

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121718\  
 Data File : VN052942.D  
 Acq On : 17 Dec 2018 22:18  
 Operator : MD\SY  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 30 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BFB

Quant Time: Dec 18 06:28:27 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N121218W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 13 01:08:35 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1074040  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1673889  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1498783  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 713066   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 565012   | 49.47 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.94%  |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 355178   | 38.01 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 76.02%  |      |
| 50) Toluene-d8            | 10.09  | 98  | 2021827  | 49.91 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.82%  |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 714509   | 52.05 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.10% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 514535  | 46.538  | ug/l | 100    |
| 3) Chloromethane              | 2.06 | 50  | 638022  | 48.081  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.19 | 62  | 633335  | 47.707  | ug/l | 100    |
| 5) Bromomethane               | 2.57 | 94  | 416623  | 50.881  | ug/l | 99     |
| 6) Chloroethane               | 2.71 | 64  | 373824  | 47.639  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.02 | 101 | 800319  | 48.625  | ug/l | 99     |
| 8) Diethyl Ether              | 3.41 | 74  | 304503  | 50.718  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.77 | 101 | 488421  | 47.882  | ug/l | 98     |
| 10) Methyl Iodide             | 3.96 | 142 | 736174  | 51.533  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.77 | 59  | 180316  | 282.581 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 3.74 | 96  | 486446  | 49.262  | ug/l | 99     |
| 13) Acrolein                  | 3.61 | 56  | 199279  | 331.700 | ug/l | 98     |
| 14) Allyl chloride            | 4.33 | 41  | 758144  | 47.006  | ug/l | 98     |
| 15) Acrylonitrile             | 4.99 | 53  | 933008  | 260.630 | ug/l | 99     |
| 16) Acetone                   | 3.81 | 43  | 596649  | 232.623 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.06 | 76  | 1412958 | 46.579  | ug/l | 99     |
| 18) Methyl Acetate            | 4.32 | 43  | 512499  | 54.445  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.04 | 73  | 1393403 | 51.978  | ug/l | 98     |
| 20) Methylene Chloride        | 4.55 | 84  | 553586  | 47.960  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 5.05 | 96  | 509687  | 47.642  | ug/l | 99     |
| 22) Diisopropyl ether         | 5.95 | 45  | 1696497 | 49.304  | ug/l | 99     |
| 23) Vinyl Acetate             | 5.90 | 43  | 4821924 | 235.509 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 977622  | 49.269  | ug/l | 99     |
| 25) 2-Butanone                | 6.83 | 43  | 975586  | 245.136 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 6.83 | 77  | 668166  | 45.726  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 592973  | 48.836  | ug/l | 100    |
| 28) Bromochloromethane        | 7.20 | 49  | 445015  | 49.945  | ug/l | 96     |
| 29) Tetrahydrofuran           | 7.21 | 42  | 696122  | 256.215 | ug/l | 99     |
| 30) Chloroform                | 7.37 | 83  | 955035  | 49.357  | ug/l | 100    |
| 31) Cyclohexane               | 7.66 | 56  | 891568  | 46.024  | ug/l | 100    |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 807321  | 49.867  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 730211  | 47.372  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.93 | 43  | 468154  | 50.557  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 7.78 | 117 | 690239  | 48.649  | ug/l | 98     |

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N121218W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 13 01:08:35 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 882766   | 46.668   | ug/l   | 99       |
| 40) Benzene                    | 8.04  | 78   | 2229637  | 48.194   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.17  | 41   | 276878   | 53.965   | ug/l   | 92       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 669317   | 48.056   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.16  | 43   | 907861   | 47.819   | ug/l   | 98       |
| 44) Trichloroethene            | 8.84  | 130  | 631215   | 50.512   | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 594297   | 49.044   | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 346263   | 49.272   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 727224   | 49.902   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 431486   | 51.824   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 106150   | 1123.205 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 2259824  | 259.583  | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 1381258  | 49.295   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 767887   | 52.363   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 876970   | 50.185   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 495988   | 49.587   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 698754   | 54.435   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 855846   | 49.896   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 1916172  | 267.528  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 1541890  | 258.441  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.90 | 129  | 552397   | 51.099   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 507656   | 51.346   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.63 | 164  | 751941   | 58.373   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 1530021  | 49.206   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 538917   | 49.834   | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.51 | 91   | 2661366  | 49.840   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 2025145  | 101.002  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 989739   | 50.551   | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 1645313  | 52.275   | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 388015   | 52.814   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 2632188  | 49.440   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 802781   | 54.923   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 538248   | 45.110   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 783913   | 74.513   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 675814   | 49.907   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 3010295  | 49.577   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 1764844  | 49.165   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 2137548  | 49.736   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 183294   | 55.970   | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 1809164  | 49.294   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 1875776  | 49.477   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 2181655  | 50.142   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 2559210  | 49.845   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 2217733  | 49.856   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 1192639  | 49.561   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 1178625  | 49.458   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.62 | 91   | 1881056  | 50.232   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 329885   | 44.288   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 1148978  | 49.636   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 93306    | 51.877   | ug/l   | 99       |

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ALS Vial : 30 Sample Multiplier: 28

Instrument :  
MSVOA\_N  
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BFB

Quant Time: Dec 18 06:28:27 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N121218W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 13 01:08:35 2018  
Response via : Initial Calibration

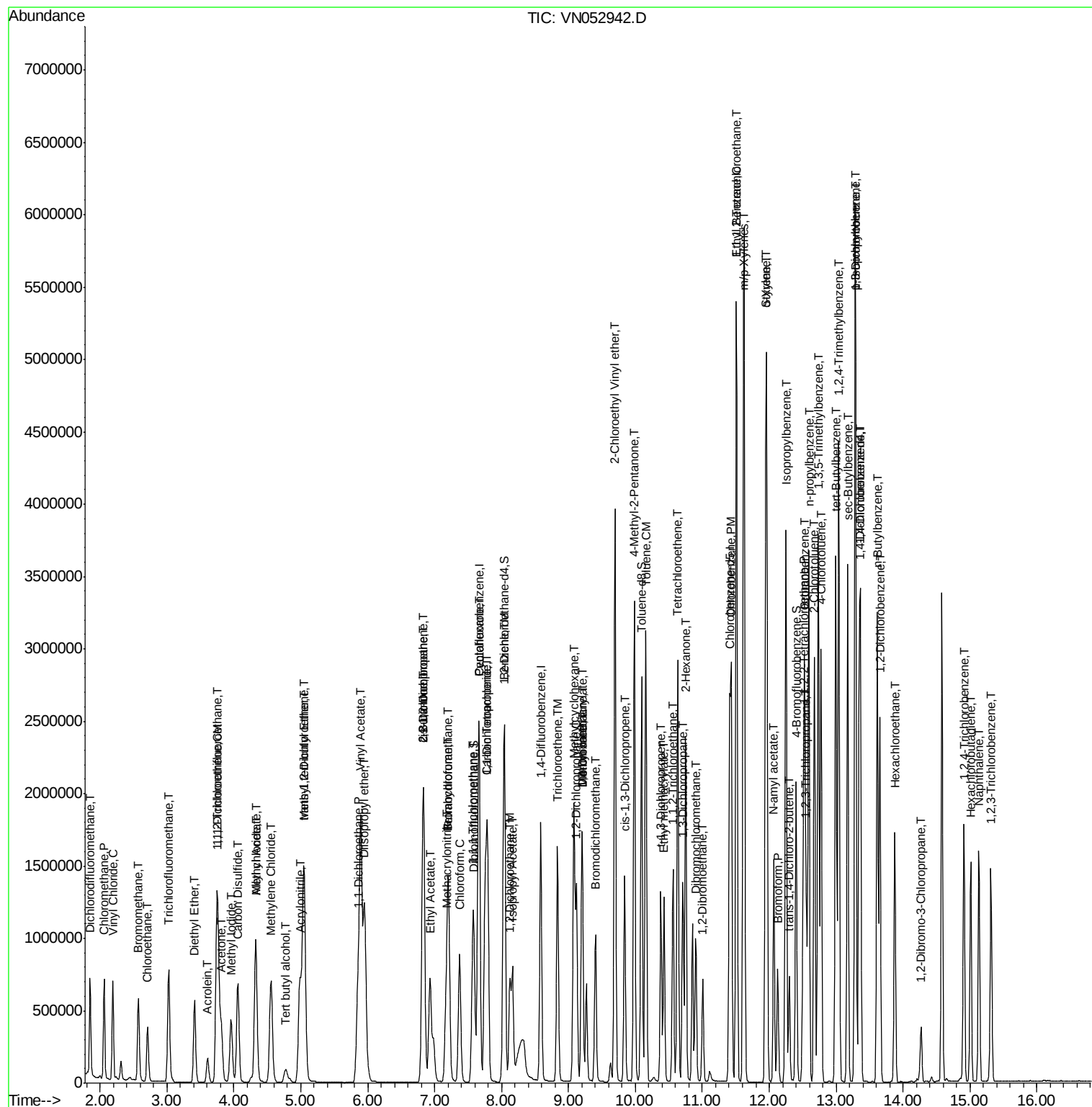
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 626128   | 49.760 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 338752   | 46.511 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 1393623  | 53.476 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180  | 559368   | 48.448 | ug/l  | 99       |

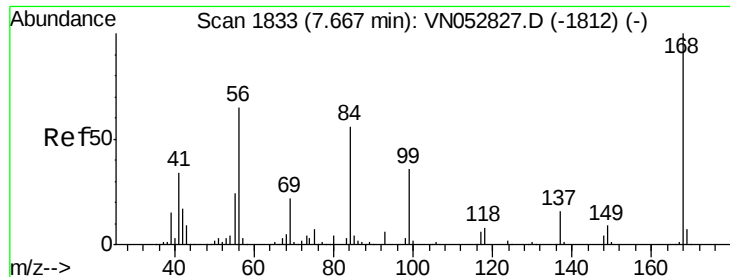
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121718\  
Data File : VN052942.D  
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampleId :

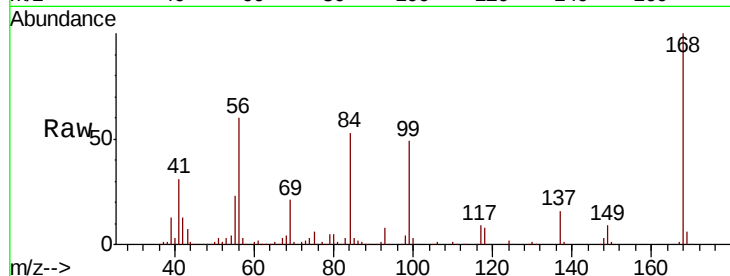
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Tot Ion:168 Resp: 1074040

Ion Ratio Lower Upper

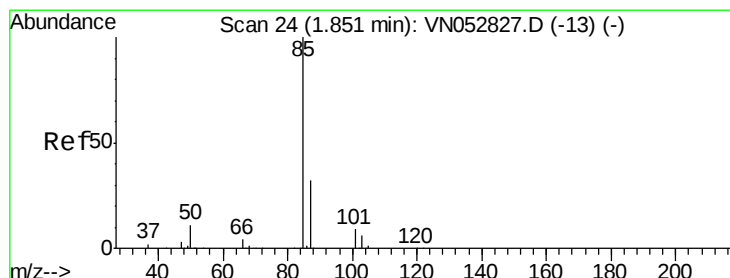
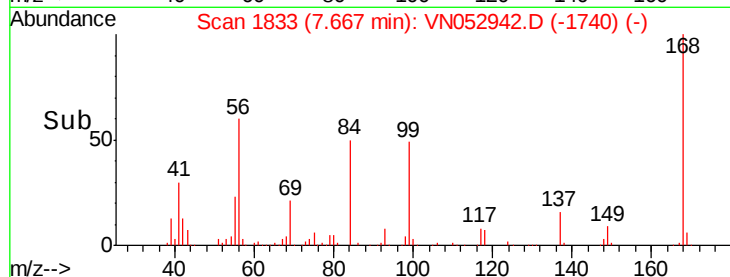
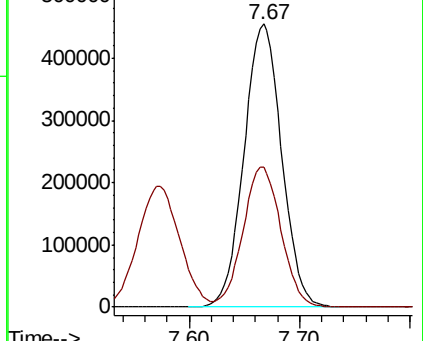
168 100

99 49.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 46.538 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052942.D

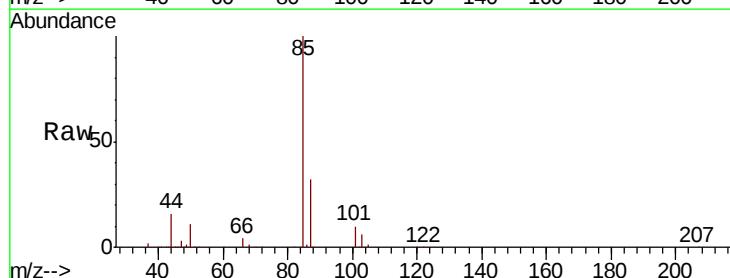
Acq: 17 Dec 2018 22:18

Tgt Ion: 85 Resp: 514535

Ion Ratio Lower Upper

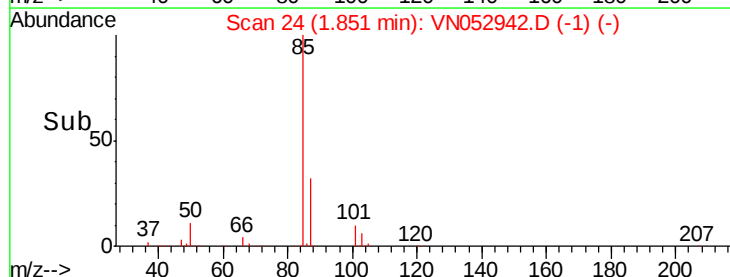
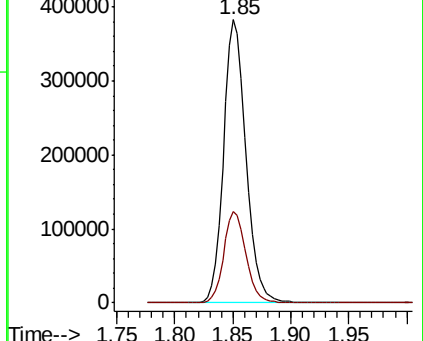
85 100

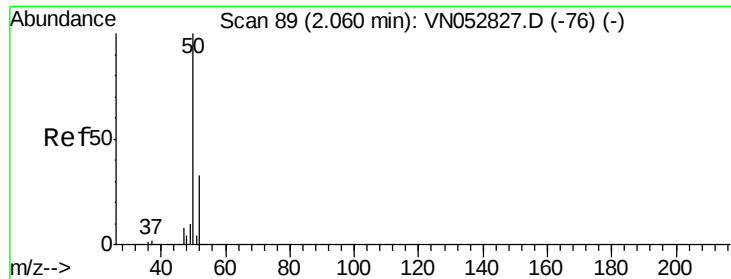
87 32.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 48.081 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampleId :

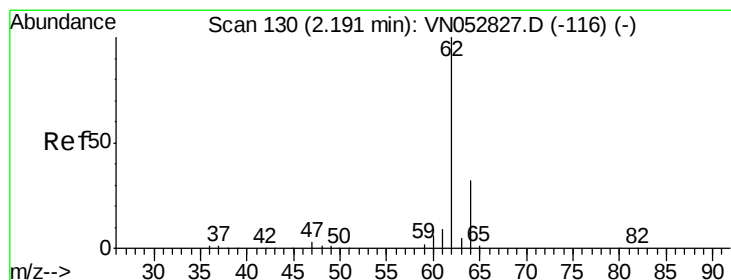
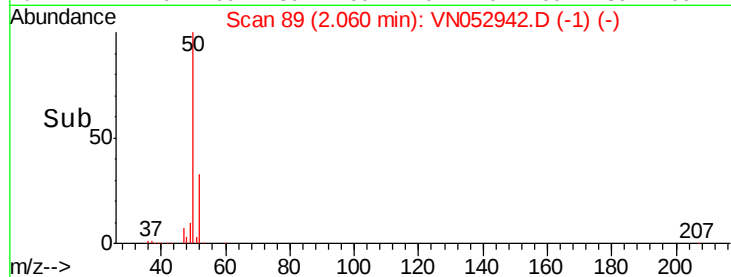
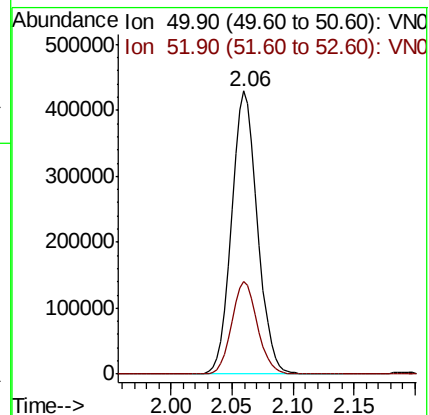
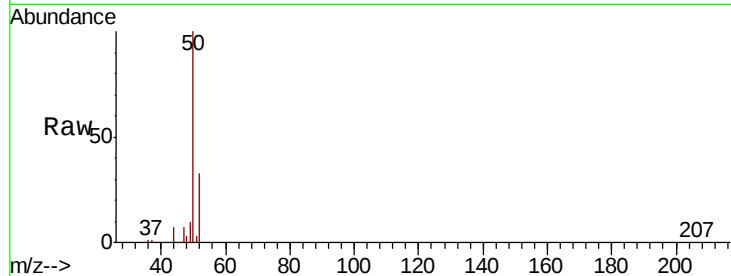
BFB

Tot Ion: 50 Resp: 638022

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.4



#4

Vinyl Chloride

Concen: 47.707 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052942.D

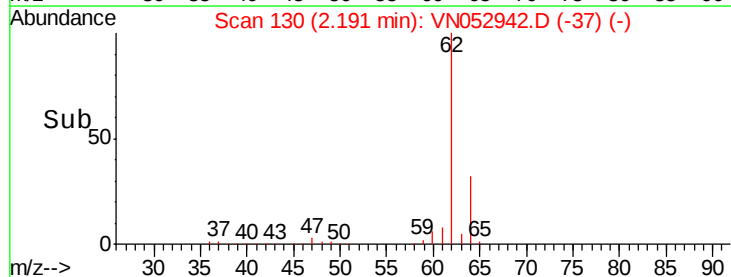
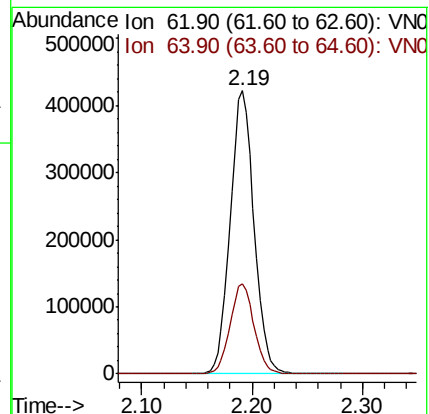
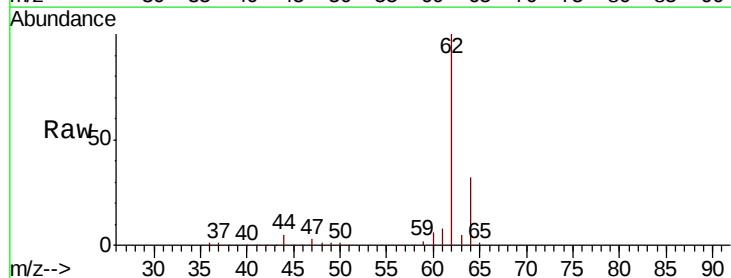
Acq: 17 Dec 2018 22:18

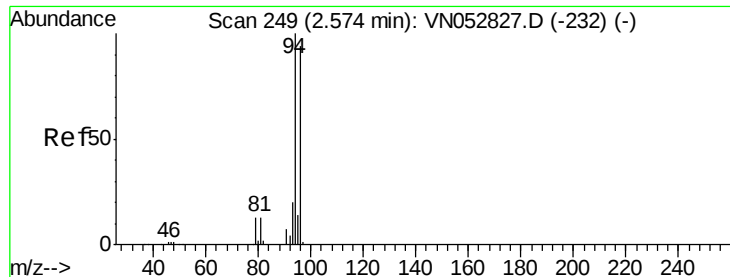
Tgt Ion: 62 Resp: 633335

Ion Ratio Lower Upper

62 100

64 32.0 25.5 38.3





#5

Bromomethane

Concen: 50.881 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampleId :

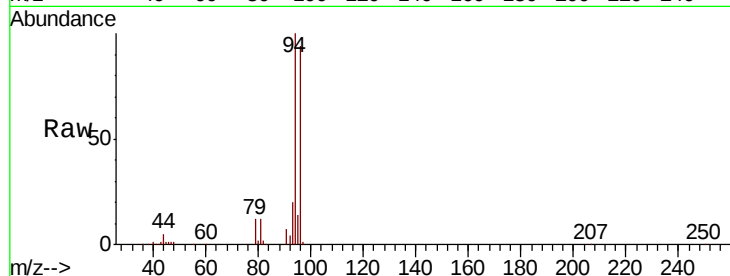
BFB

Tot Ion: 94 Resp: 416623

Ion Ratio Lower Upper

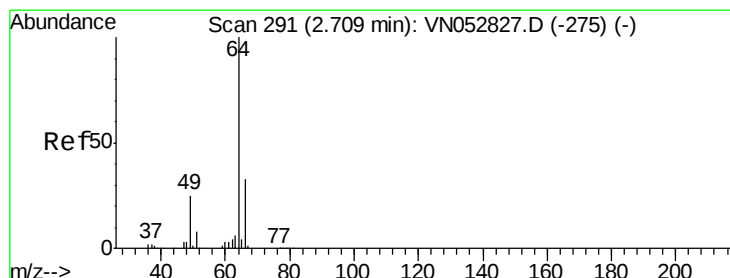
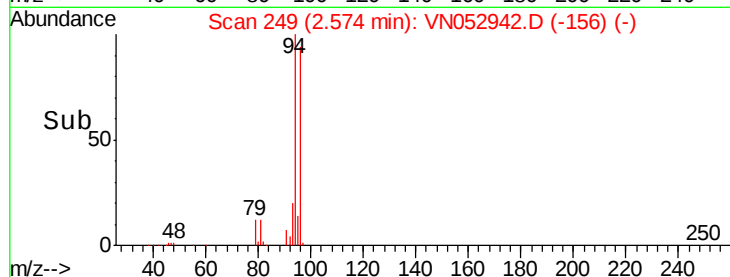
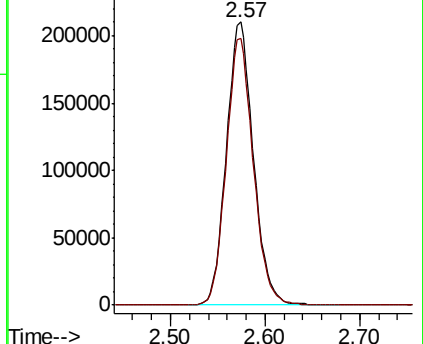
94 100

96 94.4 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN052942.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VN052942.D (-156) (-)



#6

Chloroethane

Concen: 47.639 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN052942.D

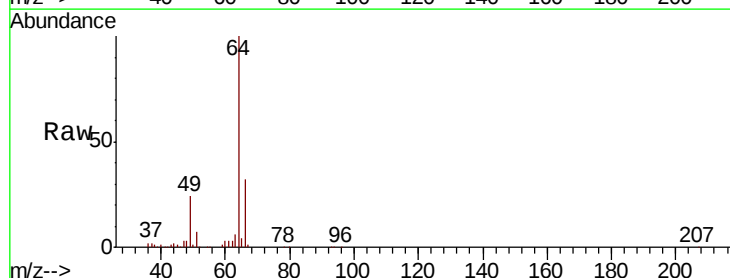
Acq: 17 Dec 2018 22:18

Tgt Ion: 64 Resp: 373824

Ion Ratio Lower Upper

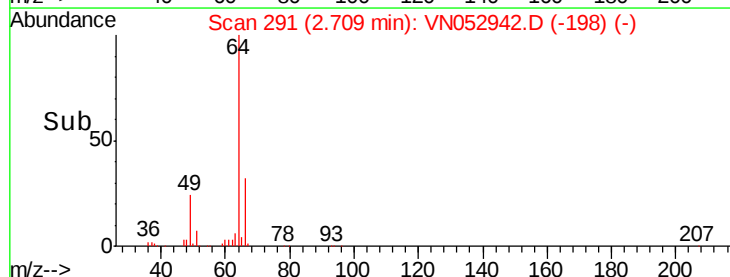
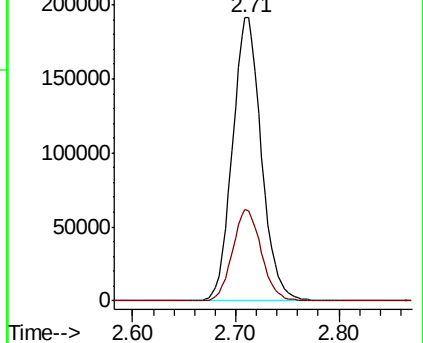
64 100

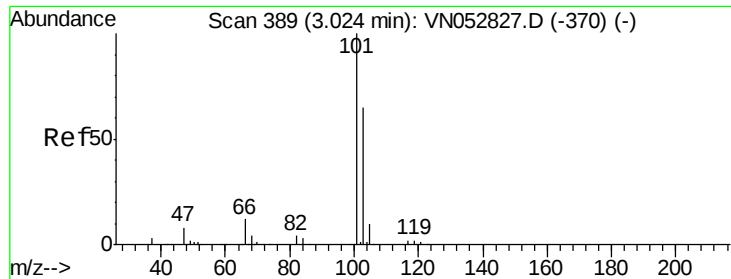
66 32.3 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN052942.D (-198) (-)

Ion 65.90 (65.60 to 66.60): VN052942.D (-198) (-)



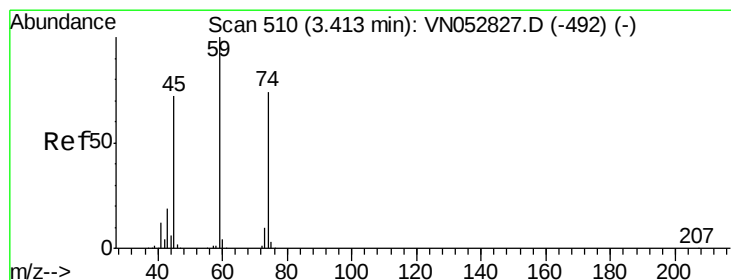
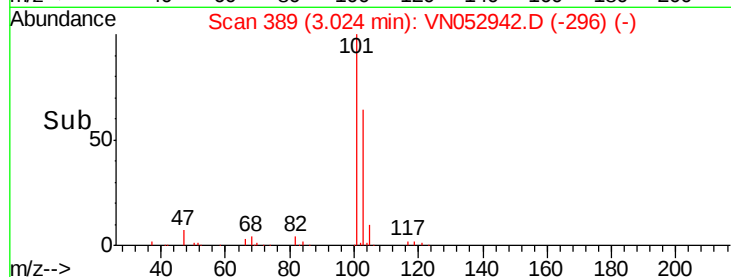
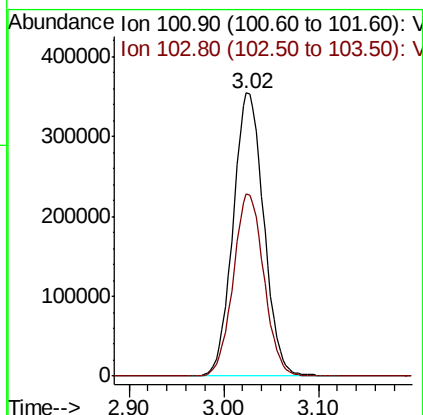
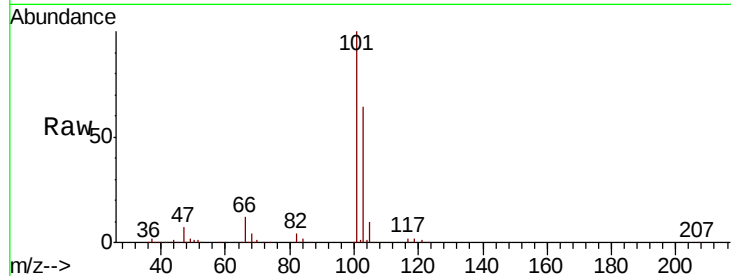


#7

Trichlorofluoromethane  
 Concen: 48.625 ug/l  
 RT: 3.02 min Scan# 389  
 Delta R.T. 0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BFB

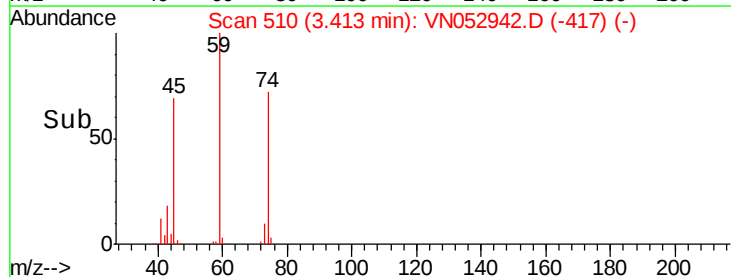
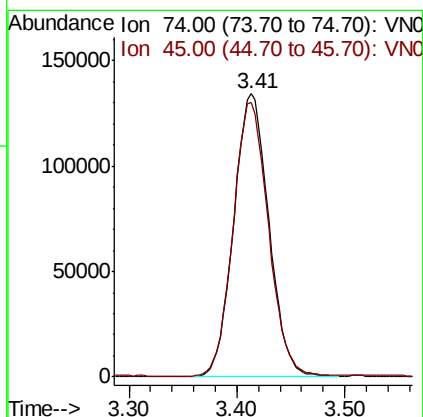
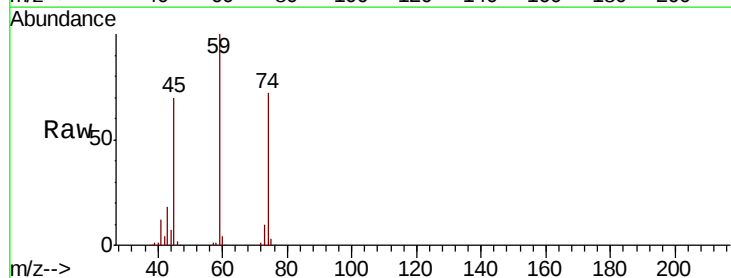
Tot Ion:101 Resp: 800319  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 51.8 77.6

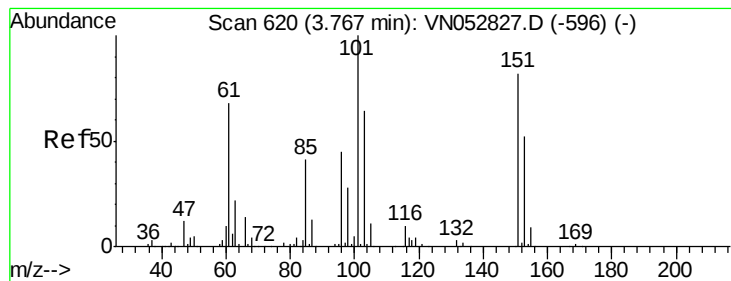


#8

Diethyl Ether  
 Concen: 50.718 ug/l  
 RT: 3.41 min Scan# 510  
 Delta R.T. 0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

Tgt Ion: 74 Resp: 304503  
 Ion Ratio Lower Upper  
 74 100  
 45 97.6 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.882 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampleId :

BFB

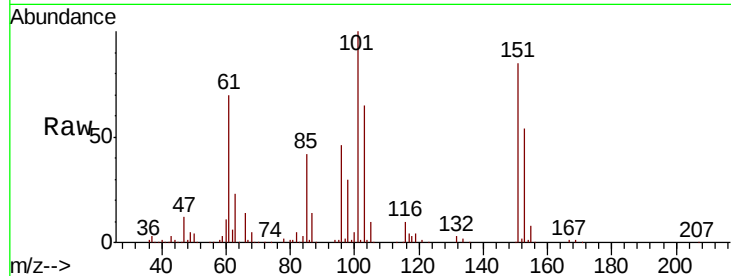
Tot Ion:101 Resp: 488421

Ion Ratio Lower Upper

101 100

85 41.9 33.6 50.4

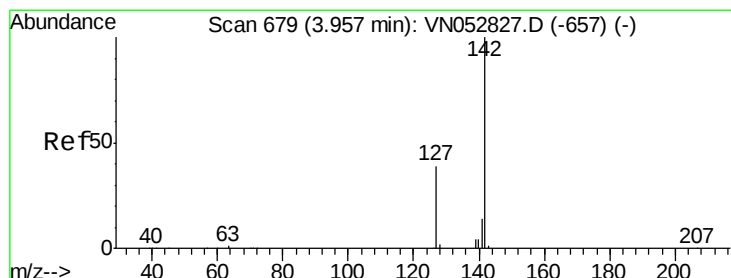
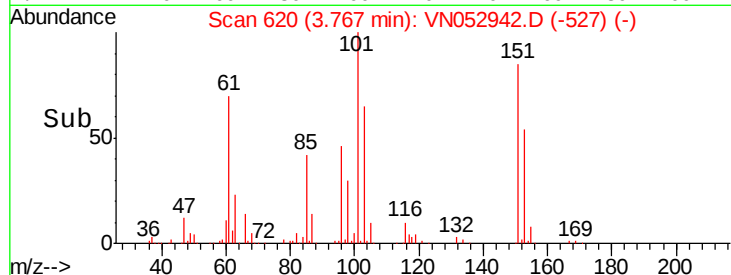
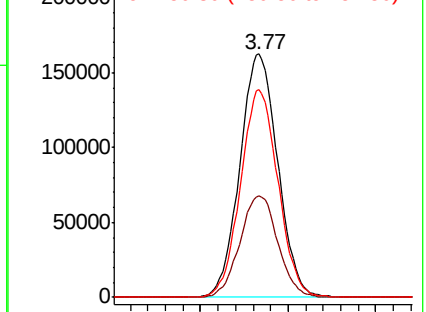
151 84.5 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.533 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

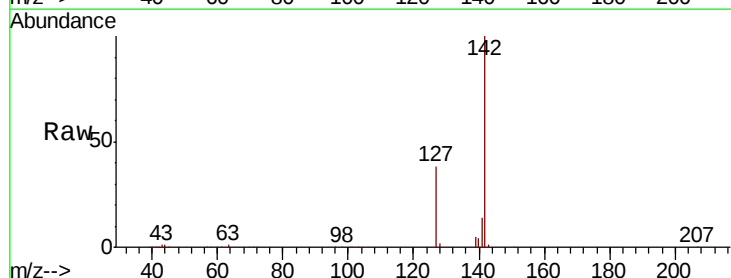
Tgt Ion:142 Resp: 736174

Ion Ratio Lower Upper

142 100

127 38.3 31.0 46.6

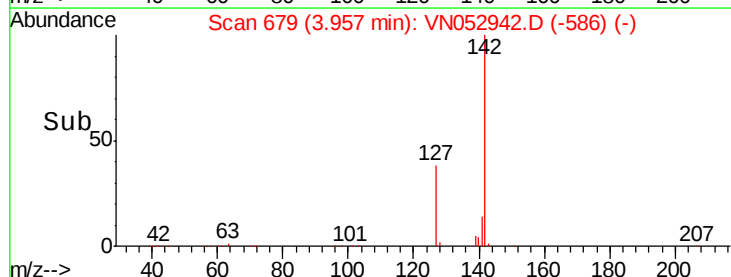
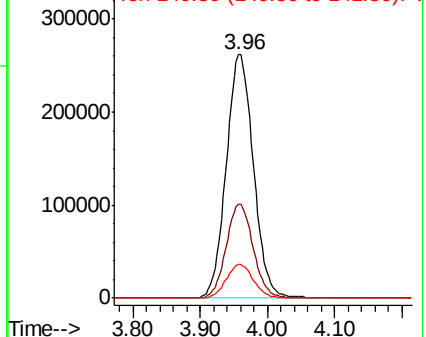
141 13.8 11.2 16.8

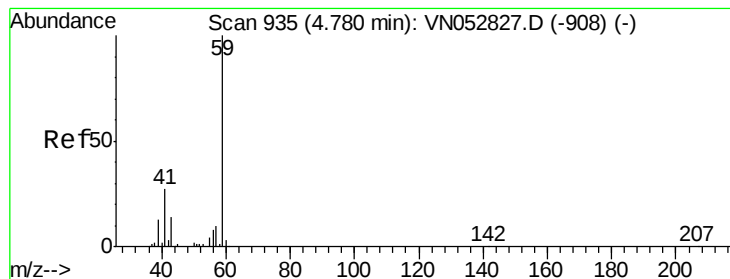


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 282.581 ug/l

RT: 4.77 min Scan# 932

Delta R.T. -0.01 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampleId :

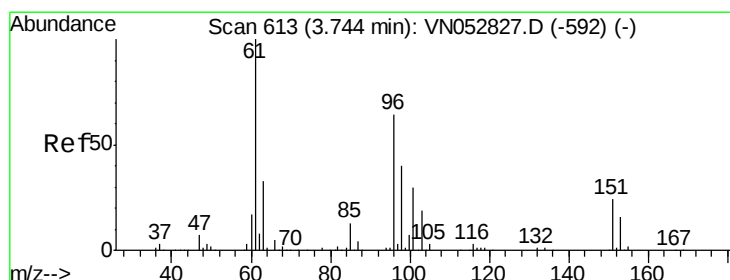
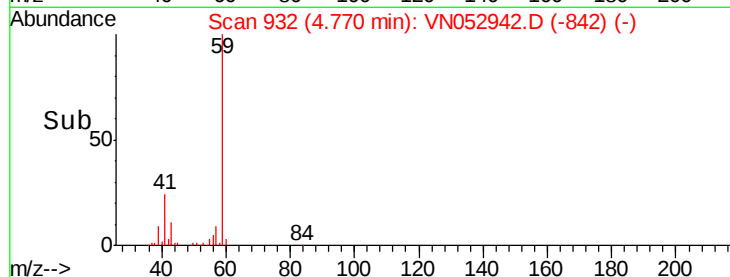
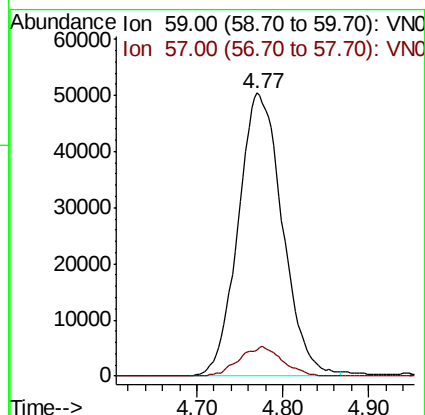
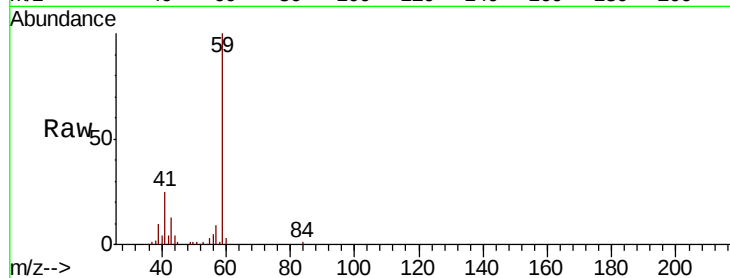
BFB

Tot Ion: 59 Resp: 180316

Ion Ratio Lower Upper

59 100

57 10.2 7.7 11.5



#12

1,1-Dichloroethene

Concen: 49.262 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

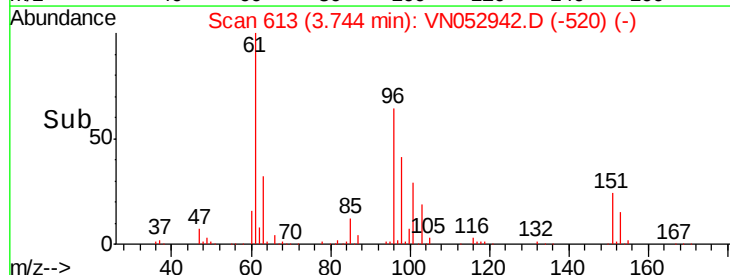
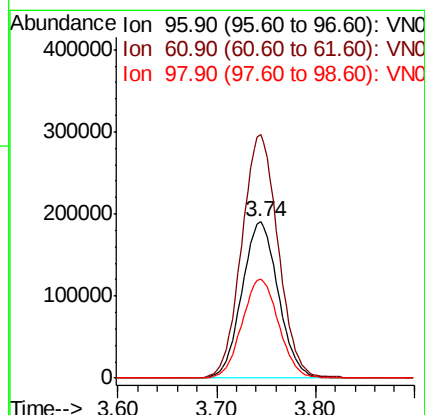
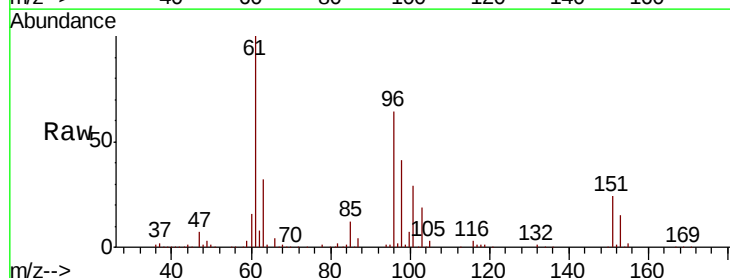
Tgt Ion: 96 Resp: 486446

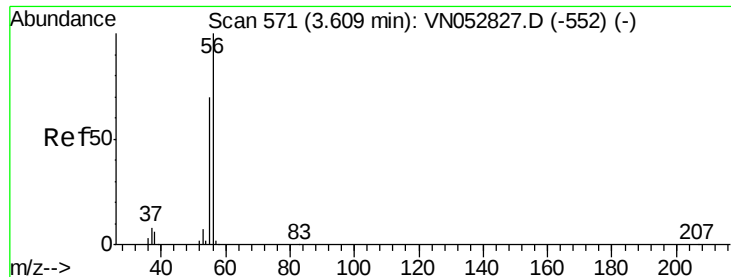
Ion Ratio Lower Upper

96 100

61 155.7 125.6 188.4

98 63.5 50.6 75.8





#13

Acrolein

Concen: 331.700 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampleId :

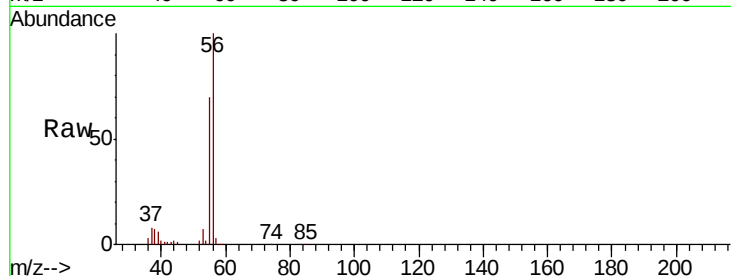
BFB

Tot Ion: 56 Resp: 199279

Ion Ratio Lower Upper

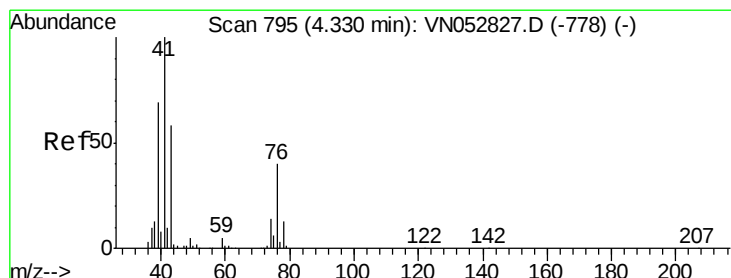
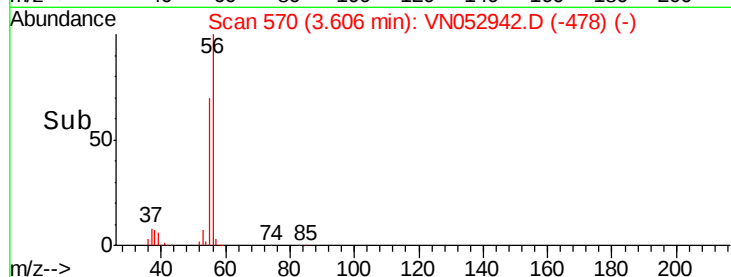
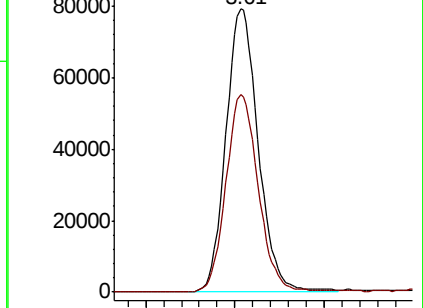
56 100

55 69.5 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VN052942.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN052942.D (-552) (-)



#14

Allyl chloride

Concen: 47.006 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

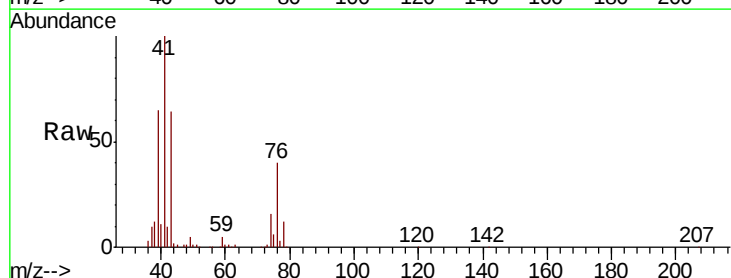
Tgt Ion: 41 Resp: 758144

Ion Ratio Lower Upper

41 100

39 66.1 54.1 81.1

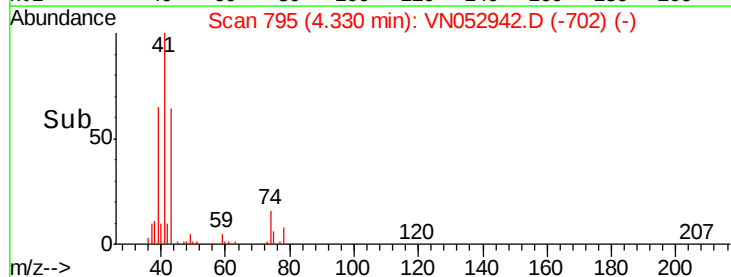
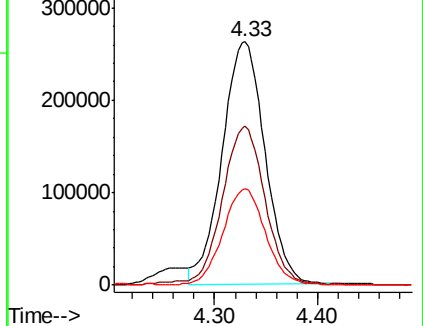
76 38.8 30.3 45.5

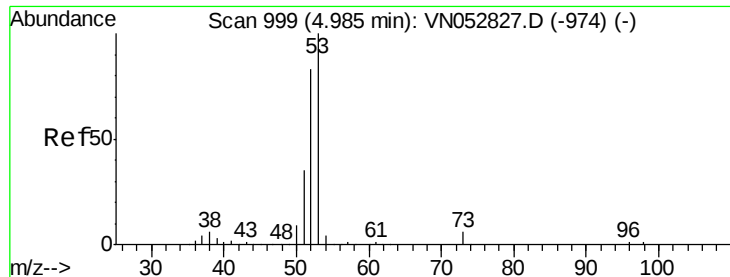


Abundance Ion 41.00 (40.70 to 41.70): VN052942.D (-778) (-)

Ion 39.00 (38.70 to 39.70): VN052942.D (-778) (-)

Ion 75.90 (75.60 to 76.60): VN052942.D (-778) (-)





#15

Acrylonitrile

Concen: 260.630 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampleId :

BFB

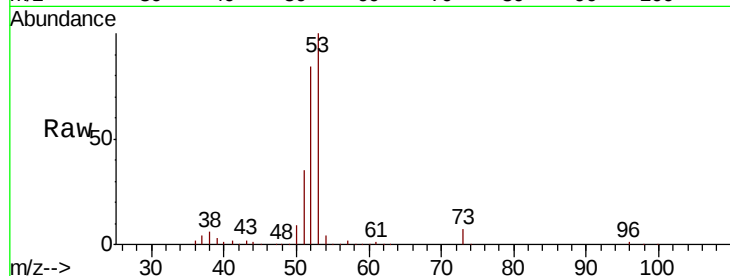
Tot Ion: 53 Resp: 933008

Ion Ratio Lower Upper

53 100

52 82.1 65.1 97.7

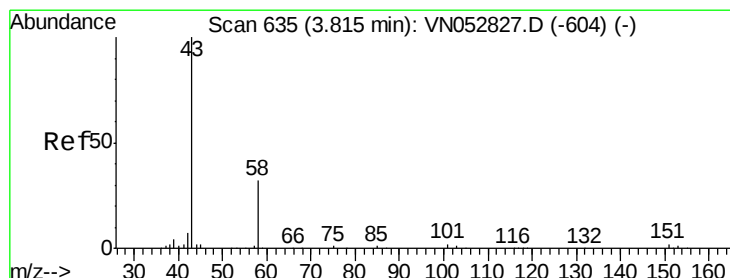
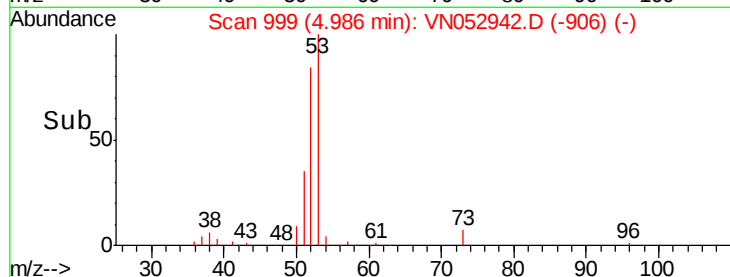
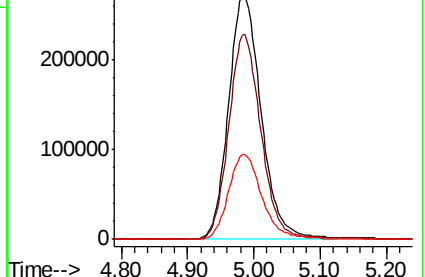
51 35.8 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN052827.D (-974) (-)

Ion 52.00 (51.70 to 52.70): VN052827.D (-974) (-)

Ion 51.00 (50.70 to 51.70): VN052827.D (-974) (-)



#16

Acetone

Concen: 232.623 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN052942.D

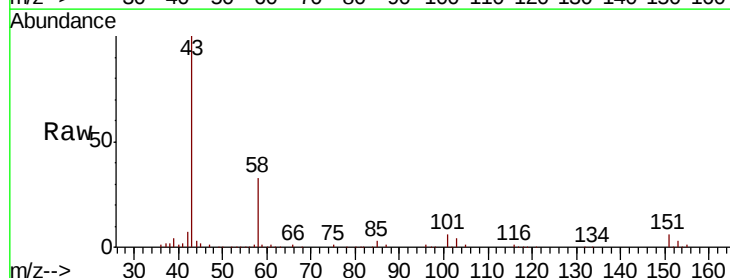
Acq: 17 Dec 2018 22:18

Tgt Ion: 43 Resp: 596649

Ion Ratio Lower Upper

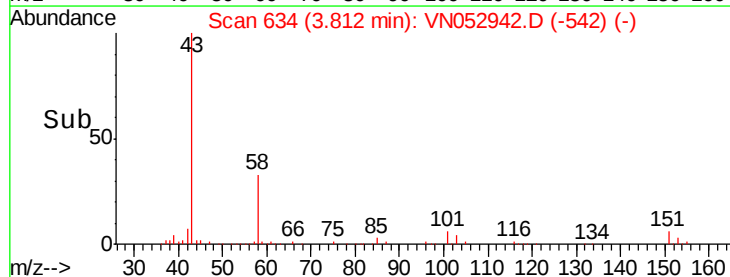
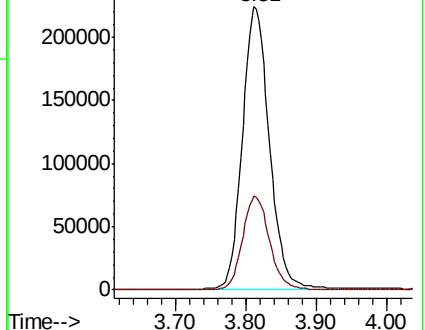
43 100

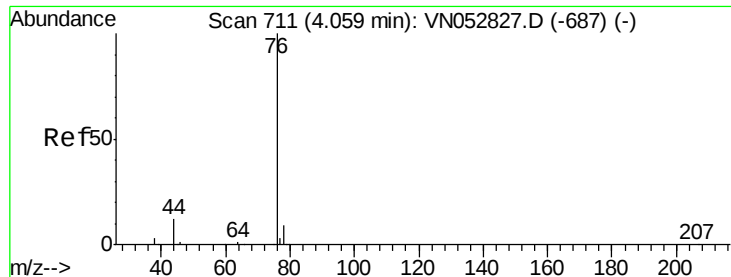
58 32.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-604) (-)





#17

Carbon Disulfide

Concen: 46.579 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampled :

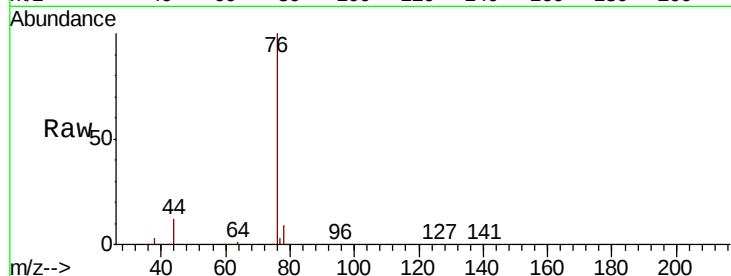
BFB

Tot Ion: 76 Resp: 1412958

Ion Ratio Lower Upper

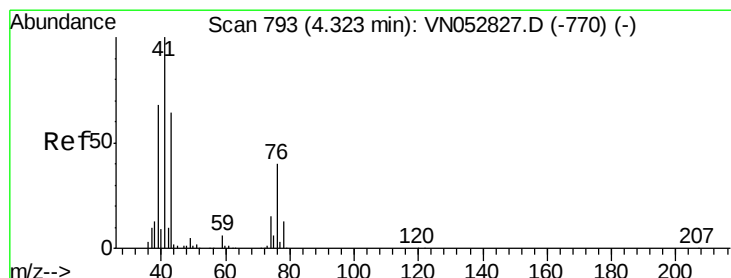
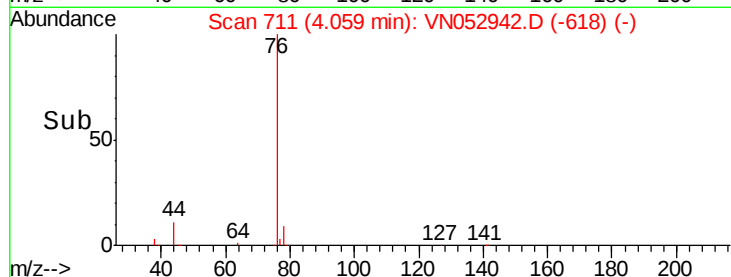
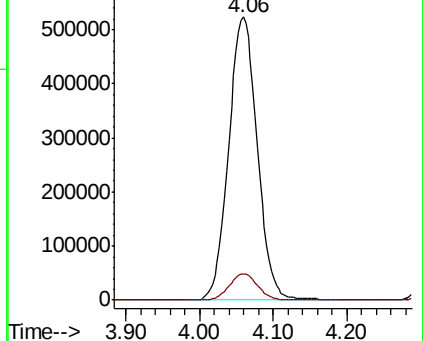
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN052827.D (-687) (-)

Ion 77.90 (77.60 to 78.60): VN052827.D (-687) (-)



#18

Methyl Acetate

Concen: 54.445 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN052942.D

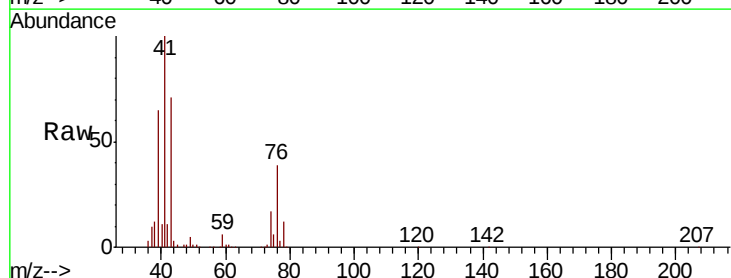
Acq: 17 Dec 2018 22:18

Tgt Ion: 43 Resp: 512499

Ion Ratio Lower Upper

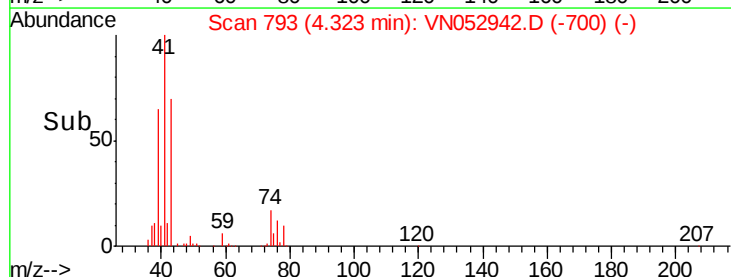
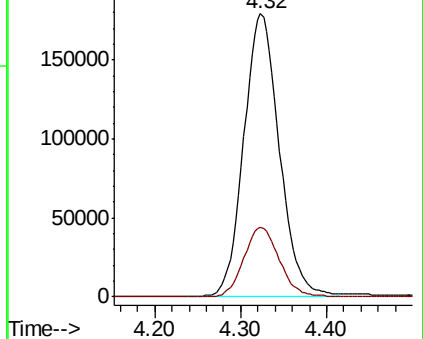
43 100

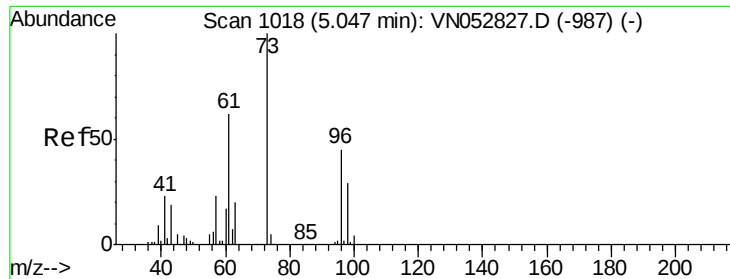
74 24.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN052827.D (-770) (-)

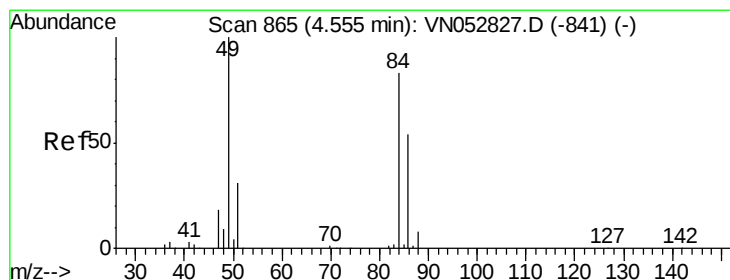
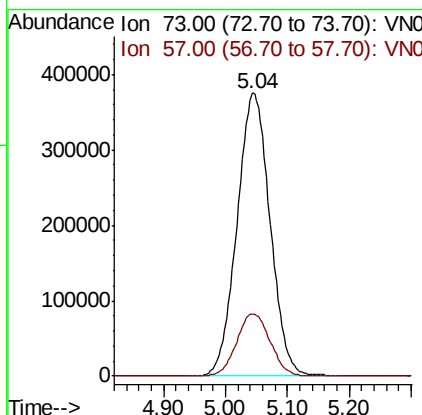
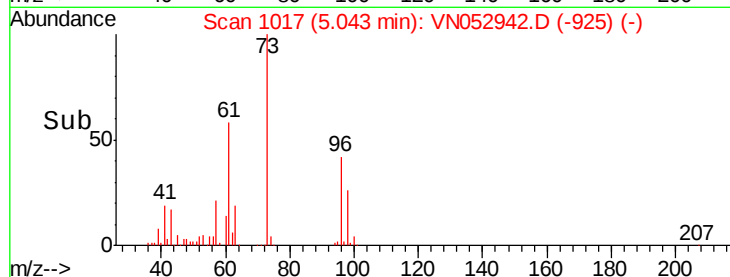
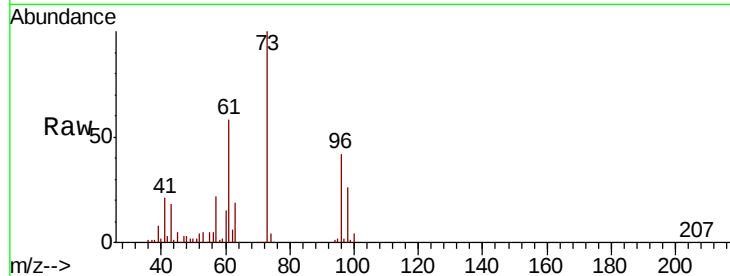




#19  
Methyl tert-butyl Ether  
Concen: 51.978 ug/l  
RT: 5.04 min Scan# 1017  
Delta R.T. -0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

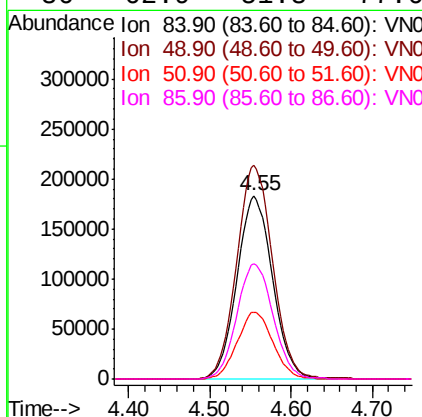
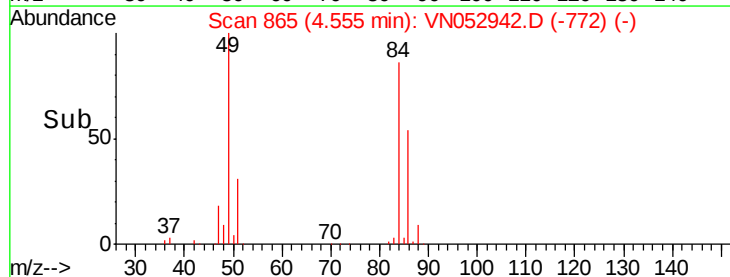
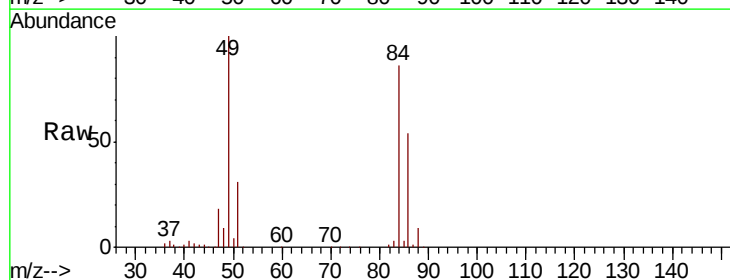
Instrument :  
MSVOA\_N  
ClientSampled :  
BFB

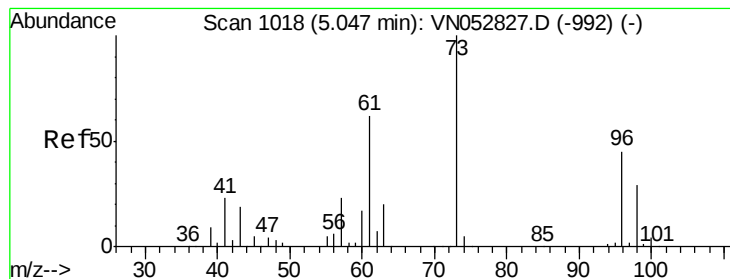
Tot Ion: 73 Resp: 1393403  
Ion Ratio Lower Upper  
73 100  
57 21.8 18.4 27.6



#20  
Methylene Chloride  
Concen: 47.960 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

Tgt Ion: 84 Resp: 553586  
Ion Ratio Lower Upper  
84 100  
49 116.7 96.8 145.2  
51 36.7 29.9 44.9  
86 62.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 47.642 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

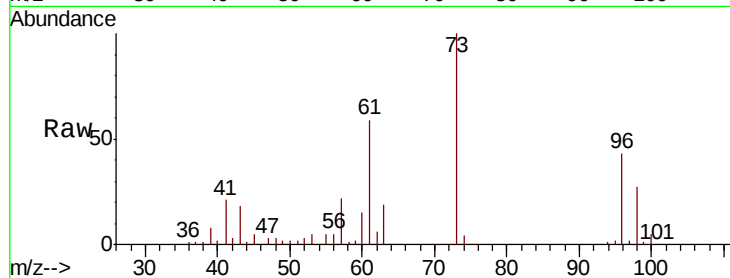
MSVOA\_N

ClientSampled :

BFB

Tot Ion: 96 Resp: 509687

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 137.2 | 110.8 | 166.2 |
| 98  | 63.0  | 51.4  | 77.2  |

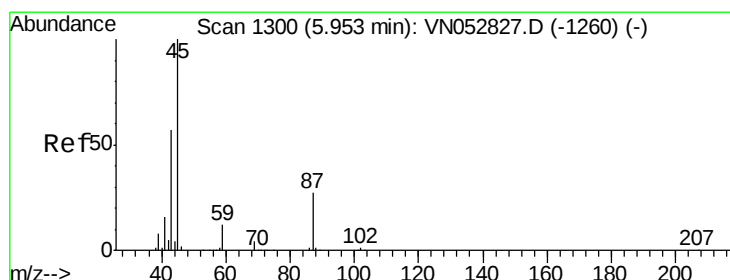
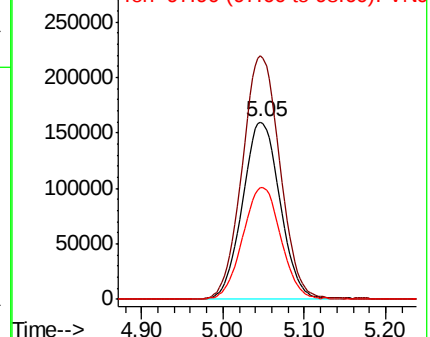
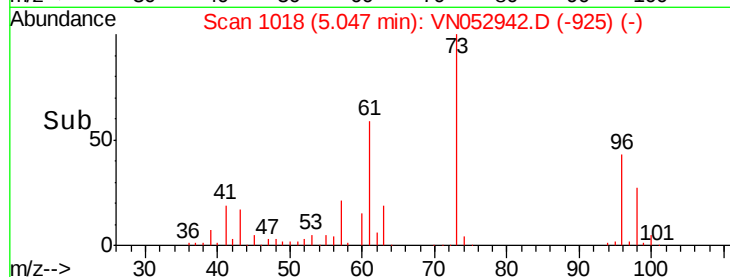


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 49.304 ug/l

RT: 5.95 min Scan# 1299

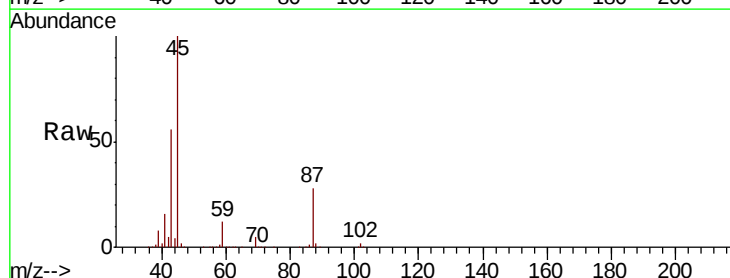
Delta R.T. -0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Tgt Ion: 45 Resp: 1696497

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 56.2  | 45.5  | 68.3  |
| 87  | 27.9  | 22.0  | 33.0  |
| 59  | 12.0  | 9.4   | 14.0  |



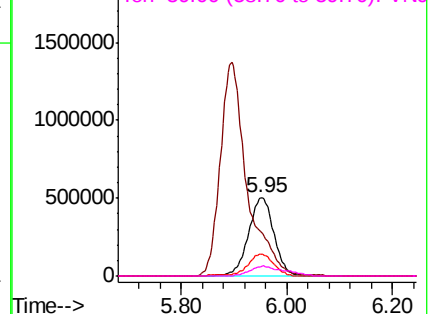
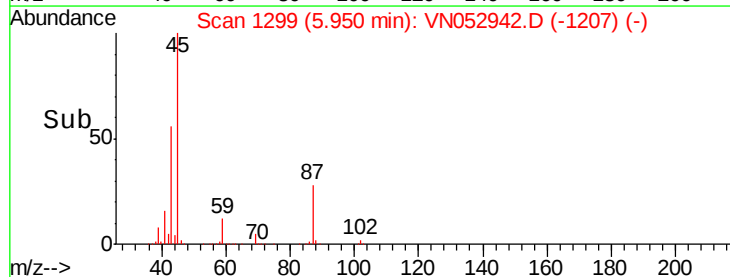
Abundance

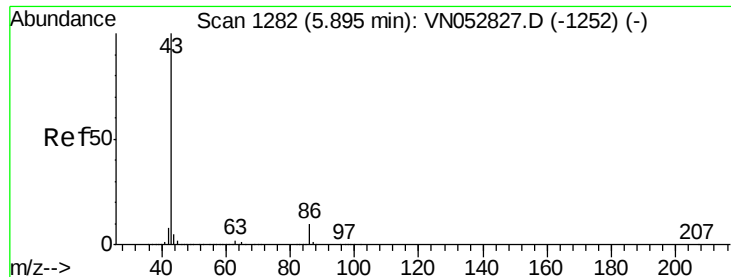
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

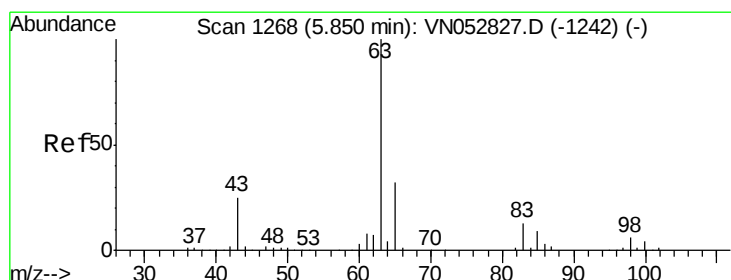
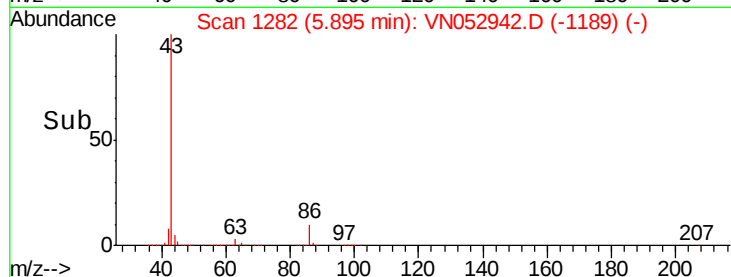
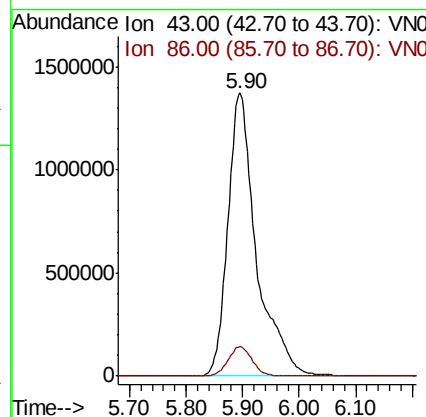
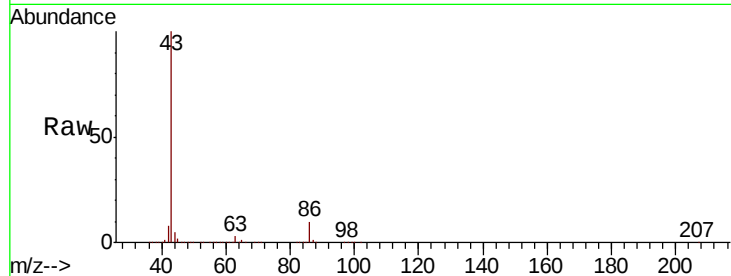




#23  
 Vinyl Acetate  
 Concen: 235.509 ug/l  
 RT: 5.90 min Scan# 1282  
 Delta R.T. 0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

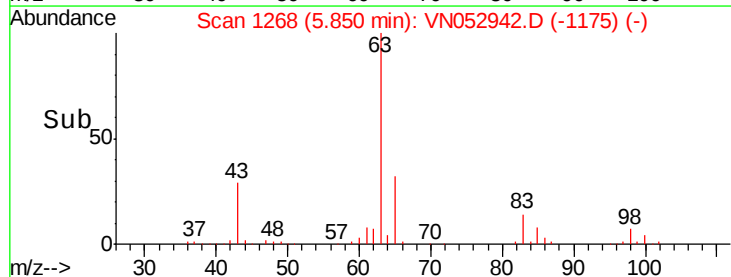
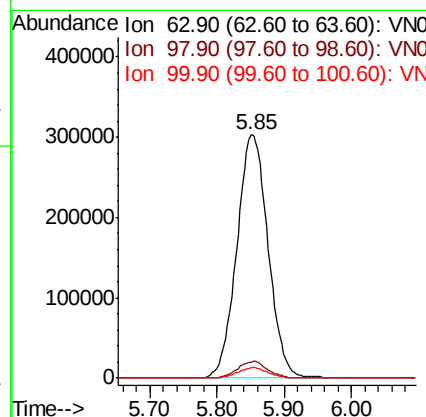
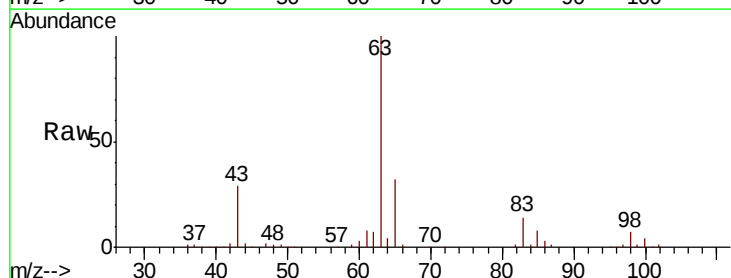
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BFB

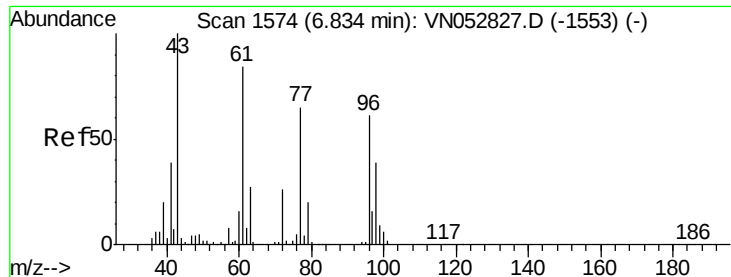
Tot Ion: 43 Resp: 4821924  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 8.1 12.1



#24  
 1,1-Dichloroethane  
 Concen: 49.269 ug/l  
 RT: 5.85 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

Tgt Ion: 63 Resp: 977622  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.1 9.4  
 100 4.2 2.0 5.8

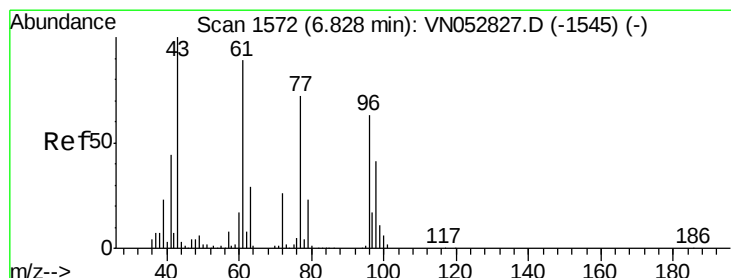
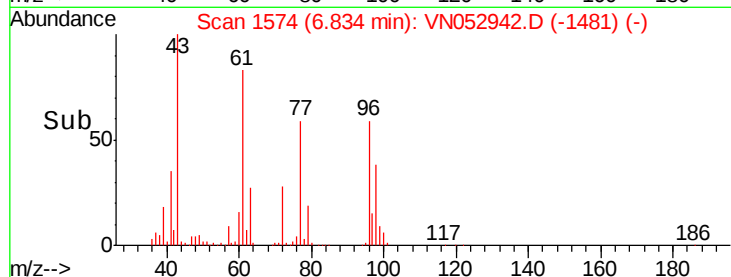
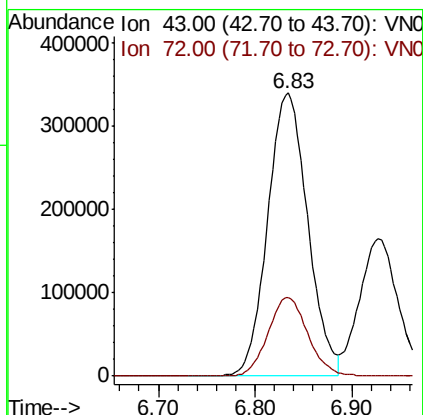
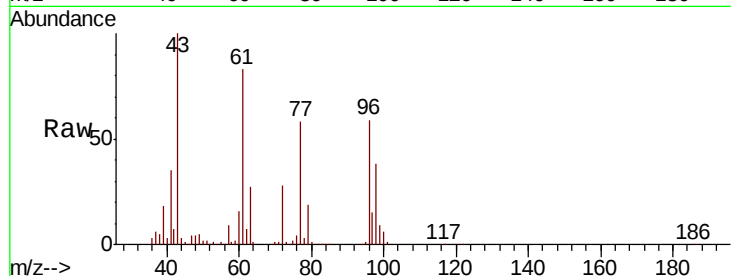




#25  
2-Butanone  
Concen: 245.136 ug/l  
RT: 6.83 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

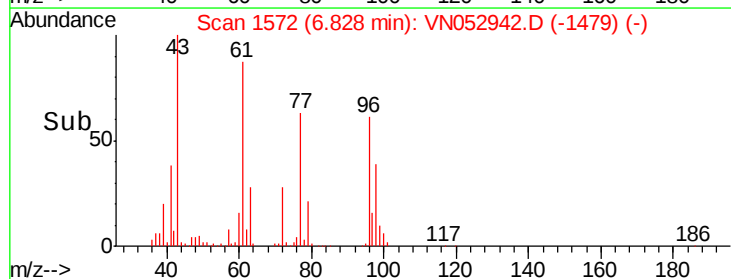
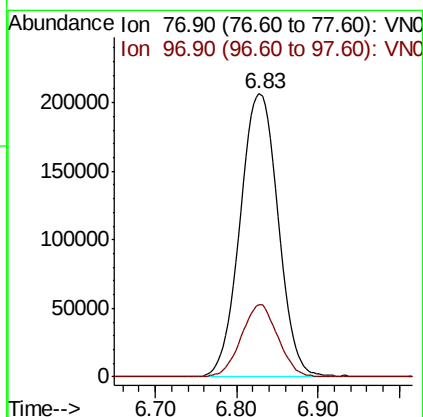
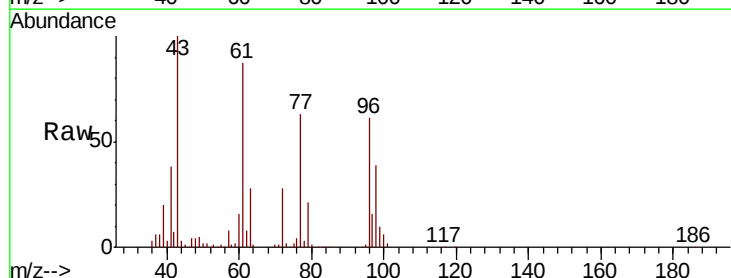
Instrument :  
MSVOA\_N  
ClientSampled :  
BFB

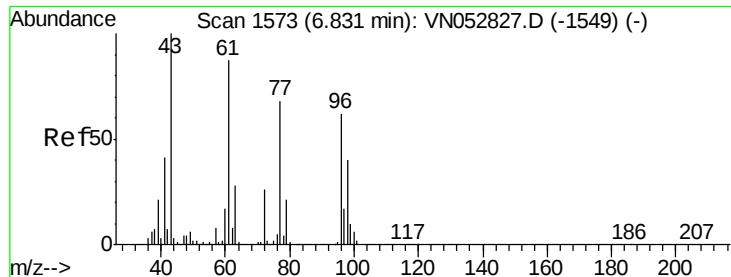
Tot Ion: 43 Resp: 975586  
Ion Ratio Lower Upper  
43 100  
72 27.9 21.0 31.6



#26  
2,2-Dichloropropane  
Concen: 45.726 ug/l  
RT: 6.83 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

Tgt Ion: 77 Resp: 668166  
Ion Ratio Lower Upper  
77 100  
97 24.6 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 48.836 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampleId :

BFB

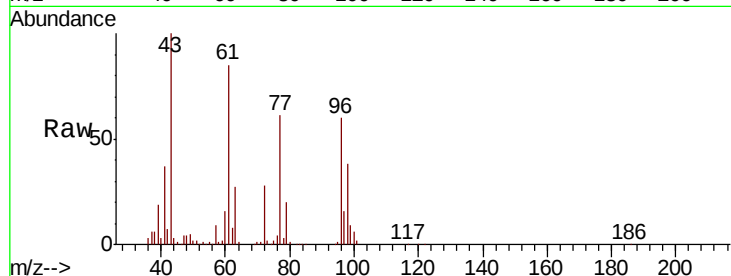
Tot Ion: 96 Resp: 592973

Ion Ratio Lower Upper

96 100

61 142.0 0.0 284.2

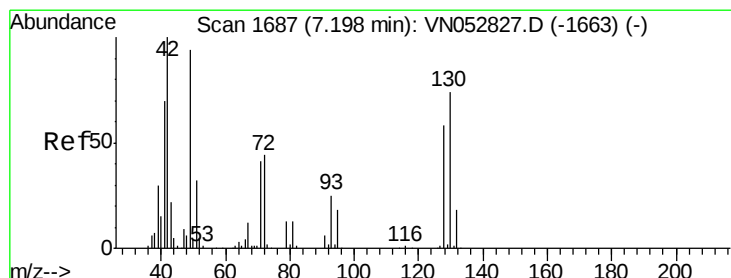
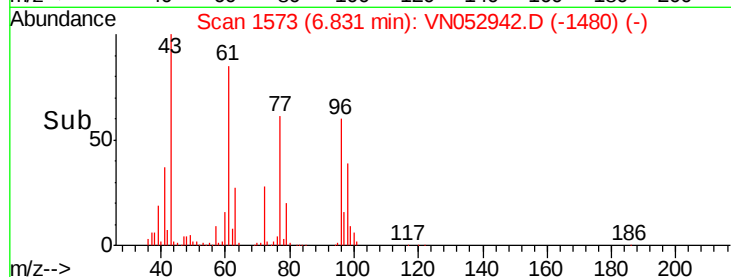
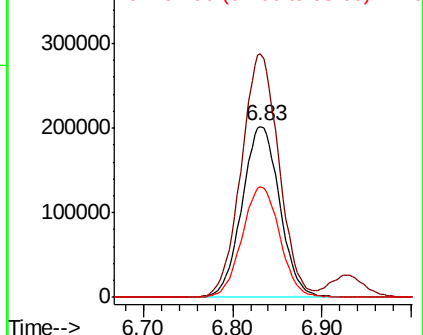
98 64.8 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN052942.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN052942.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN052942.D (-1480) (-)



#28

Bromochloromethane

Concen: 49.945 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

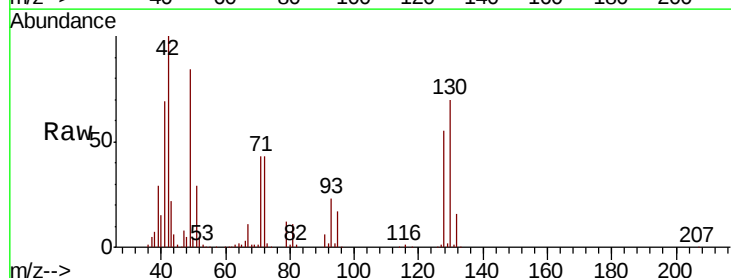
Tgt Ion: 49 Resp: 445015

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

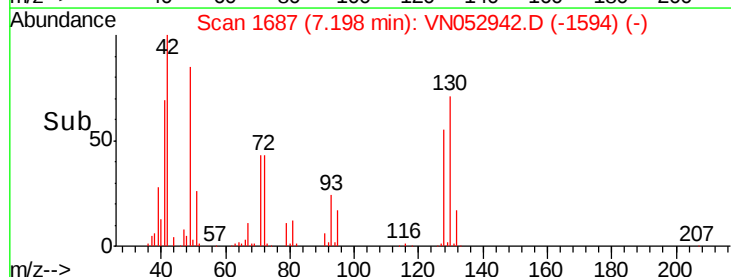
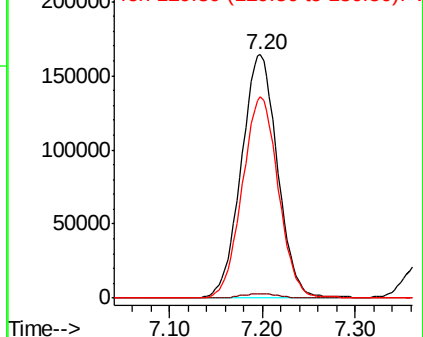
130 82.6 63.3 94.9

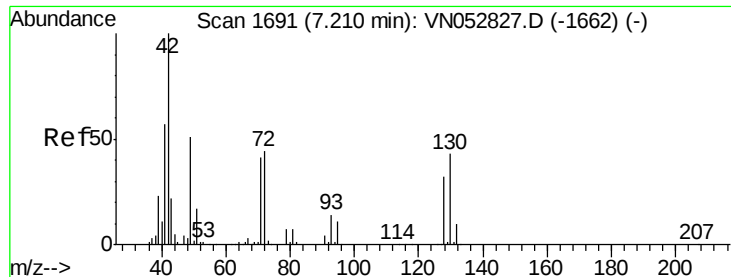


Abundance Ion 48.90 (48.60 to 49.60): VN052942.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN052942.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN052942.D (-1594) (-)

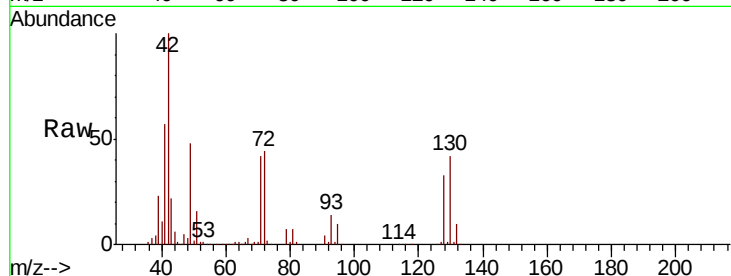




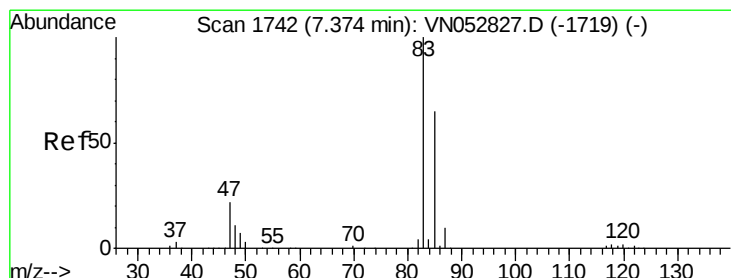
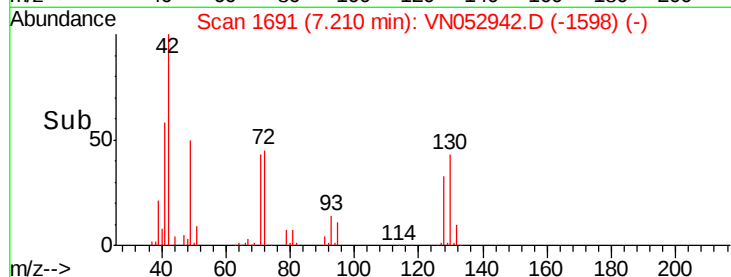
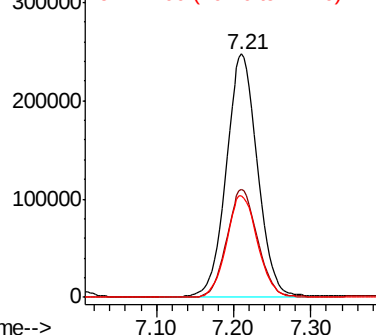
#29  
Tetrahydrofuran  
Concen: 256.215 ug/l  
RT: 7.21 min Scan# 1691  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
BFB

Tot Ion: 42 Resp: 696122  
Ion Ratio Lower Upper  
42 100  
72 43.9 34.7 52.1  
71 41.7 32.3 48.5

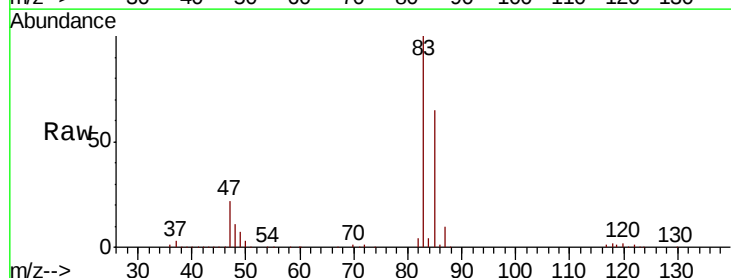


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

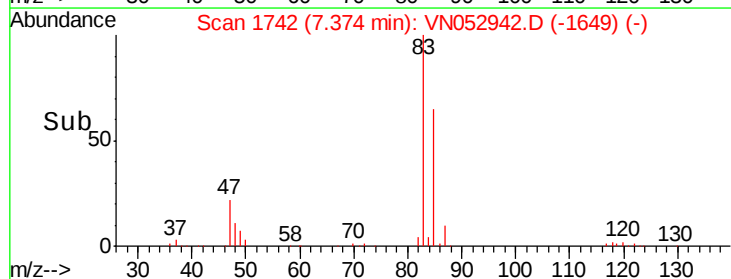
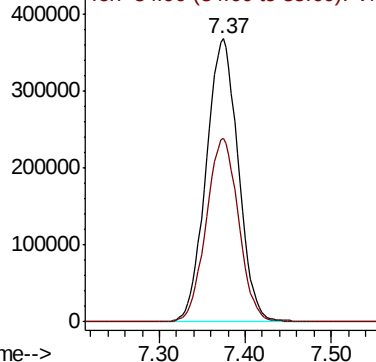


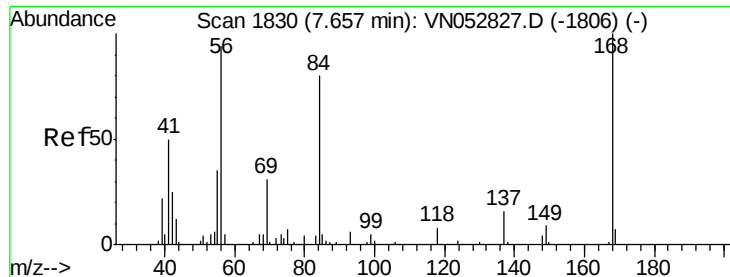
#30  
Chloroform  
Concen: 49.357 ug/l  
RT: 7.37 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

Tgt Ion: 83 Resp: 955035  
Ion Ratio Lower Upper  
83 100  
85 64.9 52.1 78.1



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





#31

Cyclohexane

Concen: 46.024 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampled :

BFB

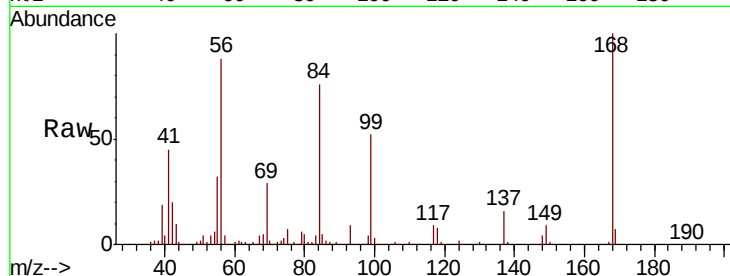
Tot Ion: 56 Resp: 891568

Ion Ratio Lower Upper

56 100

69 32.8 26.6 39.8

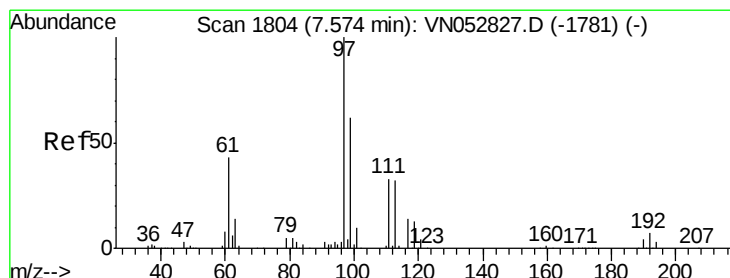
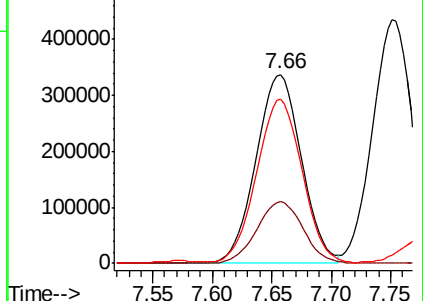
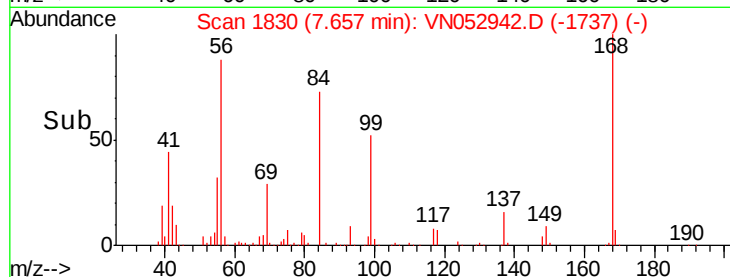
84 85.7 68.4 102.6



Abundance Ion 56.00 (55.70 to 56.70): VN052942.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN052942.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN052942.D (-1737) (-)



#32

1,1,1-Trichloroethane

Concen: 49.867 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

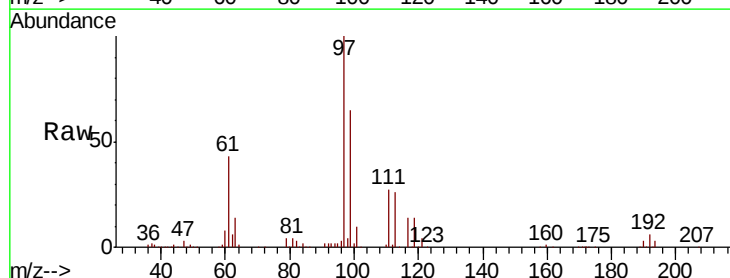
Tgt Ion: 97 Resp: 807321

Ion Ratio Lower Upper

97 100

99 64.2 51.1 76.7

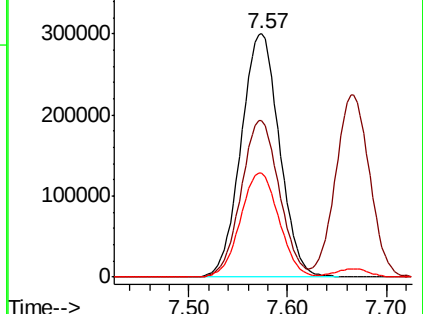
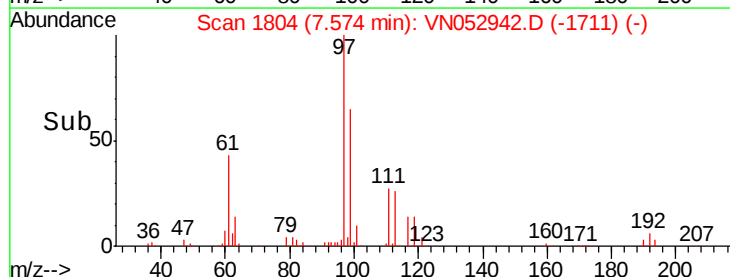
61 43.2 35.0 52.6

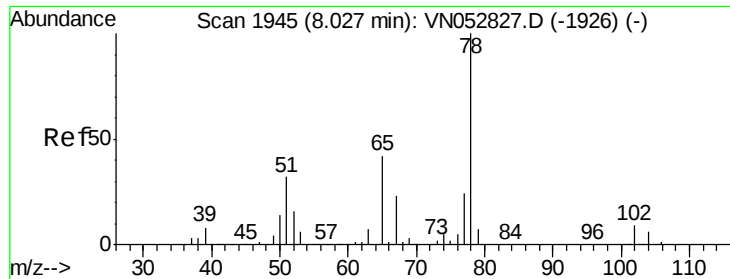


Abundance Ion 96.90 (96.60 to 97.60): VN052942.D (-1711) (-)

Ion 98.90 (98.60 to 99.60): VN052942.D (-1711) (-)

Ion 60.90 (60.60 to 61.60): VN052942.D (-1711) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.867 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampled :

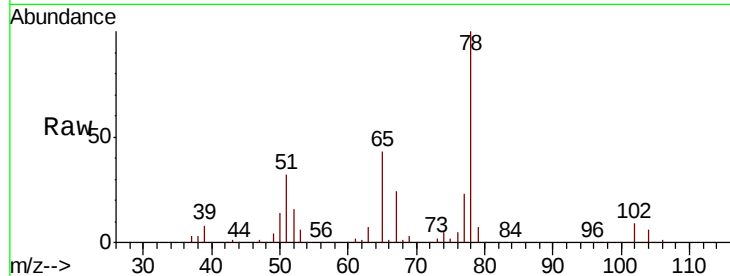
BFB

Tot Ion: 65 Resp: 565012

Ion Ratio Lower Upper

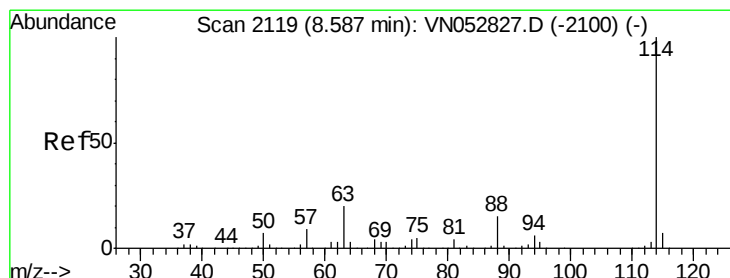
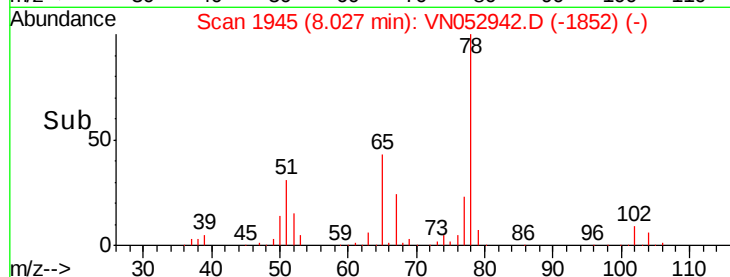
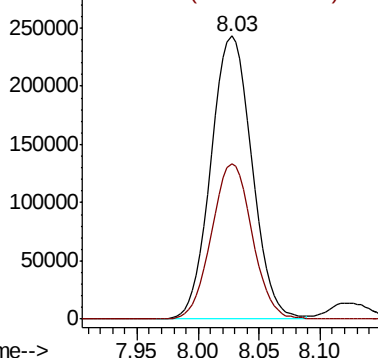
65 100

67 54.7 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN052827.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052827.D (-1926) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

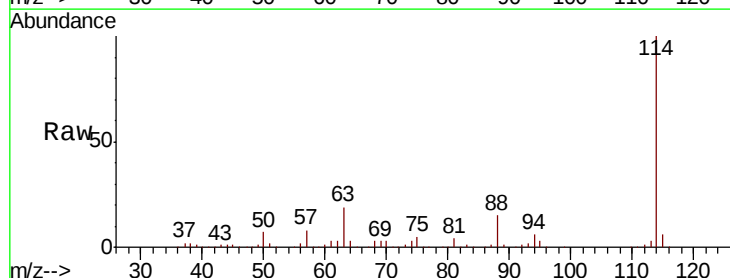
Tgt Ion: 114 Resp: 1673889

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

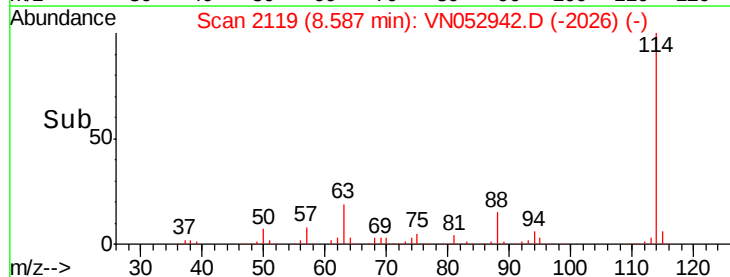
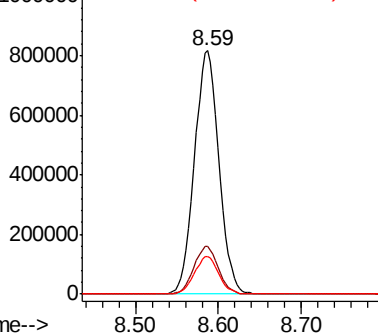
88 15.4 0.0 31.0

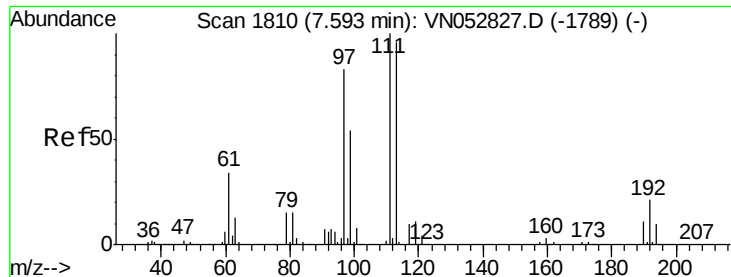


Abundance Ion 113.90 (113.60 to 114.60): VN052827.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN052827.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN052827.D (-2100) (-)

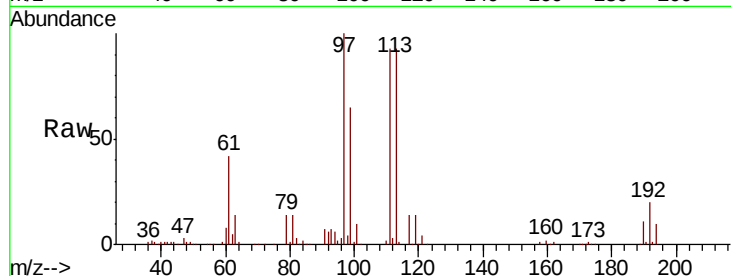




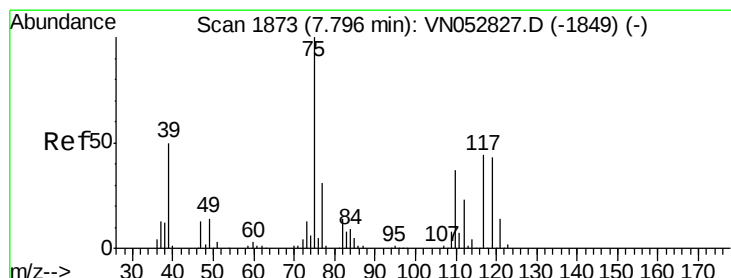
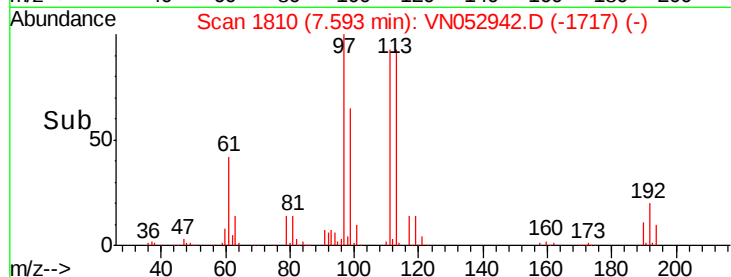
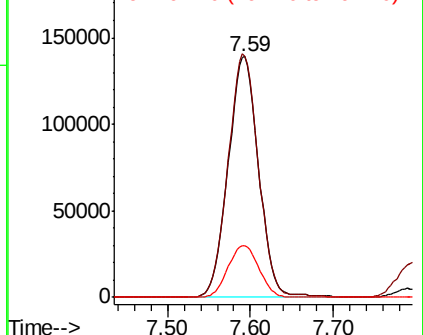
#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BFB

Tot Ion:113 Resp: 355178  
 Ion Ratio Lower Upper  
 113 100  
 111 100.9 83.0 124.4  
 192 21.8 17.5 26.3

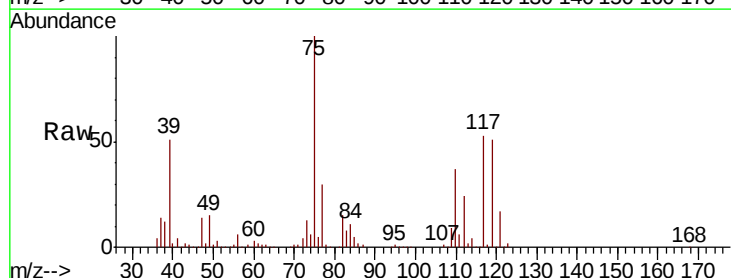


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

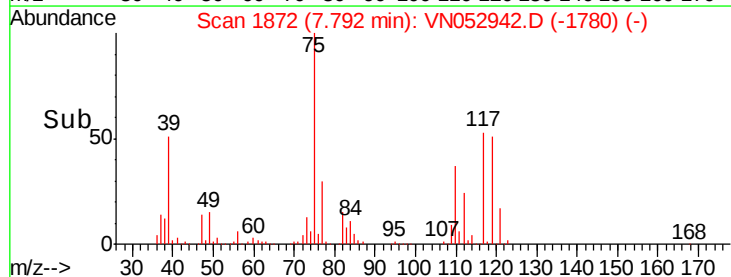
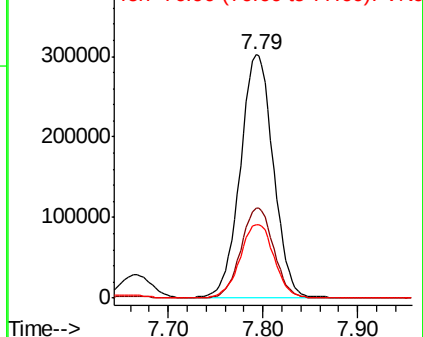


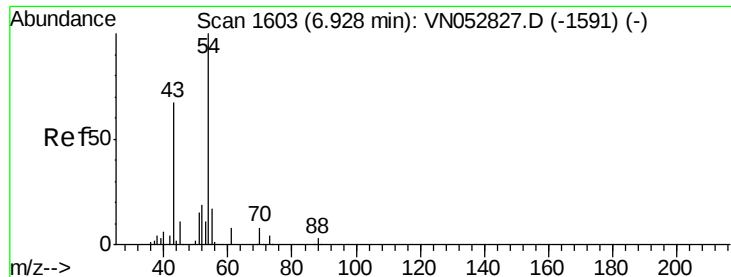
#36  
 1,1-Dichloropropene  
 Concen: 47.372 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. -0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

Tgt Ion: 75 Resp: 730211  
 Ion Ratio Lower Upper  
 75 100  
 110 36.8 18.2 54.6  
 77 31.5 24.9 37.3



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

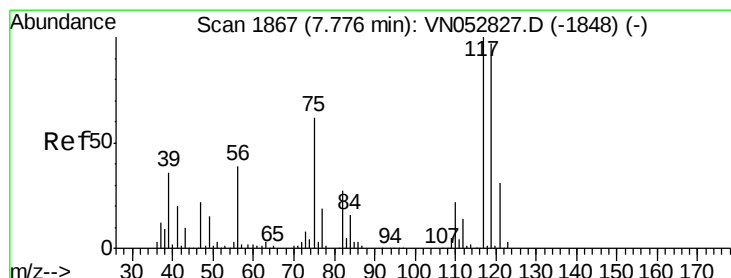
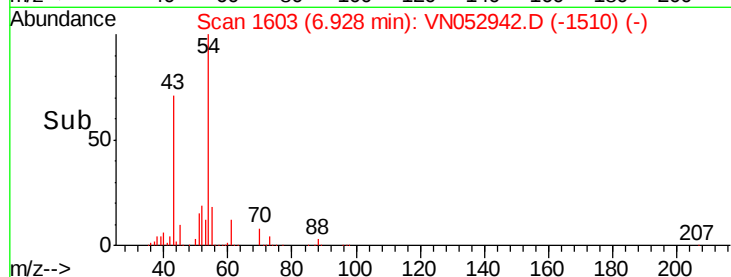
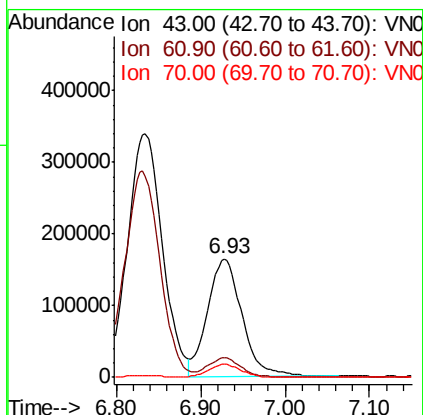
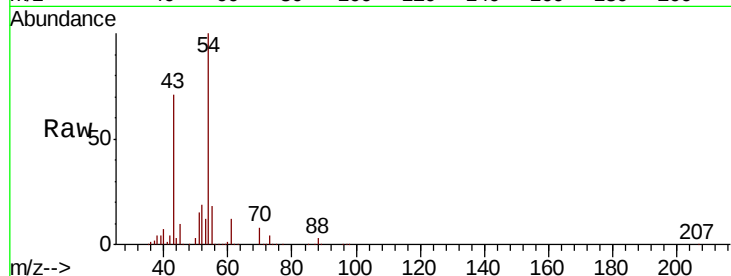




#37  
Ethyl Acetate  
Concen: 50.557 ug/l  
RT: 6.93 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

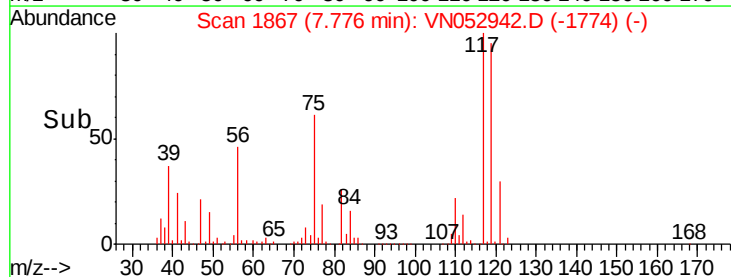
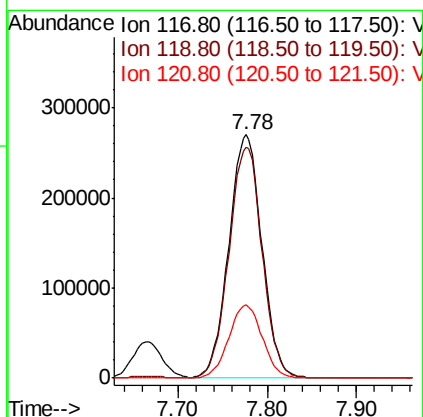
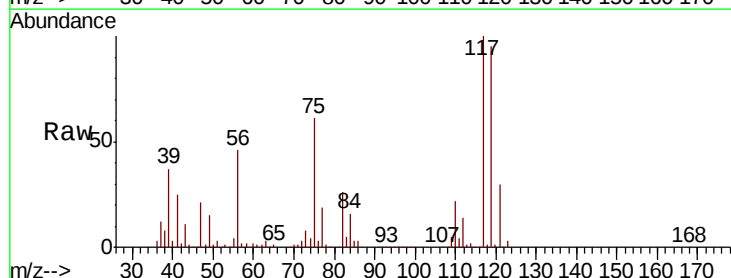
Instrument :  
MSVOA\_N  
ClientSampled :  
BFB

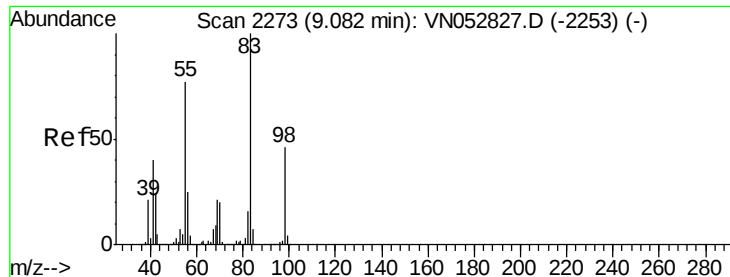
Tot Ion: 43 Resp: 468154  
Ion Ratio Lower Upper  
43 100  
61 14.6 11.8 17.6  
70 10.6 8.4 12.6



#38  
Carbon Tetrachloride  
Concen: 48.649 ug/l  
RT: 7.78 min Scan# 1867  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

Tgt Ion: 117 Resp: 690239  
Ion Ratio Lower Upper  
117 100  
119 94.8 77.1 115.7  
121 29.9 24.9 37.3

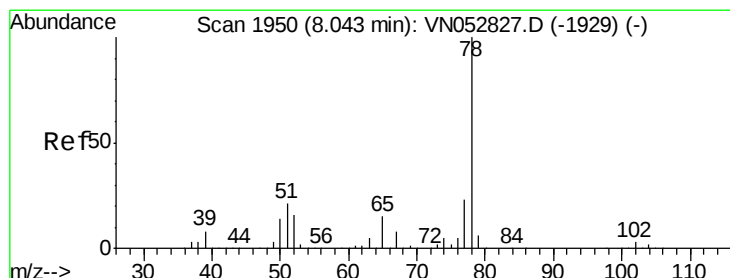
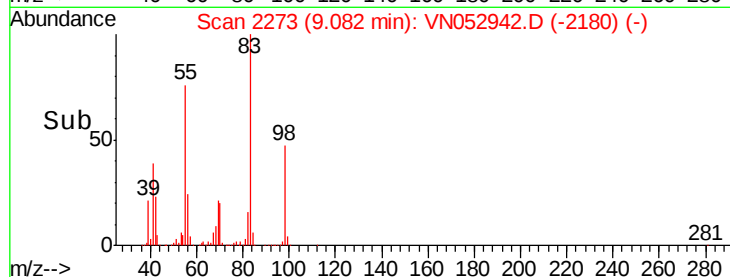
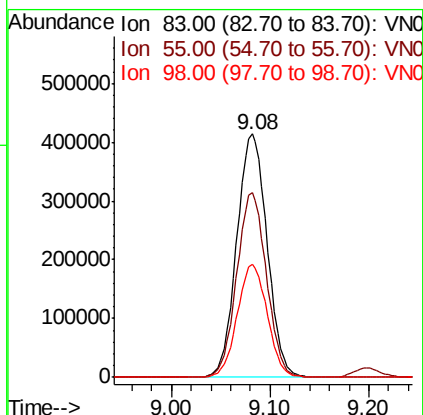
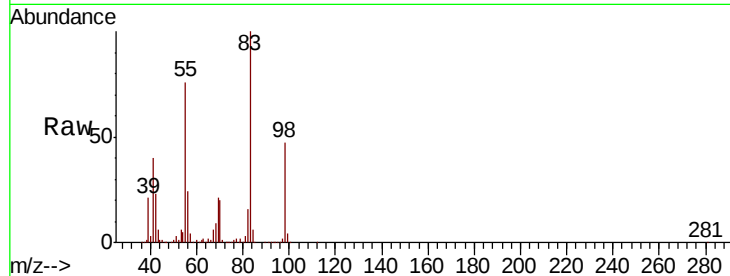




#39  
Methylvlcyclohexane  
Concen: 46.668 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

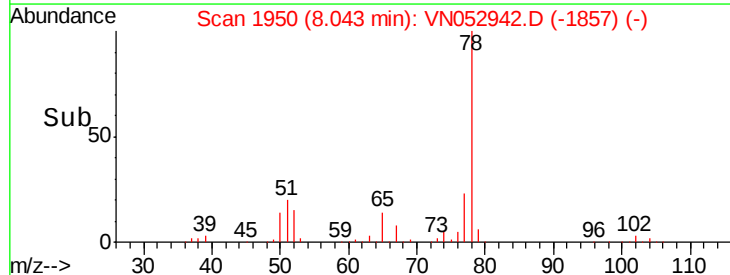
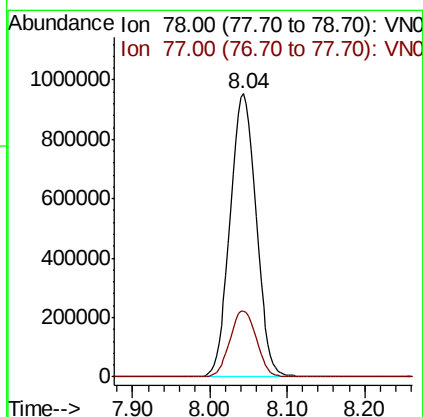
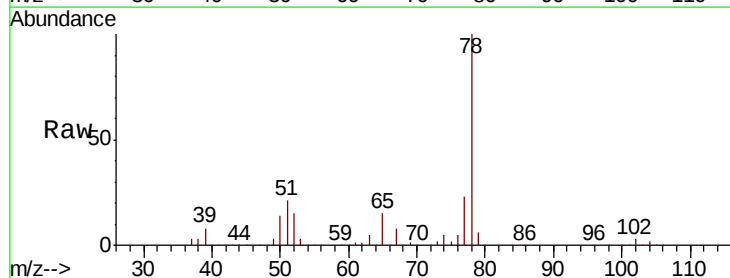
Instrument :  
MSVOA\_N  
ClientSampled :  
BFB

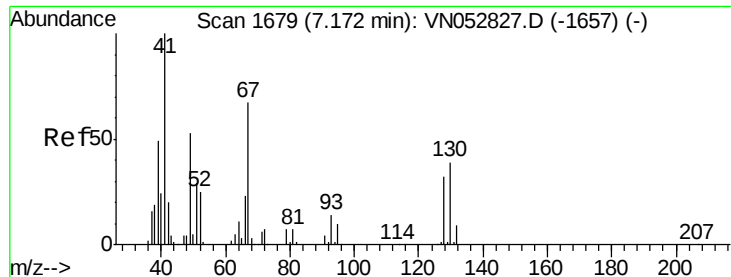
Tot Ion: 83 Resp: 882766  
Ion Ratio Lower Upper  
83 100  
55 75.9 61.3 91.9  
98 46.7 37.0 55.4



#40  
Benzene  
Concen: 48.194 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

Tgt Ion: 78 Resp: 2229637  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.5 27.7

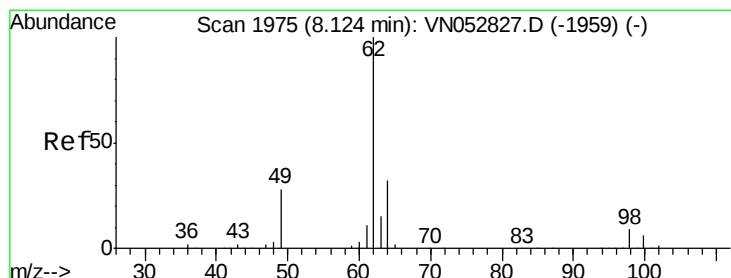
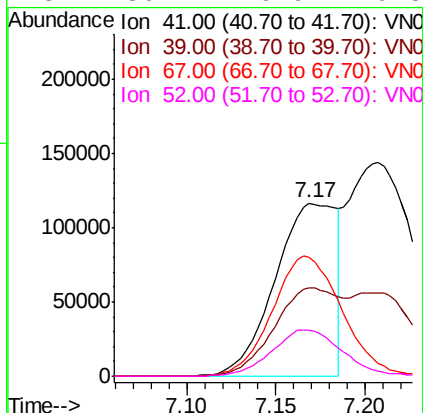
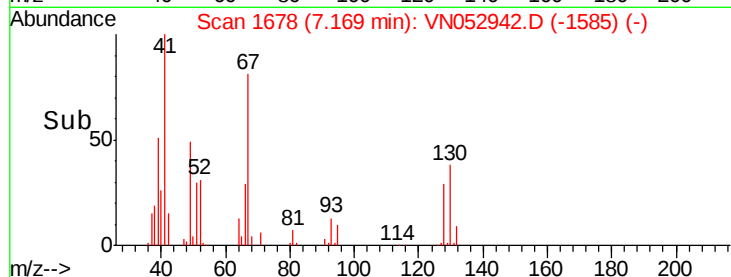
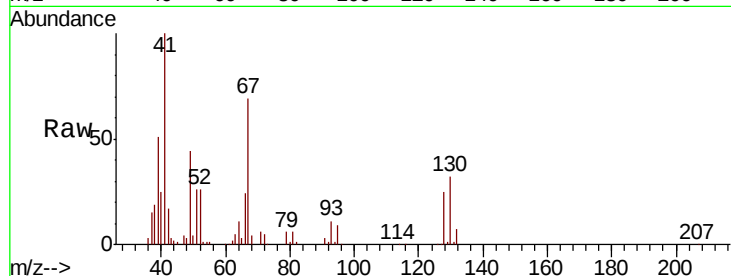




#41  
Methacrylonitrile  
Concen: 53.965 ug/l  
RT: 7.17 min Scan# 1678  
Delta R.T. -0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

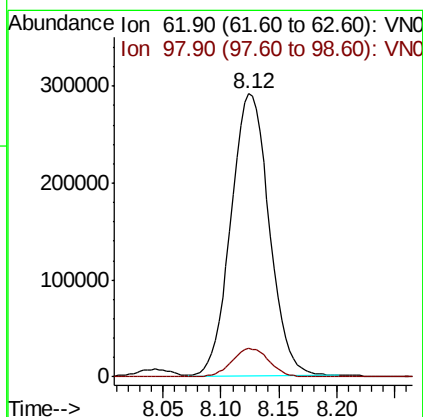
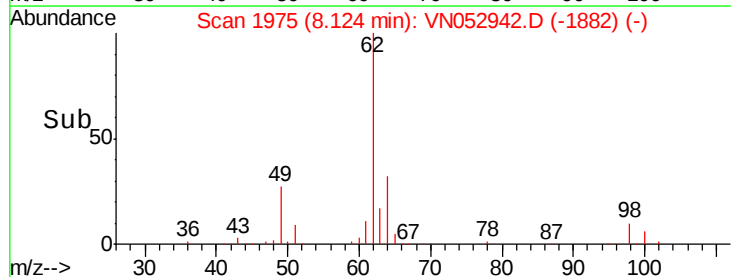
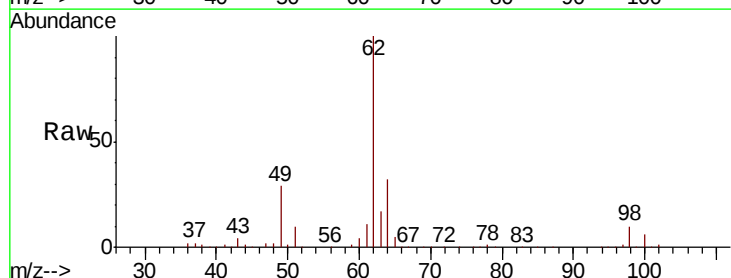
Instrument :  
MSVOA\_N  
ClientSampled :  
BFB

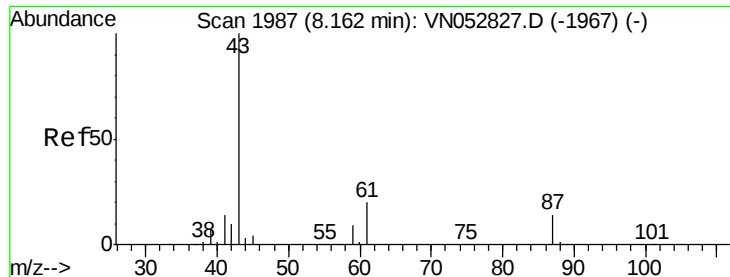
Tot Ion: 41 Resp: 276878  
Ion Ratio Lower Upper  
41 100  
39 54.5 48.0 72.0  
67 79.9 70.3 105.5  
52 30.7 26.9 40.3



#42  
1,2-Dichloroethane  
Concen: 48.056 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

Tgt Ion: 62 Resp: 669317  
Ion Ratio Lower Upper  
62 100  
98 10.0 0.0 19.0





#43

Isopropyl Acetate

Concen: 47.819 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampled :

BFB

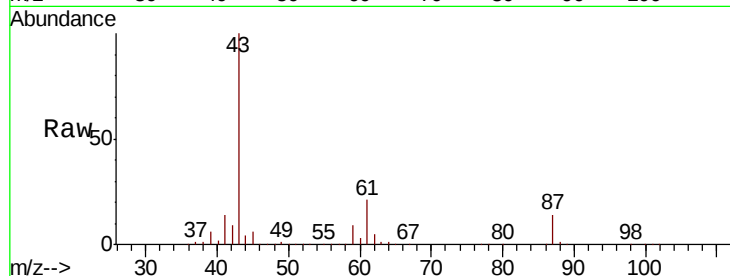
Tot Ion: 43 Resp: 907861

Ion Ratio Lower Upper

43 100

61 27.1 22.9 34.3

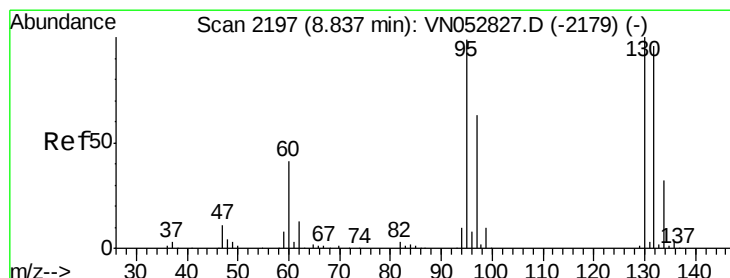
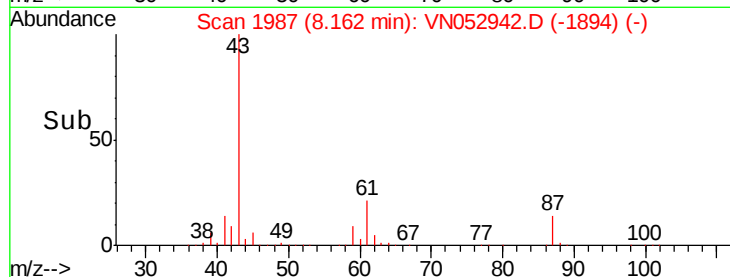
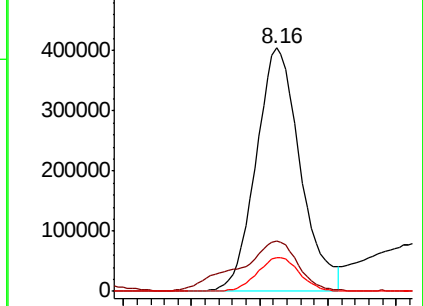
87 13.3 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052827.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052827.D (-1967) (-)



#44

Trichloroethene

Concen: 50.512 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052942.D

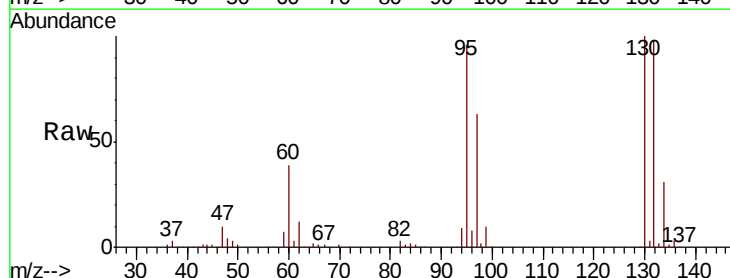
Acq: 17 Dec 2018 22:18

Tgt Ion:130 Resp: 631215

Ion Ratio Lower Upper

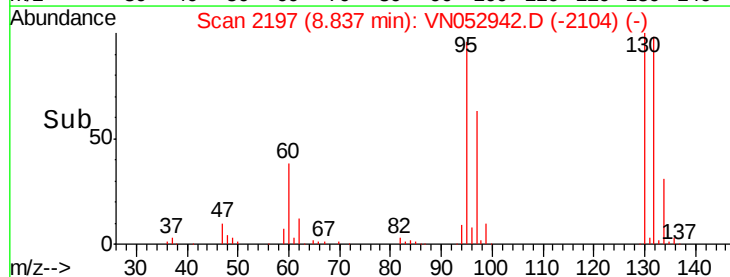
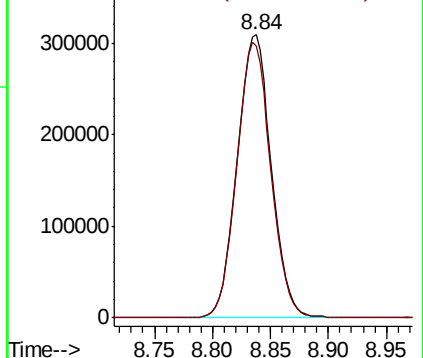
130 100

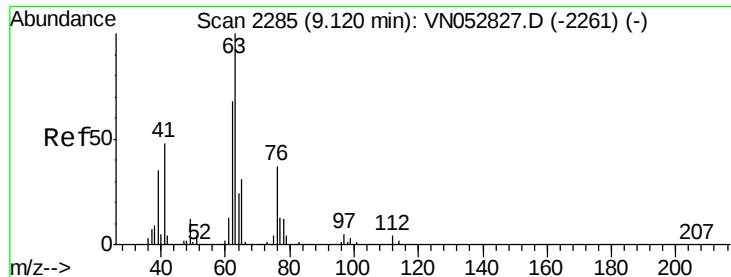
95 96.2 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN052827.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052827.D (-2179) (-)

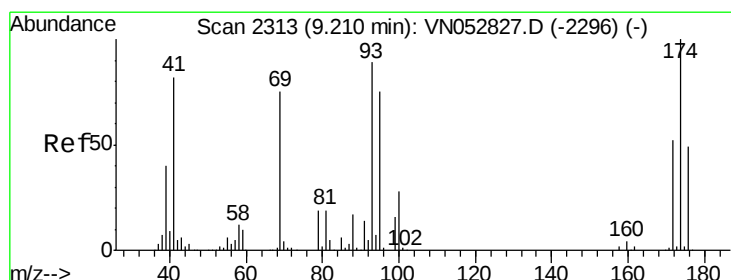
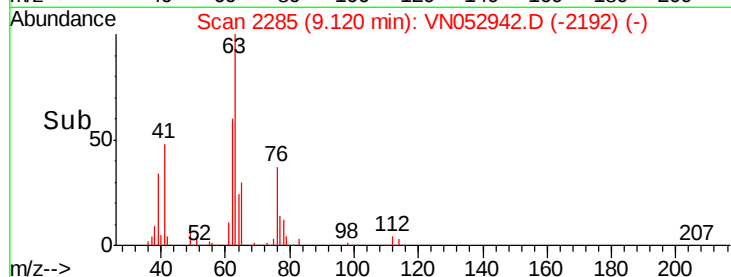
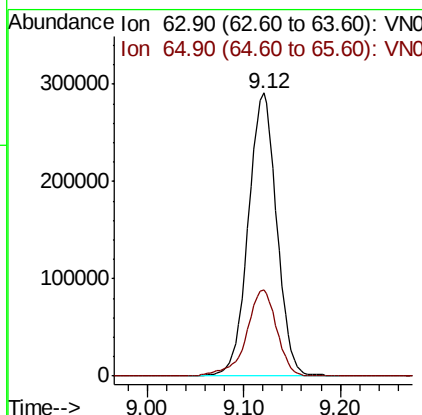
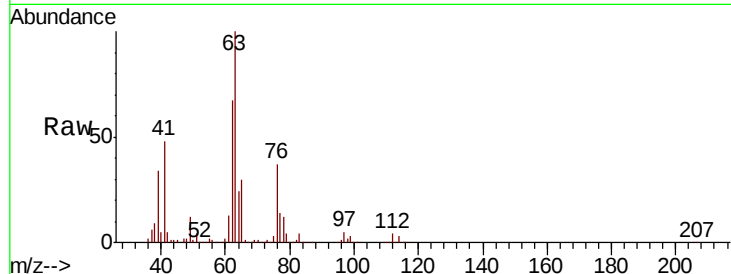




#45  
 1,2-Dichloropropane  
 Concen: 49.044 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. 0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

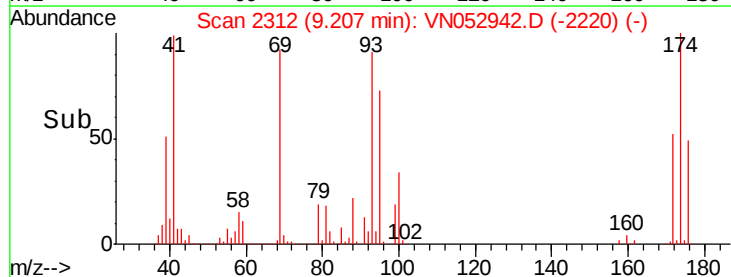
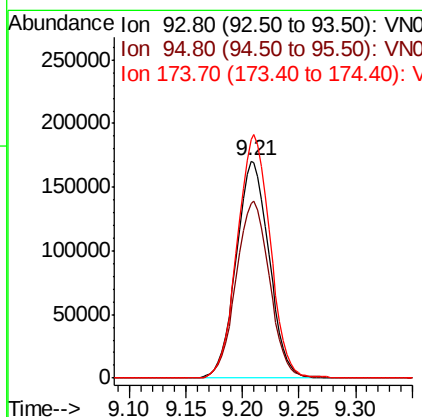
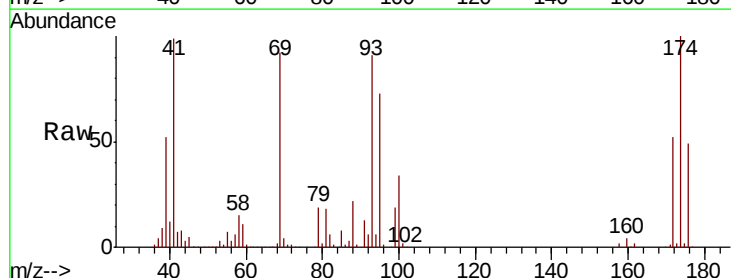
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BFB

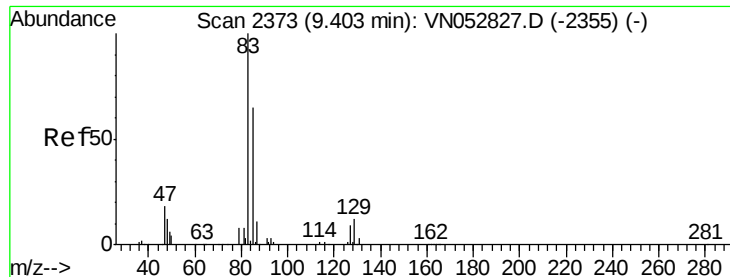
Tot Ion: 63 Resp: 594297  
 Ion Ratio Lower Upper  
 63 100  
 65 30.3 24.6 37.0



#46  
 Dibromomethane  
 Concen: 49.272 ug/l  
 RT: 9.21 min Scan# 2312  
 Delta R.T. -0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

Tgt Ion: 93 Resp: 346263  
 Ion Ratio Lower Upper  
 93 100  
 95 83.1 67.8 101.6  
 174 112.2 89.0 133.4





#47

Bromodichloromethane

Concen: 49.902 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampleId :

BFB

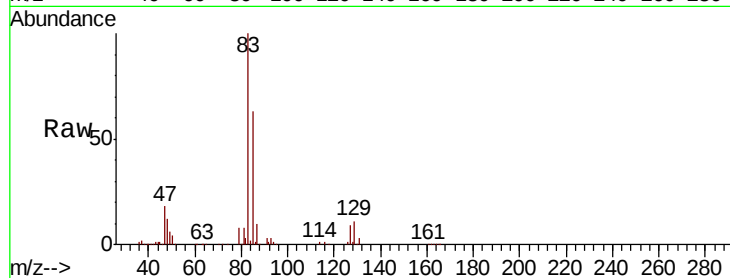
Tot Ion: 83 Resp: 727224

Ion Ratio Lower Upper

83 100

85 63.5 51.6 77.4

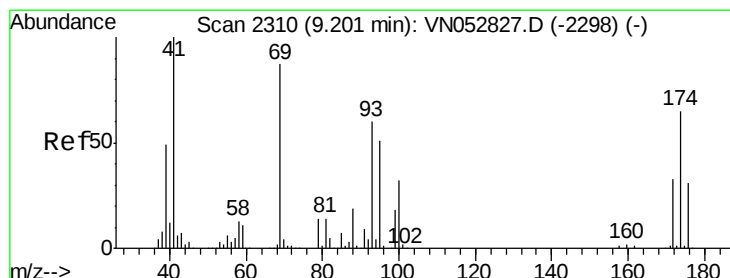
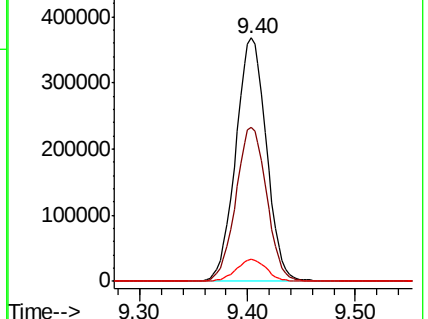
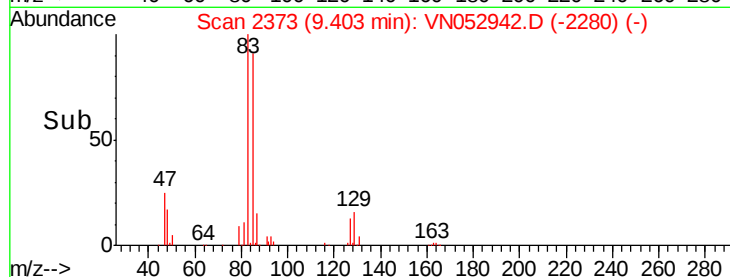
127 8.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN052942.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052942.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052942.D (-2280) (-)



#48

Methyl methacrylate

Concen: 51.824 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

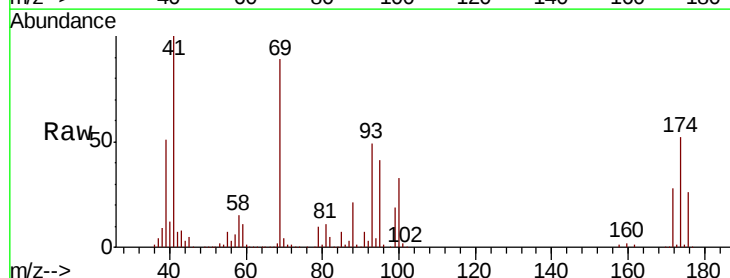
Tgt Ion: 41 Resp: 431486

Ion Ratio Lower Upper

41 100

69 93.0 72.2 108.2

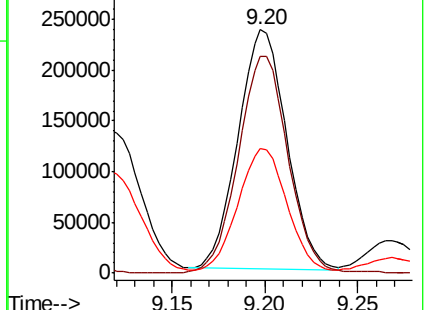
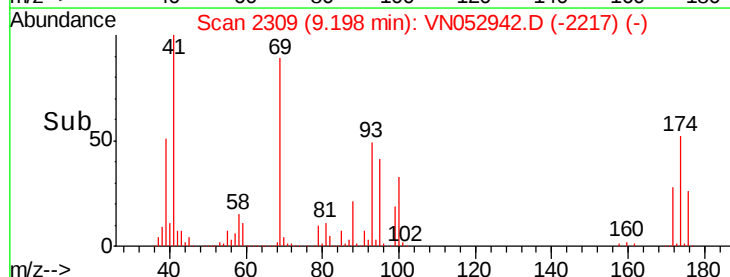
39 53.3 41.9 62.9

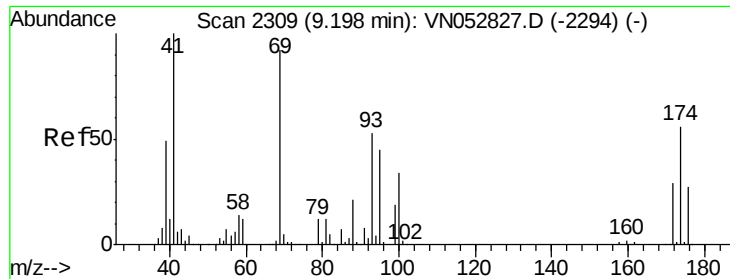


Abundance Ion 41.00 (40.70 to 41.70): VN052942.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN052942.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN052942.D (-2217) (-)

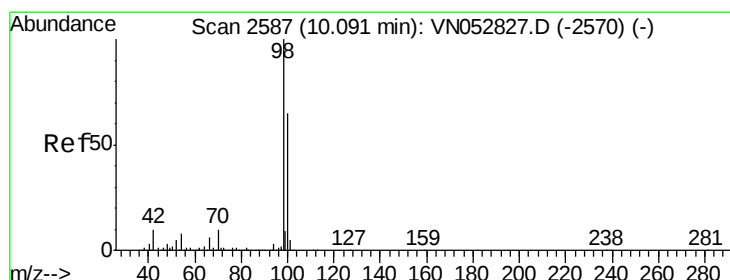
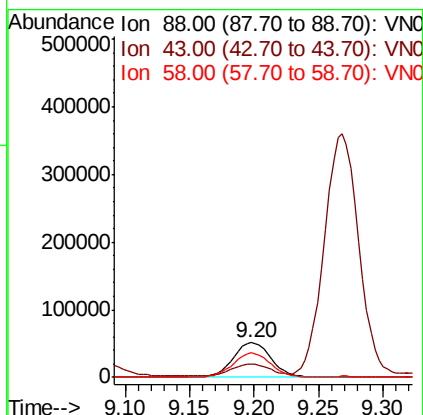
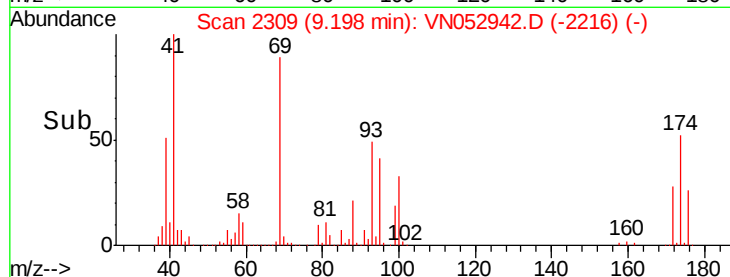
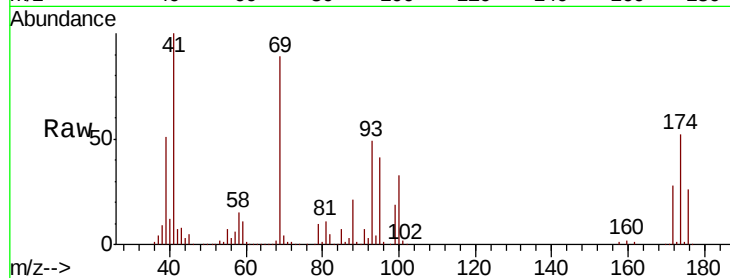




#49  
1,4-Dioxane  
Concen: 1123.205 ug/l  
RT: 9.20 min Scan# 2309  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

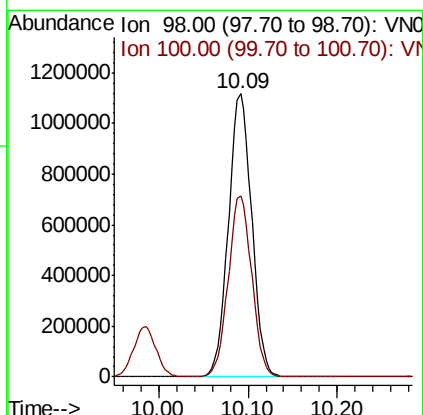
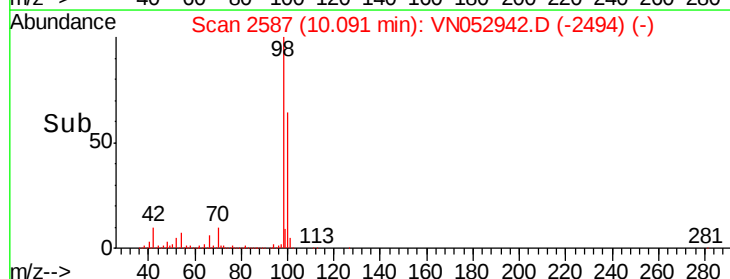
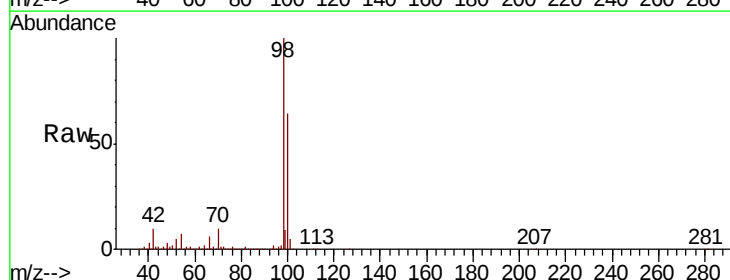
Instrument :  
MSVOA\_N  
ClientSampled :  
BFB

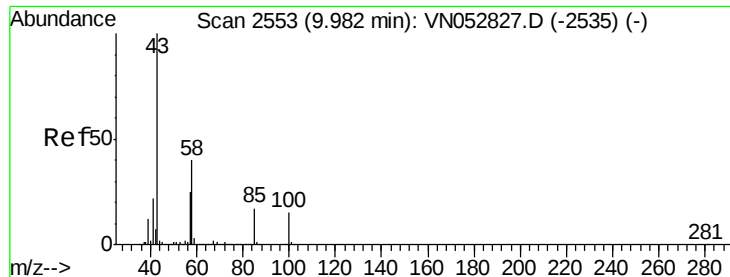
Tot Ion: 88 Resp: 106150  
Ion Ratio Lower Upper  
88 100  
43 32.8 26.6 40.0  
58 70.0 58.4 87.6



#50  
Toluene-d8  
Concen: 1123.205 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

Tgt Ion: 98 Resp: 2021827  
Ion Ratio Lower Upper  
98 100  
100 64.4 51.6 77.4

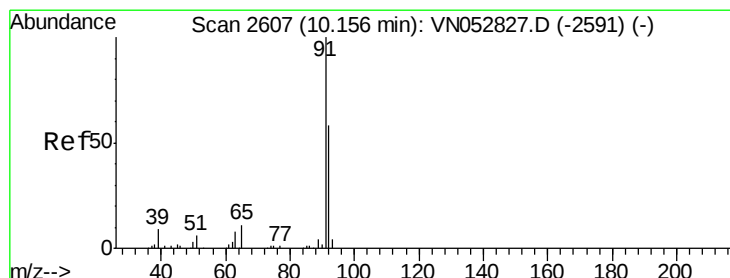
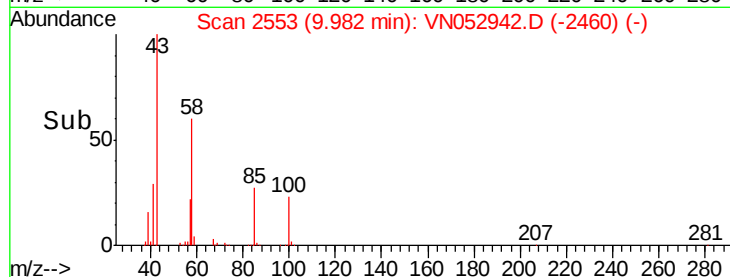
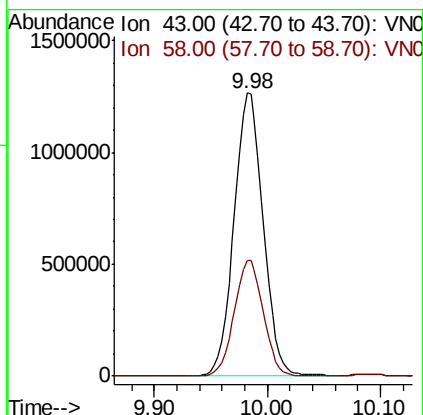
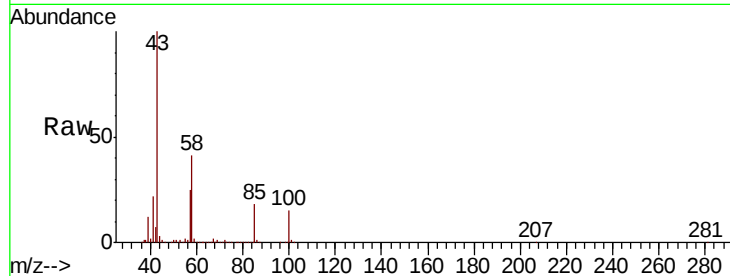




#51  
 4-Methyl-2-Pentanone  
 Concen: 259.583 ug/l  
 RT: 9.98 min Scan# 2553  
 Delta R.T. 0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

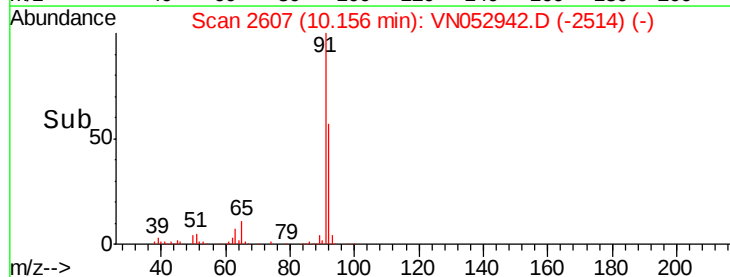
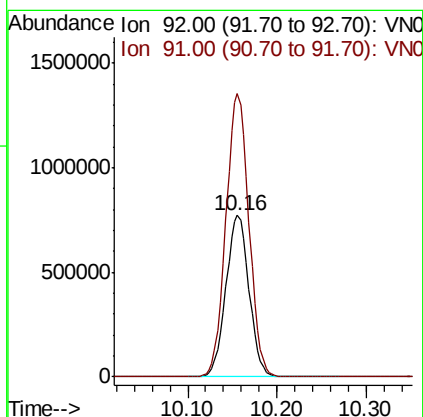
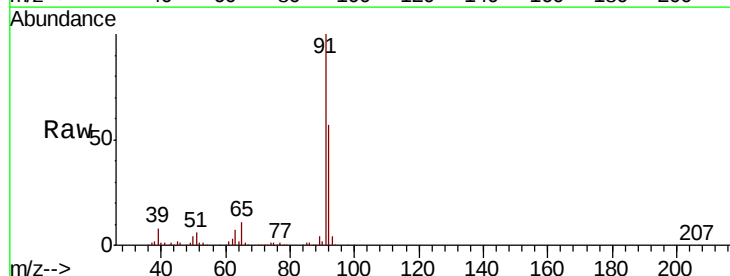
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BFB

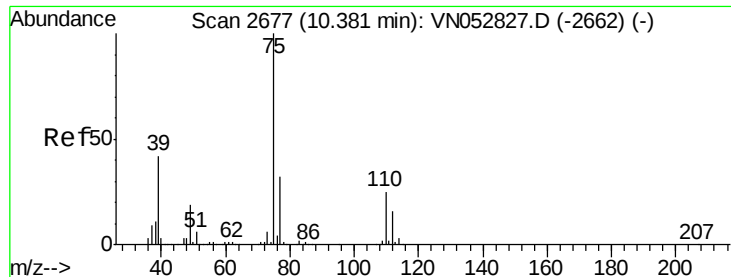
Tot Ion: 43 Resp: 2259824  
 Ion Ratio Lower Upper  
 43 100  
 58 40.9 32.2 48.4



#52  
 Toluene  
 Concen: 49.295 ug/l  
 RT: 10.16 min Scan# 2607  
 Delta R.T. 0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

Tgt Ion: 92 Resp: 1381258  
 Ion Ratio Lower Upper  
 92 100  
 91 175.0 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 52.363 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampleId :

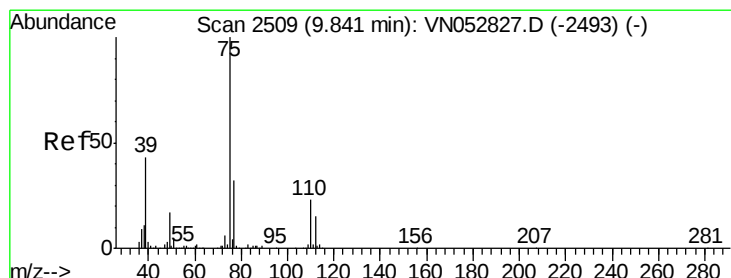
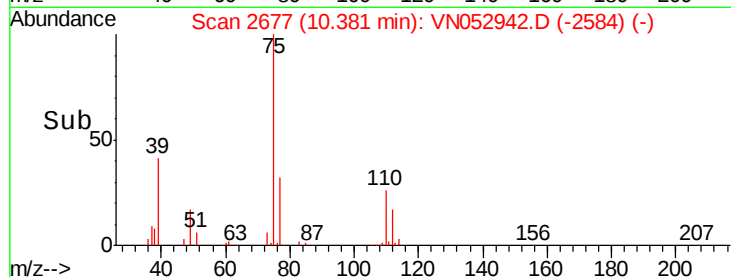
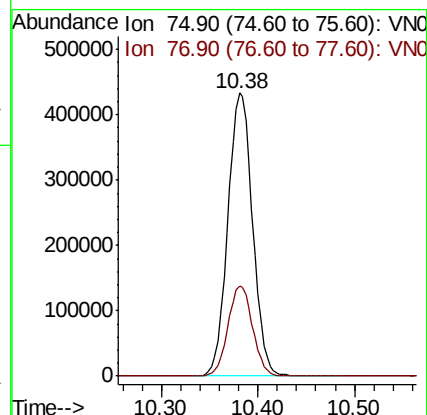
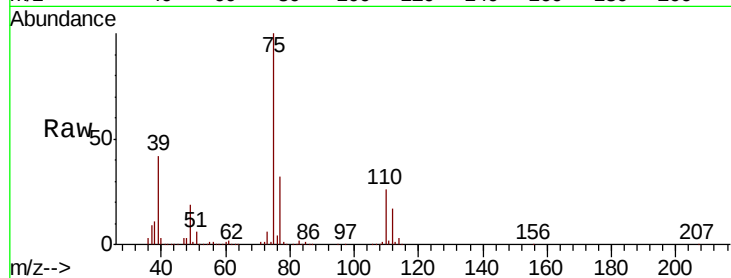
BFB

Tot Ion: 75 Resp: 767887

Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 50.185 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

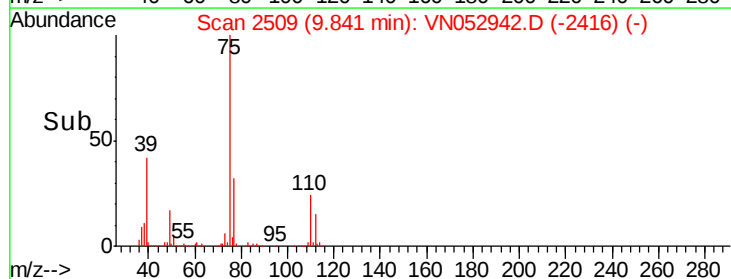
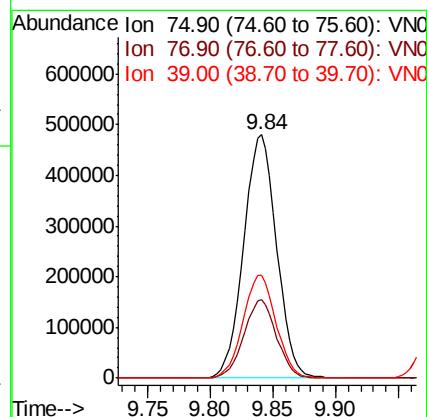
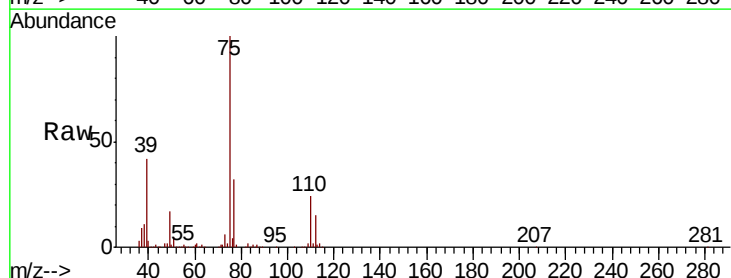
Tgt Ion: 75 Resp: 876970

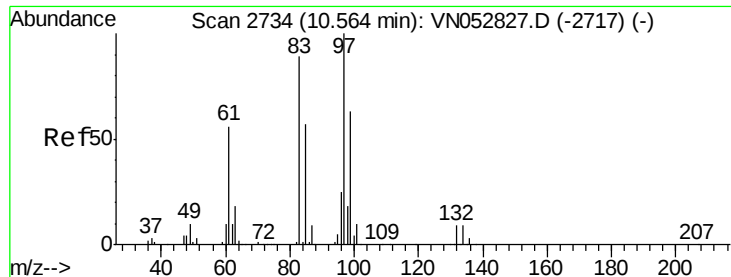
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8

39 42.3 34.8 52.2





#55

1,1,2-Trichloroethane

Concen: 49.587 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampled :

BFB

Tot Ion: 97 Resp: 495988

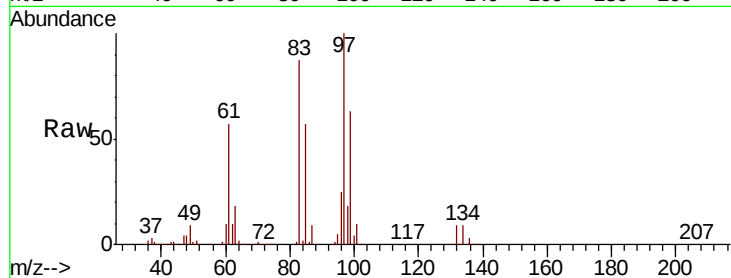
Ion Ratio Lower Upper

97 100

83 87.2 70.9 106.3

85 56.9 45.4 68.2

99 62.5 50.4 75.6

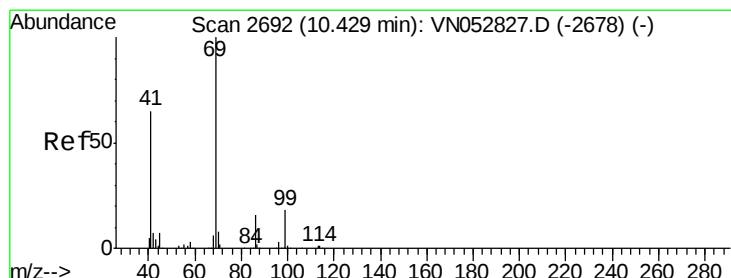
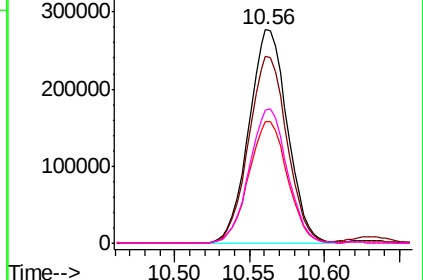
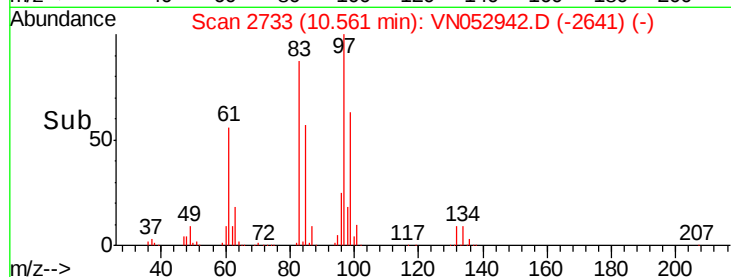


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 54.435 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

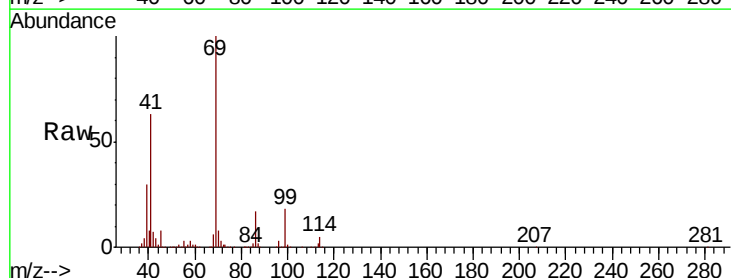
Tgt Ion: 69 Resp: 698754

Ion Ratio Lower Upper

69 100

41 62.7 51.7 77.5

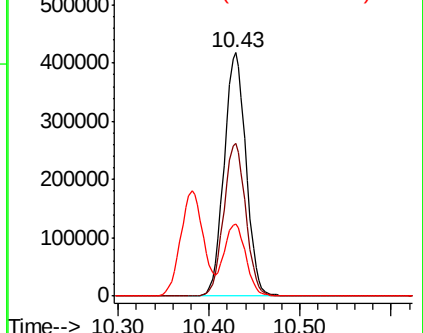
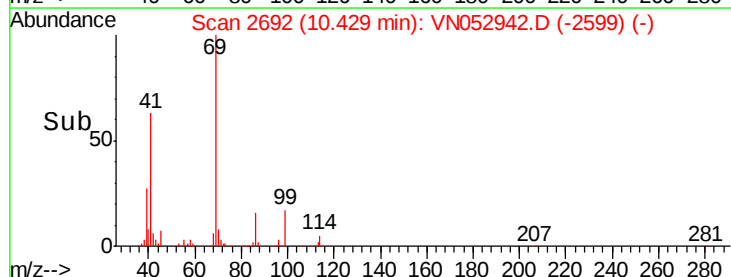
39 29.4 24.6 37.0

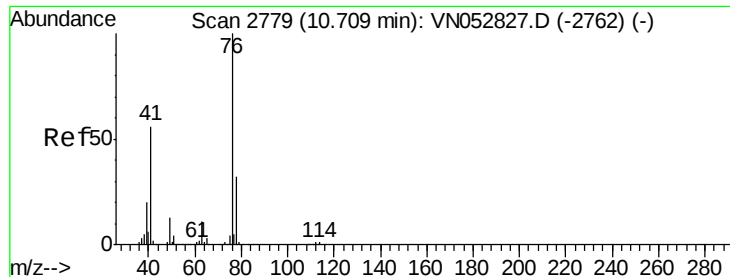


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 49.896 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampled :

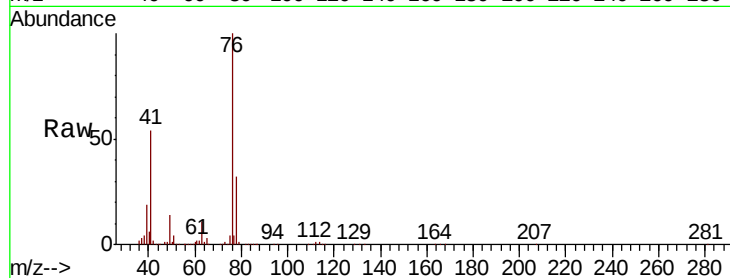
BFB

Tot Ion: 76 Resp: 855846

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

500000

400000

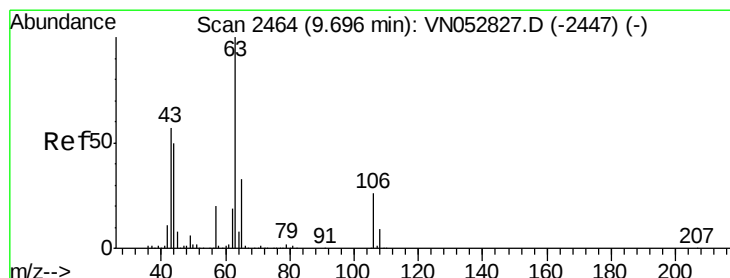
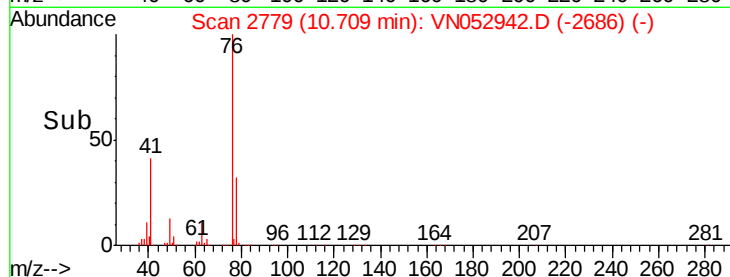
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 267.528 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN052942.D

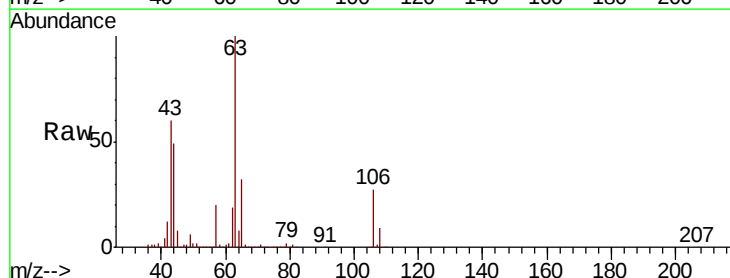
Acq: 17 Dec 2018 22:18

Tgt Ion: 63 Resp: 1916172

Ion Ratio Lower Upper

63 100

106 27.0 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

1200000

1000000

800000

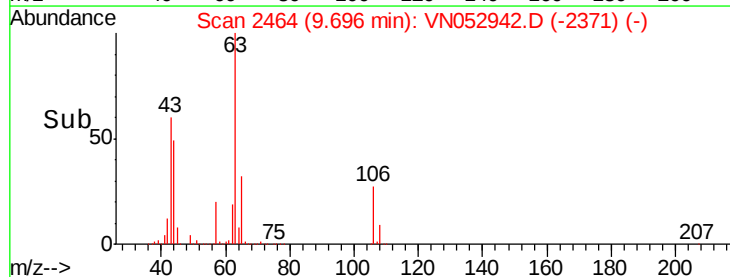
600000

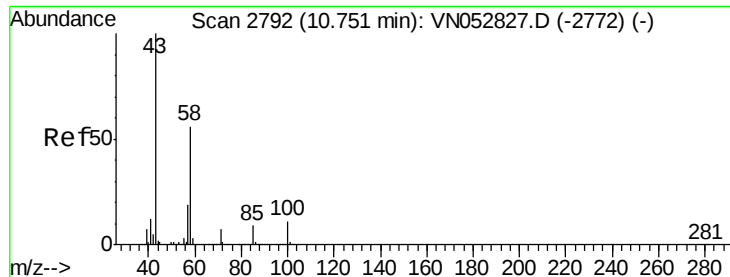
400000

200000

0

Time-->

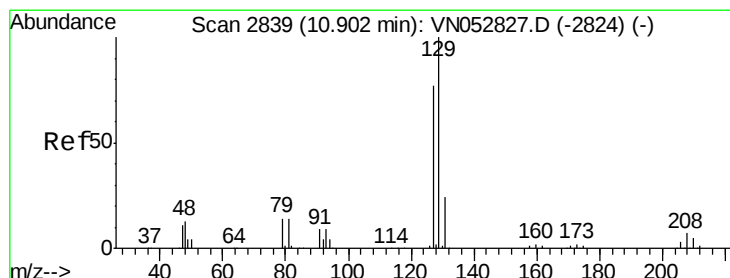
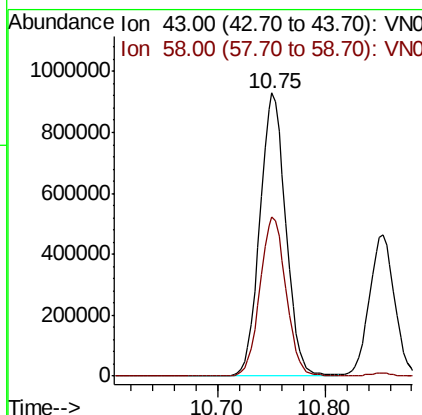
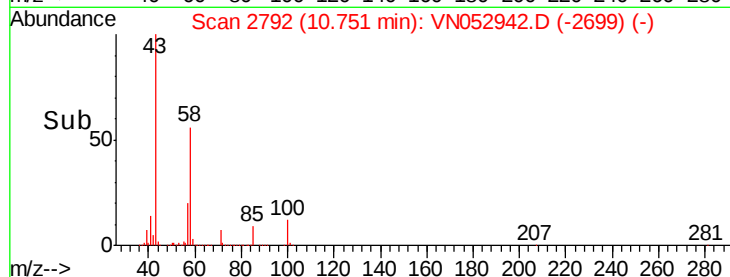
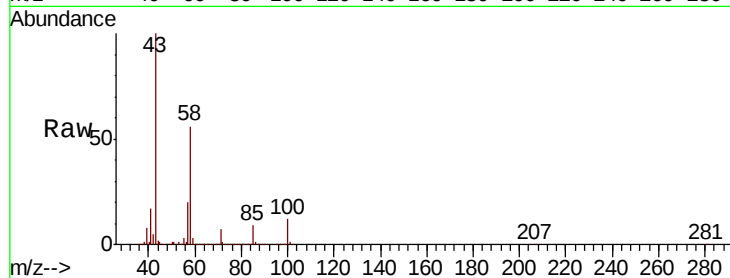




#59  
2-Hexanone  
Concen: 258.441 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

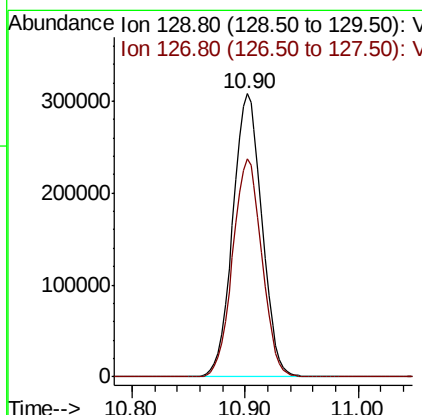
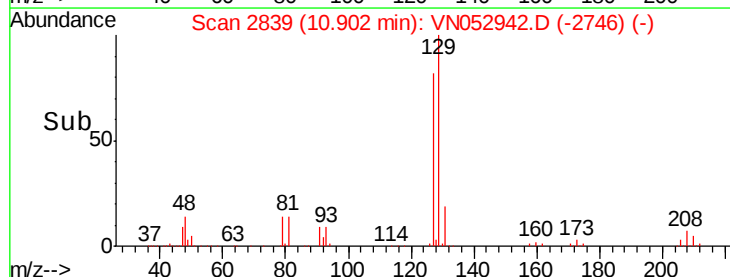
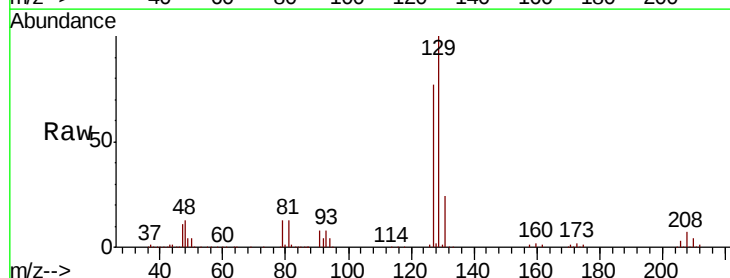
Instrument :  
MSVOA\_N  
ClientSampled :  
BFB

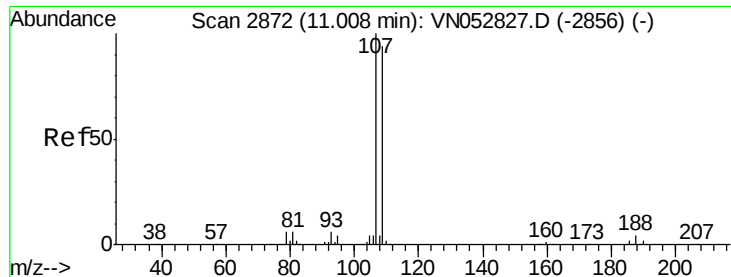
Tot Ion: 43 Resp: 1541890  
Ion Ratio Lower Upper  
43 100  
58 56.6 28.1 84.3



#60  
Dibromochloromethane  
Concen: 51.099 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

Tgt Ion: 129 Resp: 552397  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.6 116.0

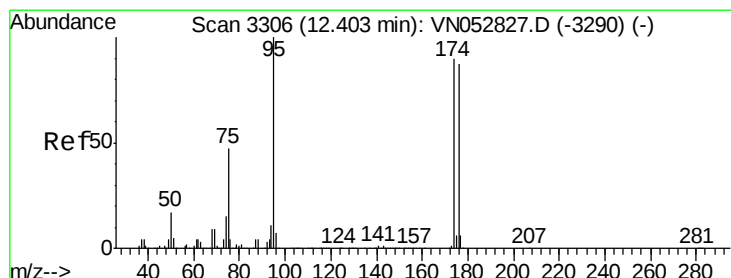
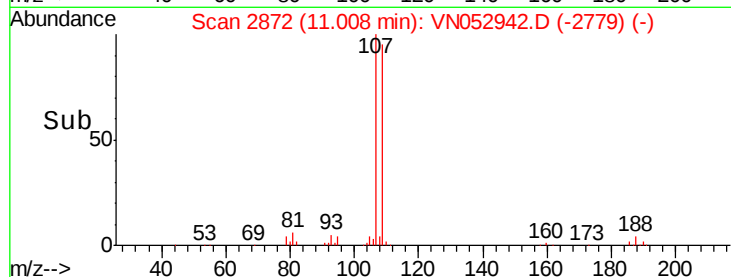
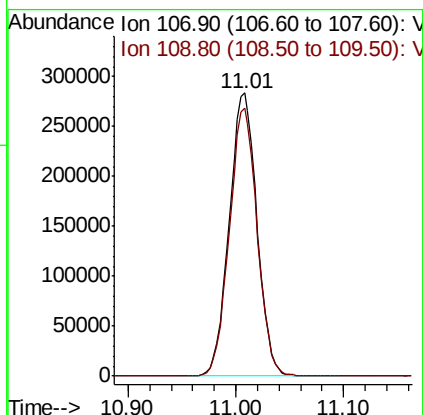
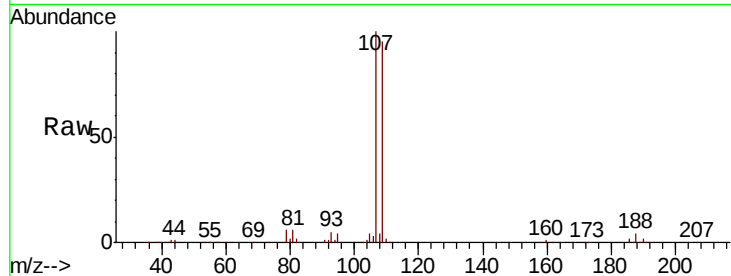




#61  
 1,2-Dibromoethane  
 Concen: 51.346 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. 0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

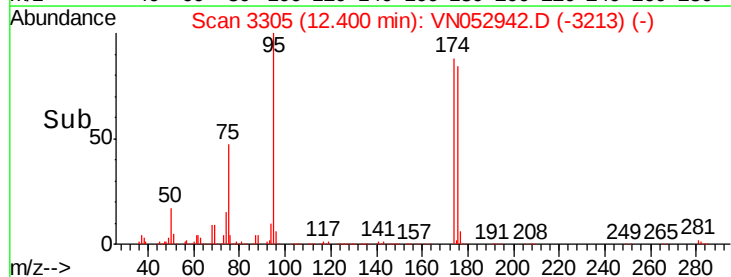
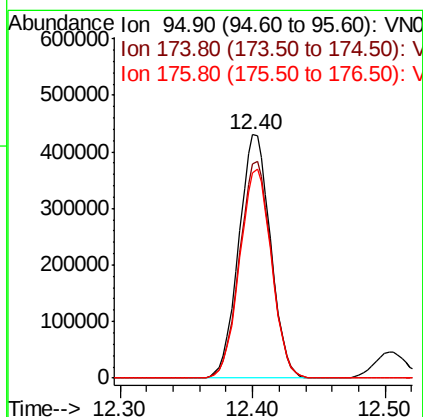
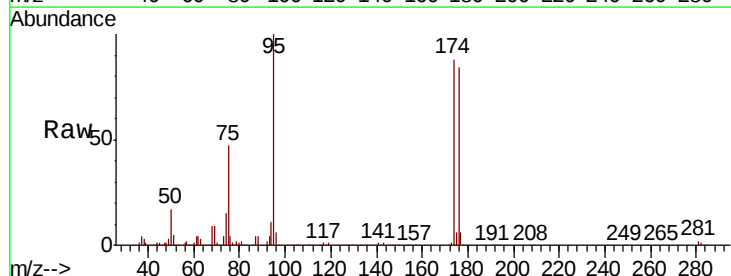
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BFB

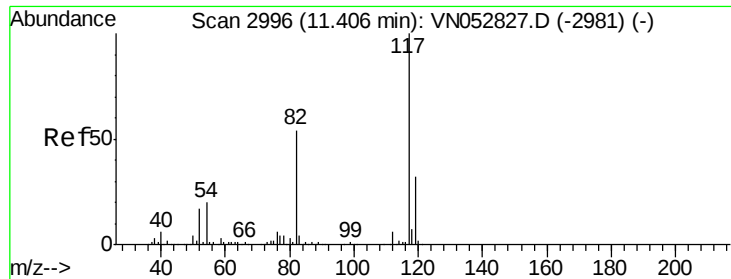
Tot Ion: 107 Resp: 507656  
 Ion Ratio Lower Upper  
 107 100  
 109 94.7 75.4 113.0



#62  
 4-Bromofluorobenzene  
 Concen: 51.346 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

Tgt Ion: 95 Resp: 714509  
 Ion Ratio Lower Upper  
 95 100  
 174 89.4 0.0 178.8  
 176 86.1 0.0 173.8

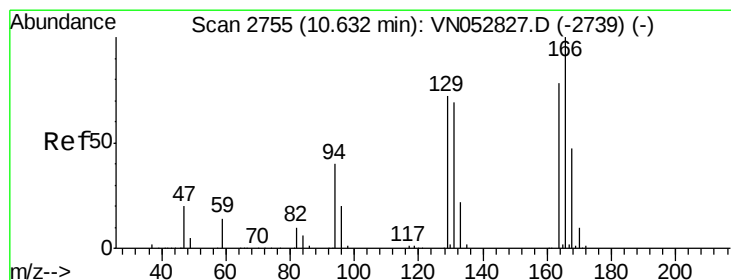
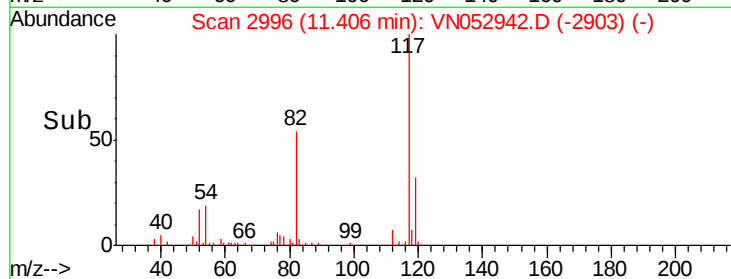
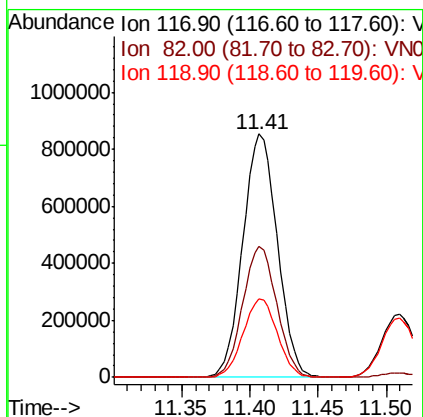
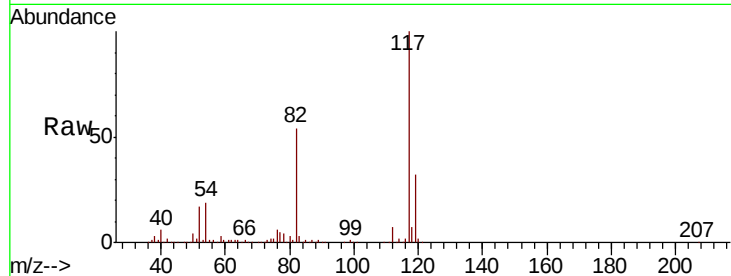




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

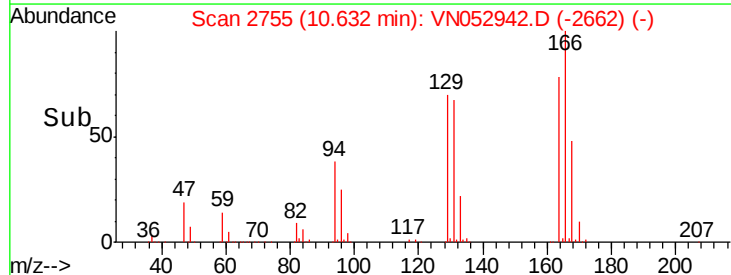
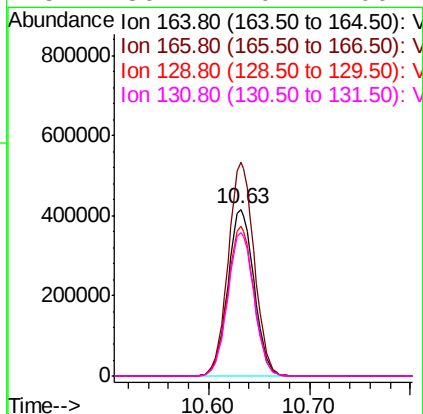
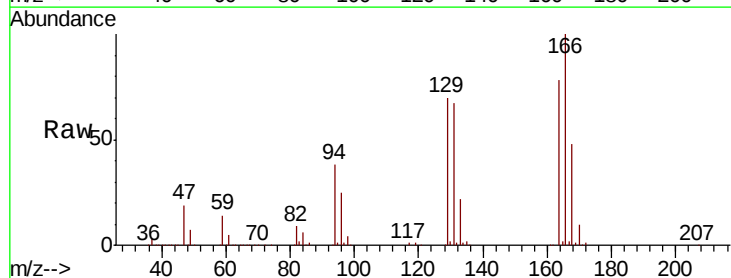
Instrument :  
MSVOA\_N  
ClientSampled :  
BFB

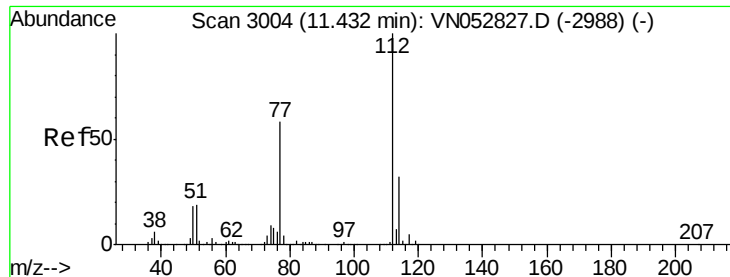
Tot Ion:117 Resp: 1498783  
Ion Ratio Lower Upper  
117 100  
82 53.8 42.8 64.2  
119 32.2 25.5 38.3



#64  
Tetrachloroethene  
Concen: 58.373 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

Tgt Ion:164 Resp: 751941  
Ion Ratio Lower Upper  
164 100  
166 128.2 102.9 154.3  
129 89.9 73.7 110.5  
131 86.4 70.7 106.1

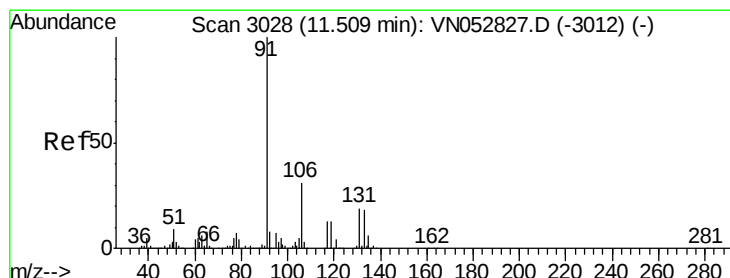
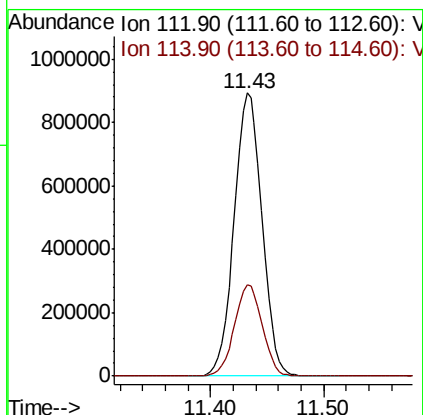
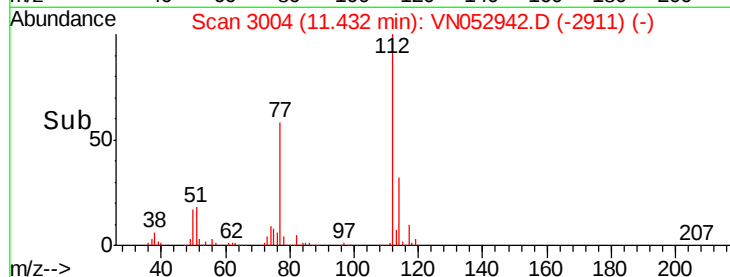
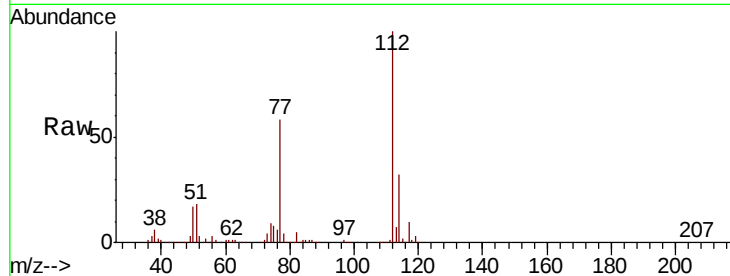




#65  
Chlorobenzene  
Concen: 49.206 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

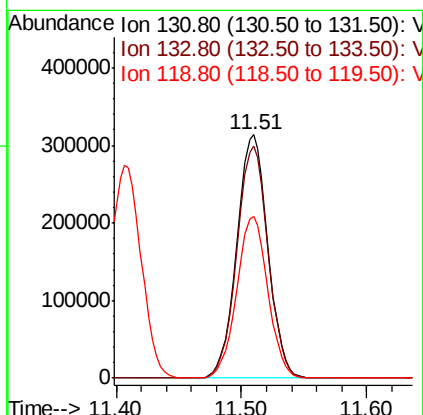
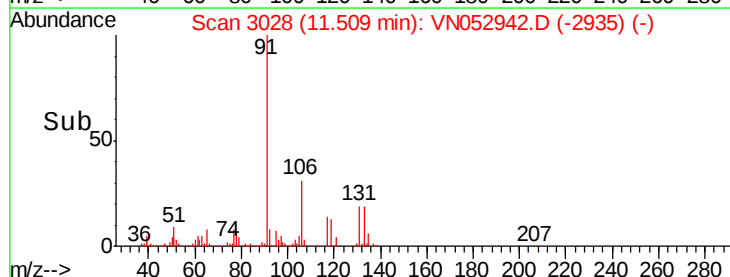
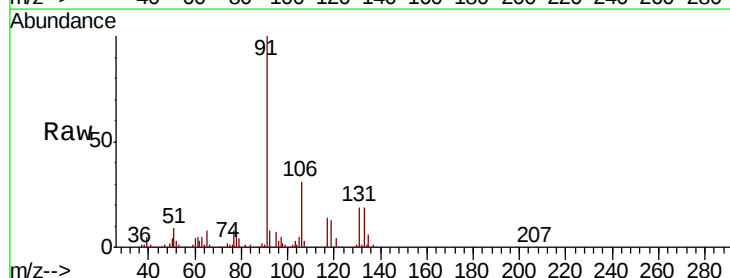
Instrument :  
MSVOA\_N  
ClientSampled :  
BFB

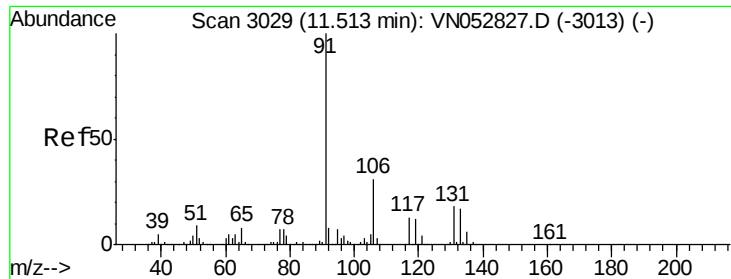
Tot Ion:112 Resp: 1530021  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.834 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

Tgt Ion:131 Resp: 538917  
Ion Ratio Lower Upper  
131 100  
133 95.9 47.6 142.9  
119 66.7 33.3 99.8

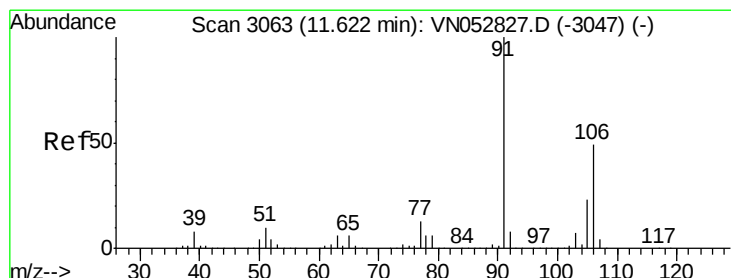
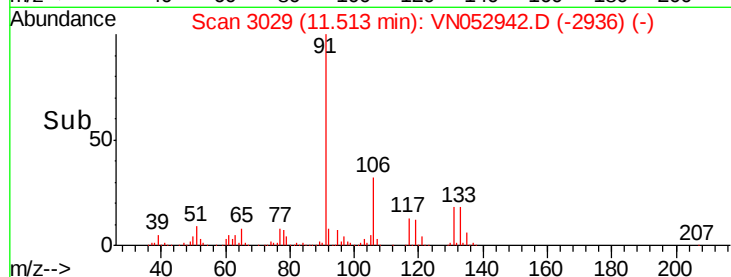
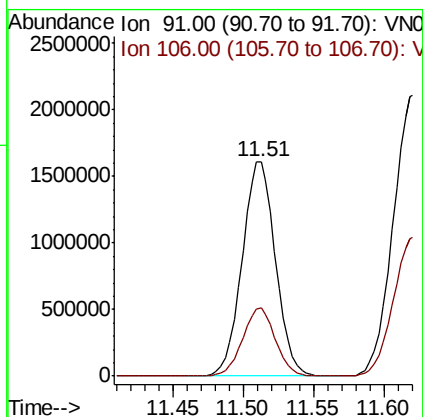
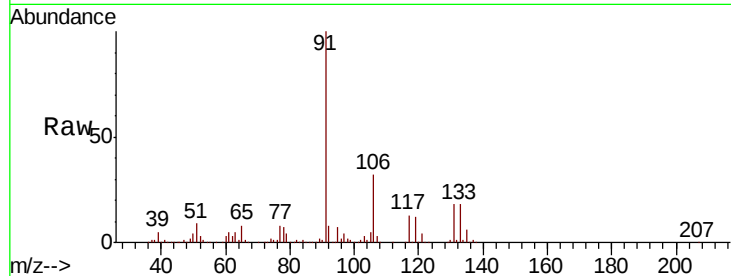




#67  
Ethyl Benzene  
Concen: 49.840 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

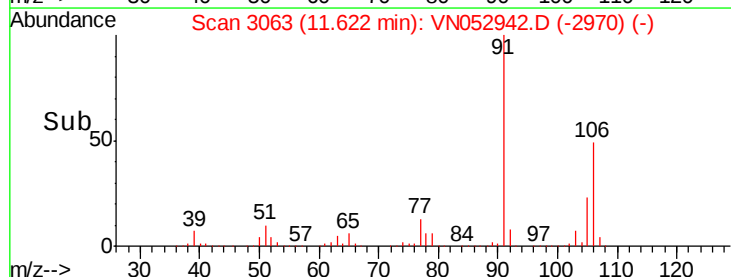
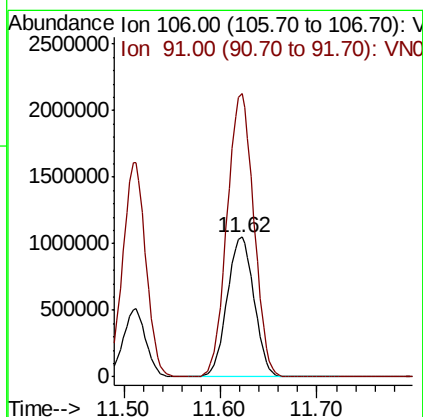
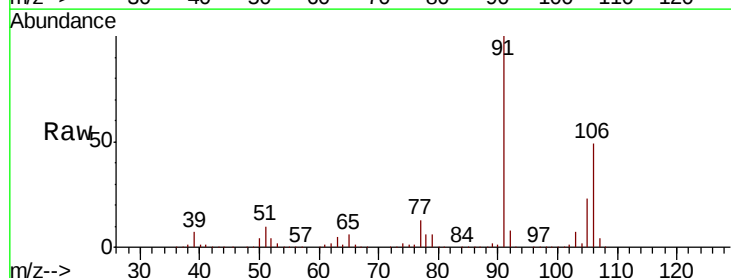
Instrument :  
MSVOA\_N  
ClientSampled :  
BFB

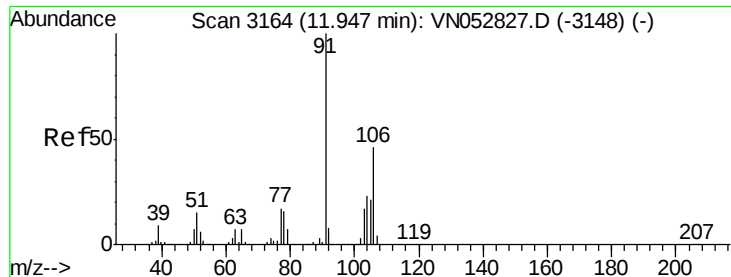
Tot Ion: 91 Resp: 2661366  
Ion Ratio Lower Upper  
91 100  
106 31.5 24.9 37.3



#68  
m/p-Xylenes  
Concen: 101.002 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

Tgt Ion: 106 Resp: 2025145  
Ion Ratio Lower Upper  
106 100  
91 201.6 162.2 243.4

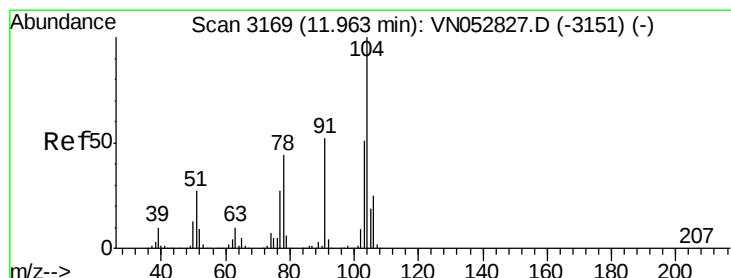
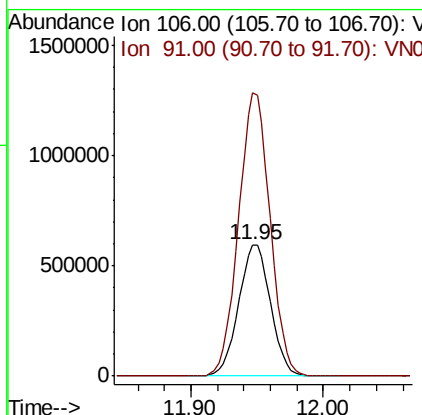
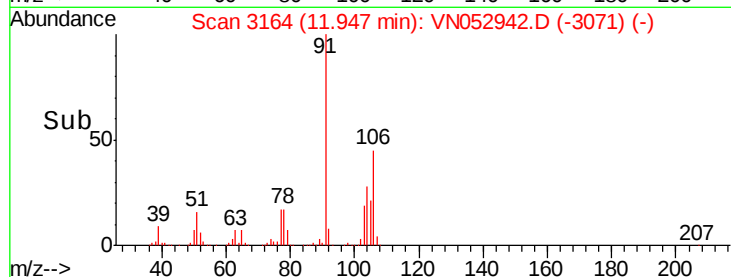
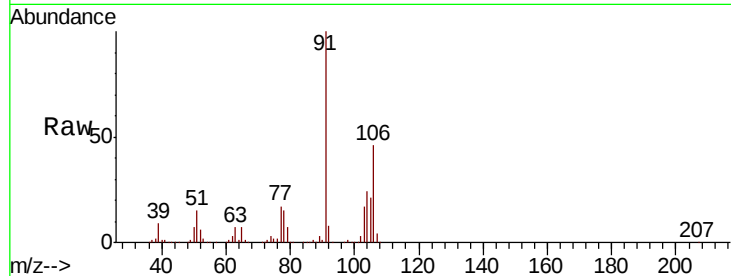




#69  
o-Xylene  
Concen: 50.551 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

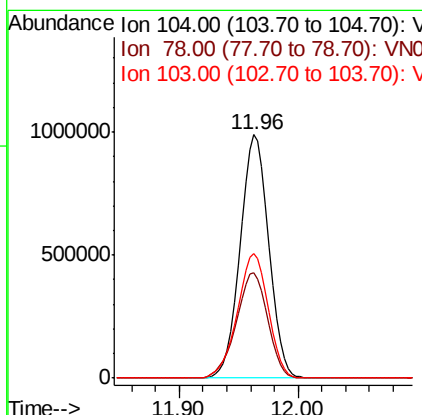
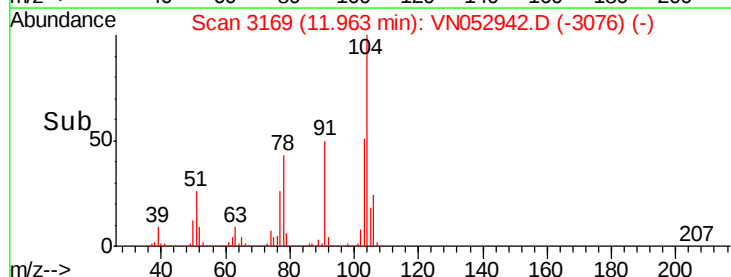
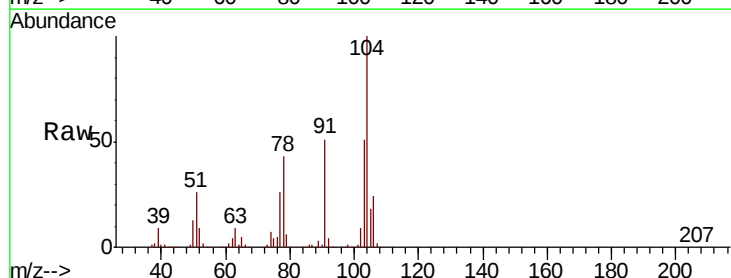
Instrument :  
MSVOA\_N  
ClientSampled :  
BFB

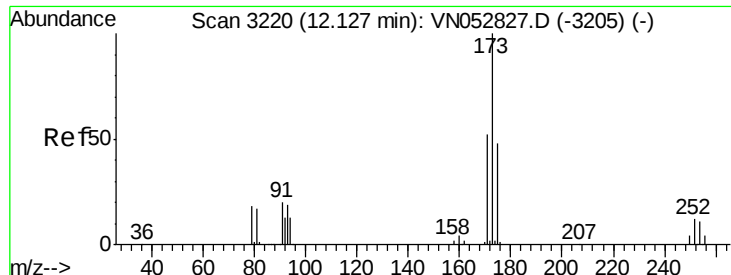
Tot Ion:106 Resp: 989739  
Ion Ratio Lower Upper  
106 100  
91 213.7 106.6 319.8



#70  
Styrene  
Concen: 52.275 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

Tgt Ion:104 Resp: 1645313  
Ion Ratio Lower Upper  
104 100  
78 47.6 38.9 58.3  
103 55.1 44.3 66.5

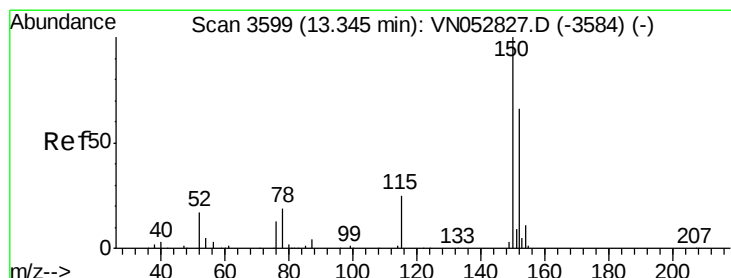
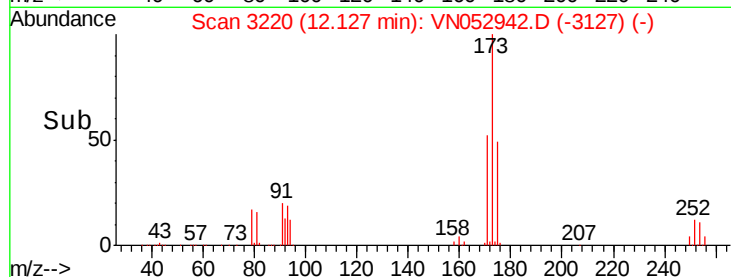
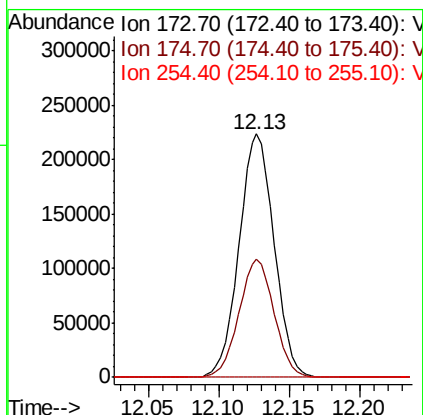
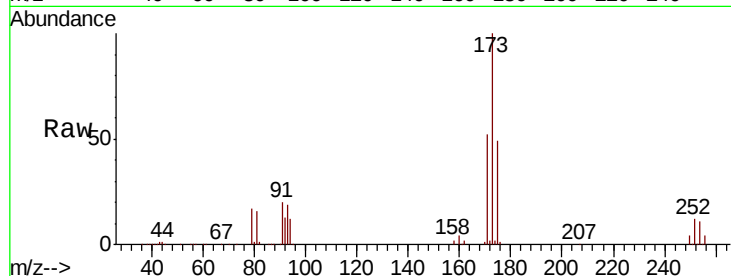




#71  
Bromoform  
Concen: 52.814 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

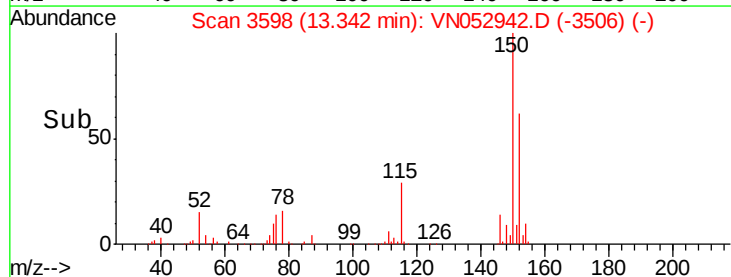
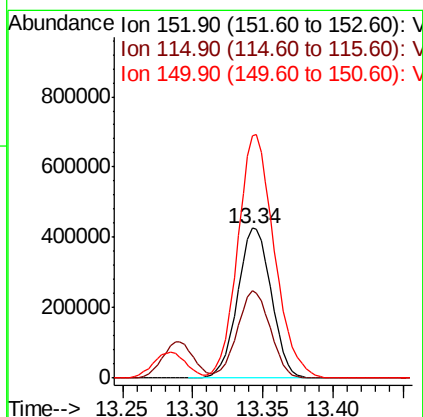
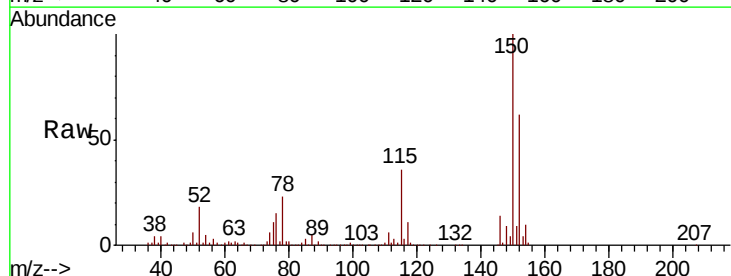
Instrument :  
MSVOA\_N  
ClientSampleId :  
BFB

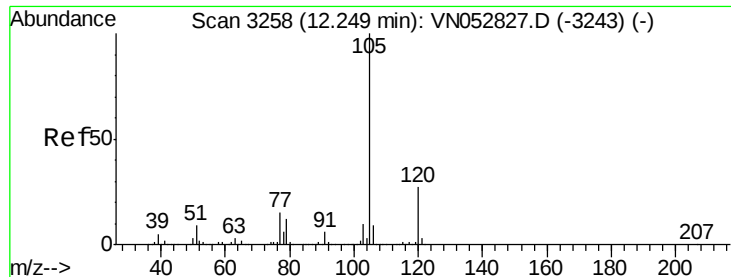
Tot Ion:173 Resp: 388015  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.3 72.9  
254 0.1 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. -0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

Tgt Ion:152 Resp: 713066  
Ion Ratio Lower Upper  
152 100  
115 57.0 28.3 85.0  
150 175.4 0.0 347.8





#73

Isopropylbenzene

Concen: 49.440 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampleId :

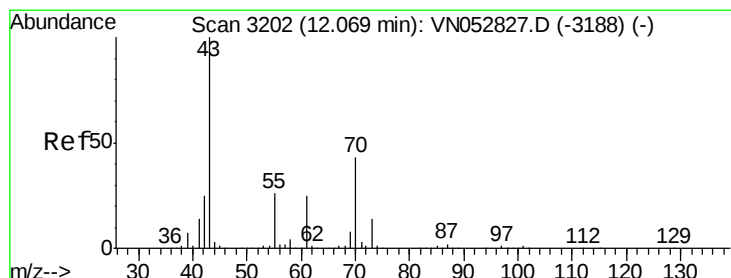
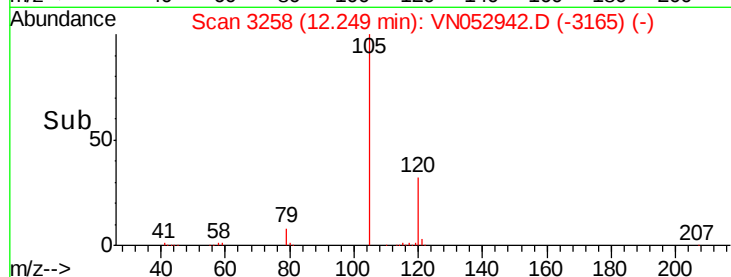
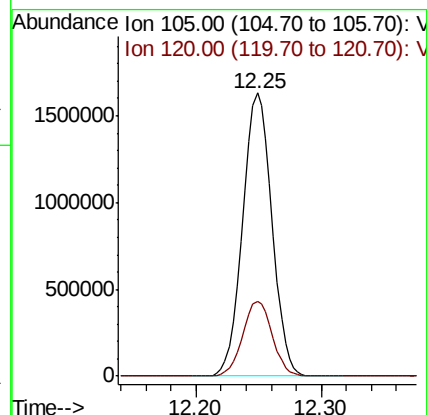
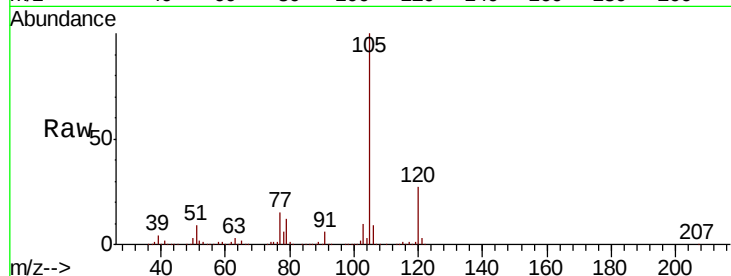
BFB

Tot Ion:105 Resp: 2632188

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 54.923 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Tgt Ion: 43 Resp: 802781

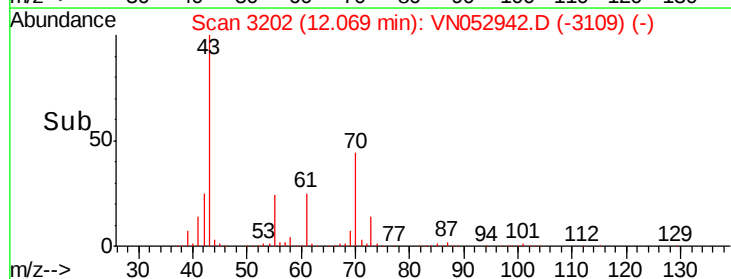
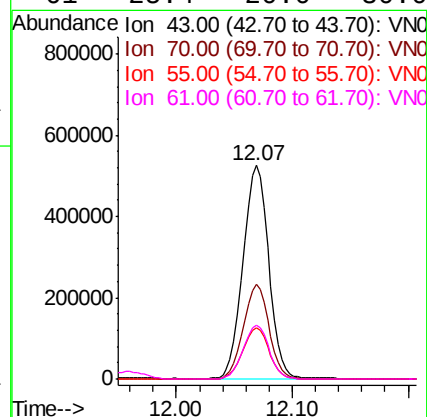
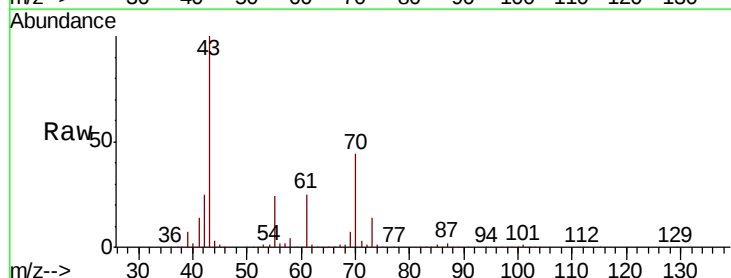
Ion Ratio Lower Upper

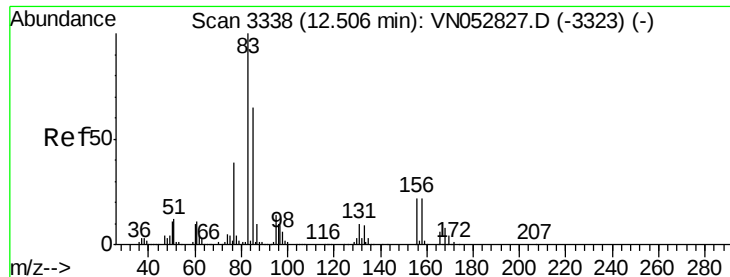
43 100

70 44.1 34.2 51.4

55 24.7 20.3 30.5

61 25.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.110 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampleId :

BFB

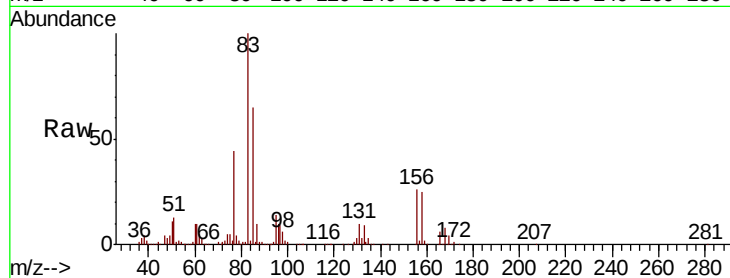
Tot Ion: 83 Resp: 538248

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

85 64.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN052942.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN052942.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN052942.D (-3245) (-)

12.51

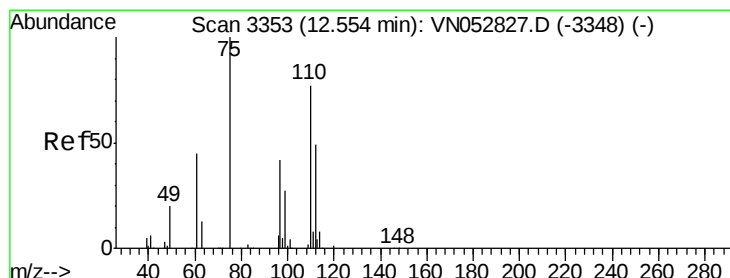
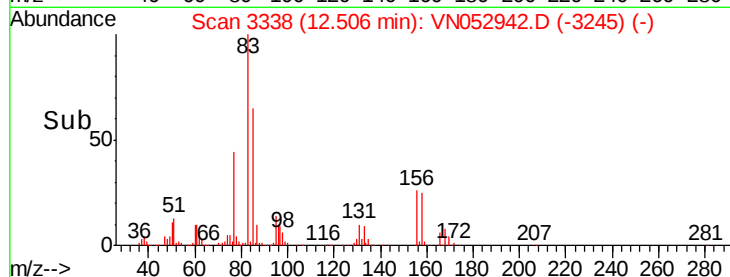
300000

200000

100000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 74.513 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052942.D

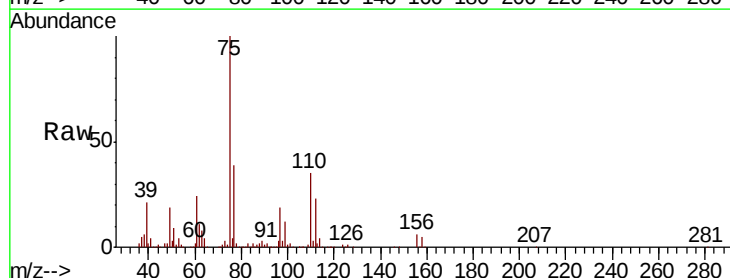
Acq: 17 Dec 2018 22:18

Tgt Ion: 75 Resp: 783913

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052942.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN052942.D (-3260) (-)

12.55

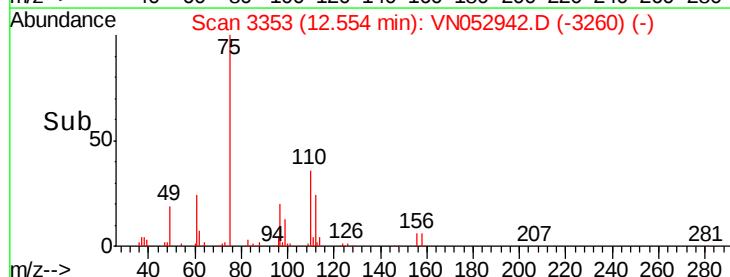
600000

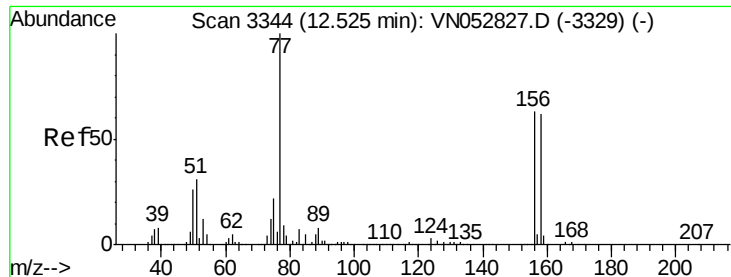
400000

200000

0

Time-->





#77

Bromobenzene

Concen: 49.907 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampled :

BFB

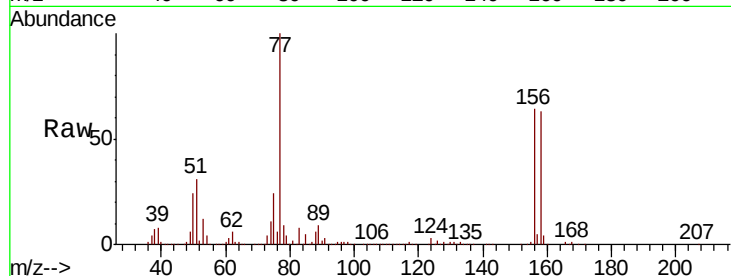
Tot Ion:156 Resp: 675814

Ion Ratio Lower Upper

156 100

77 181.0 91.3 273.8

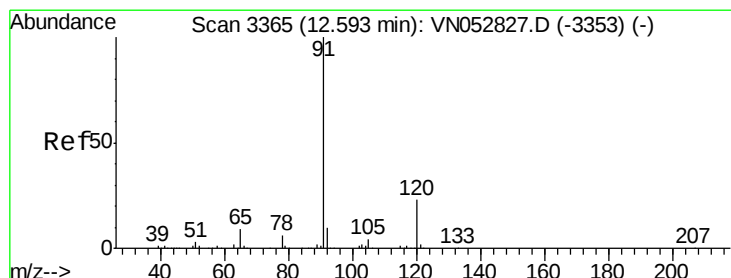
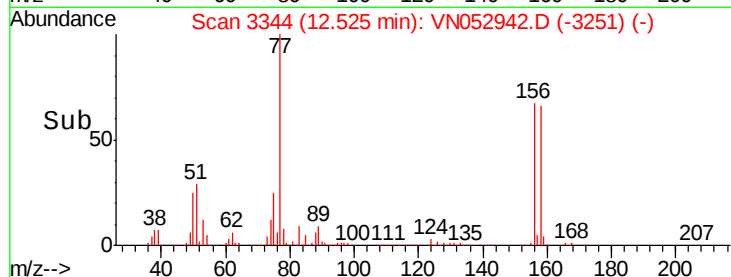
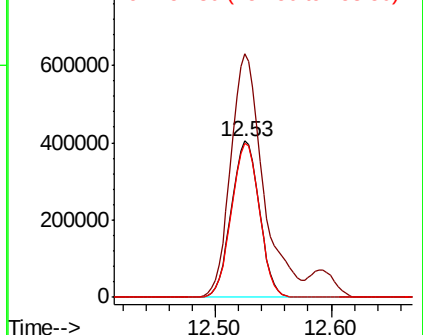
158 98.2 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.577 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052942.D

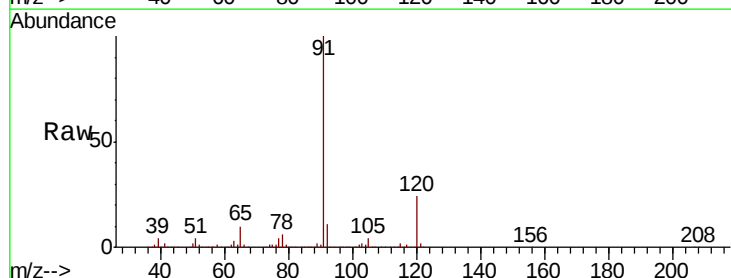
Acq: 17 Dec 2018 22:18

Tgt Ion: 91 Resp: 3010295

Ion Ratio Lower Upper

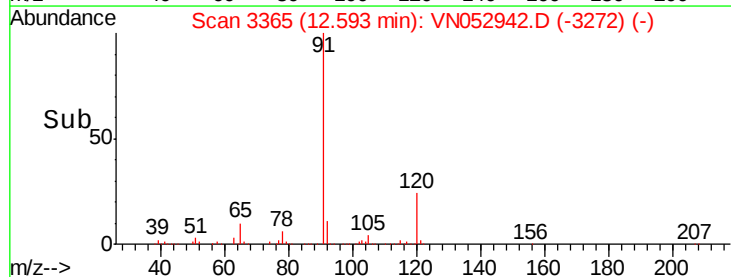
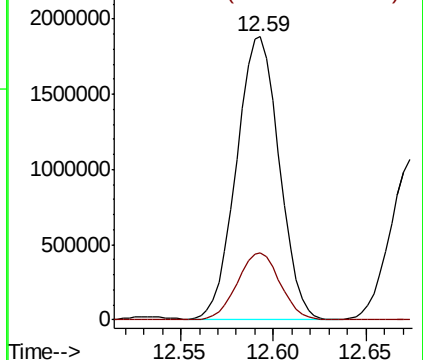
91 100

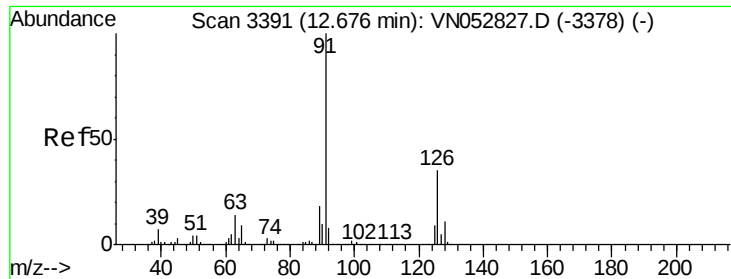
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.165 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampleId :

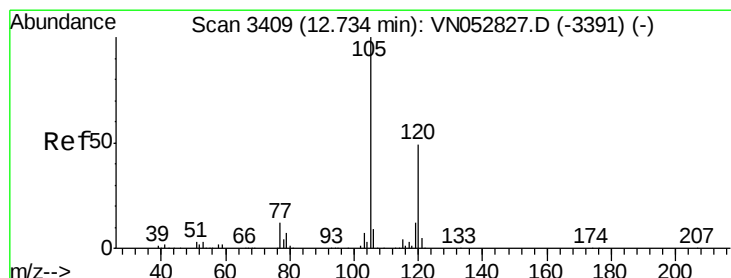
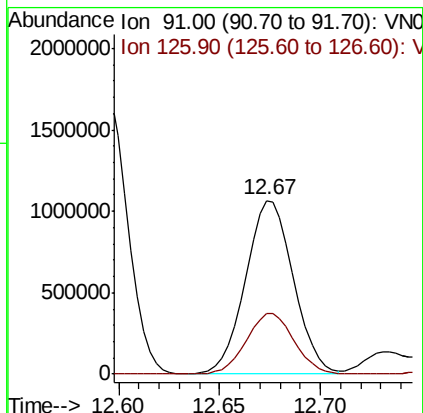
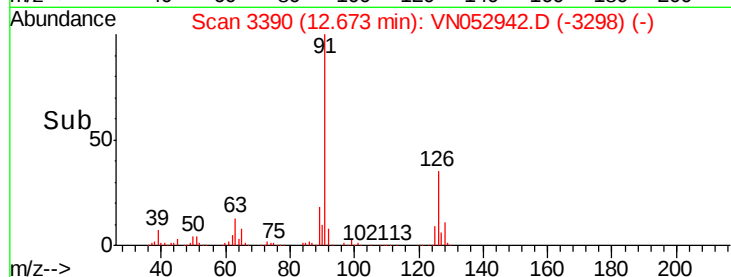
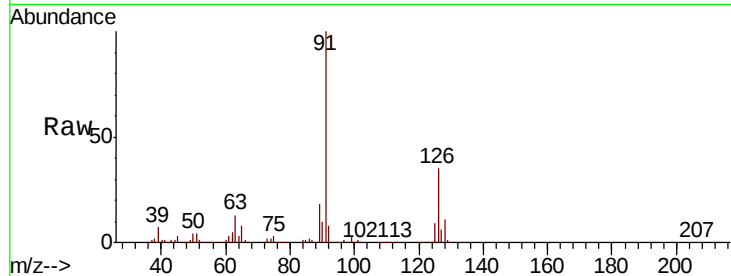
BFB

Tot Ion: 91 Resp: 1764844

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 49.736 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052942.D

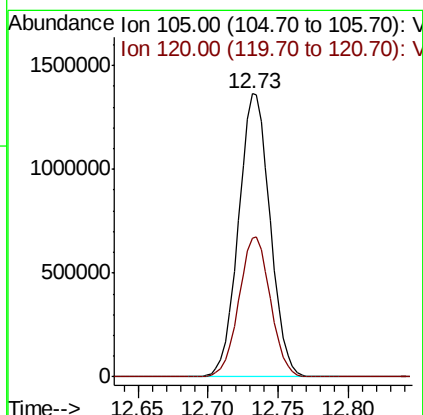
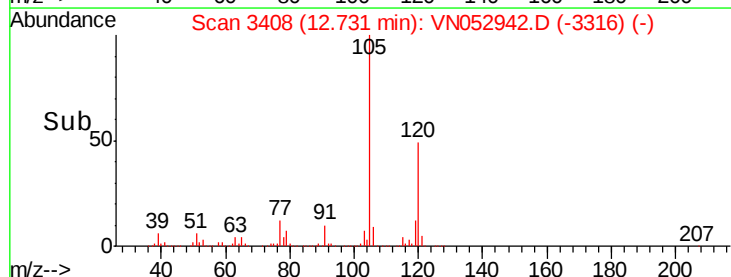
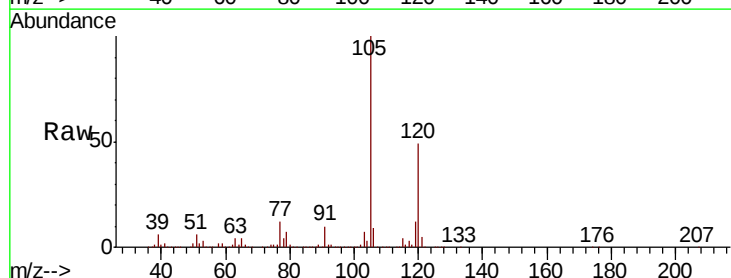
Acq: 17 Dec 2018 22:18

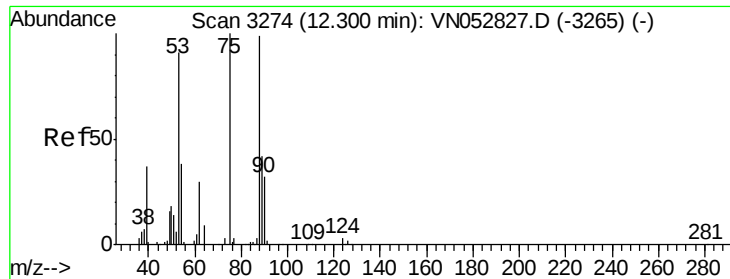
Tgt Ion:105 Resp: 2137548

Ion Ratio Lower Upper

105 100

120 49.3 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 55.970 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampled :

BFB

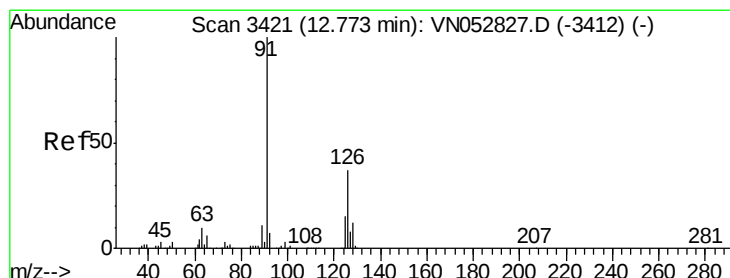
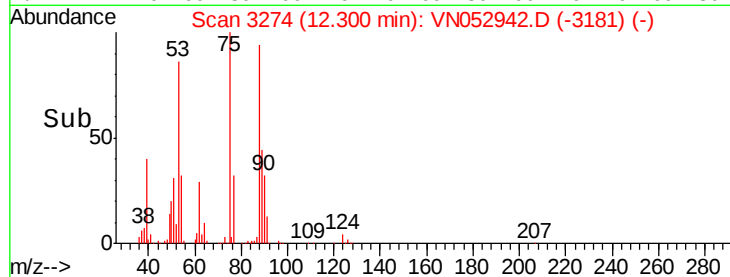
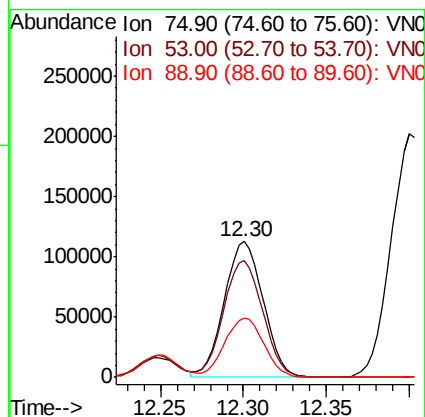
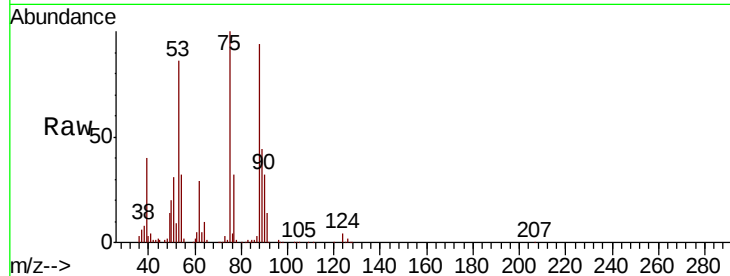
Tot Ion: 75 Resp: 183294

Ion Ratio Lower Upper

75 100

53 87.9 74.7 112.1

89 44.5 36.1 54.1



#82

4-Chlorotoluene

Concen: 49.294 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052942.D

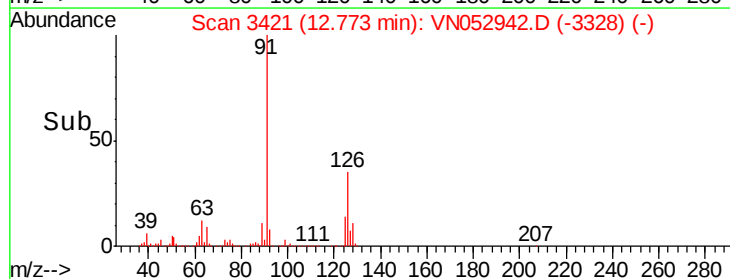
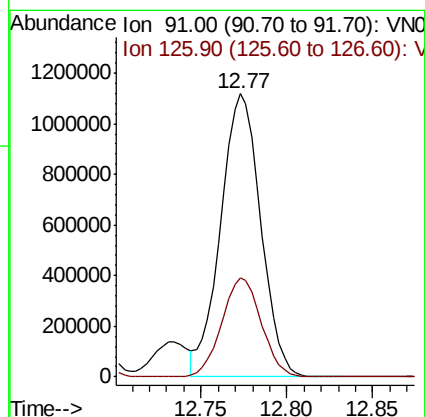
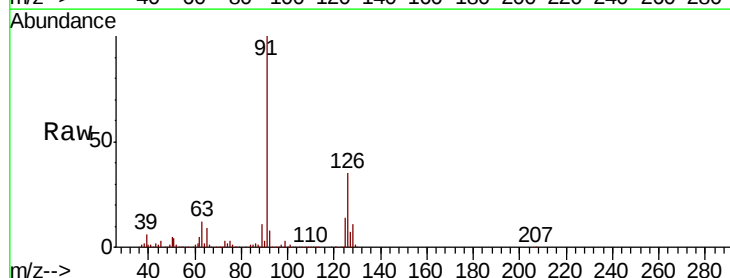
Acq: 17 Dec 2018 22:18

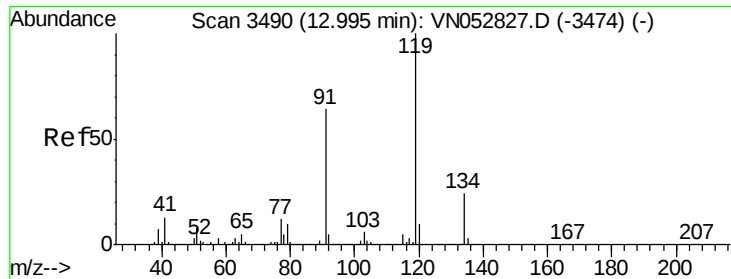
Tgt Ion: 91 Resp: 1809164

Ion Ratio Lower Upper

91 100

126 34.7 17.3 51.7

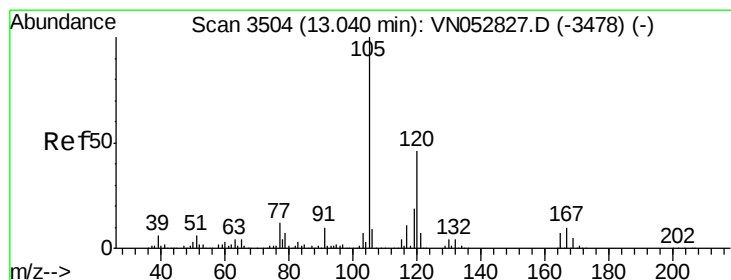
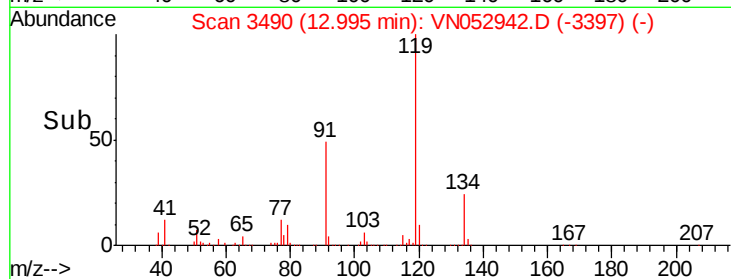
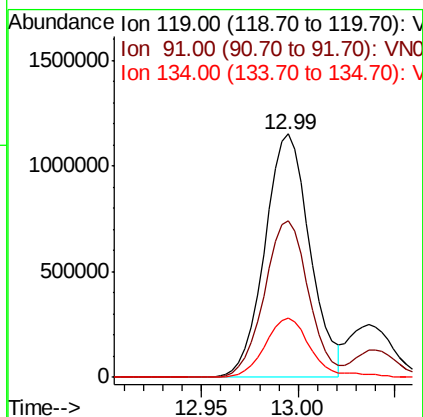
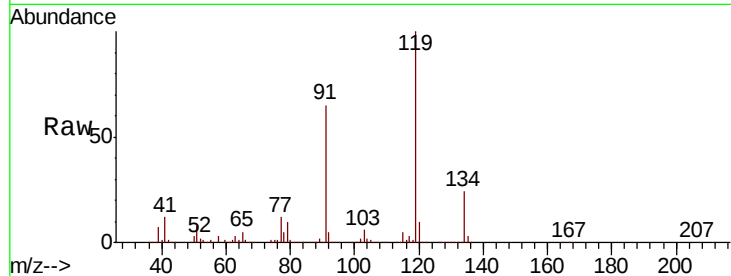




#83  
 tert-Butylbenzene  
 Concen: 49.477 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

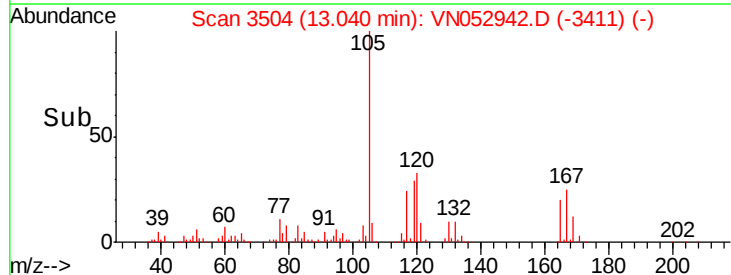
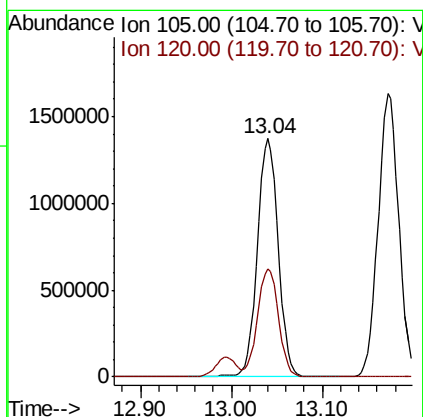
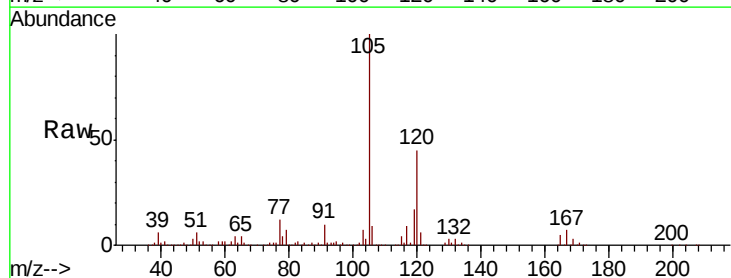
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 BFB

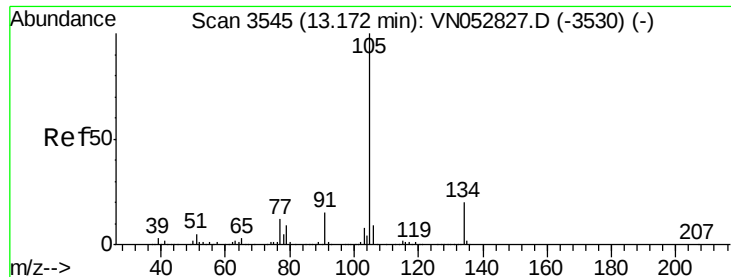
Tot Ion:119 Resp: 1875776  
 Ion Ratio Lower Upper  
 119 100  
 91 63.7 31.9 95.5  
 134 25.0 12.8 38.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.142 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

Tgt Ion:105 Resp: 2181655  
 Ion Ratio Lower Upper  
 105 100  
 120 45.7 22.9 68.8





#85

sec-Butylbenzene

Concen: 49.845 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampled :

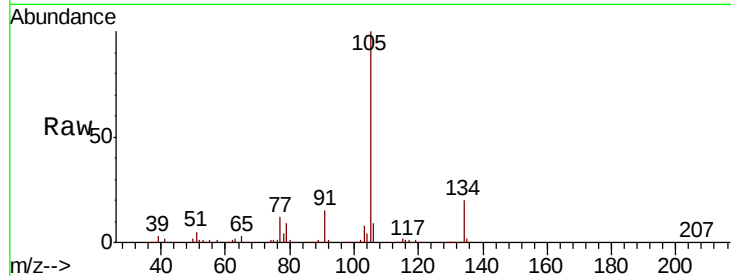
BFB

Tot Ion:105 Resp: 2559210

Ion Ratio Lower Upper

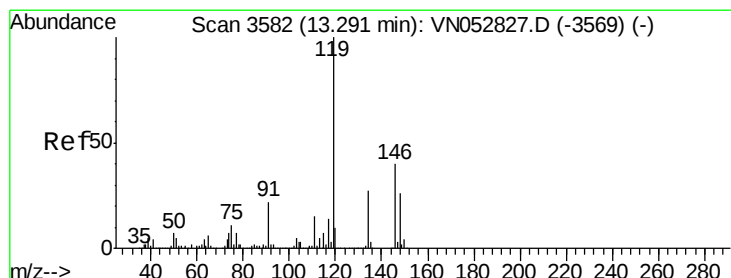
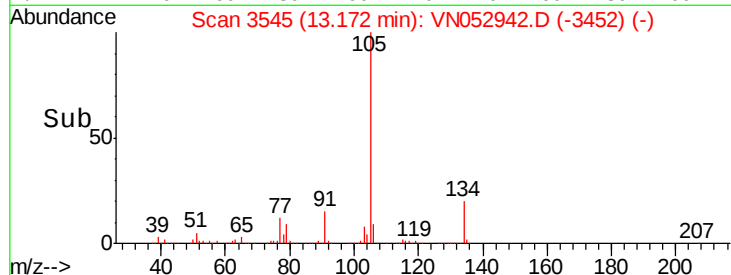
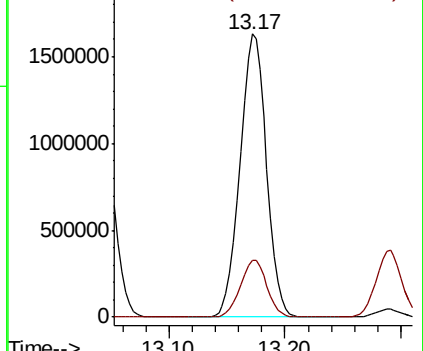
105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.856 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

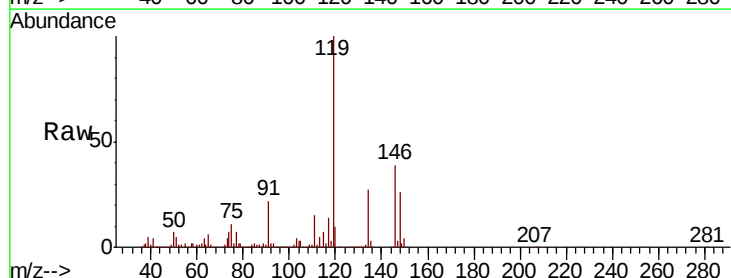
Tgt Ion:119 Resp: 2217733

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

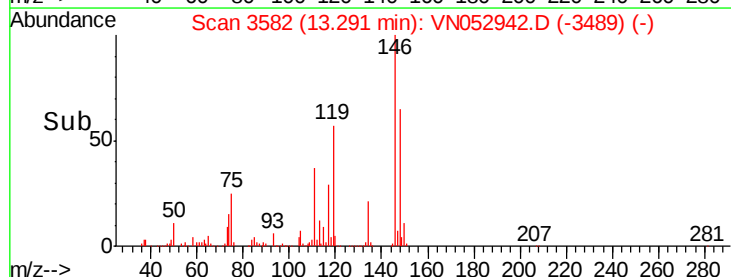
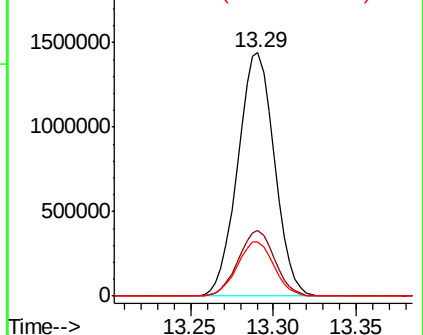
91 22.3 11.1 33.3

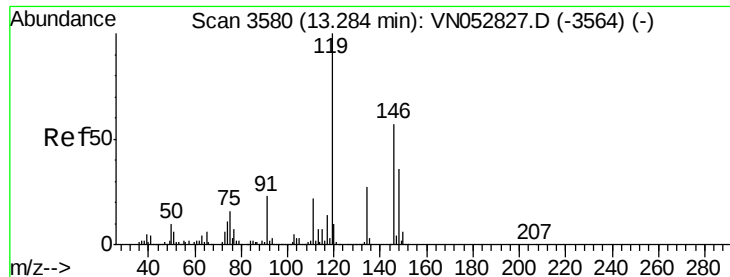


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

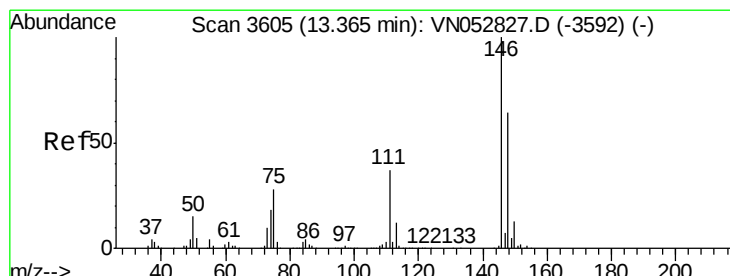
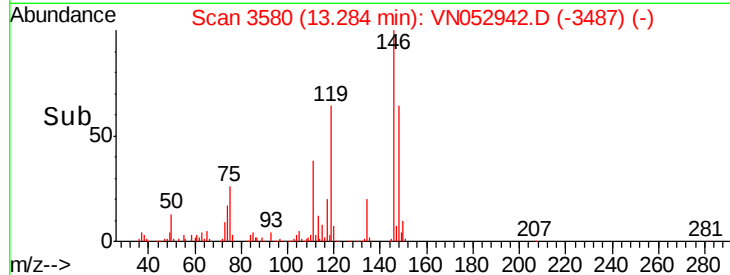
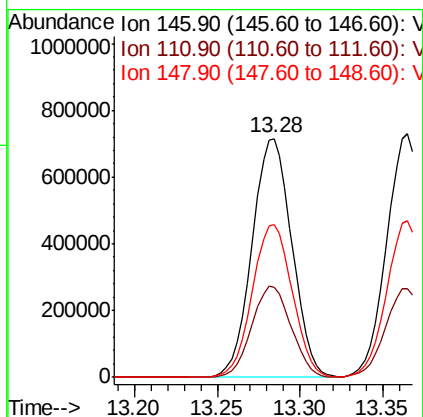
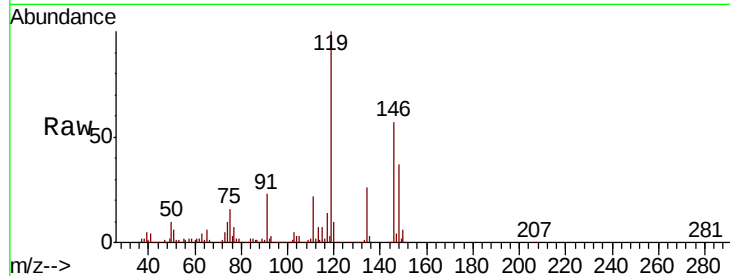




#87  
 1,3-Dichlorobenzene  
 Concen: 49.561 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

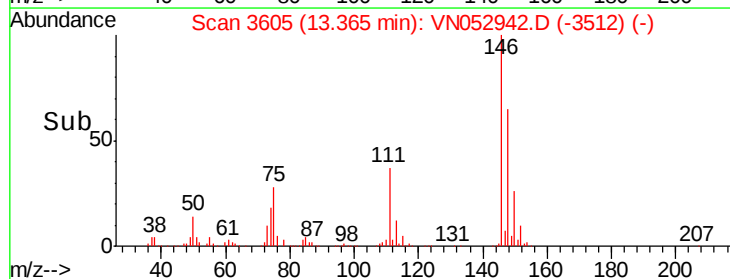
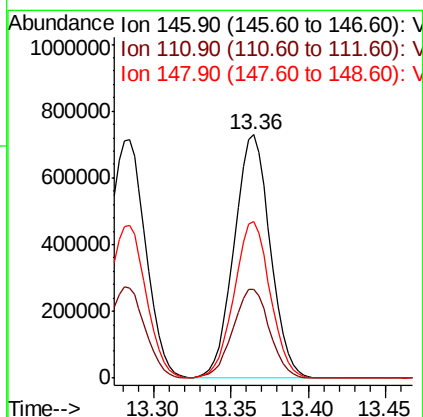
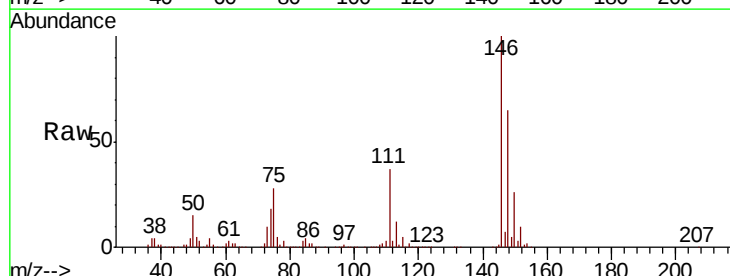
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BFB

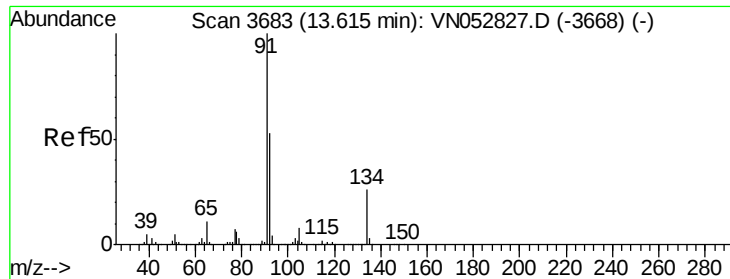
Tot Ion:146 Resp: 1192639  
 Ion Ratio Lower Upper  
 146 100  
 111 38.0 19.1 57.1  
 148 64.2 32.0 96.0



#88  
 1,4-Dichlorobenzene  
 Concen: 49.458 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

Tgt Ion:146 Resp: 1178625  
 Ion Ratio Lower Upper  
 146 100  
 111 37.3 18.6 55.8  
 148 64.4 32.1 96.5

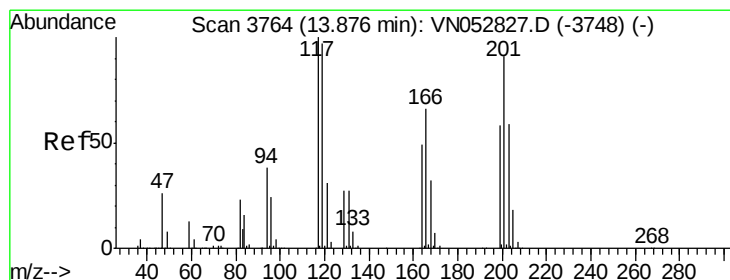
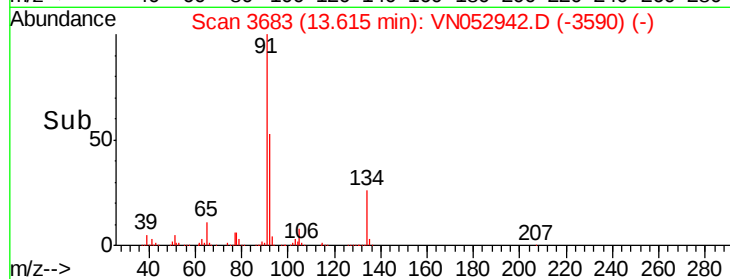
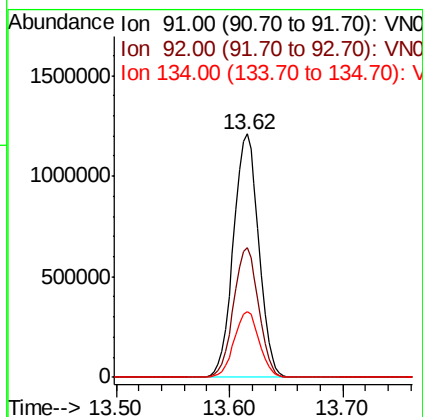
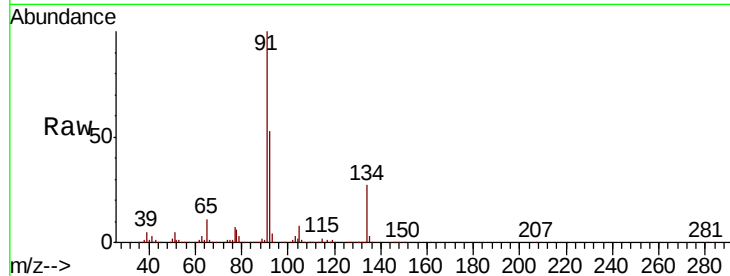




#89  
n-Butylbenzene  
Concen: 50.232 ug/l  
RT: 13.62 min Scan# 3683  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

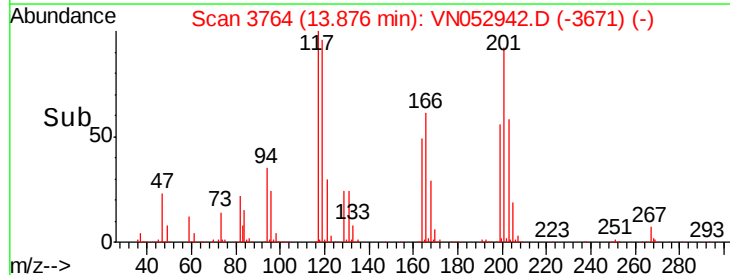
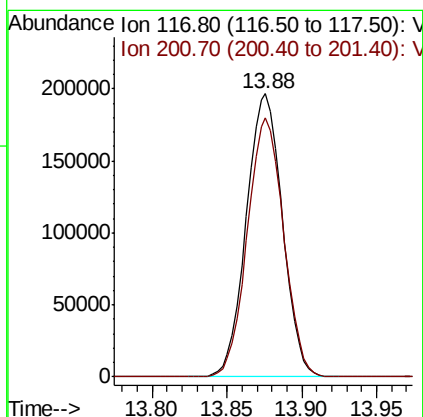
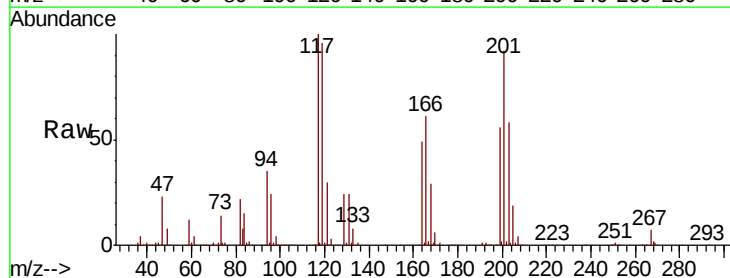
Instrument :  
MSVOA\_N  
ClientSampleId :  
BFB

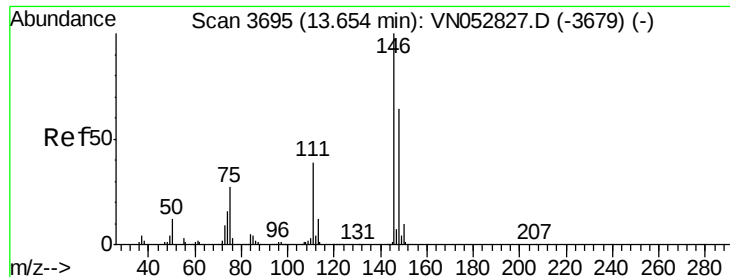
Tot Ion: 91 Resp: 1881056  
Ion Ratio Lower Upper  
91 100  
92 52.9 26.3 78.9  
134 26.9 13.3 39.8



#90  
Hexachloroethane  
Concen: 44.288 ug/l  
RT: 13.88 min Scan# 3764  
Delta R.T. 0.00 min  
Lab File: VN052942.D  
Acq: 17 Dec 2018 22:18

Tgt Ion: 117 Resp: 329885  
Ion Ratio Lower Upper  
117 100  
201 91.9 45.7 137.1

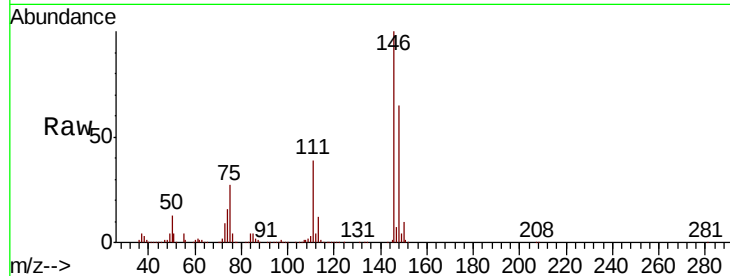




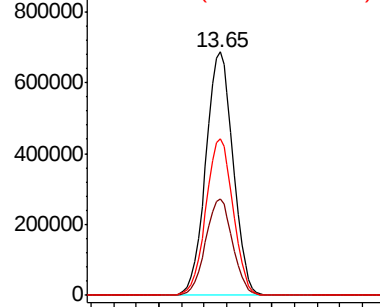
#91  
 1,2-Dichlorobenzene  
 Concen: 49.636 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BFB

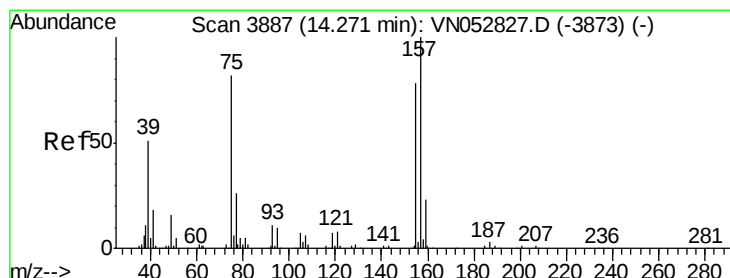
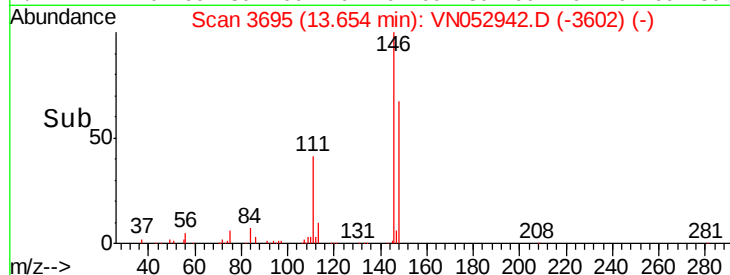
Tot Ion:146 Resp: 1148978  
 Ion Ratio Lower Upper  
 146 100  
 111 39.2 19.7 59.0  
 148 64.1 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

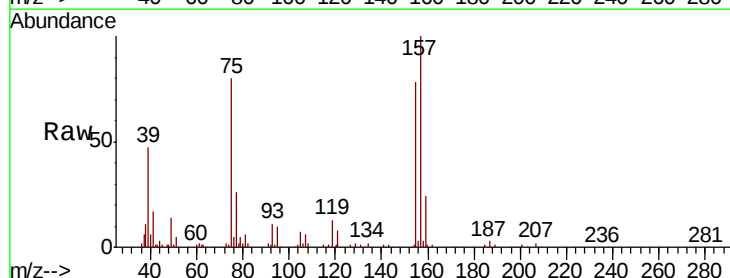


Time-->

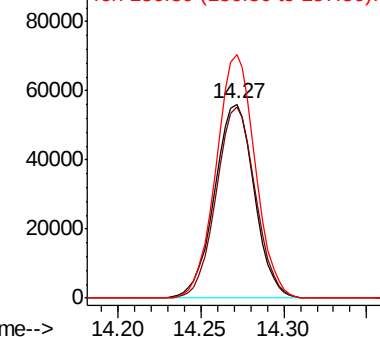


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.877 ug/l  
 RT: 14.27 min Scan# 3887  
 Delta R.T. 0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

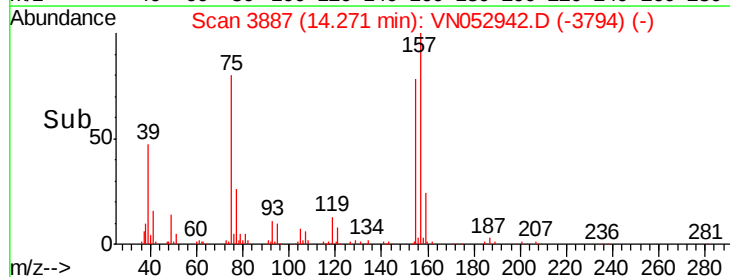
Tgt Ion: 75 Resp: 93306  
 Ion Ratio Lower Upper  
 75 100  
 155 97.3 48.2 144.6  
 157 124.1 61.2 183.5

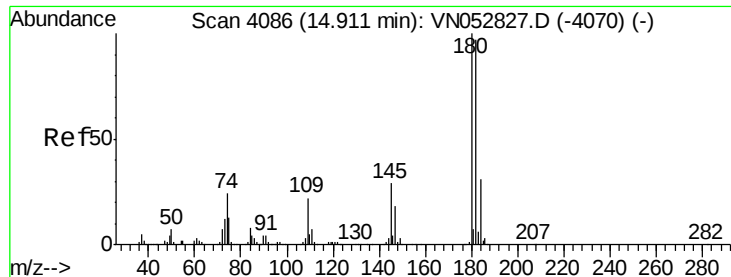


Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V



Time-->

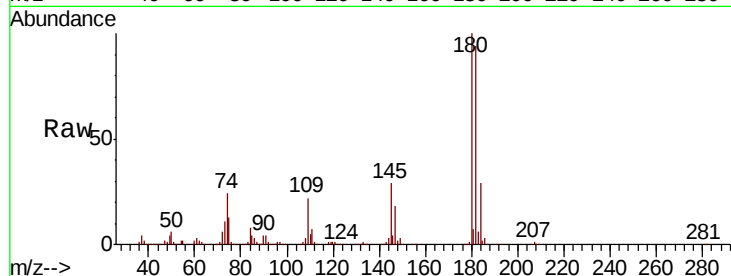




#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.760 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. -0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 BFB

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.9  | 47.8  | 143.3 |
| 145     | 28.6  | 14.2  | 42.6  |

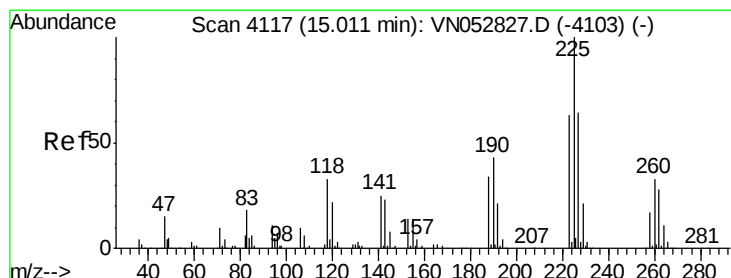
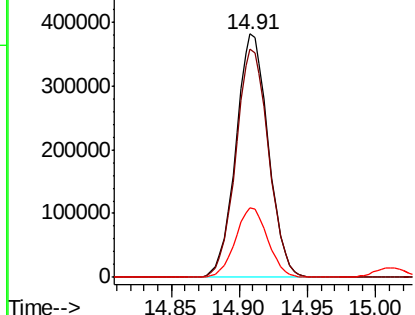
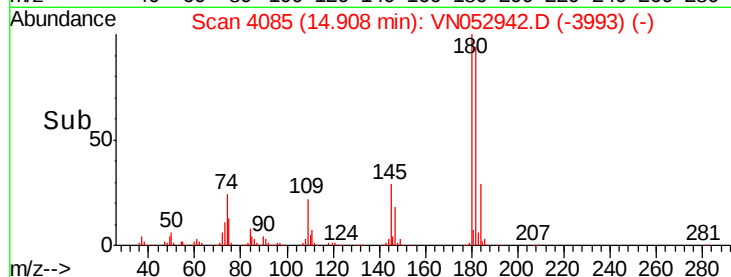


Abundance

Ion 179.80 (179.50 to 180.50): V

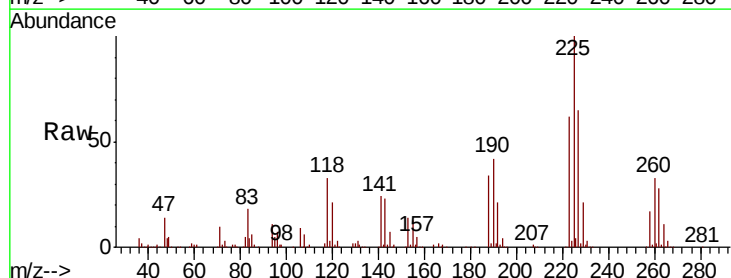
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 46.511 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN052942.D  
 Acq: 17 Dec 2018 22:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.2  | 31.5  | 94.5  |
| 227     | 64.8  | 31.9  | 95.7  |

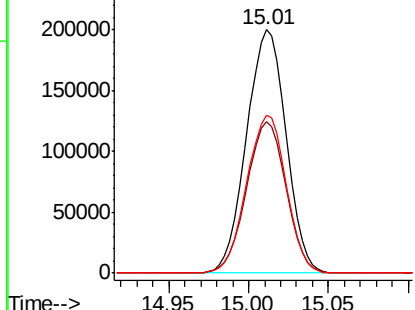
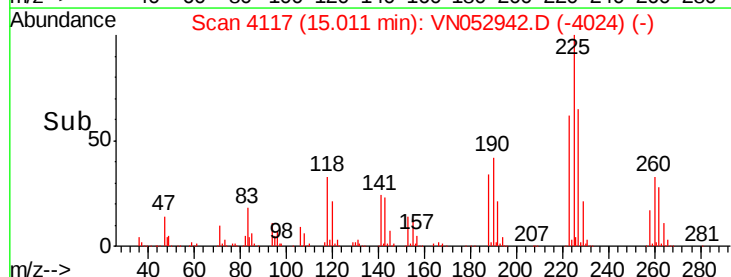


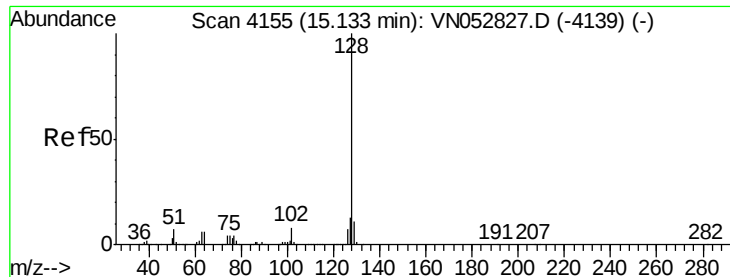
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.476 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

Instrument :

MSVOA\_N

ClientSampleId :

BFB

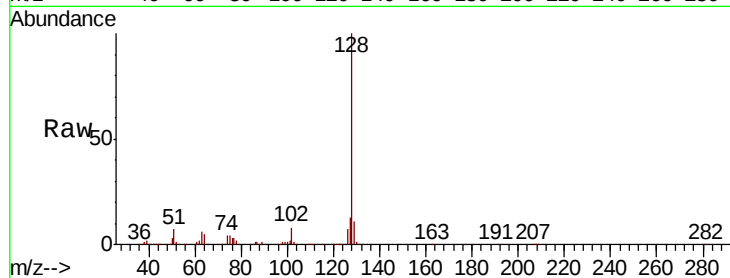
Tot Ion:128 Resp: 1393623

Ion Ratio Lower Upper

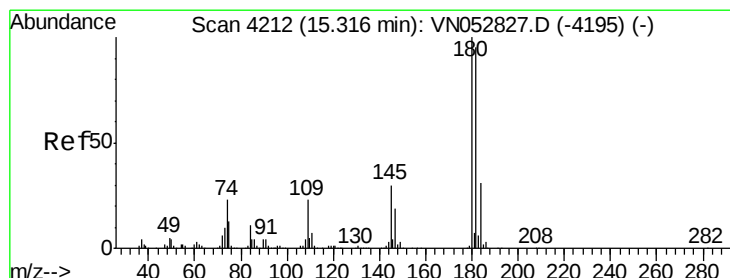
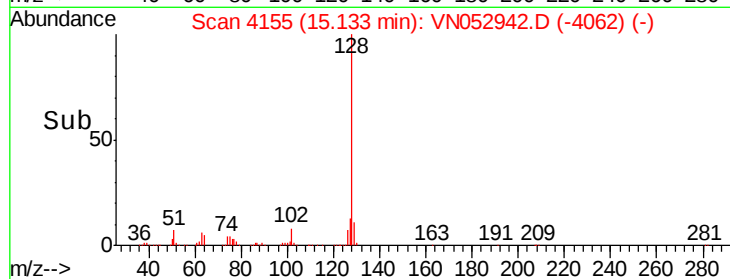
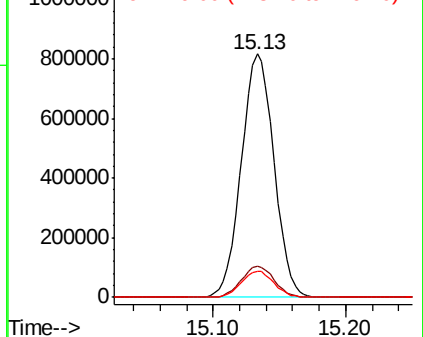
128 100

127 12.8 10.2 15.4

129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.448 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052942.D

Acq: 17 Dec 2018 22:18

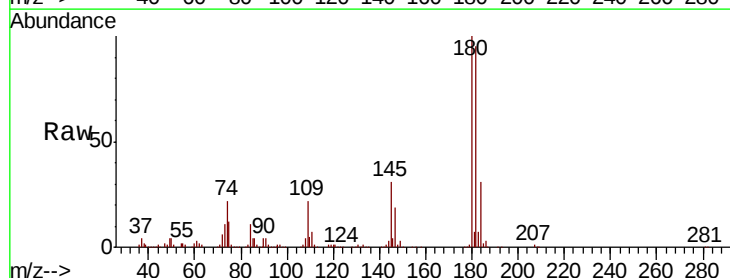
Tgt Ion:180 Resp: 559368

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.7

145 30.3 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

