

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\  
 Data File : VN052884.D  
 Acq On : 14 Dec 2018 13:03  
 Operator : MD\SY  
 Sample : VN1214WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 9 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 15 02:53:11 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Nov 27 00:48:33 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 7.20  | 128  | 206782   | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.59  | 114  | 1201959  | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.41 | 117  | 1036089  | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |        |
|---------------------------|--------|-------|----------|----------|------|--------|
| 27) 1,2-Dichloroethane-d4 | 8.03   | 65    | 400315   | 28.41    | ug/l | 0.00   |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 94.70% |
| 60) 4-Bromofluorobenzene  | 12.40  | 95    | 460290   | 29.06    | ug/l | 0.00   |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 96.87% |
| 63) Toluene-d8            | 10.09  | 98    | 1415324  | 29.46    | ug/l | 0.00   |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 98.20% |

## Target Compounds

|                               |      |     |         |         | Ovalue     |
|-------------------------------|------|-----|---------|---------|------------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 208170  | 17.676  | ug/l 98    |
| 3) Chloromethane              | 2.06 | 50  | 257978  | 16.517  | ug/l 99    |
| 4) Vinyl Chloride             | 2.19 | 62  | 288961  | 18.331  | ug/l 97    |
| 5) Bromomethane               | 2.58 | 94  | 167742  | 18.662  | ug/l 99    |
| 6) Chloroethane               | 2.72 | 64  | 178584  | 19.050  | ug/l 100   |
| 7) Trichlorofluoromethane     | 3.03 | 101 | 386844  | 19.884  | ug/l 99    |
| 8) Diethyl Ether              | 3.41 | 74  | 141394  | 19.683  | ug/l 95    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.77 | 101 | 246756  | 20.008  | ug/l 96    |
| 10) 1,1-Dichloroethene        | 3.75 | 96  | 233615  | 20.146  | ug/l 95    |
| 11) Methyl Iodide             | 3.96 | 142 | 312503  | 19.410  | ug/l 99    |
| 12) Methyl Acetate            | 4.33 | 43  | 202335  | 20.536  | ug/l 100   |
| 13) Acrolein                  | 3.61 | 56  | 13035   | 11.263  | ug/l 96    |
| 14) Acrylonitrile             | 4.99 | 53  | 393206  | 93.665  | ug/l 99    |
| 15) Acetone                   | 3.82 | 58  | 94640   | 87.050  | ug/l 99    |
| 16) Carbon Disulfide          | 4.06 | 76  | 637875  | 17.375  | ug/l 100   |
| 17) Allyl chloride            | 4.33 | 41  | 356241  | 17.616  | ug/l 98    |
| 18) Methylene Chloride        | 4.56 | 84  | 268455  | 19.995  | ug/l 94    |
| 19) trans-1,2-Dichloroethene  | 5.05 | 96  | 250598  | 20.081  | ug/l 94    |
| 20) Diisopropyl ether         | 5.95 | 45  | 839370  | 19.751  | ug/l 97    |
| 21) 1,1-Dichloroethane        | 5.85 | 63  | 477522  | 19.714  | ug/l 99    |
| 22) cis-1,2-Dichloroethene    | 6.83 | 96  | 294676  | 20.604  | ug/l 97    |
| 23) tert-Butyl Alcohol        | 4.77 | 59  | 67880   | 108.696 | ug/l # 100 |
| 24) Methyl tert-Butyl Ether   | 5.04 | 73  | 634897  | 20.871  | ug/l 97    |
| 25) Chloroform                | 7.37 | 83  | 481700  | 20.614  | ug/l 100   |
| 26) Cyclohexane               | 7.66 | 56  | 431483  | 18.887  | ug/l 98    |
| 29) 1,1-Dichloropropene       | 7.80 | 75  | 363911  | 19.826  | ug/l 99    |
| 30) 2-Butanone                | 6.83 | 43  | 453978  | 92.431  | ug/l 98    |
| 31) 2,2-Dichloropropane       | 6.83 | 77  | 349397  | 20.677  | ug/l 100   |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 393486  | 20.602  | ug/l 98    |
| 33) Carbon Tetrachloride      | 7.78 | 117 | 331607  | 19.843  | ug/l 99    |
| 34) Benzene                   | 8.04 | 78  | 1099522 | 19.924  | ug/l 98    |
| 35) Methacrylonitrile         | 7.18 | 41  | 118073  | 19.376  | ug/l 99    |
| 36) 1,2-Dichloroethane        | 8.13 | 62  | 331701  | 19.835  | ug/l 99    |
| 37) Trichloroethene           | 8.84 | 130 | 315079  | 22.516  | ug/l 96    |
| 38) Methylcyclohexane         | 9.08 | 83  | 424931  | 18.701  | ug/l 97    |
| 39) 1,2-Dichloropropane       | 9.12 | 63  | 291820  | 19.727  | ug/l 98    |
| 40) Dibromomethane            | 9.21 | 93  | 164103  | 20.529  | ug/l 96    |

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 Sample : VN1214WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 9 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 15 02:53:11 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Nov 27 00:48:33 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 41) Bromodichloromethane       | 9.40  | 83   | 345890   | 19.584  | ug/l   | 97       |
| 42) Vinyl Acetate              | 5.90  | 43   | 2454295  | 92.355  | ug/l   | 97       |
| 43) Ethyl Acetate              | 6.93  | 43   | 200326   | 19.181  | ug/l # | 69       |
| 44) Isopropyl Acetate          | 8.16  | 43   | 375455   | 20.498  | ug/l # | 76       |
| 45) 1,4-Dioxane                | 9.20  | 88   | 39701    | 396.205 | ug/l   | 94       |
| 46) Methyl methacrylate        | 9.20  | 41   | 188789   | 19.851  | ug/l   | 97       |
| 47) n-amyl Acetate             | 12.07 | 43   | 385547   | 25.387  | ug/l   | 97       |
| 48) t-1,3-Dichloropropene      | 10.38 | 75   | 332408   | 19.411  | ug/l   | 100      |
| 49) cis-1,3-Dichloropropene    | 9.84  | 75   | 410863   | 19.692  | ug/l   | 97       |
| 50) 1,1,2-Trichloroethane      | 10.56 | 97   | 234464   | 20.691  | ug/l   | 99       |
| 51) Ethyl methacrylate         | 10.43 | 69   | 310539   | 21.820  | ug/l   | 94       |
| 52) 1,3-Dichloropropane        | 10.71 | 76   | 400351   | 19.849  | ug/l   | 99       |
| 53) Dibromochloromethane       | 10.90 | 129  | 240450   | 19.274  | ug/l   | 97       |
| 54) 1,2-Dibromoethane          | 11.01 | 107  | 222559   | 20.100  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether  | 9.70  | 63   | 853647   | 102.472 | ug/l   | 98       |
| 56) Bromoform                  | 12.13 | 173  | 141111   | 17.305  | ug/l   | 99       |
| 58) 4-Methyl-2-Pentanone       | 9.99  | 43   | 1066998  | 106.226 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.75 | 43   | 712315   | 103.812 | ug/l   | 98       |
| 61) Tetrachloroethene          | 10.63 | 164  | 385787   | 30.232  | ug/l   | 96       |
| 62) Toluene                    | 10.16 | 91   | 1176000  | 20.589  | ug/l   | 99       |
| 64) Chlorobenzene              | 11.43 | 112  | 723206   | 20.745  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 252952   | 20.903  | ug/l   | 99       |
| 66) Ethyl Benzene              | 11.51 | 91   | 1260175  | 20.471  | ug/l   | 98       |
| 67) m/p-Xylenes                | 11.62 | 106  | 945031   | 41.207  | ug/l   | 98       |
| 68) o-Xylene                   | 11.95 | 106  | 455953   | 20.483  | ug/l   | 98       |
| 69) Styrene                    | 11.96 | 104  | 738255   | 20.548  | ug/l   | 99       |
| 70) Isopropylbenzene           | 12.25 | 105  | 1232500  | 20.810  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 211923   | 16.449  | ug/l   | 100      |
| 72) 1,2,3-Trichloropropane     | 12.55 | 75   | 315303   | 28.510  | ug/l   | 50       |
| 73) Bromobenzene               | 12.53 | 156  | 299031   | 20.876  | ug/l   | 94       |
| 74) n-propylbenzene            | 12.59 | 91   | 1386414  | 20.091  | ug/l   | 98       |
| 75) 2-Chlorotoluene            | 12.68 | 91   | 806238   | 20.129  | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 988268   | 20.659  | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene    | 12.30 | 75   | 61876    | 17.711  | ug/l   | 98       |
| 78) 4-Chlorotoluene            | 12.77 | 91   | 1017078  | 25.427  | ug/l   | 88       |
| 79) tert-butylbenzene          | 12.99 | 119  | 876315   | 21.035  | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 983460   | 20.546  | ug/l   | 100      |
| 81) sec-Butylbenzene           | 13.17 | 105  | 1163872  | 20.057  | ug/l   | 100      |
| 82) p-Isopropyltoluene         | 13.29 | 119  | 991127   | 20.059  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene        | 13.28 | 146  | 506650   | 20.111  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene        | 13.36 | 146  | 501647   | 20.610  | ug/l   | 99       |
| 85) n-Butylbenzene             | 13.62 | 91   | 819731   | 19.313  | ug/l   | 99       |
| 86) Hexachloroethane           | 13.88 | 117  | 133928   | 15.997  | ug/l   | 95       |
| 87) 1,2-Dichlorobenzene        | 13.65 | 146  | 474468   | 19.791  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 32623    | 18.077  | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 273168   | 23.128  | ug/l   | 99       |
| 90) Hexachlorobutadiene        | 15.01 | 225  | 148739   | 19.197  | ug/l   | 98       |
| 91) Naphthalene                | 15.13 | 128  | 610145   | 25.580  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene     | 15.31 | 180  | 247027   | 22.695  | ug/l   | 97       |

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Sample : VN1214WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 9 Sample Multiplier: 28

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Dec 15 02:53:11 2018  
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Tue Nov 27 00:48:33 2018  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

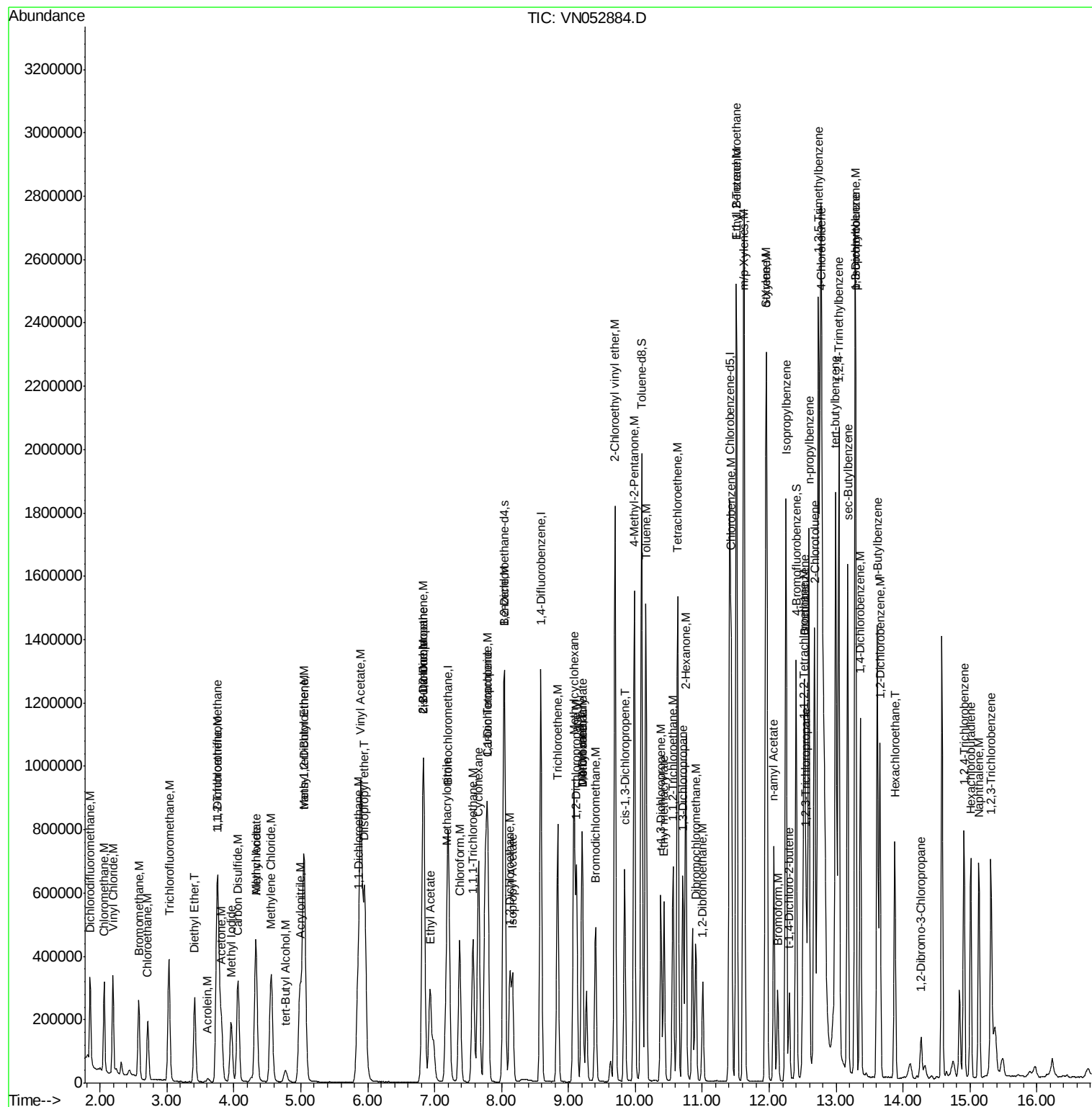
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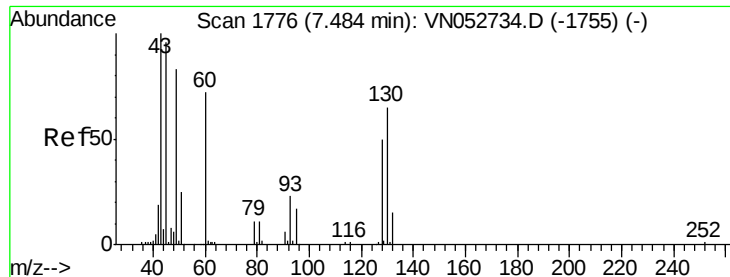
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121418\  
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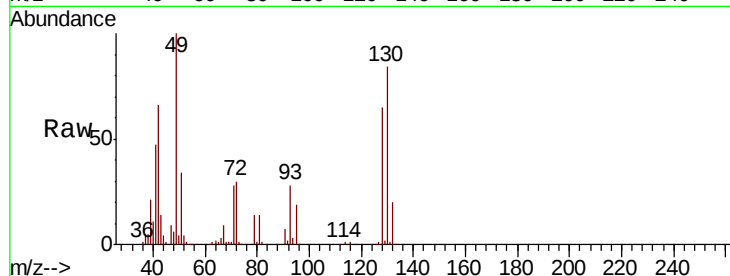




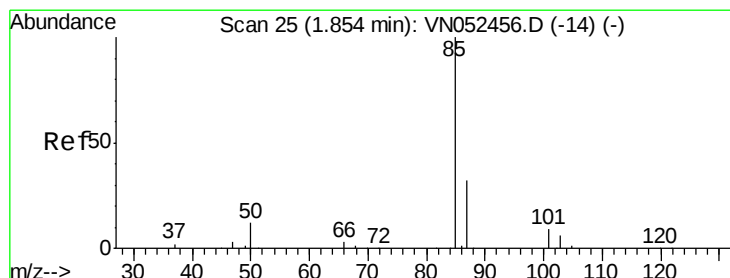
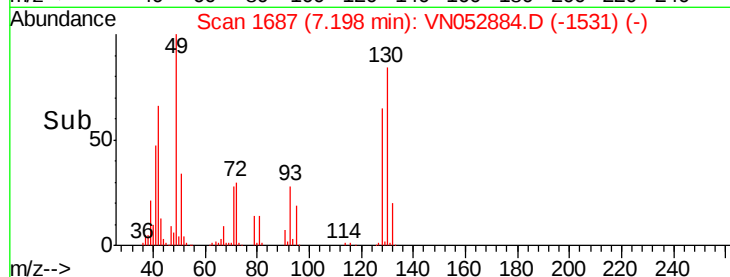
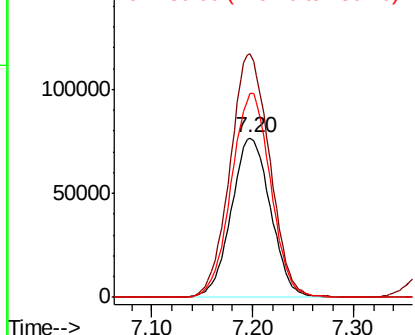
#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.20 min Scan# 1687  
Delta R.T. 0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:128 Resp: 206782  
Ion Ratio Lower Upper  
128 100  
49 155.0 0.0 431.8  
130 128.4 0.0 317.0

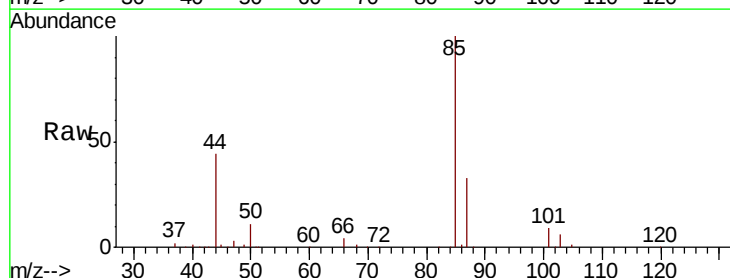


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 49.00 (48.70 to 49.70): VN  
Ion 130.00 (129.70 to 130.70): V

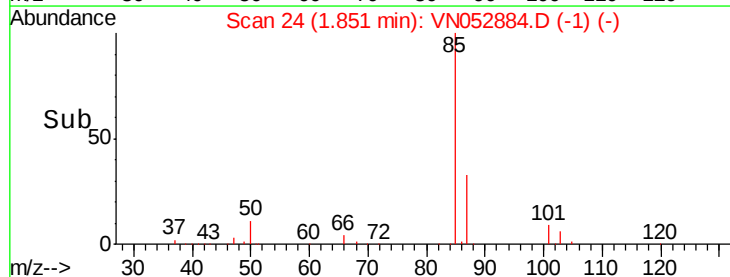
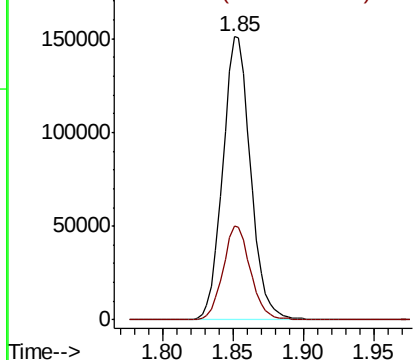


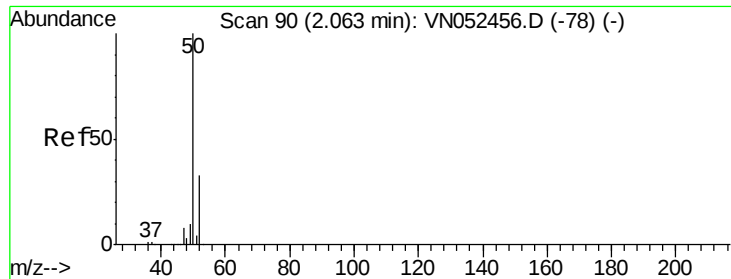
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Dichlorodifluoromethane  
Concen: 17.676 ug/l  
RT: 1.85 min Scan# 24  
Delta R.T. -0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

Tgt Ion: 85 Resp: 208170  
Ion Ratio Lower Upper  
85 100  
87 33.2 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VN  
Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 16.517 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

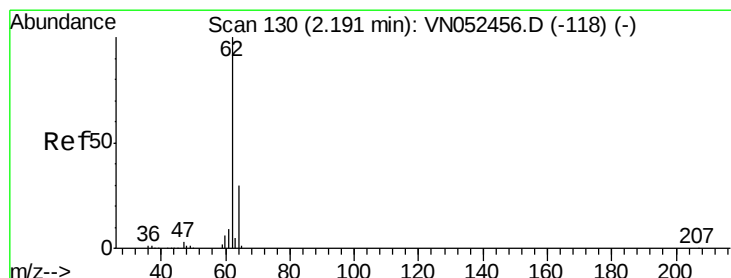
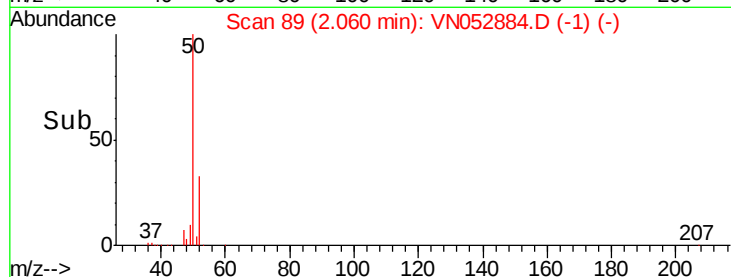
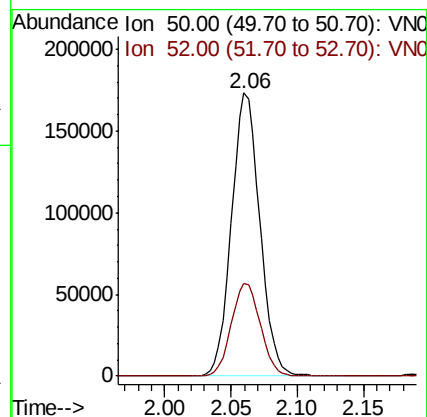
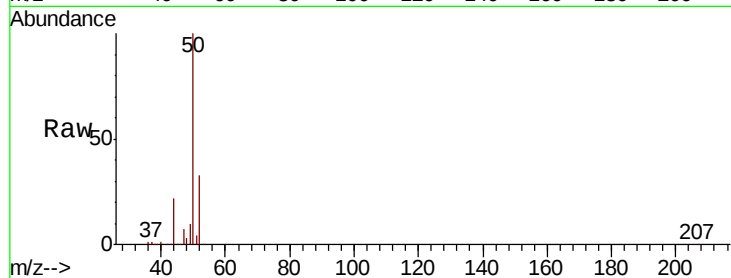
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 50 Resp: 257978

Ion Ratio Lower Upper

50 100

52 32.8 26.5 39.7



#4

Vinyl Chloride

Concen: 18.331 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052884.D

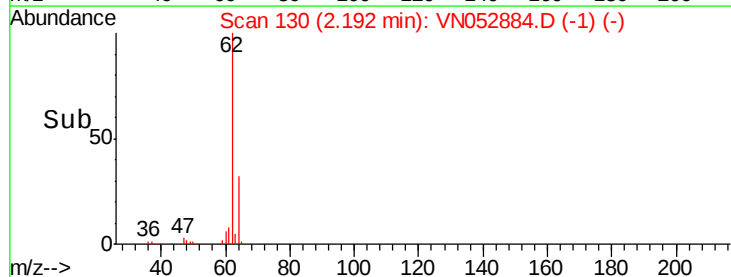
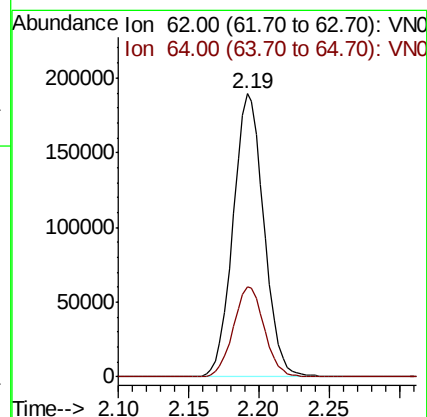
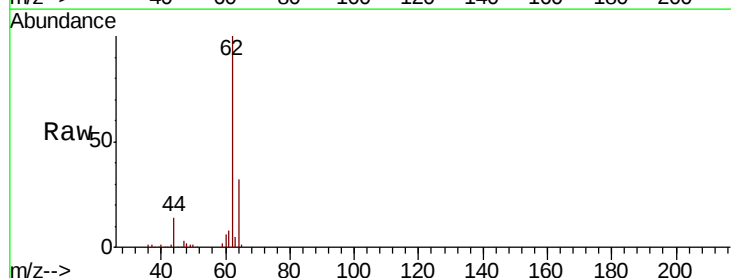
Acq: 14 Dec 2018 13:03

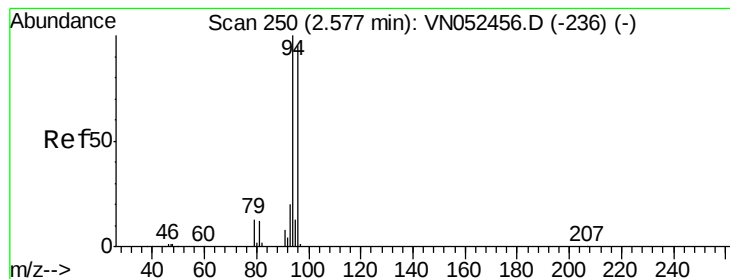
Tgt Ion: 62 Resp: 288961

Ion Ratio Lower Upper

62 100

64 31.9 24.2 36.4





#5

Bromomethane

Concen: 18.662 ug/l

RT: 2.58 min Scan# 251

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

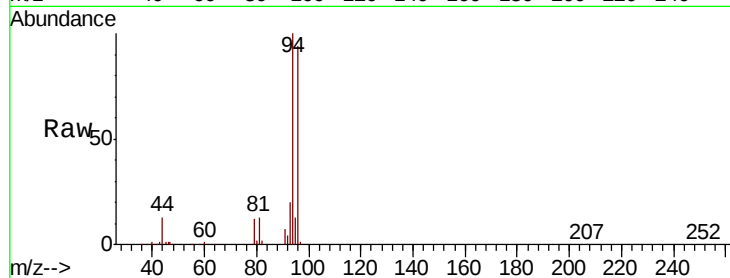
ClientSampled :

Tot Ion: 94 Resp: 167742

Ion Ratio Lower Upper

94 100

96 94.4 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

2.58

100000

80000

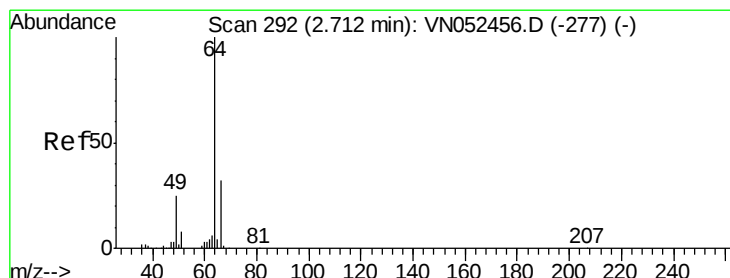
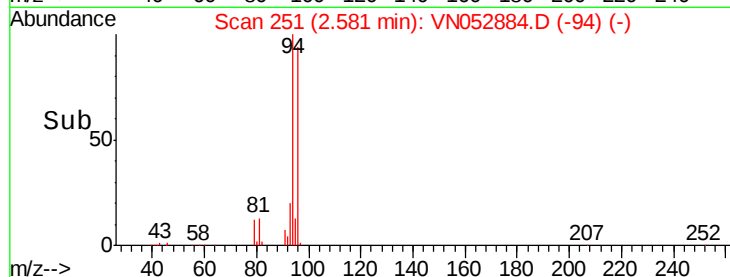
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 19.050 ug/l

RT: 2.72 min Scan# 293

Delta R.T. 0.00 min

Lab File: VN052884.D

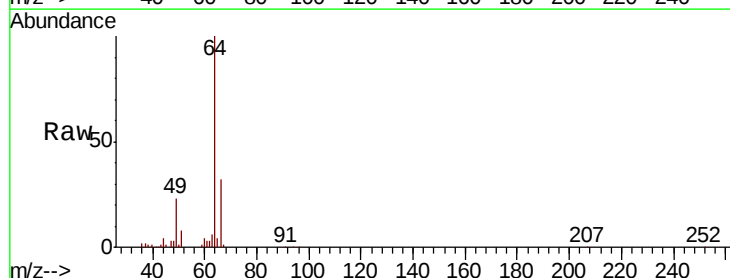
Acq: 14 Dec 2018 13:03

Tgt Ion: 64 Resp: 178584

Ion Ratio Lower Upper

64 100

66 31.8 25.6 38.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

2.72

100000

80000

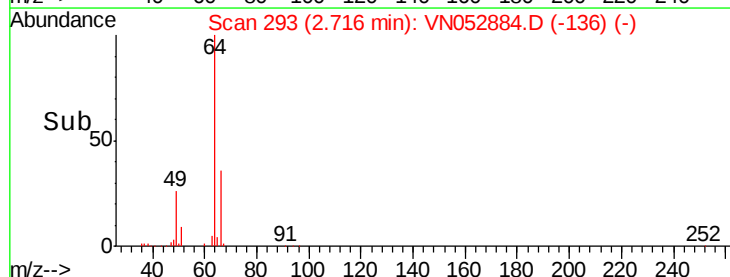
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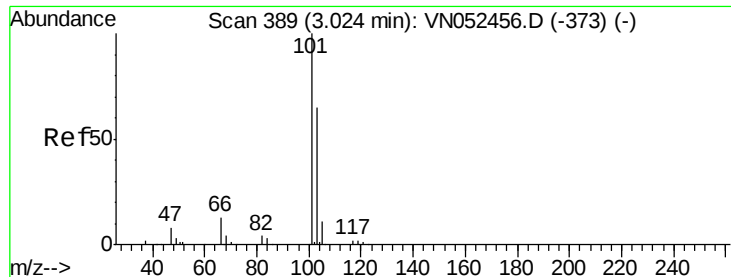
40000

20000

0

Time-->



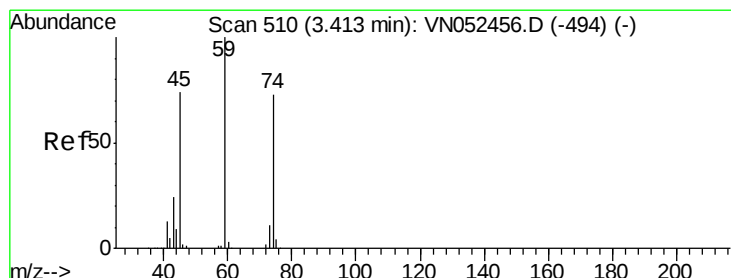
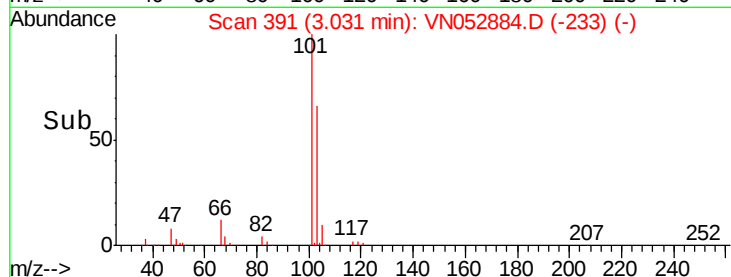
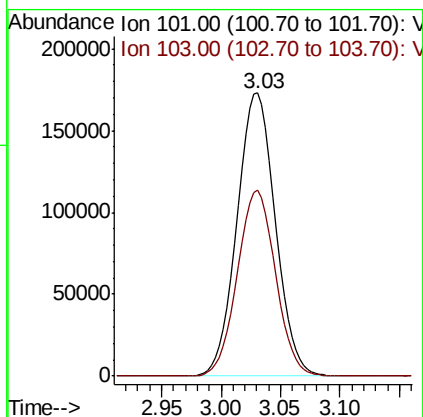
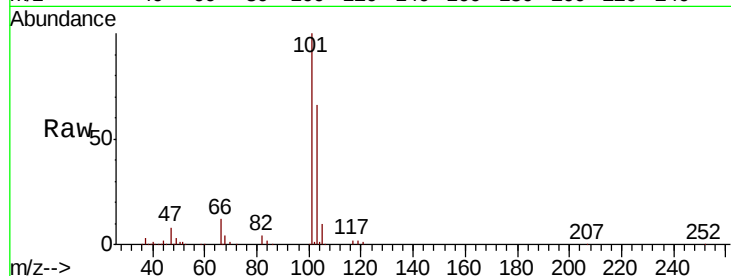


#7

Trichlorofluoromethane  
 Concen: 19.884 ug/l  
 RT: 3.03 min Scan# 391  
 Delta R.T. 0.01 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

Instrument :  
 MSVOA\_N  
 ClientSampleId :

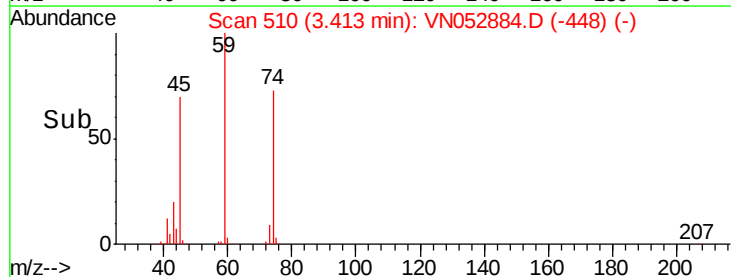
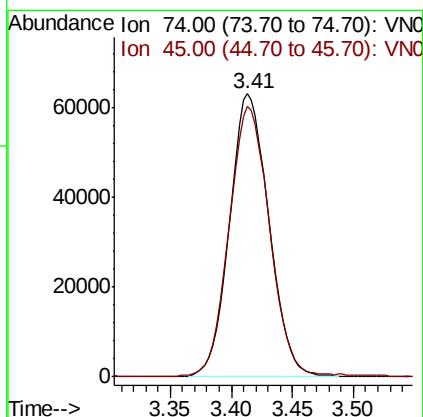
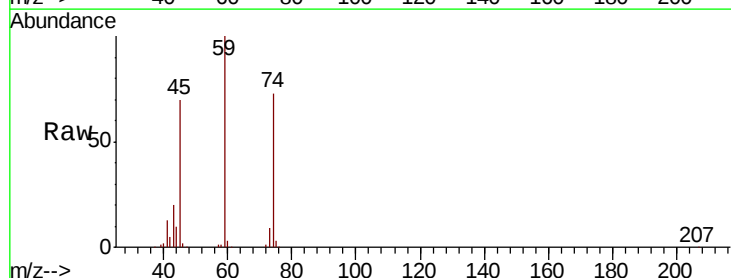
Tot Ion:101 Resp: 386844  
 Ion Ratio Lower Upper  
 101 100  
 103 65.6 52.1 78.1

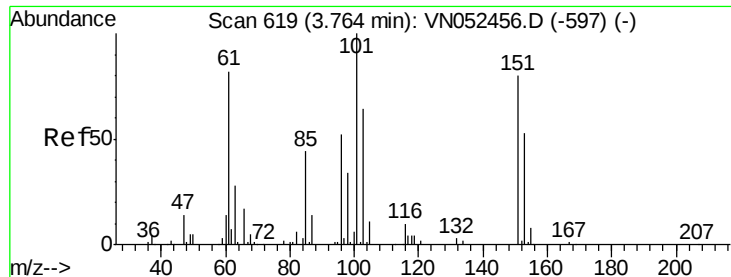


#8

Diethyl Ether  
 Concen: 19.683 ug/l  
 RT: 3.41 min Scan# 510  
 Delta R.T. 0.00 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

Tgt Ion: 74 Resp: 141394  
 Ion Ratio Lower Upper  
 74 100  
 45 98.4 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.008 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

ClientSampled :

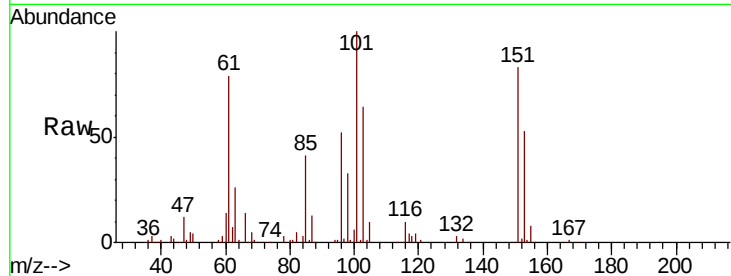
Tot Ion:101 Resp: 246756

Ion Ratio Lower Upper

101 100

85 42.1 0.0 82.6

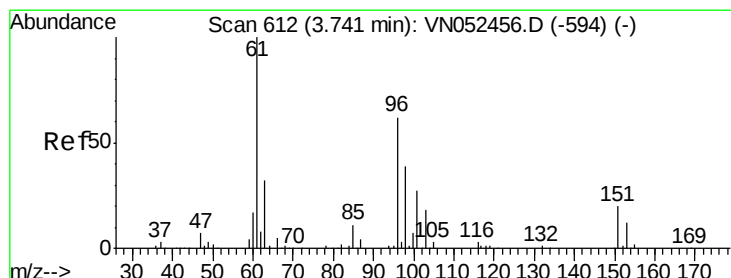
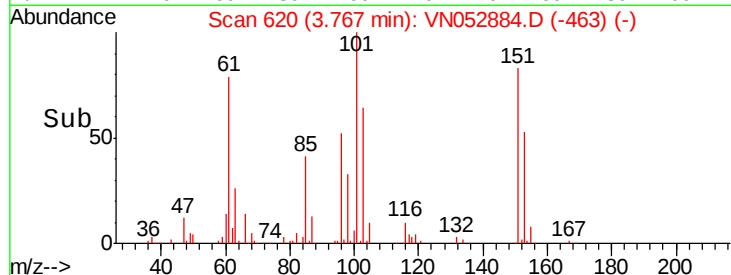
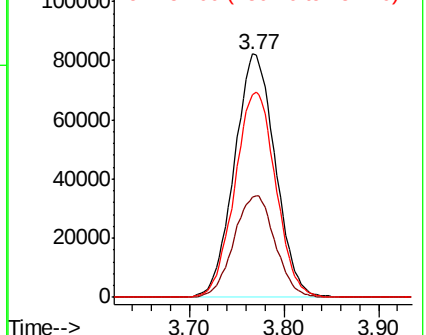
151 84.4 0.0 158.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.146 ug/l

RT: 3.75 min Scan# 614

Delta R.T. 0.01 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

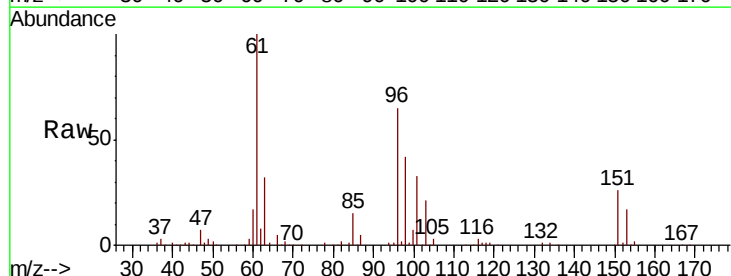
Tgt Ion: 96 Resp: 233615

Ion Ratio Lower Upper

96 100

61 154.5 129.4 194.2

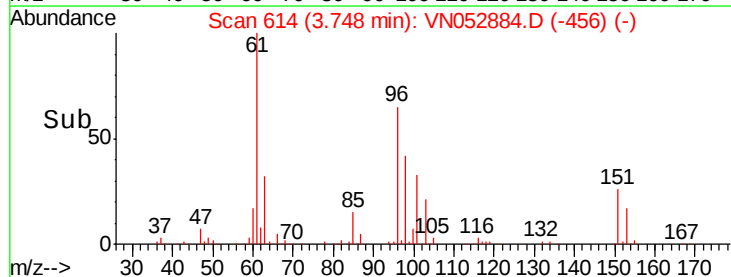
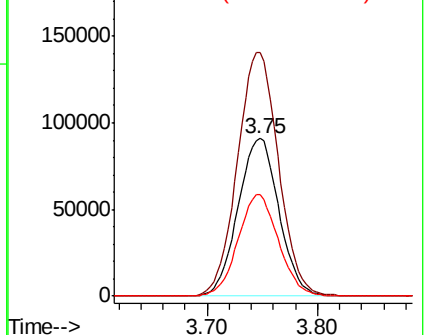
98 64.6 50.4 75.6

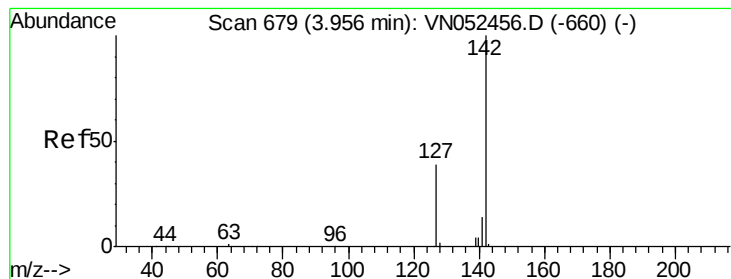


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#11

Methyl Iodide

Concen: 19.410 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

ClientSampled :

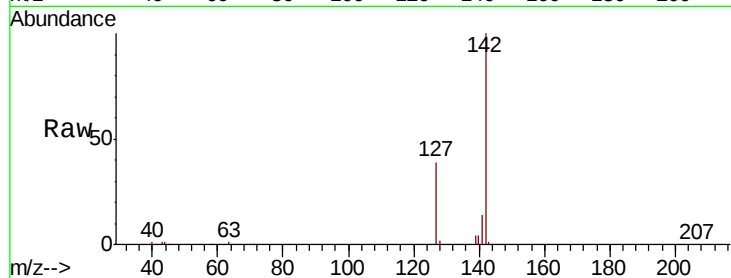
Tot Ion:142 Resp: 312503

Ion Ratio Lower Upper

142 100

127 39.4 19.4 58.1

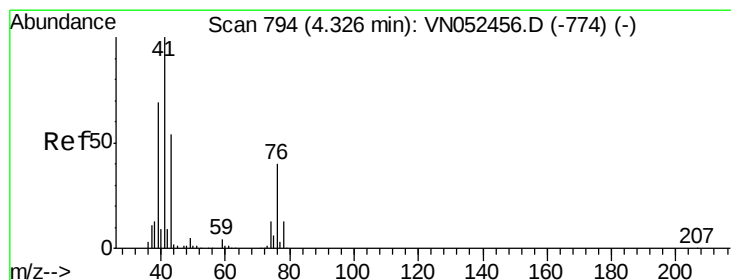
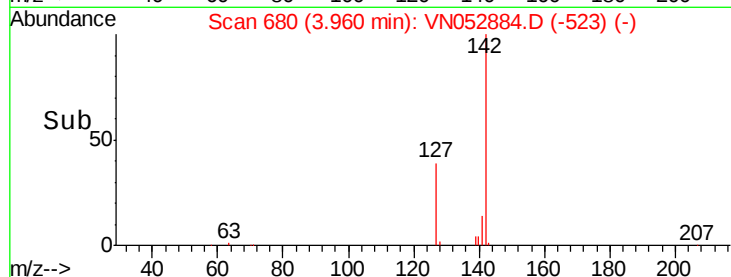
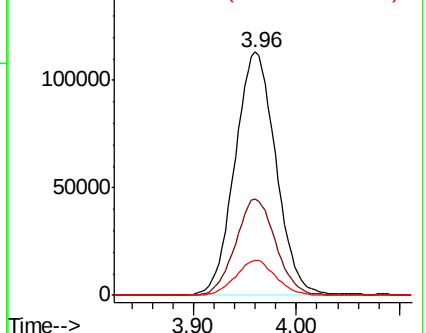
141 14.2 7.2 21.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 20.536 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052884.D

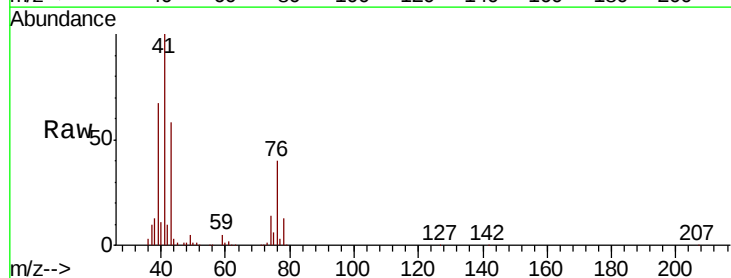
Acq: 14 Dec 2018 13:03

Tgt Ion: 43 Resp: 202335

Ion Ratio Lower Upper

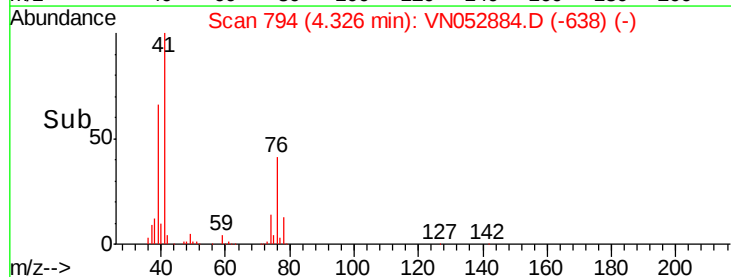
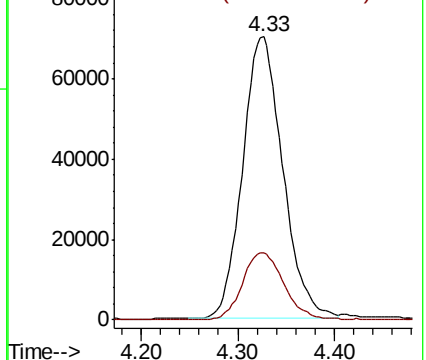
43 100

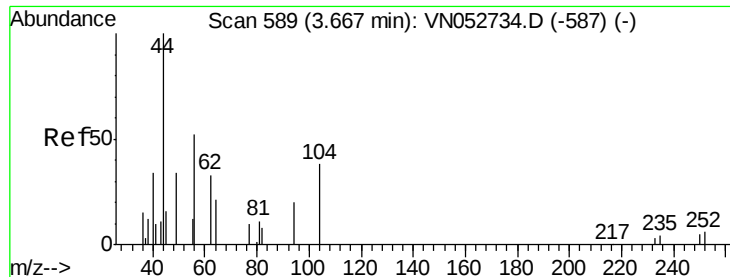
74 23.8 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 11.263 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

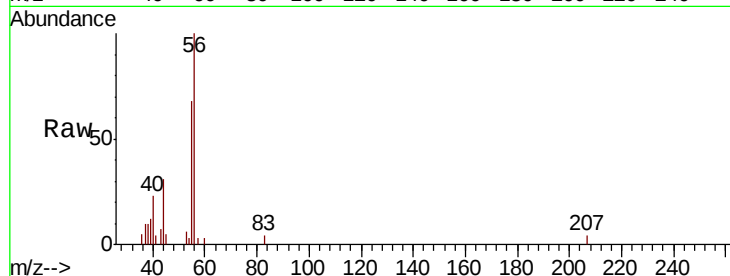
ClientSampleId :

Tot Ion: 56 Resp: 13035

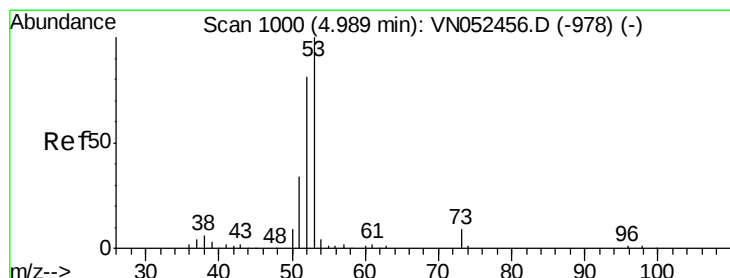
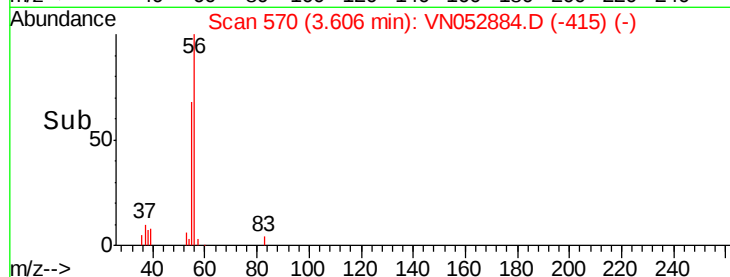
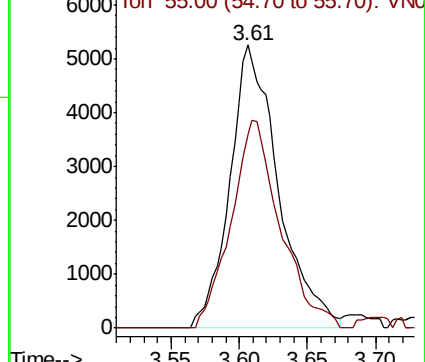
Ion Ratio Lower Upper

56 100

55 73.8 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN052884.D (-415) (-)



#14

Acrylonitrile

Concen: 93.665 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

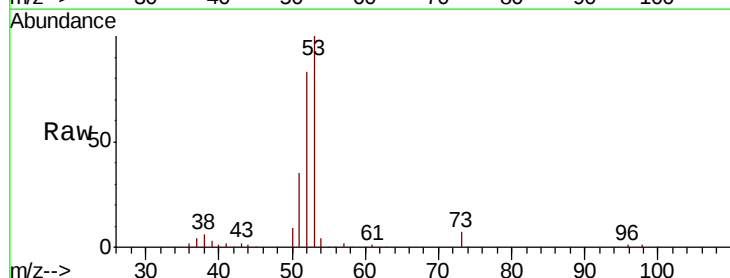
Tgt Ion: 53 Resp: 393206

Ion Ratio Lower Upper

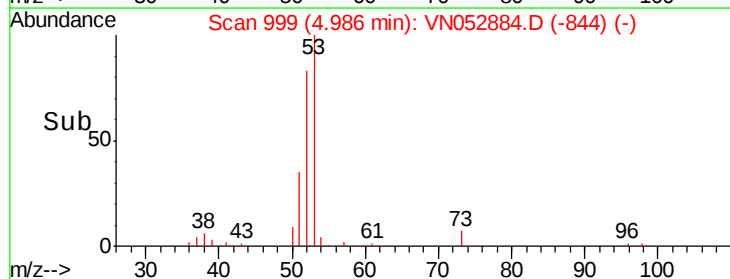
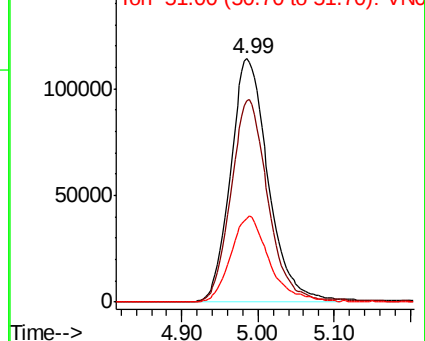
53 100

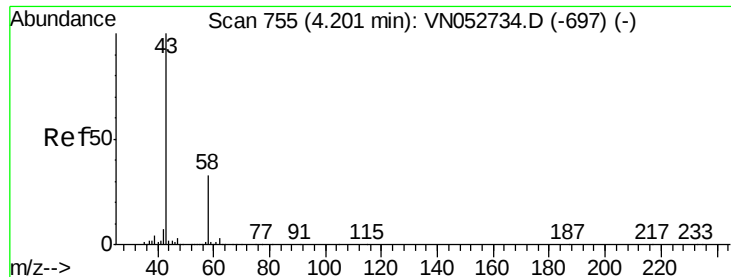
52 81.1 39.9 119.7

51 35.7 17.6 52.9



Abundance Ion 53.00 (52.70 to 53.70): VN052884.D (-844) (-)





#15

Acetone

Concen: 87.050 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

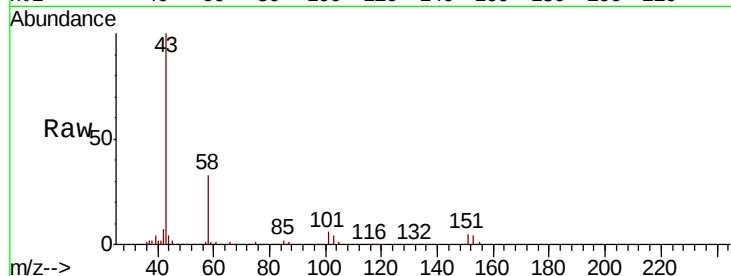
ClientSampleId :

Tot Ion: 58 Resp: 94640

Ion Ratio Lower Upper

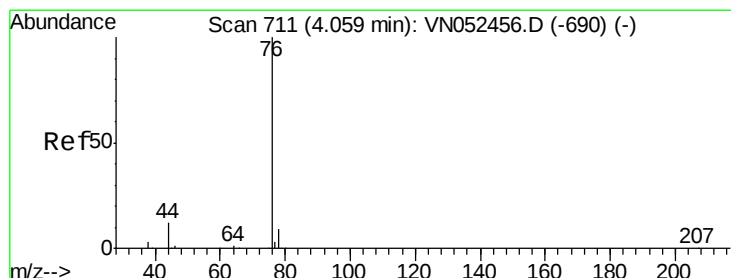
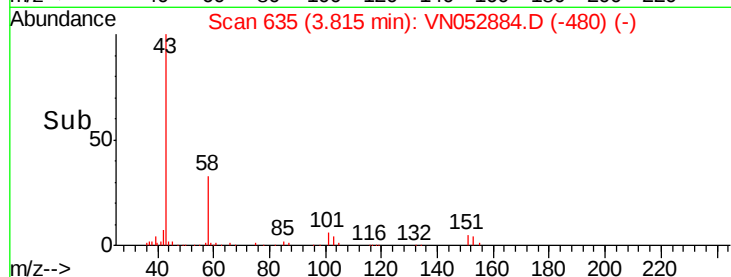
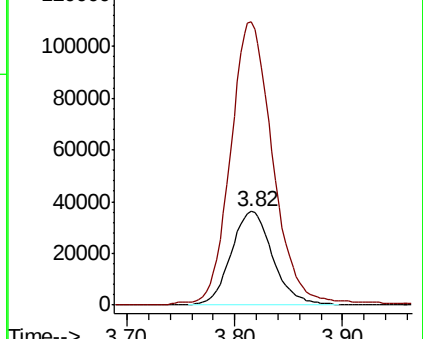
58 100

43 303.2 243.6 365.4



Abundance Ion 58.00 (57.70 to 58.70): VN052884.D (-480) (-)

Ion 43.00 (42.70 to 43.70): VN052884.D (-480) (-)



#16

Carbon Disulfide

Concen: 17.375 ug/l

RT: 4.06 min Scan# 712

Delta R.T. 0.00 min

Lab File: VN052884.D

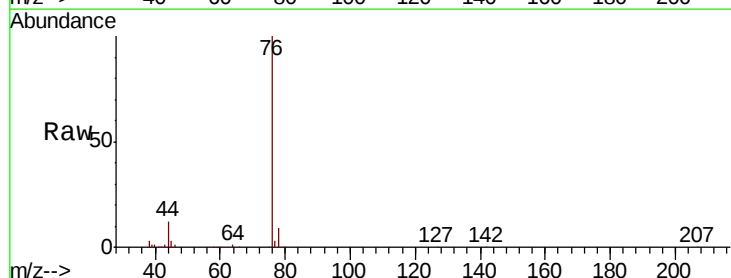
Acq: 14 Dec 2018 13:03

Tgt Ion: 76 Resp: 637875

Ion Ratio Lower Upper

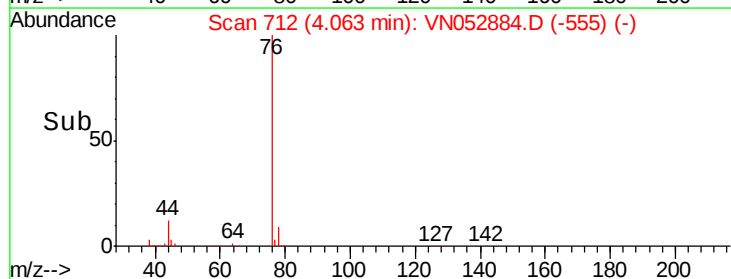
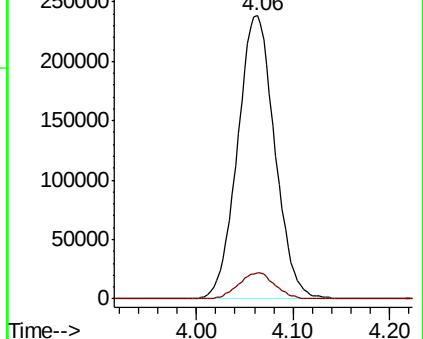
76 100

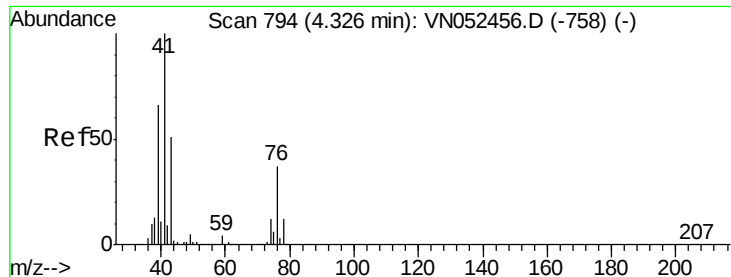
78 9.2 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN052884.D (-555) (-)

Ion 78.00 (77.70 to 78.70): VN052884.D (-555) (-)

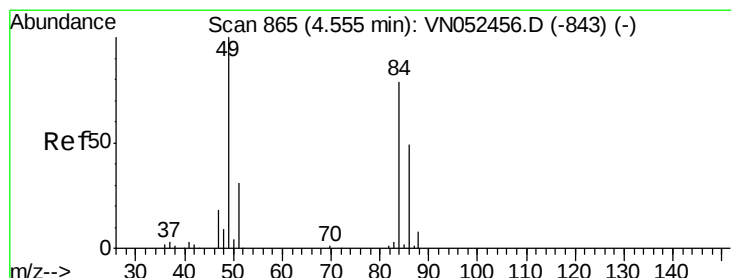
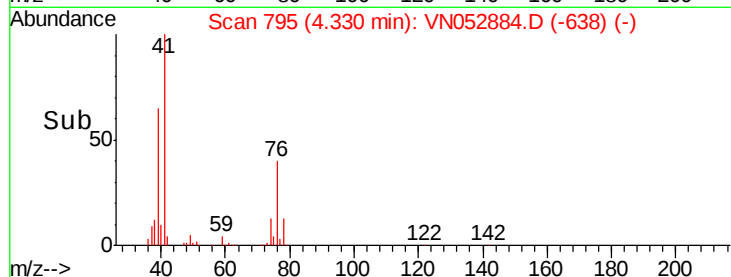
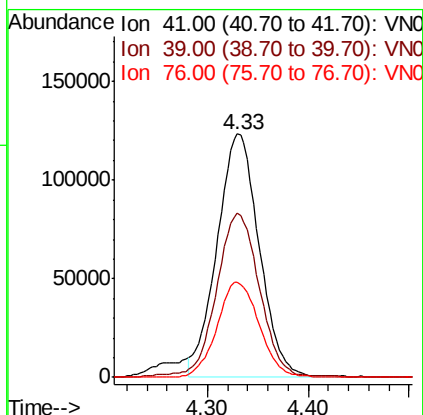
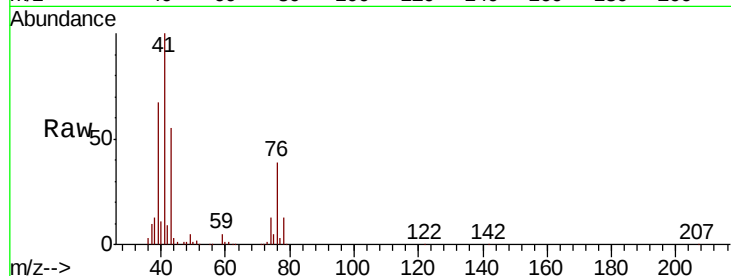




#17  
Allvl chloride  
Concen: 17.616 ug/l  
RT: 4.33 min Scan# 795  
Delta R.T. 0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

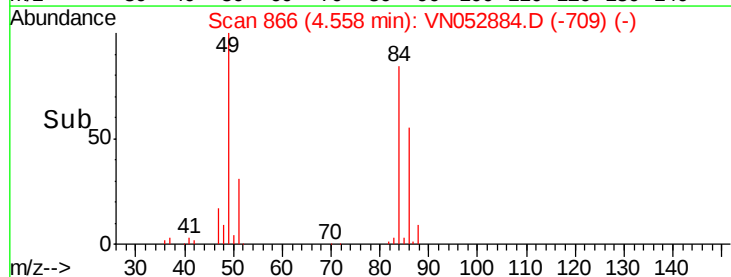
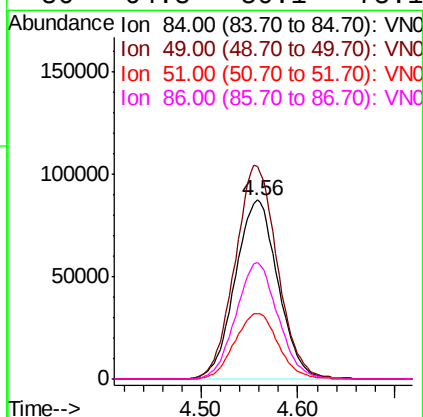
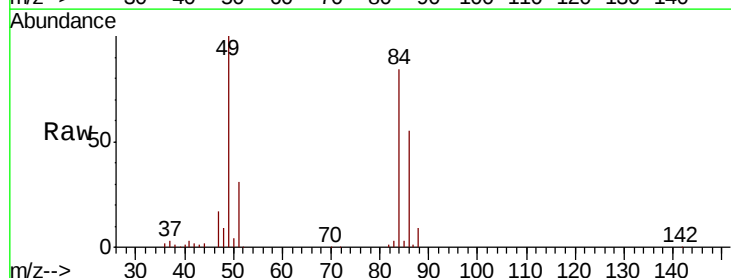
Instrument :  
MSVOA\_N  
ClientSampleId :

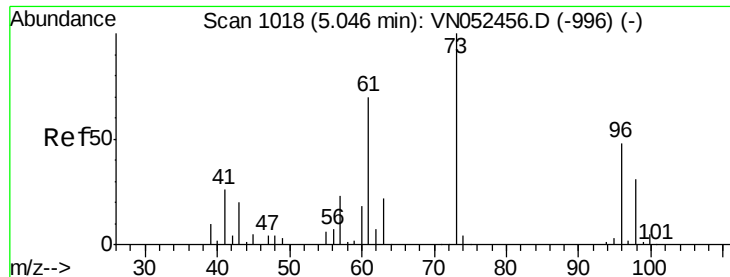
Tot Ion: 41 Resp: 356241  
Ion Ratio Lower Upper  
41 100  
39 67.1 32.8 98.3  
76 39.0 18.6 55.8



#18  
Methylene Chloride  
Concen: 19.995 ug/l  
RT: 4.56 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

Tgt Ion: 84 Resp: 268455  
Ion Ratio Lower Upper  
84 100  
49 118.4 101.4 152.0  
51 36.8 31.7 47.5  
86 64.8 50.1 75.1

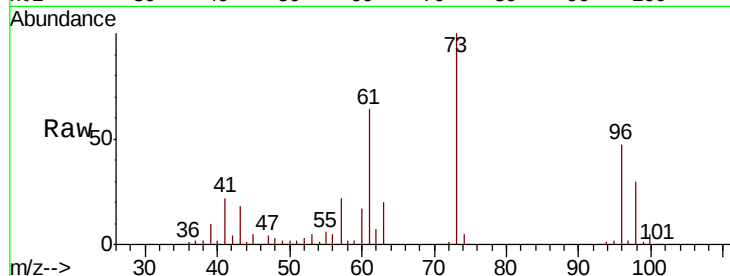




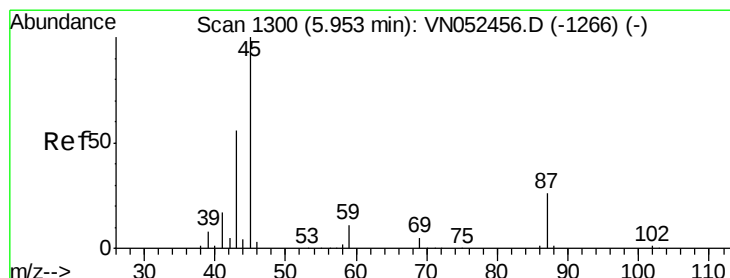
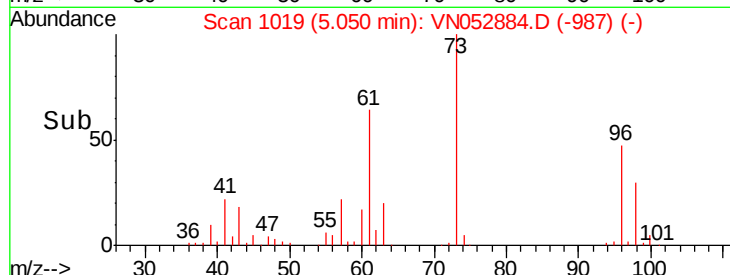
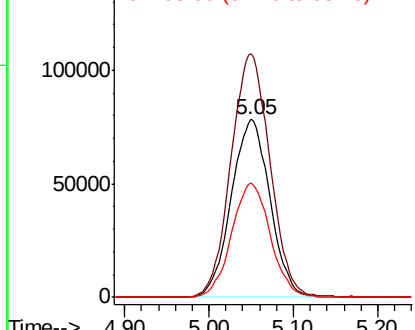
#19  
trans-1,2-Dichloroethene  
Concen: 20.081 ug/l  
RT: 5.05 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 96 Resp: 250598  
Ion Ratio Lower Upper  
96 100  
61 136.3 118.2 177.4  
98 64.4 51.4 77.2

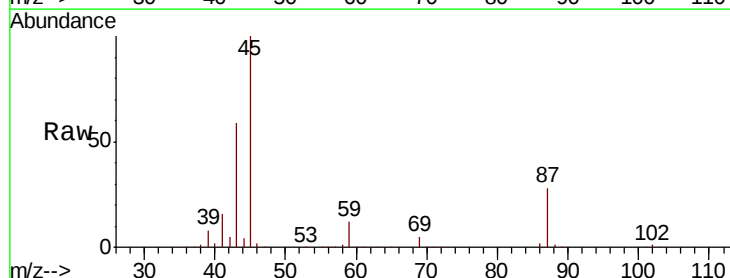


Abundance Ion 96.00 (95.70 to 96.70): VNO  
Ion 61.00 (60.70 to 61.70): VNO  
Ion 98.00 (97.70 to 98.70): VNO

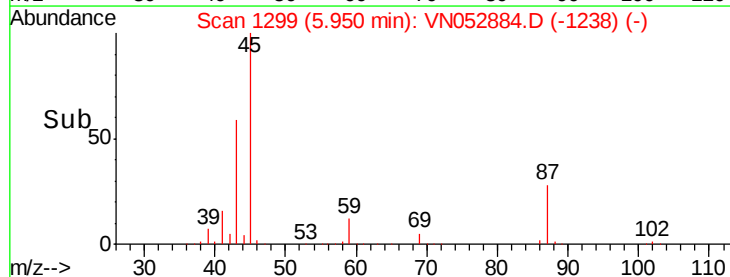
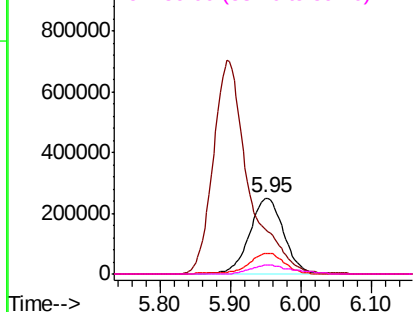


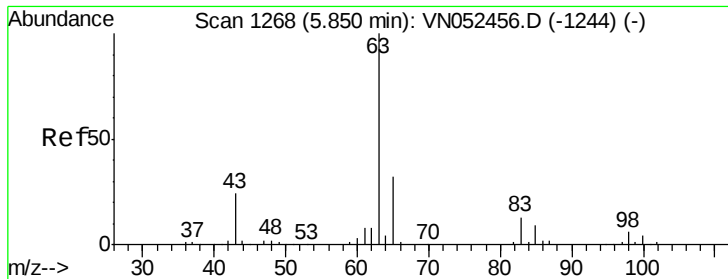
#20  
Diisopropyl ether  
Concen: 19.751 ug/l  
RT: 5.95 min Scan# 1299  
Delta R.T. -0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

Tgt Ion: 45 Resp: 839370  
Ion Ratio Lower Upper  
45 100  
43 57.6 47.8 71.8  
87 27.5 21.3 31.9  
59 12.0 8.9 13.3



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





#21

1,1-Dichloroethane

Concen: 19.714 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

ClientSampleId :

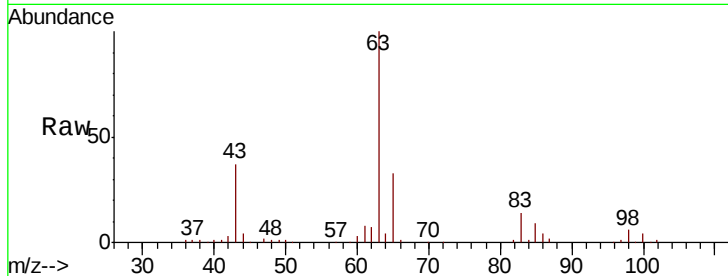
Tot Ion: 63 Resp: 477522

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

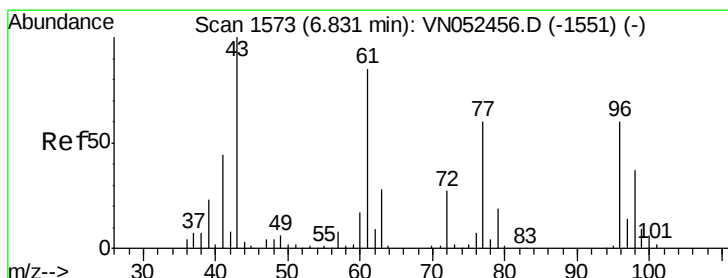
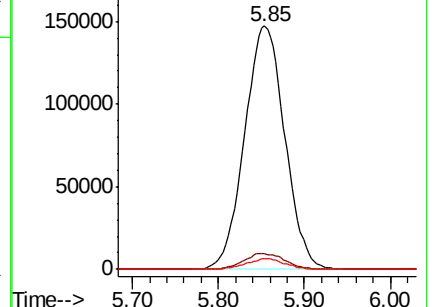
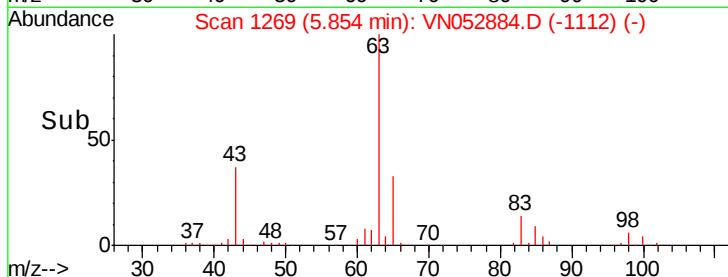
100 4.5 1.8 5.5



Abundance Ion 63.00 (62.70 to 63.70): VN052884.D (-1112) (-)

Ion 98.00 (97.70 to 98.70): VN052884.D (-1112) (-)

Ion 100.00 (99.70 to 100.70): VN052884.D (-1112) (-)



#22

cis-1,2-Dichloroethene

Concen: 20.604 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

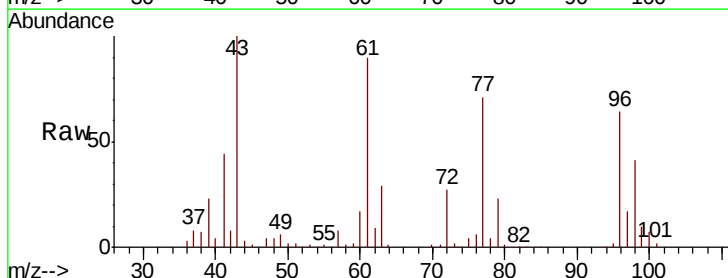
Tgt Ion: 96 Resp: 294676

Ion Ratio Lower Upper

96 100

61 140.7 116.7 175.1

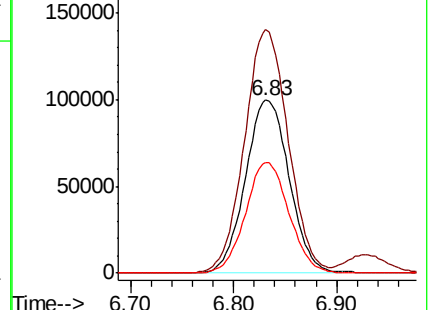
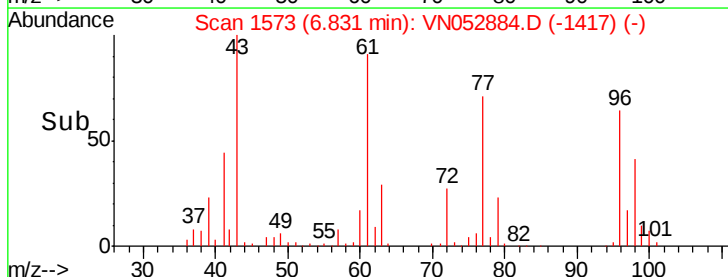
98 63.4 50.8 76.2

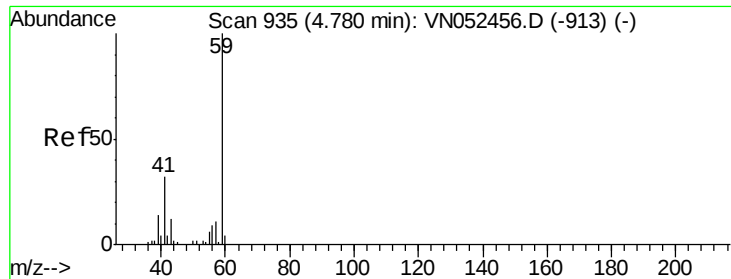


Abundance Ion 96.00 (95.70 to 96.70): VN052884.D (-1417) (-)

Ion 61.00 (60.70 to 61.70): VN052884.D (-1417) (-)

Ion 98.00 (97.70 to 98.70): VN052884.D (-1417) (-)



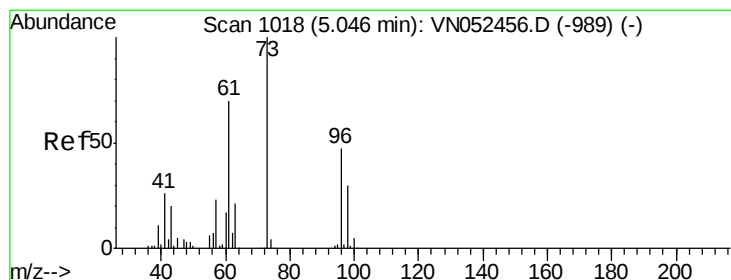
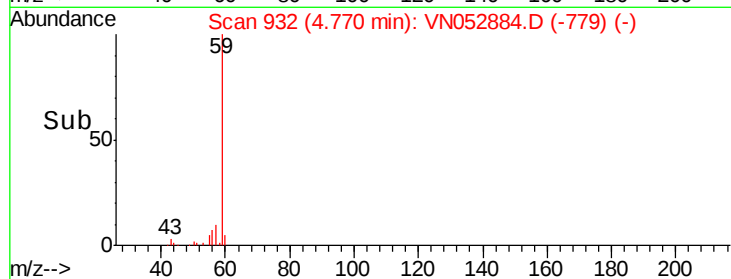
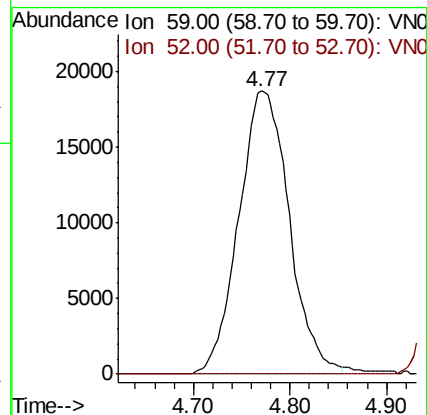
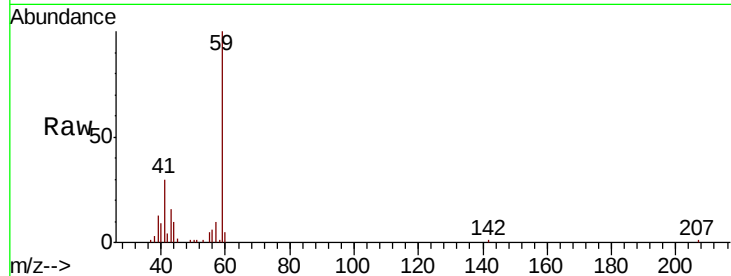


#23

tert-Butyl Alcohol  
Concen: 108.696 ug/l  
RT: 4.77 min Scan# 932  
Delta R.T. -0.01 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

Instrument :  
MSVOA\_N  
ClientSampled :

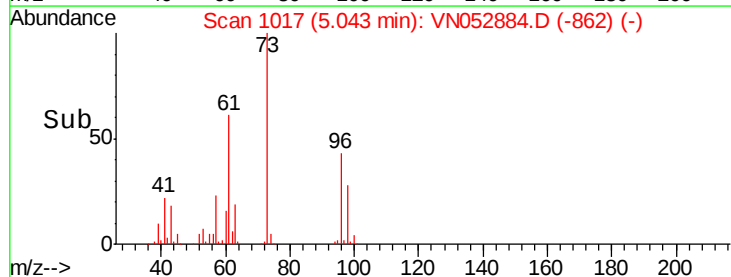
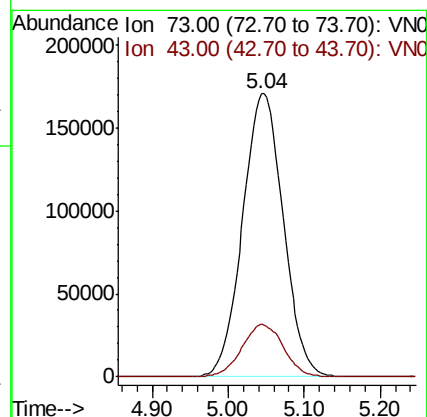
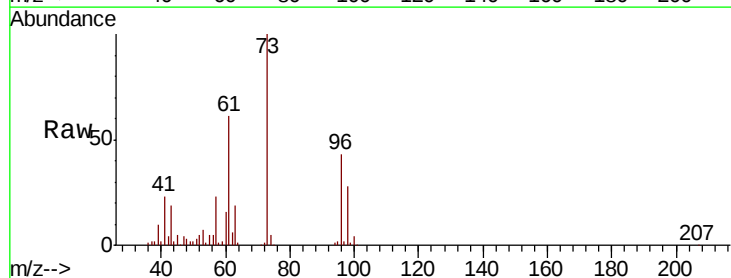
Tot Ion: 59 Resp: 67880  
Ion Ratio Lower Upper  
59 100  
52 0.4 0.0 0.0#

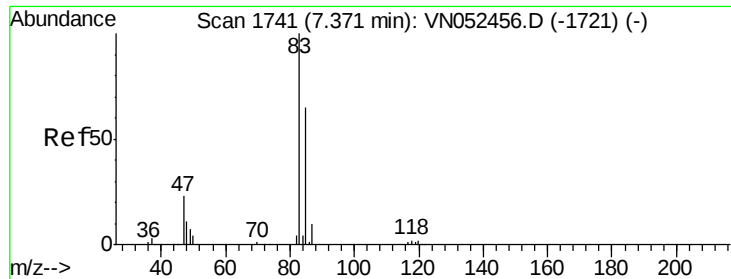


#24

Methyl tert-Butyl Ether  
Concen: 20.871 ug/l  
RT: 5.04 min Scan# 1017  
Delta R.T. -0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

Tgt Ion: 73 Resp: 634897  
Ion Ratio Lower Upper  
73 100  
43 18.6 15.8 23.8





#25

Chloroform

Concen: 20.614 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

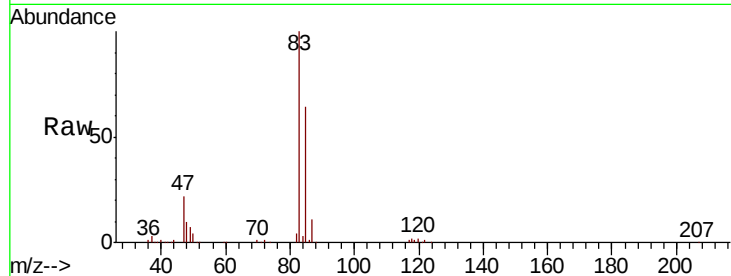
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 83 Resp: 481700

Ion Ratio Lower Upper

83 100

85 64.3 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): VN052884.D (-1742) (-)

Ion 85.00 (84.70 to 85.70): VN052884.D (-1742) (-)

7.37

200000

150000

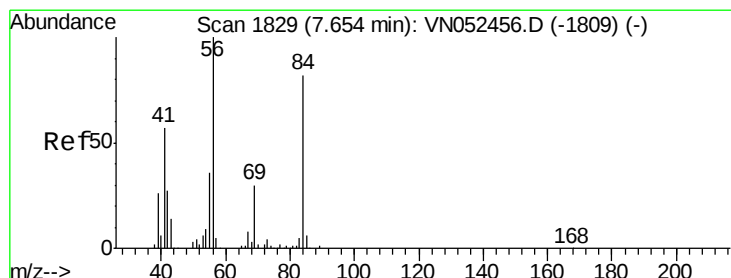
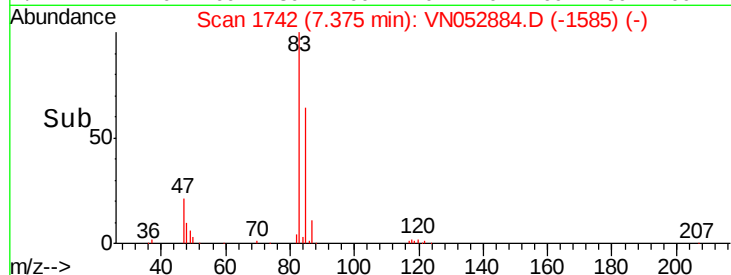
100000

50000

0

7.30 7.40 7.50

Time-->



#26

Cyclohexane

Concen: 18.887 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

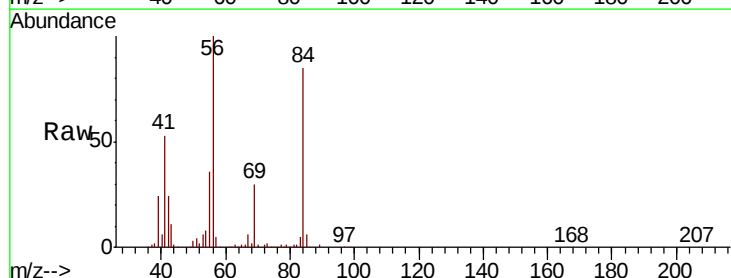
Tgt Ion: 56 Resp: 431483

Ion Ratio Lower Upper

56 100

89 0.5 0.5 0.7

84 84.1 66.2 99.2



Abundance Ion 56.00 (55.70 to 56.70): VN052884.D (-1829) (-)

Ion 89.00 (88.70 to 89.70): VN052884.D (-1829) (-)

Ion 84.00 (83.70 to 84.70): VN052884.D (-1829) (-)

7.66

250000

200000

150000

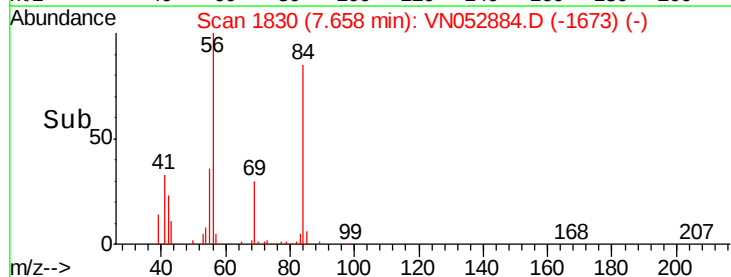
100000

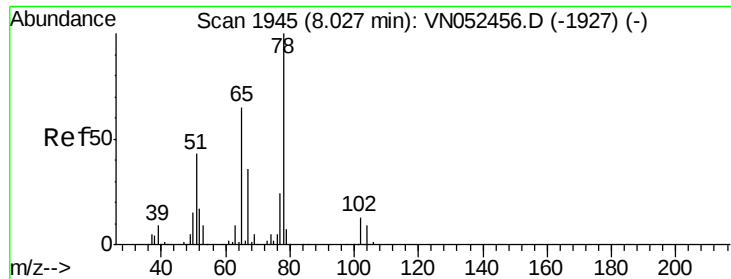
50000

0

7.55 7.60 7.65 7.70

Time-->





#27

1,2-Dichloroethane-d4

Concen: 18.887 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

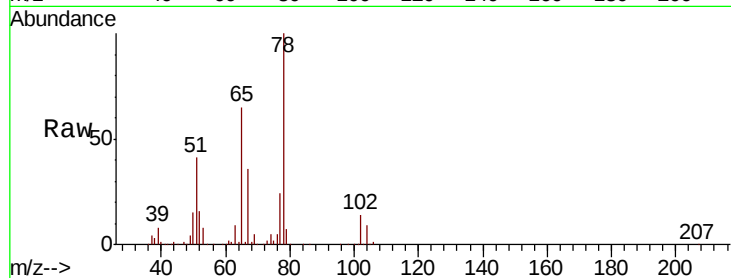
ClientSampleId :

Tot Ion: 65 Resp: 400315

Ion Ratio Lower Upper

65 100

67 55.0 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN052456.D (-1927) (-)

Ion 67.00 (66.70 to 67.70): VN052456.D (-1927) (-)

8.03

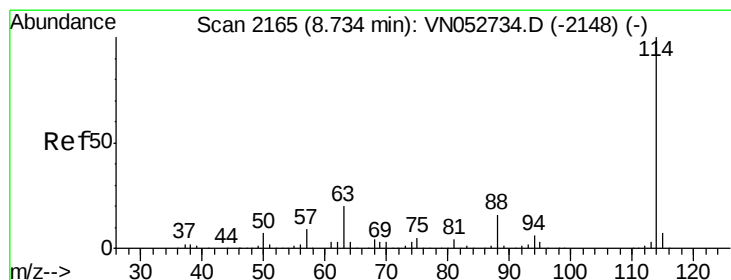
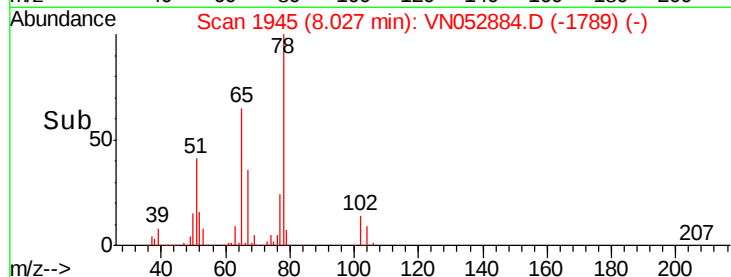
150000

100000

50000

0

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

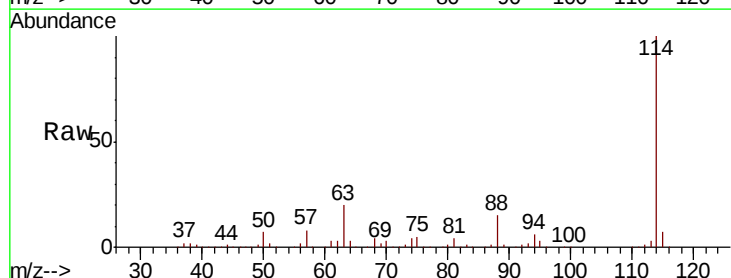
Tgt Ion: 114 Resp: 1201959

Ion Ratio Lower Upper

114 100

63 19.7 16.9 25.3

88 15.5 12.8 19.2



Abundance Ion 114.00 (113.70 to 114.70): VN052734.D (-2148) (-)

Ion 63.00 (62.70 to 63.70): VN052734.D (-2148) (-)

Ion 88.00 (87.70 to 88.70): VN052734.D (-2148) (-)

8.59

800000

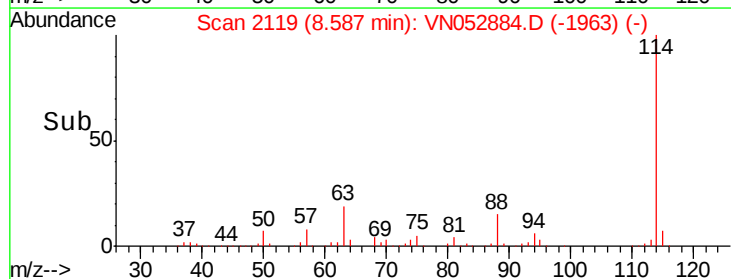
600000

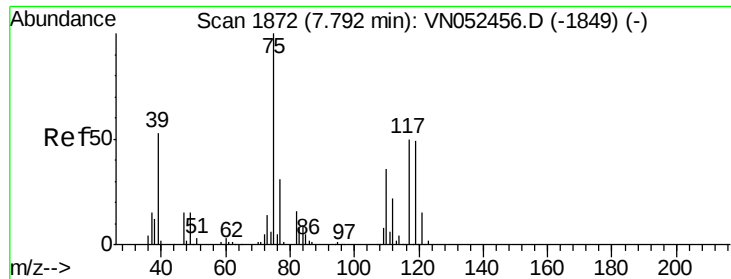
400000

200000

0

Time-->

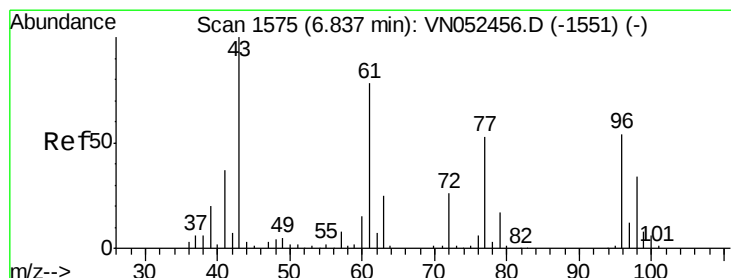
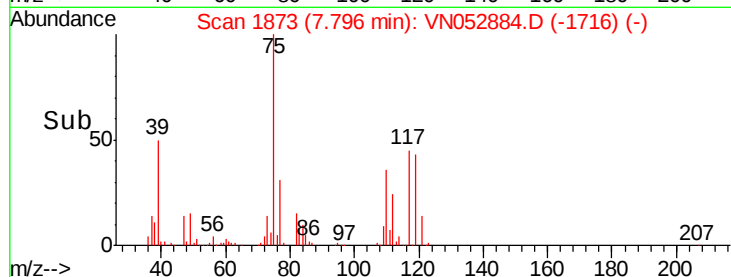
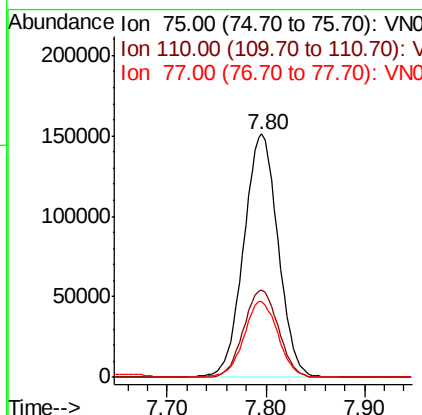
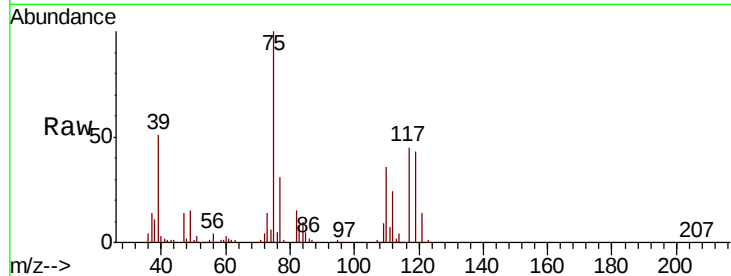




#29  
 1,1-Dichloropropene  
 Concen: 19.826 ug/l  
 RT: 7.80 min Scan# 1873  
 Delta R.T. 0.00 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

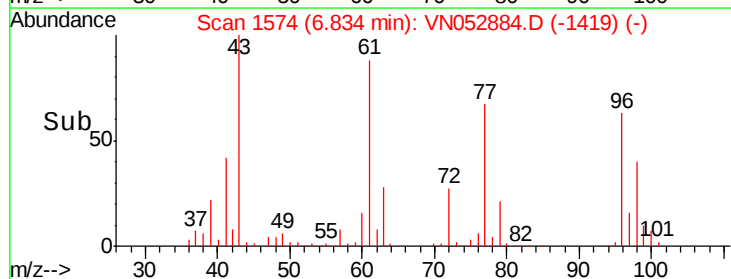
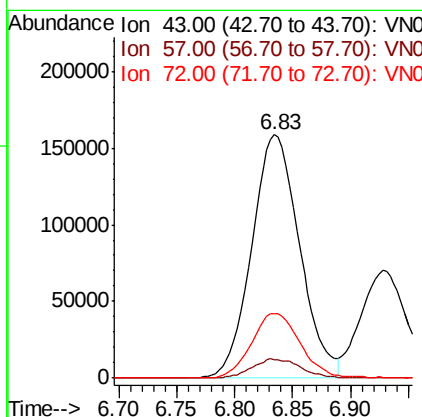
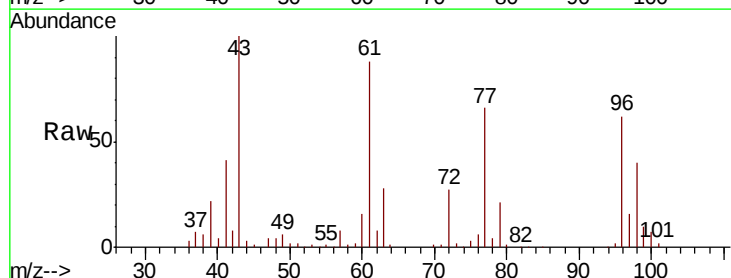
Instrument :  
 MSVOA\_N  
 ClientSampleId :

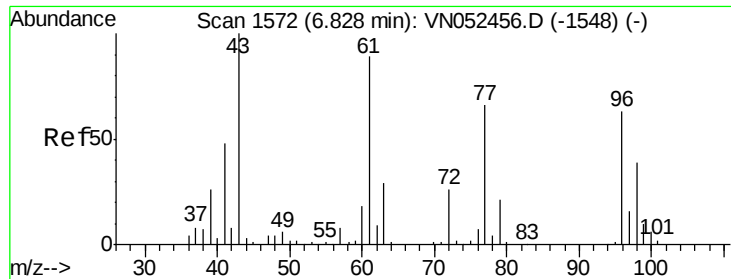
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.0  | 0.0   | 70.2  |
| 77      | 31.1  | 0.0   | 62.6  |



#30  
 2-Butanone  
 Concen: 92.431 ug/l  
 RT: 6.83 min Scan# 1574  
 Delta R.T. -0.00 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 57      | 8.1   | 6.2   | 9.4   |
| 72      | 27.3  | 21.0  | 31.6  |

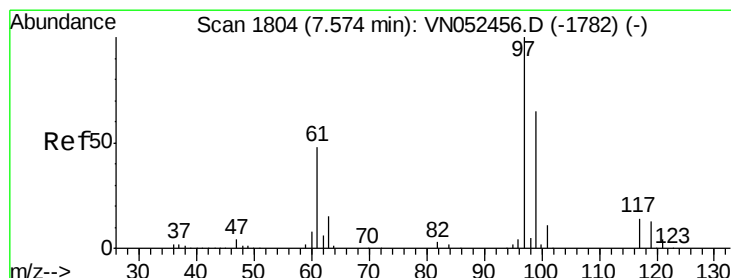
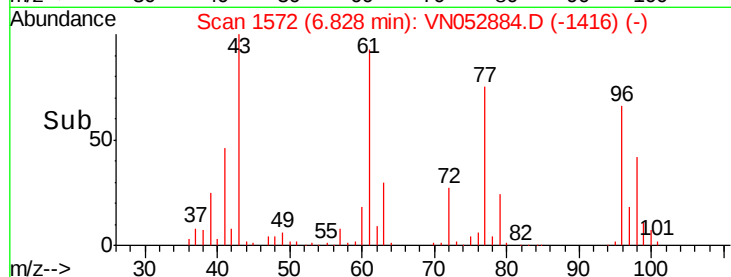
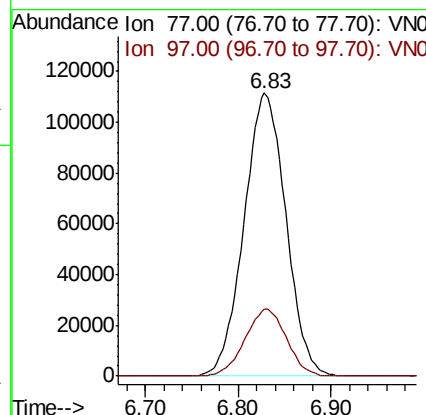
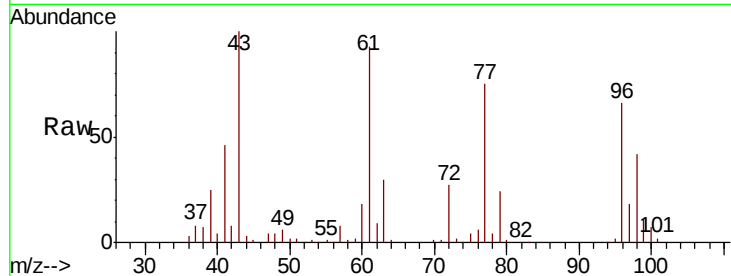




#31  
 2,2-Dichloropropane  
 Concen: 20.677 ug/l  
 RT: 6.83 min Scan# 1572  
 Delta R.T. 0.00 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

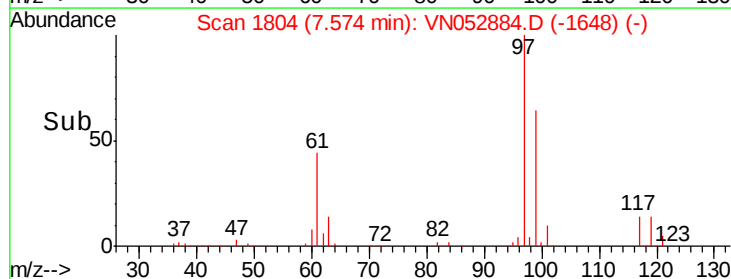
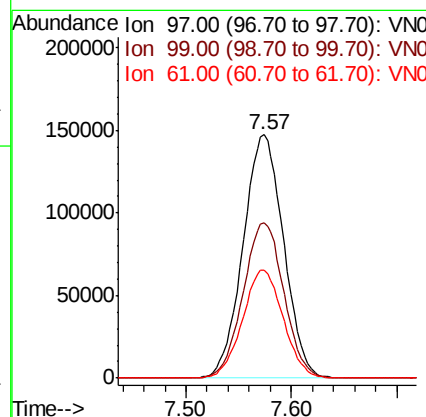
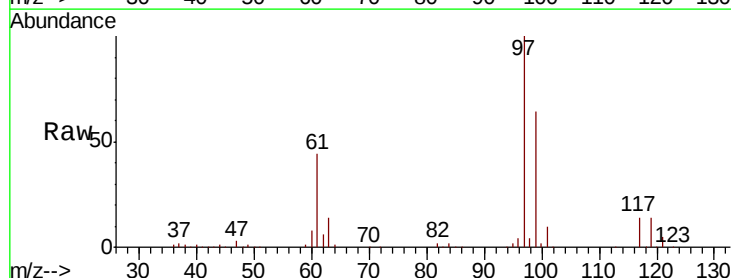
Instrument :  
 MSVOA\_N  
 ClientSampleId :

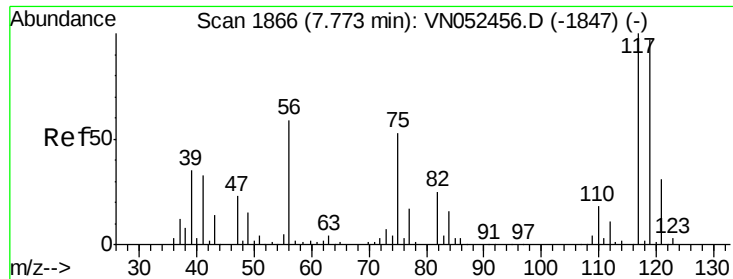
Tot Ion: 77 Resp: 349397  
 Ion Ratio Lower Upper  
 77 100  
 97 23.6 18.7 28.1



#32  
 1,1,1-Trichloroethane  
 Concen: 20.602 ug/l  
 RT: 7.57 min Scan# 1804  
 Delta R.T. 0.00 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

Tgt Ion: 97 Resp: 393486  
 Ion Ratio Lower Upper  
 97 100  
 99 64.2 50.9 76.3  
 61 44.6 38.1 57.1





#33

Carbon Tetrachloride

Concen: 19.843 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

ClientSampleId :

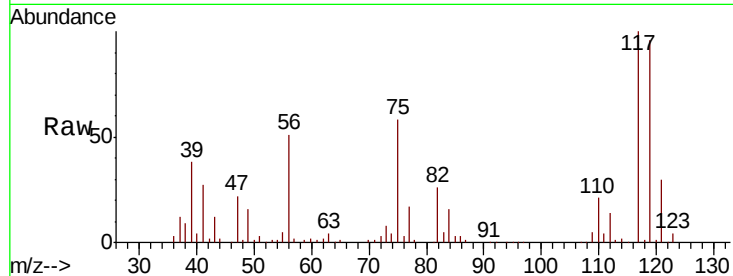
Tot Ion:117 Resp: 331607

Ion Ratio Lower Upper

117 100

119 95.7 77.3 115.9

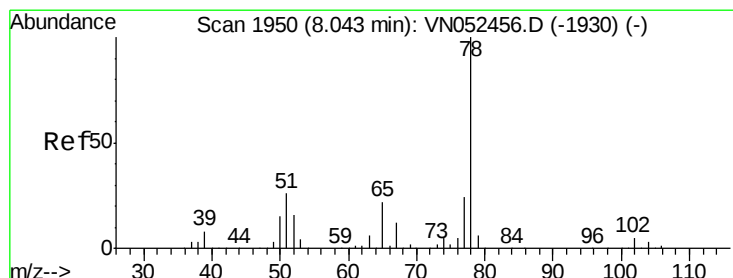
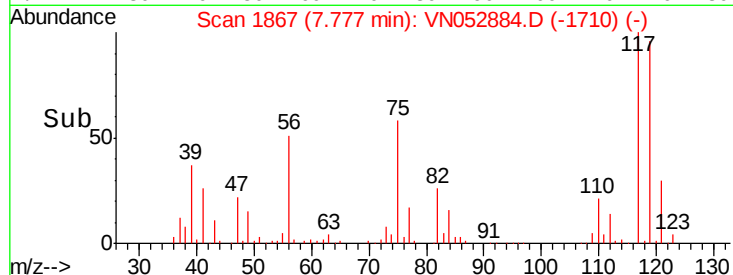
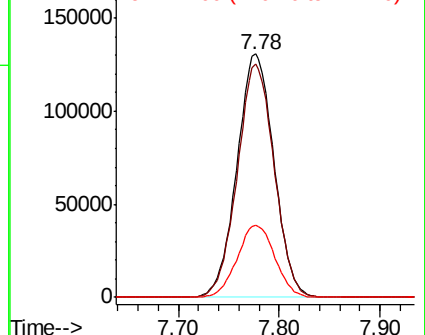
121 29.5 24.9 37.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.924 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

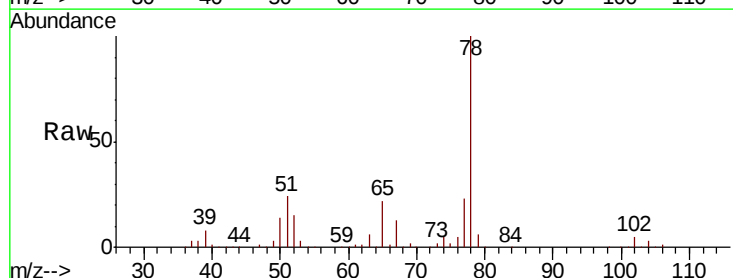
Tgt Ion: 78 Resp: 1099522

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

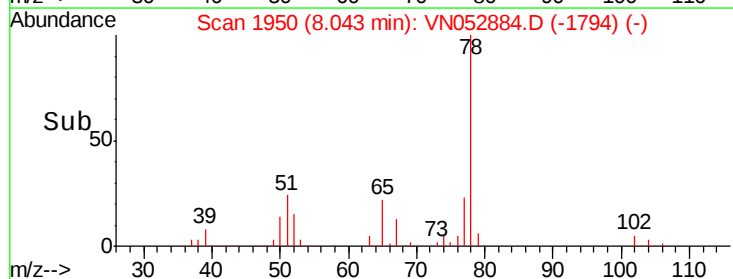
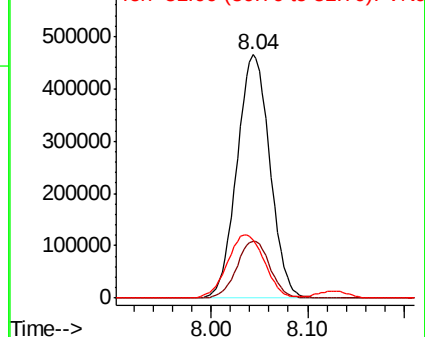
51 23.7 20.5 30.7

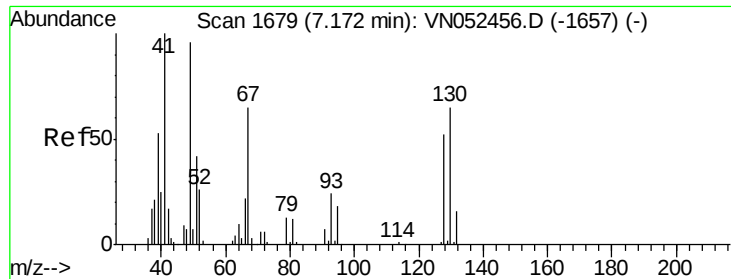


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

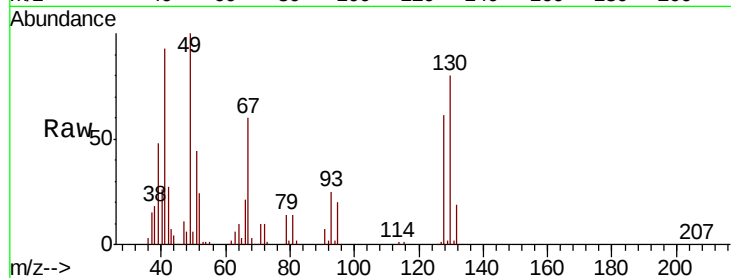




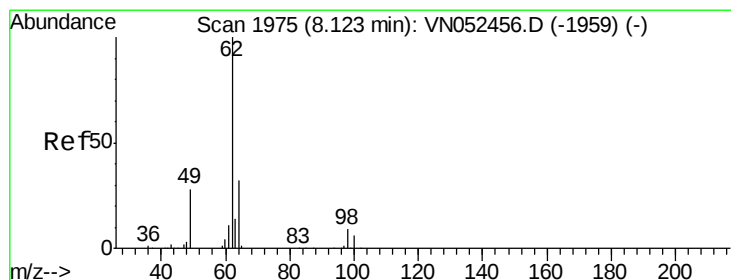
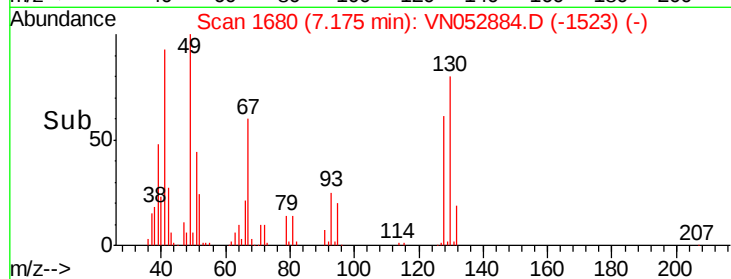
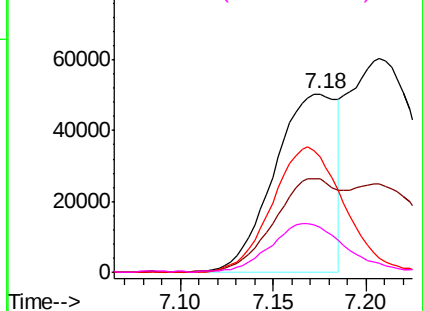
#35  
Methacrylonitrile  
Concen: 19.376 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. 0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 41 Resp: 118073  
Ion Ratio Lower Upper  
41 100  
39 51.8 26.6 79.7  
67 64.5 32.3 96.9  
52 25.0 13.0 38.9

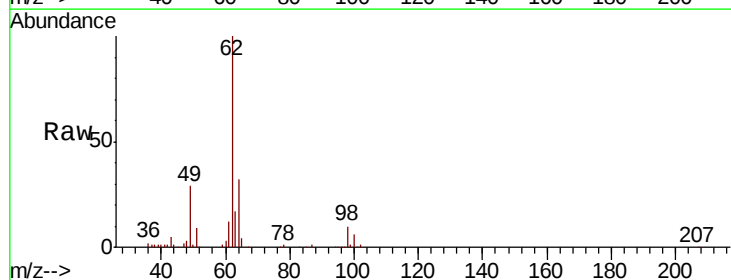


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC  
Ion 67.00 (66.70 to 67.70): VNC  
Ion 52.00 (51.70 to 52.70): VNC

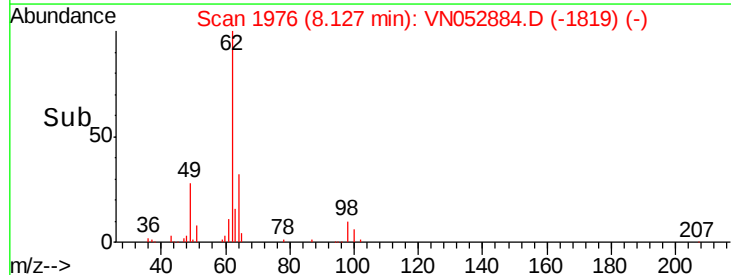
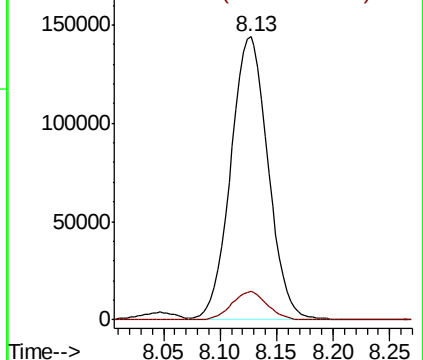


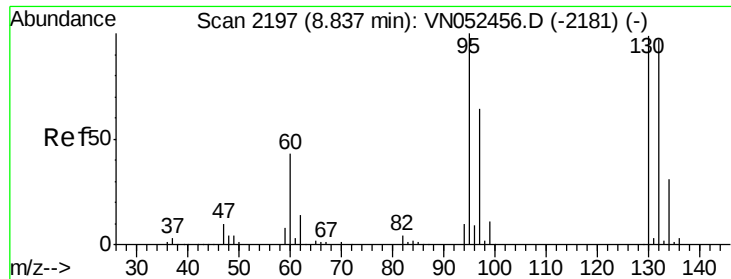
#36  
1,2-Dichloroethane  
Concen: 19.835 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

Tgt Ion: 62 Resp: 331701  
Ion Ratio Lower Upper  
62 100  
98 9.5 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VNC  
Ion 98.00 (97.70 to 98.70): VNC

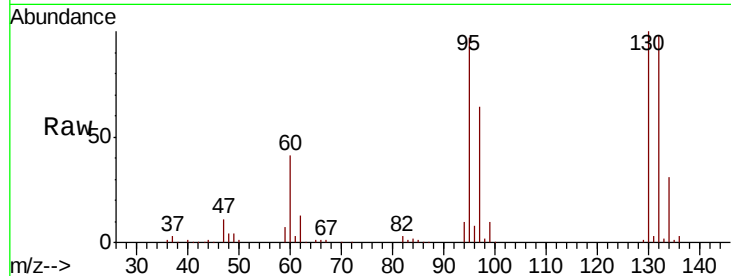




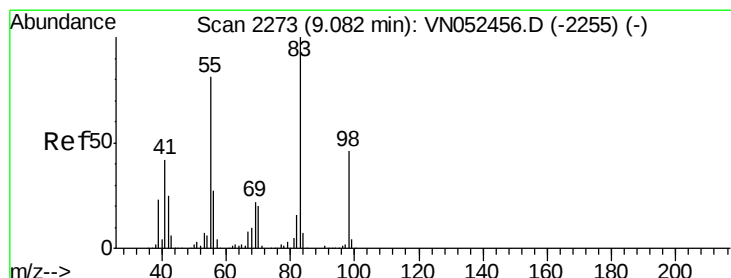
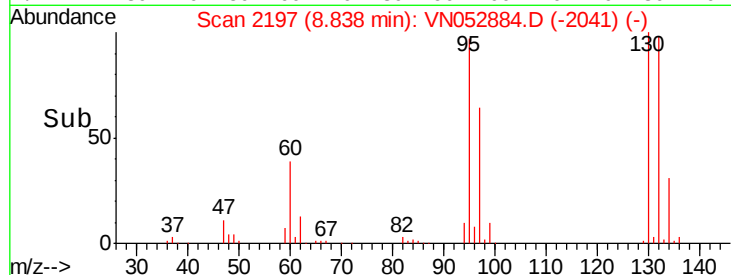
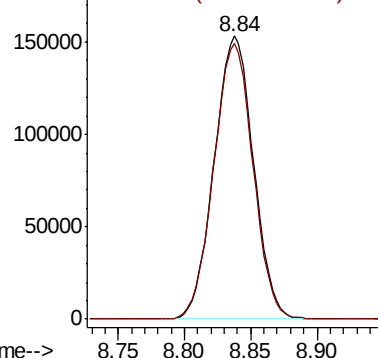
#37  
 Trichloroethene  
 Concen: 22.516 ug/l  
 RT: 8.84 min Scan# 2197  
 Delta R.T. 0.00 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:130 Resp: 315079  
 Ion Ratio Lower Upper  
 130 100  
 95 97.3 81.0 121.4

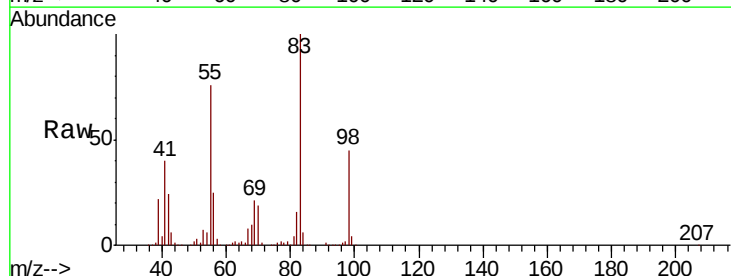


Abundance Ion 129.90 (129.60 to 130.60): V  
 Ion 94.90 (94.60 to 95.60): VN0

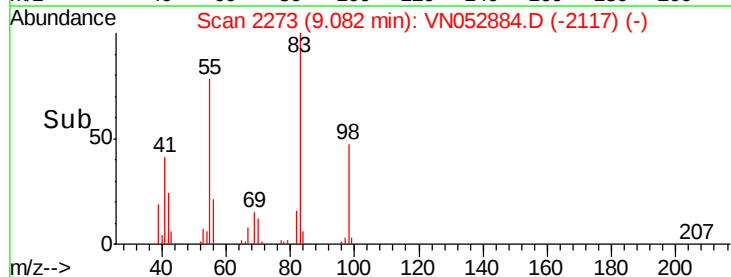
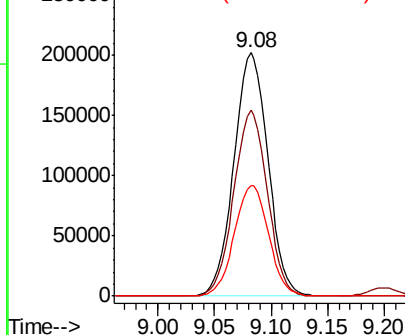


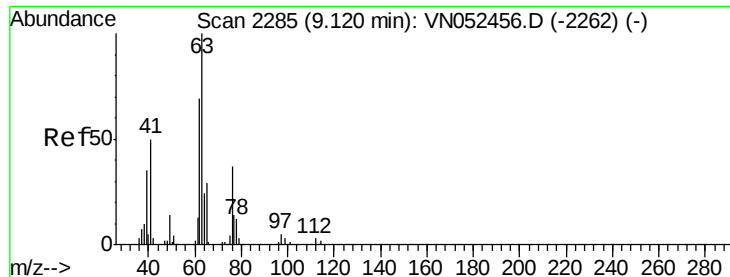
#38  
 Methylcyclohexane  
 Concen: 18.701 ug/l  
 RT: 9.08 min Scan# 2273  
 Delta R.T. 0.00 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

Tgt Ion: 83 Resp: 424931  
 Ion Ratio Lower Upper  
 83 100  
 55 75.1 39.8 119.4  
 98 45.9 22.9 68.5



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

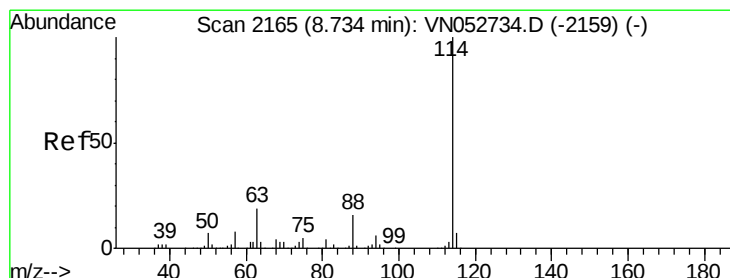
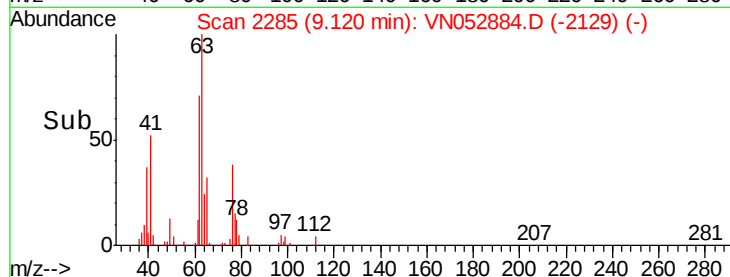
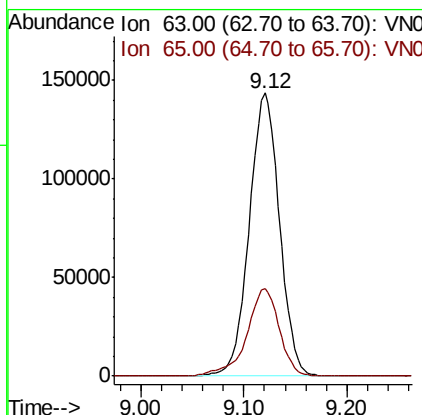
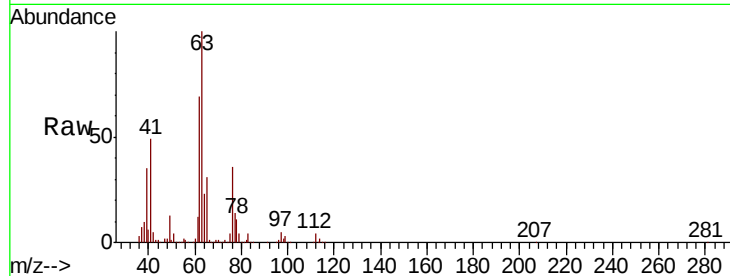




#39  
 1,2-Dichloropropane  
 Concen: 19.727 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. 0.00 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

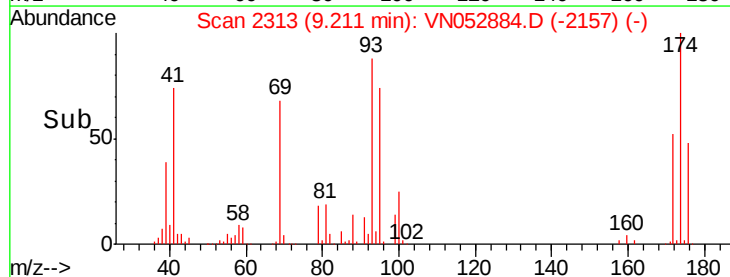
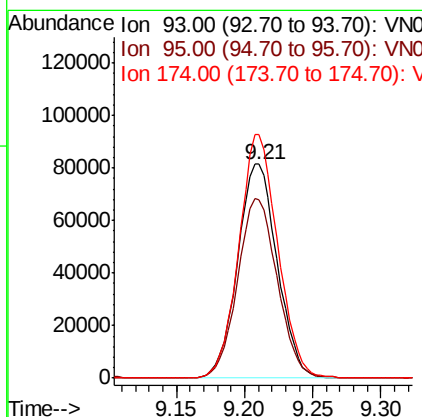
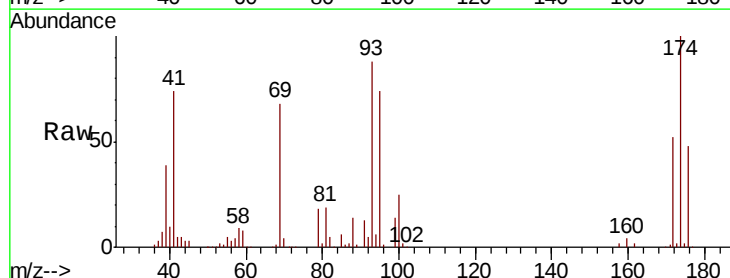
Instrument :  
 MSVOA\_N  
 ClientSampleId :

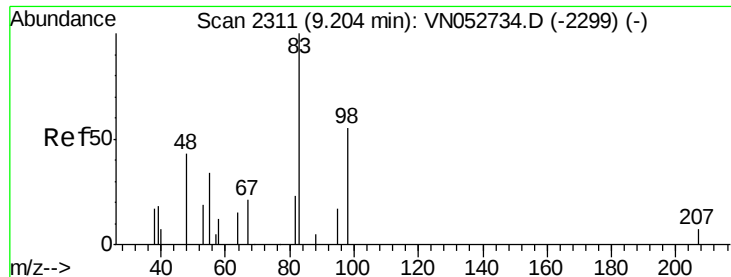
Tot Ion: 63 Resp: 291820  
 Ion Ratio Lower Upper  
 63 100  
 65 30.7 23.6 35.4



#40  
 Dibromomethane  
 Concen: 20.529 ug/l  
 RT: 9.21 min Scan# 2313  
 Delta R.T. 0.00 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

Tgt Ion: 93 Resp: 164103  
 Ion Ratio Lower Upper  
 93 100  
 95 84.4 0.0 168.4  
 174 111.9 0.0 210.0





#41

Bromodichloromethane

Concen: 19.584 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

ClientSampled :

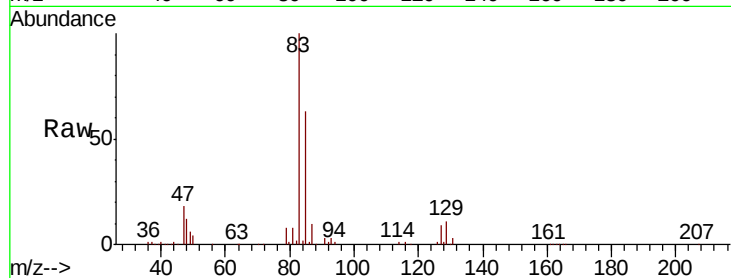
Tot Ion: 83 Resp: 345890

Ion Ratio Lower Upper

83 100

85 63.1 52.4 78.6

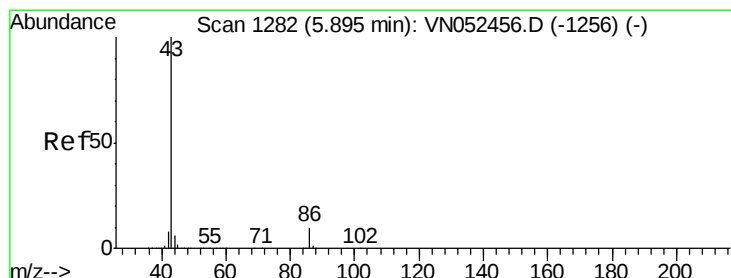
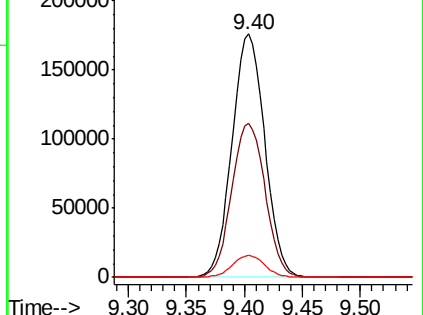
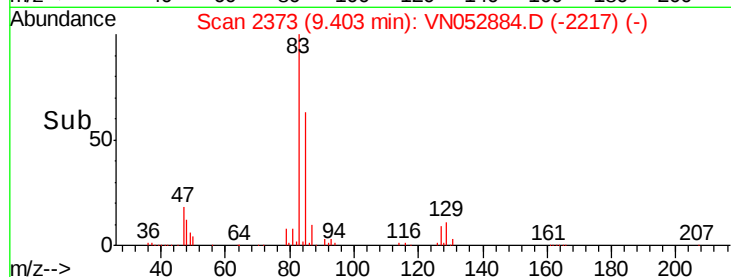
127 8.9 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN052884.D (-1126) (-)

Ion 85.00 (84.70 to 85.70): VN052884.D (-1126) (-)

Ion 127.00 (126.70 to 127.70): VN052884.D (-1126) (-)



#42

Vinyl Acetate

Concen: 92.355 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN052884.D

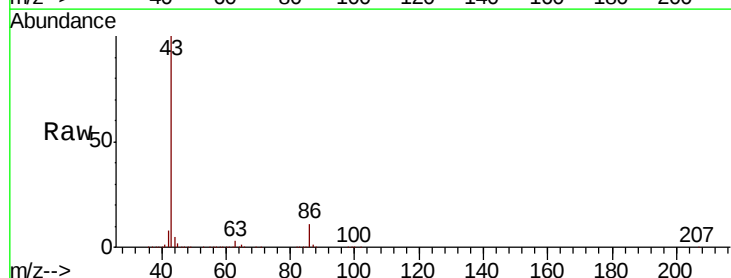
Acq: 14 Dec 2018 13:03

Tgt Ion: 43 Resp: 2454295

Ion Ratio Lower Upper

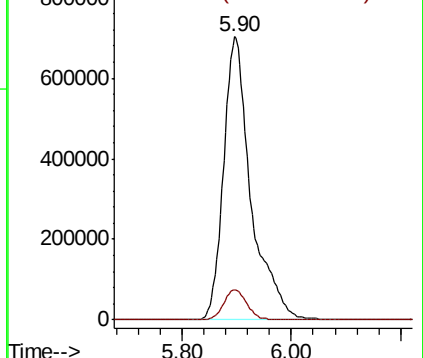
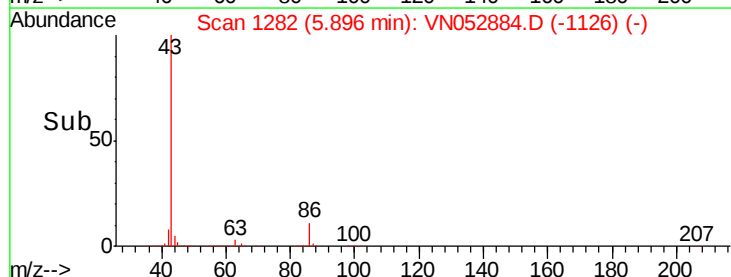
43 100

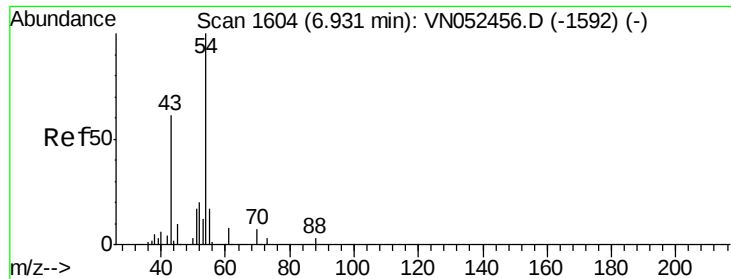
86 9.0 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN052884.D (-1126) (-)

Ion 86.00 (85.70 to 86.70): VN052884.D (-1126) (-)

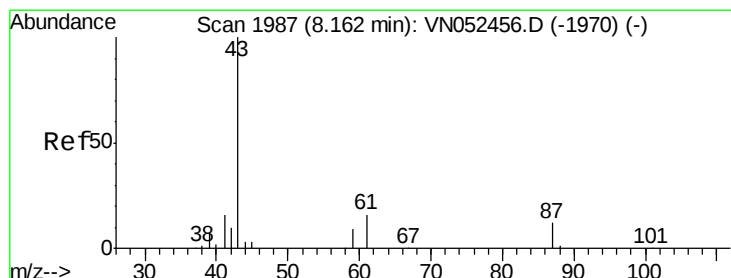
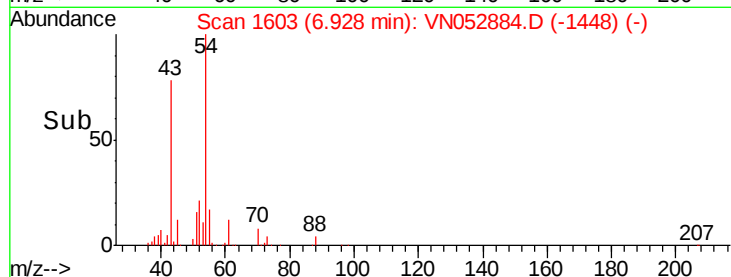
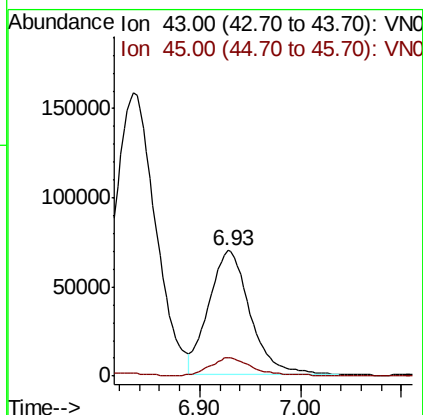
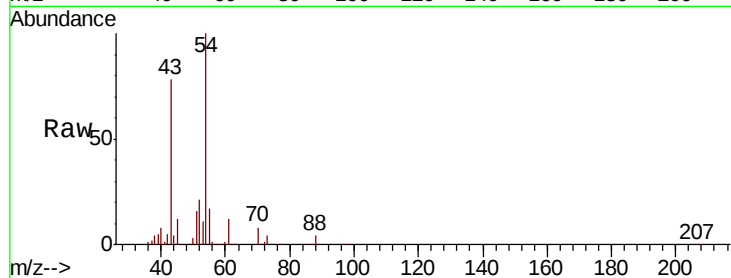




#43  
Ethyl Acetate  
Concen: 19.181 ug/l  
RT: 6.93 min Scan# 1603  
Delta R.T. -0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

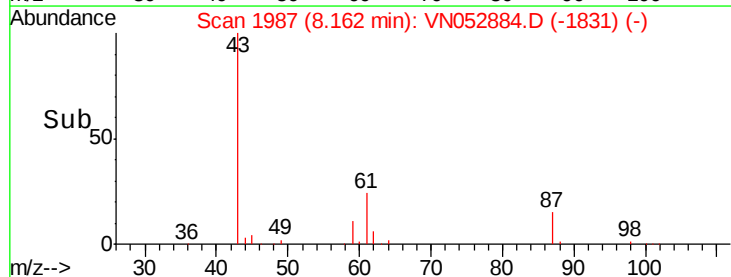
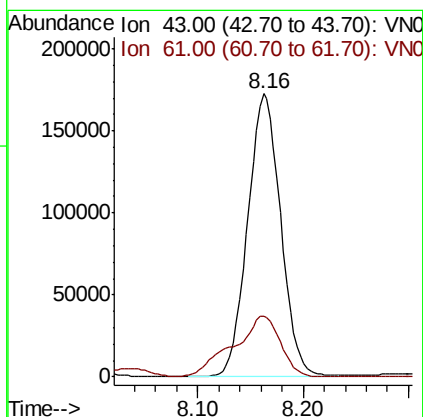
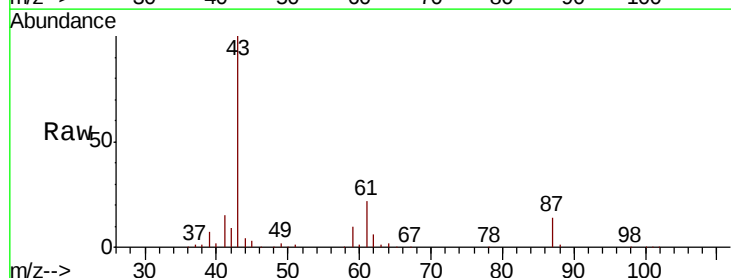
Instrument :  
MSVOA\_N  
ClientSampled :

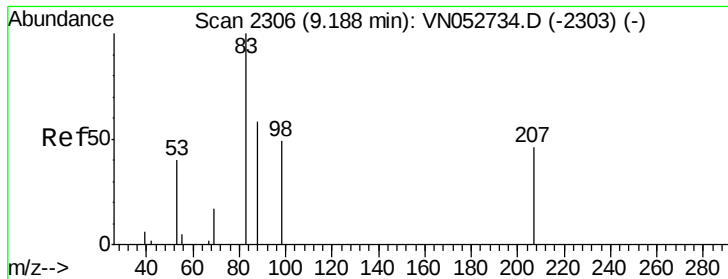
Tot Ion: 43 Resp: 200326  
Ion Ratio Lower Upper  
43 100  
45 13.7 1.0 1.6#



#44  
Isopropyl Acetate  
Concen: 20.498 ug/l  
RT: 8.16 min Scan# 1987  
Delta R.T. 0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

Tgt Ion: 43 Resp: 375455  
Ion Ratio Lower Upper  
43 100  
61 30.9 16.0 24.0#





#45

1,4-Dioxane

Concen: 396.205 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

ClientSampleId :

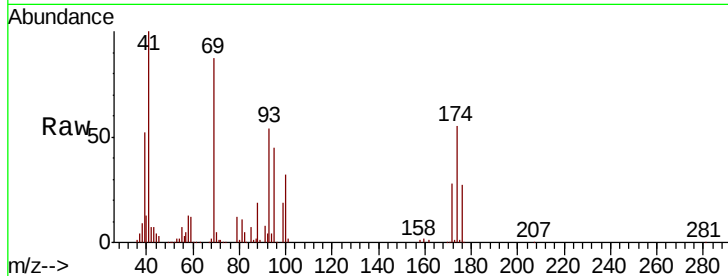
Tot Ion: 88 Resp: 39701

Ion Ratio Lower Upper

88 100

43 35.3 29.5 44.3

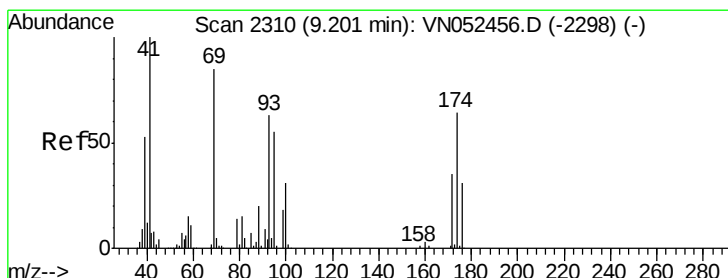
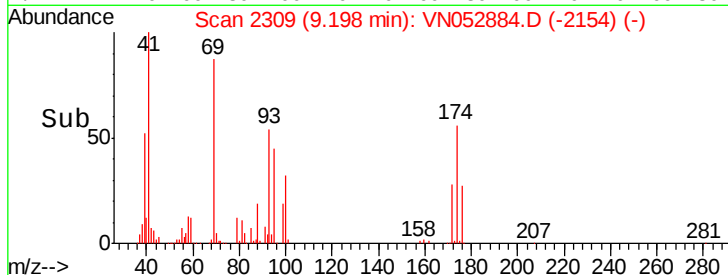
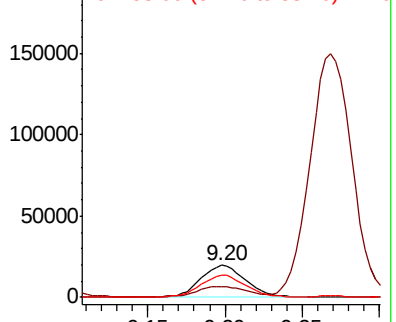
58 70.1 61.5 92.3



Abundance Ion 88.00 (87.70 to 88.70): VN052884.D (-2154) (-)

200000 Ion 43.00 (42.70 to 43.70): VN052884.D (-2154) (-)

150000 Ion 58.00 (57.70 to 58.70): VN052884.D (-2154) (-)



#46

Methyl methacrylate

Concen: 19.851 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

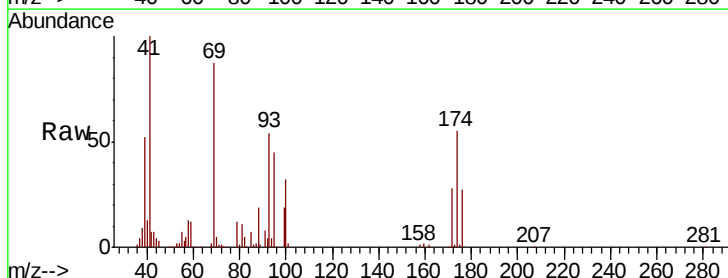
Tgt Ion: 41 Resp: 188789

Ion Ratio Lower Upper

41 100

69 88.5 42.5 127.6

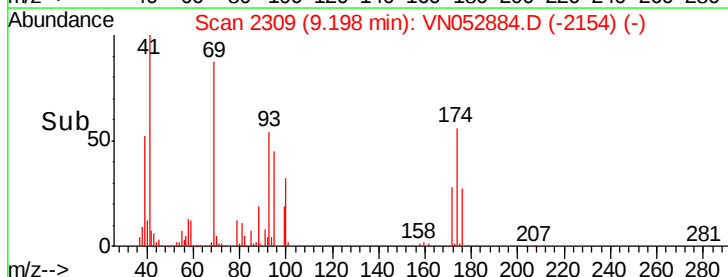
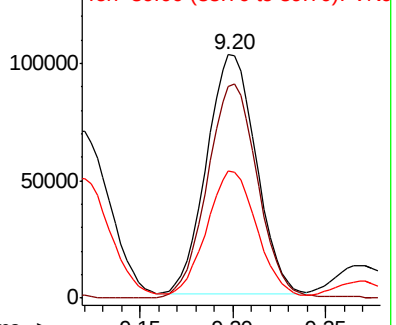
39 52.0 26.3 78.9

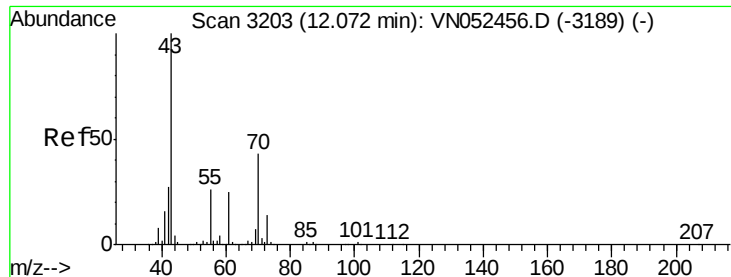


Abundance Ion 41.00 (40.70 to 41.70): VN052884.D (-2154) (-)

100000 Ion 69.00 (68.70 to 69.70): VN052884.D (-2154) (-)

50000 Ion 39.00 (38.70 to 39.70): VN052884.D (-2154) (-)

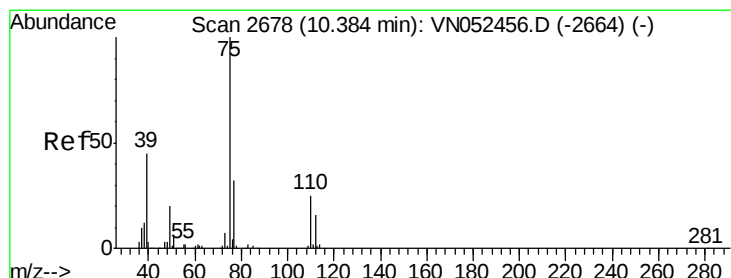
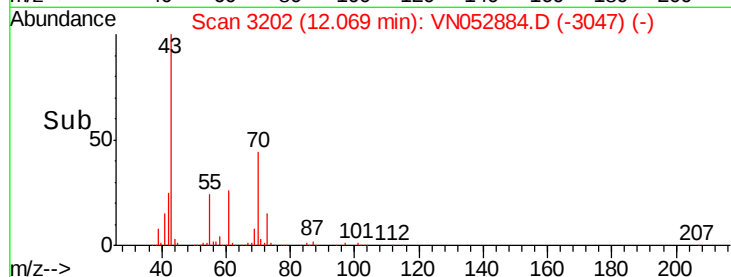
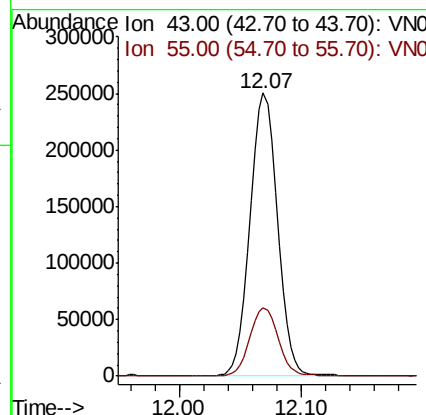
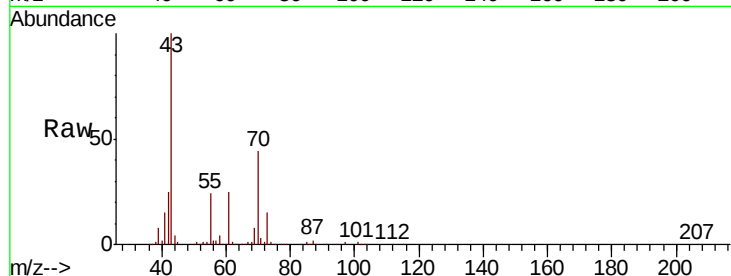




#47  
n-amvl Acetate  
Concen: 25.387 ug/l  
RT: 12.07 min Scan# 3202  
Delta R.T. -0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

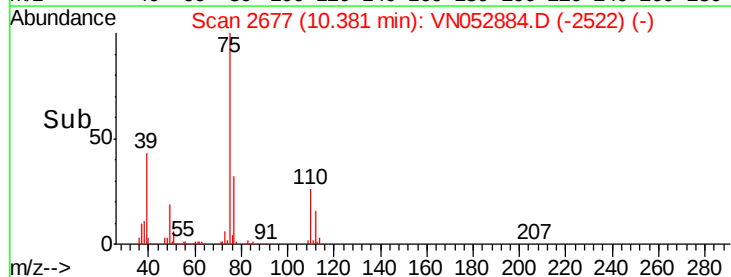
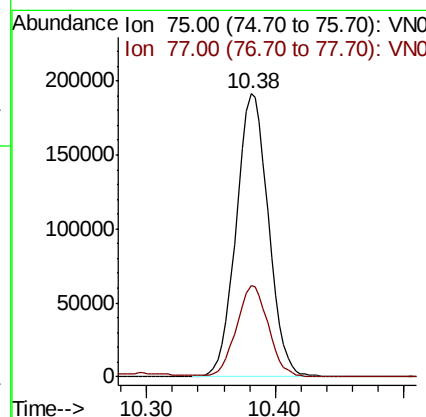
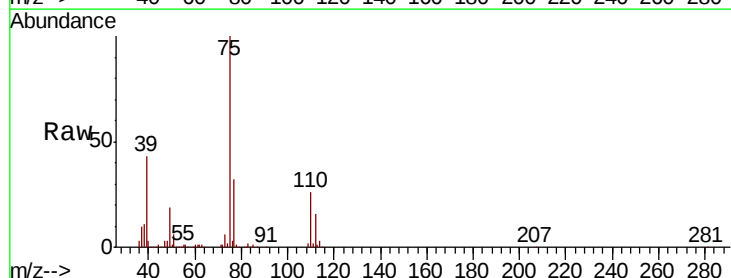
Instrument :  
MSVOA\_N  
ClientSampled :

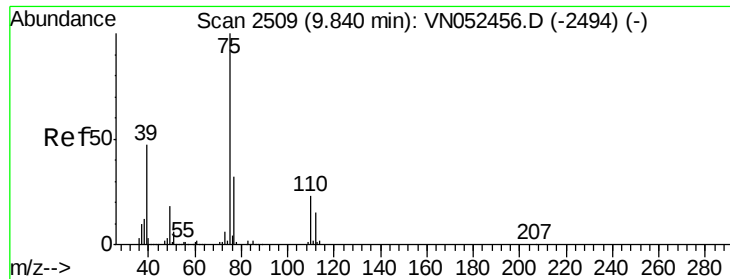
Tot Ion: 43 Resp: 385547  
Ion Ratio Lower Upper  
43 100  
55 25.0 21.1 31.7



#48  
t-1,3-Dichloropropene  
Concen: 19.411 ug/l  
RT: 10.38 min Scan# 2677  
Delta R.T. -0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

Tgt Ion: 75 Resp: 332408  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.6 38.4



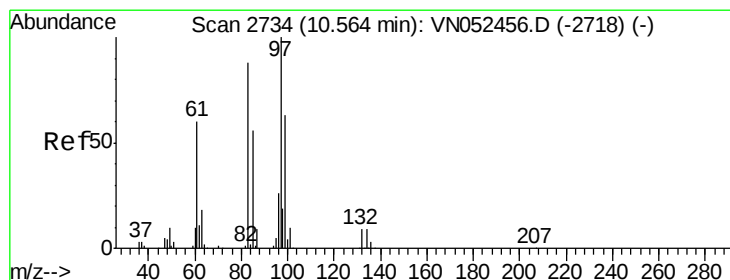
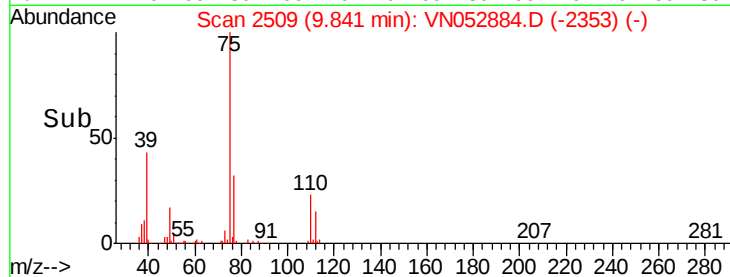
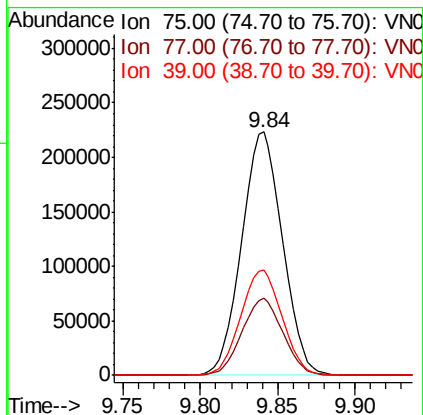
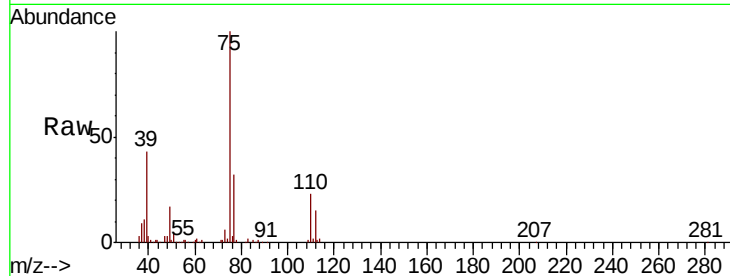


#49

cis-1,3-Dichloropropene  
 Concen: 19.692 ug/l  
 RT: 9.84 min Scan# 2509  
 Delta R.T. 0.00 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

Instrument :  
 MSVOA\_N  
 ClientSampleId :

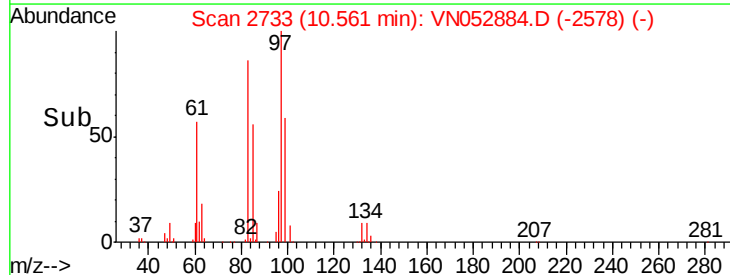
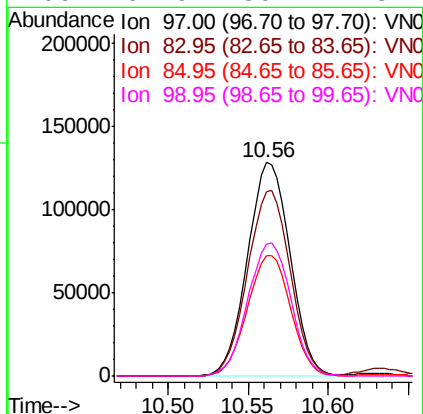
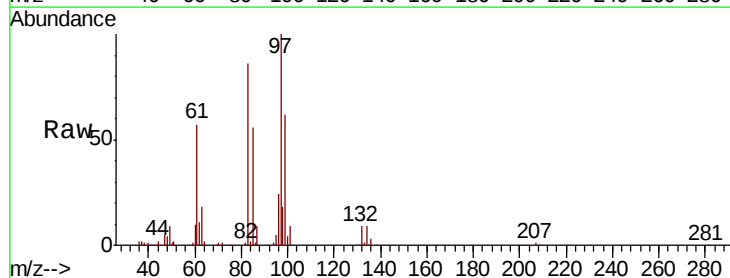
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.6  | 25.4  | 38.0  |
| 39      | 42.9  | 37.3  | 55.9  |

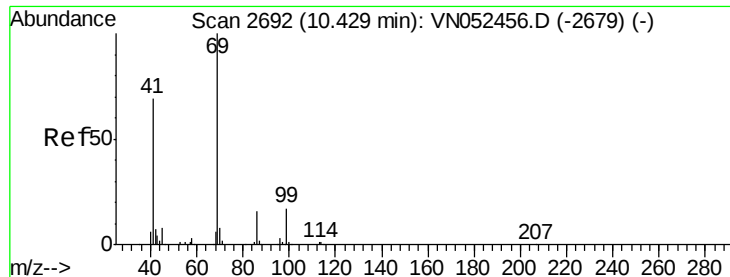


#50

1,1,2-Trichloroethane  
 Concen: 20.691 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. -0.00 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 86.3  | 70.4  | 105.6 |
| 85      | 56.5  | 45.0  | 67.6  |
| 99      | 61.9  | 50.2  | 75.2  |





#51

Ethyl methacrylate

Concen: 21.820 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

ClientSampled :

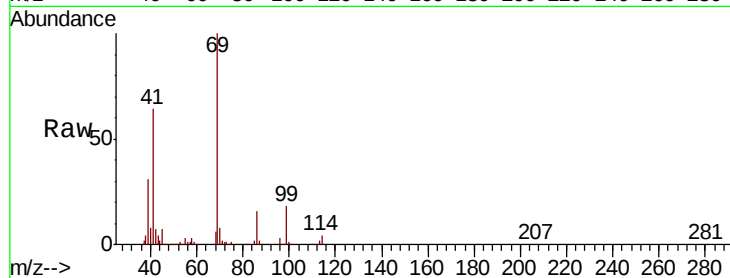
Tot Ion: 69 Resp: 310539

Ion Ratio Lower Upper

69 100

41 63.3 34.4 103.3

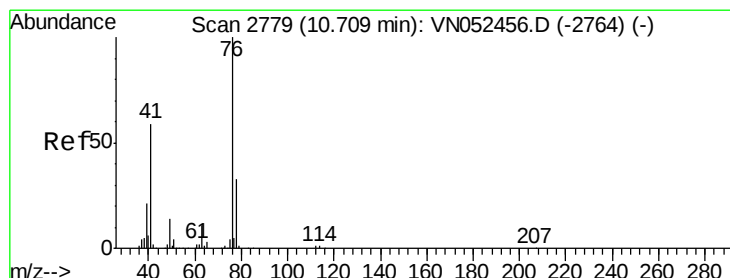
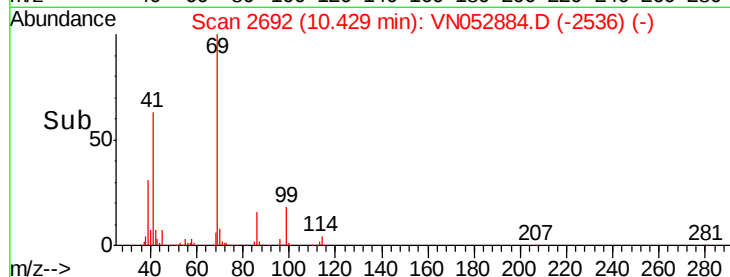
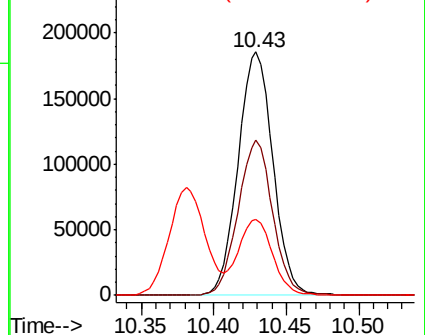
39 31.1 16.4 49.2



Abundance Ion 69.00 (68.70 to 69.70): VN052884.D (-2679) (-)

Ion 41.00 (40.70 to 41.70): VN052884.D (-2679) (-)

Ion 39.00 (38.70 to 39.70): VN052884.D (-2679) (-)



#52

1,3-Dichloropropane

Concen: 19.849 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN052884.D

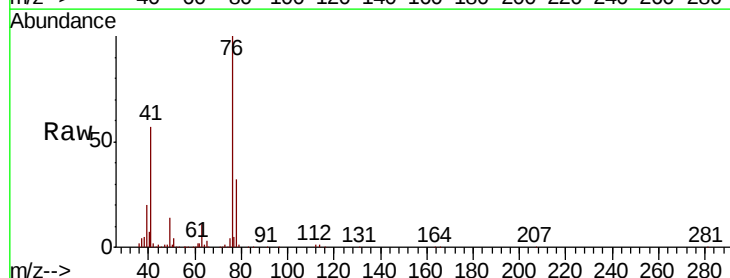
Acq: 14 Dec 2018 13:03

Tgt Ion: 76 Resp: 400351

Ion Ratio Lower Upper

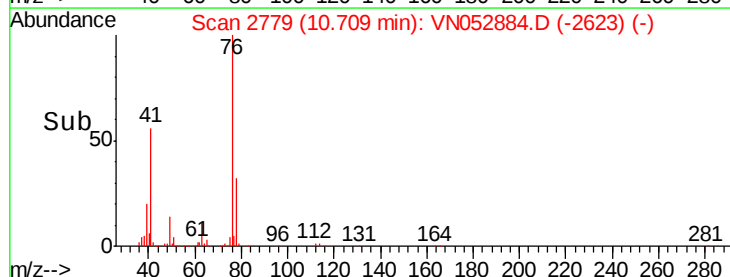
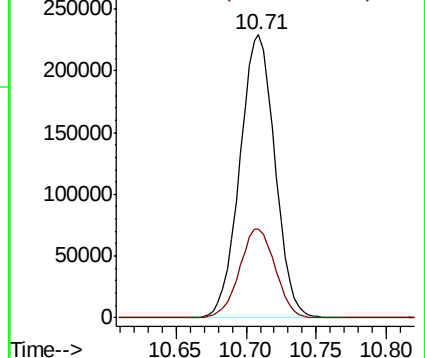
76 100

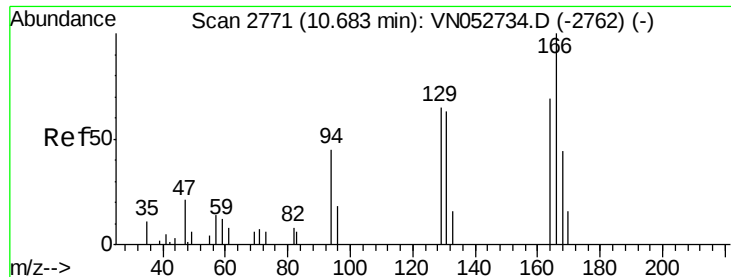
78 32.1 0.0 64.8



Abundance Ion 76.00 (75.70 to 76.70): VN052884.D (-2623) (-)

Ion 78.00 (77.70 to 78.70): VN052884.D (-2623) (-)





#53

Dibromochloromethane

Concen: 19.274 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

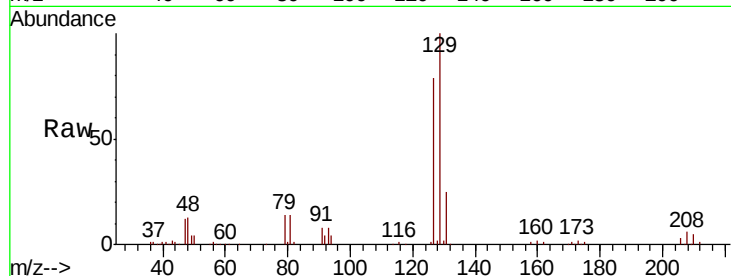
ClientSampled :

Tot Ion:129 Resp: 240450

Ion Ratio Lower Upper

129 100

127 78.1 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.90

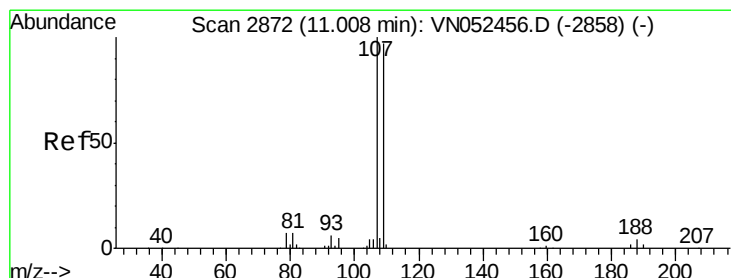
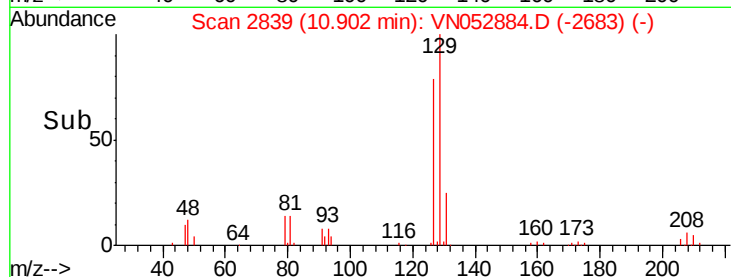
150000

100000

50000

0

Time-->



#54

1,2-Dibromoethane

Concen: 20.100 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052884.D

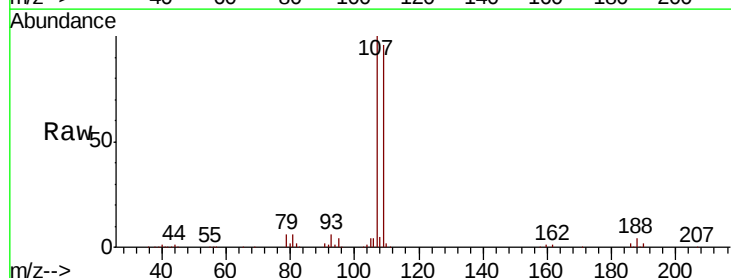
Acq: 14 Dec 2018 13:03

Tgt Ion:107 Resp: 222559

Ion Ratio Lower Upper

107 100

109 95.9 77.1 115.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

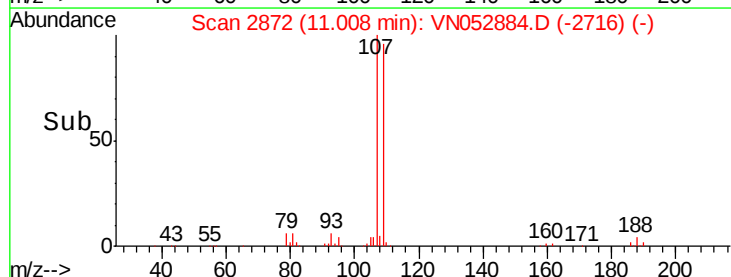
11.01

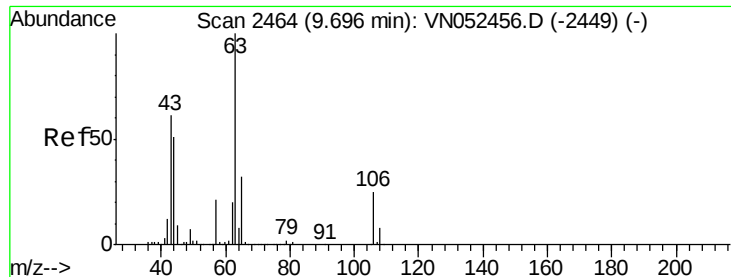
100000

50000

0

Time-->

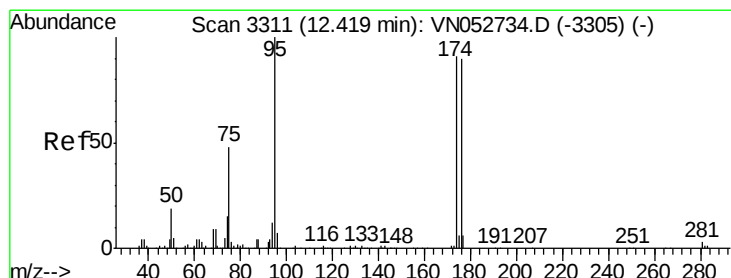
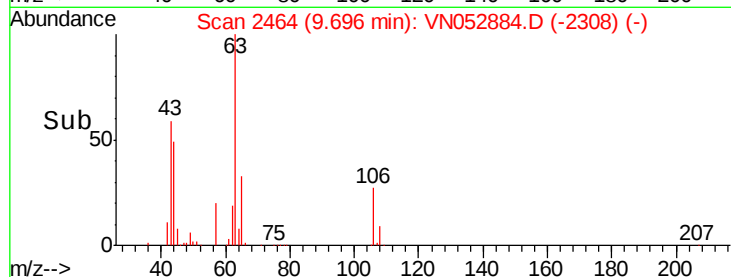
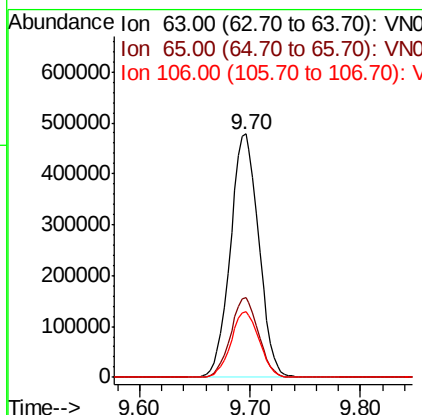
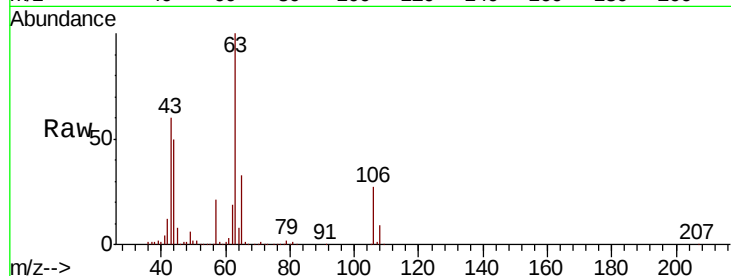




#55  
2-Chloroethyl vinyl ether  
Concen: 102.472 ug/l  
RT: 9.70 min Scan# 2464  
Delta R.T. 0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

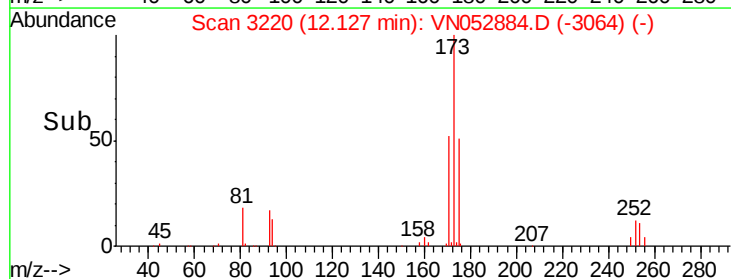
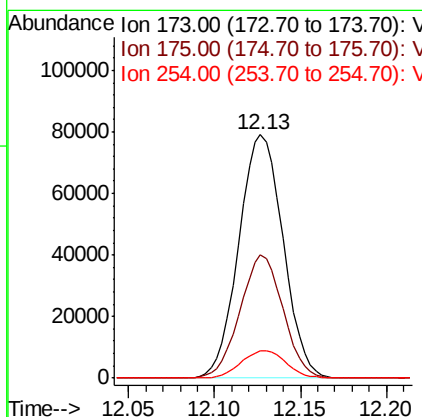
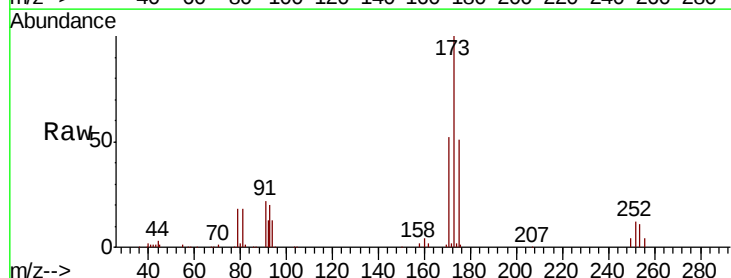
Instrument :  
MSVOA\_N  
ClientSampleId :

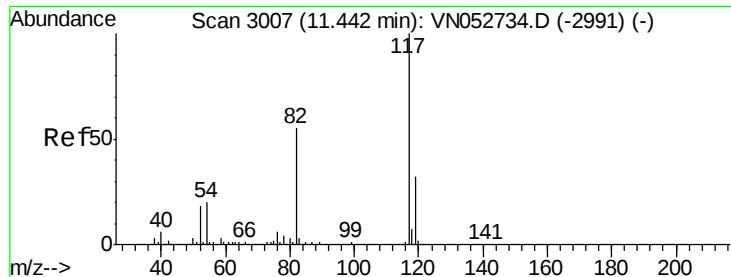
Tot Ion: 63 Resp: 853647  
Ion Ratio Lower Upper  
63 100  
65 32.1 25.4 38.2  
106 26.9 20.4 30.6



#56  
Bromoform  
Concen: 17.305 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. 0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

Tgt Ion: 173 Resp: 141111  
Ion Ratio Lower Upper  
173 100  
175 49.1 38.7 58.1  
254 11.4 8.4 12.6

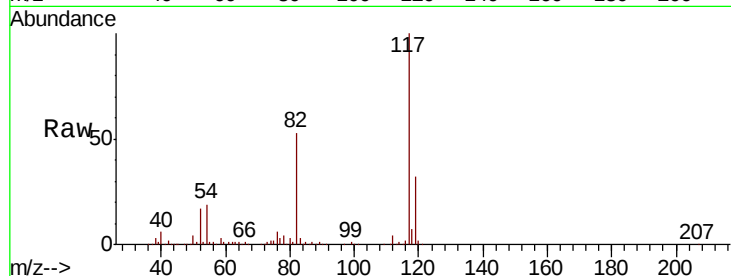




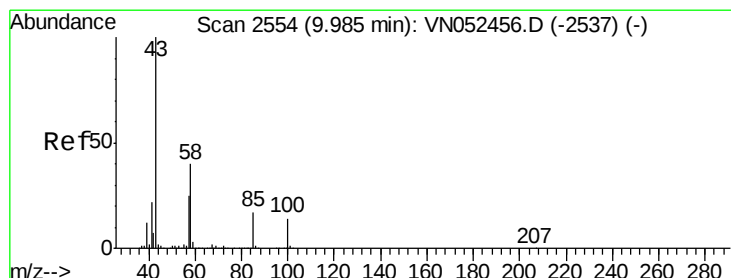
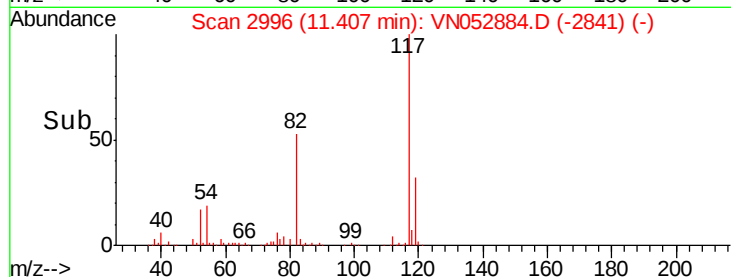
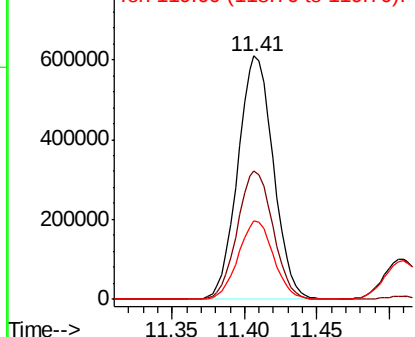
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:117 Resp: 1036089  
Ion Ratio Lower Upper  
117 100  
82 53.3 44.2 66.2  
119 32.1 25.4 38.2

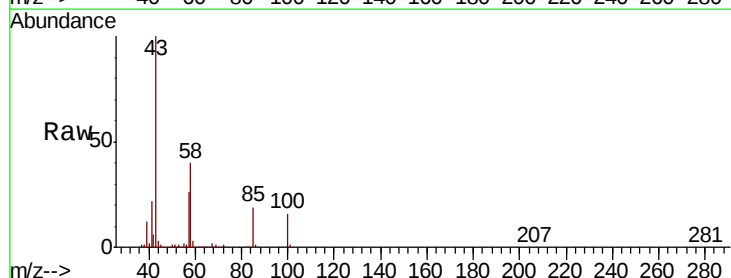


Abundance Ion 117.00 (116.70 to 117.70): V  
Ion 82.00 (81.70 to 82.70): VN  
Ion 119.00 (118.70 to 119.70): V

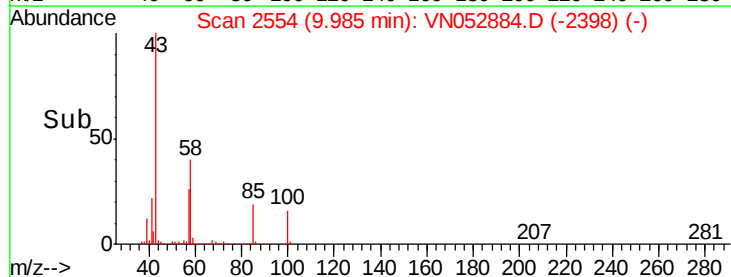
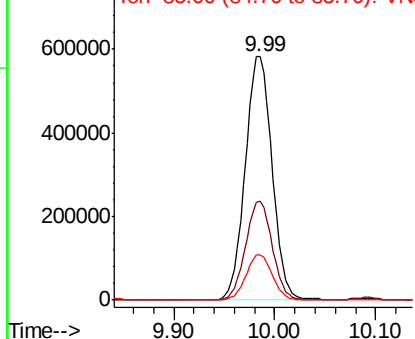


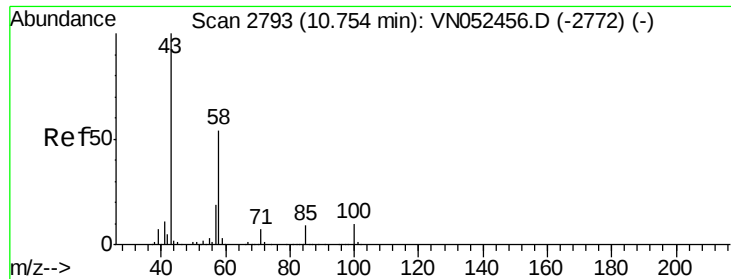
#58  
4-Methyl-2-Pentanone  
Concen: 106.226 ug/l  
RT: 9.99 min Scan# 2554  
Delta R.T. 0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

Tgt Ion: 43 Resp: 1066998  
Ion Ratio Lower Upper  
43 100  
58 40.5 31.6 47.4  
85 18.2 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VN  
Ion 58.00 (57.70 to 58.70): VN  
Ion 85.00 (84.70 to 85.70): VN

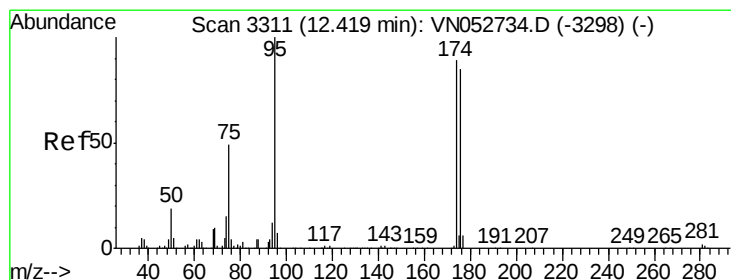
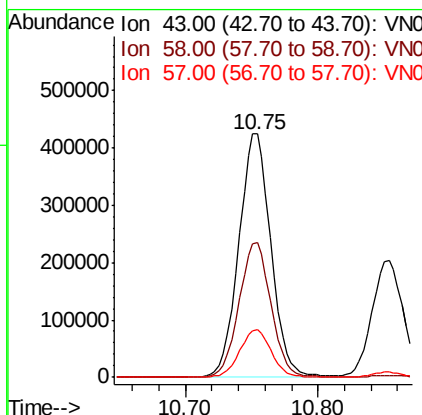
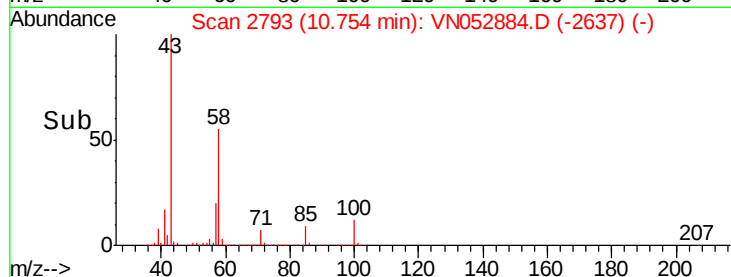
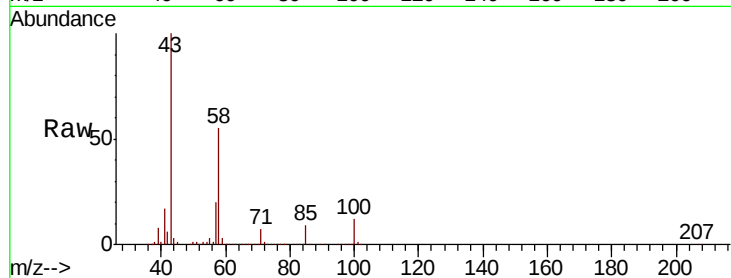




#59  
2-Hexanone  
Concen: 103.812 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

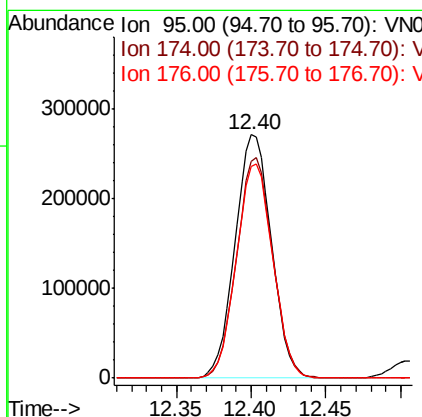
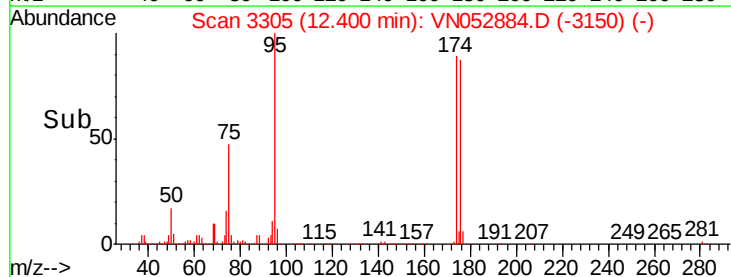
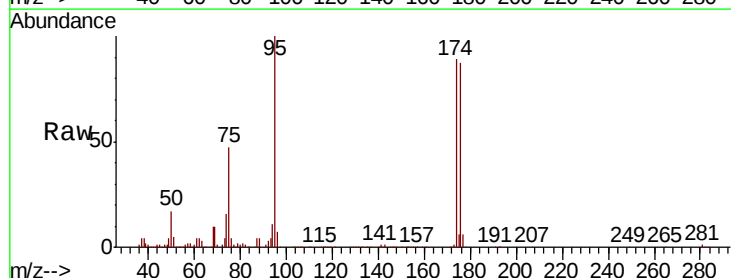
Instrument :  
MSVOA\_N  
ClientSampled :

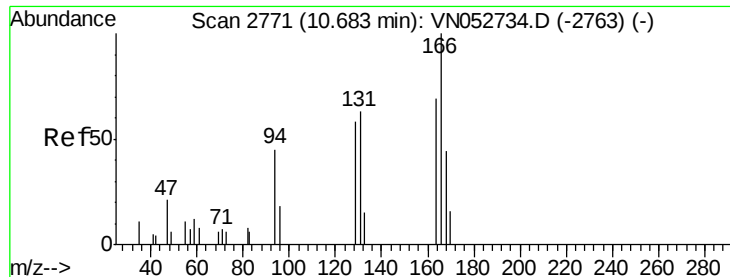
Tot Ion: 43 Resp: 712315  
Ion Ratio Lower Upper  
43 100  
58 55.4 43.2 64.8  
57 19.3 14.9 22.3



#60  
4-Bromofluorobenzene  
Concen: 103.812 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. -0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

Tgt Ion: 95 Resp: 460290  
Ion Ratio Lower Upper  
95 100  
174 89.6 67.9 101.9  
176 88.0 66.4 99.6





#61

Tetrachloroethene

Concen: 30.232 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion:164 Resp: 385787

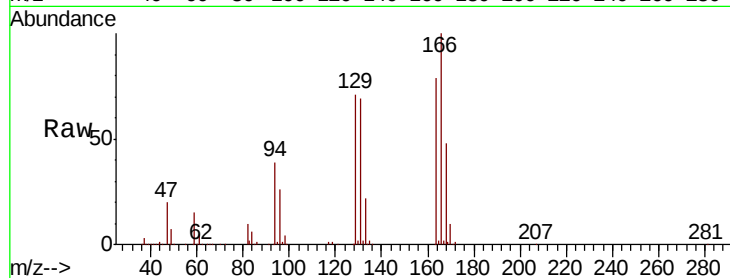
Ion Ratio Lower Upper

164 100

166 127.0 104.6 157.0

129 90.5 75.3 112.9

131 87.2 74.3 111.5

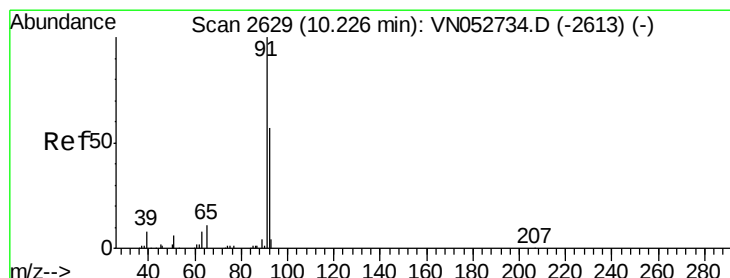
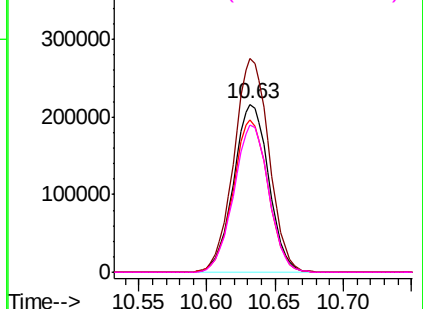
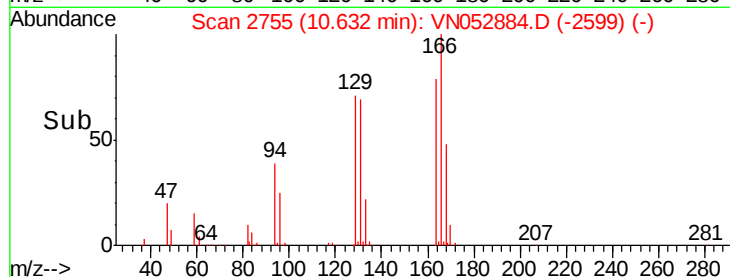


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.589 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052884.D

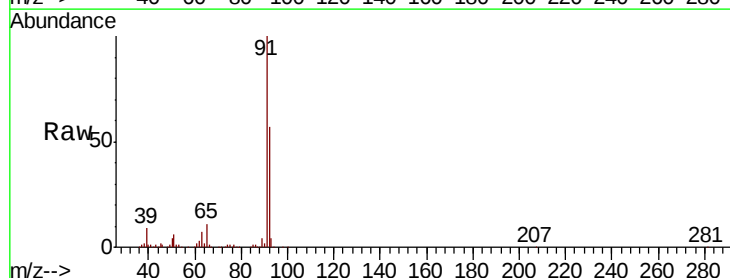
Acq: 14 Dec 2018 13:03

Tgt Ion: 91 Resp: 1176000

Ion Ratio Lower Upper

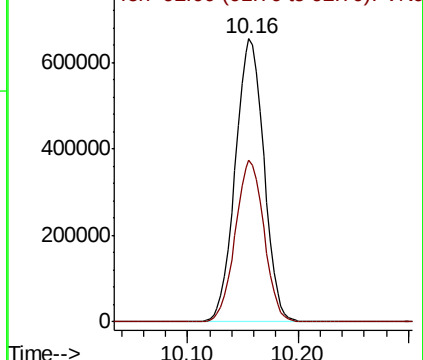
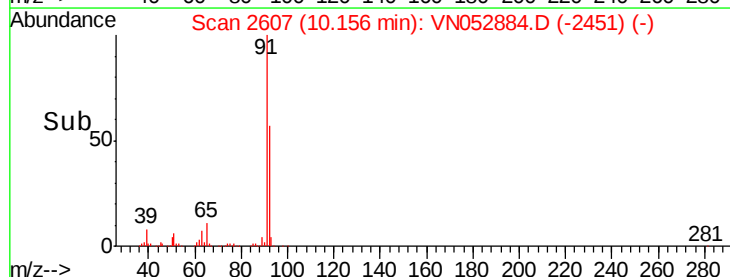
91 100

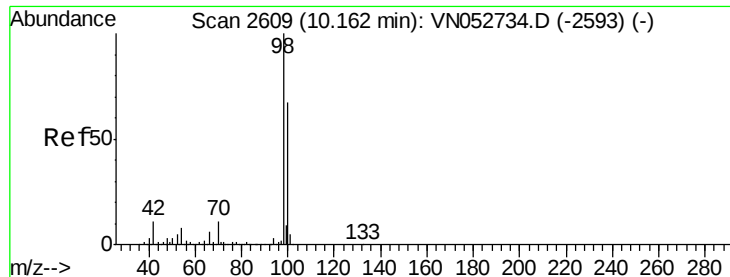
92 57.4 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 20.589 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

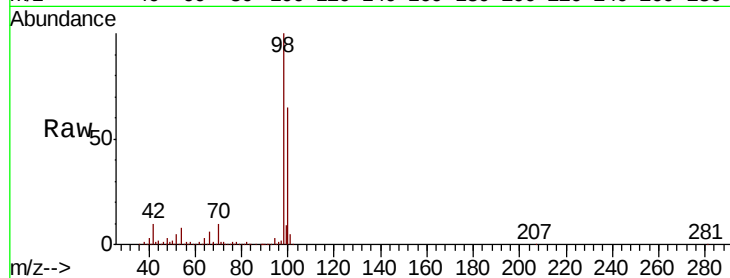
ClientSampleId :

Tot Ion: 98 Resp: 1415324

Ion Ratio Lower Upper

98 100

100 64.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN052734.D (-2593) (-)

Ion 100.00 (99.70 to 100.70): VN052734.D (-2593) (-)

10.09

800000

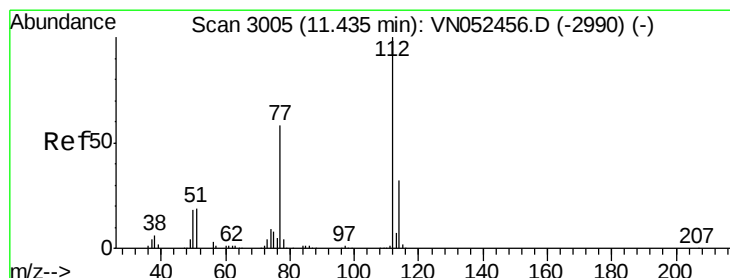
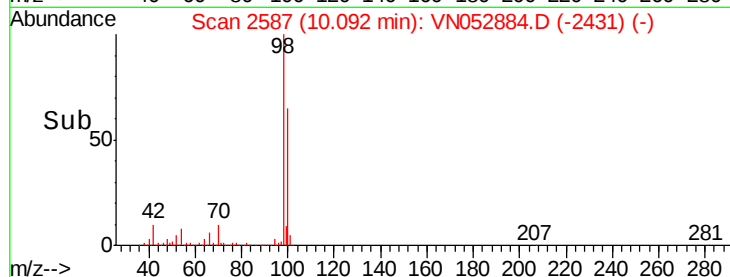
600000

400000

200000

0

Time-->



#64

Chlorobenzene

Concen: 20.745 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN052884.D

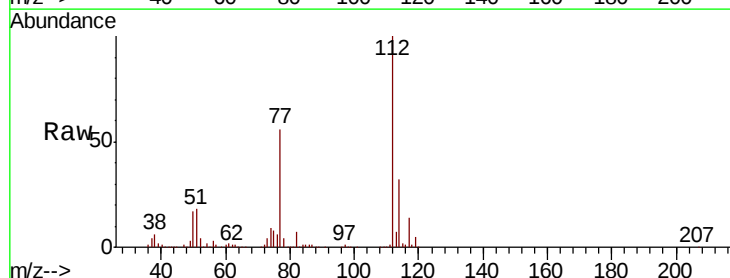
Acq: 14 Dec 2018 13:03

Tgt Ion: 112 Resp: 723206

Ion Ratio Lower Upper

112 100

114 31.7 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): VN052456.D (-2990) (-)

Ion 114.00 (113.70 to 114.70): VN052456.D (-2990) (-)

11.43

500000

400000

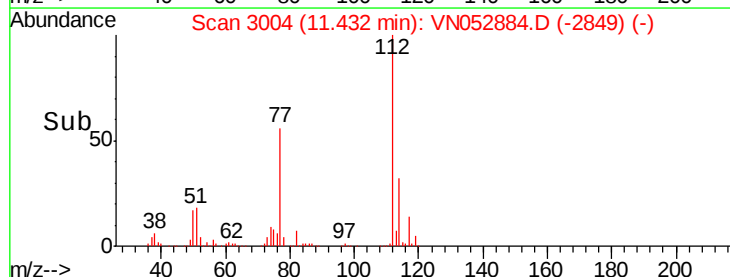
300000

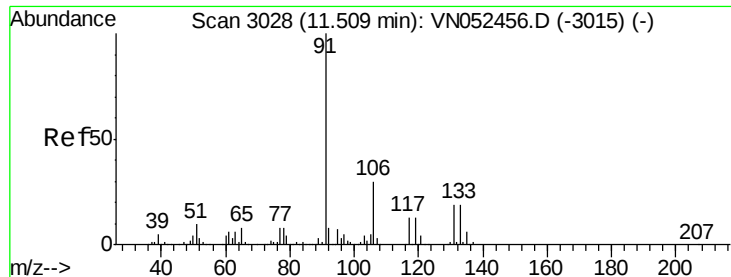
200000

100000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 20.903 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

ClientSampleId :

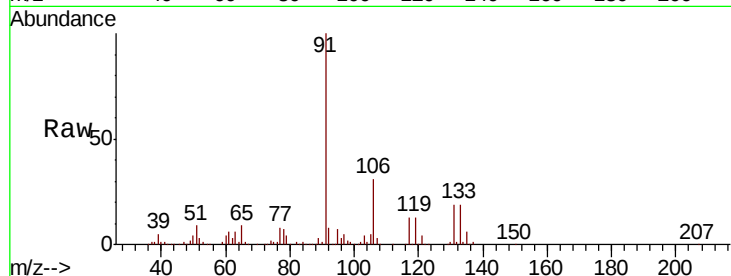
Tot Ion:131 Resp: 252952

Ion Ratio Lower Upper

131 100

133 95.6 0.0 193.4

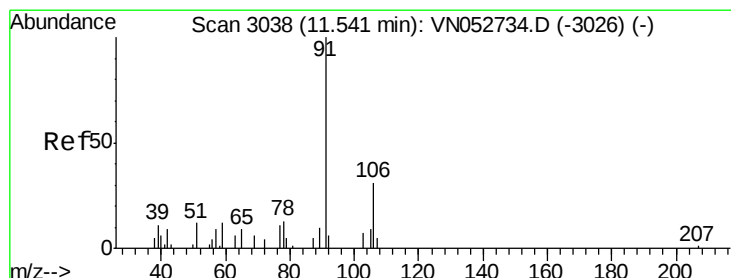
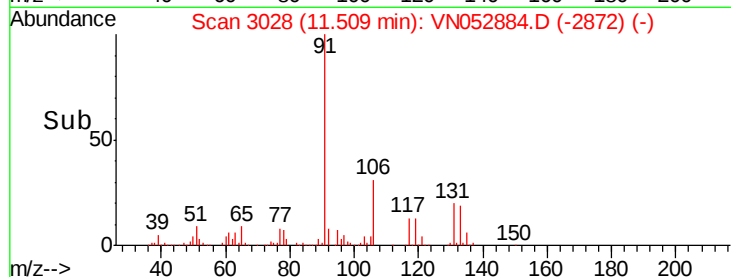
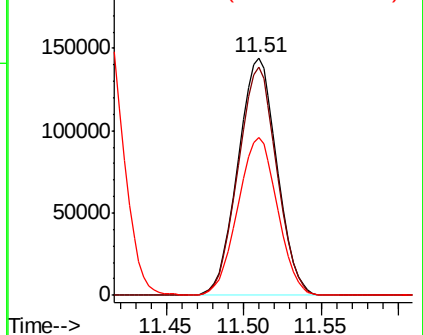
119 67.6 0.0 133.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.471 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN052884.D

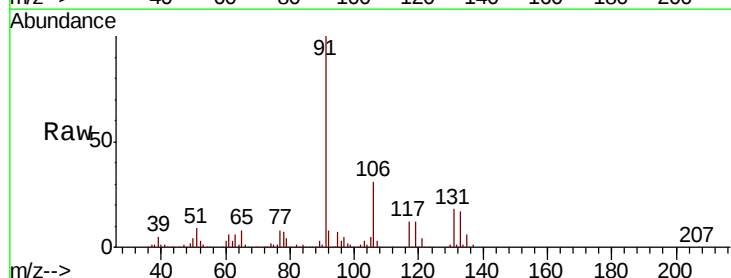
Acq: 14 Dec 2018 13:03

Tgt Ion: 91 Resp: 1260175

Ion Ratio Lower Upper

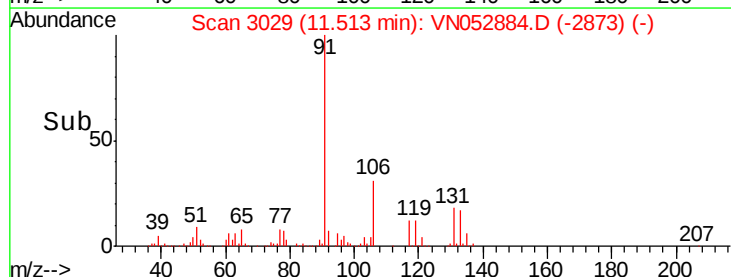
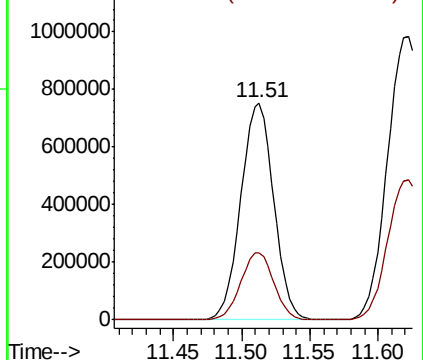
91 100

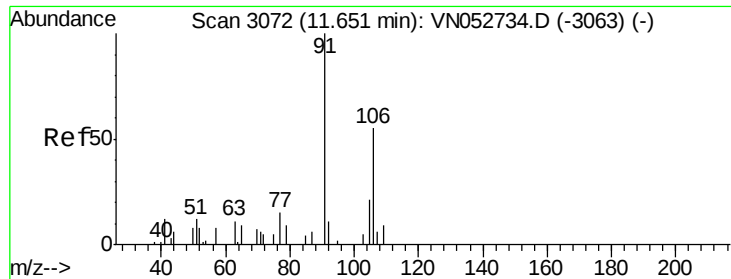
106 31.2 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 41.207 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

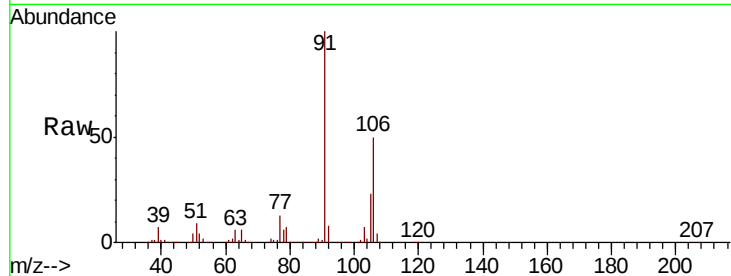
ClientSampled :

Tot Ion:106 Resp: 945031

Ion Ratio Lower Upper

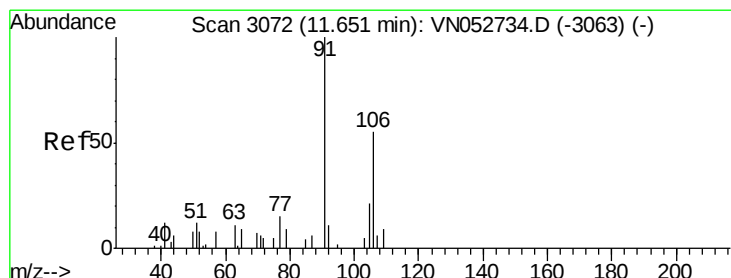
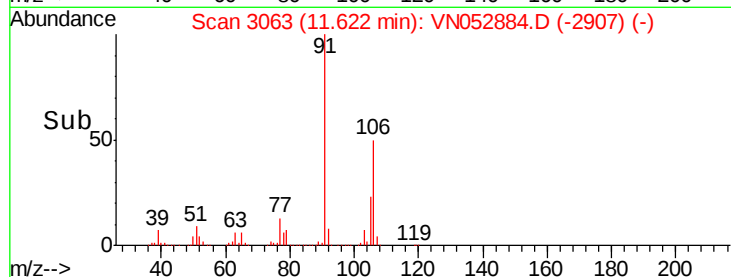
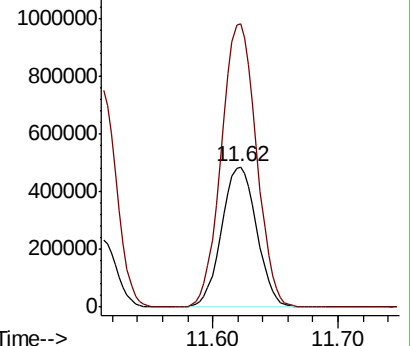
106 100

91 201.6 163.9 245.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 20.483 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN052884.D

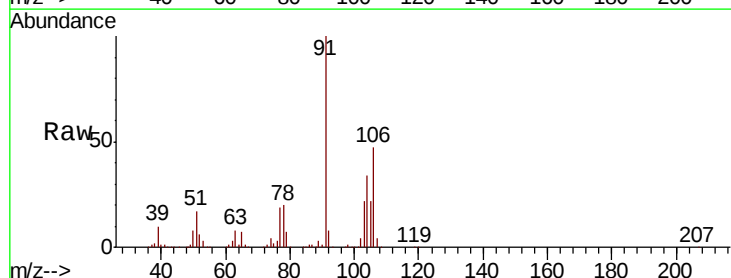
Acq: 14 Dec 2018 13:03

Tgt Ion:106 Resp: 455953

Ion Ratio Lower Upper

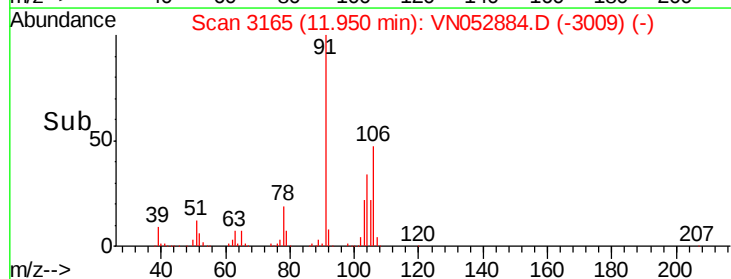
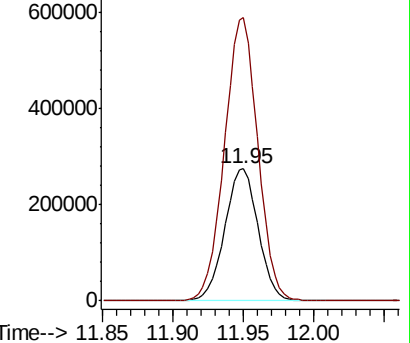
106 100

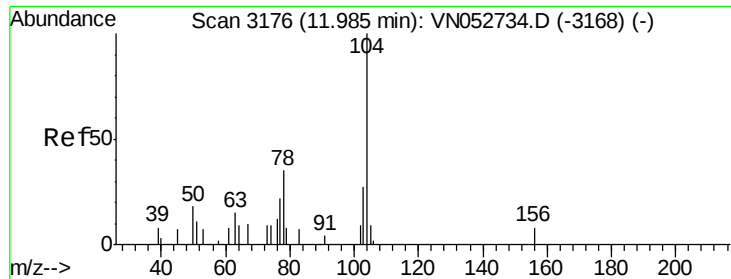
91 213.1 107.8 323.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

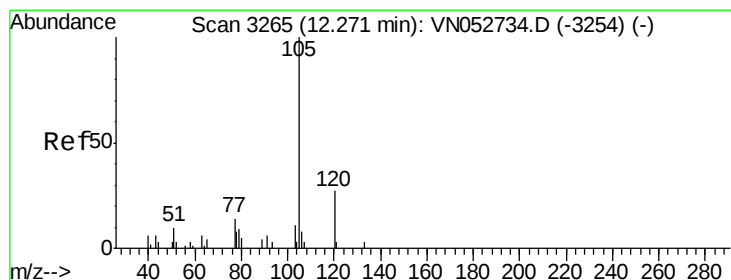
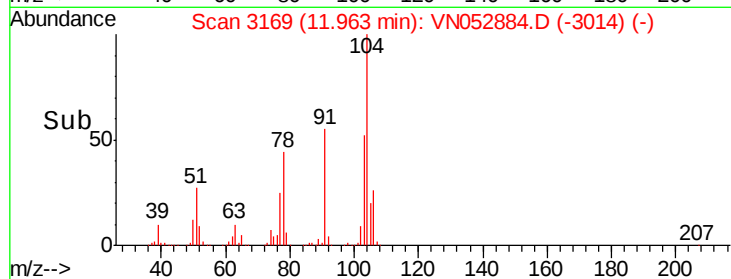
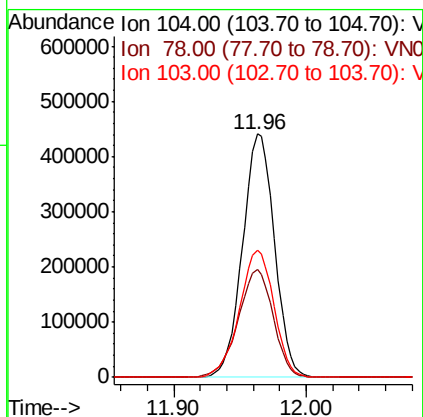
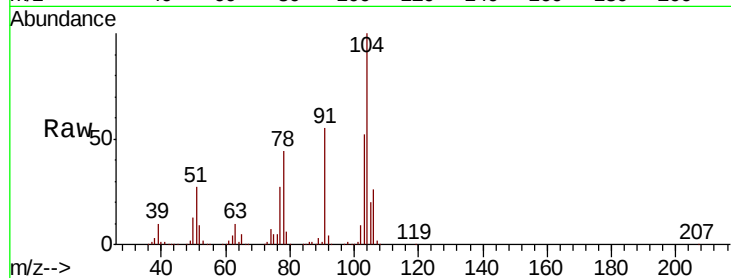




#69  
Stvrene  
Concen: 20.548 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

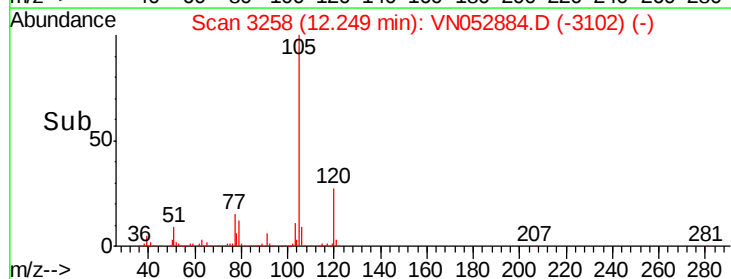
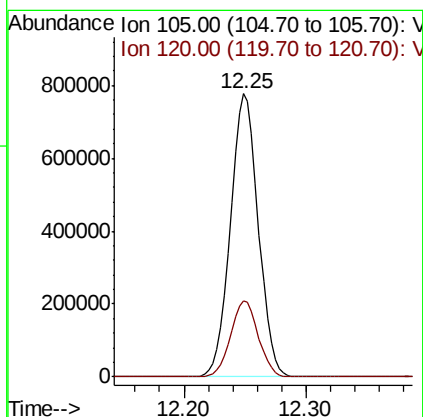
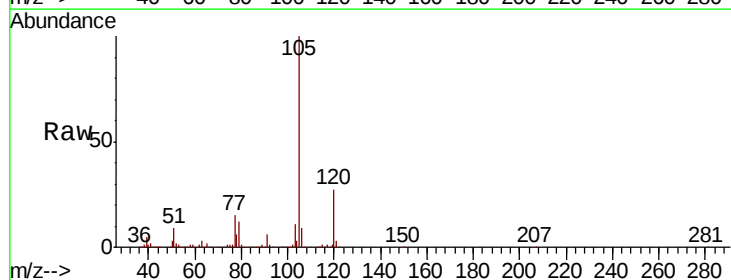
Instrument :  
MSVOA\_N  
ClientSampleId :

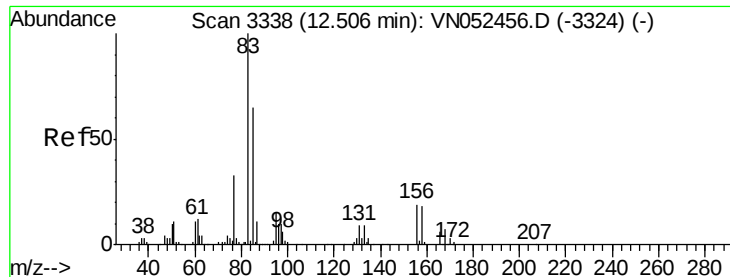
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 48.5  | 39.3  | 58.9  |
| 103     | 56.3  | 44.6  | 66.8  |



#70  
Isopropylbenzene  
Concen: 20.810 ug/l  
RT: 12.25 min Scan# 3258  
Delta R.T. 0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.8  | 18.6  | 34.6  |





#71

1,1,2,2-Tetrachloroethane

Concen: 16.449 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

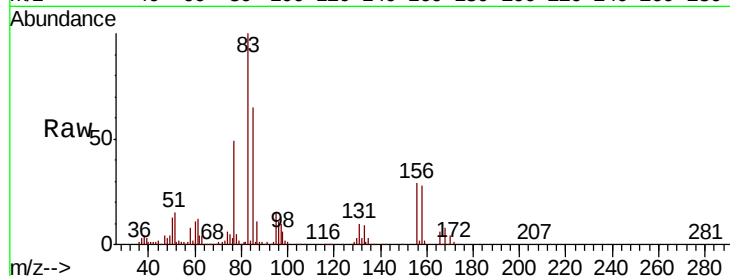
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 83 Resp: 211923

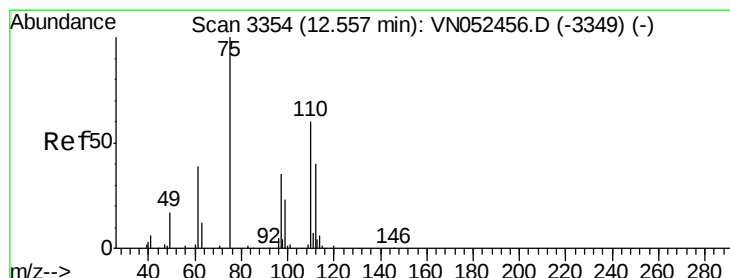
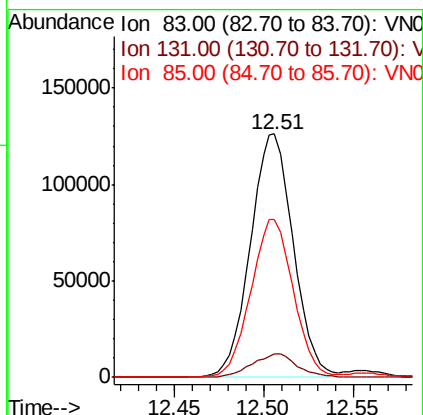
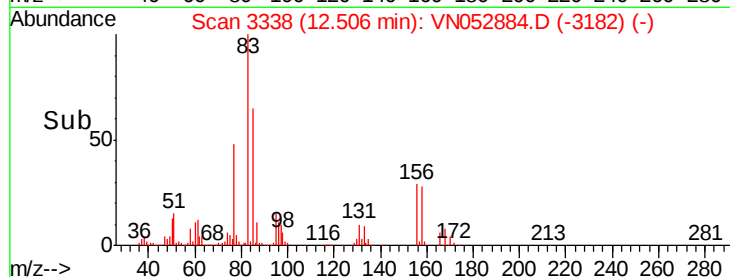
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 10.2  | 4.9   | 14.6  |
| 85  | 64.5  | 32.2  | 96.6  |



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VN0



#72

1,2,3-Trichloropropane

Concen: 28.510 ug/l

RT: 12.55 min Scan# 3353

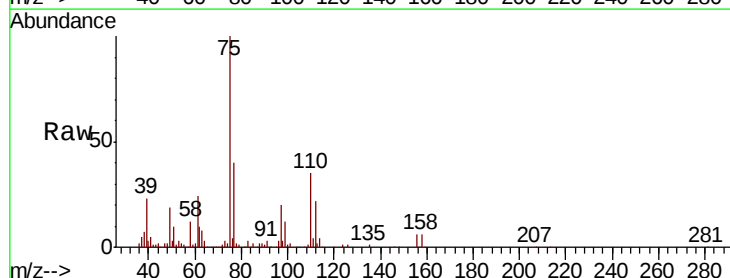
Delta R.T. -0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

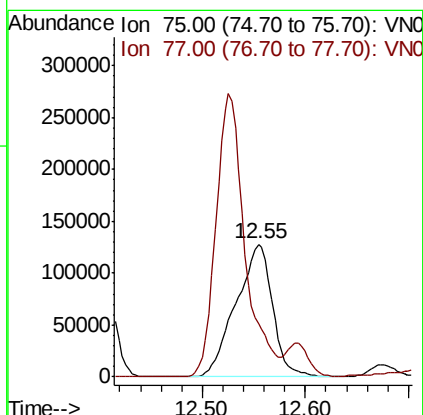
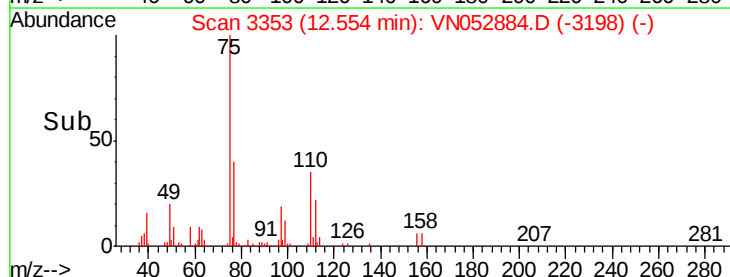
Tgt Ion: 75 Resp: 315303

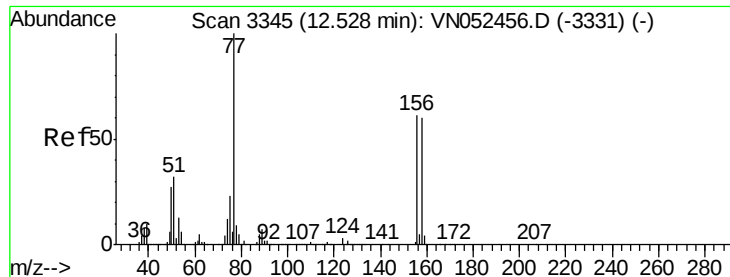
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 168.7 | 0.0   | 514.8 |



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#73

Bromobenzene

Concen: 20.876 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

ClientSampleId :

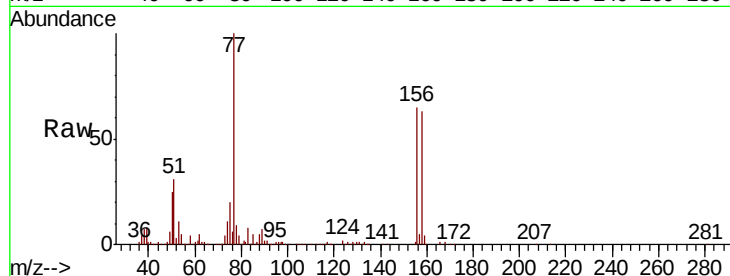
Tot Ion:156 Resp: 299031

Ion Ratio Lower Upper

156 100

77 177.9 0.0 382.6

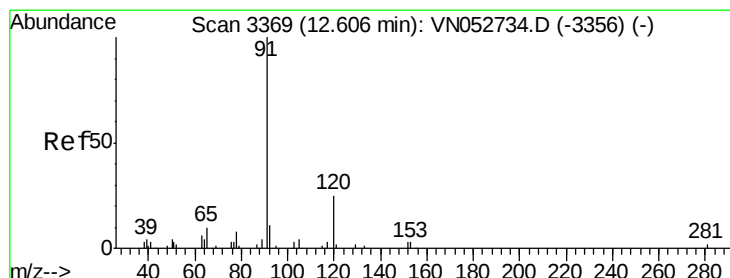
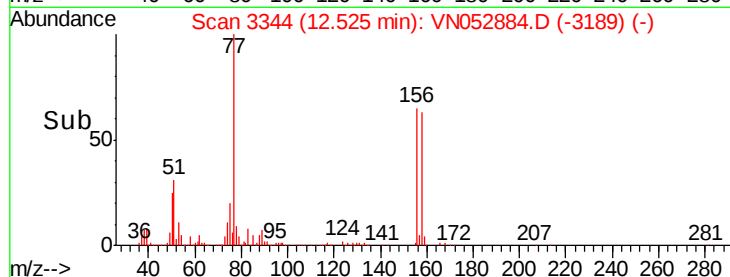
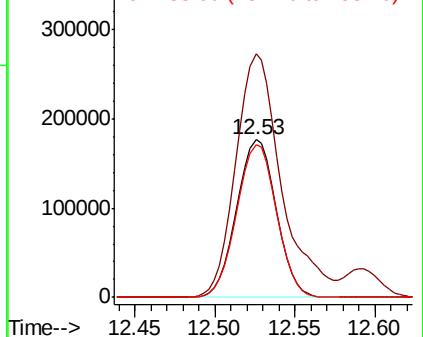
158 97.3 0.0 196.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.091 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052884.D

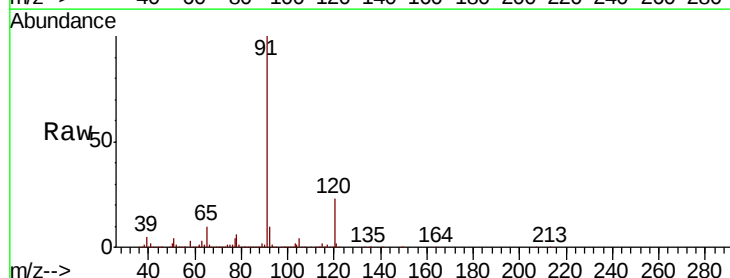
Acq: 14 Dec 2018 13:03

Tgt Ion: 91 Resp: 1386414

Ion Ratio Lower Upper

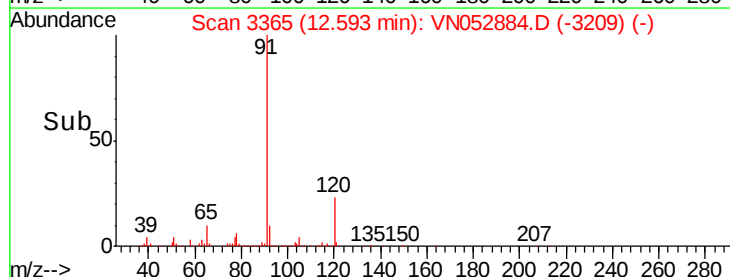
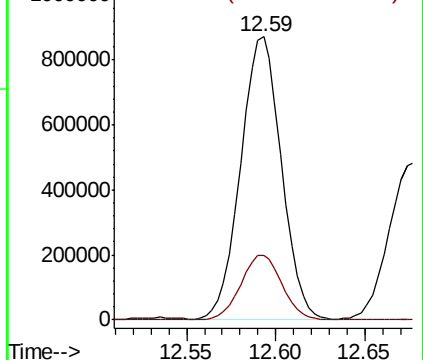
91 100

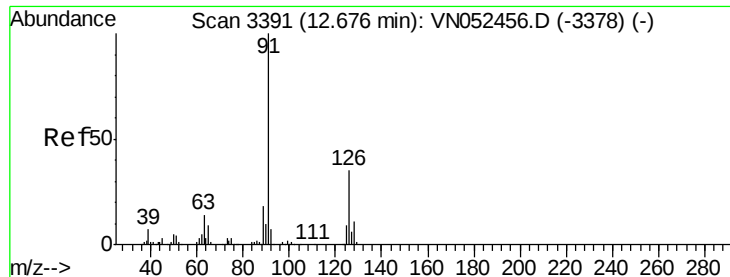
120 23.2 0.0 44.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.129 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

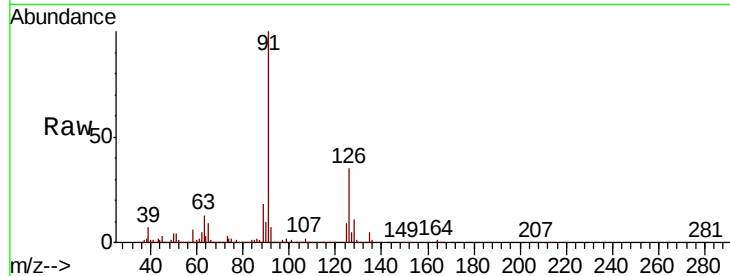
ClientSampleId :

Tot Ion: 91 Resp: 806238

Ion Ratio Lower Upper

91 100

126 34.6 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VN052884.D (-3393) (-)

Ion 126.00 (125.70 to 126.70): VN052884.D (-3393) (-)

800000

600000

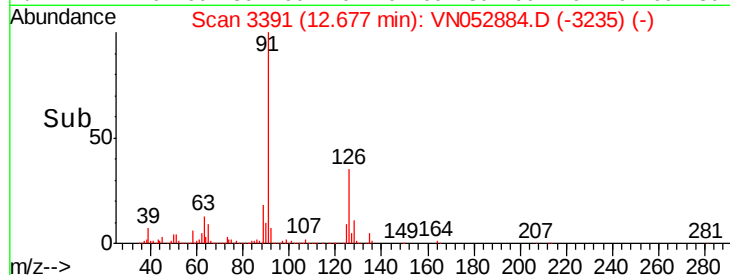
400000

200000

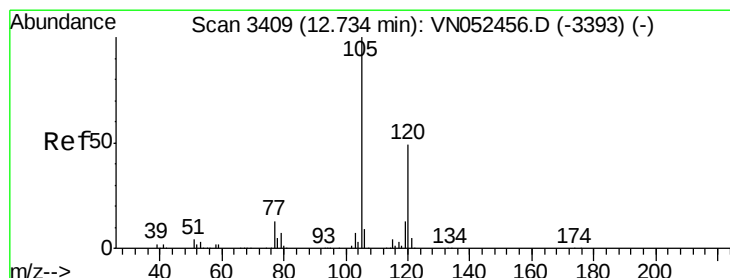
0

12.60 12.65 12.70

12.68



Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.659 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052884.D

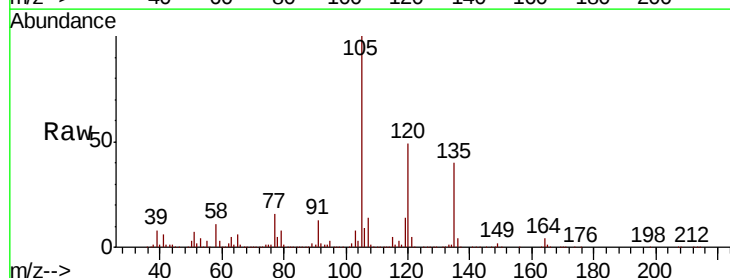
Acq: 14 Dec 2018 13:03

Tgt Ion: 105 Resp: 988268

Ion Ratio Lower Upper

105 100

120 49.9 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): VN052884.D (-3253) (-)

Ion 120.00 (119.70 to 120.70): VN052884.D (-3253) (-)

600000

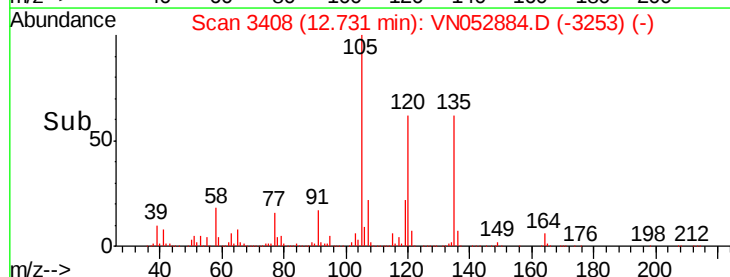
400000

200000

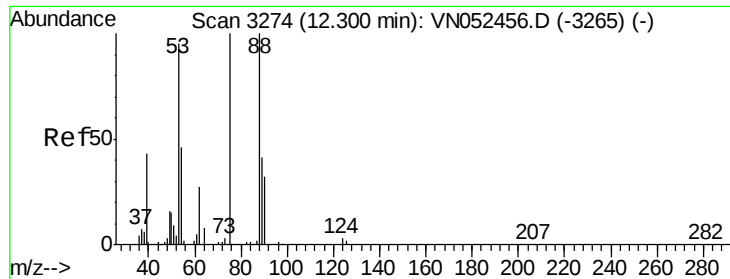
0

12.65 12.70 12.75 12.80

12.73



Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 17.711 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

ClientSampled :

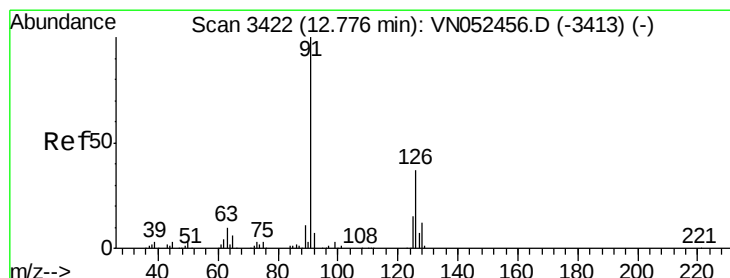
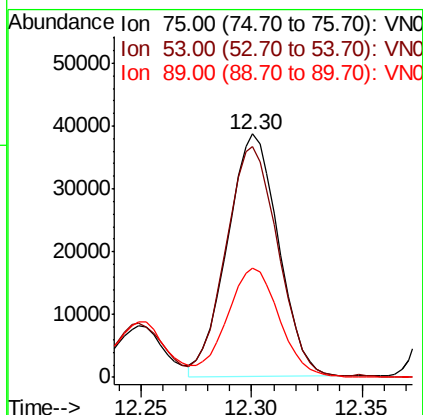
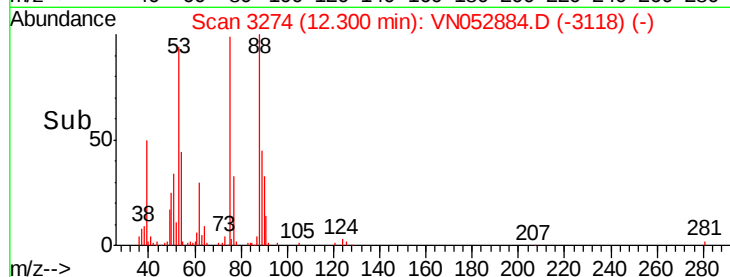
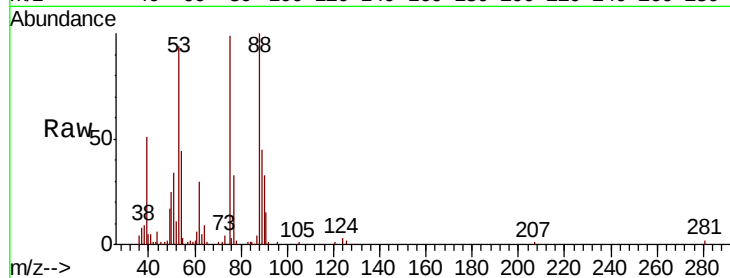
Tot Ion: 75 Resp: 61876

Ion Ratio Lower Upper

75 100

53 95.0 48.5 145.6

89 45.0 21.7 65.1



#78

4-Chlorotoluene

Concen: 25.427 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052884.D

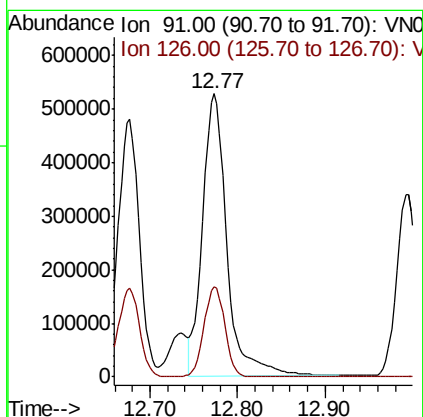
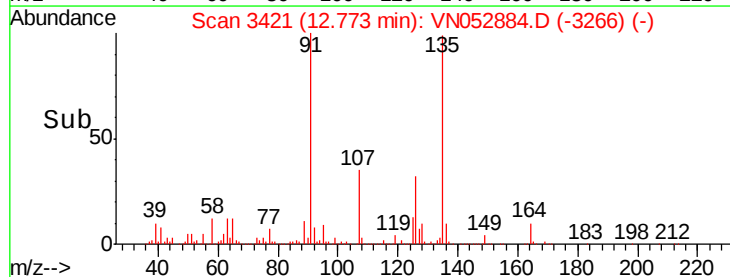
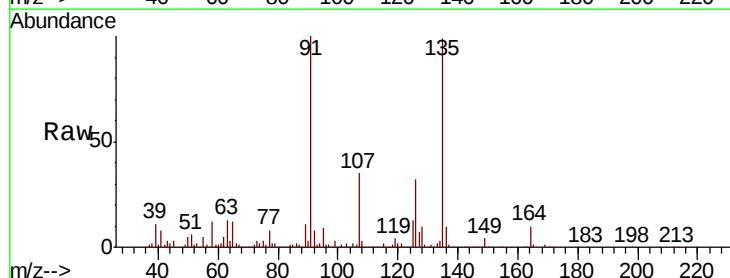
Acq: 14 Dec 2018 13:03

Tgt Ion: 91 Resp: 1017078

Ion Ratio Lower Upper

91 100

126 27.4 0.0 68.2





#79

tert-butylbenzene

Concen: 21.035 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

ClientSampled :

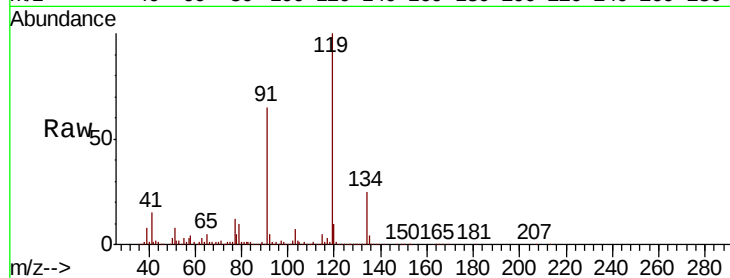
Tot Ion:119 Resp: 876315

Ion Ratio Lower Upper

119 100

91 64.6 0.0 129.8

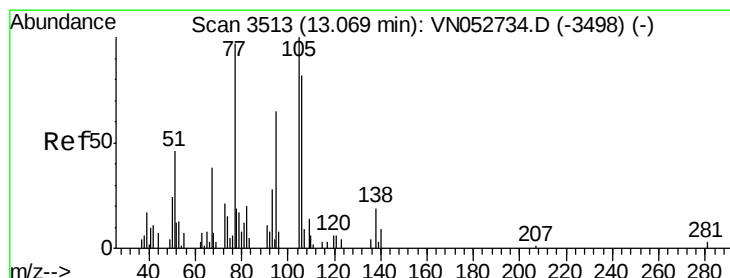
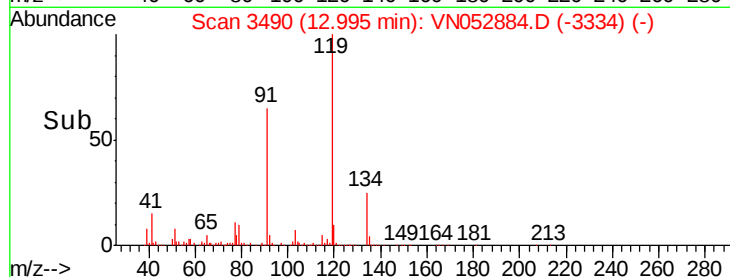
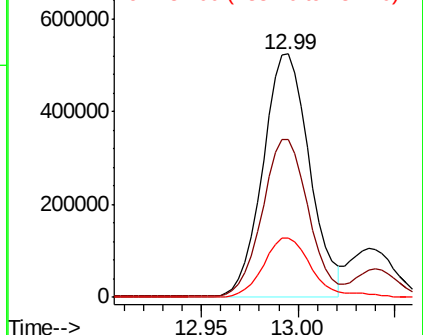
134 25.3 0.0 52.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 20.546 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052884.D

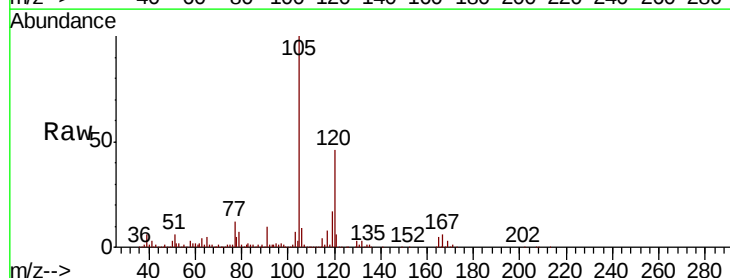
Acq: 14 Dec 2018 13:03

Tgt Ion:105 Resp: 983460

Ion Ratio Lower Upper

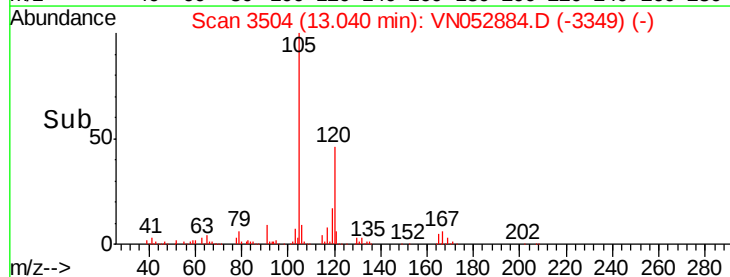
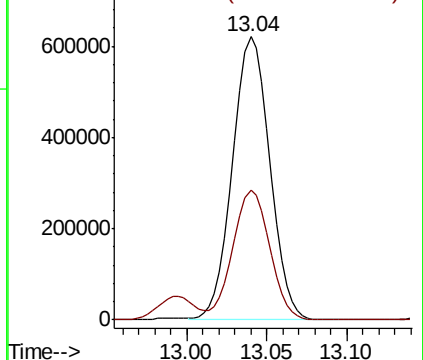
105 100

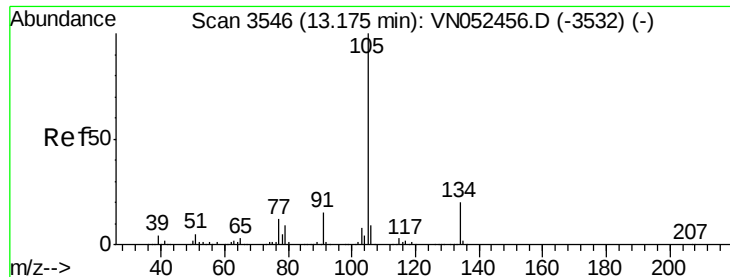
120 45.6 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 20.057 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

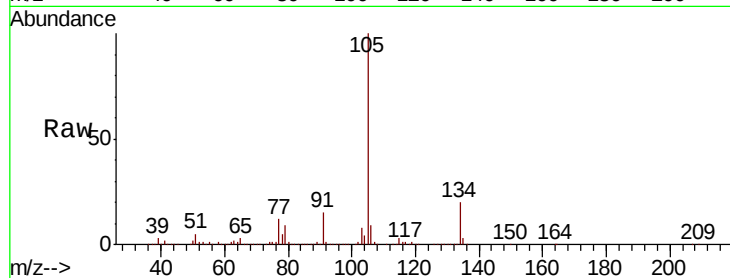
ClientSampleId :

Tot Ion:105 Resp: 1163872

Ion Ratio Lower Upper

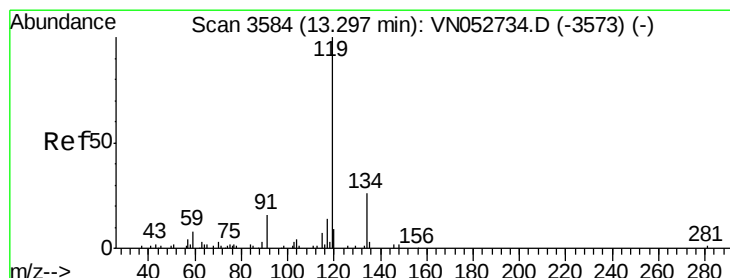
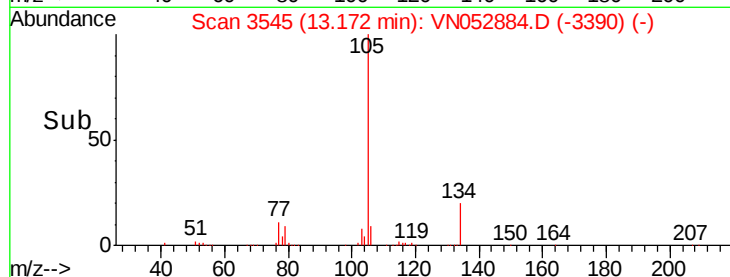
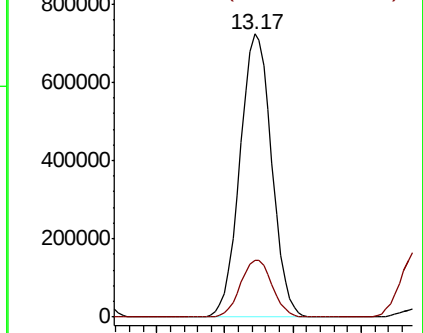
105 100

134 20.2 0.0 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.059 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

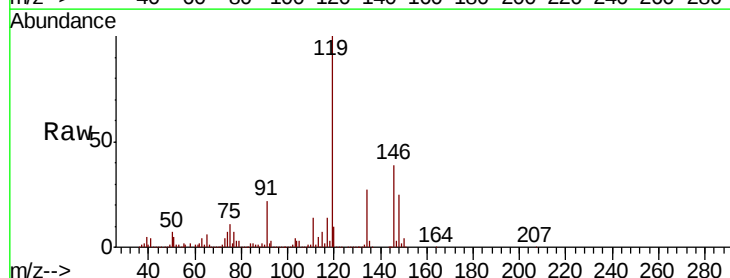
Tgt Ion:119 Resp: 991127

Ion Ratio Lower Upper

119 100

134 26.8 0.0 52.6

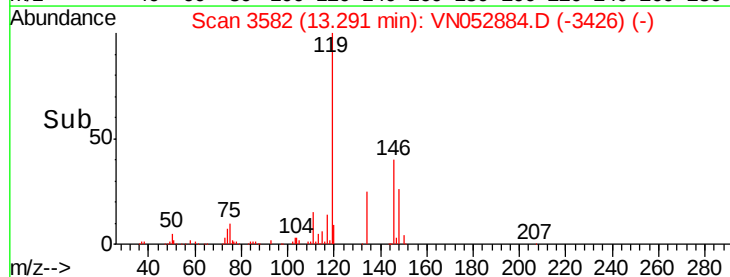
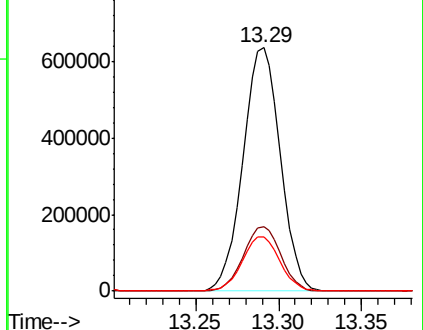
91 22.2 0.0 46.2

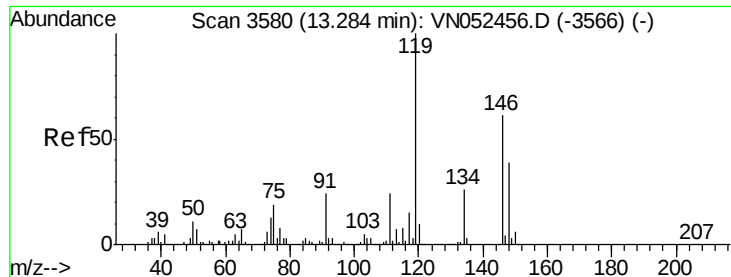


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

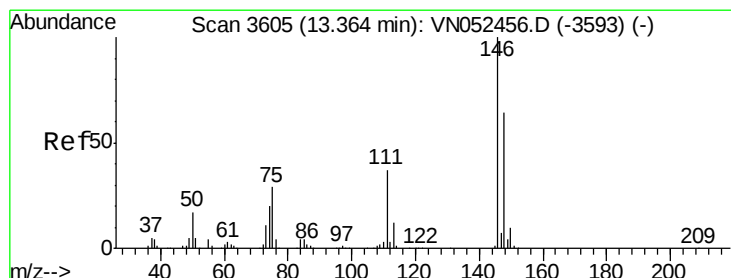
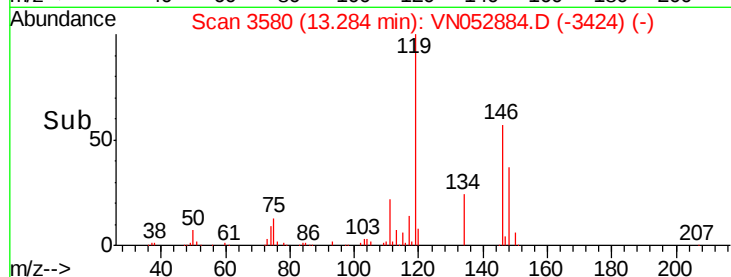
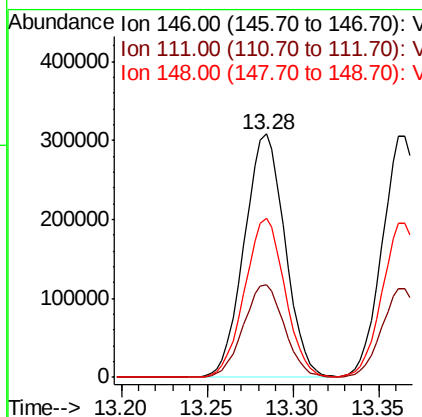
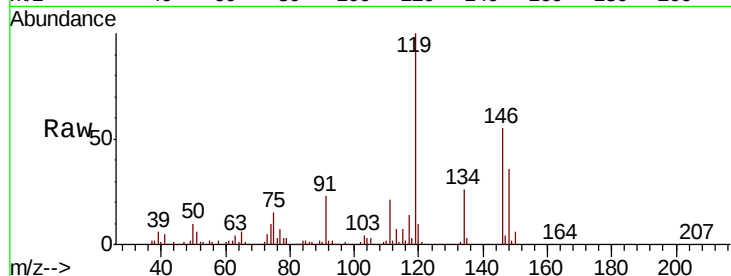




#83  
 1,3-Dichlorobenzene  
 Concen: 20.111 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

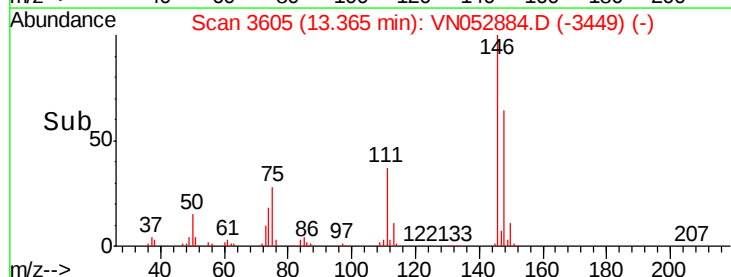
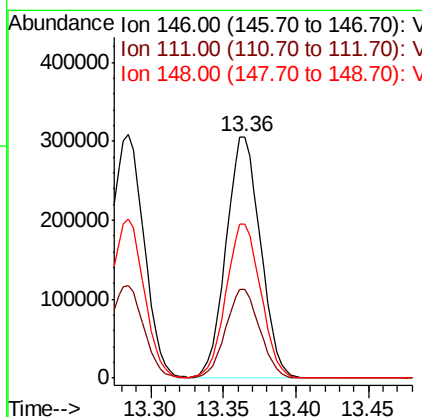
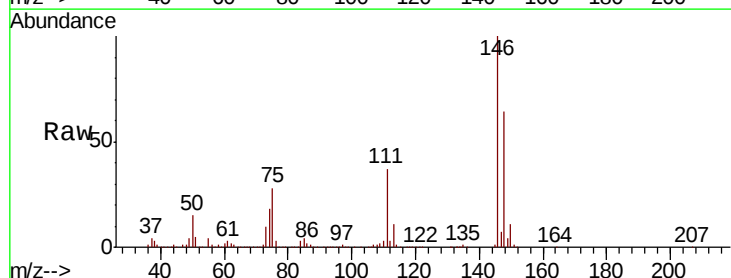
Instrument :  
 MSVOA\_N  
 ClientSampleId :

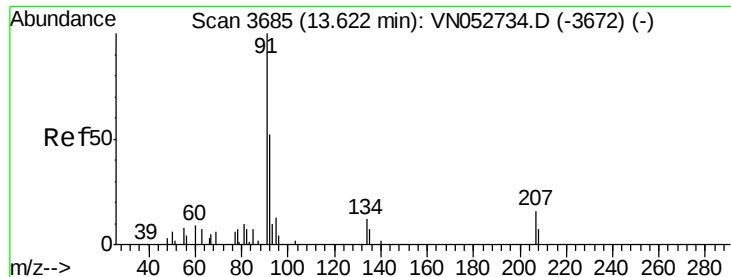
Tot Ion:146 Resp: 506650  
 Ion Ratio Lower Upper  
 146 100  
 111 38.1 19.7 59.0  
 148 64.5 32.3 96.8



#84  
 1,4-Dichlorobenzene  
 Concen: 20.610 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

Tgt Ion:146 Resp: 501647  
 Ion Ratio Lower Upper  
 146 100  
 111 36.2 18.8 56.3  
 148 64.6 32.5 97.4

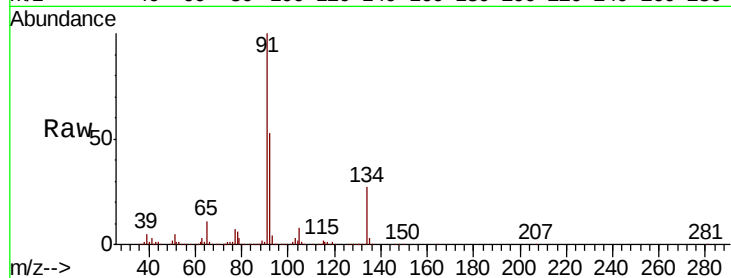




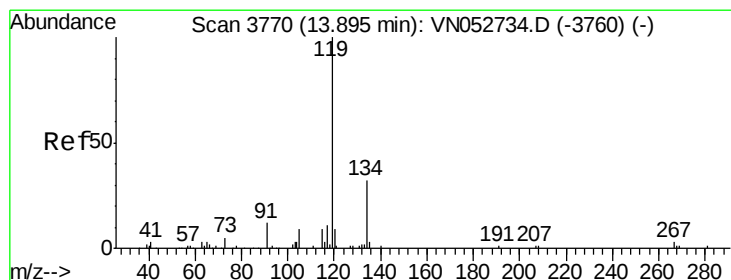
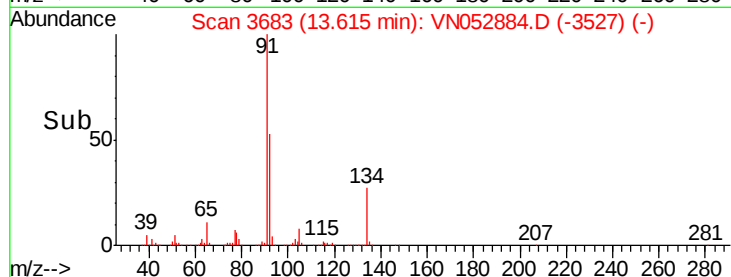
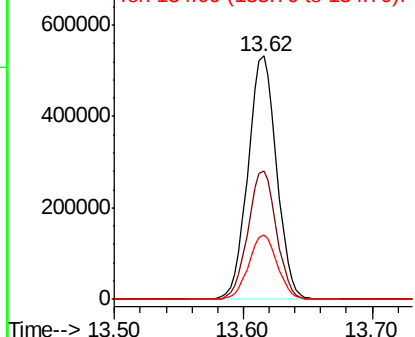
#85  
n-Butylbenzene  
Concen: 19.313 ug/l  
RT: 13.62 min Scan# 3683  
Delta R.T. 0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 91 Resp: 819731  
Ion Ratio Lower Upper  
91 100  
92 52.7 0.0 104.2  
134 26.4 0.0 50.6

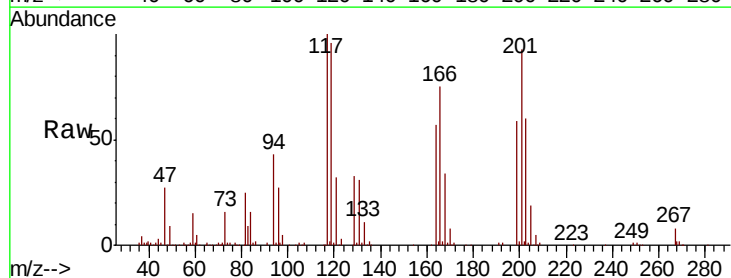


Abundance Ion 91.00 (90.70 to 91.70): VN0  
Ion 92.00 (91.70 to 92.70): VN0  
Ion 134.00 (133.70 to 134.70): VN0

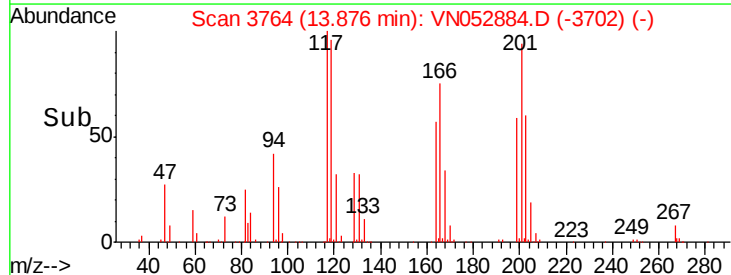
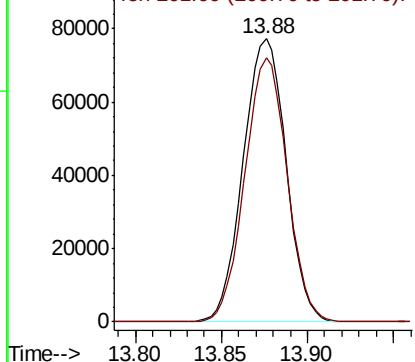


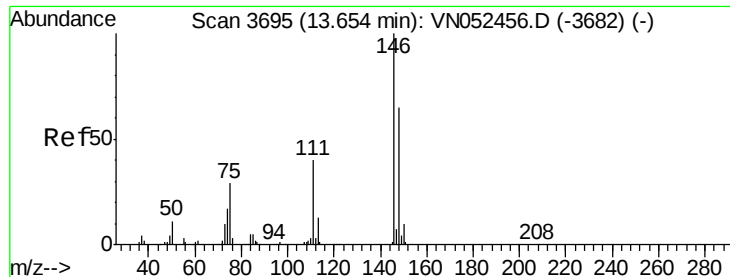
#86  
Hexachloroethane  
Concen: 15.997 ug/l  
RT: 13.88 min Scan# 3764  
Delta R.T. 0.00 min  
Lab File: VN052884.D  
Acq: 14 Dec 2018 13:03

Tgt Ion: 117 Resp: 133928  
Ion Ratio Lower Upper  
117 100  
201 91.7 43.8 131.3



Abundance Ion 117.00 (116.70 to 117.70): V  
Ion 201.00 (200.70 to 201.70): V

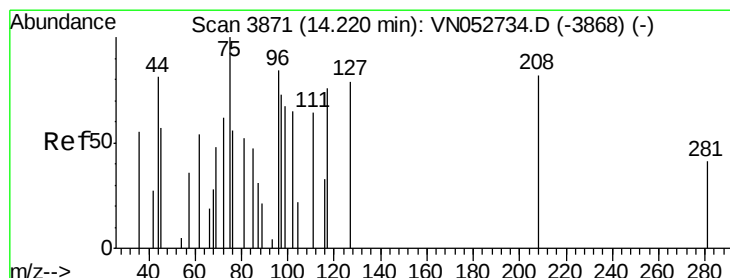
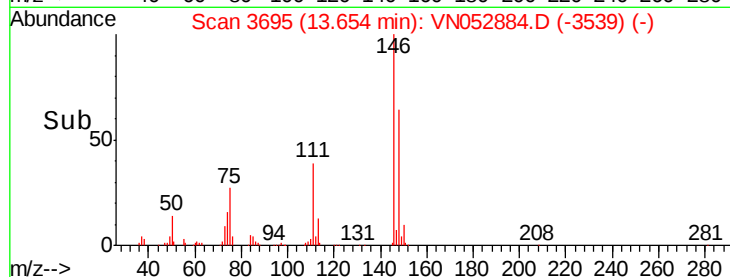
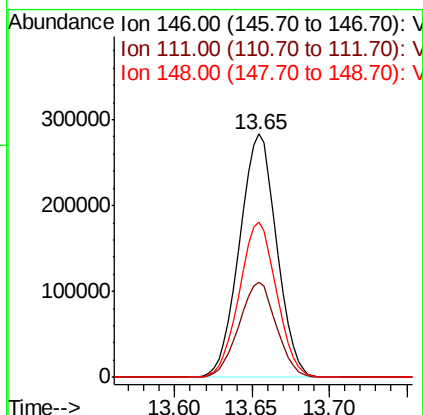
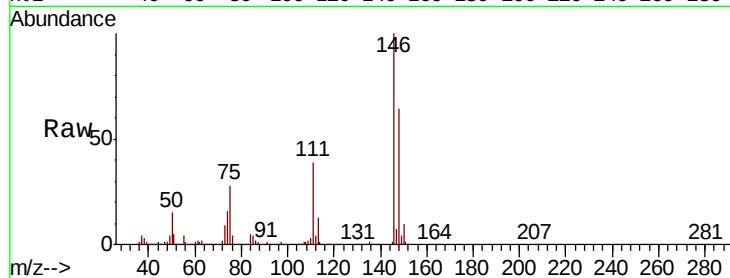




#87  
 1,2-Dichlorobenzene  
 Concen: 19.791 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

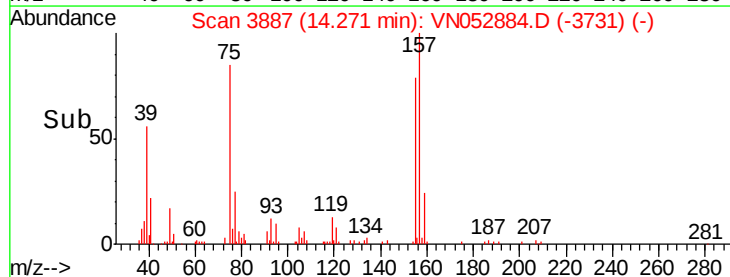
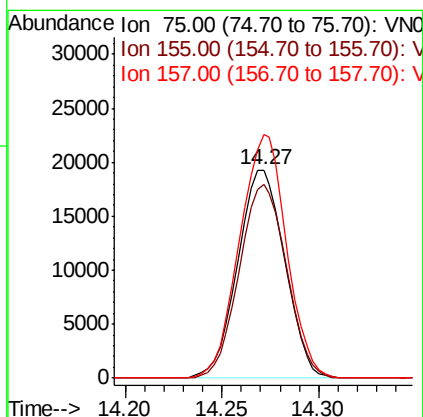
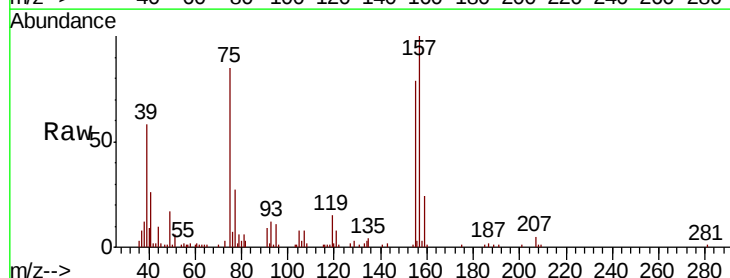
Instrument :  
 MSVOA\_N  
 ClientSampled :

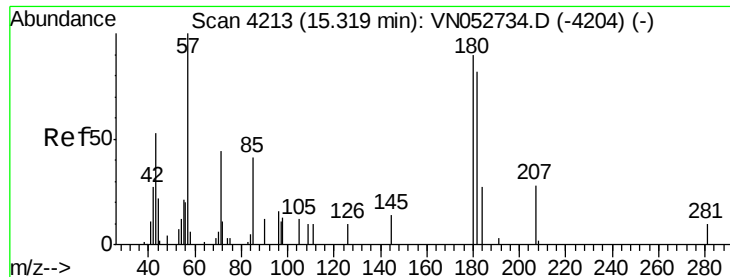
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.3  | 20.3  | 60.8  |
| 148     | 63.6  | 32.1  | 96.5  |



#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.077 ug/l  
 RT: 14.27 min Scan# 3887  
 Delta R.T. 0.00 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 93.2  | 72.2  | 108.2 |
| 157     | 116.5 | 94.2  | 141.2 |

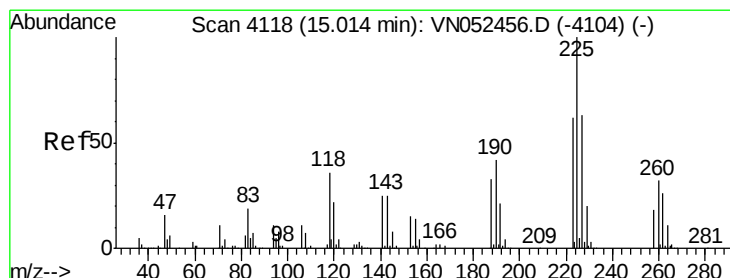
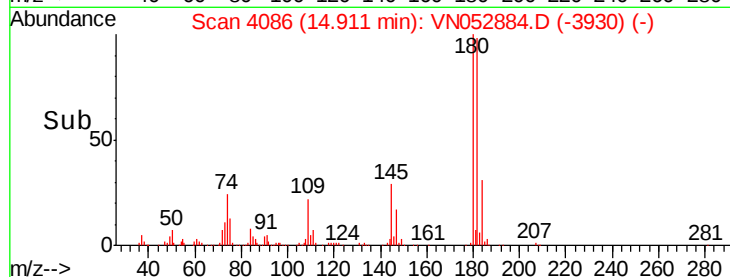
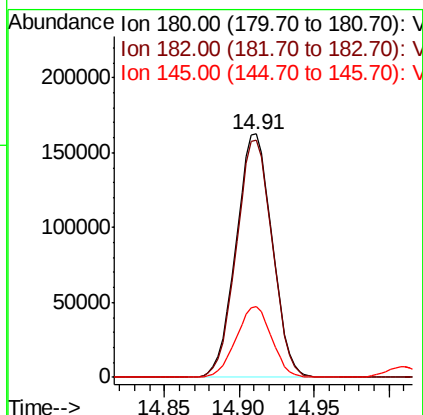
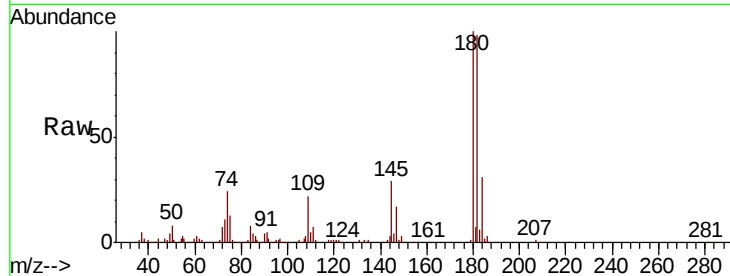




#89  
 1,2,4-Trichlorobenzene  
 Concen: 23.128 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. 0.00 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

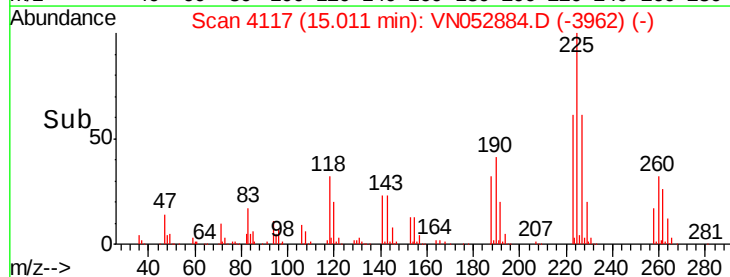
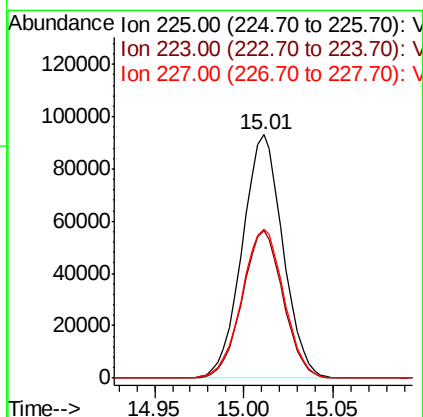
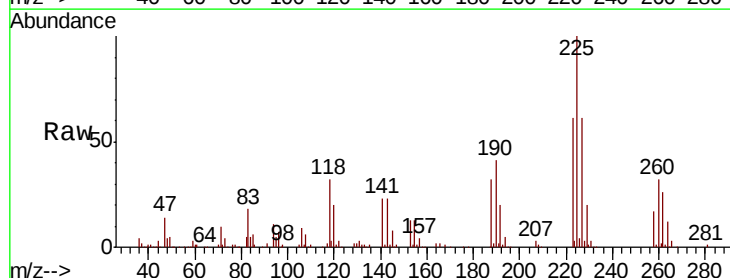
Instrument :  
 MSVOA\_N  
 ClientSampled :

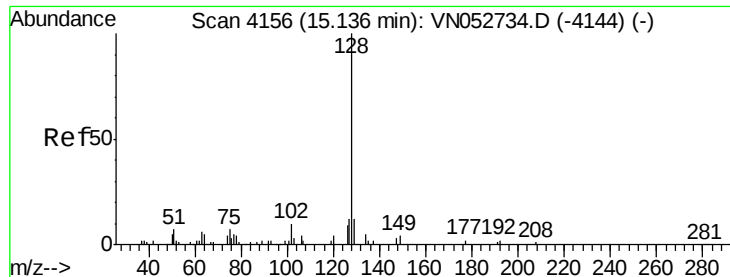
Tot Ion:180 Resp: 273168  
 Ion Ratio Lower Upper  
 180 100  
 182 96.8 76.6 114.8  
 145 28.6 23.6 35.4



#90  
 Hexachlorobutadiene  
 Concen: 19.197 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. -0.00 min  
 Lab File: VN052884.D  
 Acq: 14 Dec 2018 13:03

Tgt Ion:225 Resp: 148739  
 Ion Ratio Lower Upper  
 225 100  
 223 60.8 0.0 125.6  
 227 63.3 0.0 127.8





#91

Naphthalene

Concen: 25.580 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

Instrument :

MSVOA\_N

ClientSampleId :

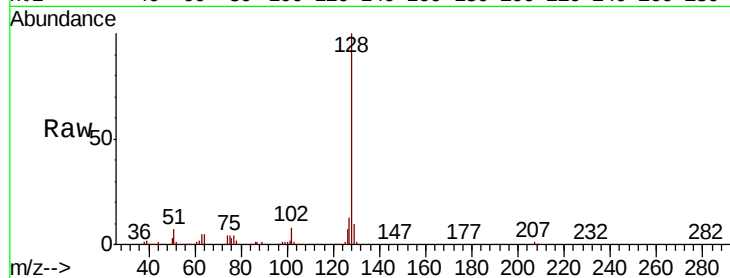
Tot Ion:128 Resp: 610145

Ion Ratio Lower Upper

128 100

127 12.7 9.9 14.9

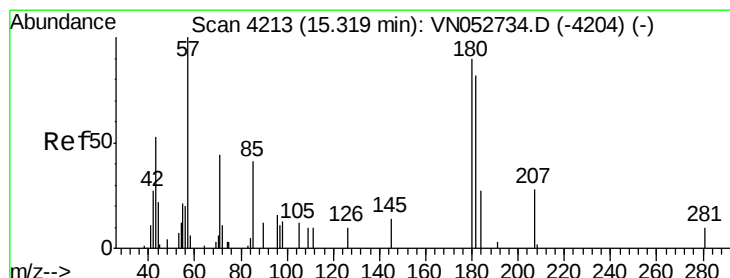
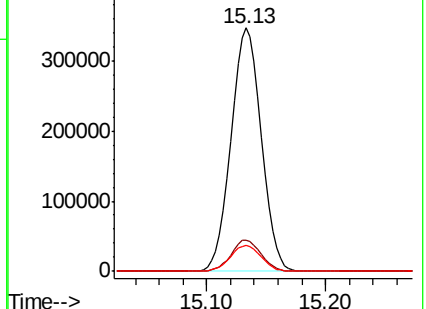
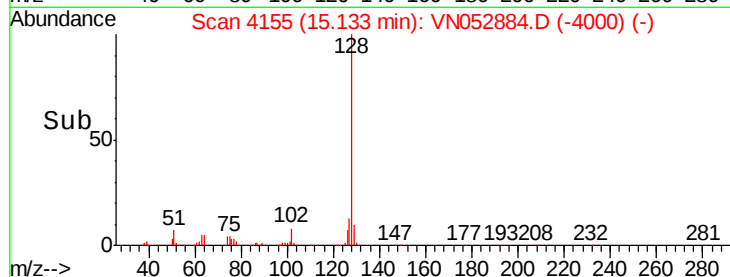
129 10.8 8.5 12.7



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



#92

1,2,3-Trichlorobenzene

Concen: 22.695 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN052884.D

Acq: 14 Dec 2018 13:03

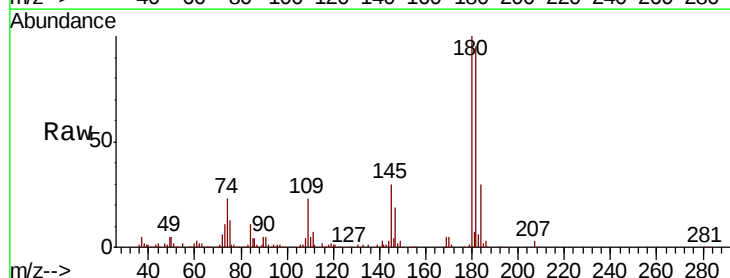
Tgt Ion:180 Resp: 247027

Ion Ratio Lower Upper

180 100

182 95.4 0.0 196.2

145 29.5 0.0 62.2



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

