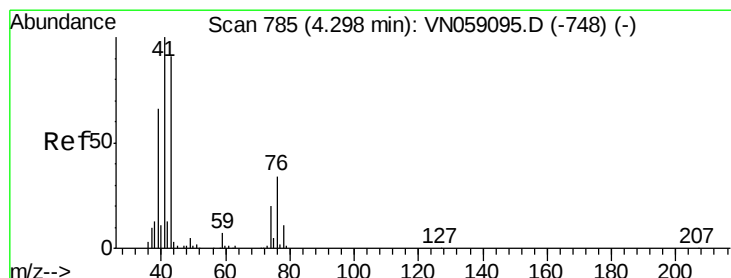
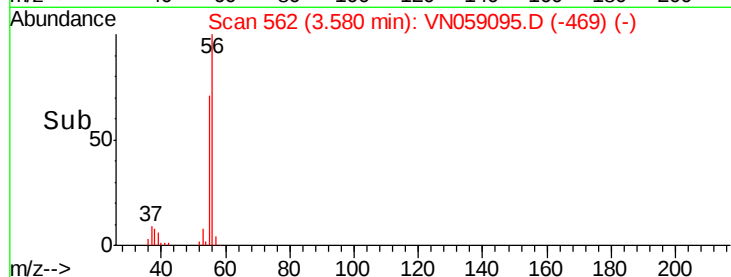
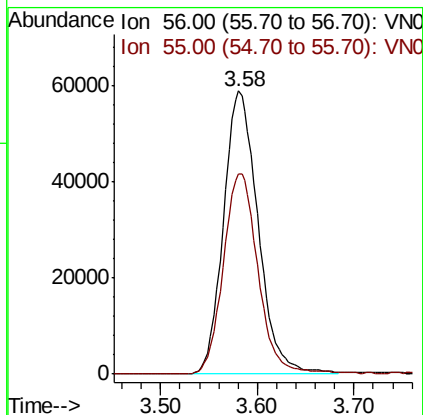
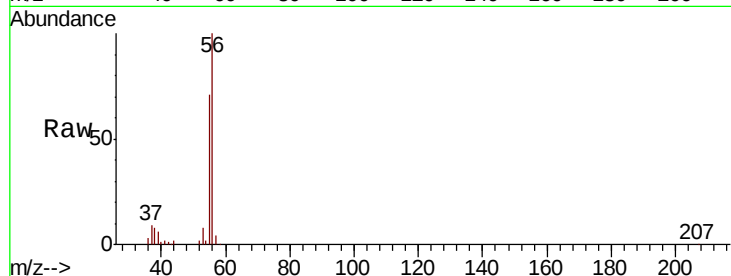
ClientSampleId :

Tot Ion: 56 Resp: 146716

Ion Ratio Lower Upper

56 100

55 70.5 56.4 84.6



#14

Allyl chloride

Concen: 46.985 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

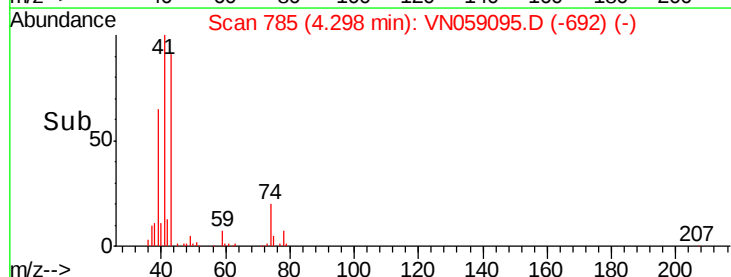
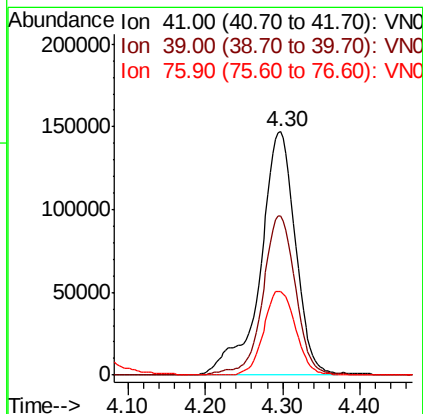
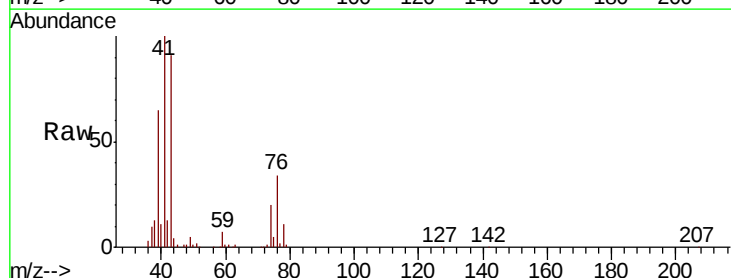
Tgt Ion: 41 Resp: 461136

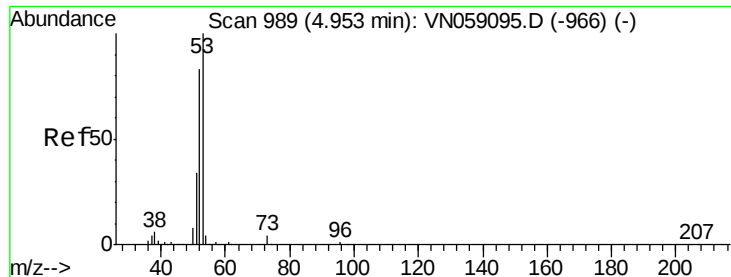
Ion Ratio Lower Upper

41 100

39 61.4 49.1 73.7

76 31.1 24.9 37.3





#15

Acrylonitrile

Concen: 241.661 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

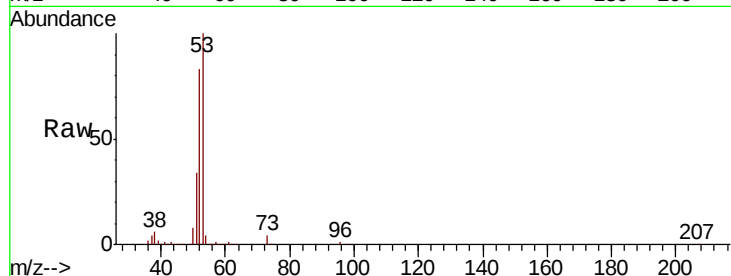
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 53 Resp: 744559

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.3  | 65.0  | 97.6  |
| 51  | 35.0  | 28.0  | 42.0  |

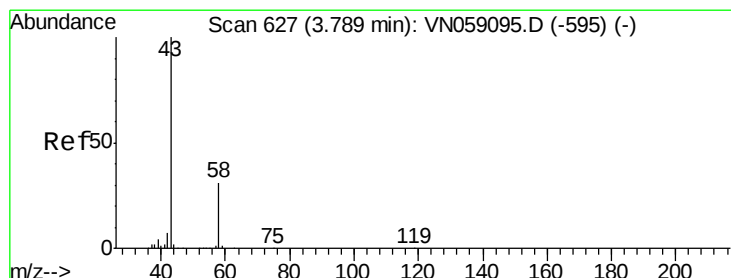
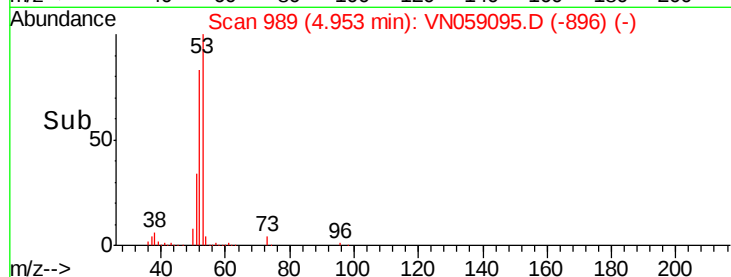
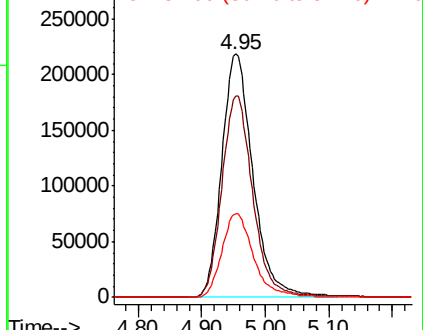


Abundance

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: 252.817 ug/l

RT: 3.79 min Scan# 627

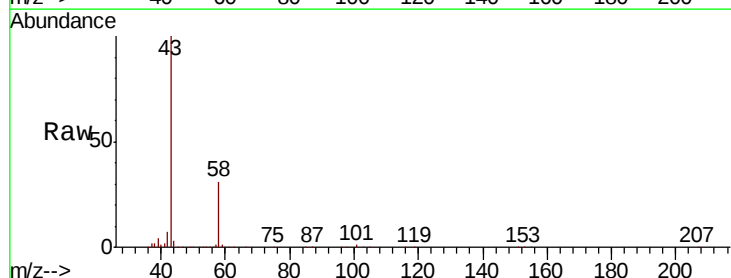
Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Tgt Ion: 43 Resp: 854120

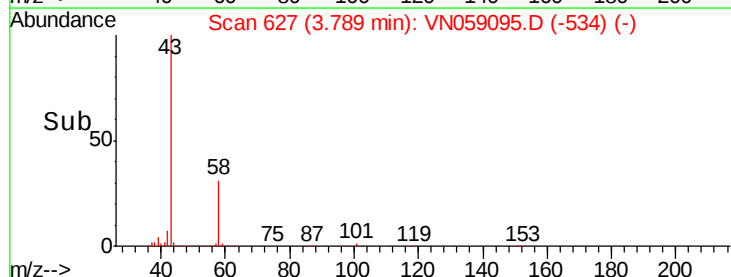
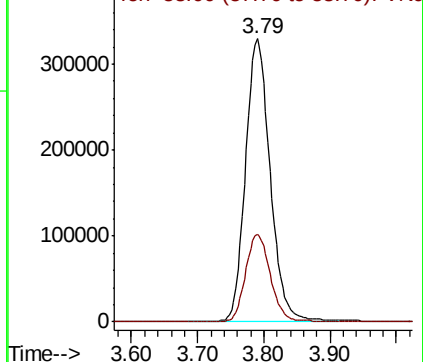
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 31.1  | 24.9  | 37.3  |

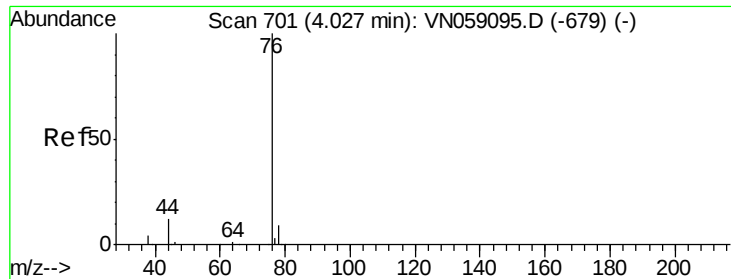


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

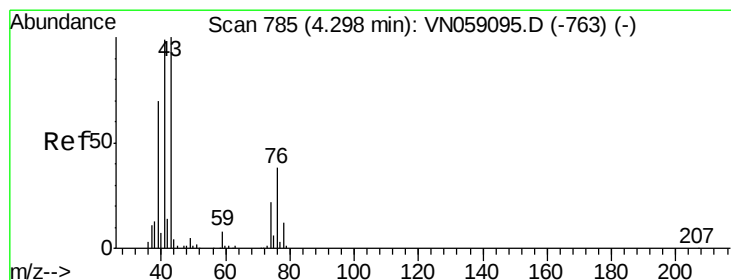
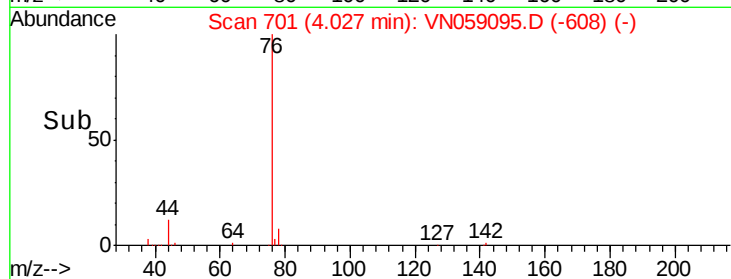
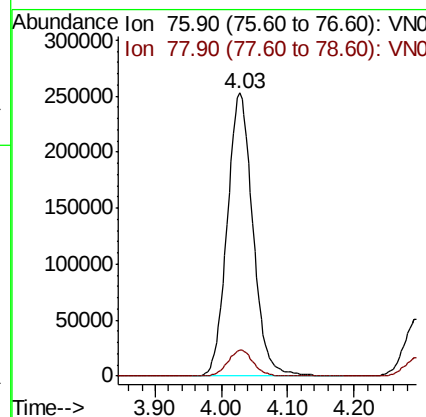
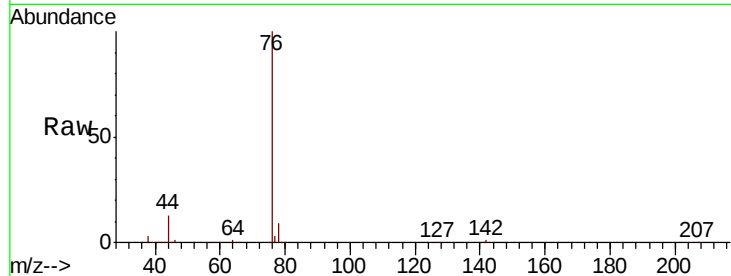




#17  
Carbon Disulfide  
Concen: 43.451 ug/l  
RT: 4.03 min Scan# 701  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

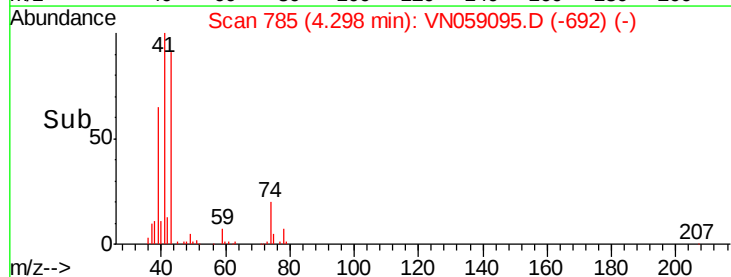
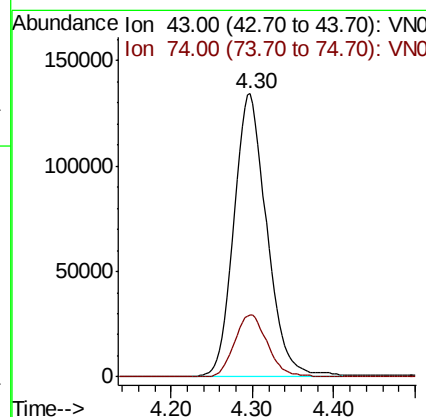
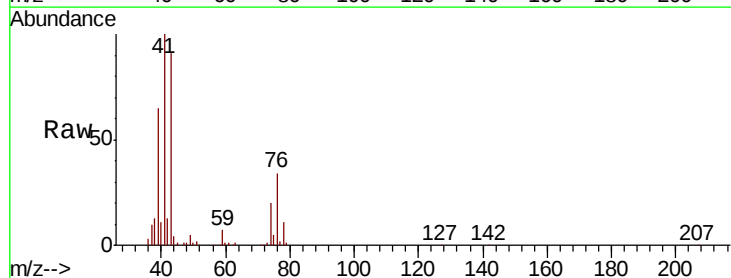
Instrument :  
MSVOA\_N  
ClientSampleId :

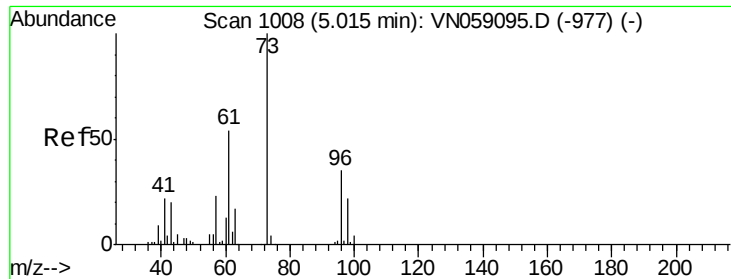
Tot Ion: 76 Resp: 679047  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



#18  
Methyl Acetate  
Concen: 44.100 ug/l  
RT: 4.30 min Scan# 785  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

Tgt Ion: 43 Resp: 375258  
Ion Ratio Lower Upper  
43 100  
74 22.3 17.8 26.8

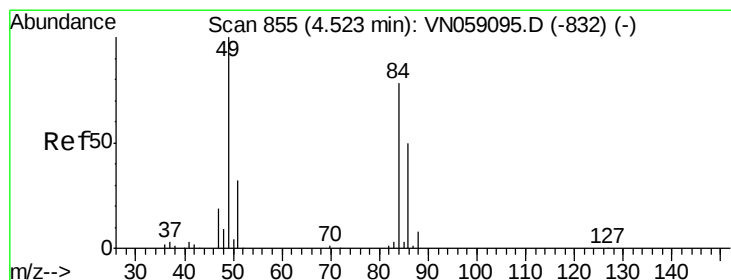
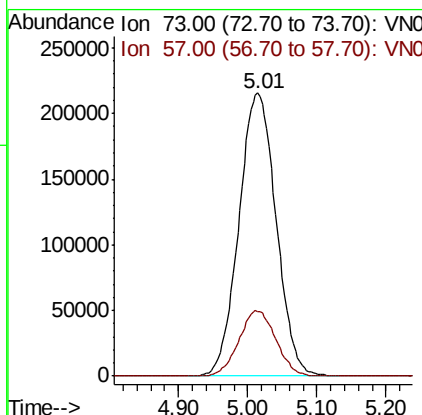
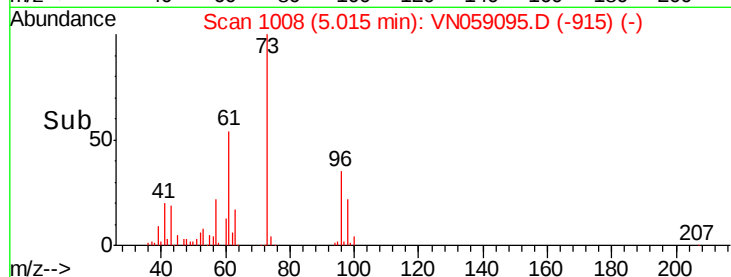
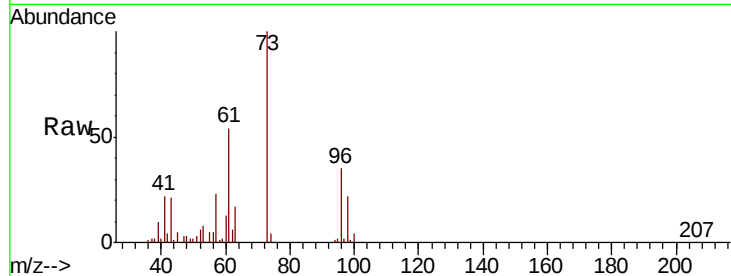




#19  
Methvl tert-butvl Ether  
Concen: 47.607 ug/l  
RT: 5.01 min Scan# 1008  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

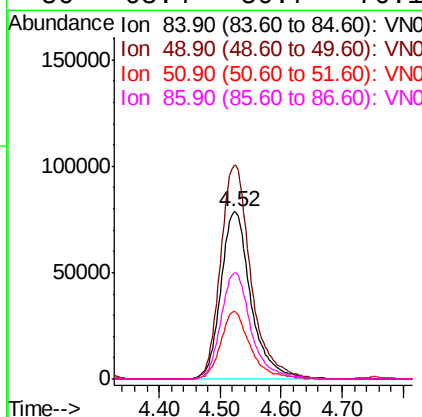
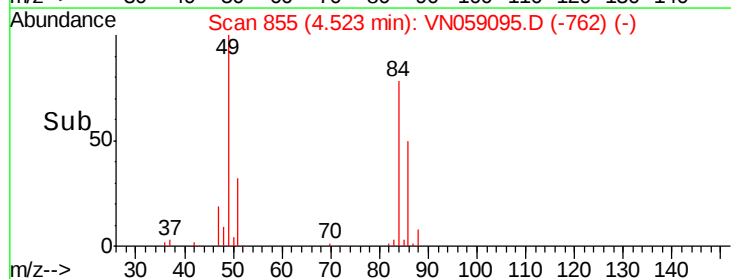
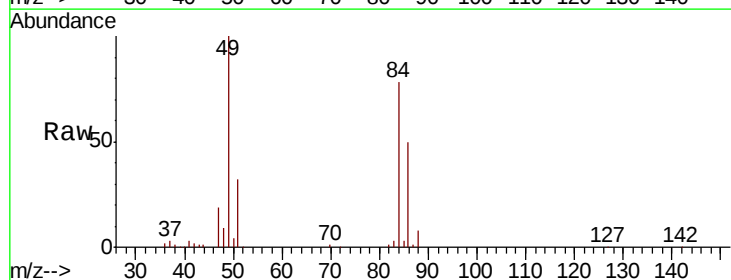
Instrument :  
MSVOA\_N  
ClientSampled :

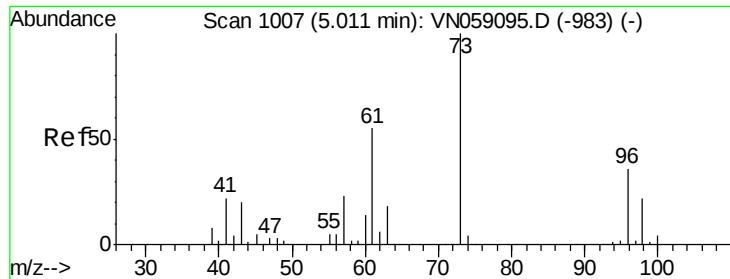
Tot Ion: 73 Resp: 804261  
Ion Ratio Lower Upper  
73 100  
57 23.0 18.4 27.6



#20  
Methylene Chloride  
Concen: 45.641 ug/l  
RT: 4.52 min Scan# 855  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

Tgt Ion: 84 Resp: 268292  
Ion Ratio Lower Upper  
84 100  
49 127.5 102.0 153.0  
51 40.2 32.2 48.2  
86 63.4 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 46.080 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

ClientSampleId :

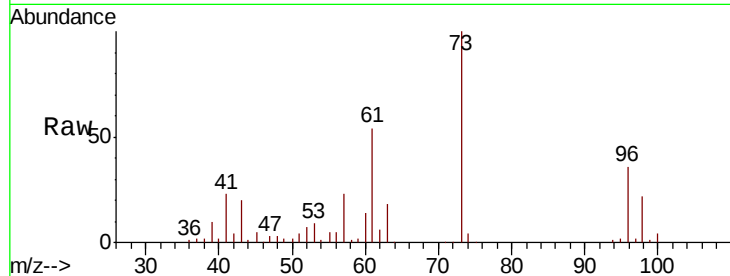
Tot Ion: 96 Resp: 244729

Ion Ratio Lower Upper

96 100

61 153.2 122.6 183.8

98 62.9 50.3 75.5

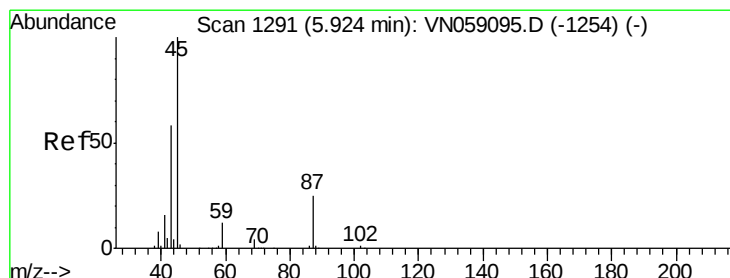
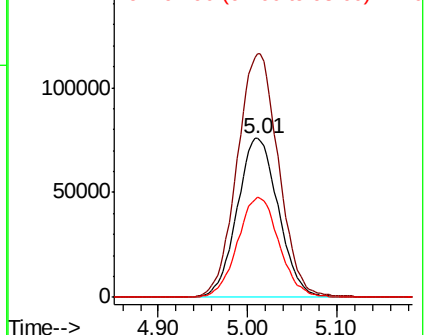
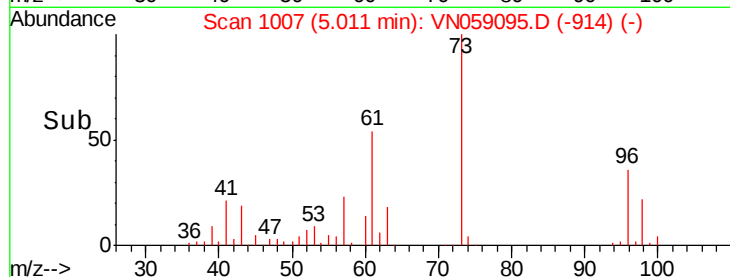


Abundance

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: 48.598 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Tgt Ion: 45 Resp: 909261

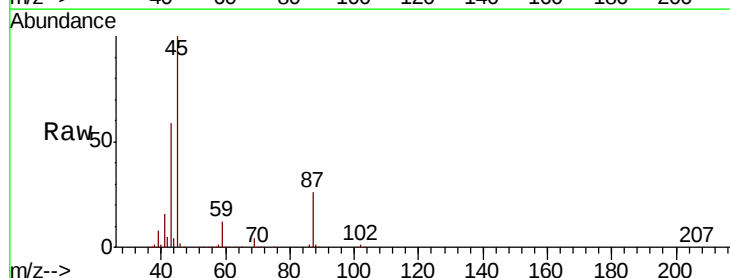
Ion Ratio Lower Upper

45 100

43 58.4 46.7 70.1

87 25.6 20.5 30.7

59 12.0 9.6 14.4



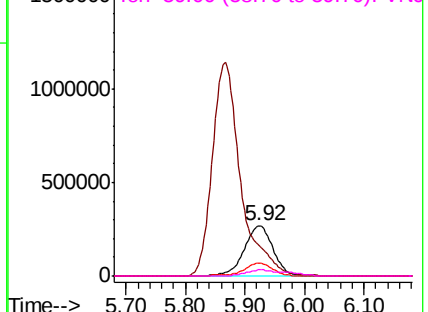
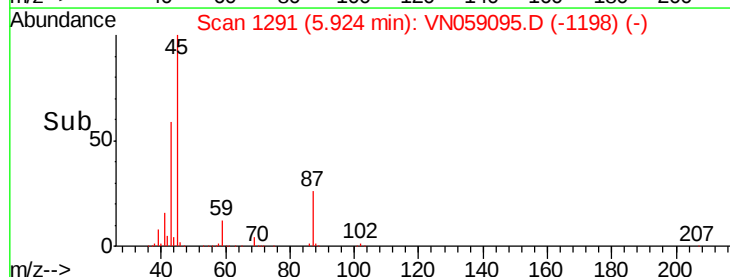
Abundance

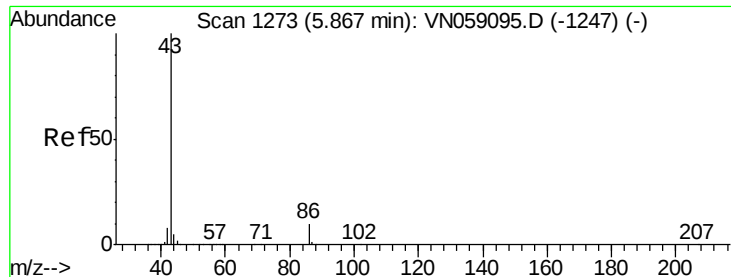
Ion 45.00 (44.70 to 45.70): VN0

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: 254.237 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

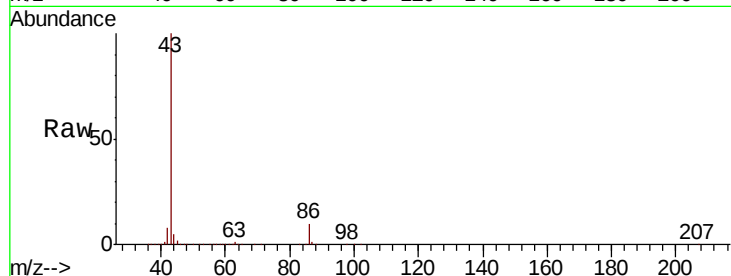
ClientSampleId :

Tot Ion: 43 Resp: 3779296

Ion Ratio Lower Upper

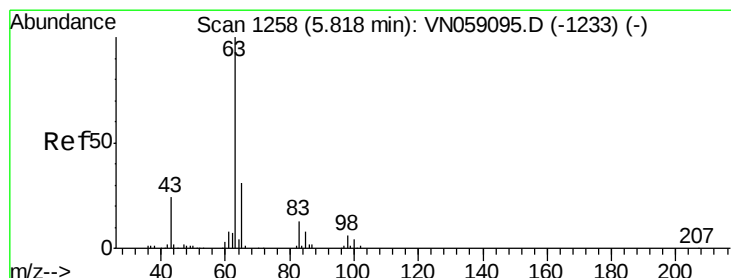
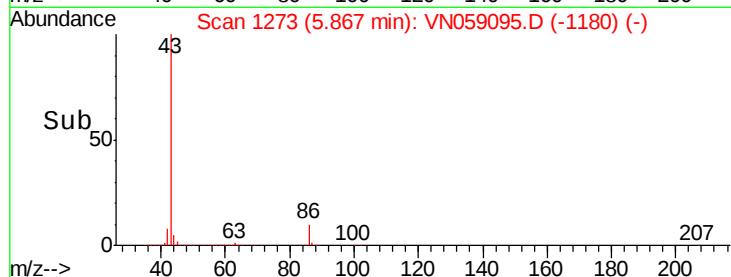
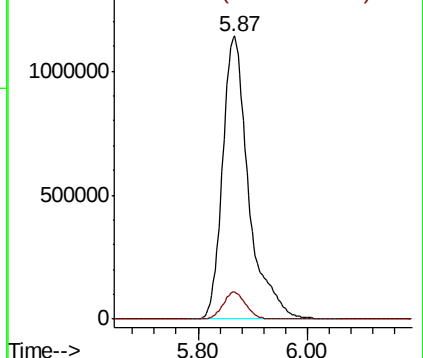
43 100

86 9.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 46.393 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

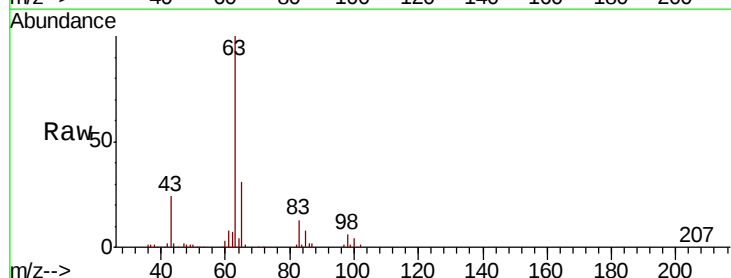
Tgt Ion: 63 Resp: 496647

Ion Ratio Lower Upper

63 100

98 5.6 2.8 8.4

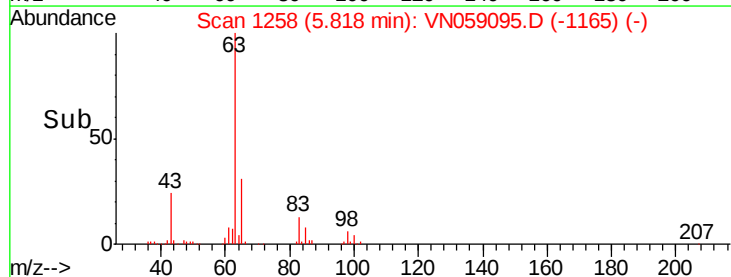
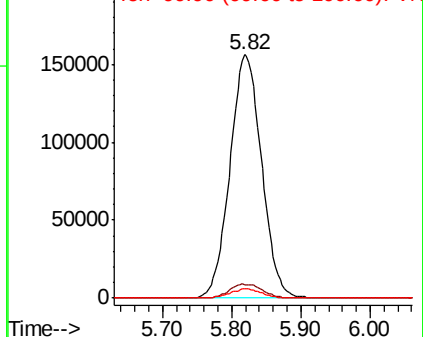
100 3.8 1.9 5.7



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

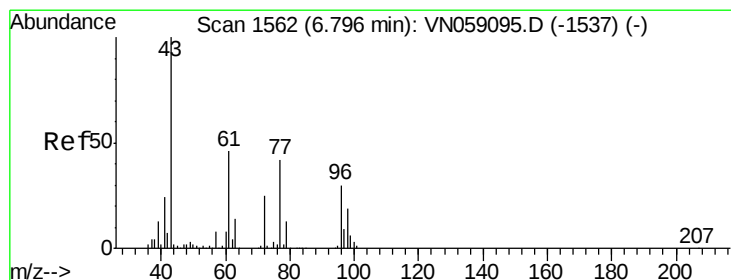
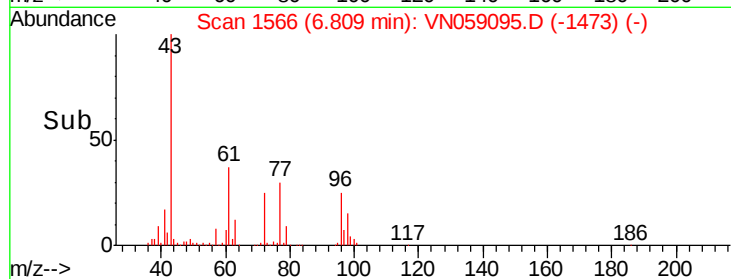
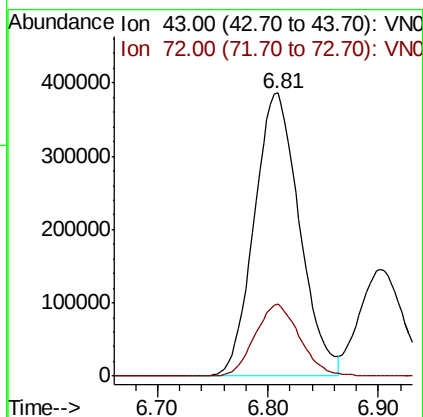
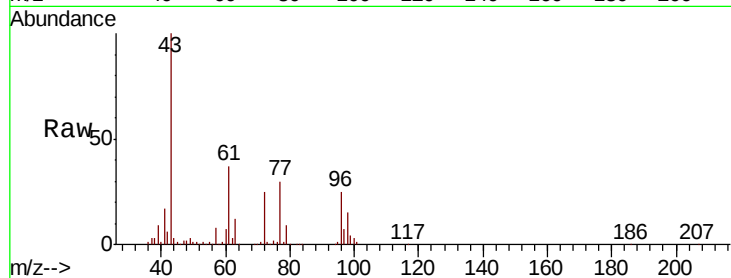




#25  
2-Butanone  
Concen: 245.355 ug/l  
RT: 6.81 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

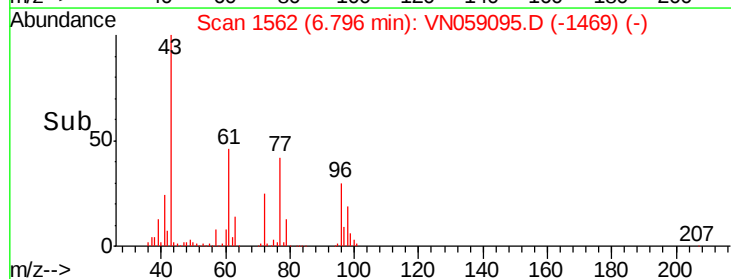
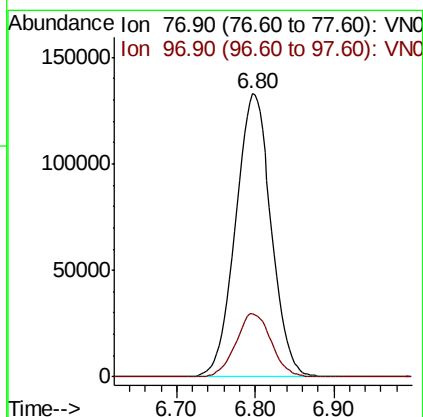
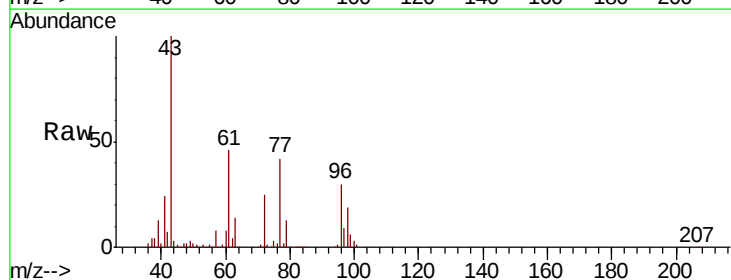
Instrument :  
MSVOA\_N  
ClientSampled :

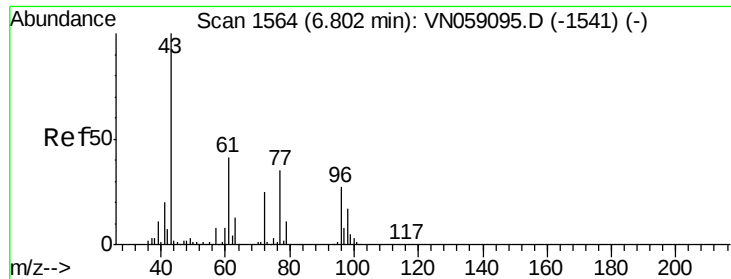
Tot Ion: 43 Resp: 1096182  
Ion Ratio Lower Upper  
43 100  
72 25.4 20.3 30.5



#26  
2,2-Dichloropropane  
Concen: 45.401 ug/l  
RT: 6.80 min Scan# 1562  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

Tgt Ion: 77 Resp: 421181  
Ion Ratio Lower Upper  
77 100  
97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 47.801 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

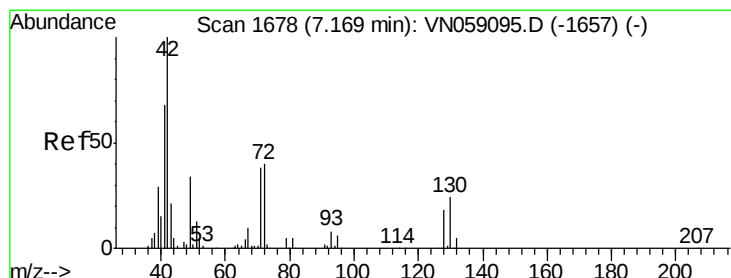
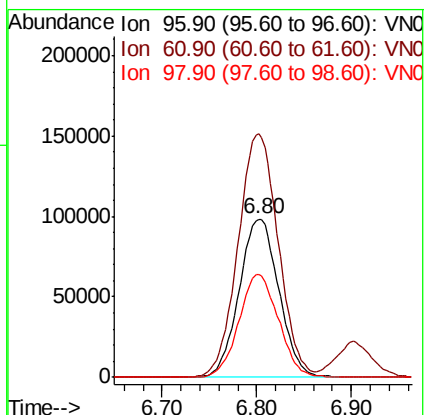
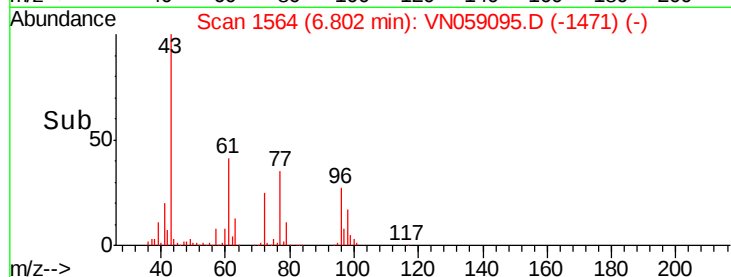
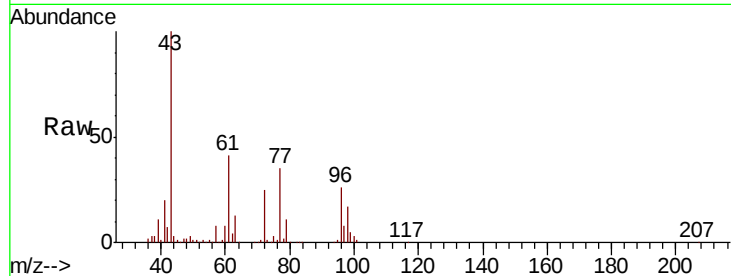
Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 96 Resp: 286934

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 155.8 | 0.0   | 311.6 |
| 98  | 64.9  | 0.0   | 129.8 |



#28

Bromochloromethane

Concen: 44.601 ug/l

RT: 7.17 min Scan# 1678

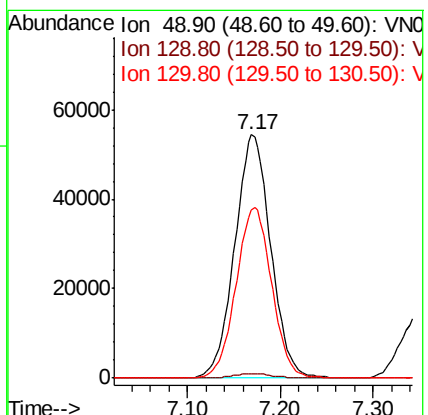
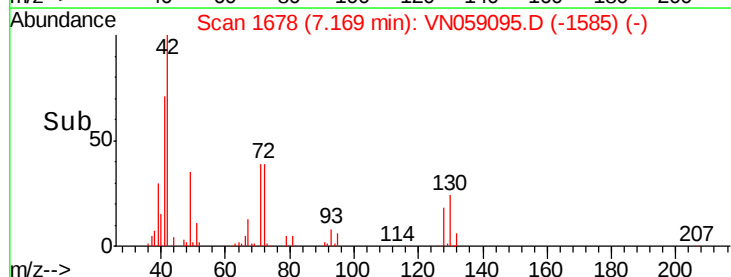
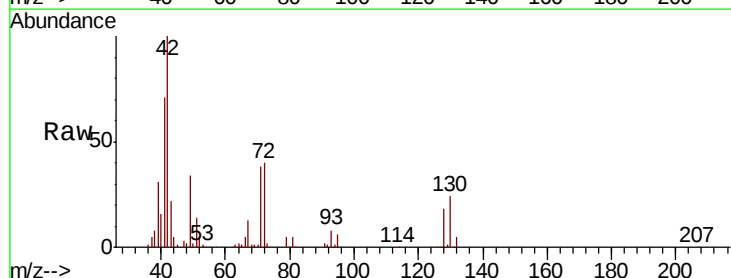
Delta R.T. 0.00 min

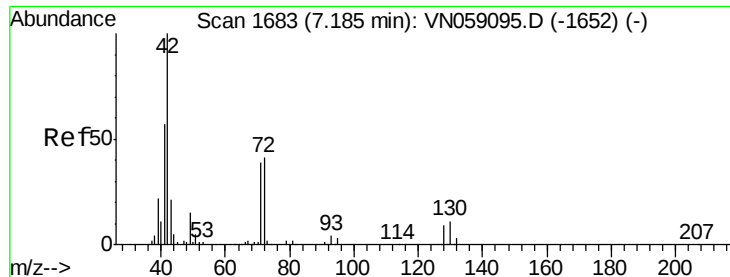
Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Tgt Ion: 49 Resp: 146369

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.9   | 0.0   | 3.8   |
| 130 | 69.5  | 55.6  | 83.4  |





#29

Tetrahydrofuran

Concen: 241.800 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

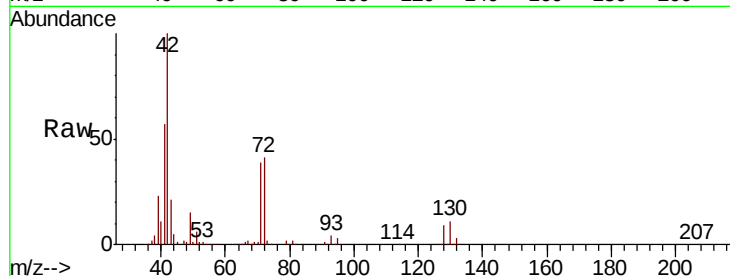
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 42 Resp: 681197

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 41.4  | 33.1  | 49.7  |
| 71  | 38.6  | 30.9  | 46.3  |

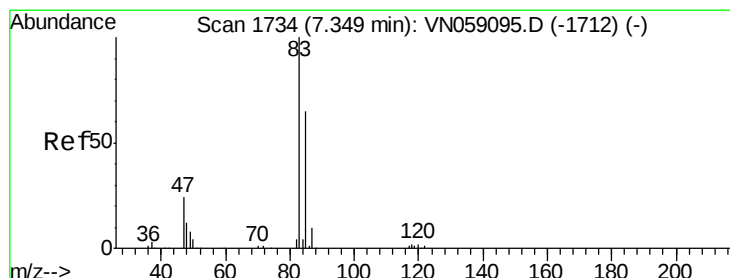
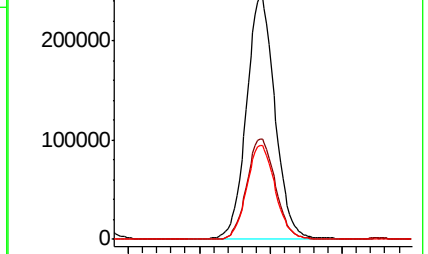
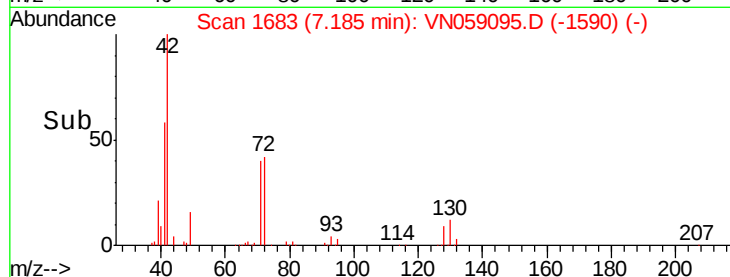


Abundance

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: 46.017 ug/l

RT: 7.35 min Scan# 1734

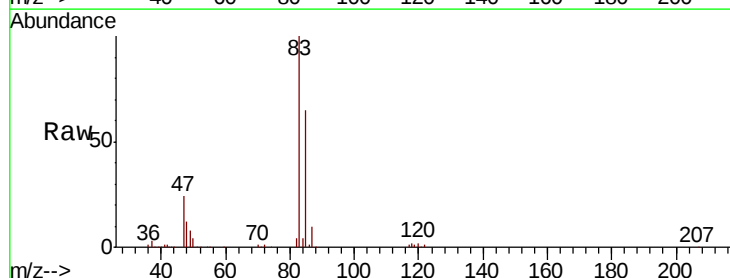
Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Tgt Ion: 83 Resp: 470814

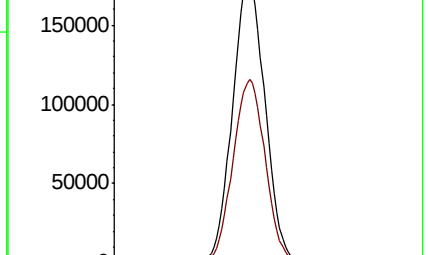
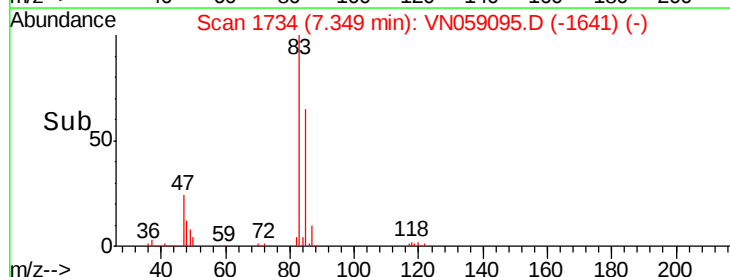
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.8  | 51.8  | 77.8  |

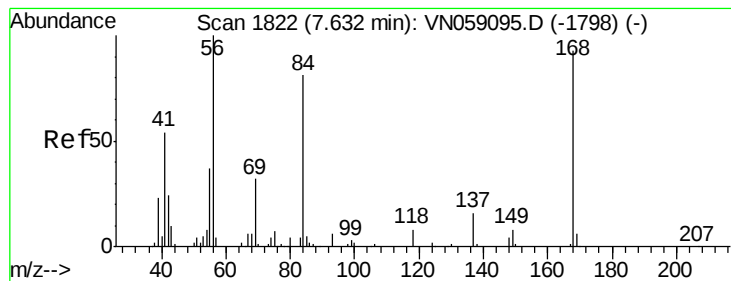


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 44.961 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :  
MSVOA\_N  
ClientSampled :

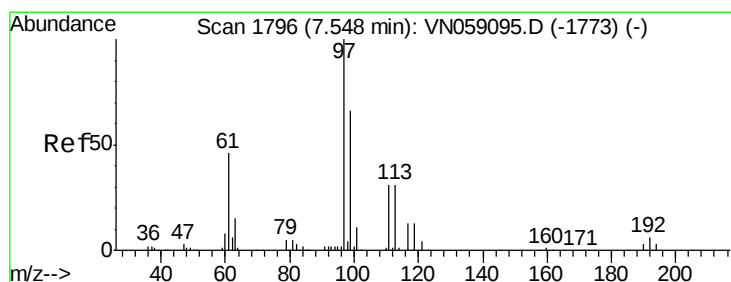
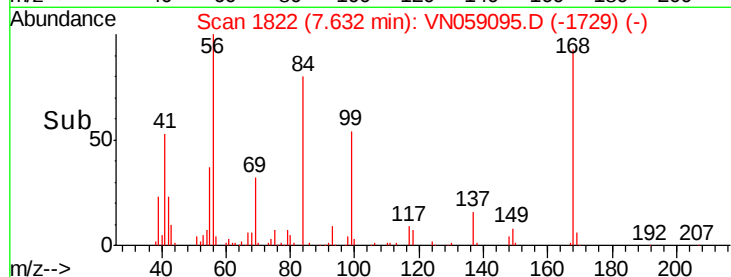
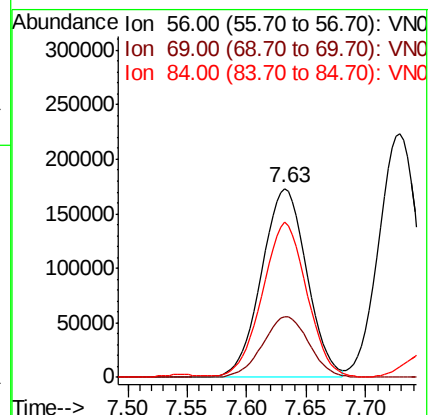
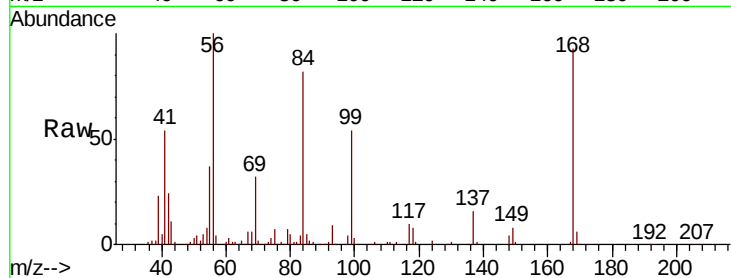
Tot Ion: 56 Resp: 457129

Ion Ratio Lower Upper

56 100

69 32.3 25.8 38.8

84 81.2 65.0 97.4



#32

1,1,1-Trichloroethane

Concen: 47.065 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

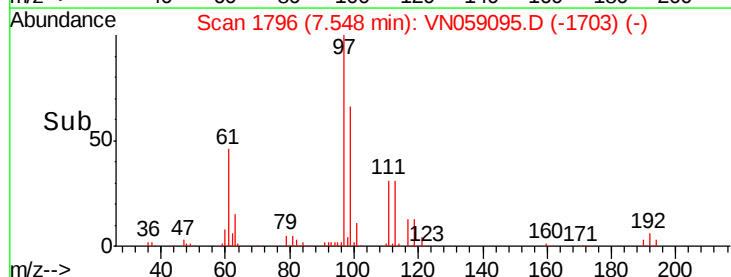
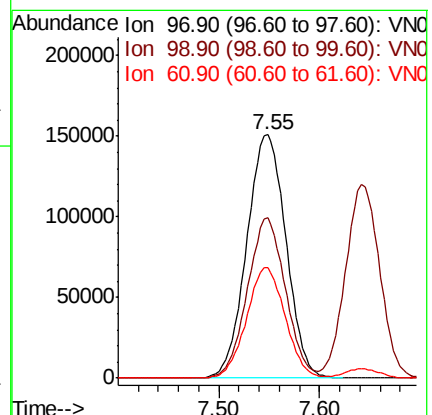
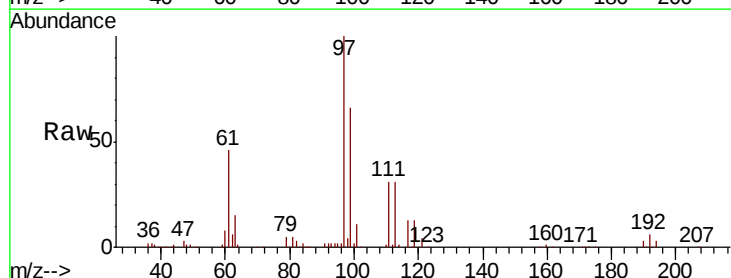
Tgt Ion: 97 Resp: 407324

Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.6

61 44.8 35.8 53.8

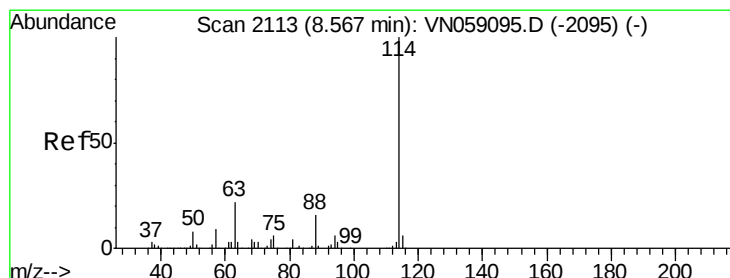
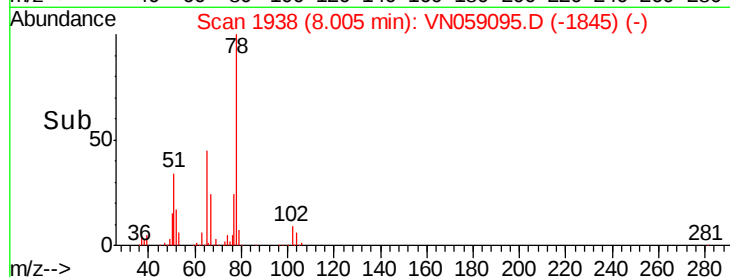
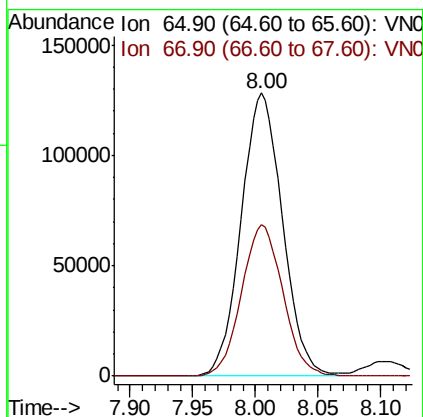
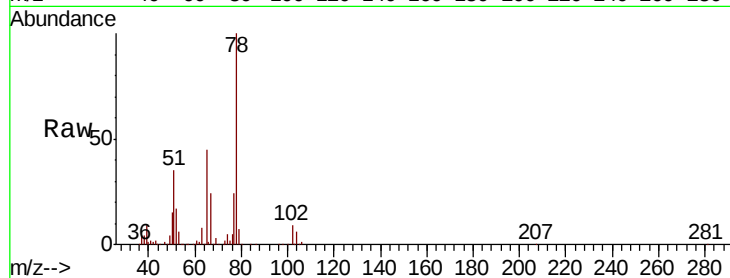




#33  
 1,2-Dichloroethane-d4  
 Concen: 45.255 ug/l  
 RT: 8.00 min Scan# 1938  
 Delta R.T. 0.00 min  
 Lab File: VN059095.D  
 Acq: 6 Nov 2019 10:01

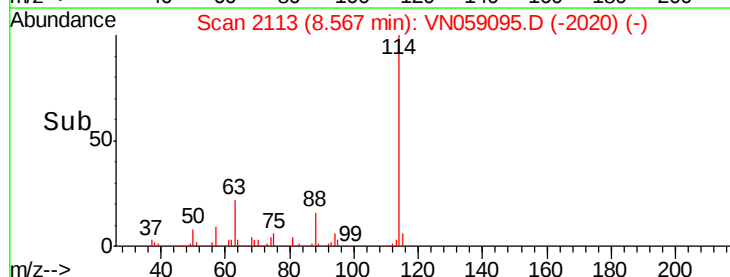
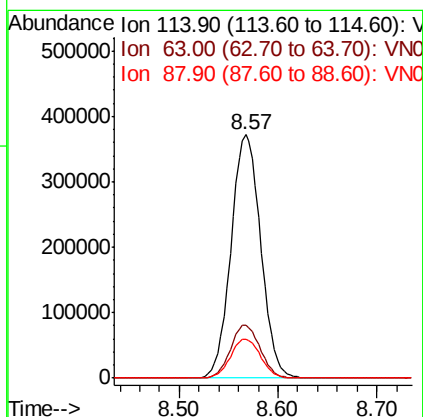
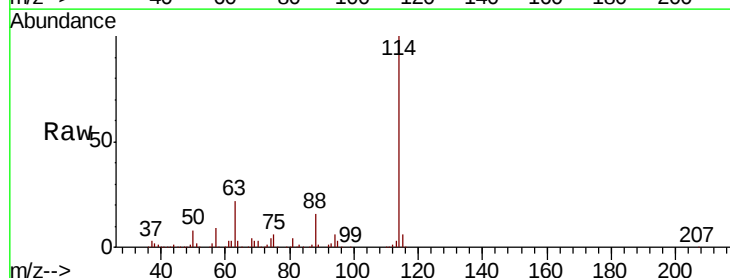
Instrument :  
 MSVOA\_N  
 ClientSampled :

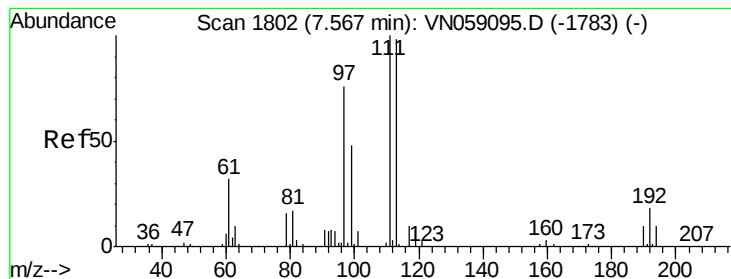
Tot Ion: 65 Resp: 294155  
 Ion Ratio Lower Upper  
 65 100  
 67 53.7 0.0 107.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VN059095.D  
 Acq: 6 Nov 2019 10:01

Tgt Ion: 114 Resp: 780819  
 Ion Ratio Lower Upper  
 114 100  
 63 21.7 0.0 43.4  
 88 16.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 45.986 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :  
MSVOA\_N  
ClientSampleId :

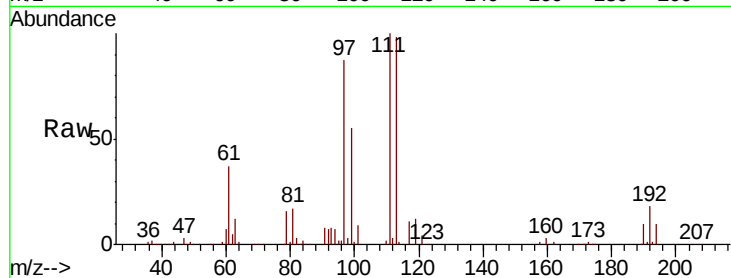
Tot Ion:113 Resp: 226969

Ion Ratio Lower Upper

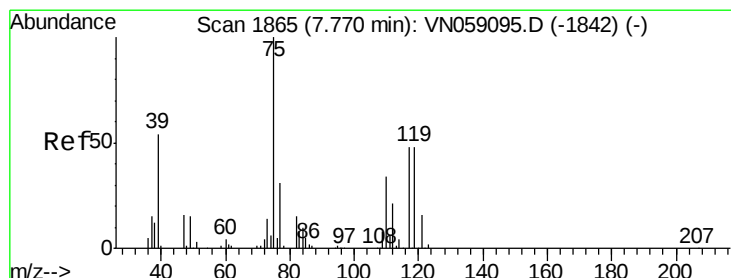
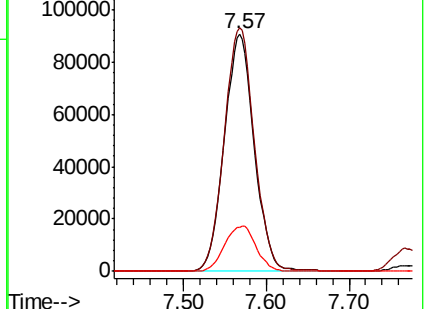
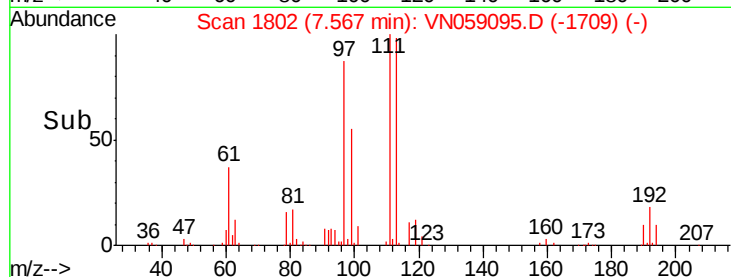
113 100

111 103.5 82.8 124.2

192 20.1 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: 46.851 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

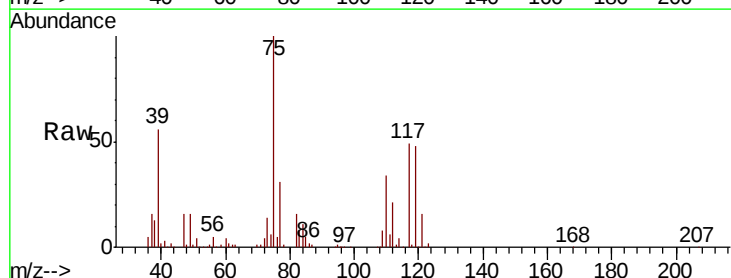
Tgt Ion: 75 Resp: 361775

Ion Ratio Lower Upper

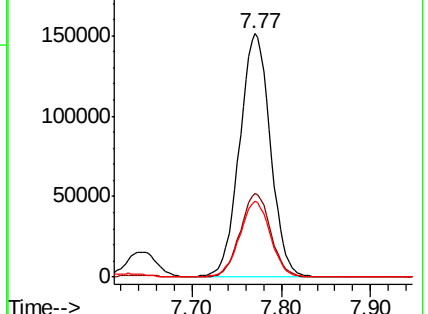
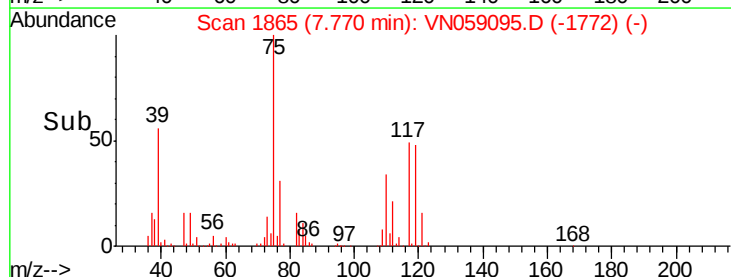
75 100

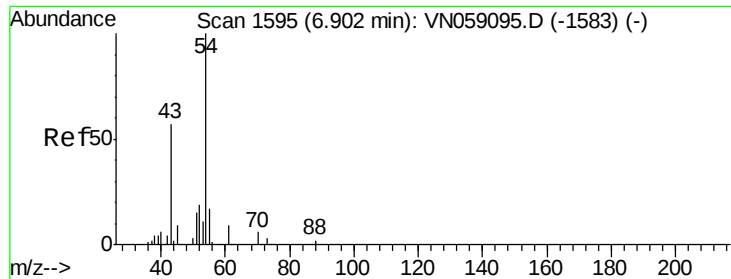
110 34.1 17.1 51.2

77 31.0 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): V  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.90 (76.60 to 77.60): V

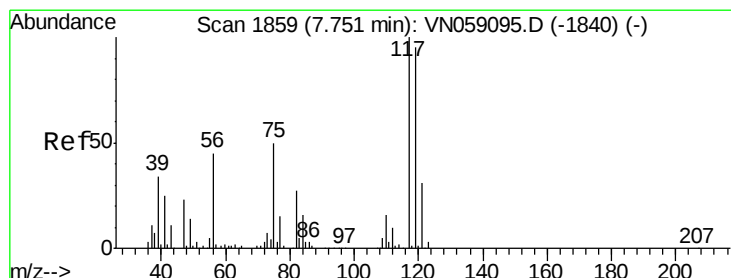
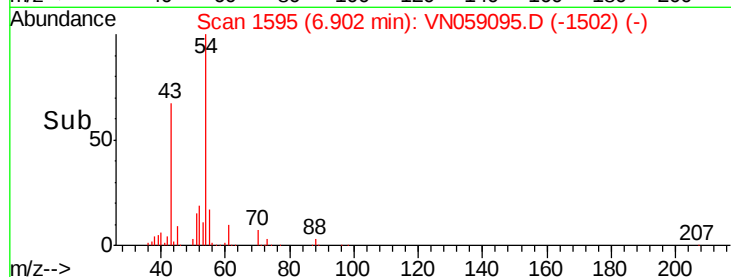
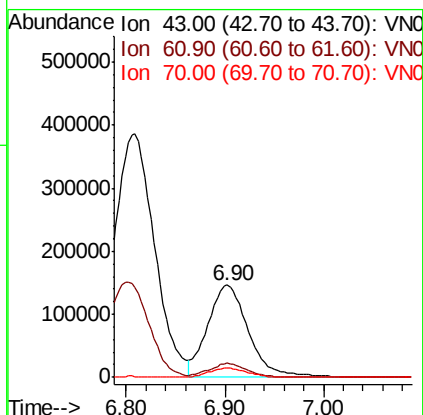
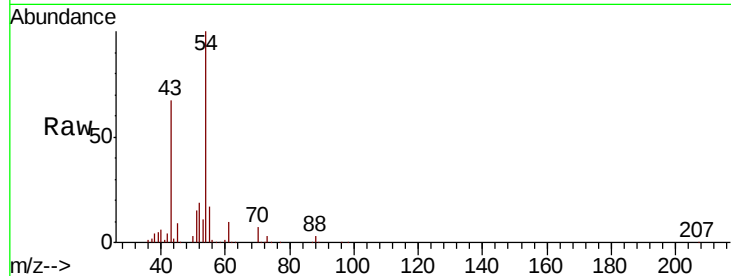




#37  
Ethyl Acetate  
Concen: 48.136 ug/l  
RT: 6.90 min Scan# 1595  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

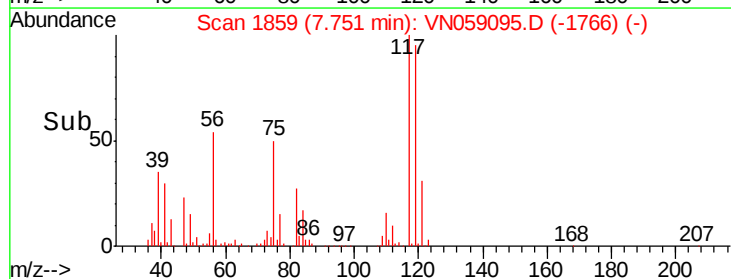
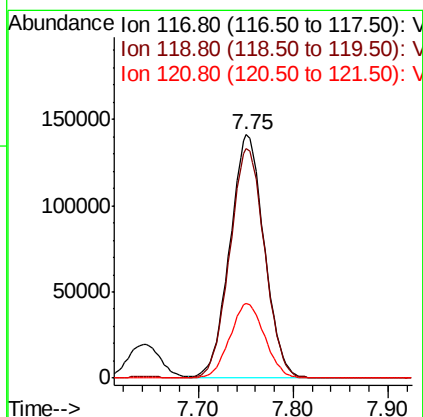
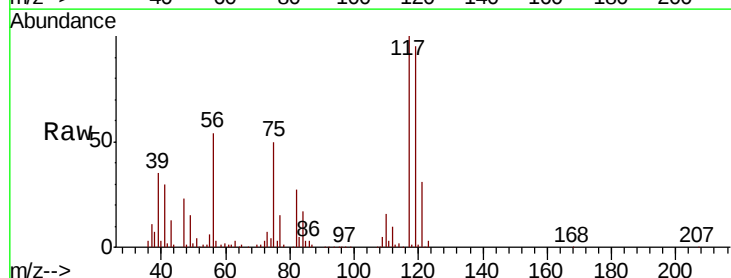
Instrument :  
MSVOA\_N  
ClientSampled :

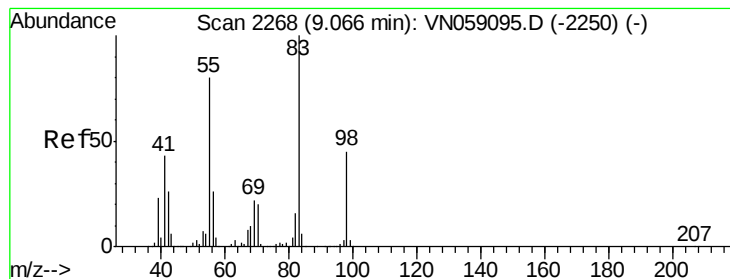
Tot Ion: 43 Resp: 413563  
Ion Ratio Lower Upper  
43 100  
61 14.0 11.2 16.8  
70 9.8 7.8 11.8



#38  
Carbon Tetrachloride  
Concen: 47.411 ug/l  
RT: 7.75 min Scan# 1859  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

Tgt Ion: 117 Resp: 357171  
Ion Ratio Lower Upper  
117 100  
119 94.5 75.6 113.4  
121 30.7 24.6 36.8





#39

Methvlcvclohexane

Concen: 48.558 ug/l

RT: 9.07 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

ClientSampled :

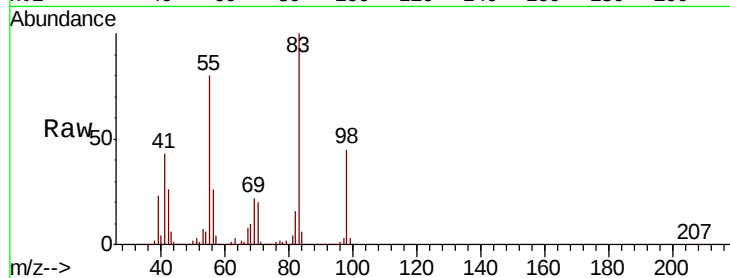
Tot Ion: 83 Resp: 432147

Ion Ratio Lower Upper

83 100

55 79.9 63.9 95.9

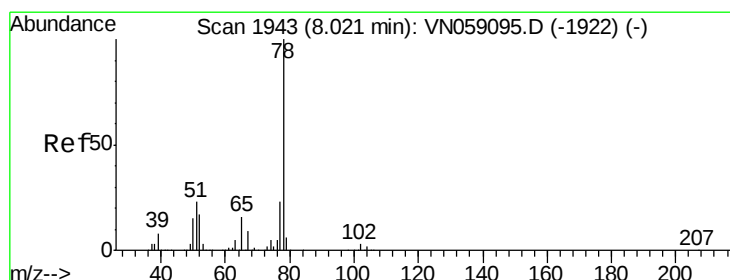
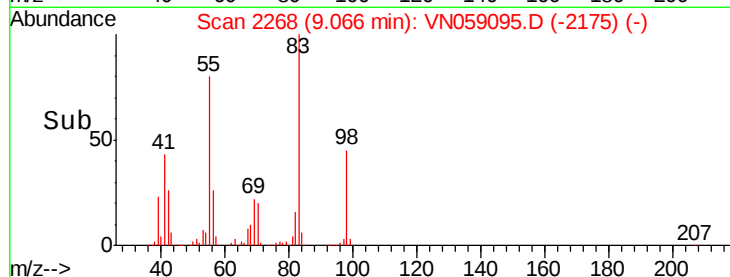
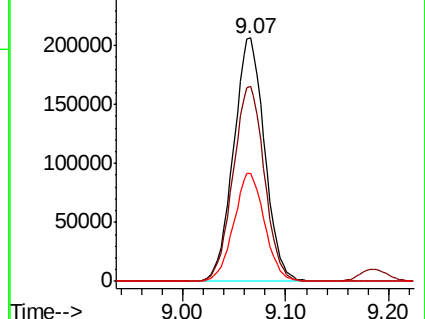
98 44.5 35.6 53.4



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 47.744 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN059095.D

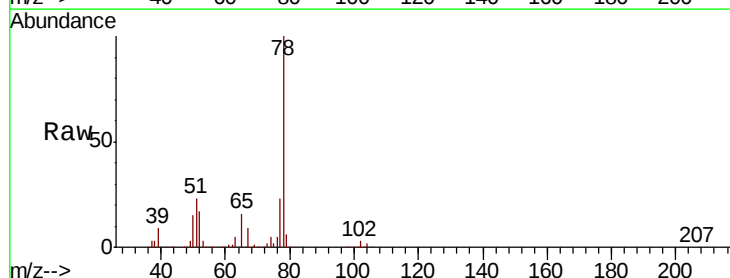
Acq: 6 Nov 2019 10:01

Tgt Ion: 78 Resp: 1096973

Ion Ratio Lower Upper

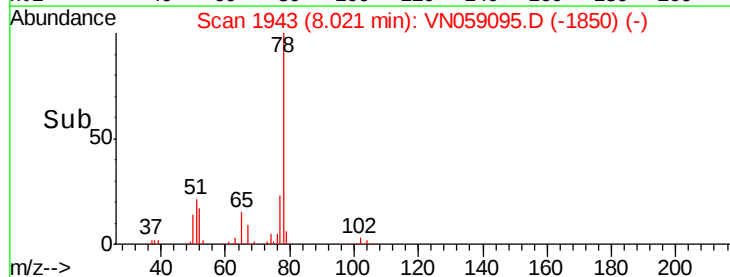
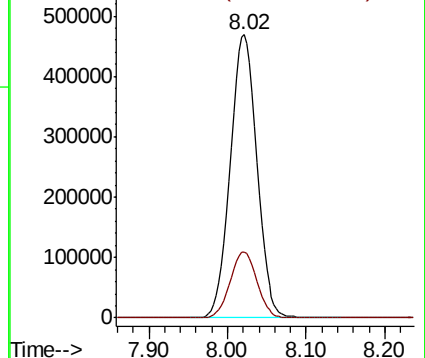
78 100

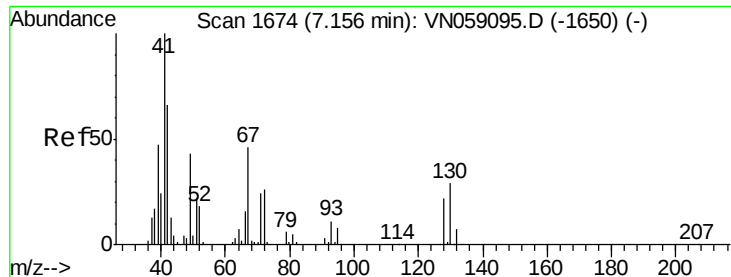
77 23.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

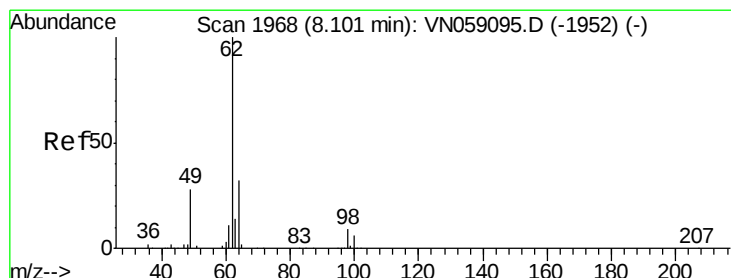
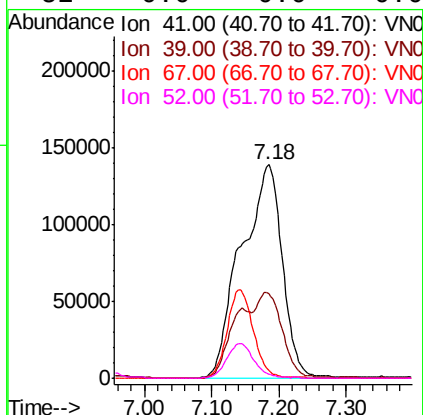
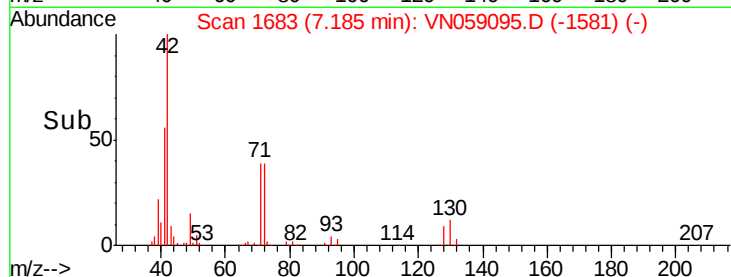
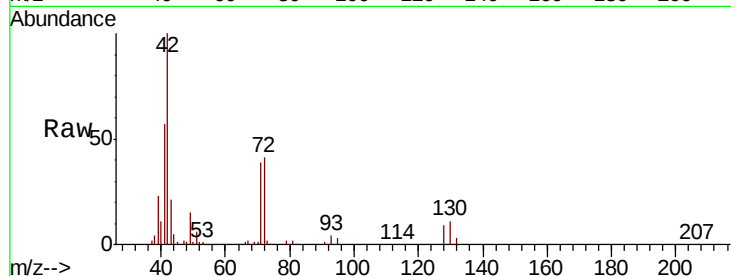




#41  
Methacrylonitrile  
Concen: 157.927 ug/l  
RT: 7.18 min Scan# 1683  
Delta R.T. 0.03 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

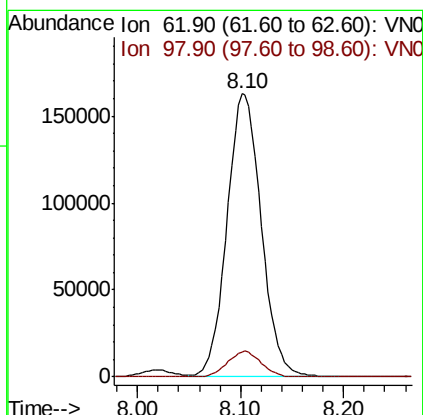
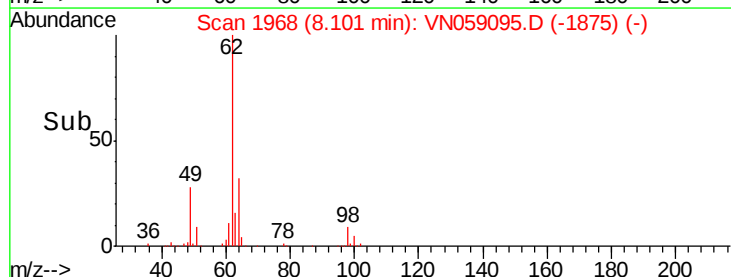
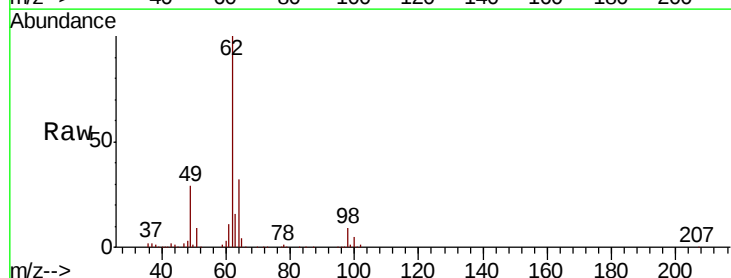
Instrument :  
MSVOA\_N  
ClientSampled :

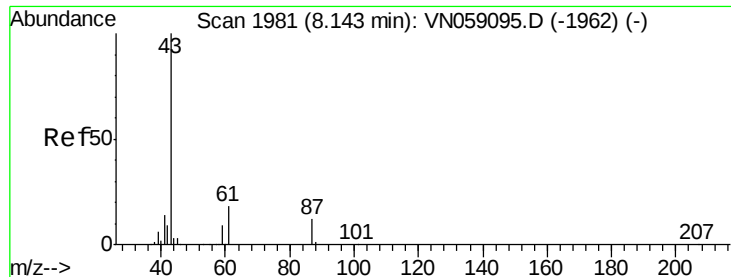
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 589775 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 0.0   | 0.0   | 0.0    |
| 67       | 0.0   | 0.0   | 0.0    |
| 52       | 0.0   | 0.0   | 0.0    |



#42  
1,2-Dichloroethane  
Concen: 46.944 ug/l  
RT: 8.10 min Scan# 1968  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 374817 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.9   | 0.0   | 17.8   |

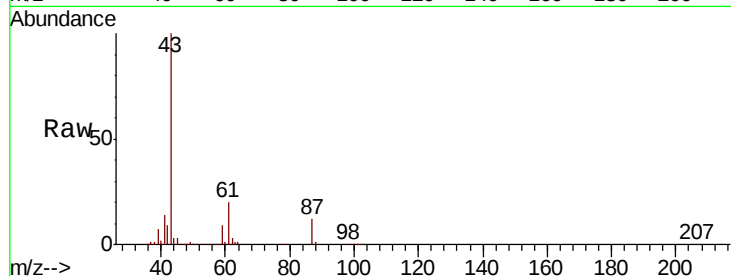




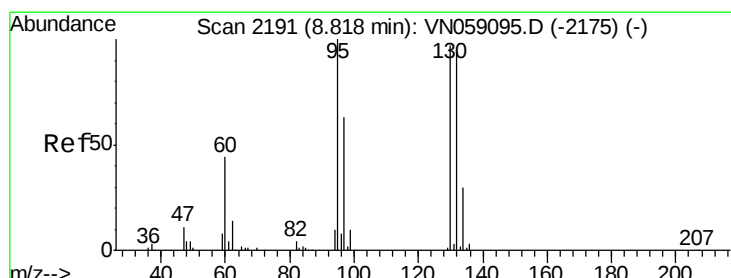
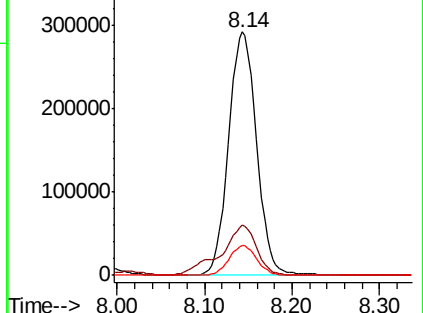
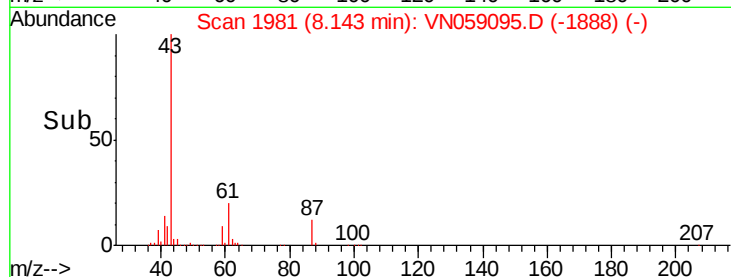
#43  
Isopropyl Acetate  
Concen: 48.294 ug/l  
RT: 8.14 min Scan# 1981  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 43 Resp: 647432  
Ion Ratio Lower Upper  
43 100  
61 26.3 21.0 31.6  
87 12.2 9.8 14.6

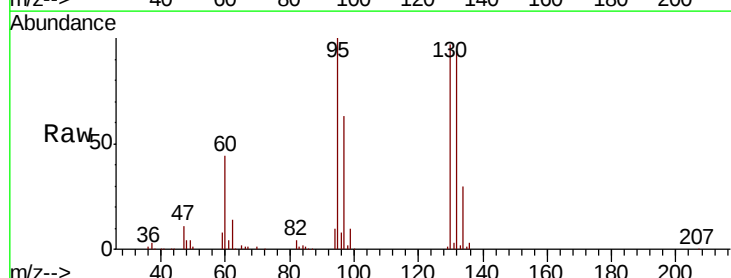


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 61.00 (60.70 to 61.70): VN0  
Ion 87.00 (86.70 to 87.70): VN0

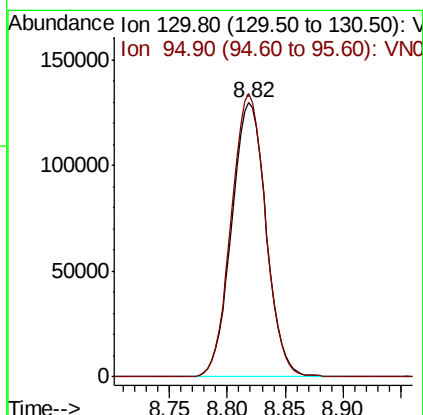
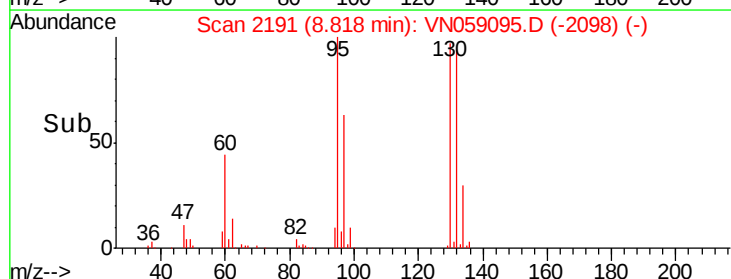


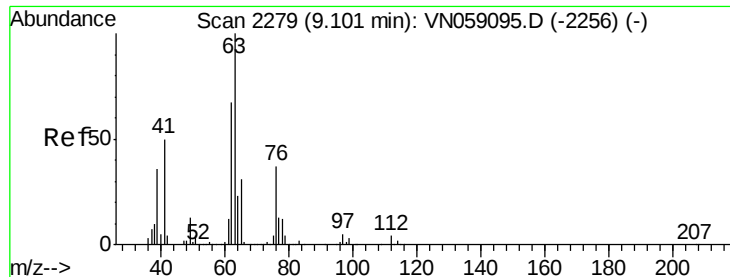
#44  
Trichloroethene  
Concen: 47.420 ug/l  
RT: 8.82 min Scan# 2191  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

Tgt Ion: 130 Resp: 268380  
Ion Ratio Lower Upper  
130 100  
95 103.2 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: 48.094 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

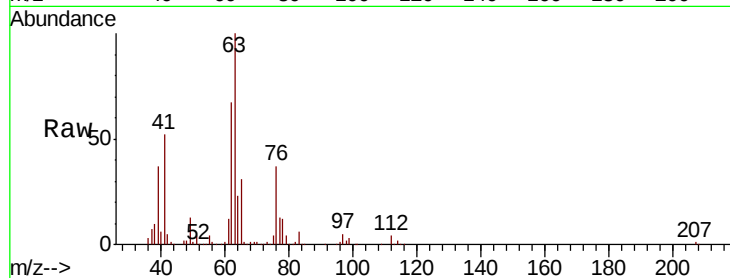
ClientSampleId :

Tot Ion: 63 Resp: 299141

Ion Ratio Lower Upper

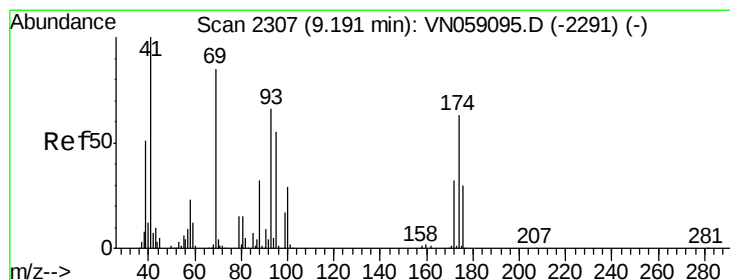
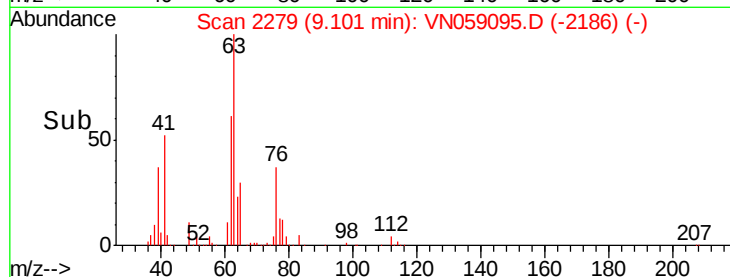
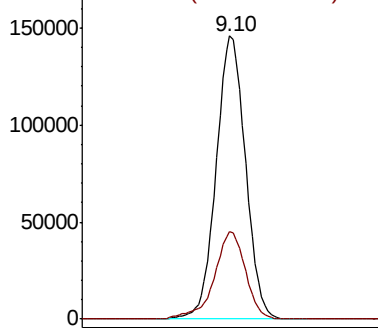
63 100

65 30.8 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 47.026 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

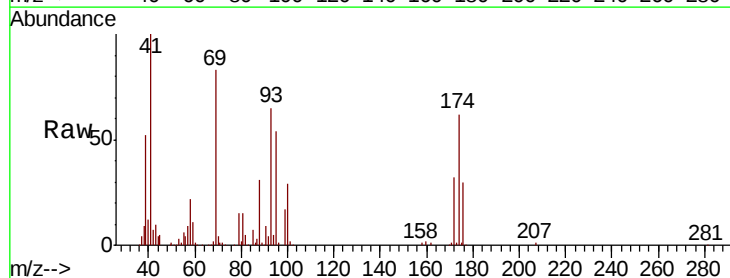
Tgt Ion: 93 Resp: 180552

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

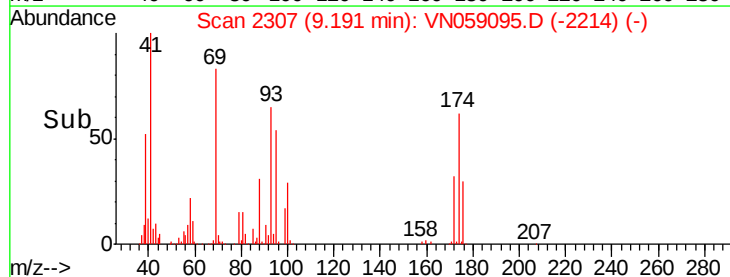
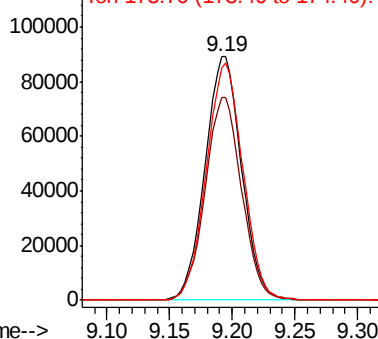
174 97.7 78.2 117.2

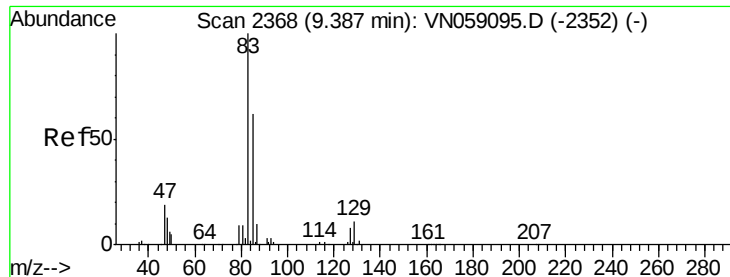


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.136 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

ClientSampleId :

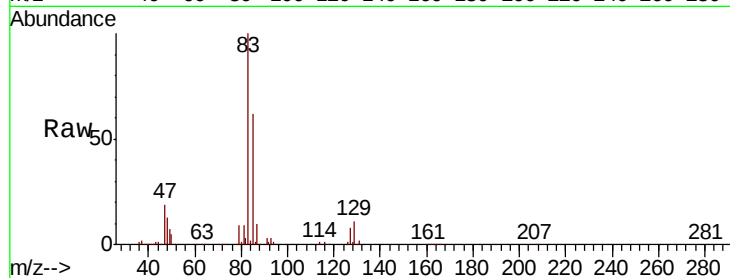
Tot Ion: 83 Resp: 374995

Ion Ratio Lower Upper

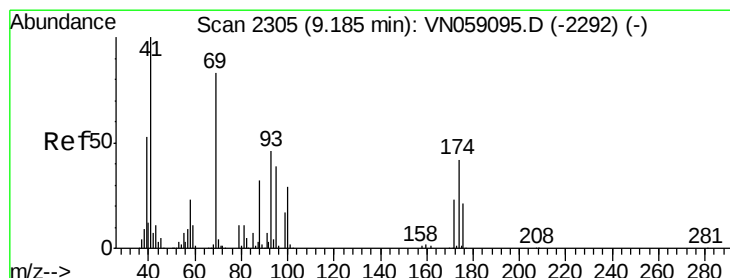
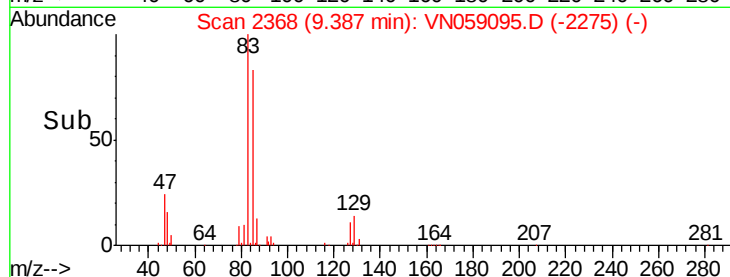
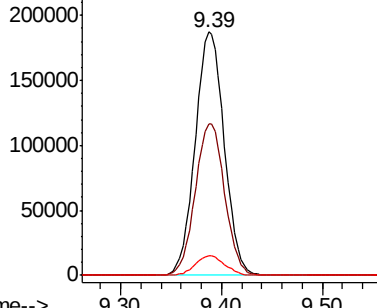
83 100

85 62.1 49.7 74.5

127 8.0 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VNC  
Ion 84.90 (84.60 to 85.60): VNC  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.518 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

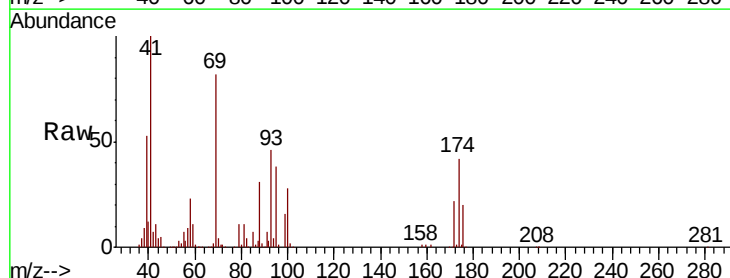
Tgt Ion: 41 Resp: 296739

Ion Ratio Lower Upper

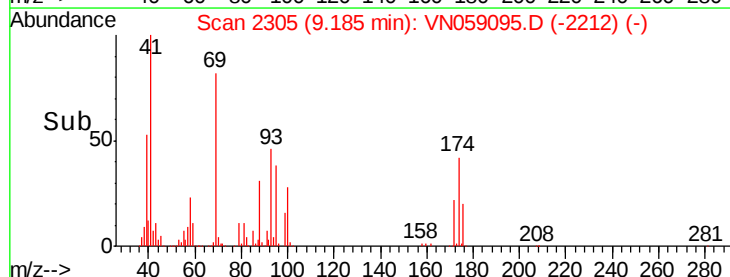
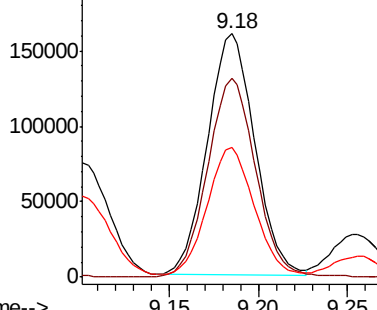
41 100

69 84.1 67.3 100.9

39 54.1 43.3 64.9



Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 69.00 (68.70 to 69.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC

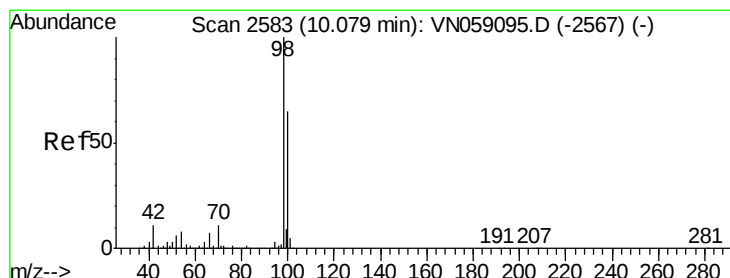
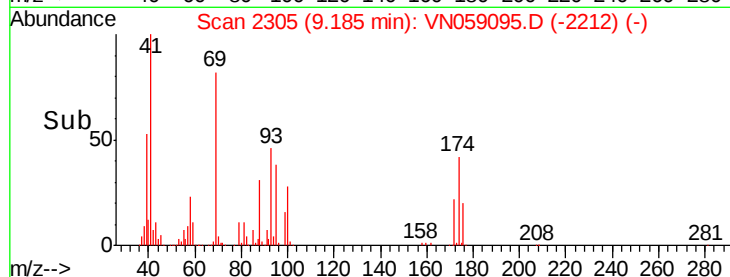
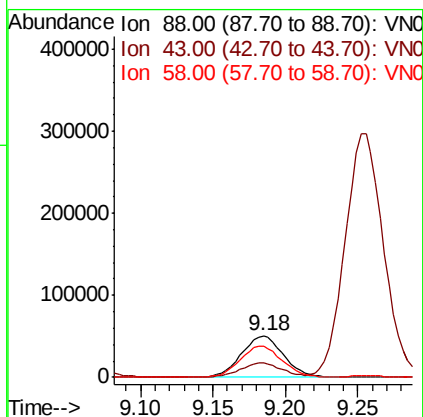
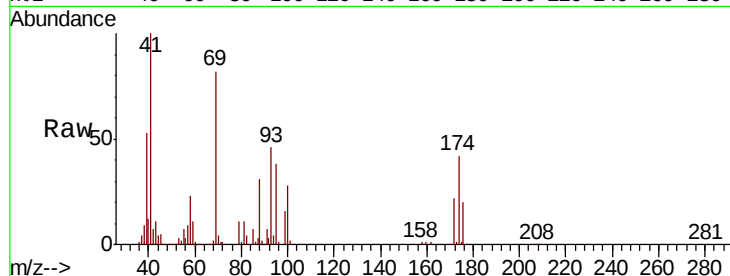




#49  
1,4-Dioxane  
Concen: 1034.799 ug/l  
RT: 9.18 min Scan# 2305  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

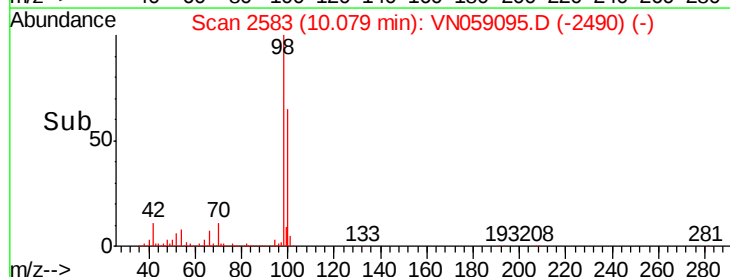
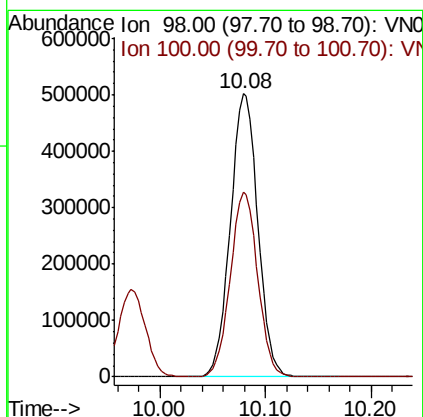
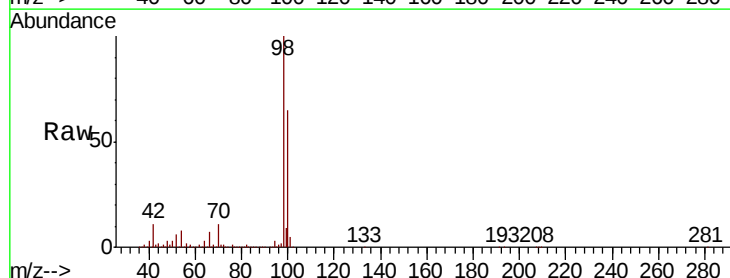
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 88 Resp: 102560  
Ion Ratio Lower Upper  
88 100  
43 32.9 26.3 39.5  
58 75.7 60.6 90.8



#50  
Toluene-d8  
Concen: 47.079 ug/l  
RT: 10.08 min Scan# 2583  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

Tgt Ion: 98 Resp: 902428  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 260.258 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

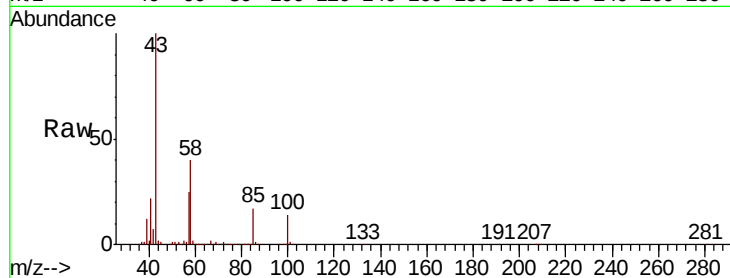
ClientSampleId :

Tot Ion: 43 Resp: 2032714

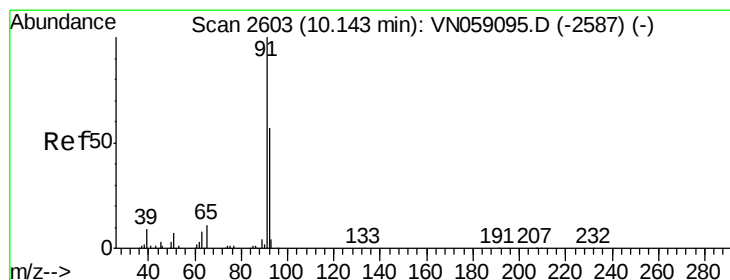
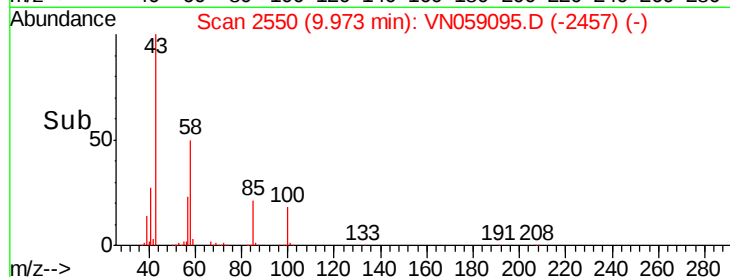
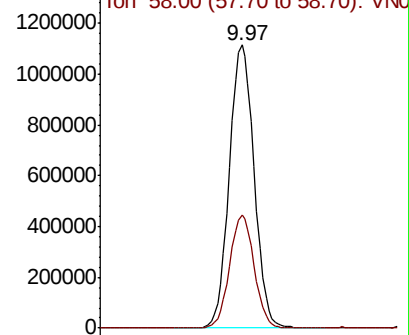
Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-2528) (-)



#52

Toluene

Concen: 49.137 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059095.D

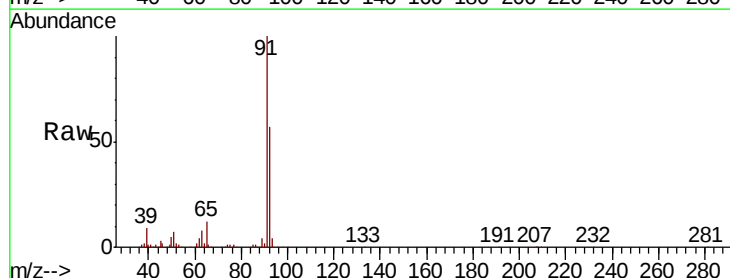
Acq: 6 Nov 2019 10:01

Tgt Ion: 92 Resp: 660390

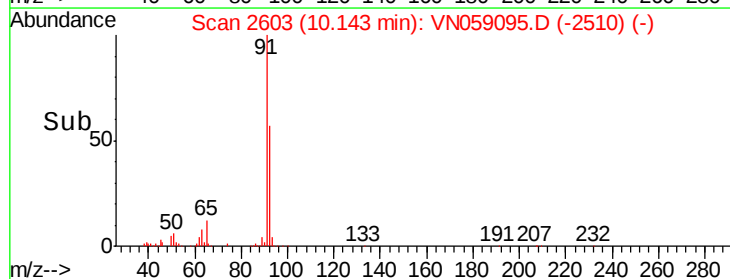
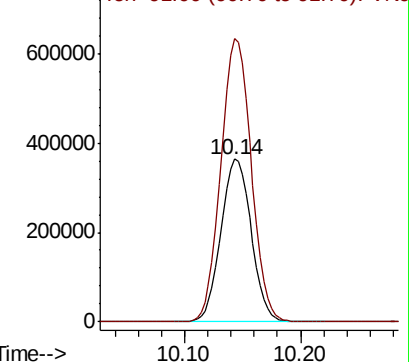
Ion Ratio Lower Upper

92 100

91 174.4 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN059095.D (-2587) (-)





#53

t-1,3-Dichloropropene

Concen: 48.002 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

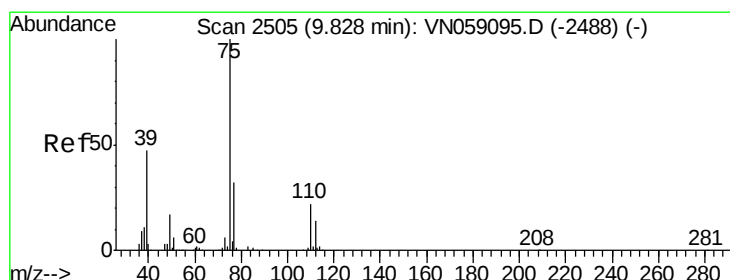
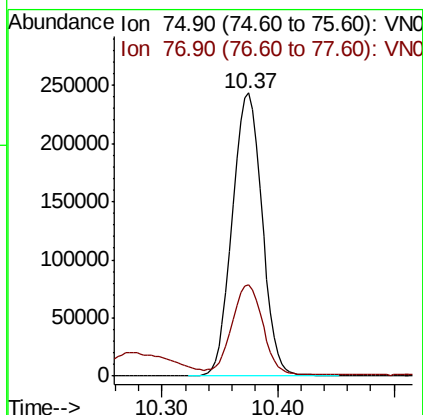
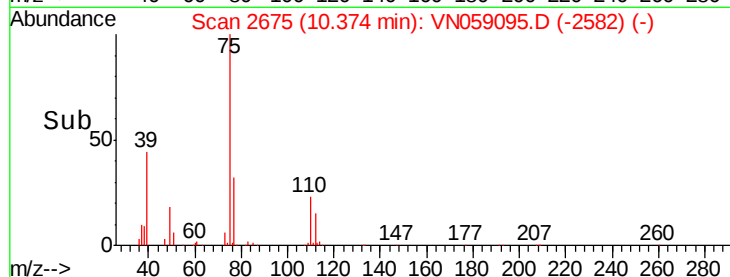
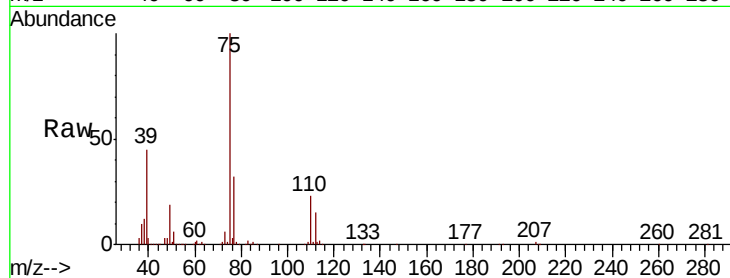
ClientSampleId :

Tot Ion: 75 Resp: 431211

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 49.421 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

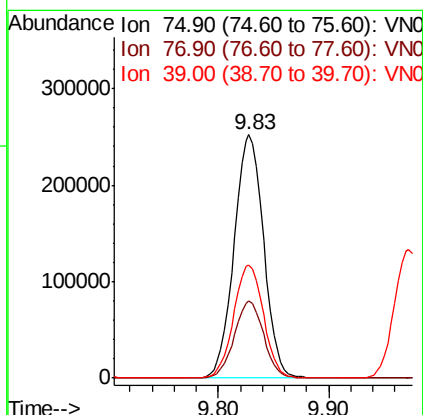
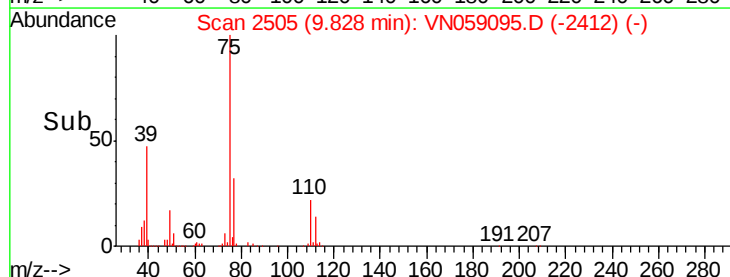
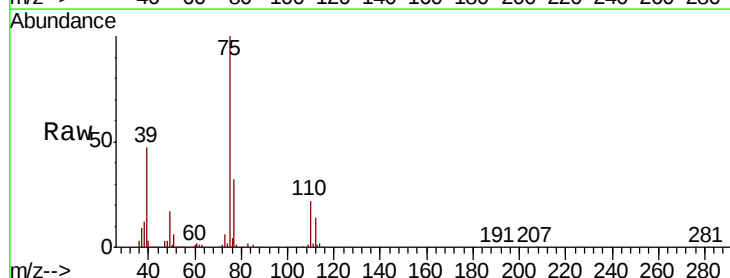
Tgt Ion: 75 Resp: 467832

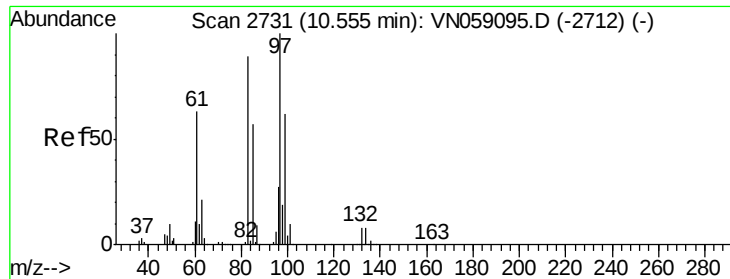
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 46.6 37.3 55.9

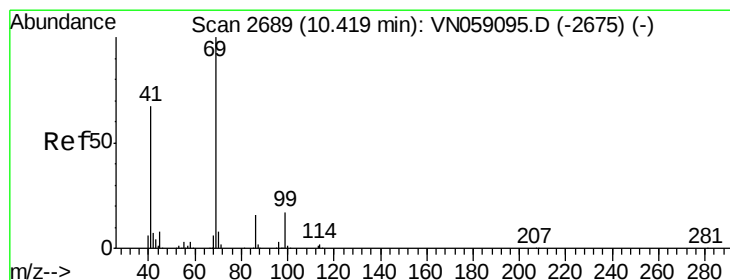
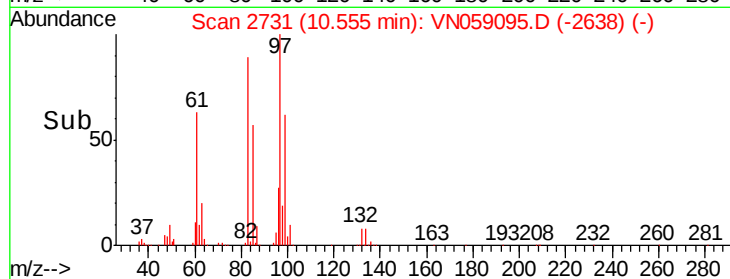
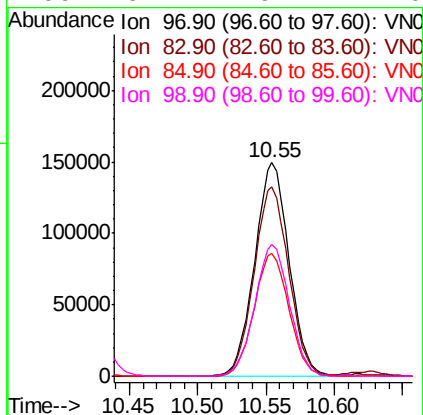
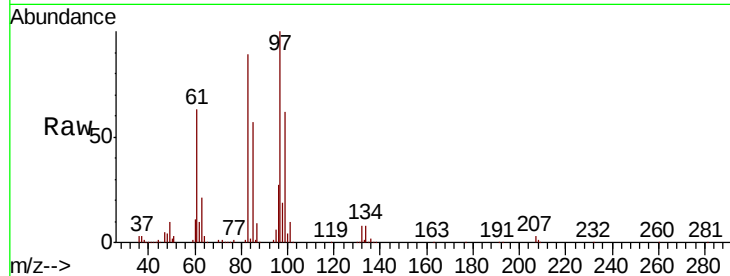




#55  
 1,1,2-Trichloroethane  
 Concen: 47.717 ug/l  
 RT: 10.55 min Scan# 2731  
 Delta R.T. 0.00 min  
 Lab File: VN059095.D  
 Acq: 6 Nov 2019 10:01

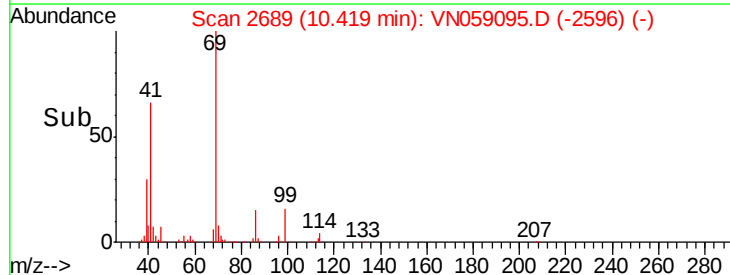
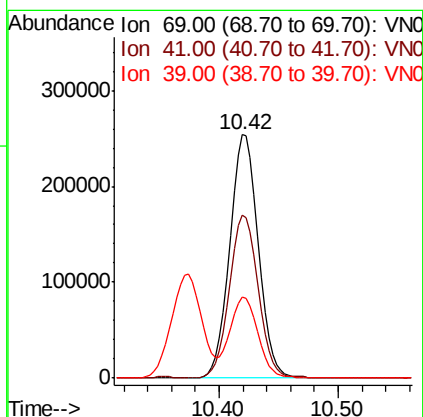
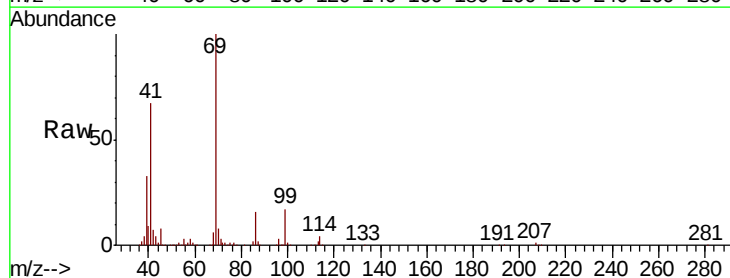
Instrument :  
 MSVOA\_N  
 ClientSampleId :

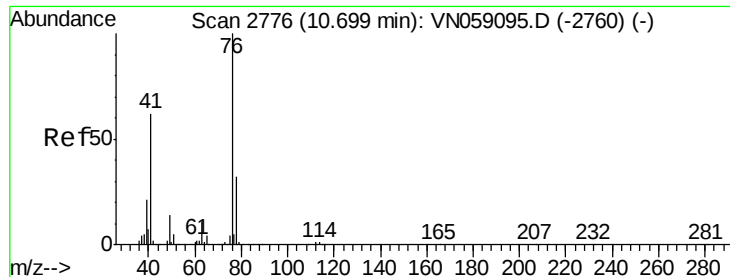
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 262193 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 88.7  | 71.0  | 106.4  |
| 85       | 57.3  | 45.8  | 68.8   |
| 99       | 61.7  | 49.4  | 74.0   |



#56  
 Ethyl methacrylate  
 Concen: 51.192 ug/l  
 RT: 10.42 min Scan# 2689  
 Delta R.T. 0.00 min  
 Lab File: VN059095.D  
 Acq: 6 Nov 2019 10:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 422923 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.0  | 53.6  | 80.4   |
| 39       | 32.8  | 26.2  | 39.4   |





#57

1,3-Dichloropropane

Concen: 48.156 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

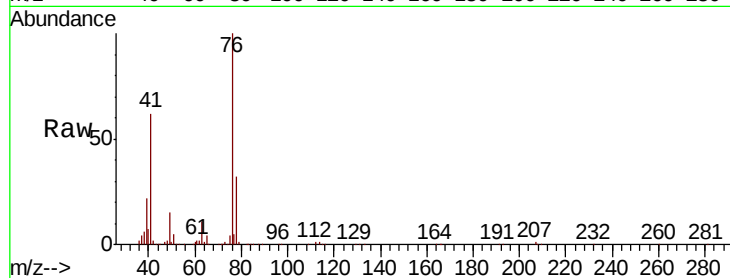
ClientSampled :

Tot Ion: 76 Resp: 459518

Ion Ratio Lower Upper

76 100

78 32.3 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

250000

200000

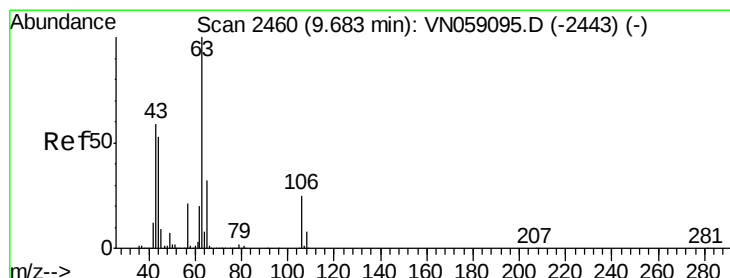
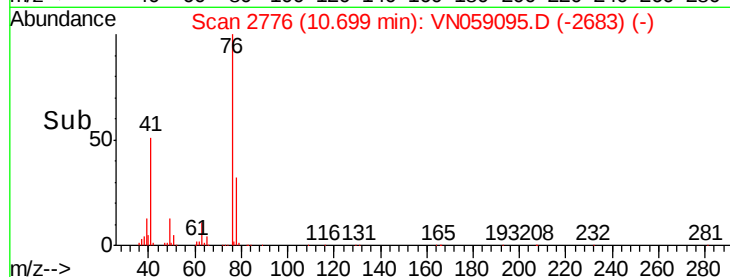
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 258.992 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059095.D

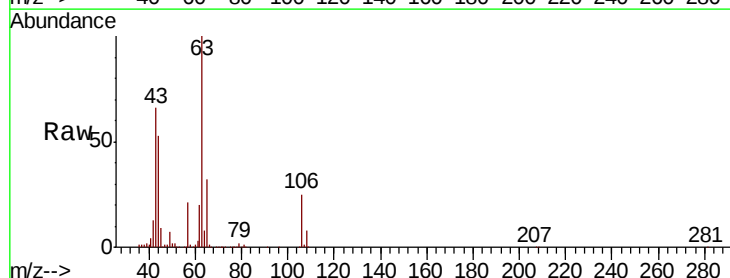
Acq: 6 Nov 2019 10:01

Tgt Ion: 63 Resp: 849181

Ion Ratio Lower Upper

63 100

106 25.2 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

500000

400000

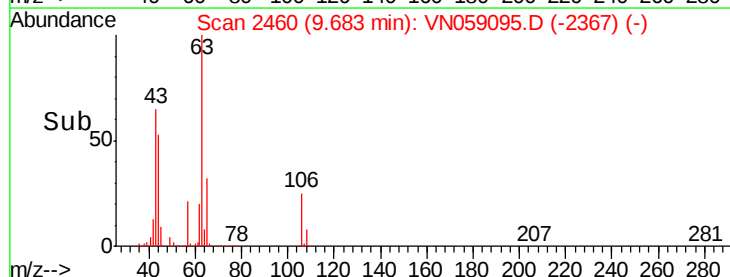
300000

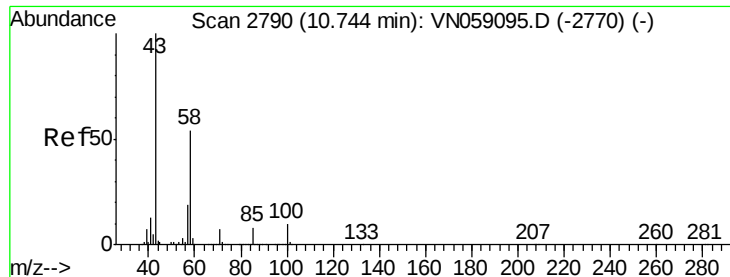
200000

100000

0

Time-->

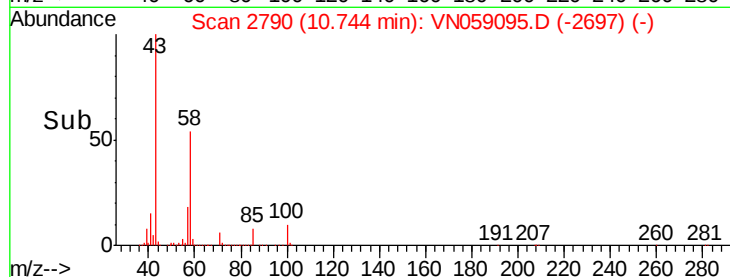
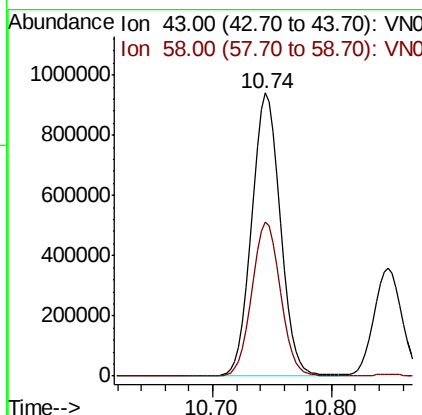
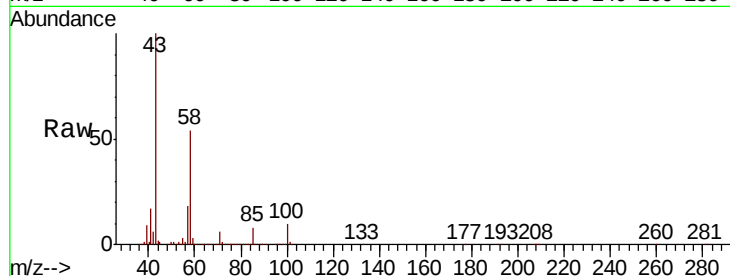




#59  
2-Hexanone  
Concen: 264.393 ug/l  
RT: 10.74 min Scan# 2790  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

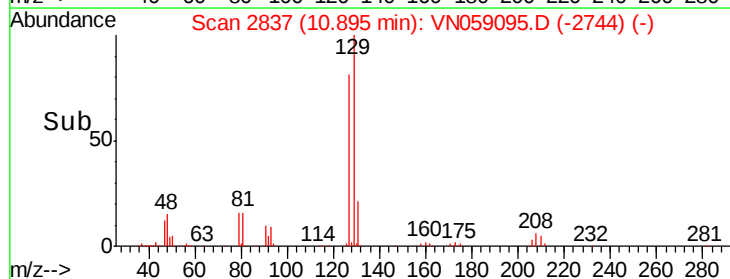
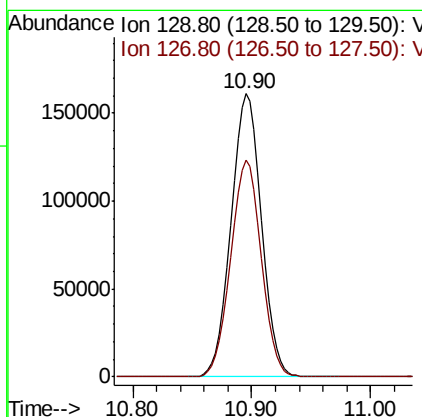
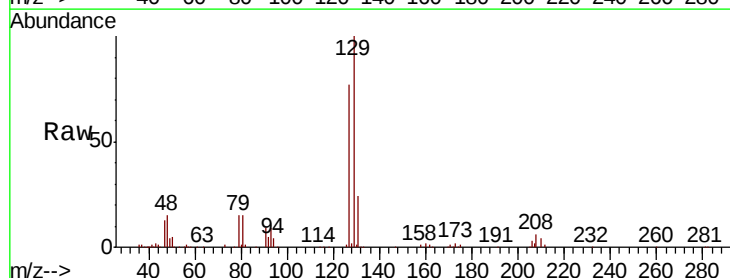
Instrument :  
MSVOA\_N  
ClientSampleId :

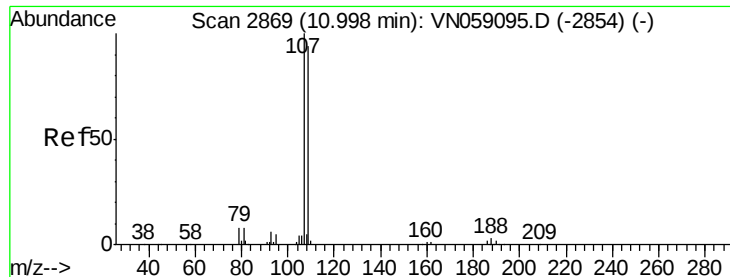
Tot Ion: 43 Resp: 1568745  
Ion Ratio Lower Upper  
43 100  
58 54.5 27.3 81.8



#60  
Dibromochloromethane  
Concen: 48.214 ug/l  
RT: 10.90 min Scan# 2837  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

Tgt Ion: 129 Resp: 284491  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.6 115.8

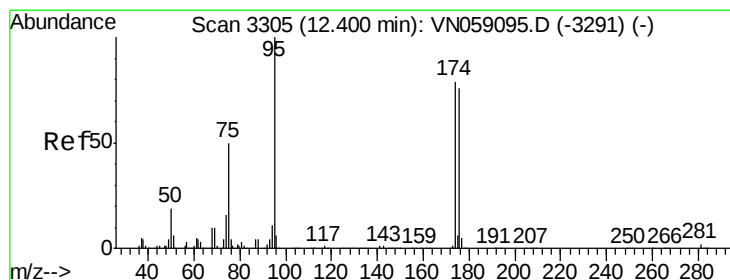
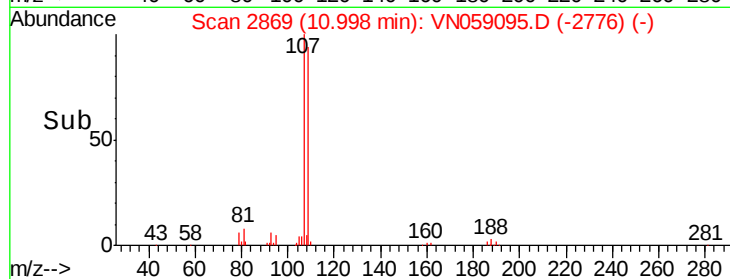
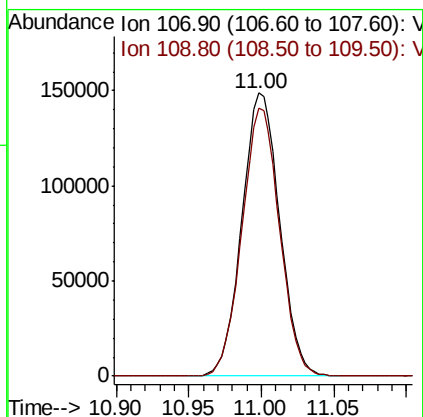
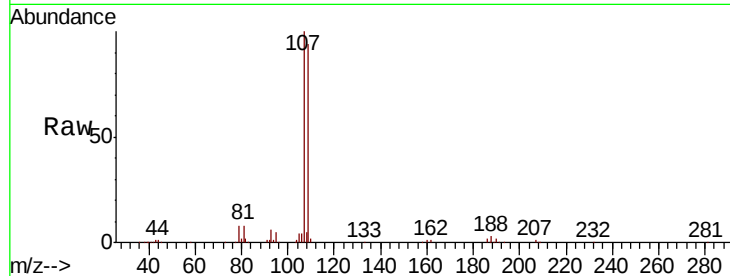




#61  
 1,2-Dibromoethane  
 Concen: 48.585 ug/l  
 RT: 11.00 min Scan# 2869  
 Delta R.T. 0.00 min  
 Lab File: VN059095.D  
 Acq: 6 Nov 2019 10:01

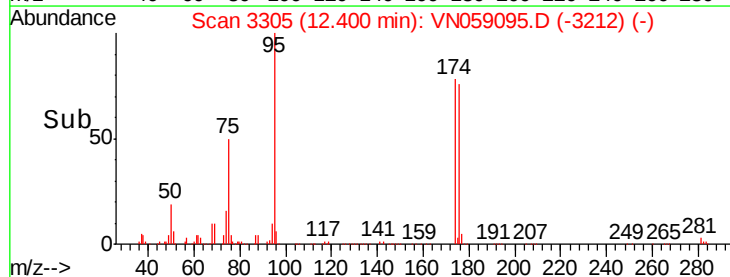
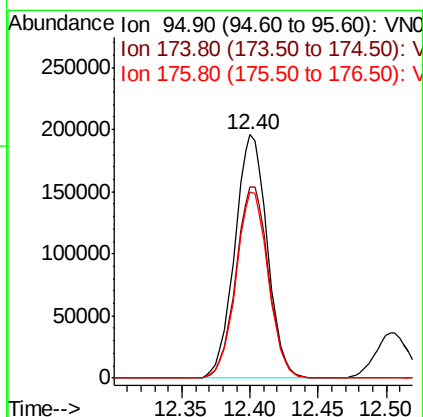
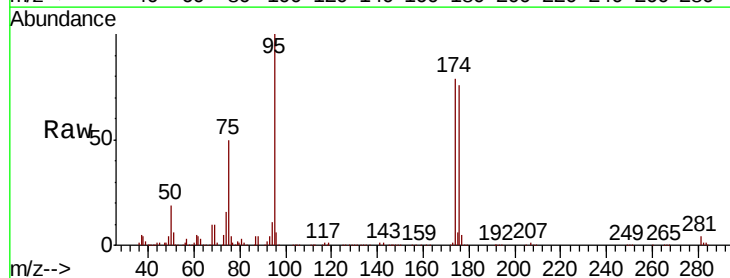
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion: 107 Resp: 269565  
 Ion Ratio Lower Upper  
 107 100  
 109 94.4 75.5 113.3



#62  
 4-Bromofluorobenzene  
 Concen: 46.956 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.00 min  
 Lab File: VN059095.D  
 Acq: 6 Nov 2019 10:01

Tgt Ion: 95 Resp: 322433  
 Ion Ratio Lower Upper  
 95 100  
 174 79.1 0.0 158.2  
 176 75.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

ClientSampleId :

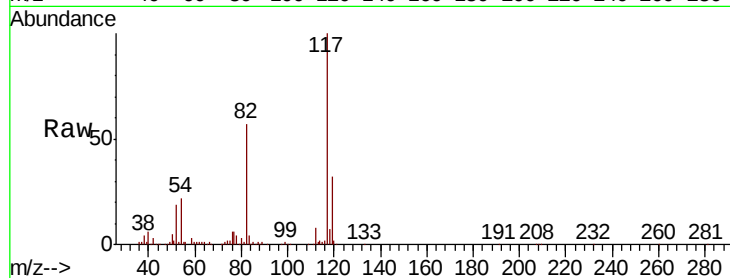
Tot Ion:117 Resp: 716666

Ion Ratio Lower Upper

117 100

82 57.3 45.8 68.8

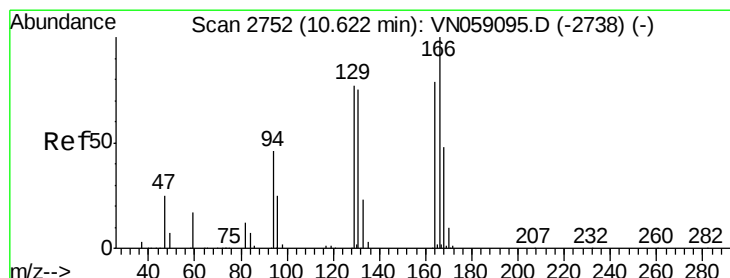
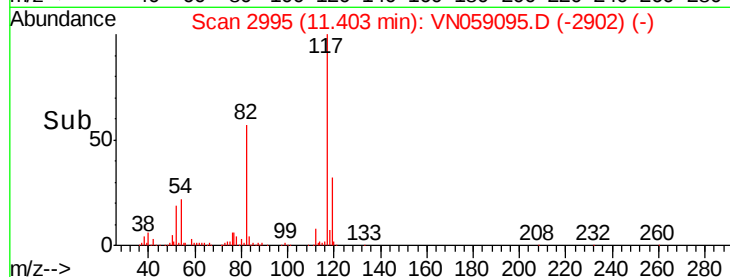
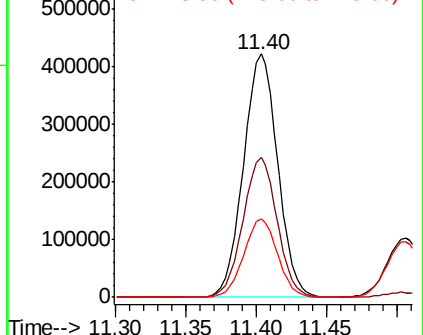
119 32.2 25.8 38.6



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: 46.962 ug/l

RT: 10.62 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Tgt Ion:164 Resp: 234953

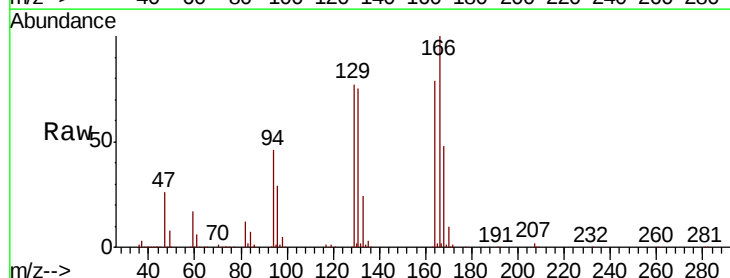
Ion Ratio Lower Upper

164 100

166 126.9 101.5 152.3

129 97.9 78.3 117.5

131 94.9 75.9 113.9

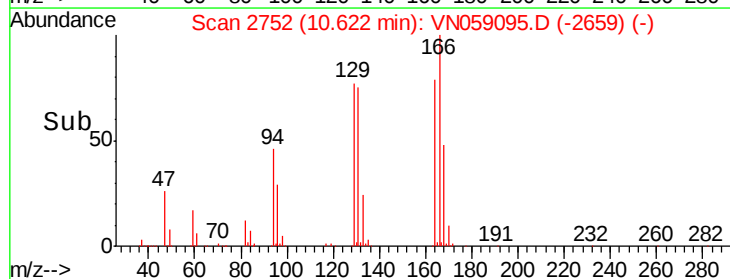
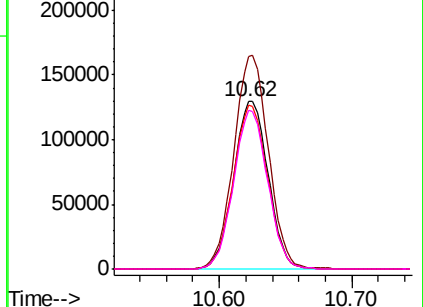


Abundance Ion 163.80 (163.50 to 164.50): V

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

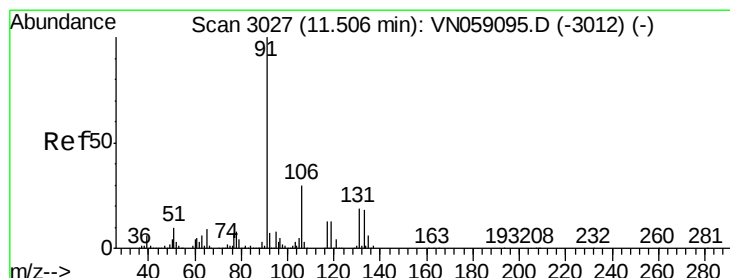
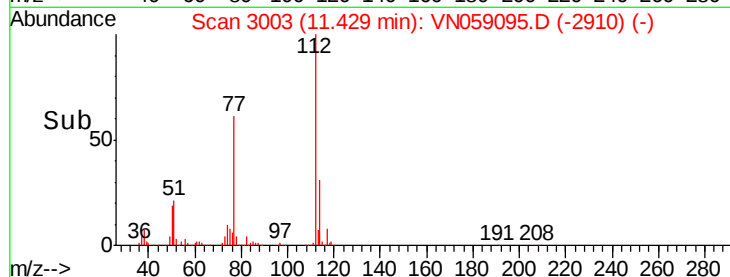
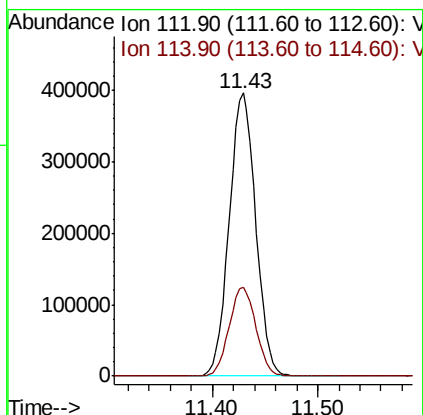
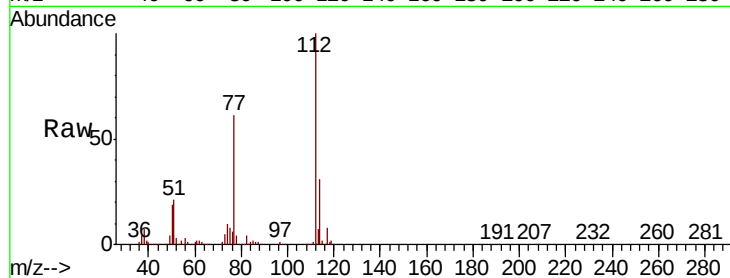




#65  
Chlorobenzene  
Concen: 46.929 ug/l  
RT: 11.43 min Scan# 3003  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

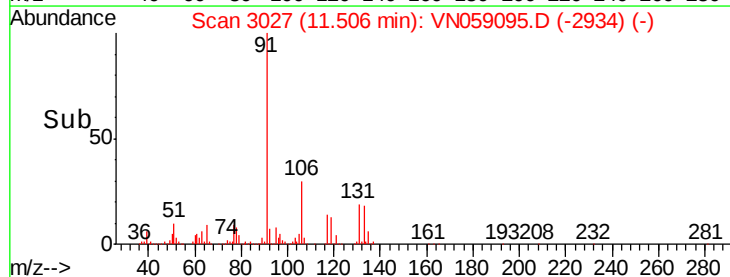
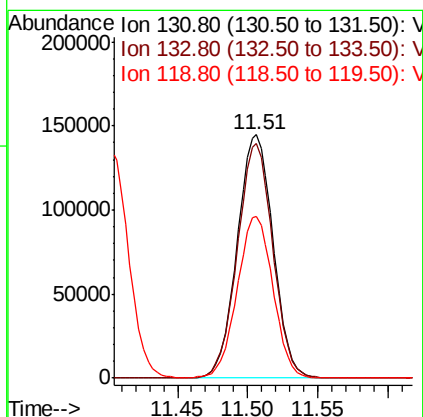
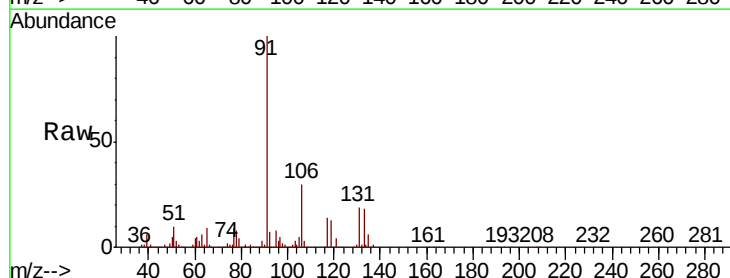
Instrument :  
MSVOA\_N  
ClientSampled :

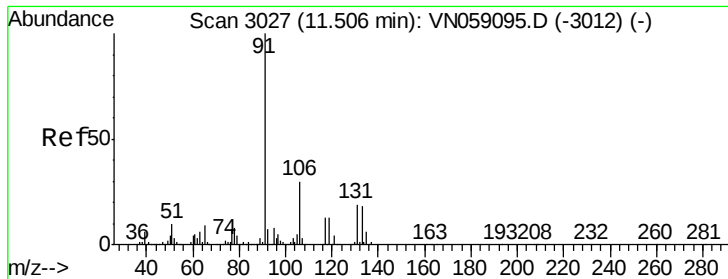
Tot Ion:112 Resp: 687797  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.837 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

Tgt Ion:131 Resp: 258343  
Ion Ratio Lower Upper  
131 100  
133 94.9 47.4 142.3  
119 66.4 33.2 99.6

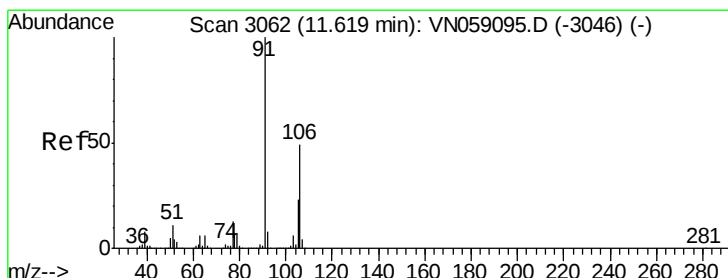
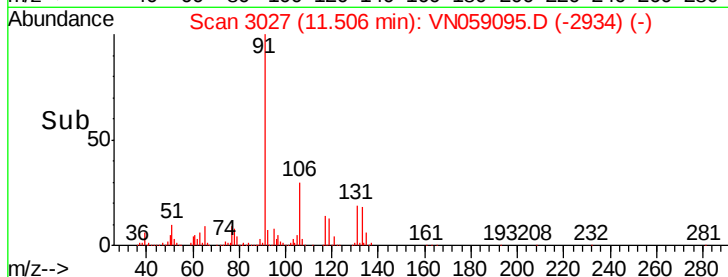
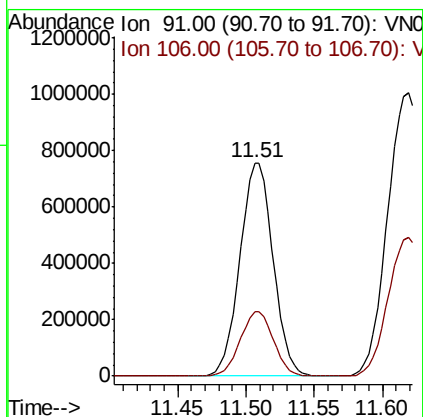
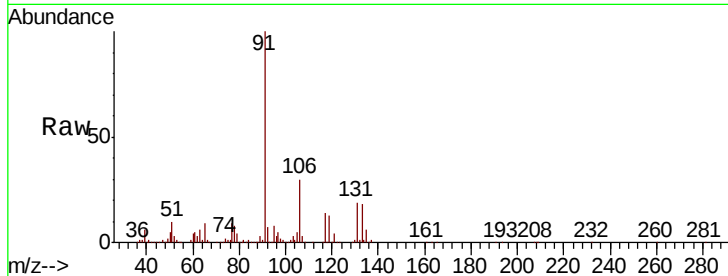




#67  
Ethyl Benzene  
Concen: 50.286 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

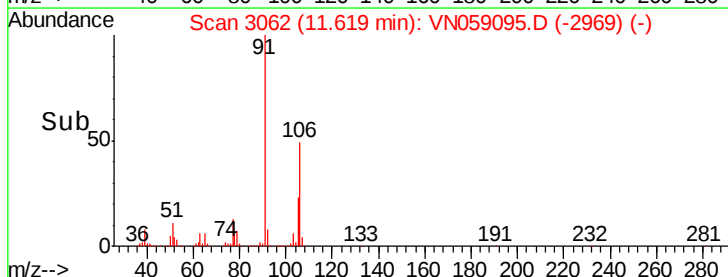
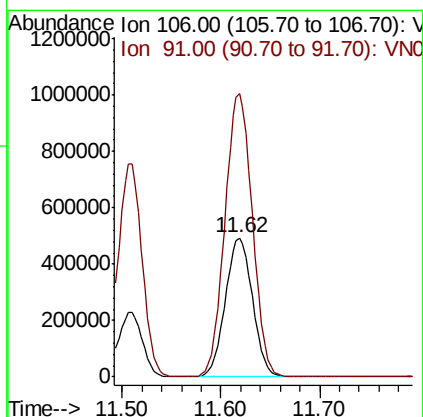
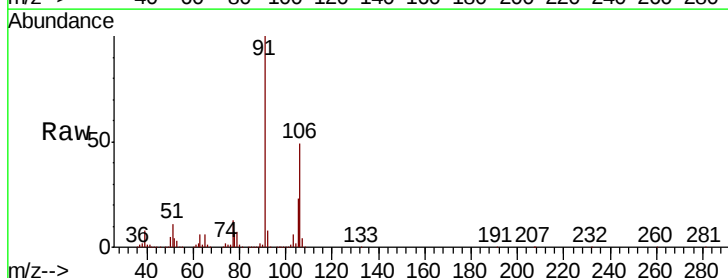
Instrument :  
MSVOA\_N  
ClientSampled :

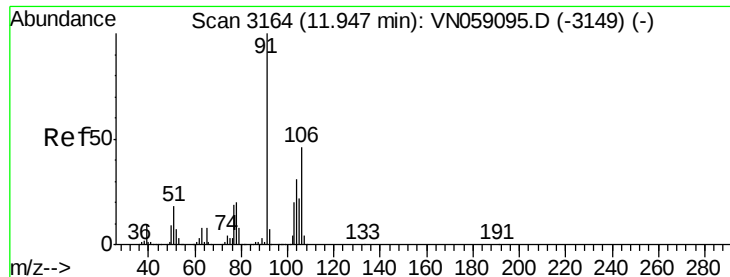
Tot Ion: 91 Resp: 1275362  
Ion Ratio Lower Upper  
91 100  
106 30.1 24.1 36.1



#68  
m/p-Xylenes  
Concen: 100.008 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

Tgt Ion: 106 Resp: 948516  
Ion Ratio Lower Upper  
106 100  
91 205.9 164.7 247.1

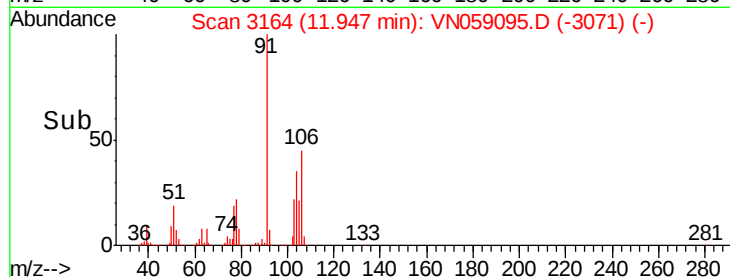
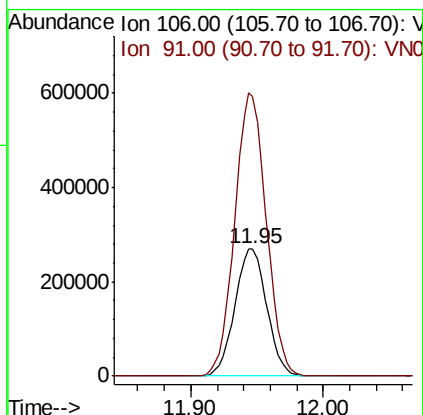
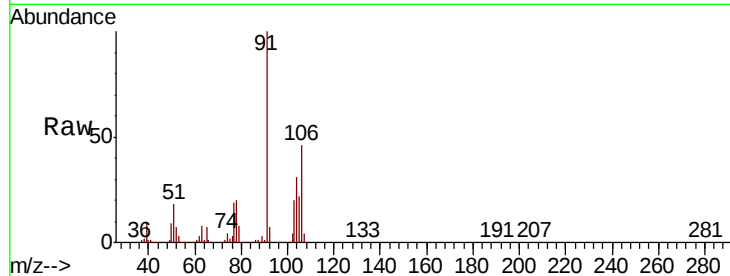




#69  
o-Xylene  
Concen: 49.777 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

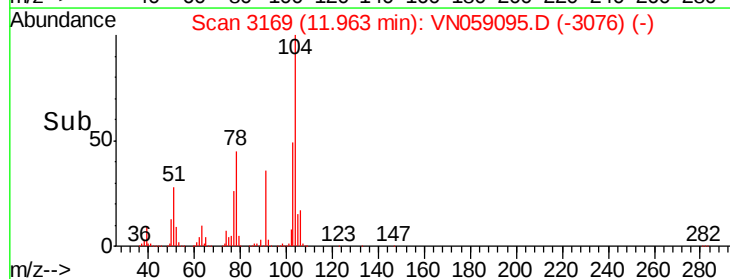
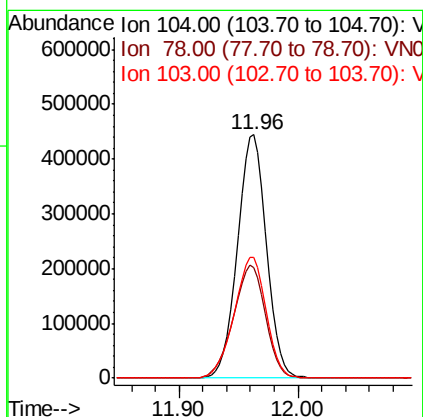
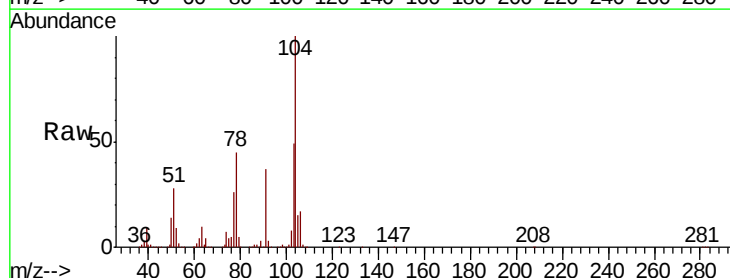
Instrument :  
MSVOA\_N  
ClientSampleId :

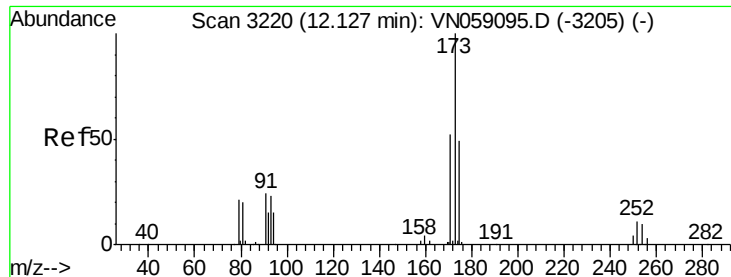
Tot Ion:106 Resp: 450455  
Ion Ratio Lower Upper  
106 100  
91 220.2 110.1 330.3



#70  
Styrene  
Concen: 51.294 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

Tgt Ion:104 Resp: 750794  
Ion Ratio Lower Upper  
104 100  
78 51.5 41.2 61.8  
103 54.7 43.8 65.6





#71

Bromoform

Concen: 49.603 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

ClientSampleId :

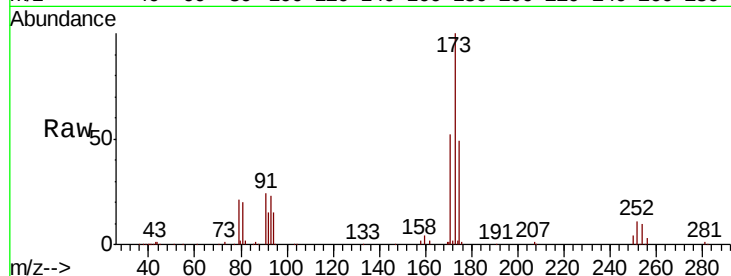
Tot Ion:173 Resp: 207103

Ion Ratio Lower Upper

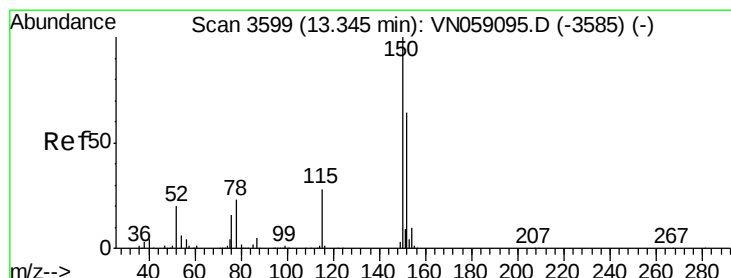
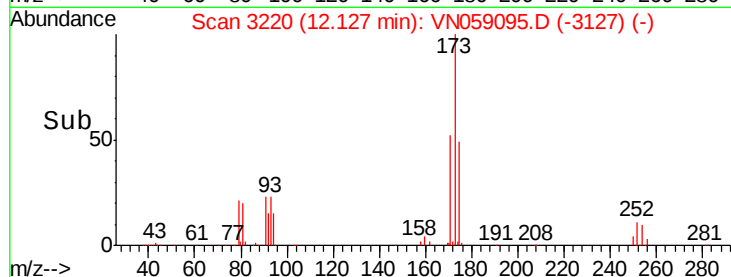
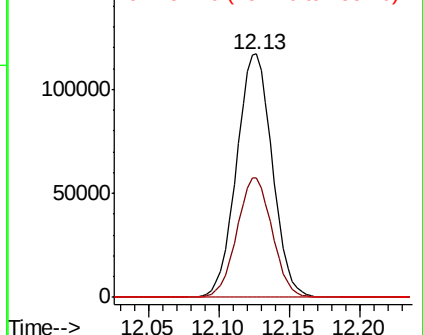
173 100

175 48.4 24.2 72.6

254 0.1 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: VN059095.D

Acq: 6 Nov 2019 10:01

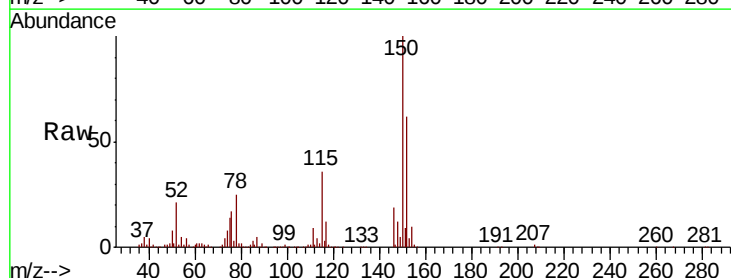
Tgt Ion:152 Resp: 341701

Ion Ratio Lower Upper

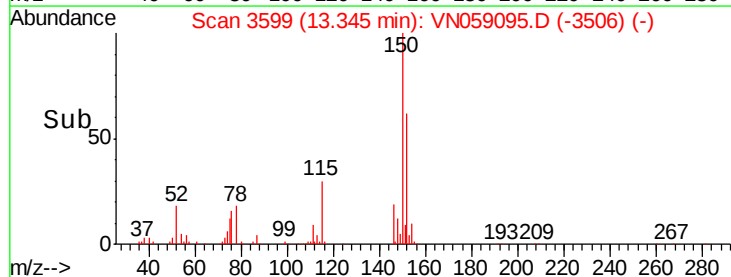
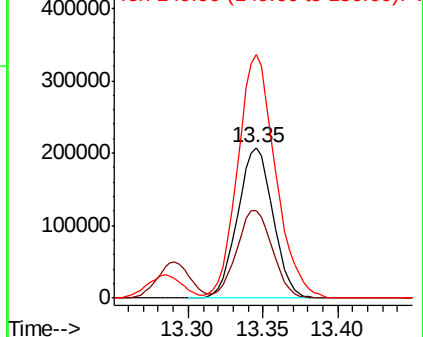
152 100

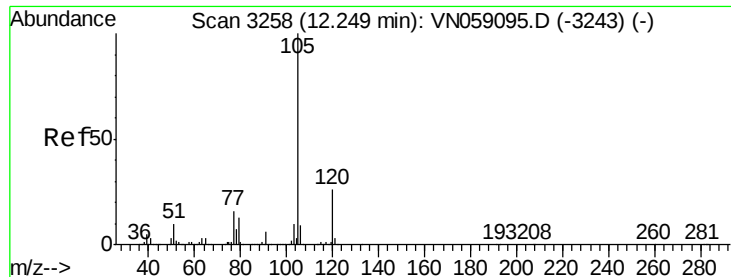
115 58.8 29.4 88.2

150 172.9 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: 48.877 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

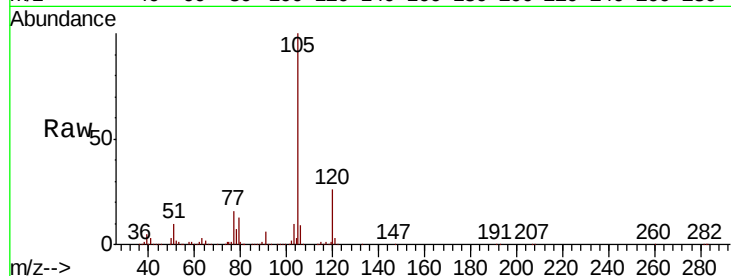
ClientSampled :

Tot Ion:105 Resp: 1225792

Ion Ratio Lower Upper

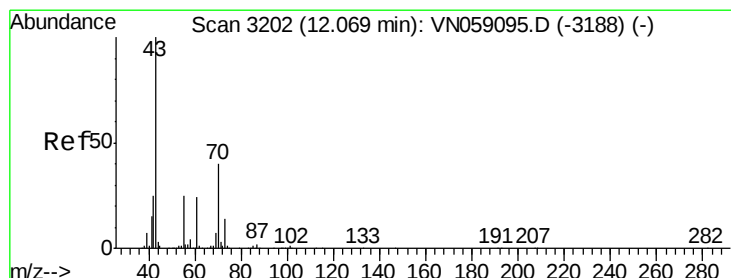
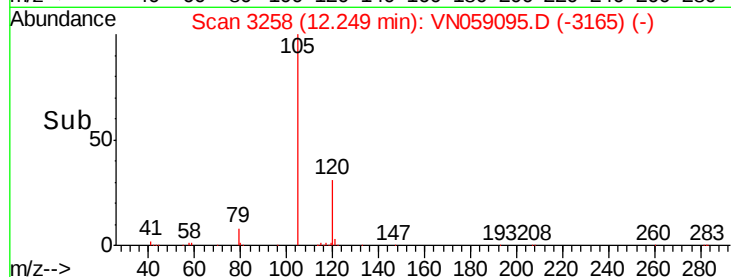
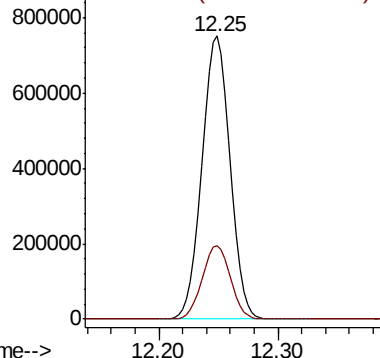
105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.272 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Tgt Ion: 43 Resp: 546903

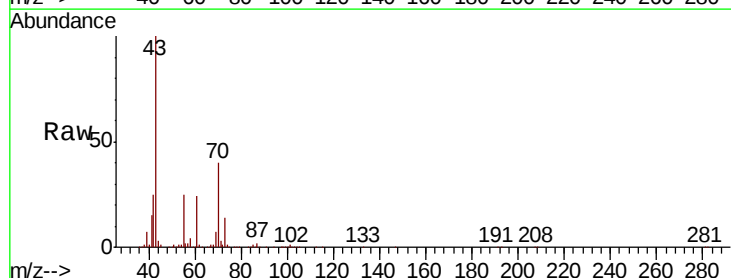
Ion Ratio Lower Upper

43 100

70 40.3 32.2 48.4

55 25.5 20.4 30.6

61 24.1 19.3 28.9

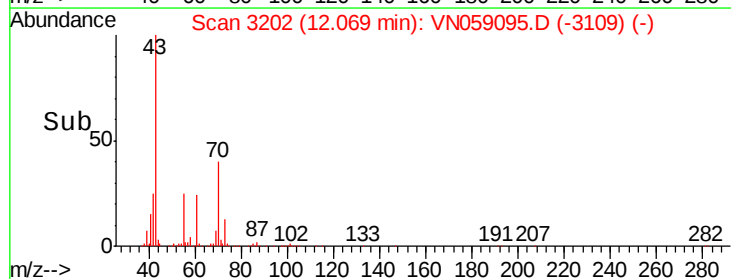
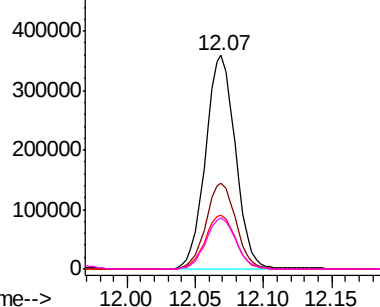


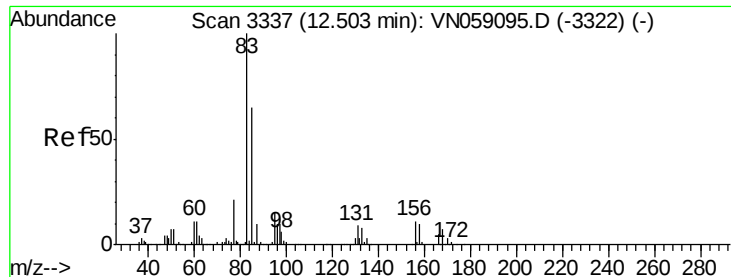
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.474 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

ClientSampleId :

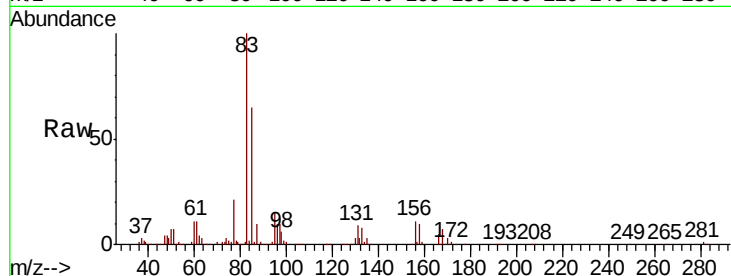
Tot Ion: 83 Resp: 406330

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

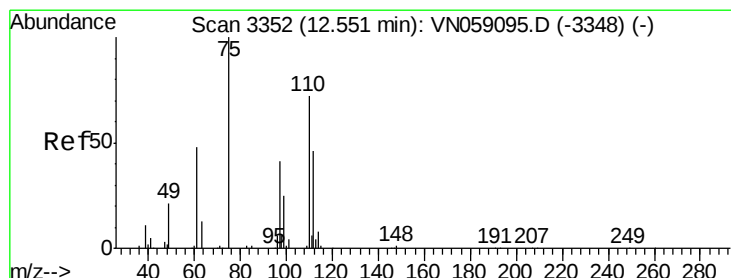
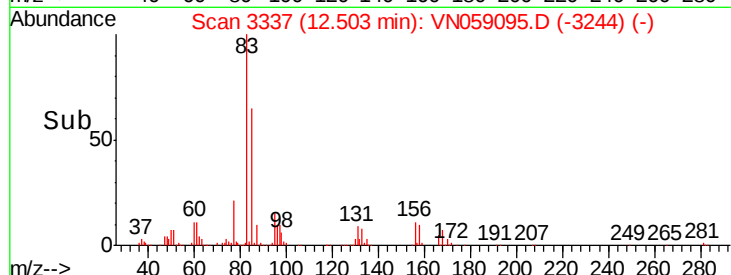
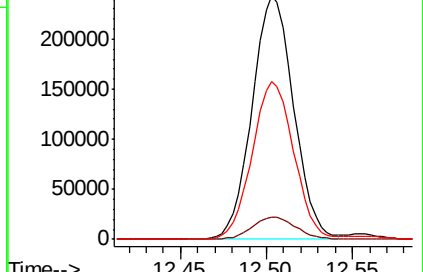
85 64.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN059095.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN059095.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN059095.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 67.823 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN059095.D

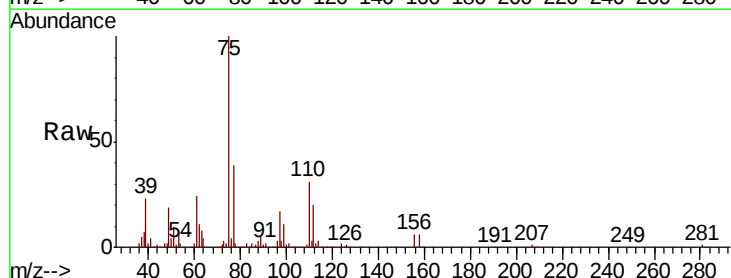
Acq: 6 Nov 2019 10:01

Tgt Ion: 75 Resp: 541616

Ion Ratio Lower Upper

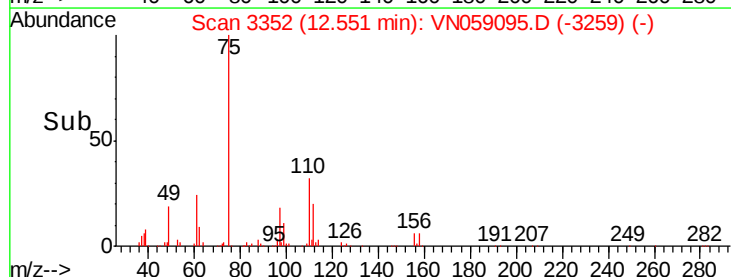
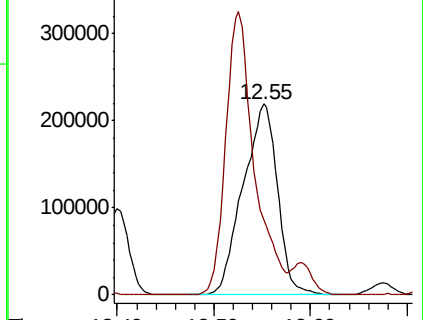
75 100

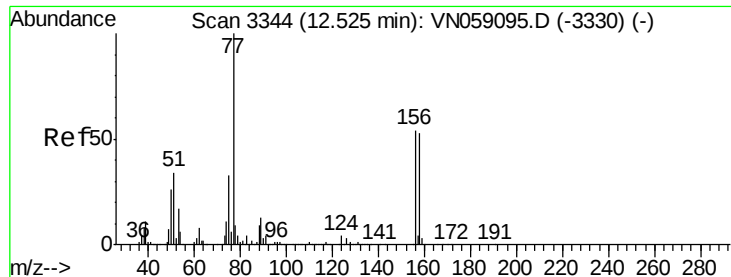
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059095.D (-3352) (-)

Ion 77.00 (76.70 to 77.70): VN059095.D (-3352) (-)





#77

Bromobenzene

Concen: 47.248 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

ClientSampleId :

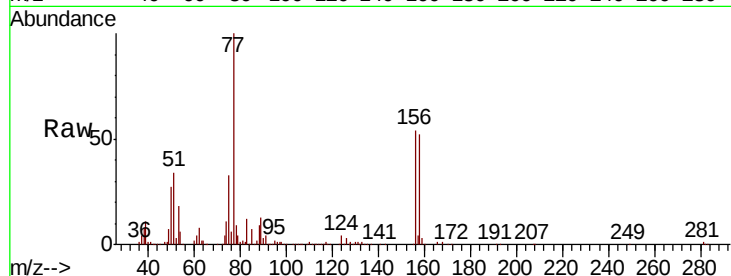
Tot Ion:156 Resp: 297305

Ion Ratio Lower Upper

156 100

77 225.5 112.8 338.3

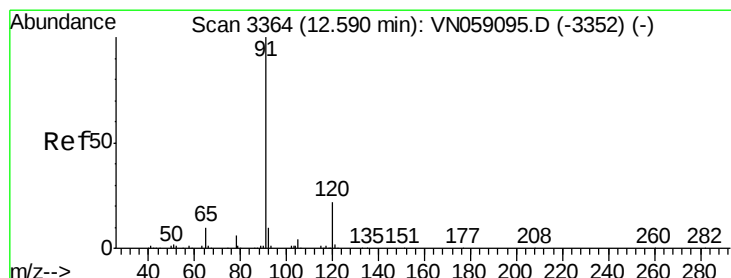
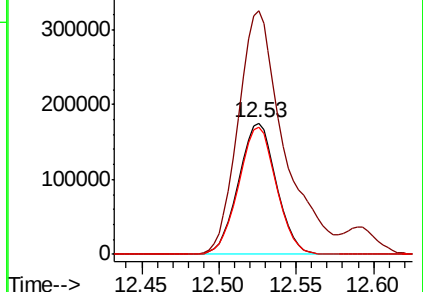
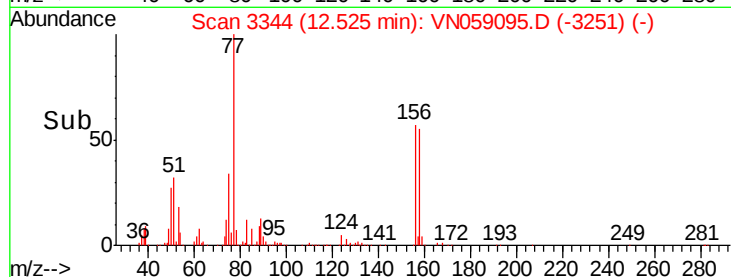
158 96.9 48.4 145.3



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: 49.912 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN059095.D

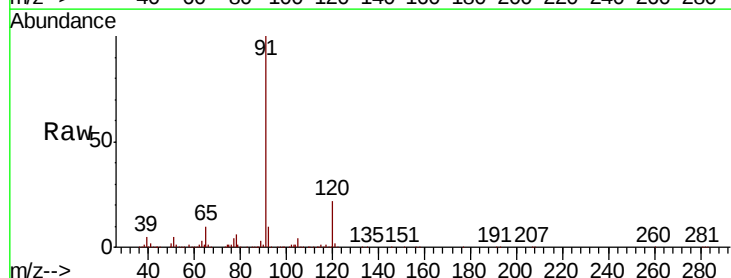
Acq: 6 Nov 2019 10:01

Tgt Ion: 91 Resp: 1446623

Ion Ratio Lower Upper

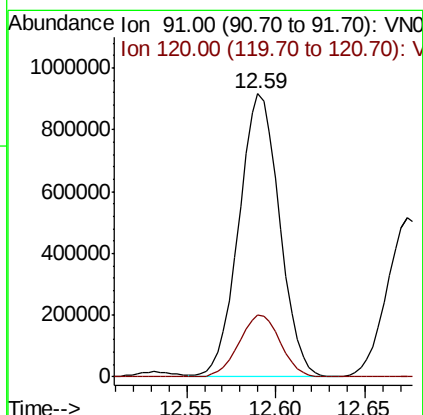
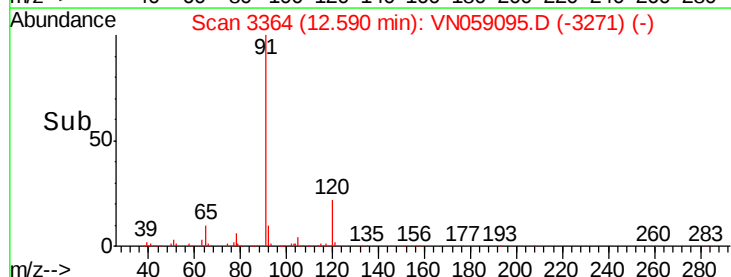
91 100

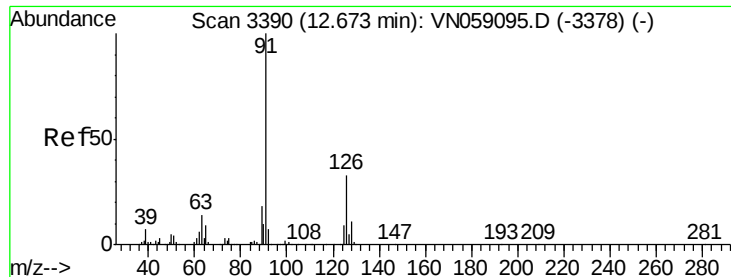
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.147 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

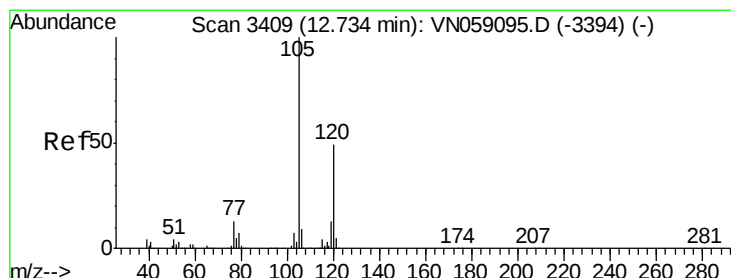
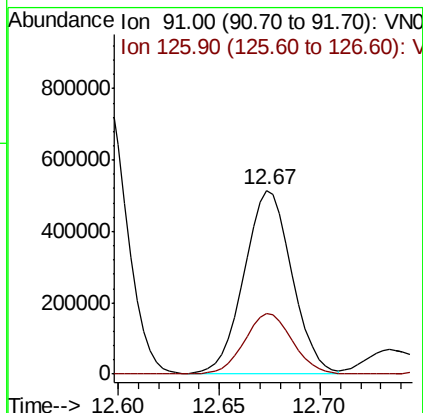
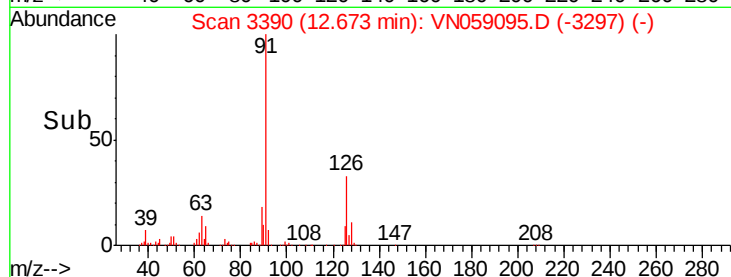
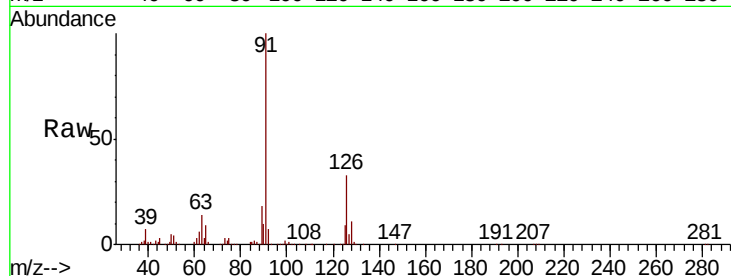
ClientSampled :

Tot Ion: 91 Resp: 848538

Ion Ratio Lower Upper

91 100

126 33.4 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 49.036 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059095.D

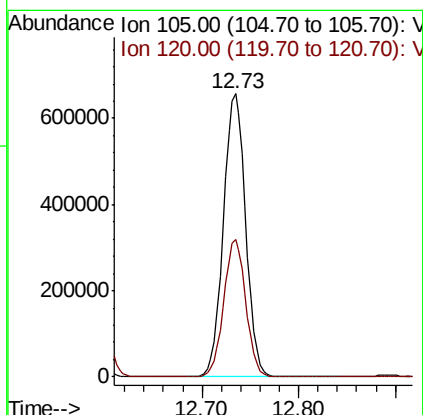
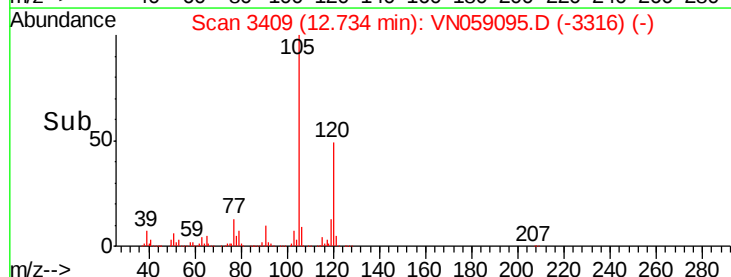
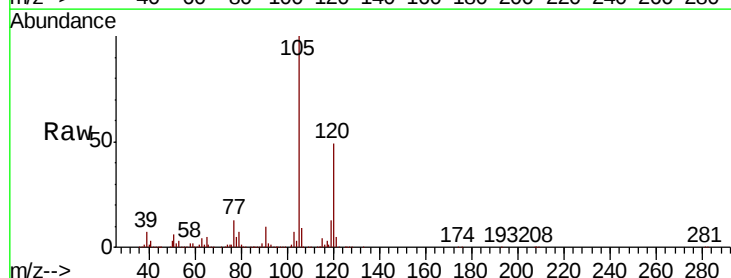
Acq: 6 Nov 2019 10:01

Tgt Ion: 105 Resp: 1045854

Ion Ratio Lower Upper

105 100

120 48.0 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 46.900 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

ClientSampleId :

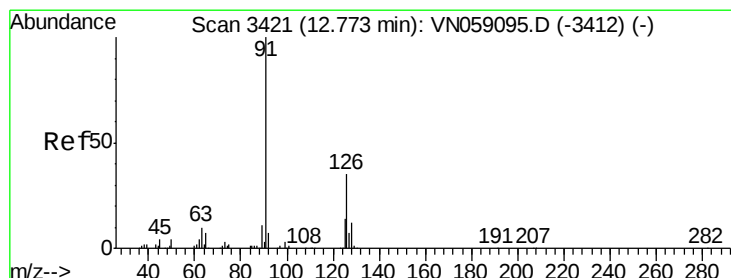
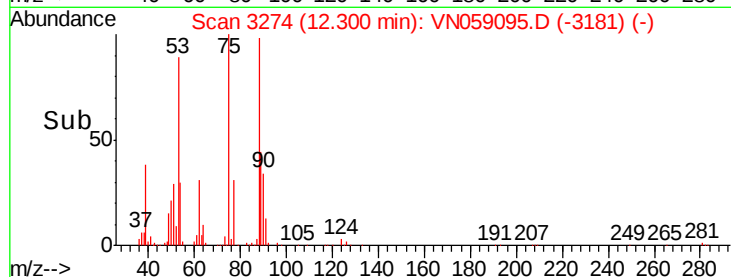
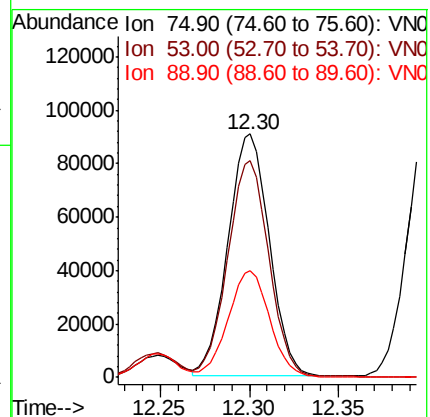
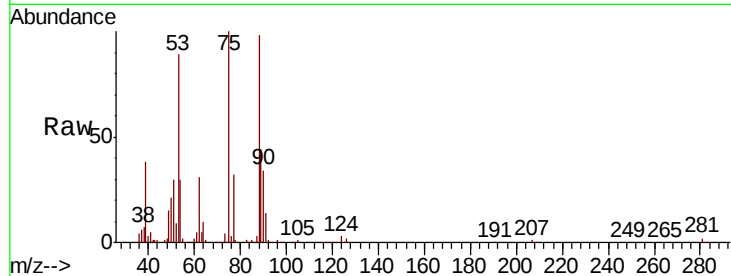
Tot Ion: 75 Resp: 146040

Ion Ratio Lower Upper

75 100

53 90.2 72.2 108.2

89 44.8 35.8 53.8



#82

4-Chlorotoluene

Concen: 47.765 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN059095.D

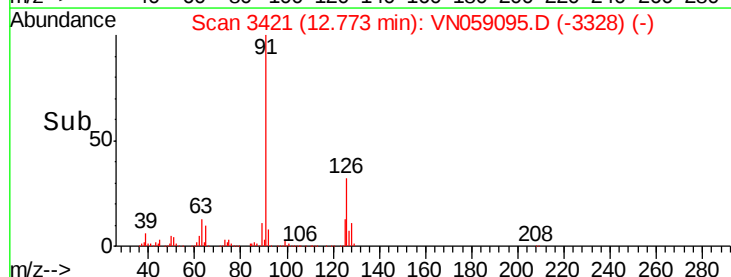
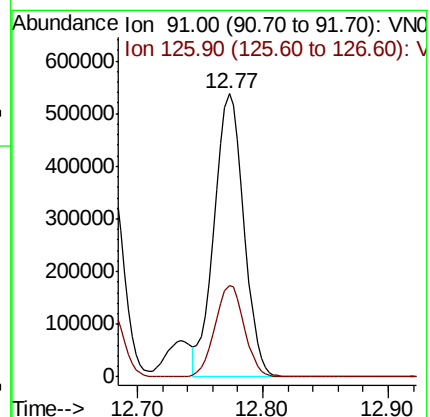
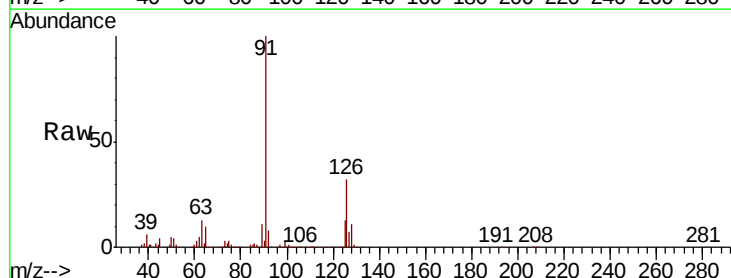
Acq: 6 Nov 2019 10:01

Tgt Ion: 91 Resp: 878184

Ion Ratio Lower Upper

91 100

126 32.1 16.1 48.2

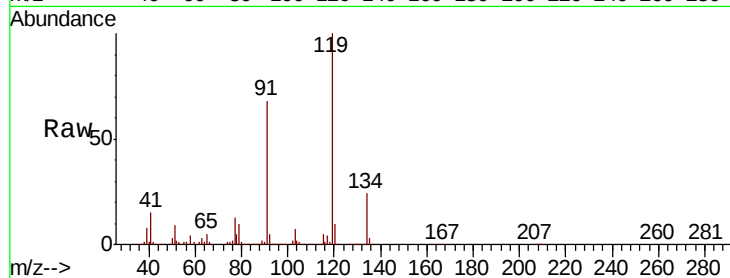




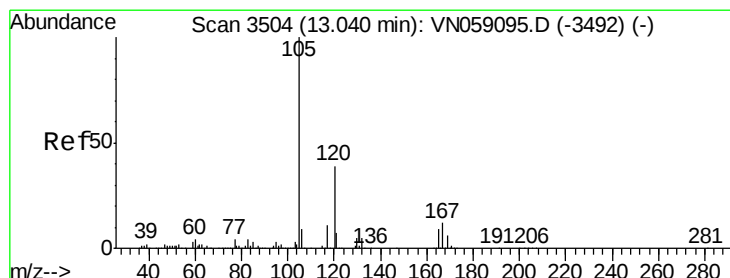
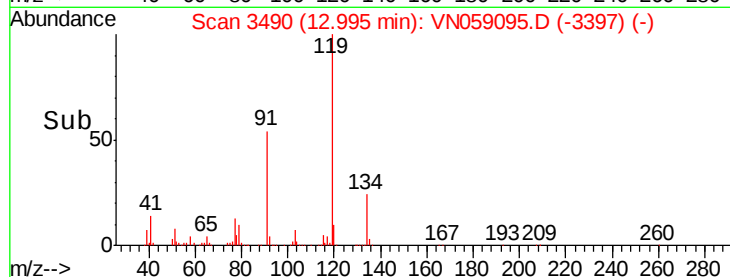
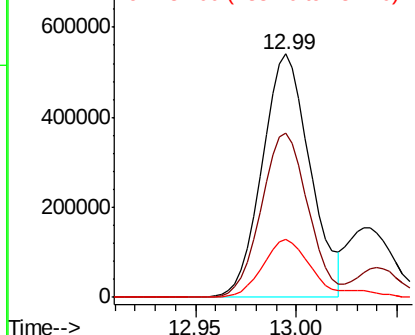
#83  
tert-Butylbenzene  
Concen: 49.126 ug/l  
RT: 12.99 min Scan# 3490  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:119 Resp: 892640  
Ion Ratio Lower Upper  
119 100  
91 66.4 33.2 99.6  
134 25.4 12.7 38.1

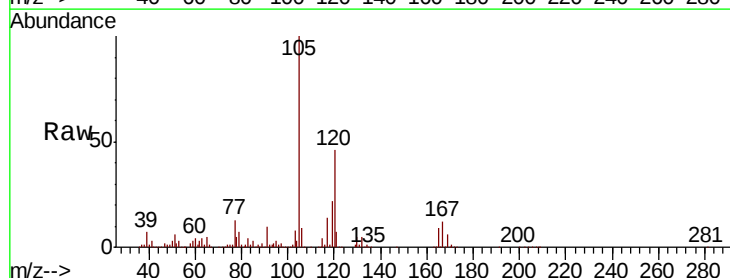


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

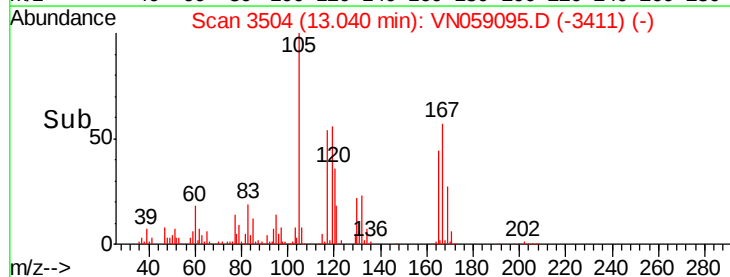
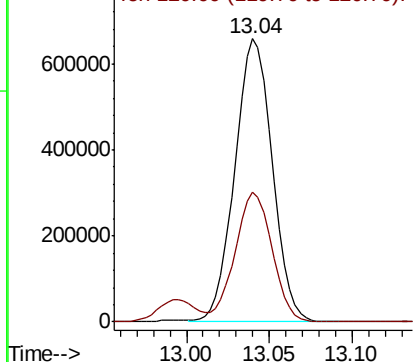


#84  
1,2,4-Trimethylbenzene  
Concen: 49.954 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

Tgt Ion:105 Resp: 1031663  
Ion Ratio Lower Upper  
105 100  
120 45.6 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: 50.396 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

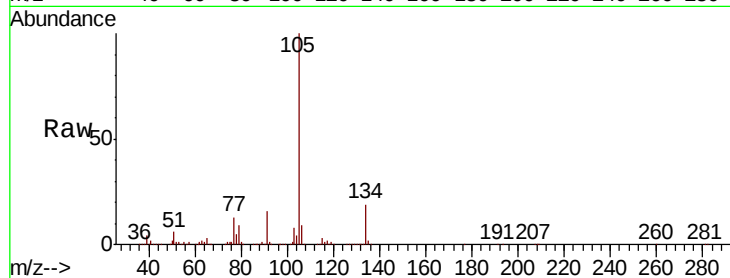
ClientSampleId :

Tot Ion:105 Resp: 1197161

Ion Ratio Lower Upper

105 100

134 19.4 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

800000

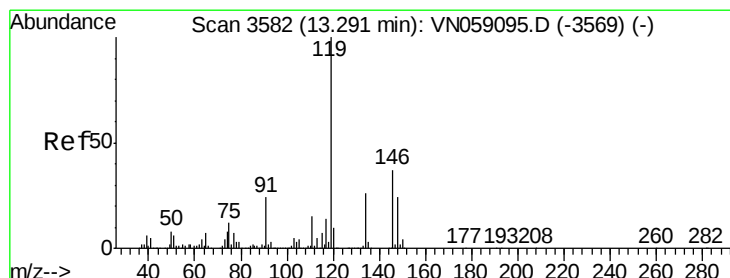
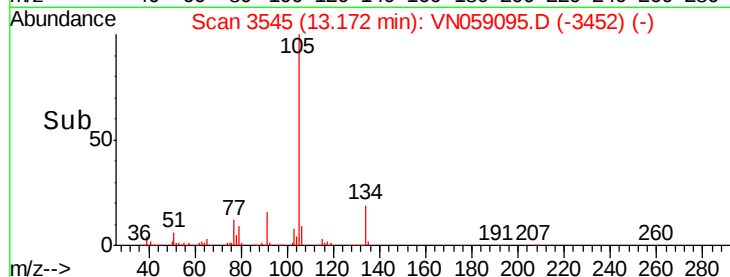
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.638 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

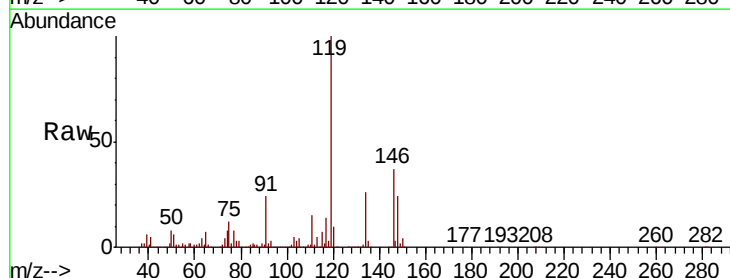
Tgt Ion:119 Resp: 1083318

Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 23.4 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

800000

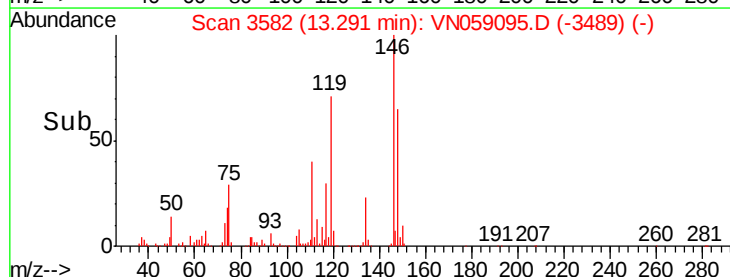
600000

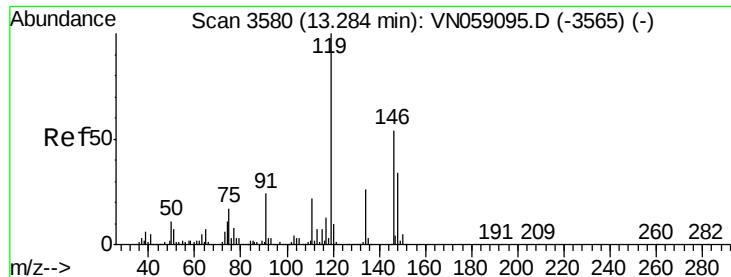
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 46.822 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059095.D

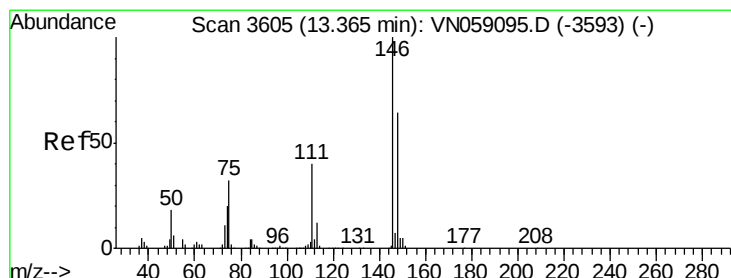
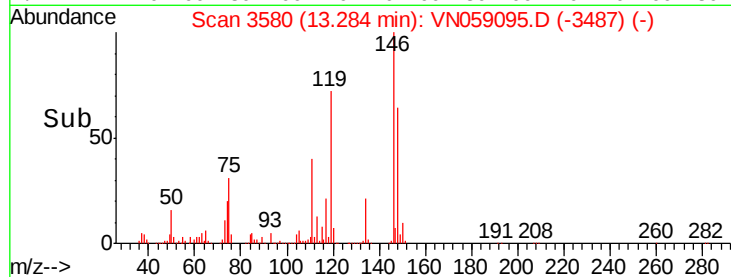
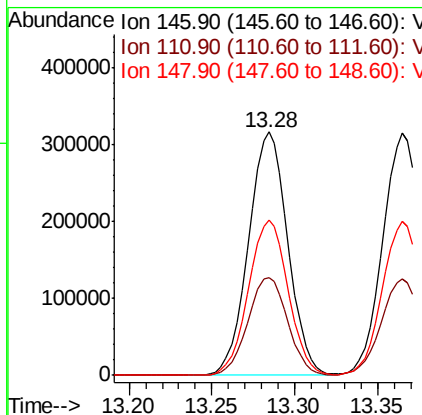
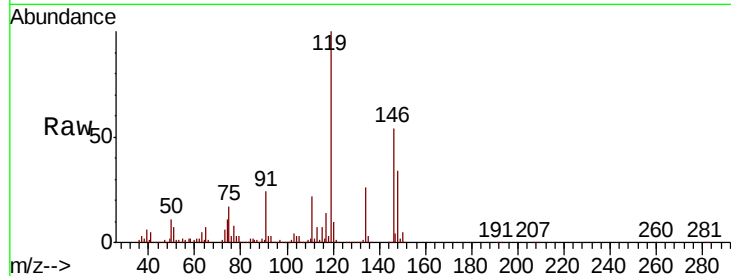
Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 146   | Resp: | 521517 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 40.9  | 20.4  | 61.3   |
| 148      | 64.4  | 32.2  | 96.6   |



#88

1,4-Dichlorobenzene

Concen: 46.805 ug/l

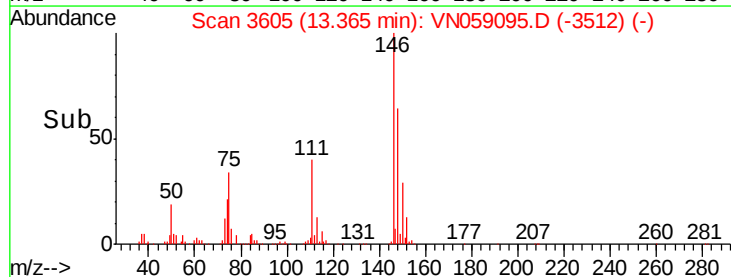
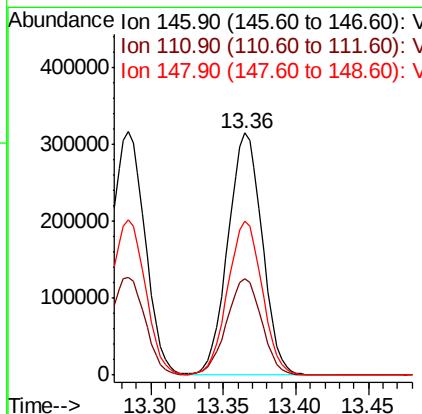
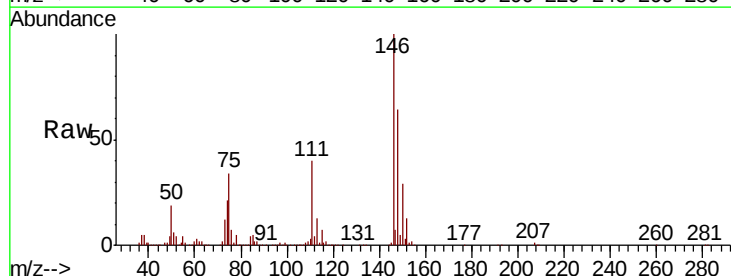
RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 515125 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 40.6  | 20.3  | 60.9   |
| 148      | 63.8  | 31.9  | 95.7   |

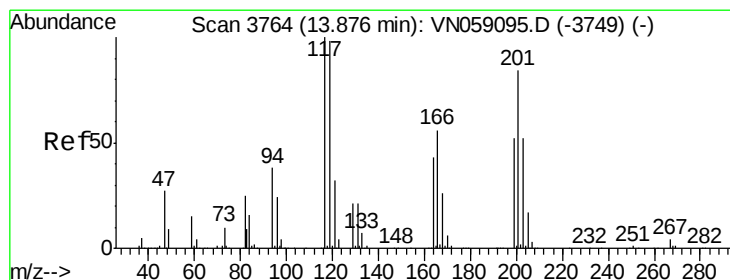
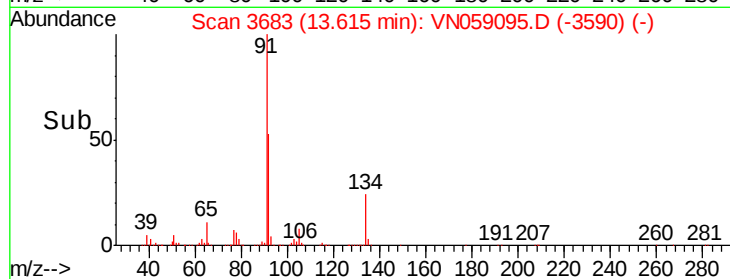
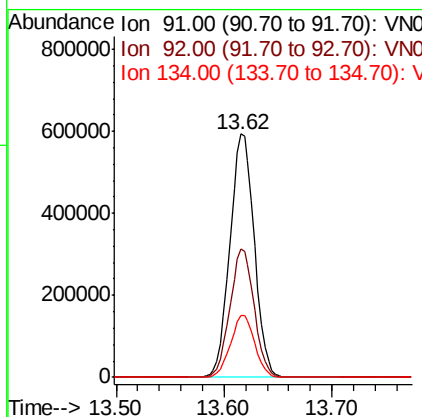
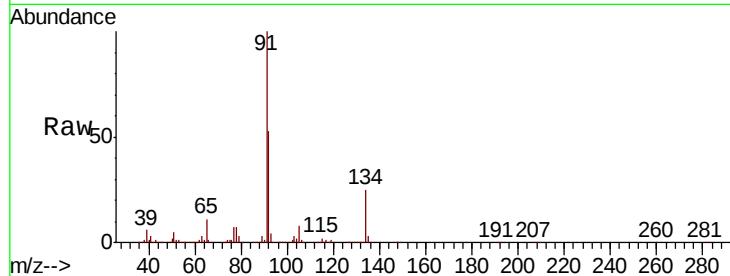




#89  
n-Butylbenzene  
Concen: 50.440 ug/l  
RT: 13.62 min Scan# 3683  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

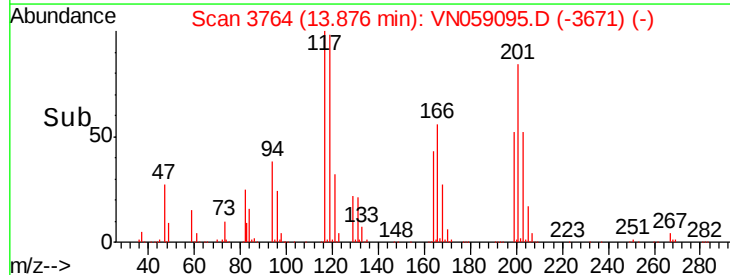
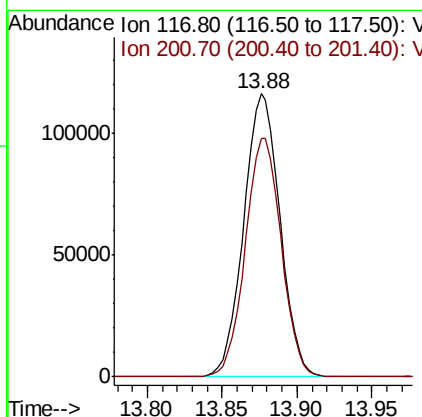
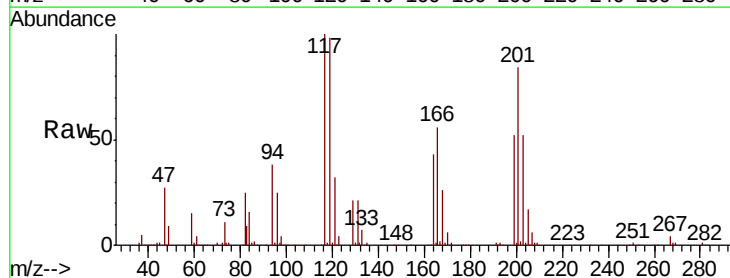
Instrument :  
MSVOA\_N  
ClientSampled :

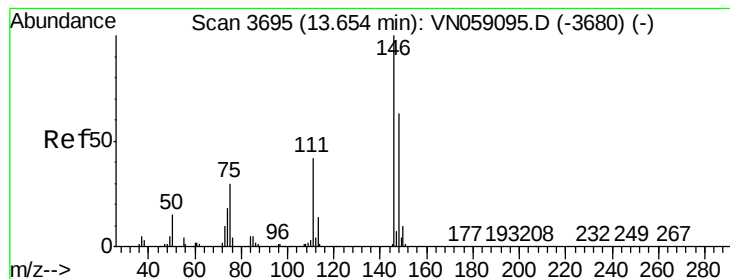
Tot Ion: 91 Resp: 936975  
Ion Ratio Lower Upper  
91 100  
92 52.2 26.1 78.3  
134 25.2 12.6 37.8



#90  
Hexachloroethane  
Concen: 46.221 ug/l  
RT: 13.88 min Scan# 3764  
Delta R.T. 0.00 min  
Lab File: VN059095.D  
Acq: 6 Nov 2019 10:01

Tgt Ion: 117 Resp: 196267  
Ion Ratio Lower Upper  
117 100  
201 83.5 41.8 125.3





#91

1,2-Dichlorobenzene

Concen: 46.659 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

ClientSampleId :

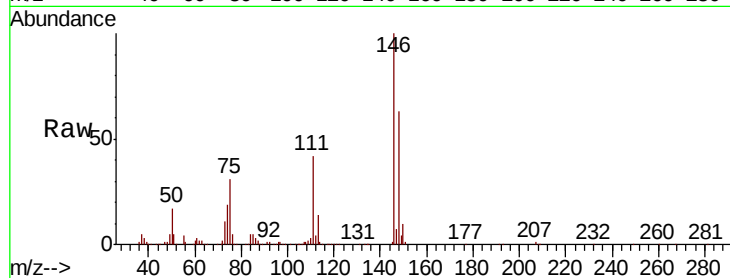
Tot Ion:146 Resp: 518417

Ion Ratio Lower Upper

146 100

111 42.4 21.2 63.6

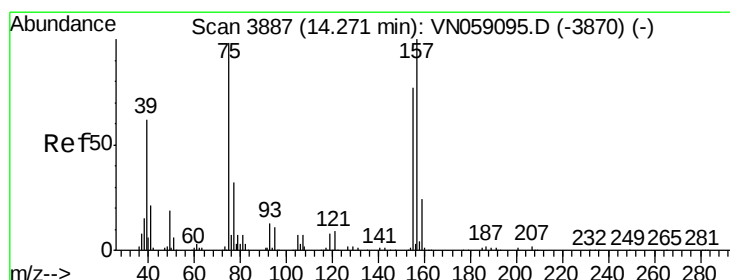
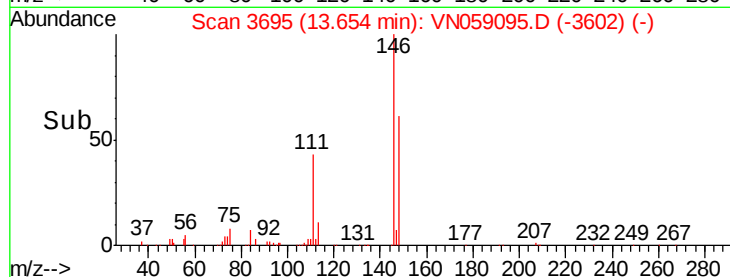
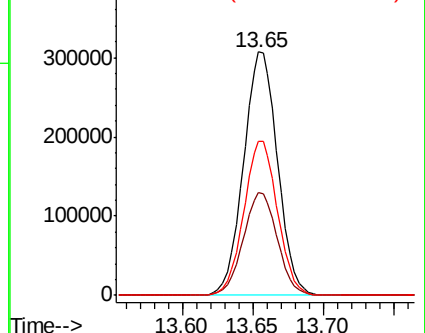
148 63.1 31.6 94.7



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.733 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

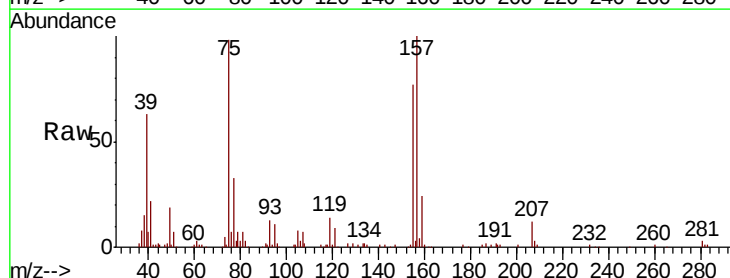
Tgt Ion: 75 Resp: 82324

Ion Ratio Lower Upper

75 100

155 80.4 40.2 120.6

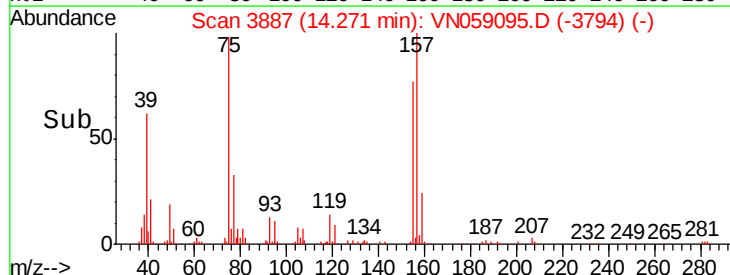
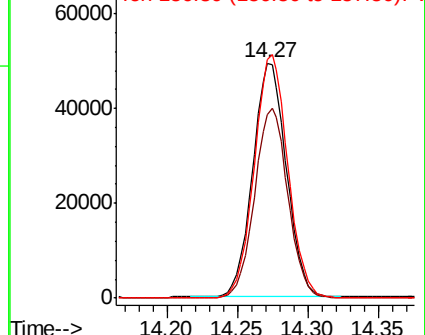
157 103.7 51.8 155.5



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

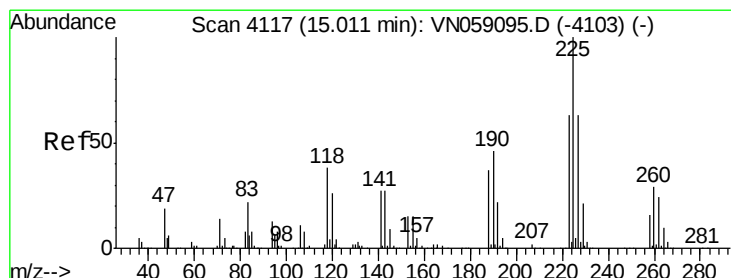
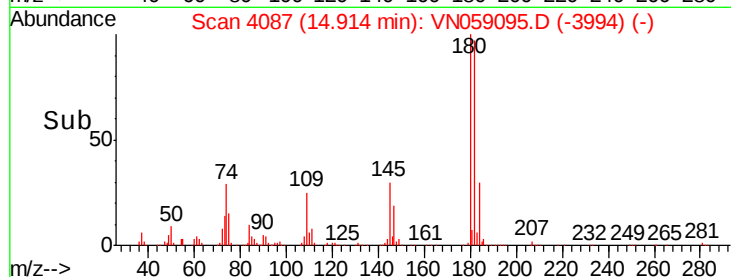
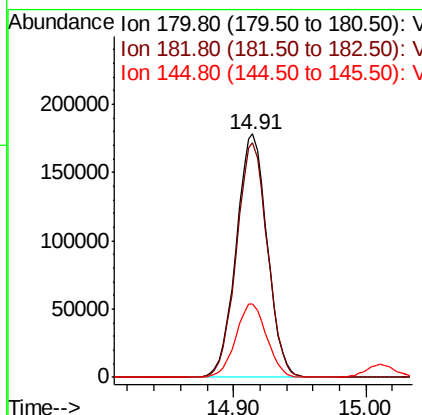
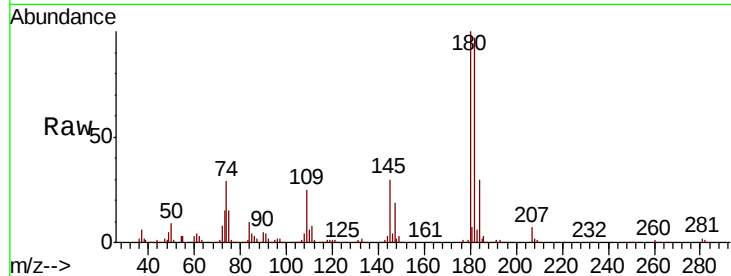




#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.536 ug/l  
 RT: 14.91 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN059095.D  
 Acq: 6 Nov 2019 10:01

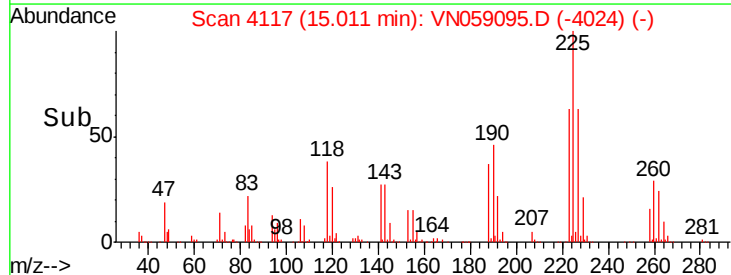
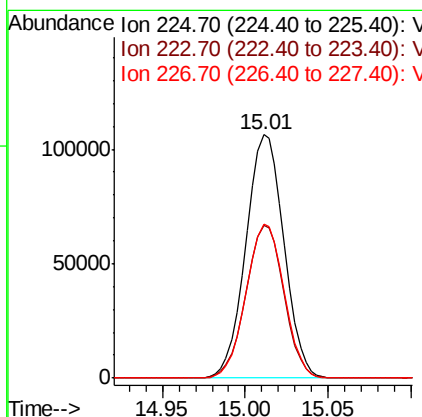
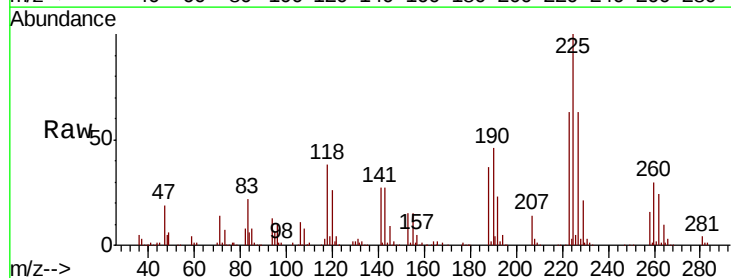
Instrument :  
 MSVOA\_N  
 ClientSampled :

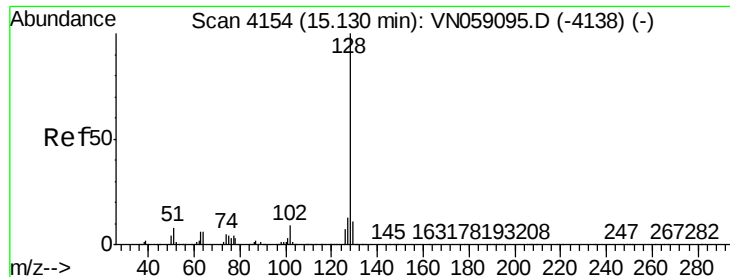
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 48.1  | 144.3 |
| 145     | 30.2  | 15.1  | 45.3  |



#94  
 Hexachlorobutadiene  
 Concen: 47.280 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN059095.D  
 Acq: 6 Nov 2019 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.6  | 31.3  | 93.9  |
| 227     | 63.0  | 31.5  | 94.5  |





#95

Naphthalene

Concen: 48.417 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

Instrument :

MSVOA\_N

ClientSampled :

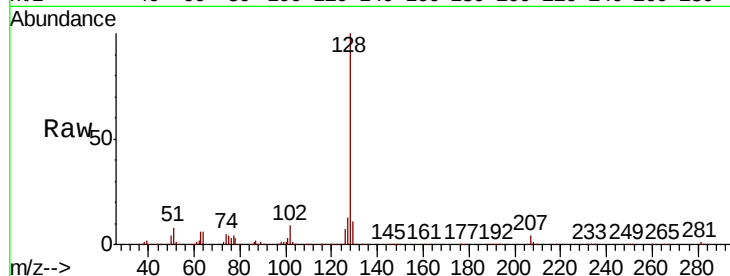
Tot Ion:128 Resp: 790292

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.7 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

600000

500000

400000

300000

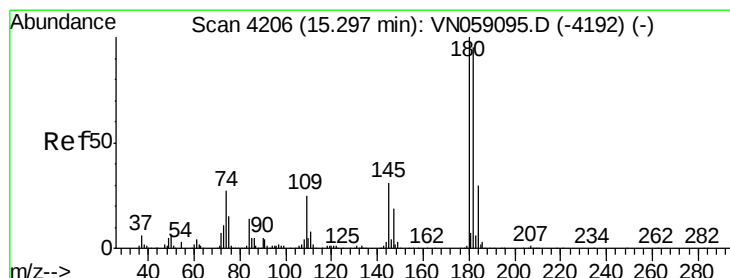
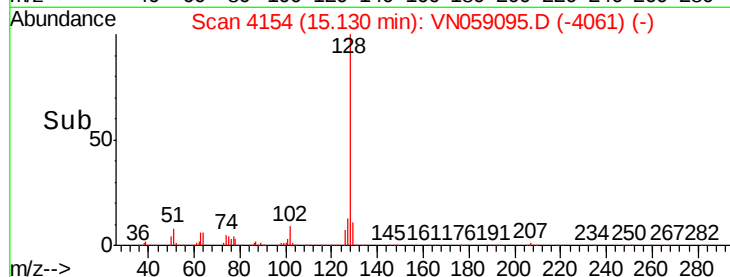
200000

100000

0

15.10 15.20

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 47.611 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059095.D

Acq: 6 Nov 2019 10:01

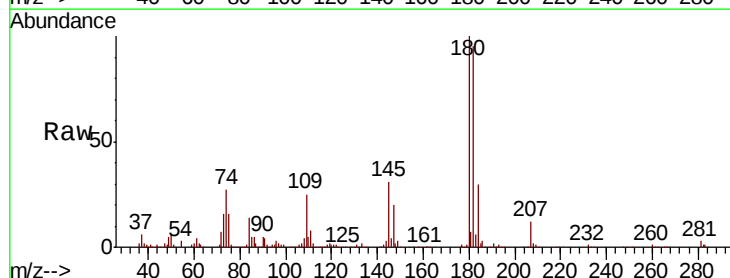
Tgt Ion:180 Resp: 290100

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 31.5 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

200000

150000

100000

50000

0

15.25 15.30 15.35

Time-->

