

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\  
 Data File : VN056329.D  
 Acq On : 17 Jun 2019 10:01  
 Operator : JC/SP  
 Sample : VSTDICCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 18 03:20:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061719W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 18 03:14:11 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 357897   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 539284   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 492803   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 215491   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 201162   | 41.18 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 82.36% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 177932   | 40.18 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 80.36% |          |
| 50) Toluene-d8              | 10.09 | 98   | 678955   | 39.97 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 79.94% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 231762   | 39.93 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 79.86% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 166554   | 40.506  | ug/l  | 100    |
| 3) Chloromethane              | 2.06 | 50   | 214244   | 42.959  | ug/l  | 100    |
| 4) Vinyl Chloride             | 2.18 | 62   | 212312   | 42.685  | ug/l  | 100    |
| 5) Bromomethane               | 2.53 | 94   | 120460   | 39.381  | ug/l  | 100    |
| 6) Chloroethane               | 2.68 | 64   | 121680   | 42.269  | ug/l  | 100    |
| 7) Trichlorofluoromethane     | 3.00 | 101  | 264502   | 41.609  | ug/l  | 100    |
| 8) Diethyl Ether              | 3.40 | 74   | 104780   | 40.718  | ug/l  | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101  | 165554   | 42.332  | ug/l  | 100    |
| 10) Methyl Iodide             | 3.94 | 142  | 230030   | 37.954  | ug/l  | 100    |
| 11) Tert butyl alcohol        | 4.81 | 59   | 169382   | 202.965 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 3.72 | 96   | 165819   | 42.505  | ug/l  | 100    |
| 13) Acrolein                  | 3.60 | 56   | 45267    | 193.329 | ug/l  | 100    |
| 14) Allyl chloride            | 4.31 | 41   | 284349   | 44.116  | ug/l  | 100    |
| 15) Acrylonitrile             | 4.99 | 53   | 469867   | 226.506 | ug/l  | 100    |
| 16) Acetone                   | 3.82 | 43   | 564795   | 233.097 | ug/l  | 100    |
| 17) Carbon Disulfide          | 4.04 | 76   | 450469   | 45.066  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.33 | 43   | 193488   | 39.851  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 521443   | 42.045  | ug/l  | 100    |
| 20) Methylene Chloride        | 4.54 | 84   | 194215   | 42.322  | ug/l  | 100    |
| 21) trans-1,2-Dichloroethene  | 5.03 | 96   | 179003   | 42.548  | ug/l  | 100    |
| 22) Diisopropyl ether         | 5.95 | 45   | 558802   | 42.853  | ug/l  | 100    |
| 23) Vinyl Acetate             | 5.90 | 43   | 2367196  | 224.681 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 325656   | 43.290  | ug/l  | 100    |
| 25) 2-Butanone                | 6.84 | 43   | 706042   | 232.149 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 6.82 | 77   | 232208   | 41.246  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 207771   | 42.268  | ug/l  | 100    |
| 28) Bromochloromethane        | 7.19 | 49   | 163634   | 44.877  | ug/l  | 100    |
| 29) Tetrahydrofuran           | 7.22 | 42   | 411002   | 224.556 | ug/l  | 100    |
| 30) Chloroform                | 7.37 | 83   | 322398   | 42.931  | ug/l  | 100    |
| 31) Cyclohexane               | 7.65 | 56   | 304568   | 39.708  | ug/l  | 100    |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 269466   | 43.013  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 243731   | 40.805  | ug/l  | 100    |
| 37) Ethyl Acetate             | 6.93 | 43   | 249451   | 44.499  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 233731   | 41.964  | ug/l  | 100    |

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 Quant Title : SW846 8260  
 QLast Update : Tue Jun 18 03:14:11 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 303992   | 41.097  | ug/l   | 100      |
| 40) Benzene                    | 8.04  | 78   | 755032   | 41.671  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 116554   | 44.289  | ug/l   | 100      |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 246928   | 41.915  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.17  | 43   | 379970   | 42.956  | ug/l   | 100      |
| 44) Trichloroethene            | 8.83  | 130  | 203203   | 40.116  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 201589   | 42.577  | ug/l   | 100      |
| 46) Dibromomethane             | 9.21  | 93   | 131709   | 42.482  | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.40  | 83   | 251761   | 43.715  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.20  | 41   | 192309   | 43.554  | ug/l   | 100      |
| 49) 1,4-Dioxane                | 9.20  | 88   | 78440    | 849.269 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 1229816  | 218.049 | ug/l   | 100      |
| 52) Toluene                    | 10.16 | 92   | 470430   | 41.787  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 259490   | 43.714  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 297215   | 43.586  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 187308   | 41.874  | ug/l   | 100      |
| 56) Ethyl methacrylate         | 10.43 | 69   | 286027   | 42.778  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 316773   | 42.720  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 456928   | 202.612 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 907885   | 219.918 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.90 | 129  | 202489   | 44.433  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 197316   | 42.448  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.63 | 164  | 199185   | 38.410  | ug/l   | 100      |
| 65) Chlorobenzene              | 11.43 | 112  | 501669   | 40.452  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 184280   | 42.168  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.51 | 91   | 887047   | 40.967  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 675296   | 81.872  | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 329432   | 40.736  | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 555111   | 42.233  | ug/l   | 100      |
| 71) Bromoform                  | 12.13 | 173  | 151503   | 44.792  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 865218   | 39.557  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 319621   | 42.245  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 267263   | 41.208  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 317127   | 60.993  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 227732   | 39.457  | ug/l   | 100      |
| 78) n-propylbenzene            | 12.59 | 91   | 952772   | 40.778  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 570884   | 39.492  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 719558   | 39.517  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 73133    | 41.767  | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 560601   | 40.912  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 616285   | 38.632  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 698123   | 40.345  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 819091   | 40.169  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 728568   | 40.175  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 365303   | 40.533  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 350499   | 40.347  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.61 | 91   | 557534   | 40.818  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.87 | 117  | 128452   | 43.374  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 360600   | 40.046  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 44670    | 45.467  | ug/l   | 100      |

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ClientSampleId :

Quant Time: Jun 18 03:20:27 2019  
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Quant Title : SW846 8260  
QLast Update : Tue Jun 18 03:14:11 2019  
Response via : Initial Calibration

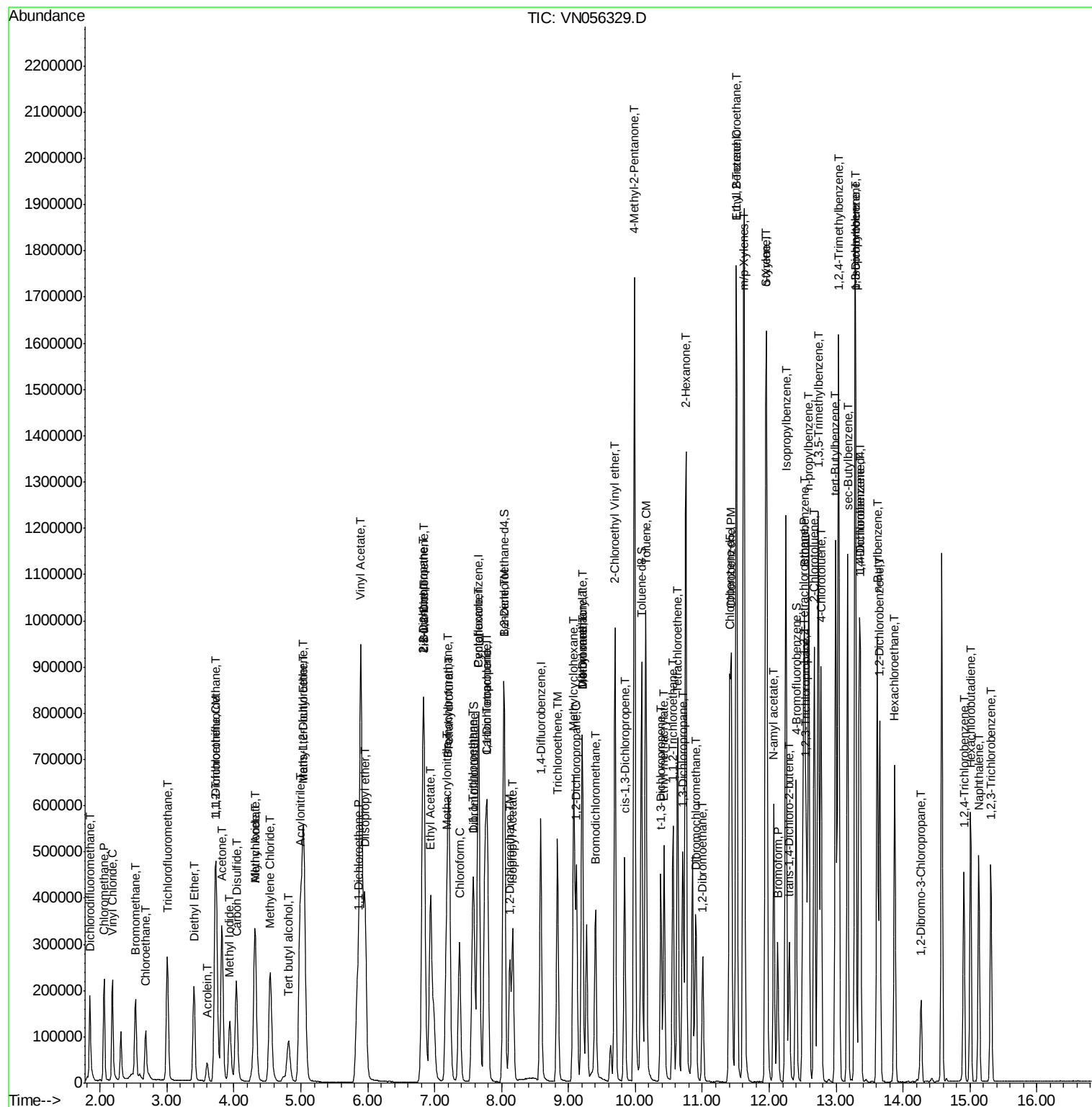
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 160977   | 39.474 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 127917   | 37.492 | ug/l  | 100      |
| 95) Naphthalene            | 15.13 | 128  | 437687   | 40.715 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 179440   | 40.768 | ug/l  | 100      |

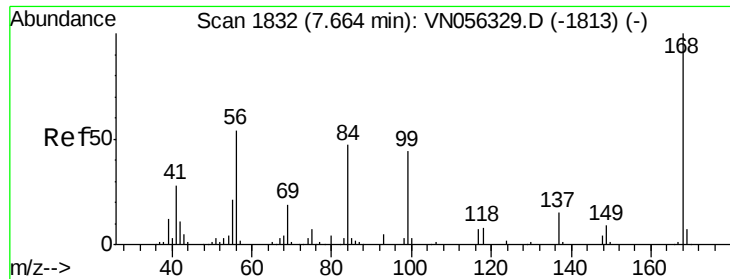
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Instrument :  
MSVOA\_N  
ClientSampled :

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :

MSVOA\_N

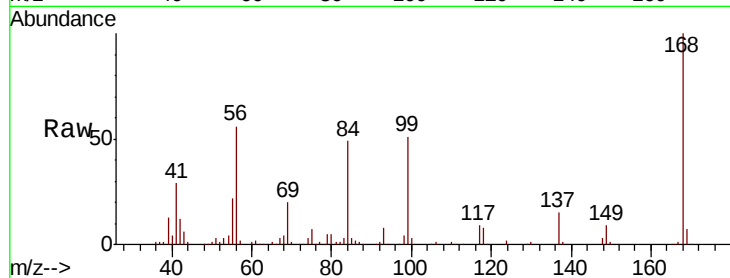
ClientSampleId :

Tot Ion:168 Resp: 357897

Ion Ratio Lower Upper

168 100

99 50.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN056329.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN056329.D (-1813) (-)

7.66

150000

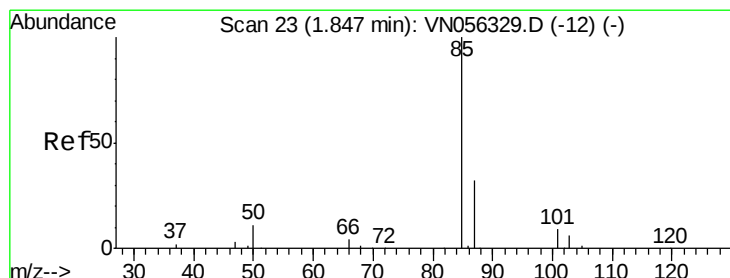
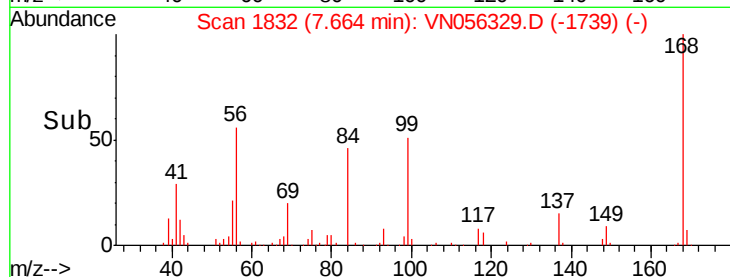
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50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 40.506 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056329.D

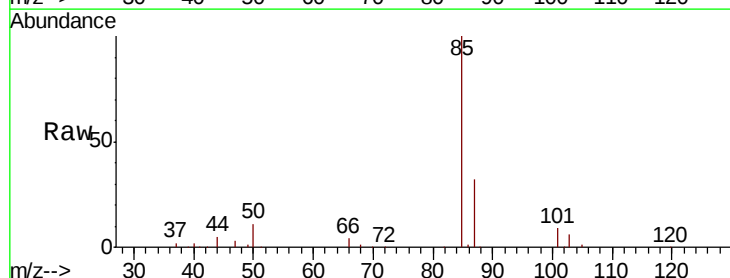
Acq: 17 Jun 2019 10:01

Tgt Ion: 85 Resp: 166554

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN056329.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN056329.D (-12) (-)

1.85

120000

100000

80000

60000

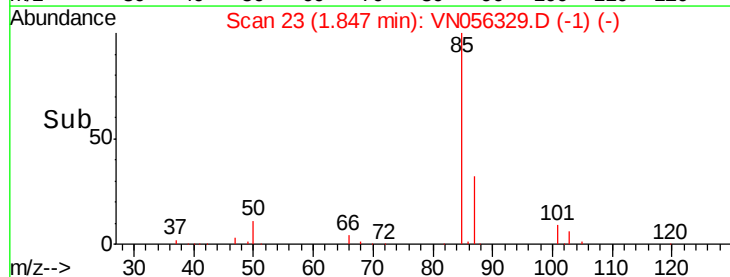
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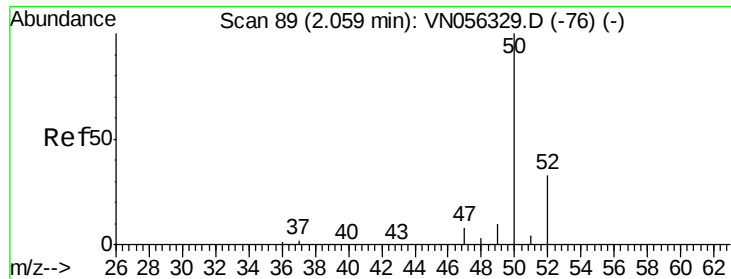
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1.80 1.90 2.00

Time-->

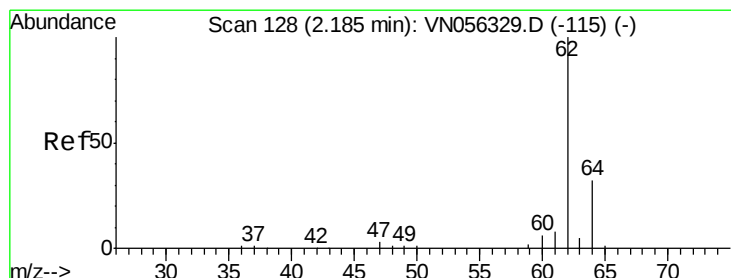
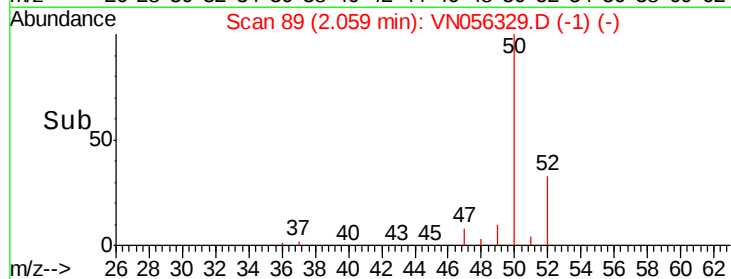
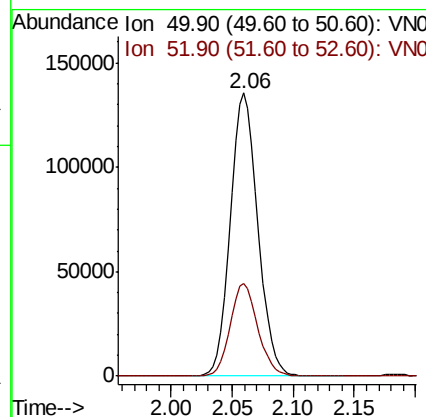
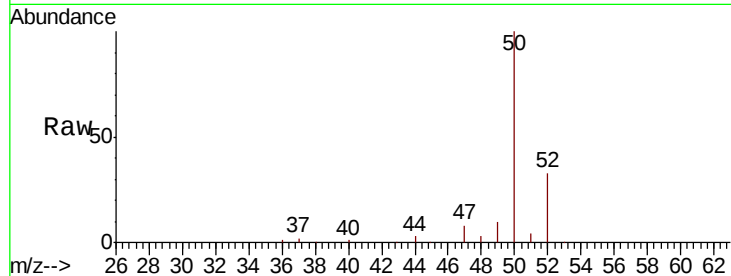




#3  
Chloromethane  
Concen: 42.959 ug/l  
RT: 2.06 min Scan# 89  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

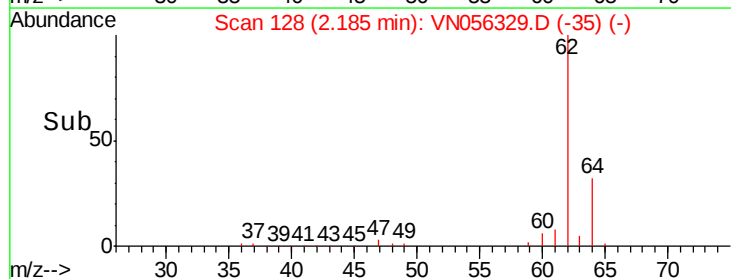
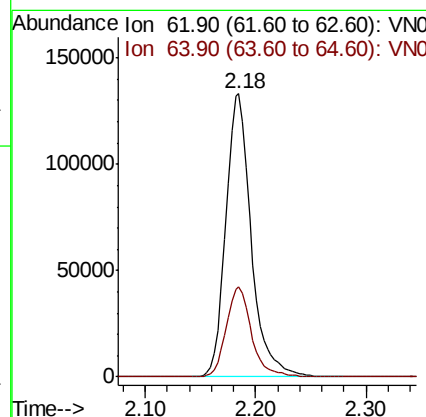
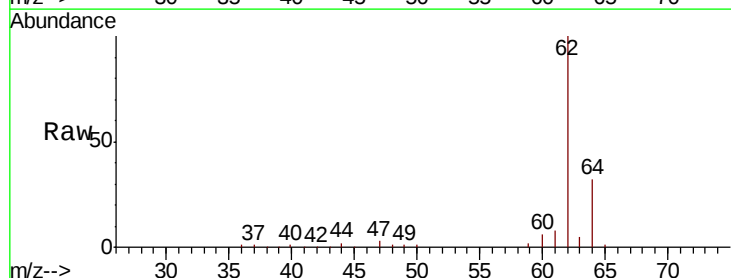
Instrument :  
MSVOA\_N  
ClientSampled :

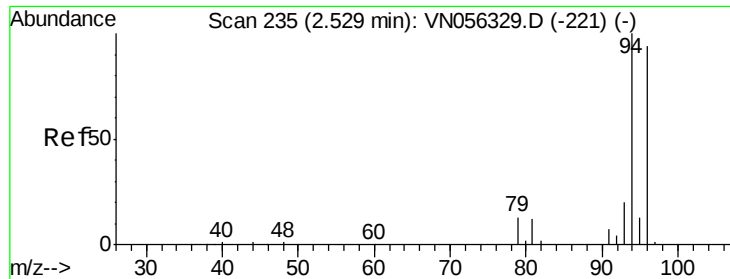
Tot Ion: 50 Resp: 214244  
Ion Ratio Lower Upper  
50 100  
52 32.9 26.3 39.5



#4  
Vinyl Chloride  
Concen: 42.685 ug/l  
RT: 2.18 min Scan# 128  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Tgt Ion: 62 Resp: 212312  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.7 38.5

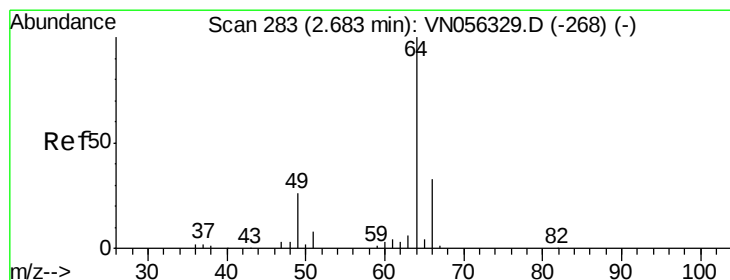
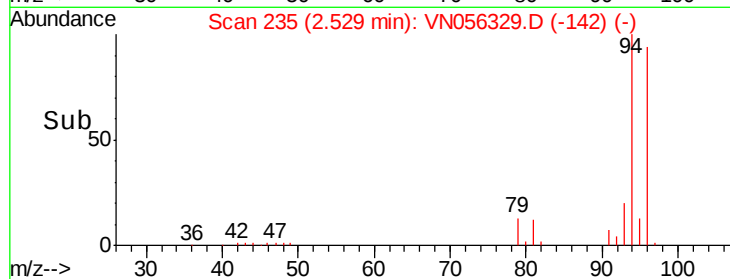
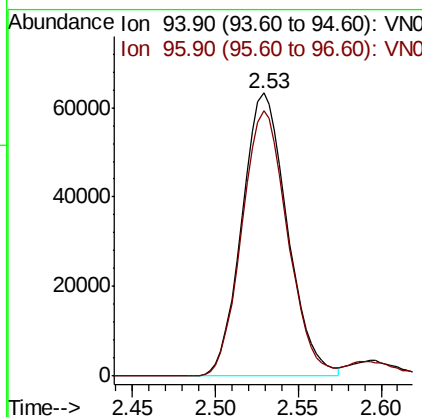
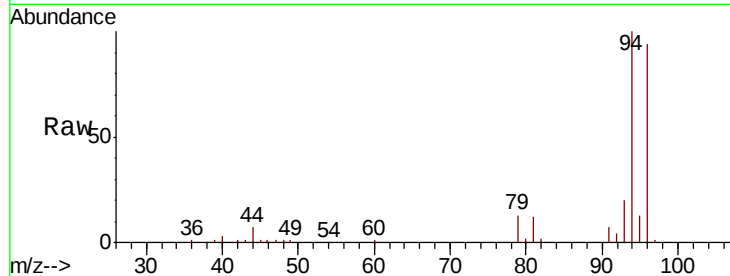




#5  
Bromomethane  
Concen: 39.381 ug/l  
RT: 2.53 min Scan# 235  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

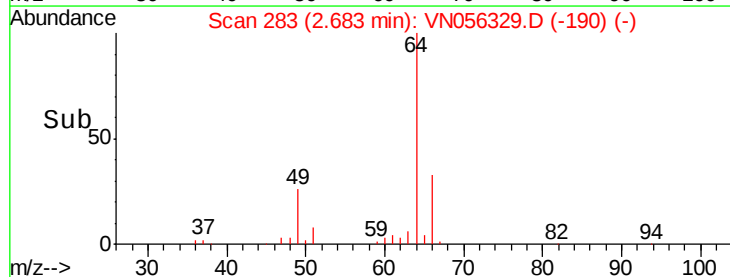
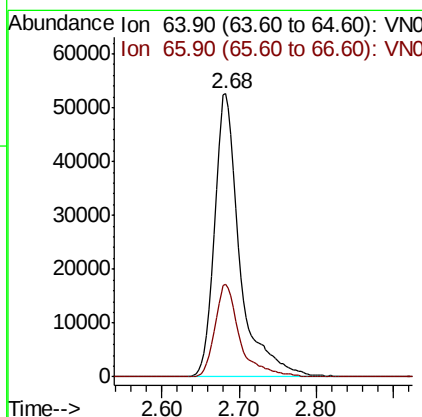
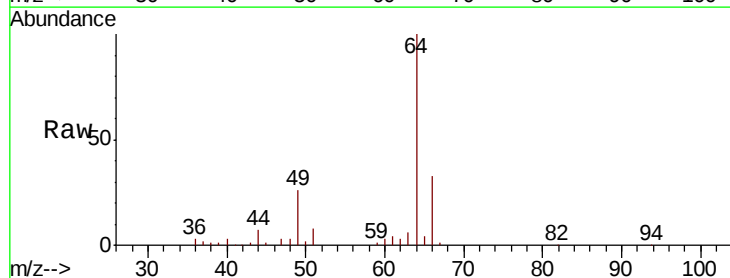
Instrument :  
MSVOA\_N  
ClientSampleId :

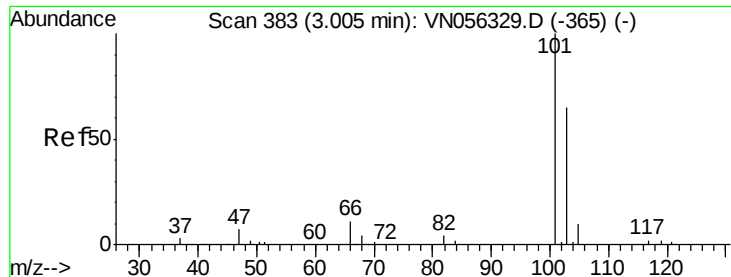
Tot Ion: 94 Resp: 120460  
Ion Ratio Lower Upper  
94 100  
96 93.6 74.9 112.3



#6  
Chloroethane  
Concen: 42.269 ug/l  
RT: 2.68 min Scan# 283  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Tgt Ion: 64 Resp: 121680  
Ion Ratio Lower Upper  
64 100  
66 32.9 26.3 39.5



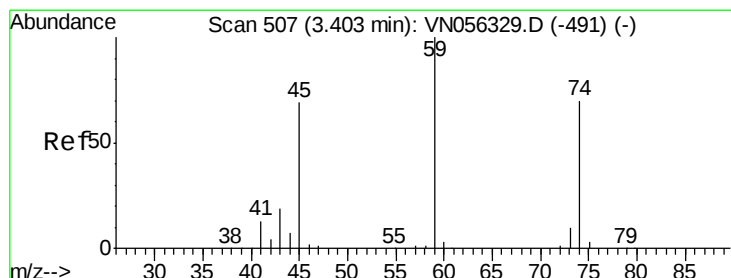
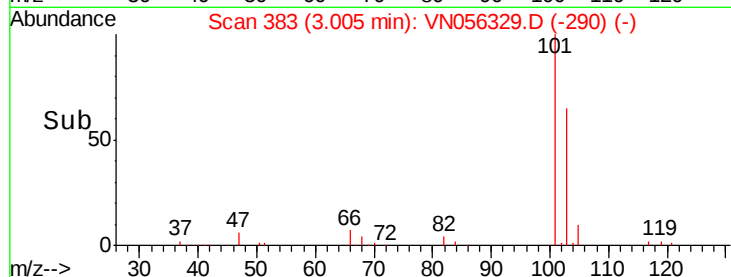
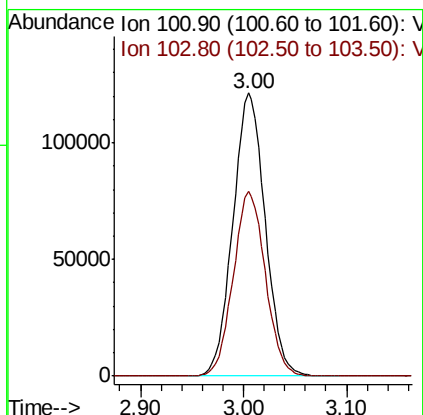
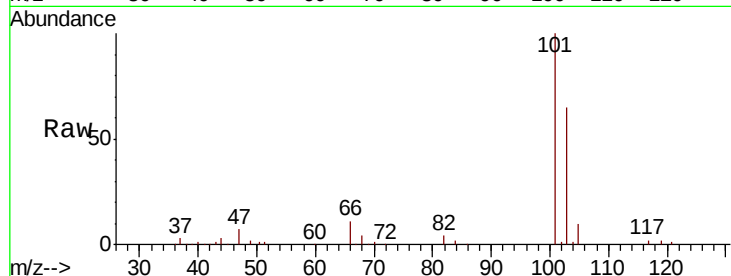


#7

Trichlorofluoromethane  
Concen: 41.609 ug/l  
RT: 3.00 min Scan# 383  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Instrument :  
MSVOA\_N  
ClientSampled :

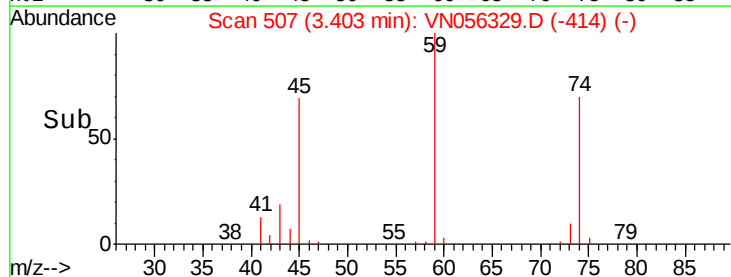
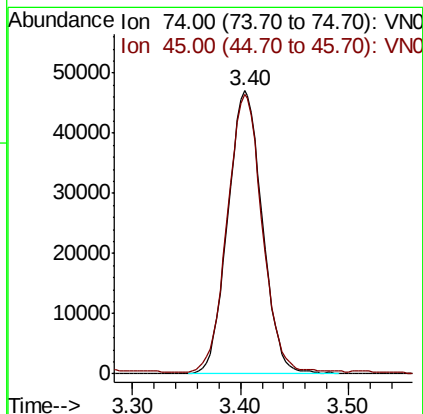
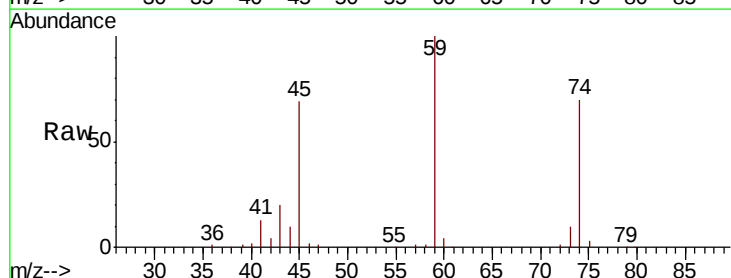
Tot Ion:101 Resp: 264502  
Ion Ratio Lower Upper  
101 100  
103 65.1 52.1 78.1

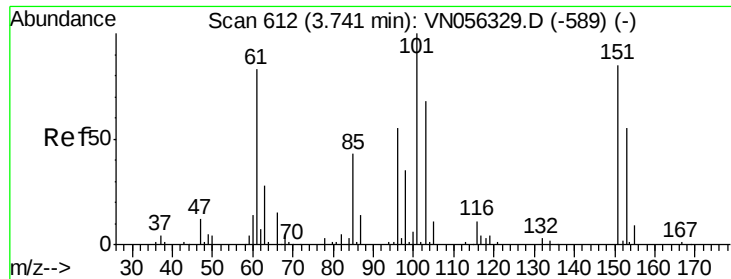


#8

Diethyl Ether  
Concen: 40.718 ug/l  
RT: 3.40 min Scan# 507  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Tgt Ion: 74 Resp: 104780  
Ion Ratio Lower Upper  
74 100  
45 98.0 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.332 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :

MSVOA\_N

ClientSampled :

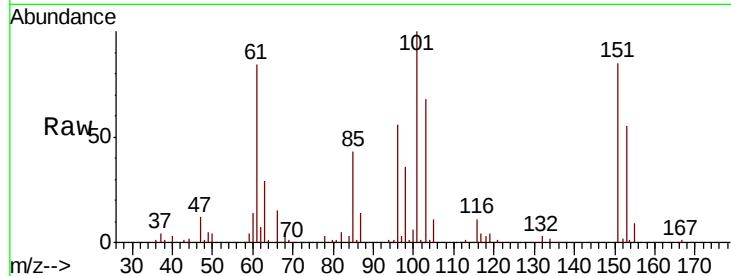
Tot Ion:101 Resp: 165554

Ion Ratio Lower Upper

101 100

85 42.3 33.8 50.8

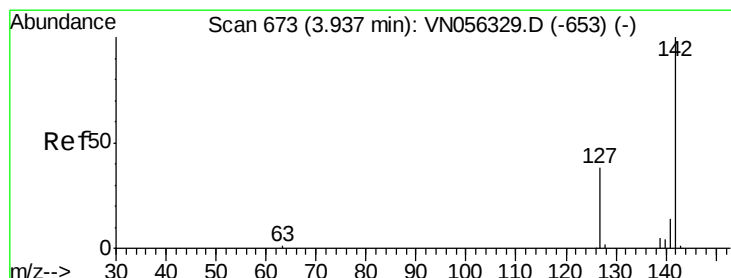
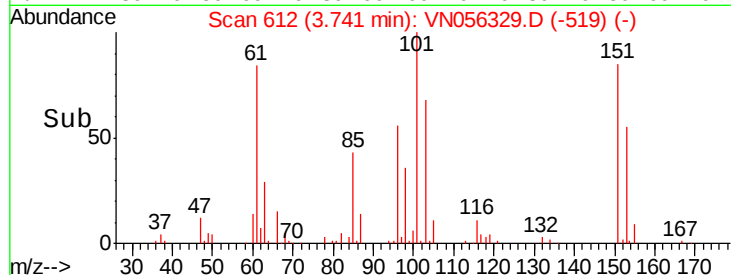
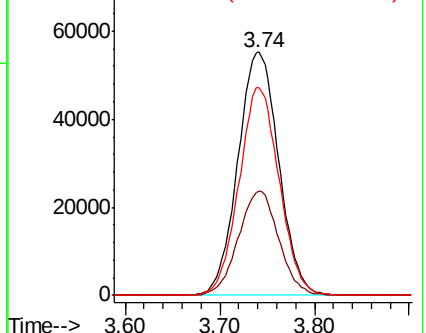
151 84.2 67.4 101.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 37.954 ug/l

RT: 3.94 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

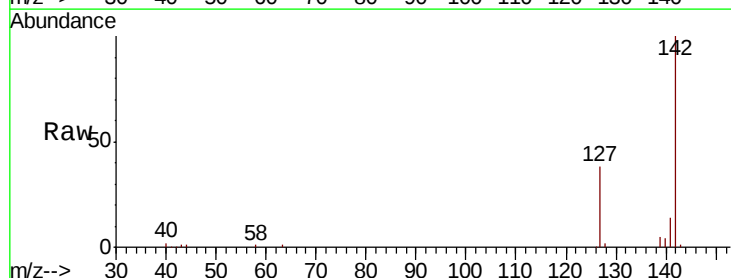
Tgt Ion:142 Resp: 230030

Ion Ratio Lower Upper

142 100

127 38.5 30.8 46.2

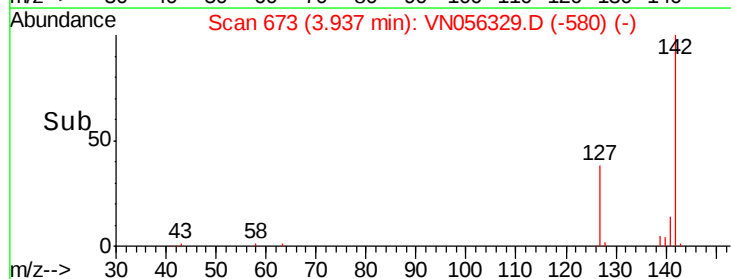
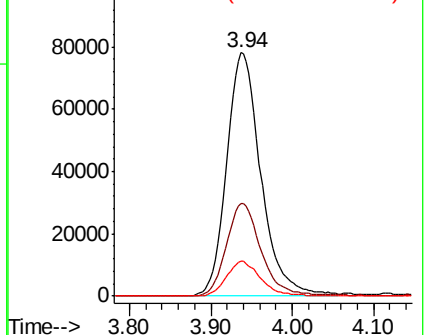
141 14.3 11.4 17.2

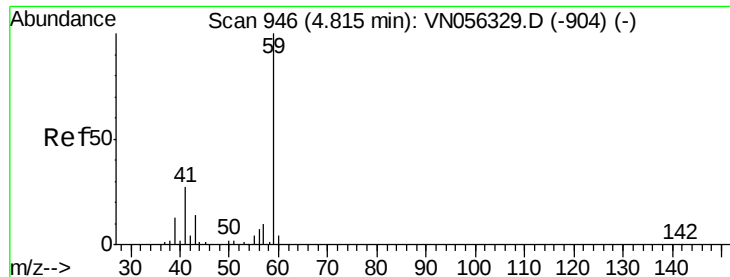


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

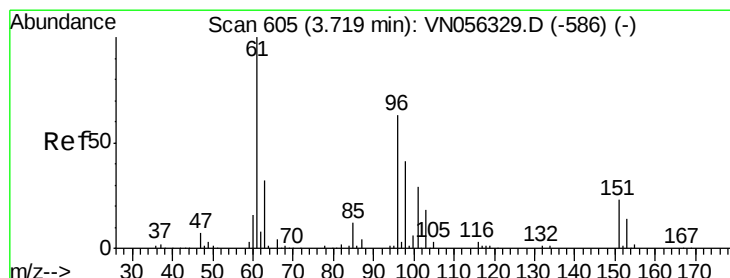
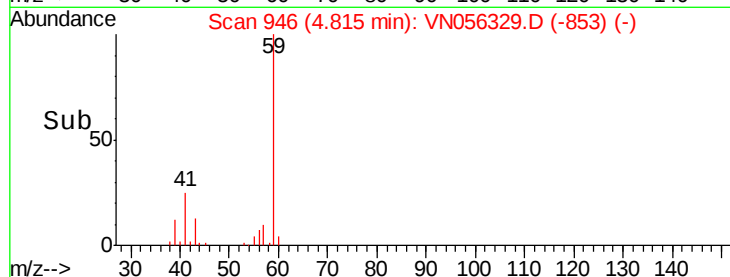
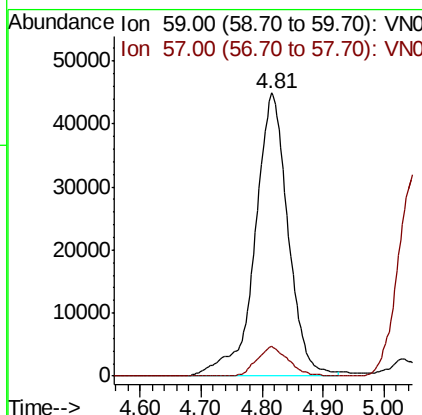
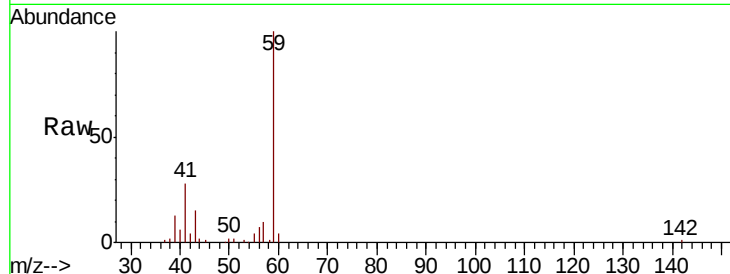




#11  
Tert butyl alcohol  
Concen: 202.965 ug/l  
RT: 4.81 min Scan# 946  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

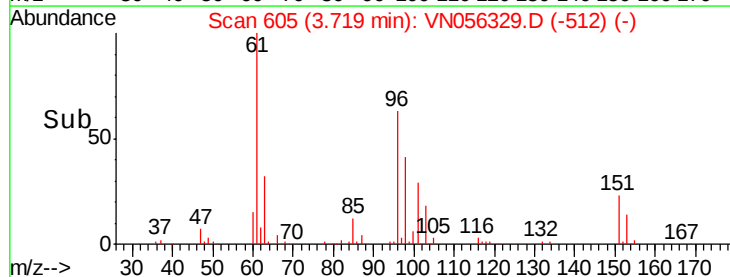
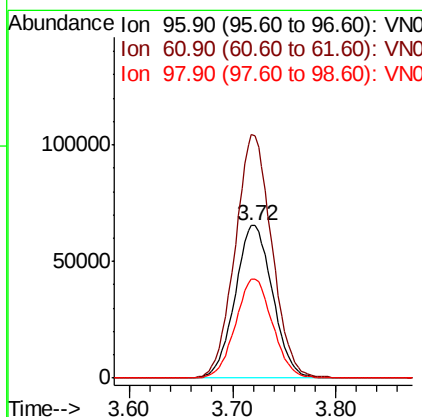
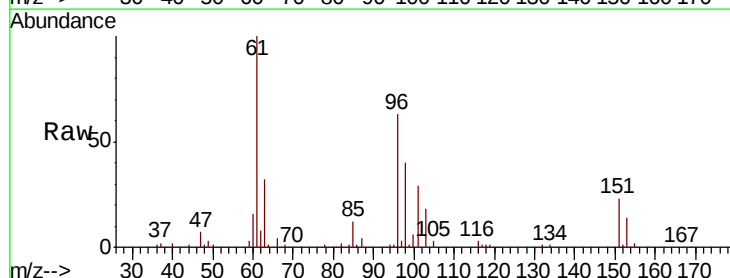
Instrument :  
MSVOA\_N  
ClientSampled :

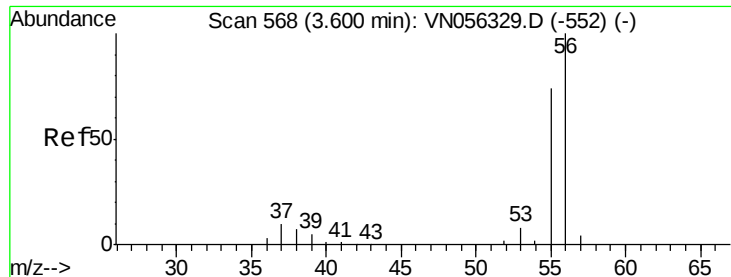
Tot Ion: 59 Resp: 169382  
Ion Ratio Lower Upper  
59 100  
57 9.8 7.8 11.8



#12  
1,1-Dichloroethene  
Concen: 42.505 ug/l  
RT: 3.72 min Scan# 605  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Tgt Ion: 96 Resp: 165819  
Ion Ratio Lower Upper  
96 100  
61 159.3 127.4 191.2  
98 64.6 51.7 77.5





#13

Acrolein

Concen: 193.329 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

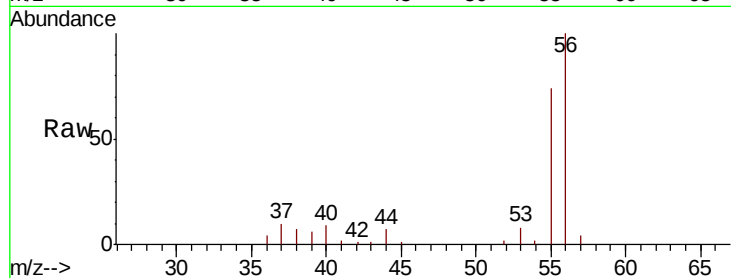
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 45267

Ion Ratio Lower Upper

56 100

55 70.5 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

20000

15000

10000

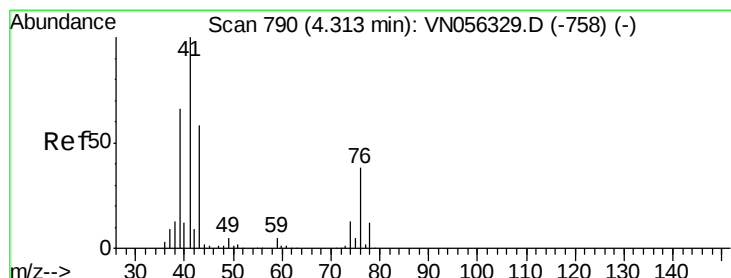
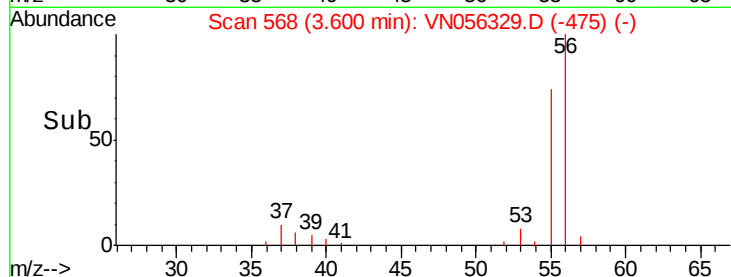
5000

0

Time-->

3.50 3.55 3.60 3.65 3.70

3.60



#14

Allyl chloride

Concen: 44.116 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

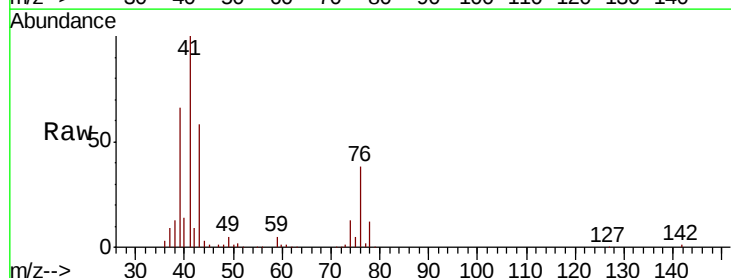
Tgt Ion: 41 Resp: 284349

Ion Ratio Lower Upper

41 100

39 61.1 48.9 73.3

76 34.0 27.2 40.8



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

120000

100000

80000

60000

40000

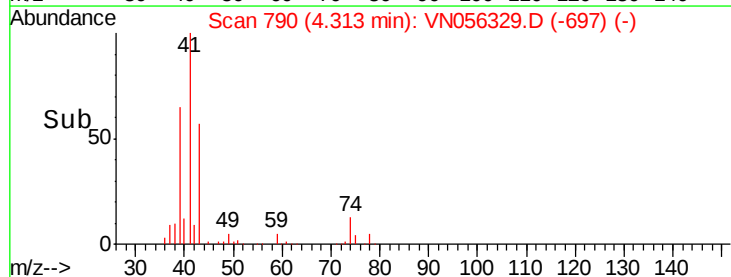
20000

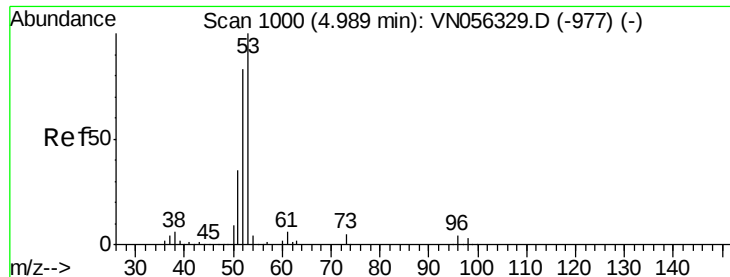
0

Time-->

4.20 4.30 4.40

4.31





#15

Acrylonitrile

Concen: 226.506 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :  
MSVOA\_N  
ClientSampled :

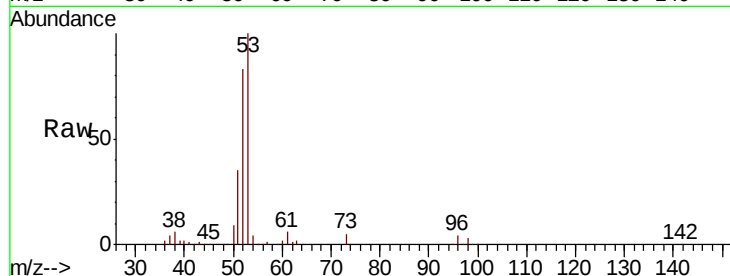
Tot Ion: 53 Resp: 469867

Ion Ratio Lower Upper

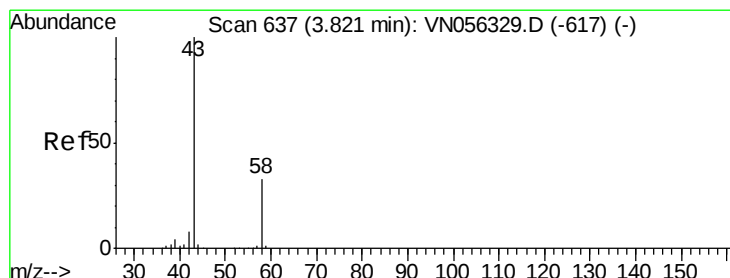
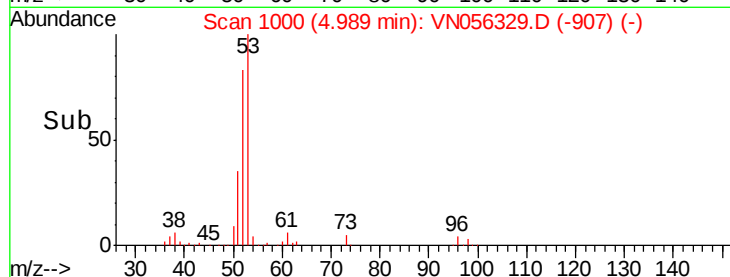
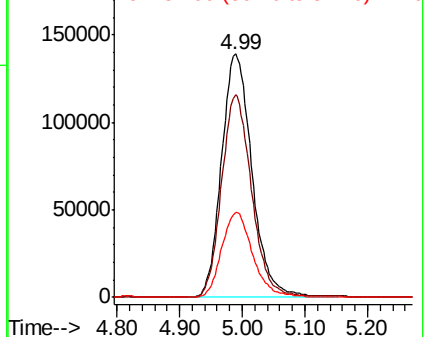
53 100

52 81.8 65.4 98.2

51 35.6 28.5 42.7



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



#16

Acetone

Concen: 233.097 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056329.D

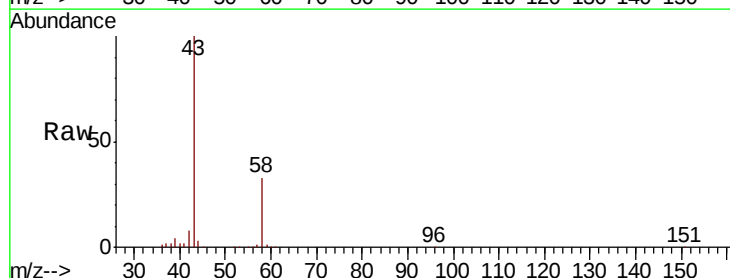
Acq: 17 Jun 2019 10:01

Tgt Ion: 43 Resp: 564795

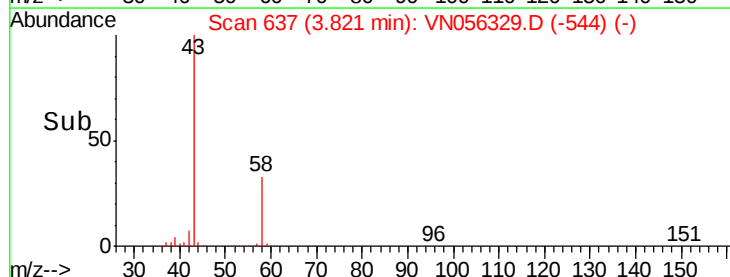
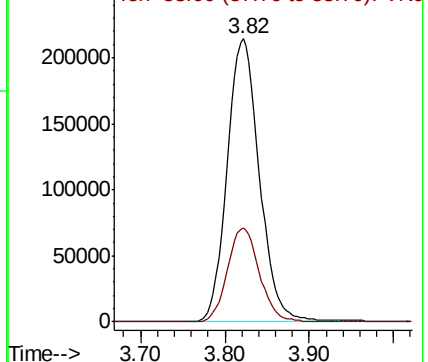
Ion Ratio Lower Upper

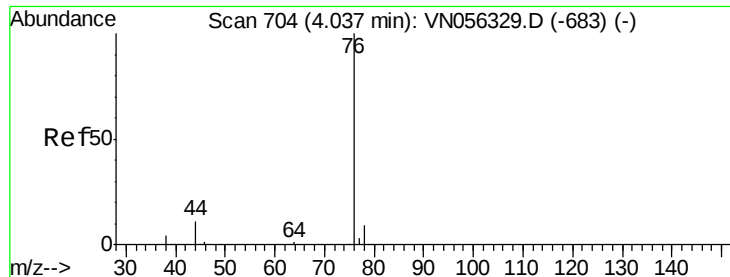
43 100

58 33.1 26.5 39.7



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

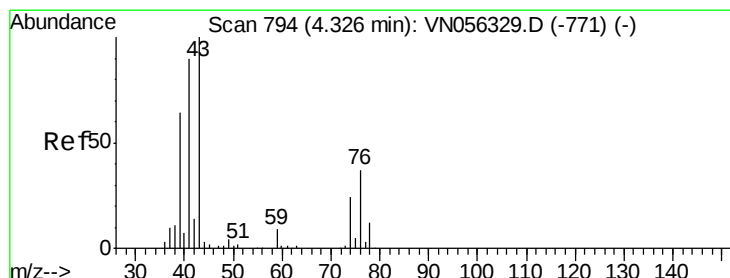
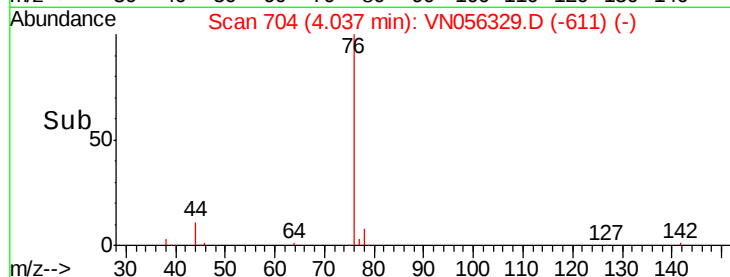
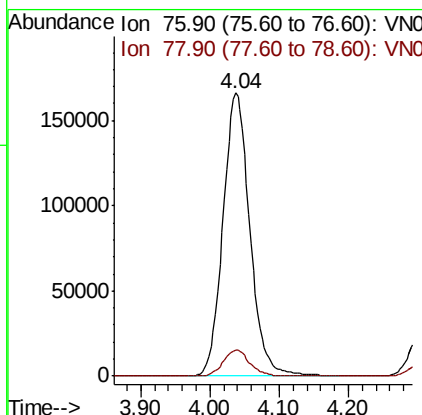
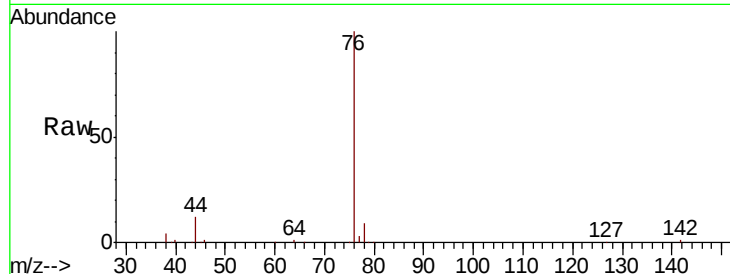




#17  
Carbon Disulfide  
Concen: 45.066 ug/l  
RT: 4.04 min Scan# 704  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

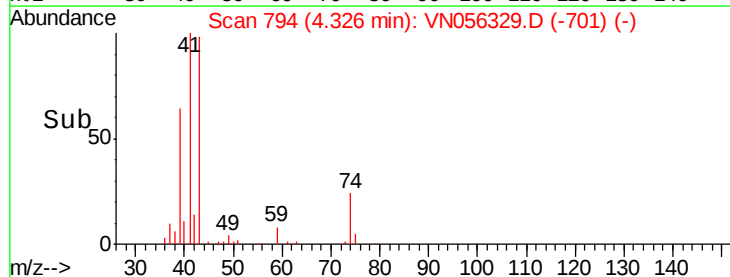
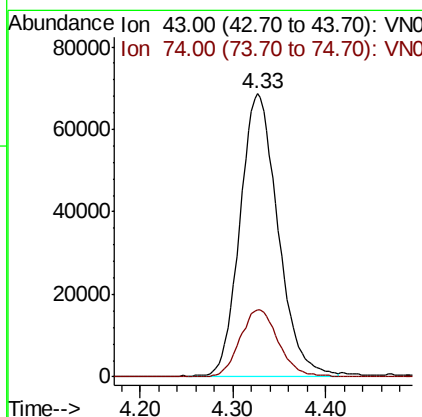
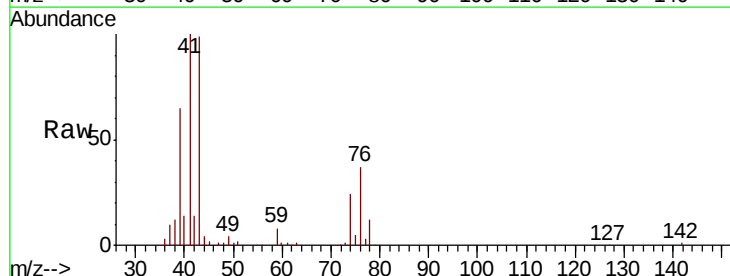
Instrument :  
MSVOA\_N  
ClientSampled :

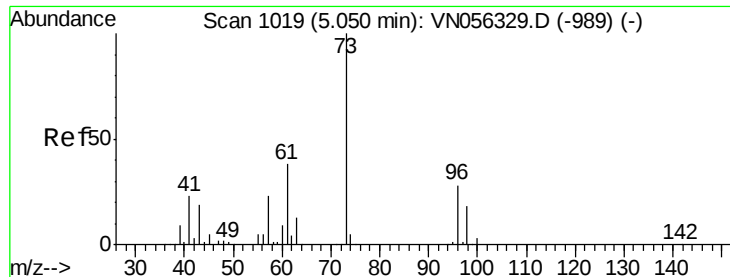
Tot Ion: 76 Resp: 450469  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9



#18  
Methyl Acetate  
Concen: 39.851 ug/l  
RT: 4.33 min Scan# 794  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Tgt Ion: 43 Resp: 193488  
Ion Ratio Lower Upper  
43 100  
74 24.3 19.4 29.2

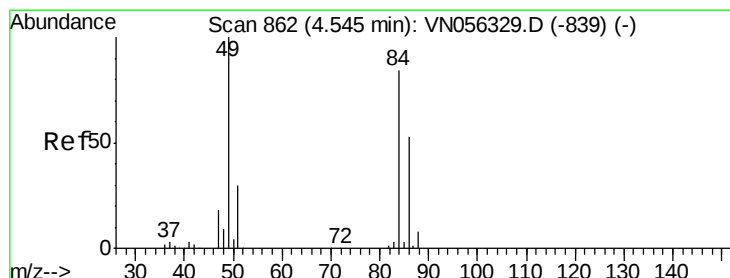
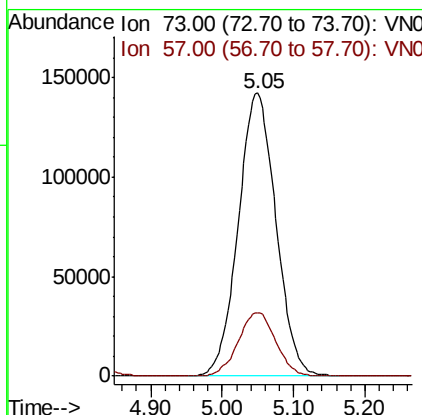
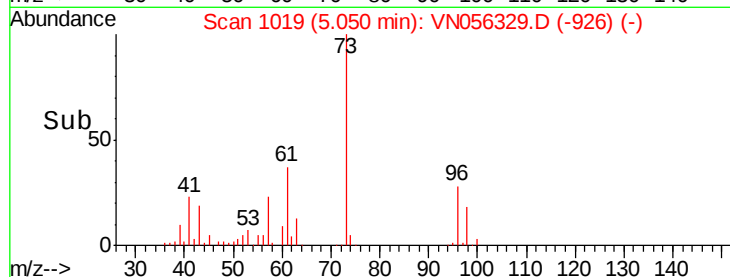
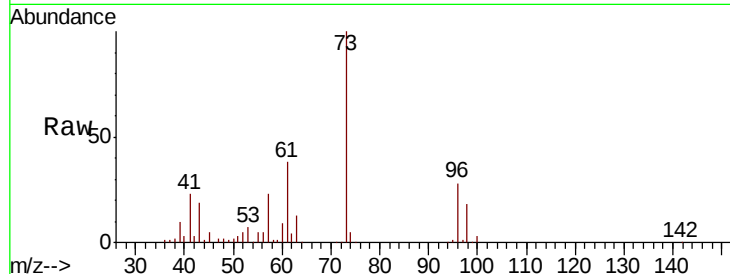




#19  
Methvl tert-butvl Ether  
Concen: 42.045 ug/l  
RT: 5.05 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

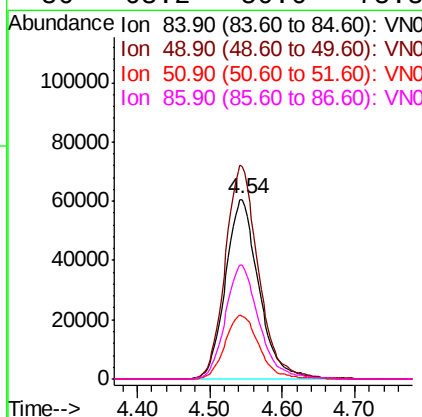
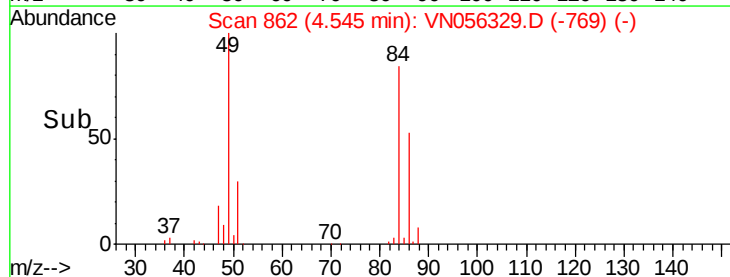
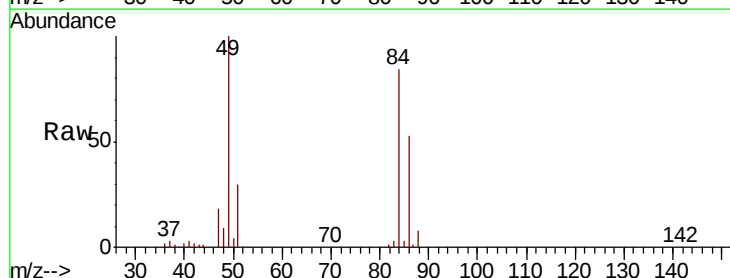
Instrument :  
MSVOA\_N  
ClientSampleId :

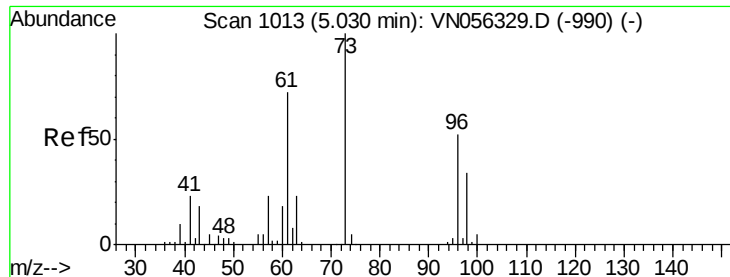
Tot Ion: 73 Resp: 521443  
Ion Ratio Lower Upper  
73 100  
57 22.6 18.1 27.1



#20  
Methylene Chloride  
Concen: 42.322 ug/l  
RT: 4.54 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Tgt Ion: 84 Resp: 194215  
Ion Ratio Lower Upper  
84 100  
49 118.8 95.0 142.6  
51 35.3 28.2 42.4  
86 63.2 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 42.548 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :

MSVOA\_N

ClientSampled :

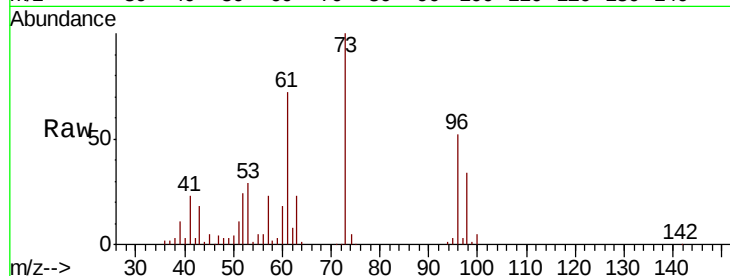
Tot Ion: 96 Resp: 179003

Ion Ratio Lower Upper

96 100

61 137.2 109.8 164.6

98 65.0 52.0 78.0

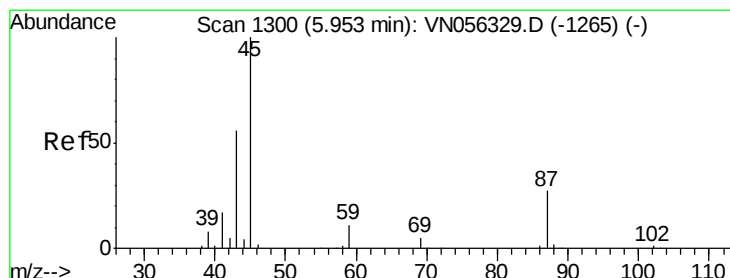
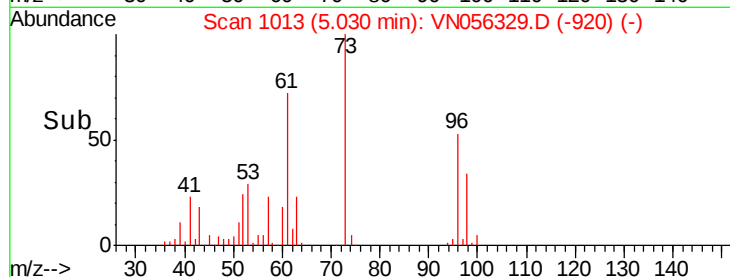
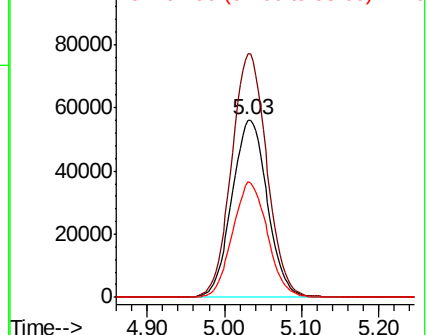


Abundance

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: 42.853 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Tgt Ion: 45 Resp: 558802

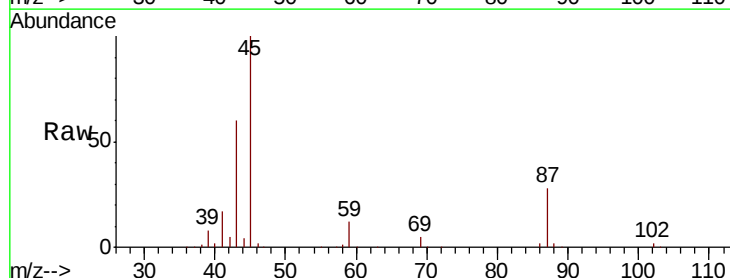
Ion Ratio Lower Upper

45 100

43 58.8 47.0 70.6

87 28.0 22.4 33.6

59 11.5 9.2 13.8



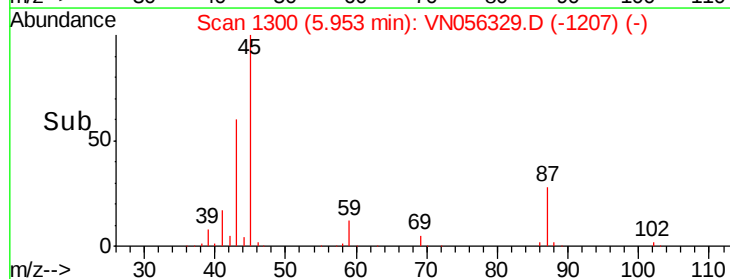
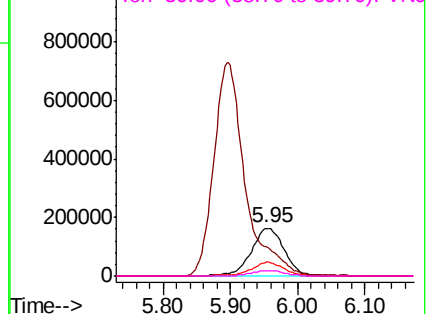
Abundance

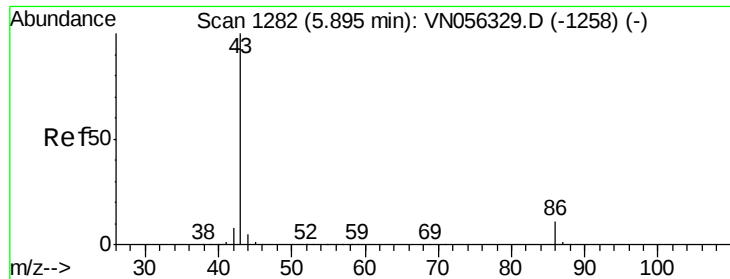
Ion 45.00 (44.70 to 45.70): VN0

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

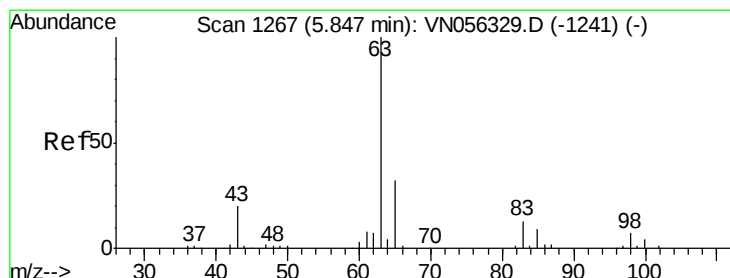
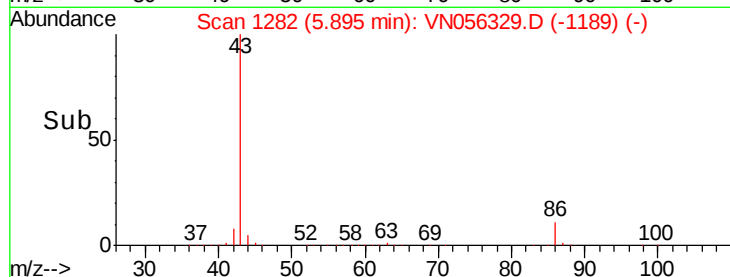
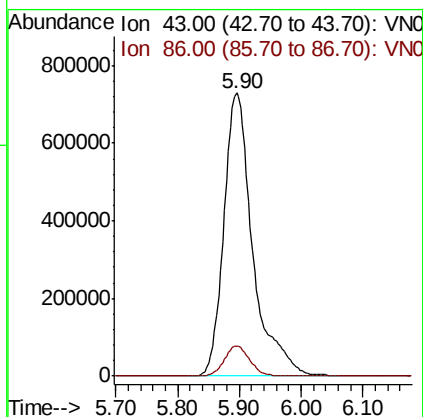
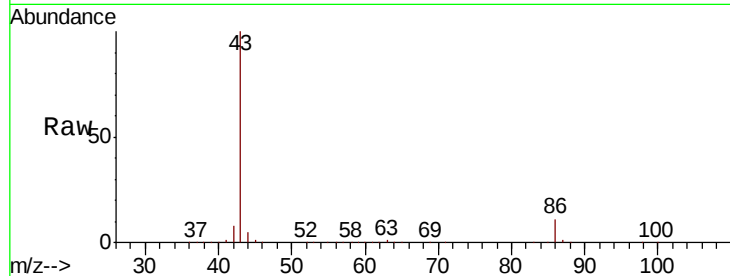




#23  
 Vinyl Acetate  
 Concen: 224.681 ug/l  
 RT: 5.90 min Scan# 1282  
 Delta R.T. 0.00 min  
 Lab File: VN056329.D  
 Acq: 17 Jun 2019 10:01

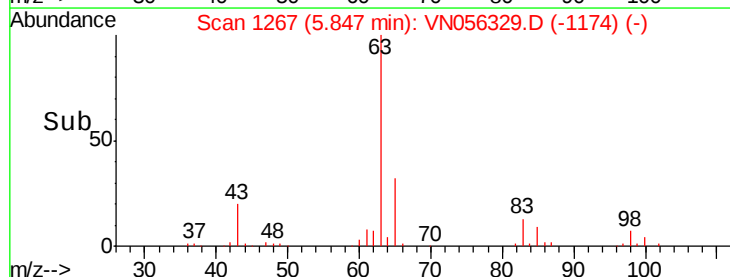
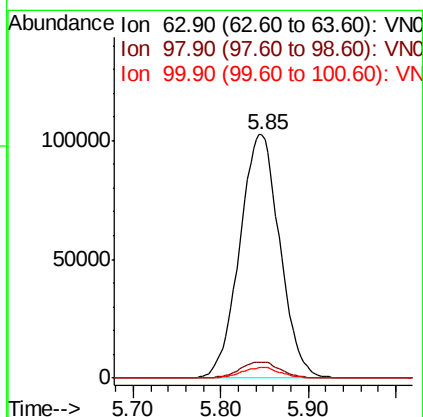
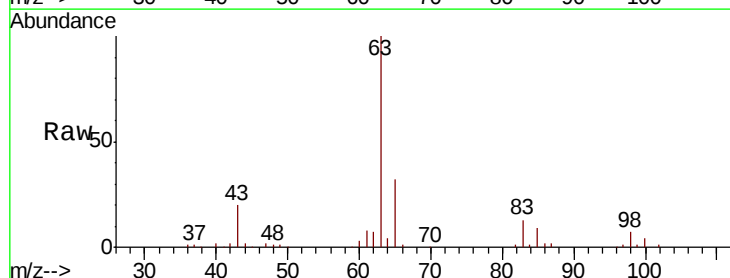
Instrument :  
 MSVOA\_N  
 ClientSampled :

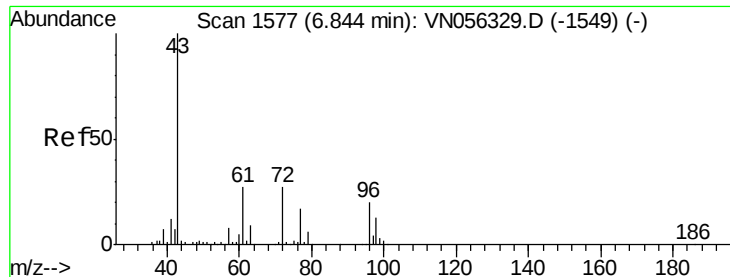
Tot Ion: 43 Resp: 2367196  
 Ion Ratio Lower Upper  
 43 100  
 86 10.6 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 43.290 ug/l  
 RT: 5.85 min Scan# 1267  
 Delta R.T. 0.00 min  
 Lab File: VN056329.D  
 Acq: 17 Jun 2019 10:01

Tgt Ion: 63 Resp: 325656  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.3 9.8  
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 232.149 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :

MSVOA\_N

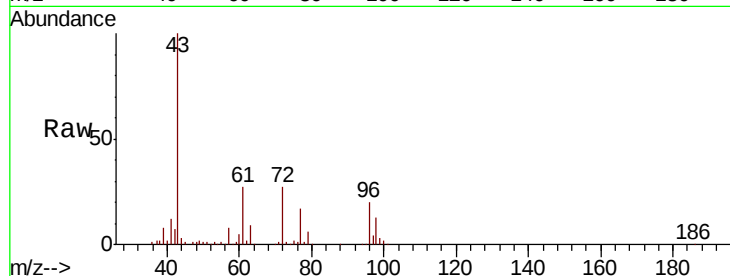
ClientSampled :

Tot Ion: 43 Resp: 706042

Ion Ratio Lower Upper

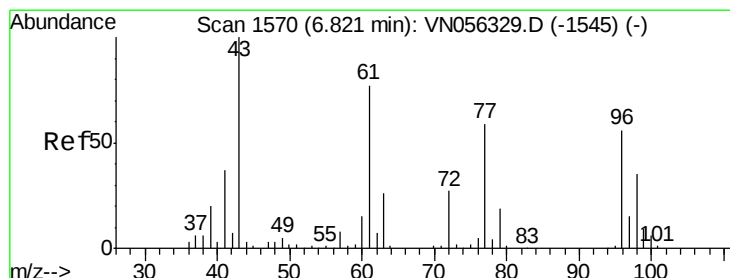
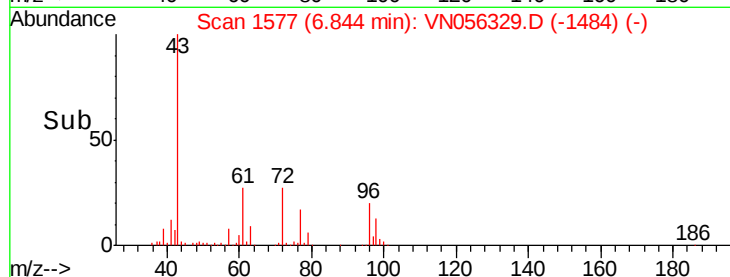
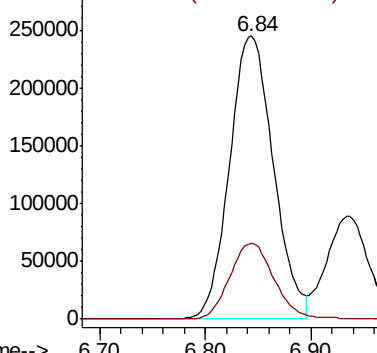
43 100

72 26.8 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 41.246 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN056329.D

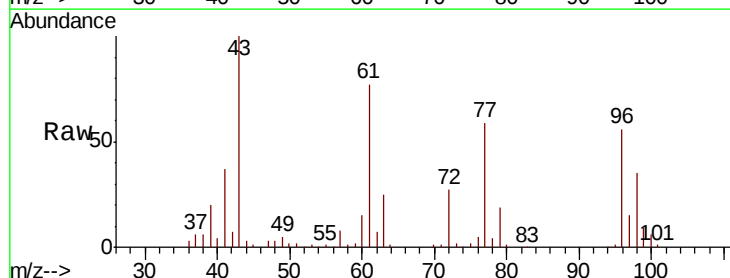
Acq: 17 Jun 2019 10:01

Tgt Ion: 77 Resp: 232208

Ion Ratio Lower Upper

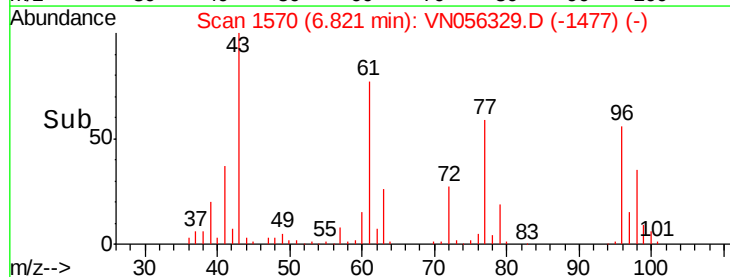
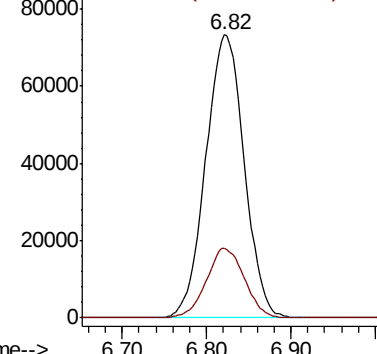
77 100

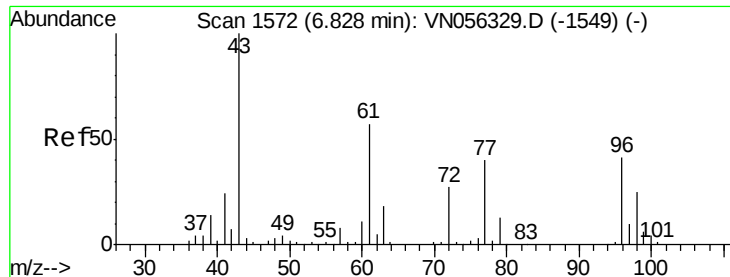
97 24.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 42.268 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :

MSVOA\_N

ClientSampled :

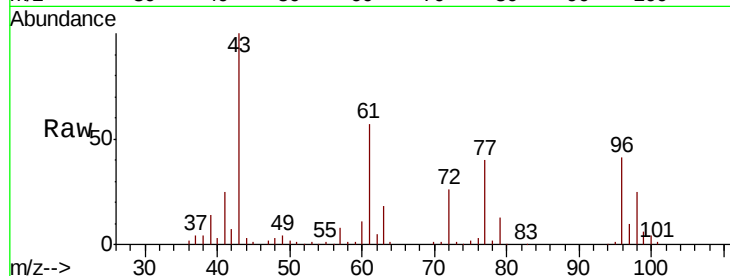
Tot Ion: 96 Resp: 207771

Ion Ratio Lower Upper

96 100

61 139.3 0.0 278.6

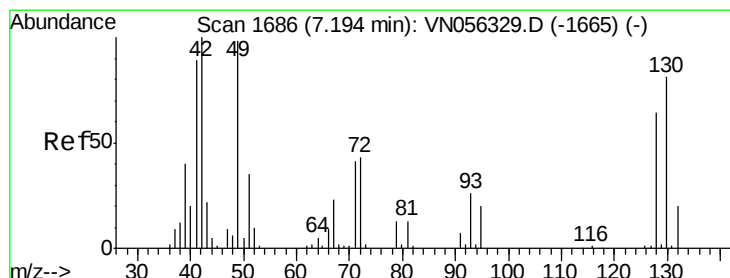
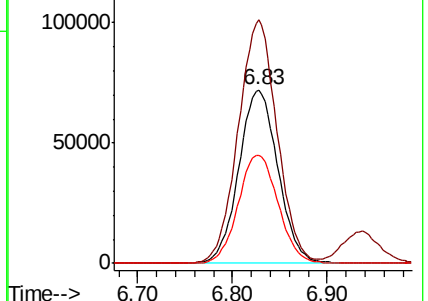
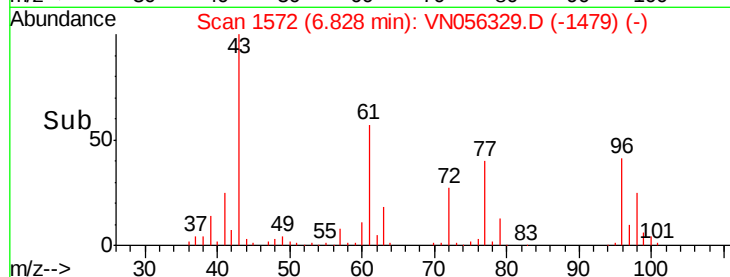
98 63.5 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 44.877 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

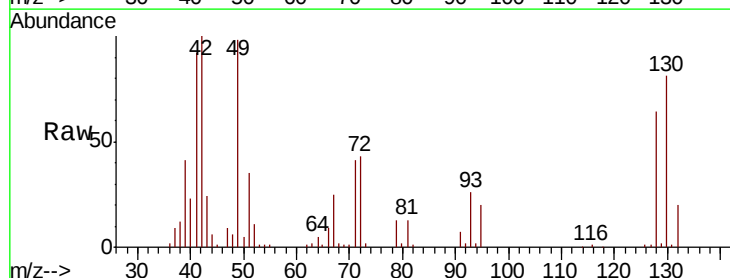
Tgt Ion: 49 Resp: 163634

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

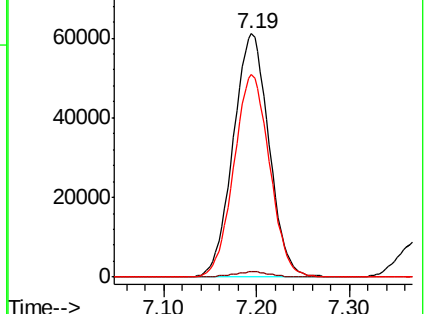
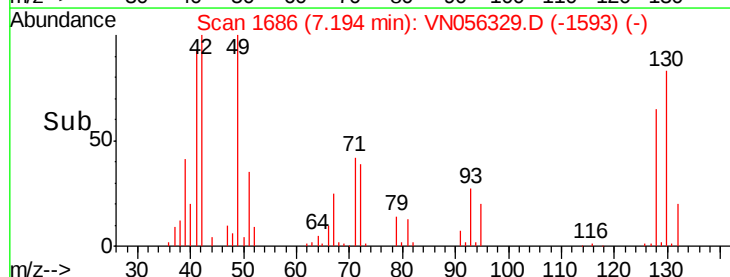
130 83.0 66.4 99.6

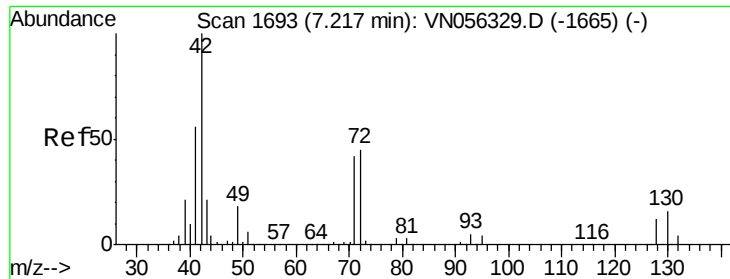


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

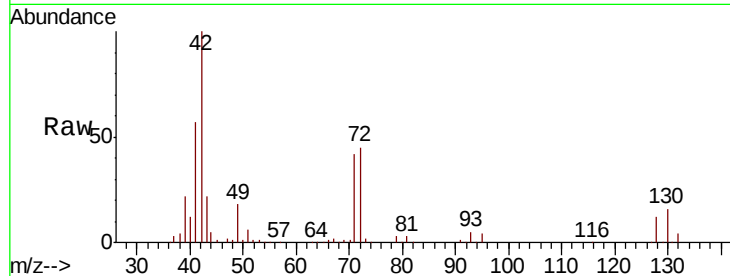




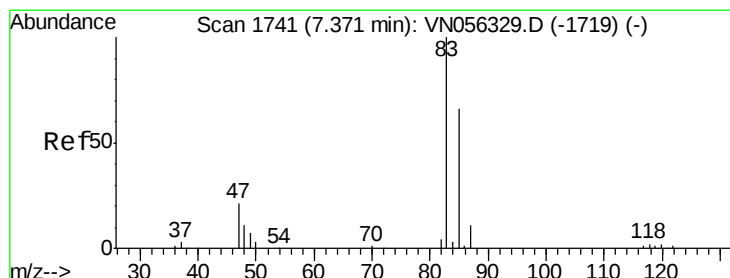
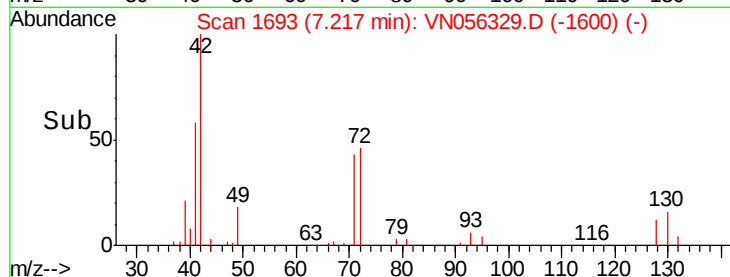
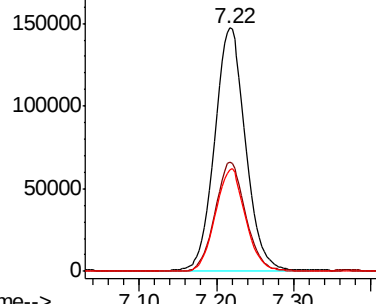
#29  
Tetrahydrofuran  
Concen: 224.556 ug/l  
RT: 7.22 min Scan# 1693  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 42 Resp: 411002  
Ion Ratio Lower Upper  
42 100  
72 44.1 35.3 52.9  
71 40.9 32.7 49.1

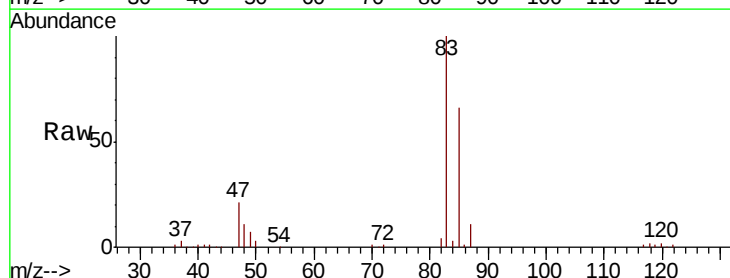


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

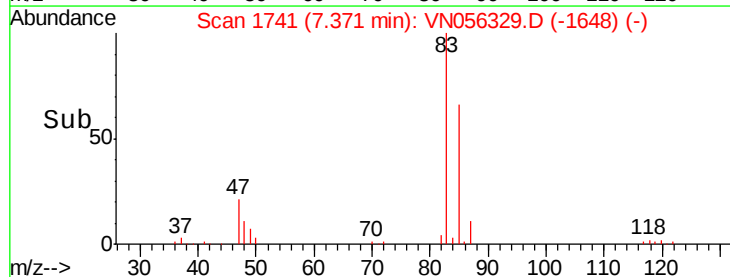
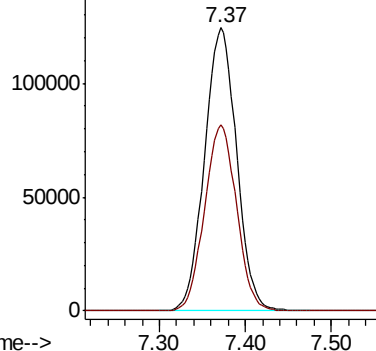


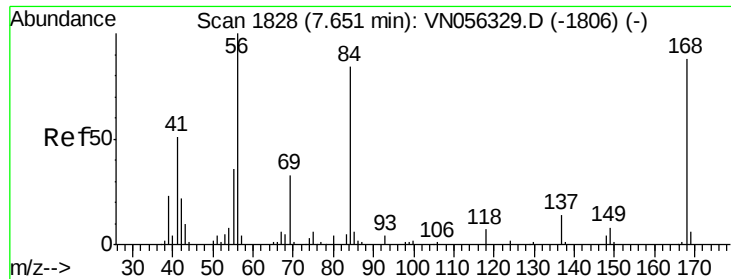
#30  
Chloroform  
Concen: 42.931 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Tgt Ion: 83 Resp: 322398  
Ion Ratio Lower Upper  
83 100  
85 65.7 52.6 78.8



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

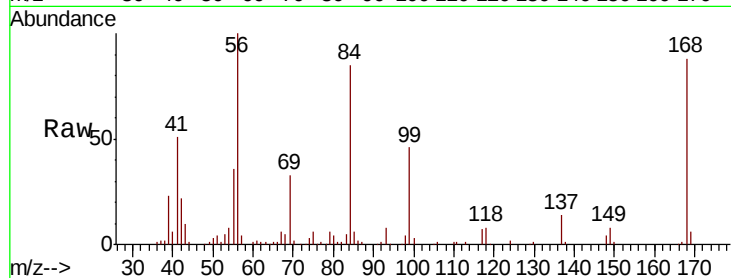




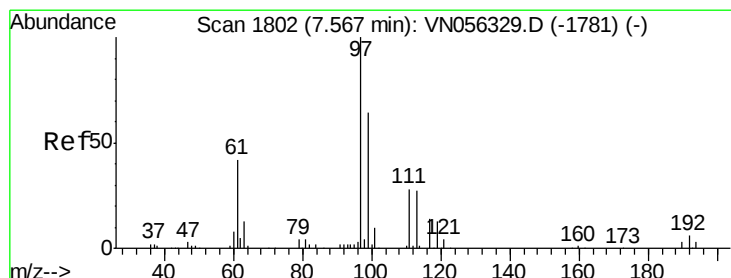
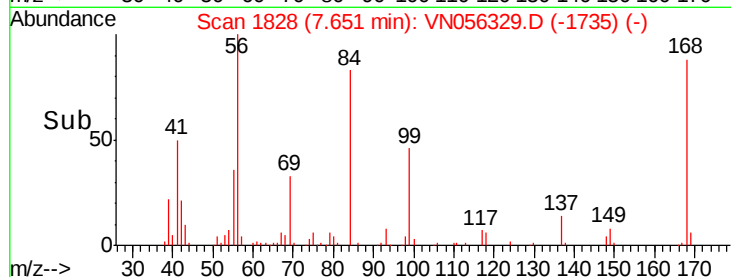
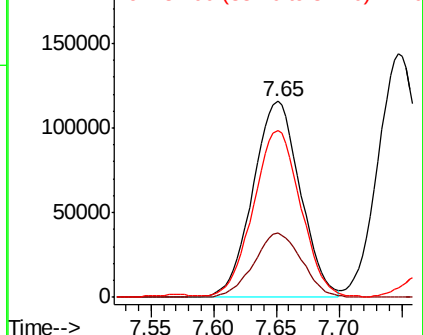
#31  
Cyclohexane  
Concen: 39.708 ug/l  
RT: 7.65 min Scan# 1828  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 56 Resp: 304568  
Ion Ratio Lower Upper  
56 100  
69 32.5 26.0 39.0  
84 84.2 67.4 101.0

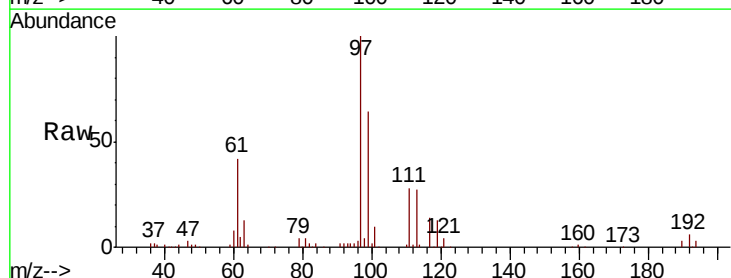


Abundance Ion 56.00 (55.70 to 56.70): VNO  
Ion 69.00 (68.70 to 69.70): VNO  
Ion 84.00 (83.70 to 84.70): VNO

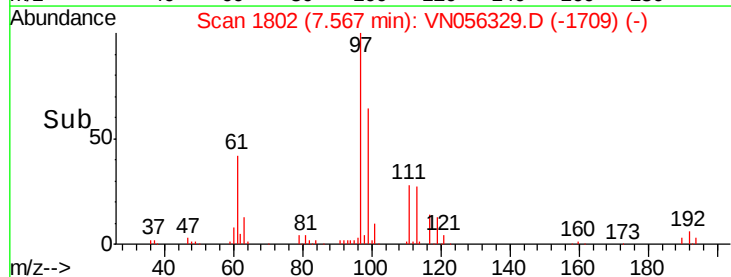
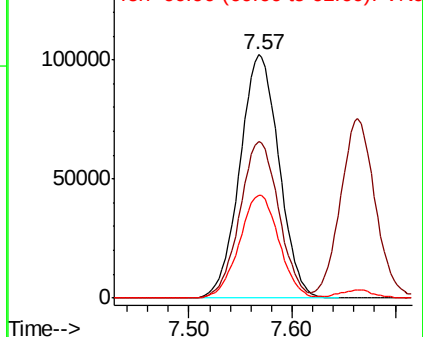


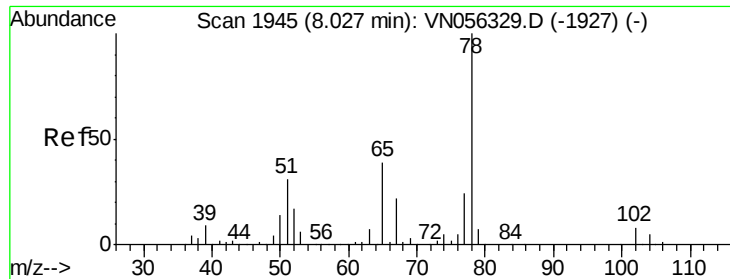
#32  
1,1,1-Trichloroethane  
Concen: 43.013 ug/l  
RT: 7.57 min Scan# 1802  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Tgt Ion: 97 Resp: 269466  
Ion Ratio Lower Upper  
97 100  
99 64.2 51.4 77.0  
61 43.0 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VNO  
Ion 98.90 (98.60 to 99.60): VNO  
Ion 60.90 (60.60 to 61.60): VNO

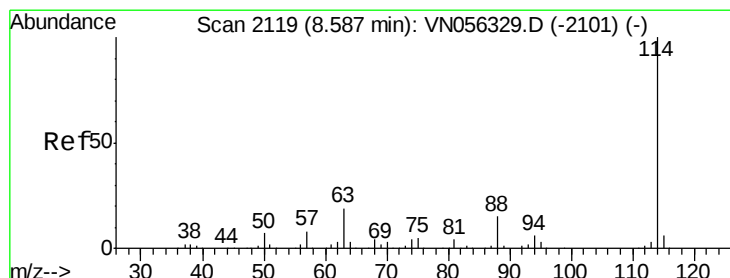
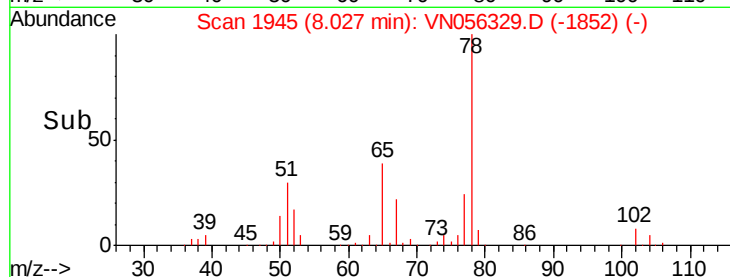
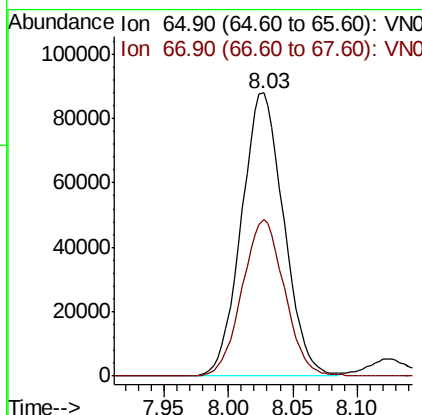
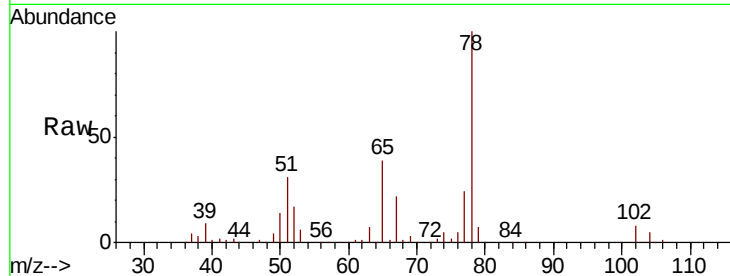




#33  
 1,2-Dichloroethane-d4  
 Concen: 41.179 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN056329.D  
 Acq: 17 Jun 2019 10:01

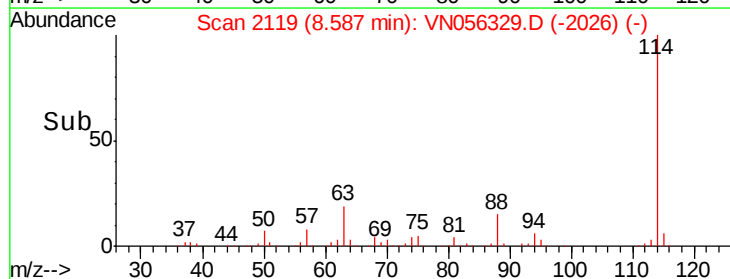
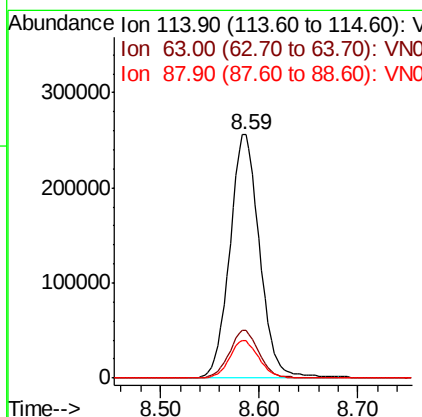
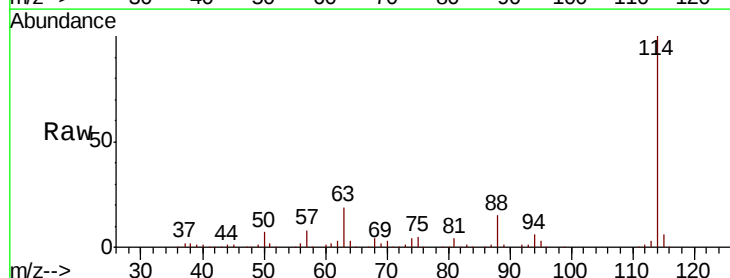
Instrument :  
 MSVOA\_N  
 ClientSampleId :

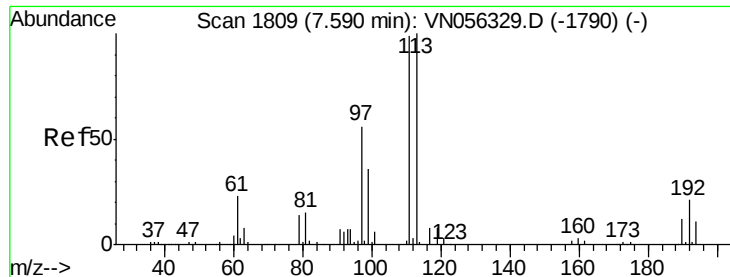
Tot Ion: 65 Resp: 201162  
 Ion Ratio Lower Upper  
 65 100  
 67 55.4 0.0 110.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN056329.D  
 Acq: 17 Jun 2019 10:01

Tgt Ion: 114 Resp: 539284  
 Ion Ratio Lower Upper  
 114 100  
 63 19.4 0.0 38.8  
 88 15.3 0.0 30.6

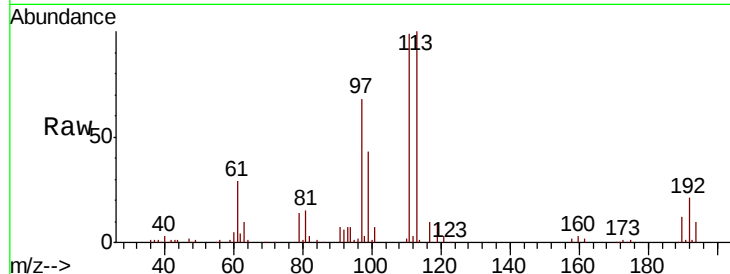




#35  
 Dibromofluoromethane  
 Concen: 40.176 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. 0.00 min  
 Lab File: VN056329.D  
 Acq: 17 Jun 2019 10:01

Instrument :  
 MSVOA\_N  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.6 | 82.1  | 123.1 |
| 192     | 22.0  | 17.6  | 26.4  |

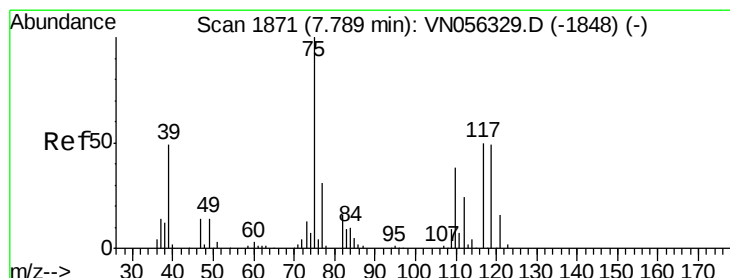
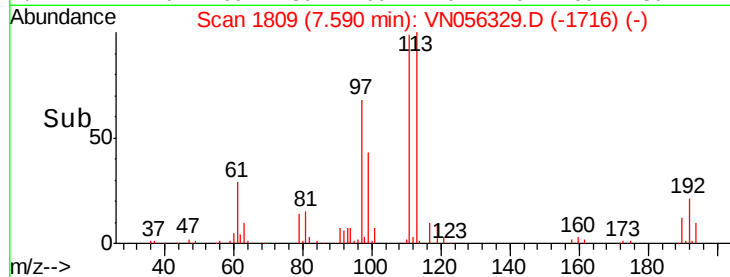
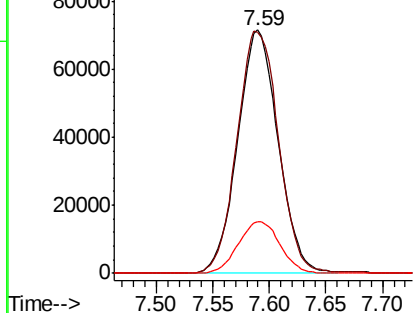


Abundance

Ion 112.80 (112.50 to 113.50): V

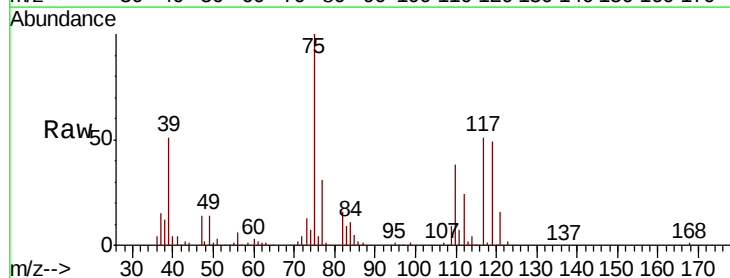
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36  
 1,1-Dichloropropene  
 Concen: 40.805 ug/l  
 RT: 7.79 min Scan# 1871  
 Delta R.T. 0.00 min  
 Lab File: VN056329.D  
 Acq: 17 Jun 2019 10:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.3  | 18.6  | 56.0  |
| 77      | 31.3  | 25.0  | 37.6  |

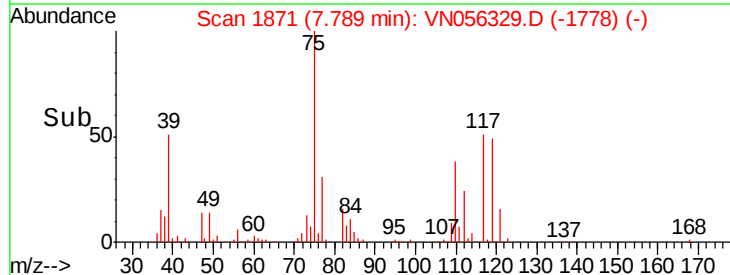
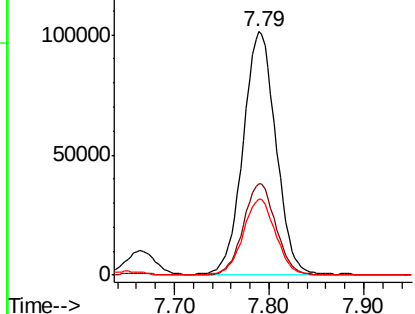


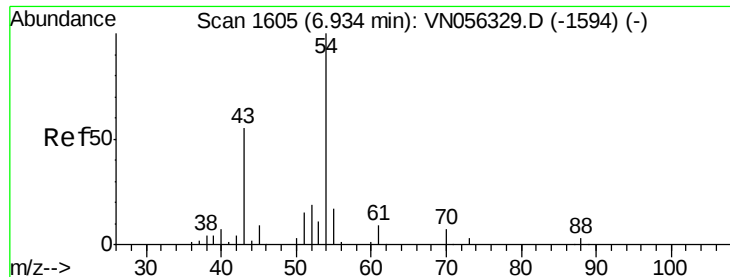
Abundance

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

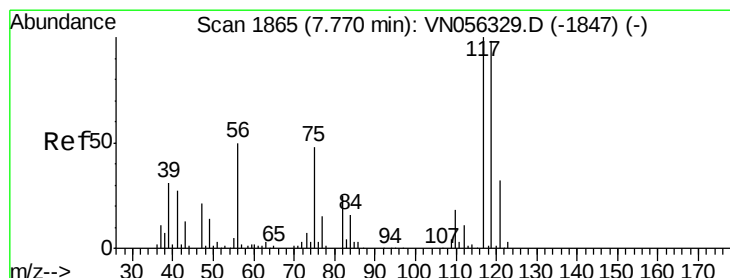
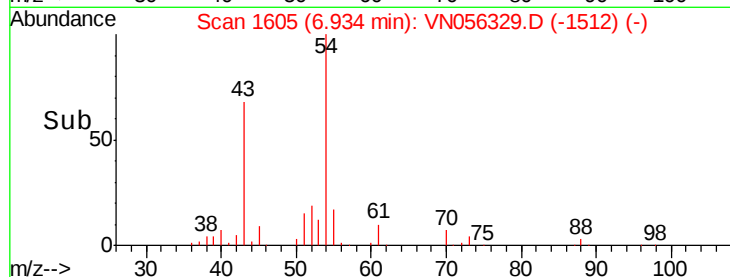
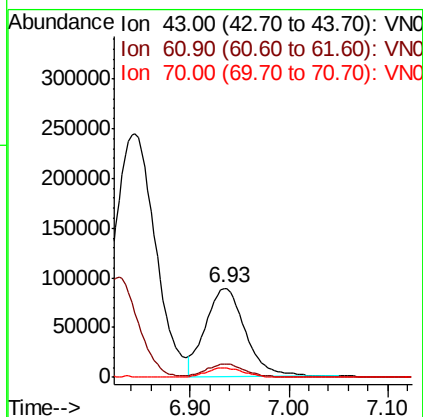
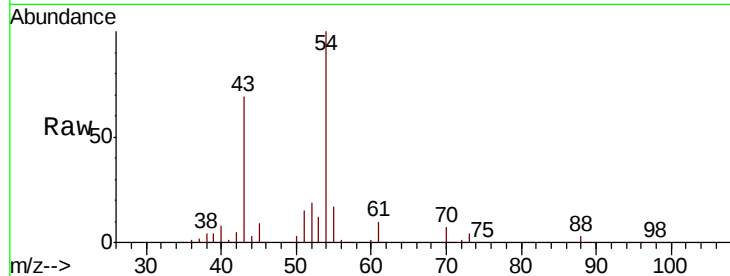




#37  
Ethyl Acetate  
Concen: 44.499 ug/l  
RT: 6.93 min Scan# 1605  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

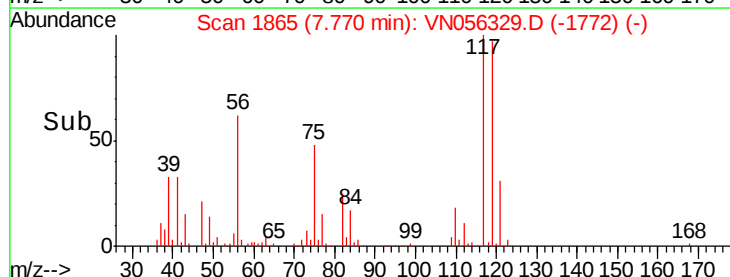
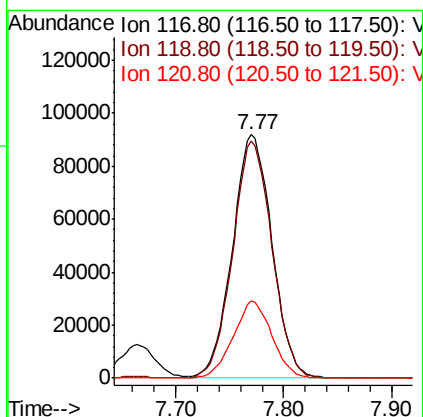
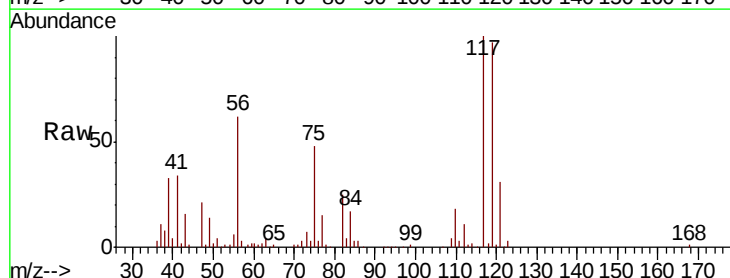
Instrument :  
MSVOA\_N  
ClientSampled :

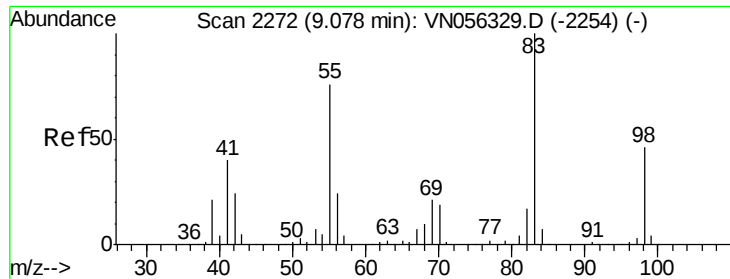
Tot Ion: 43 Resp: 249451  
Ion Ratio Lower Upper  
43 100  
61 14.6 11.7 17.5  
70 10.4 8.3 12.5



#38  
Carbon Tetrachloride  
Concen: 41.964 ug/l  
RT: 7.77 min Scan# 1865  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Tgt Ion: 117 Resp: 233731  
Ion Ratio Lower Upper  
117 100  
119 97.3 77.8 116.8  
121 31.6 25.3 37.9

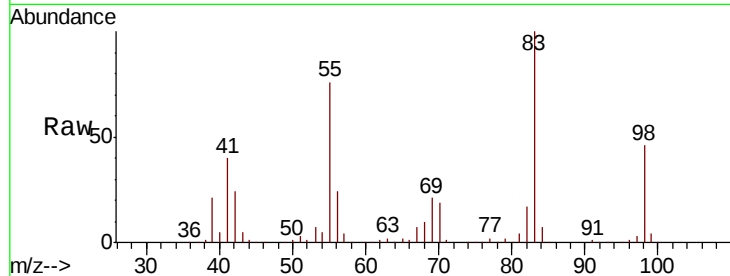




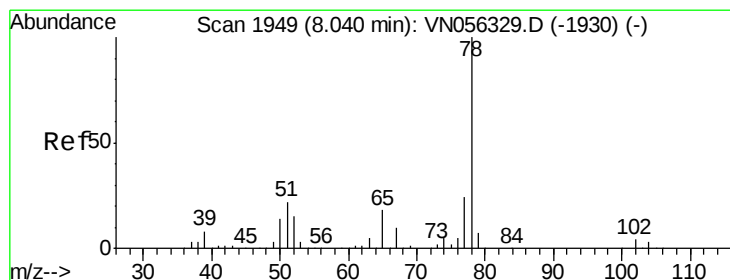
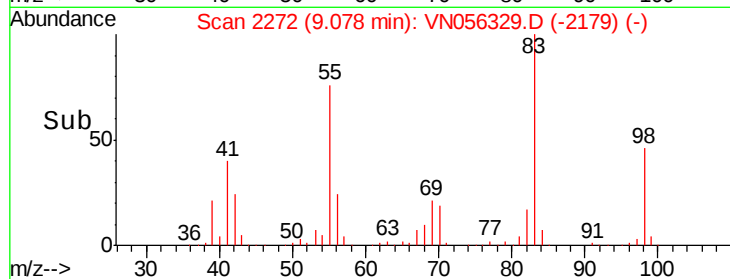
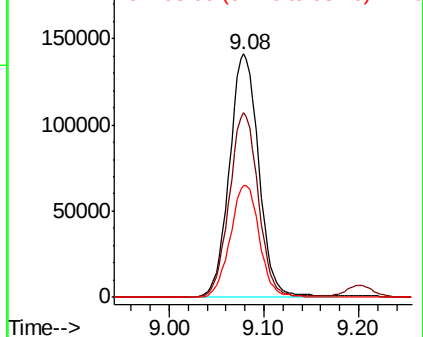
#39  
Methvlcvclohexane  
Concen: 41.097 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Instrument :  
MSVOA\_N  
ClientSampleId :

| Tot Ion | 83    | Resp  | 303992 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 83      | 100   |       |        |
| 55      | 76.0  | 60.8  | 91.2   |
| 98      | 46.0  | 36.8  | 55.2   |

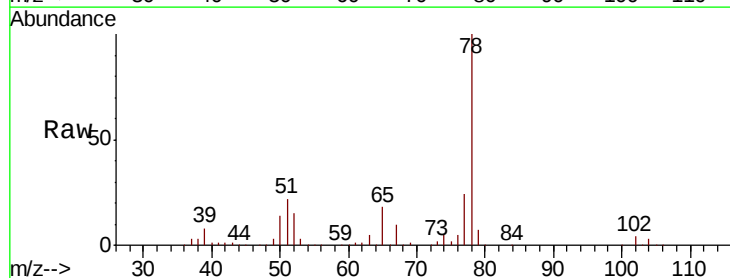


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

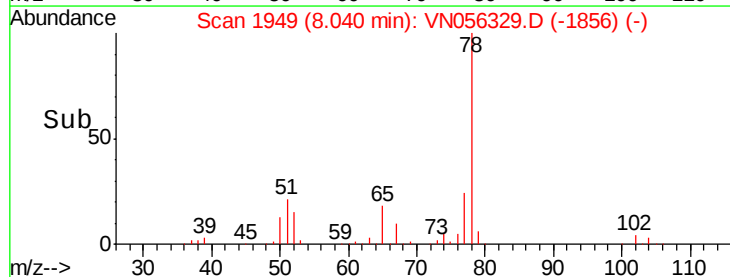
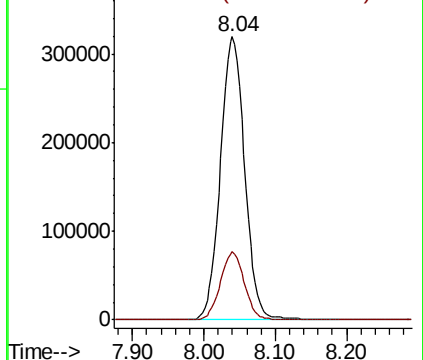


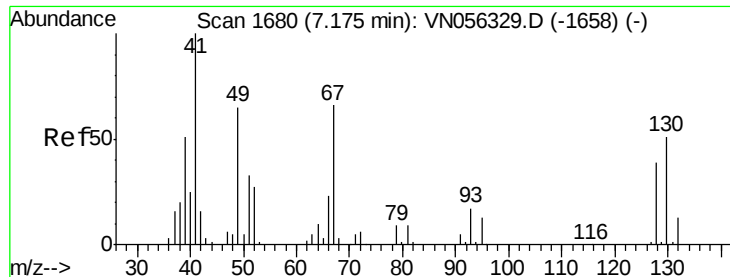
#40  
Benzene  
Concen: 41.671 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

| Tgt Ion | 78    | Resp  | 755032 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 78      | 100   |       |        |
| 77      | 24.0  | 19.2  | 28.8   |



Abundance Ion 78.00 (77.70 to 78.70): VN0  
Ion 77.00 (76.70 to 77.70): VN0

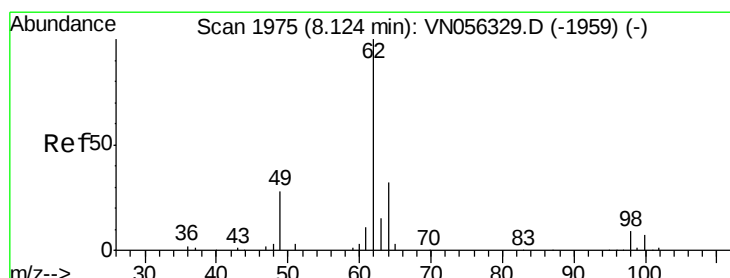
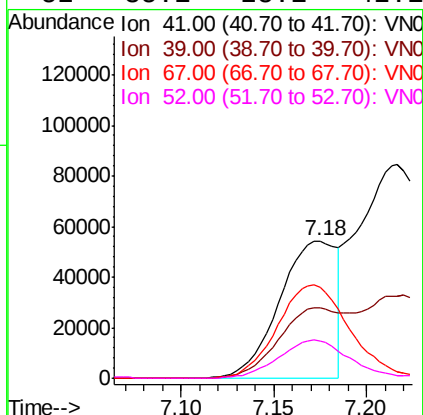
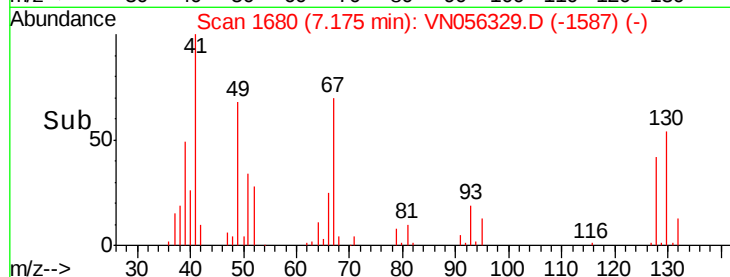
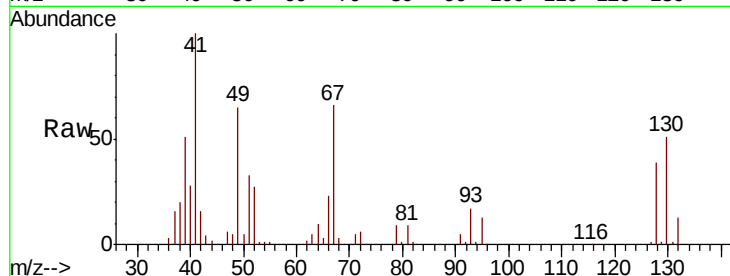




#41  
Methacrylonitrile  
Concen: 44.289 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

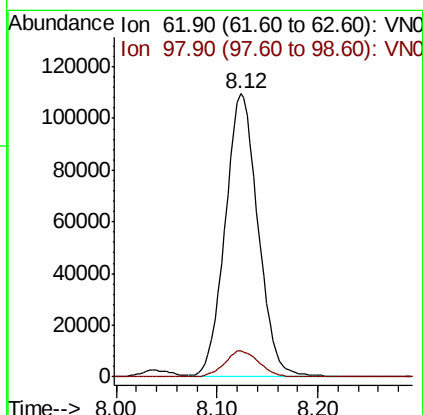
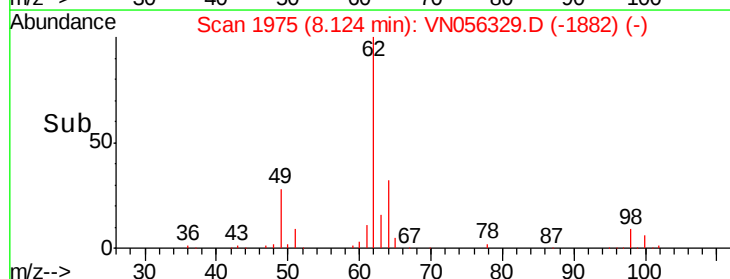
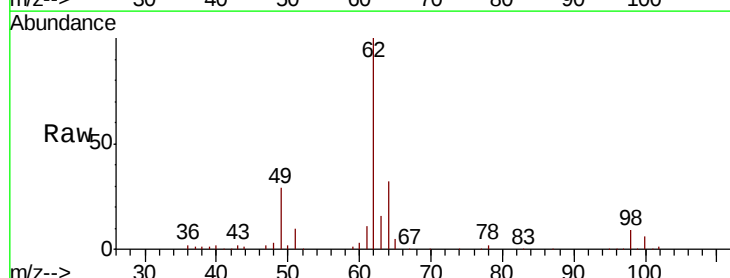
Instrument :  
MSVOA\_N  
ClientSampled :

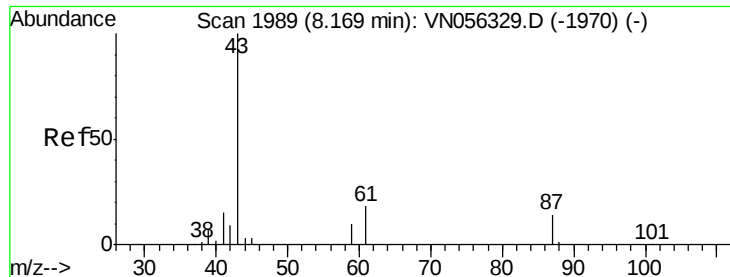
Tot Ion: 41 Resp: 116554  
Ion Ratio Lower Upper  
41 100  
39 55.6 44.5 66.7  
67 86.2 69.0 103.4  
52 35.1 28.1 42.1



#42  
1,2-Dichloroethane  
Concen: 41.915 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Tgt Ion: 62 Resp: 246928  
Ion Ratio Lower Upper  
62 100  
98 9.7 0.0 19.4





#43

Isopropyl Acetate

Concen: 42.956 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :

MSVOA\_N

ClientSampled :

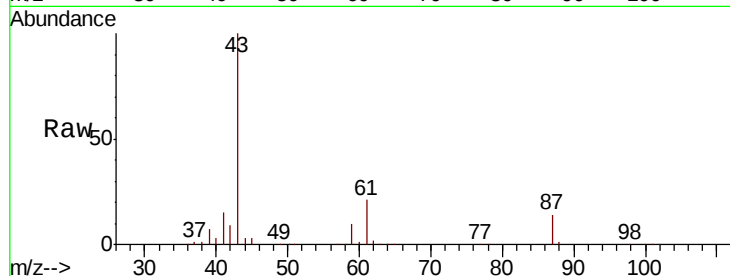
Tot Ion: 43 Resp: 379970

Ion Ratio Lower Upper

43 100

61 20.8 16.6 25.0

87 13.7 11.0 16.4

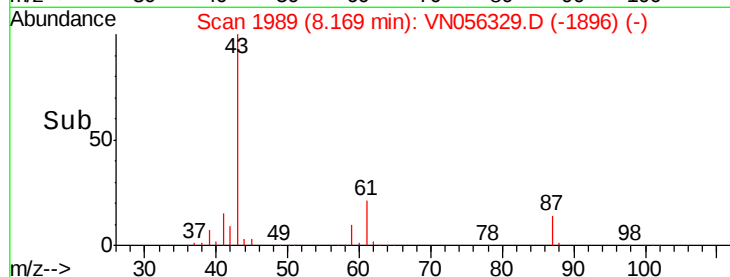


Abundance Ion 43.00 (42.70 to 43.70): VN056329.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056329.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056329.D (-1970) (-)

8.17



Abundance

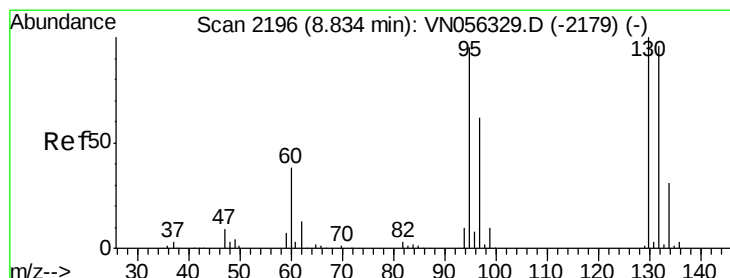
Ion 43.00 (42.70 to 43.70): VN056329.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN056329.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN056329.D (-1896) (-)

8.17

Time-->



#44

Trichloroethene

Concen: 40.116 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056329.D

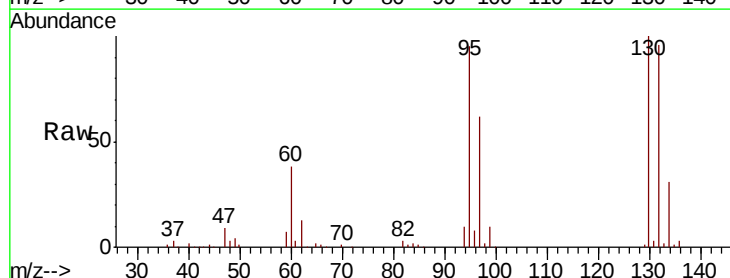
Acq: 17 Jun 2019 10:01

Tgt Ion:130 Resp: 203203

Ion Ratio Lower Upper

130 100

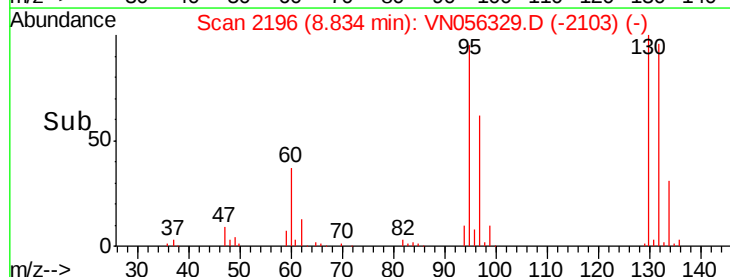
95 95.2 0.0 190.4



Abundance Ion 129.80 (129.50 to 130.50): VN056329.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056329.D (-2179) (-)

8.83



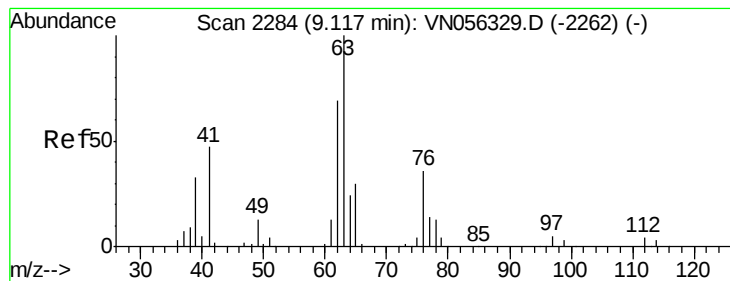
Abundance

Ion 129.80 (129.50 to 130.50): VN056329.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN056329.D (-2103) (-)

8.83

Time-->



#45

1,2-Dichloropropane

Concen: 42.577 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :

MSVOA\_N

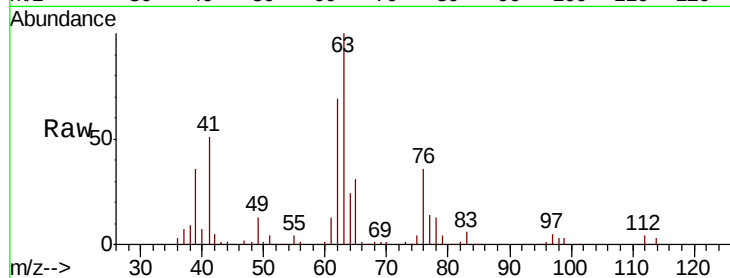
ClientSampled :

Tot Ion: 63 Resp: 201589

Ion Ratio Lower Upper

63 100

65 30.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN056329.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN056329.D (-2262) (-)

9.12

100000

80000

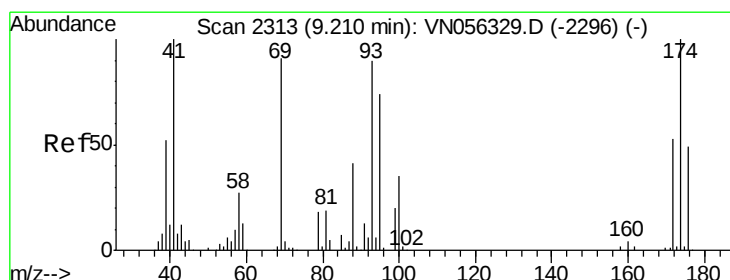
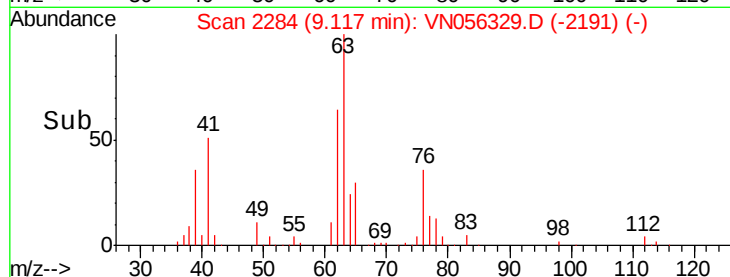
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 42.482 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

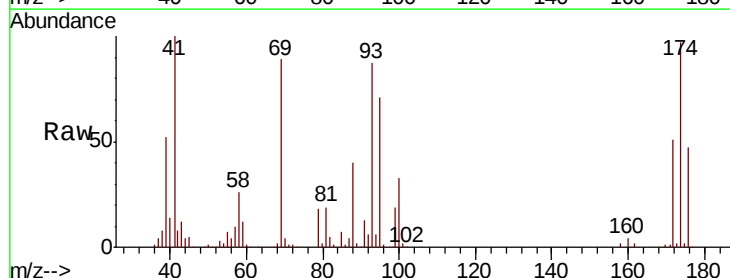
Tgt Ion: 93 Resp: 131709

Ion Ratio Lower Upper

93 100

95 84.0 67.2 100.8

174 112.9 90.3 135.5



Abundance Ion 92.80 (92.50 to 93.50): VN056329.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN056329.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN056329.D (-2296) (-)

9.21

100000

80000

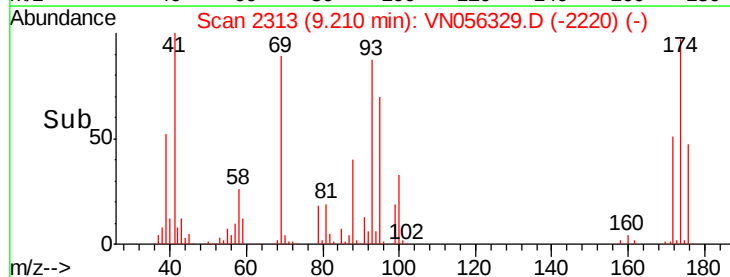
60000

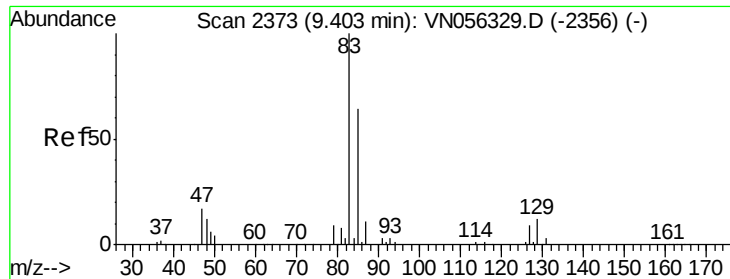
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 43.715 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :

MSVOA\_N

ClientSampleId :

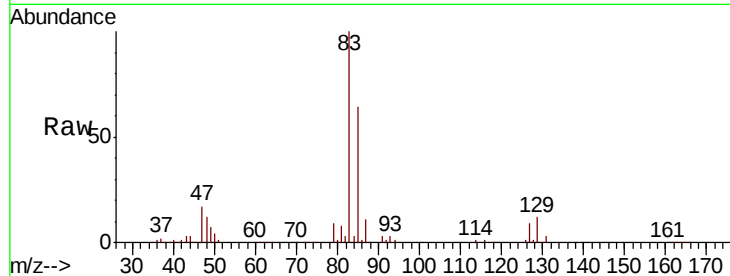
Tot Ion: 83 Resp: 251761

Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7

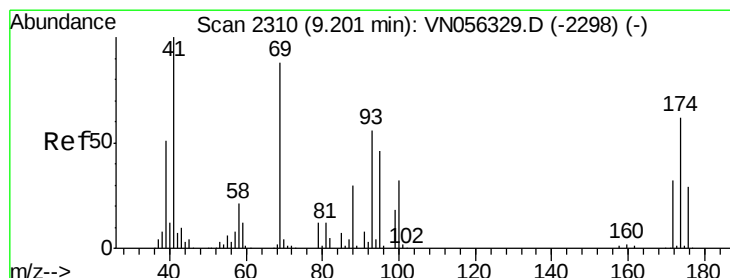
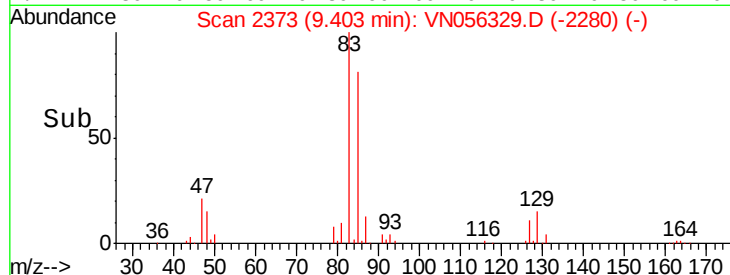
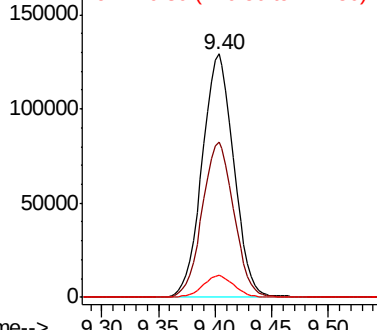
127 8.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 43.554 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

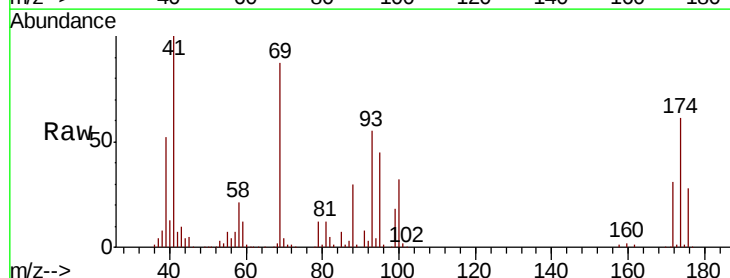
Tgt Ion: 41 Resp: 192309

Ion Ratio Lower Upper

41 100

69 88.8 71.0 106.6

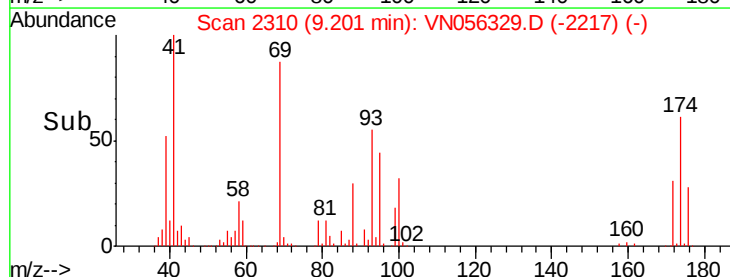
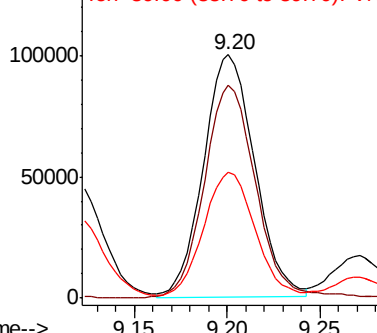
39 52.1 41.7 62.5

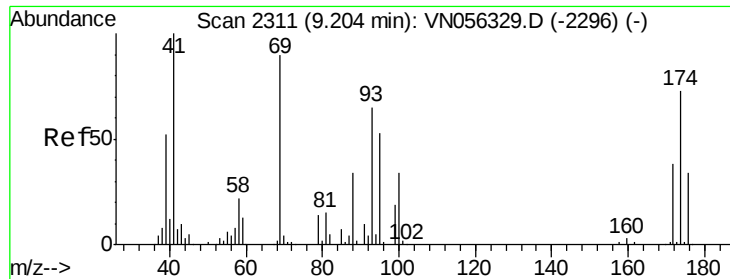


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 849.269 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

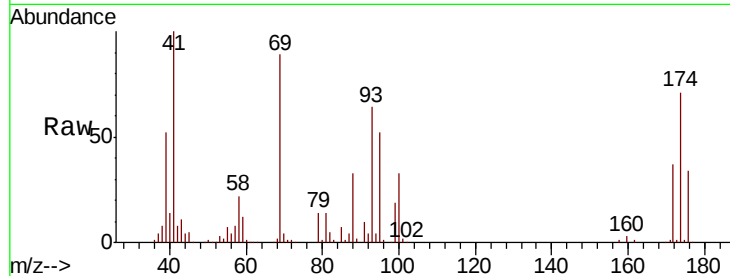
Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

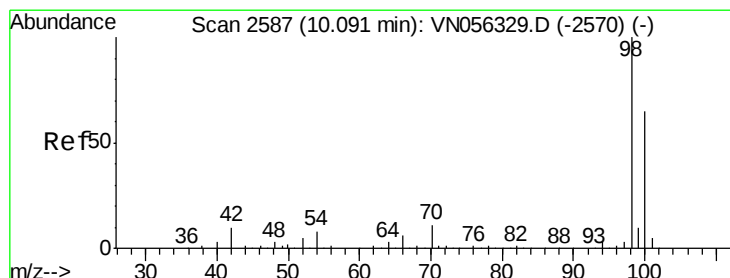
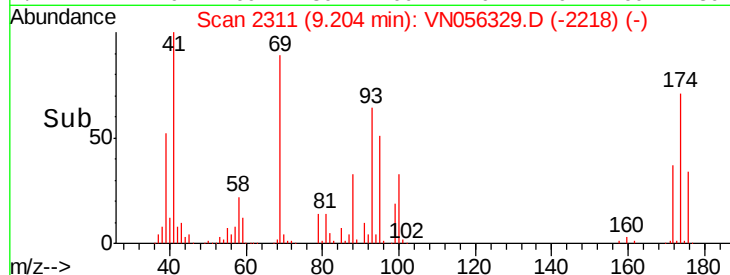
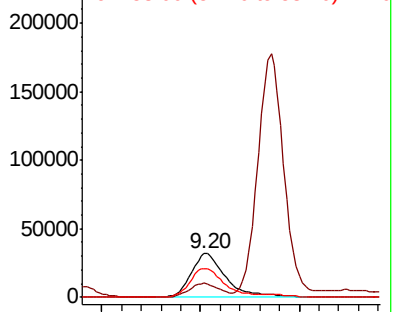
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 88 Resp: 78440

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 27.4  | 21.9  | 32.9  |
| 58  | 71.6  | 57.3  | 85.9  |



Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 39.969 ug/l

RT: 10.09 min Scan# 2587

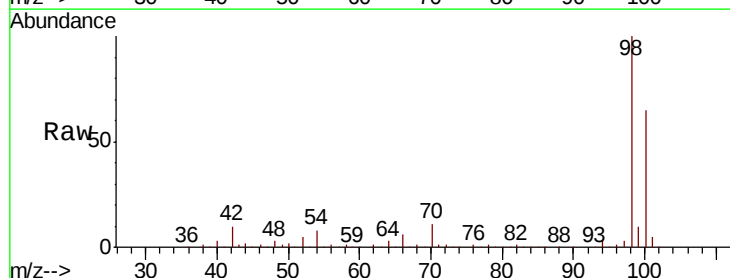
Delta R.T. 0.00 min

Lab File: VN056329.D

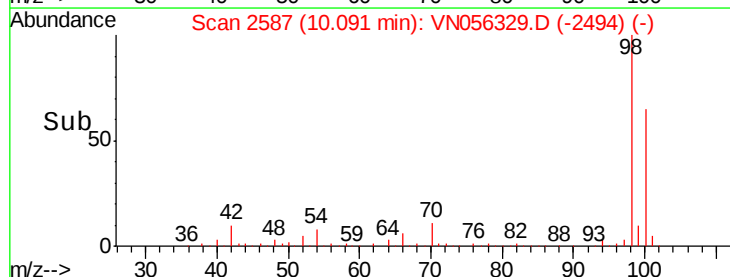
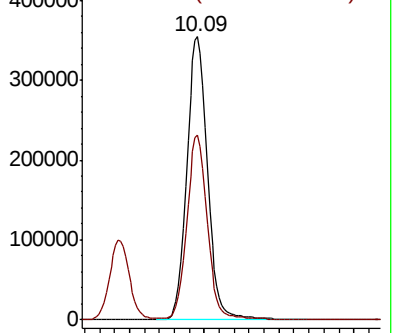
Acq: 17 Jun 2019 10:01

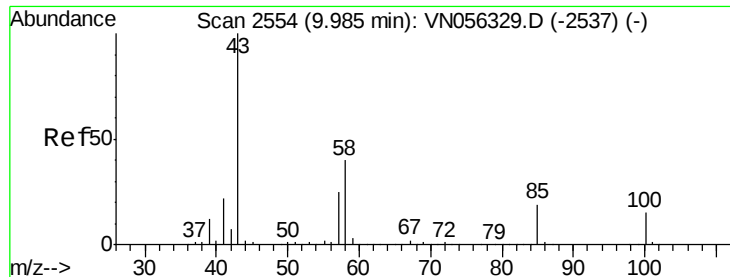
Tgt Ion: 98 Resp: 678955

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 64.5  | 51.6  | 77.4  |



Abundance Ion 98.00 (97.70 to 98.70): VN0  
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 218.049 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

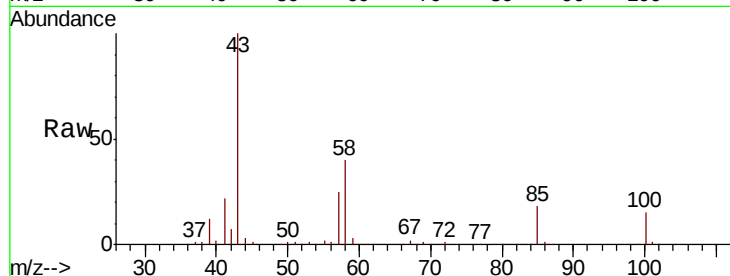
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 1229816

Ion Ratio Lower Upper

43 100

58 39.7 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN056329.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN056329.D (-2537) (-)

9.99

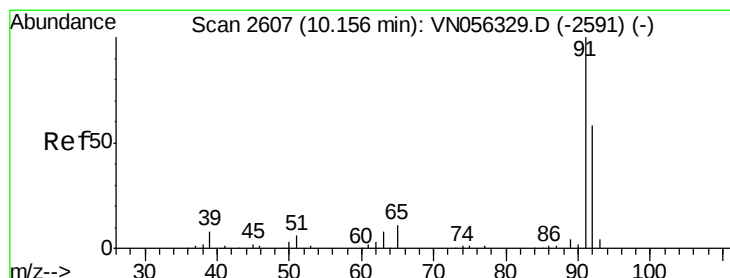
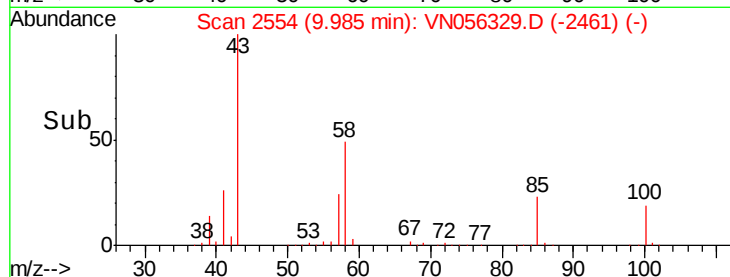
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 41.787 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056329.D

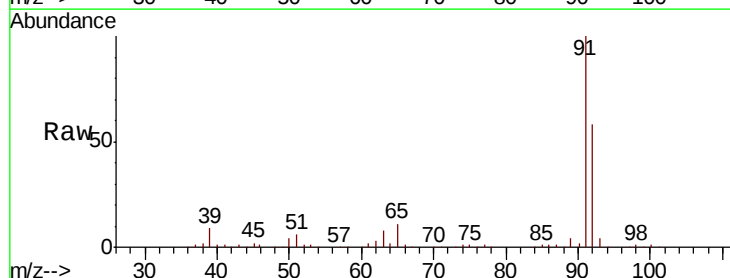
Acq: 17 Jun 2019 10:01

Tgt Ion: 92 Resp: 470430

Ion Ratio Lower Upper

92 100

91 173.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN056329.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN056329.D (-2591) (-)

10.16

500000

400000

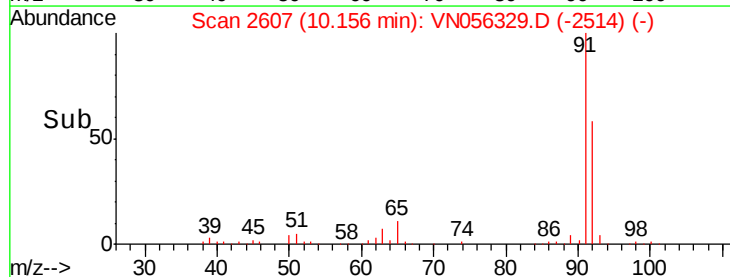
300000

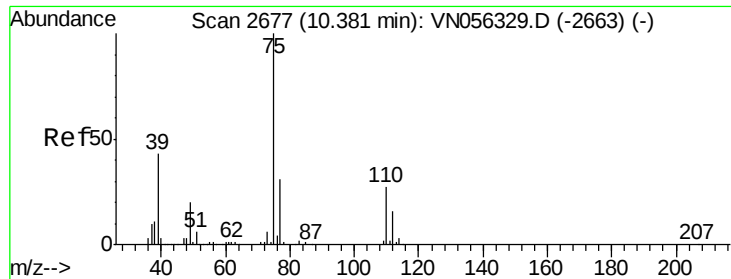
200000

100000

0

Time-->

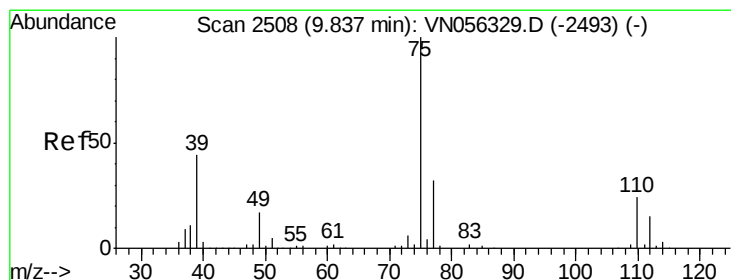
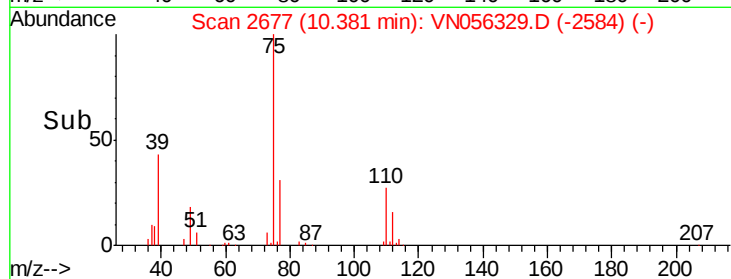
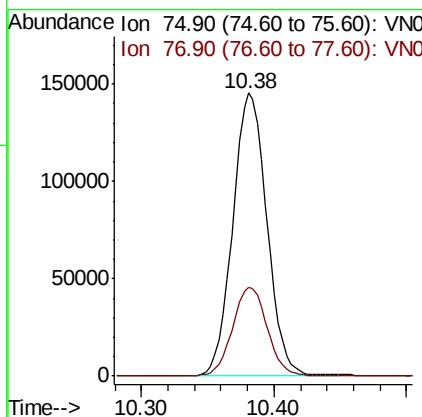
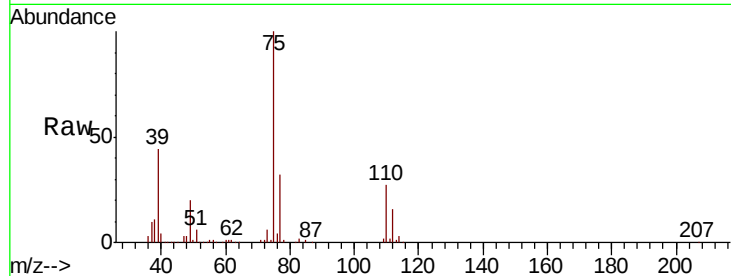




#53  
t-1,3-Dichloropropene  
Concen: 43.714 ug/l  
RT: 10.38 min Scan# 2677  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

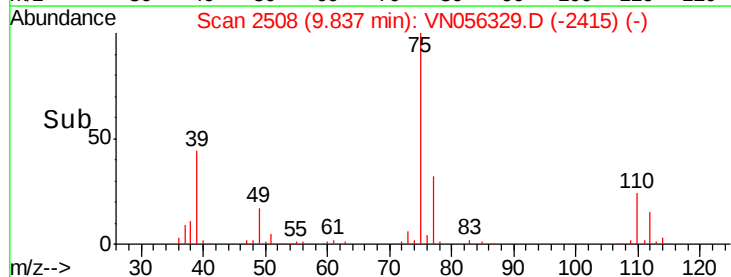
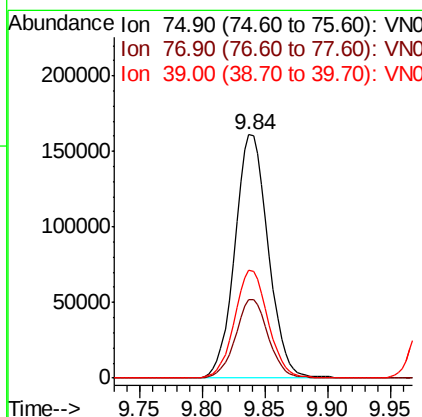
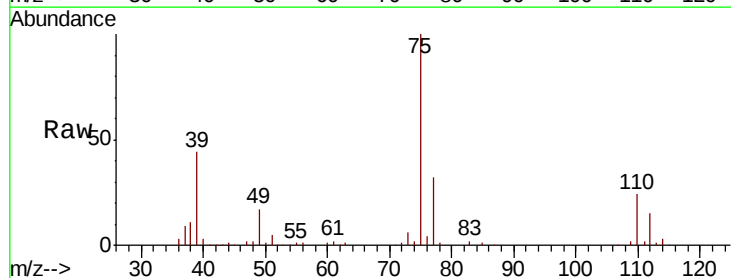
Instrument :  
MSVOA\_N  
ClientSampleId :

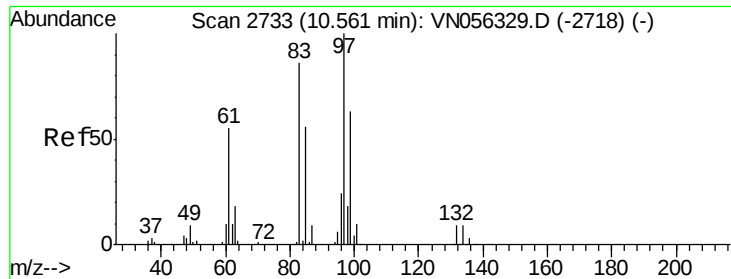
Tot Ion: 75 Resp: 259490  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 43.586 ug/l  
RT: 9.84 min Scan# 2508  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Tgt Ion: 75 Resp: 297215  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.7 38.5  
39 44.2 35.4 53.0

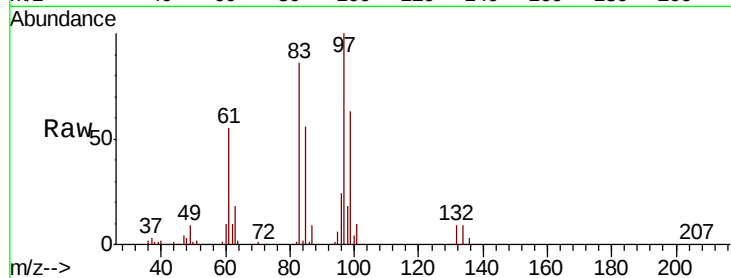




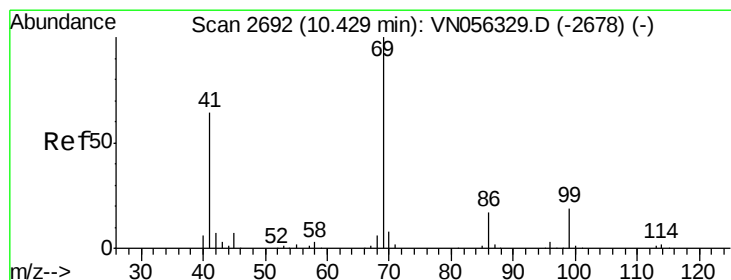
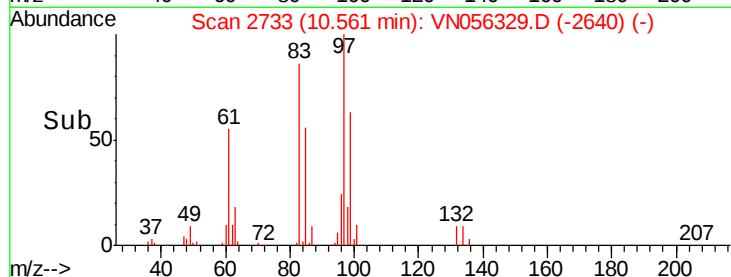
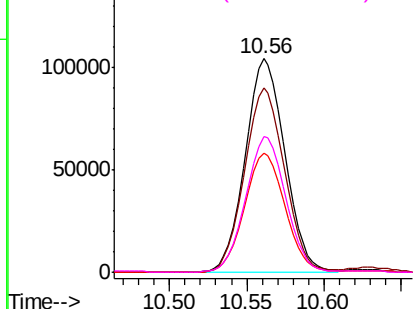
#55  
 1,1,2-Trichloroethane  
 Concen: 41.874 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VN056329.D  
 Acq: 17 Jun 2019 10:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 187308 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.2  | 69.0  | 103.4  |
| 85       | 55.8  | 44.6  | 67.0   |
| 99       | 63.1  | 50.5  | 75.7   |

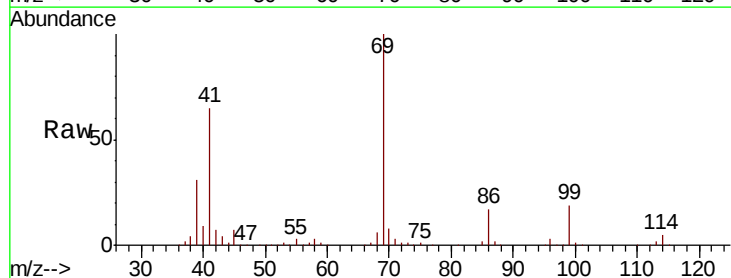


Abundance Ion 96.90 (96.60 to 97.60): VN0  
 Ion 82.90 (82.60 to 83.60): VN0  
 Ion 84.90 (84.60 to 85.60): VN0  
 Ion 98.90 (98.60 to 99.60): VN0

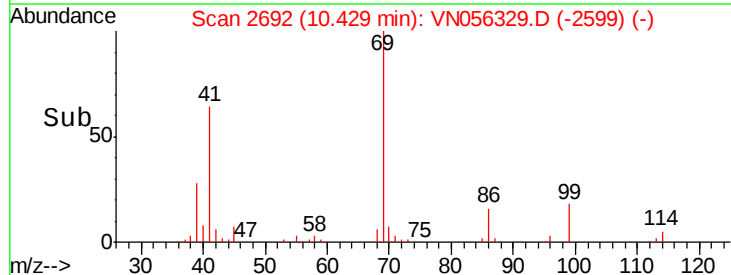
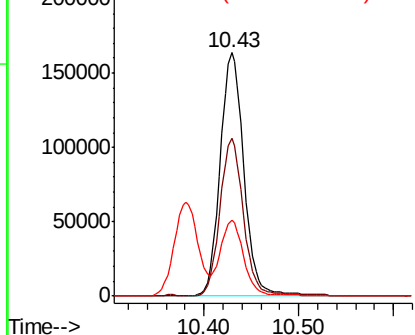


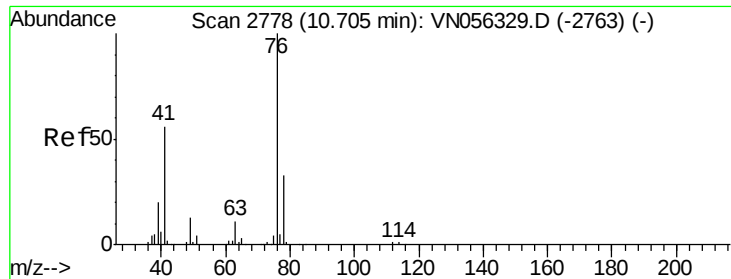
#56  
 Ethyl methacrylate  
 Concen: 42.778 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. 0.00 min  
 Lab File: VN056329.D  
 Acq: 17 Jun 2019 10:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 286027 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 65.0  | 52.0  | 78.0   |
| 39       | 30.5  | 24.4  | 36.6   |



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: 42.720 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :

MSVOA\_N

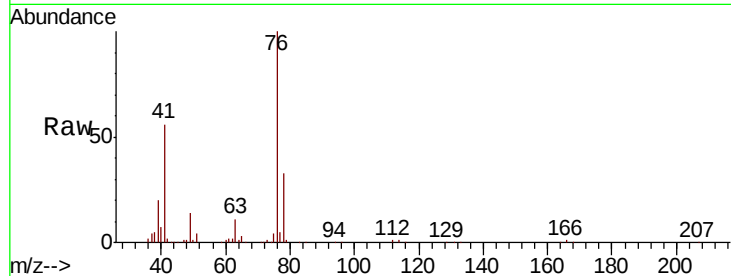
ClientSampleId :

Tot Ion: 76 Resp: 316773

Ion Ratio Lower Upper

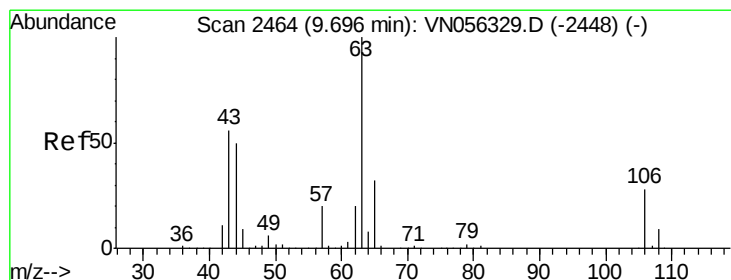
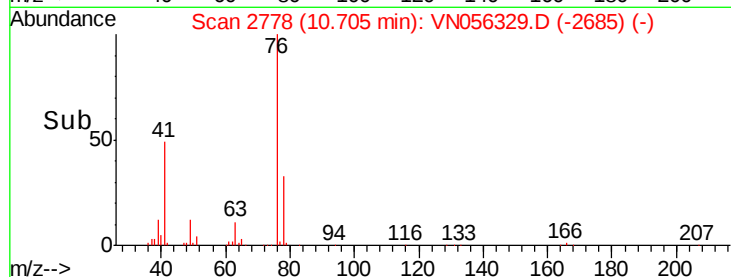
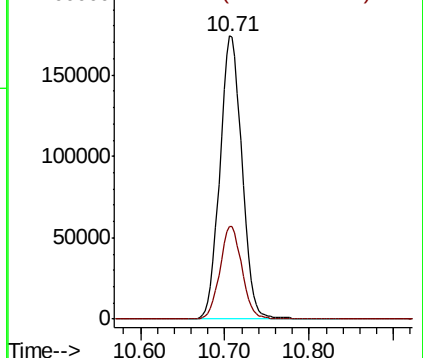
76 100

78 32.7 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VN056329.D (-2763) (-)

Ion 77.90 (77.60 to 78.60): VN056329.D (-2763) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 202.612 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN056329.D

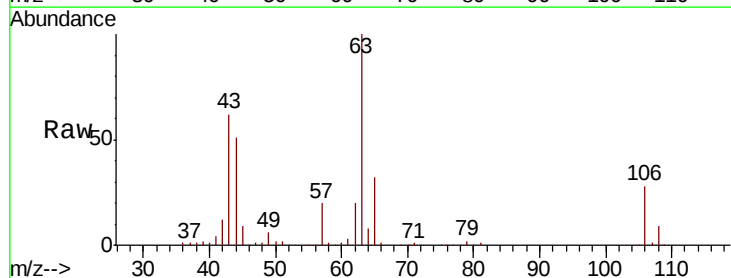
Acq: 17 Jun 2019 10:01

Tgt Ion: 63 Resp: 456928

Ion Ratio Lower Upper

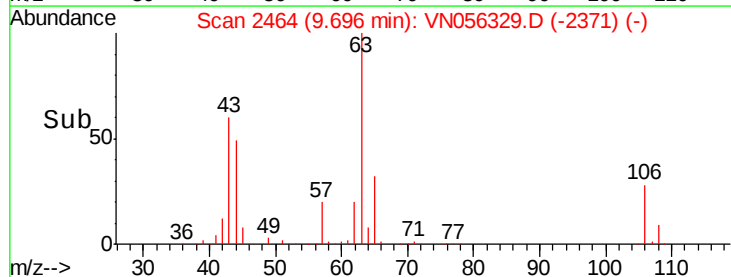
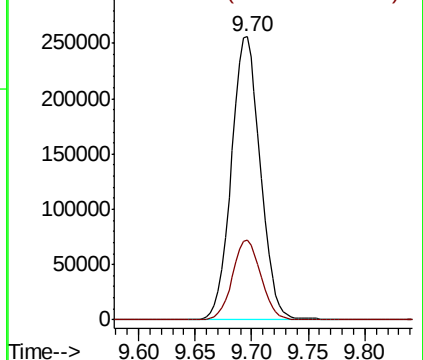
63 100

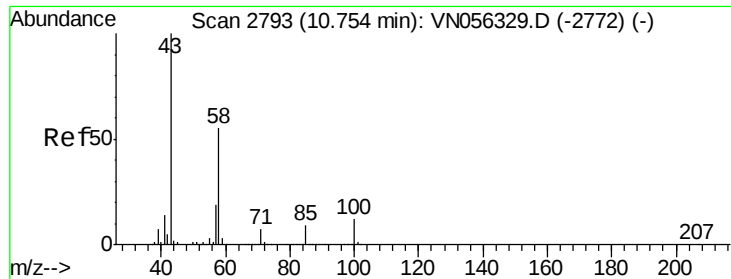
106 27.7 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VN056329.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN056329.D (-2448) (-)

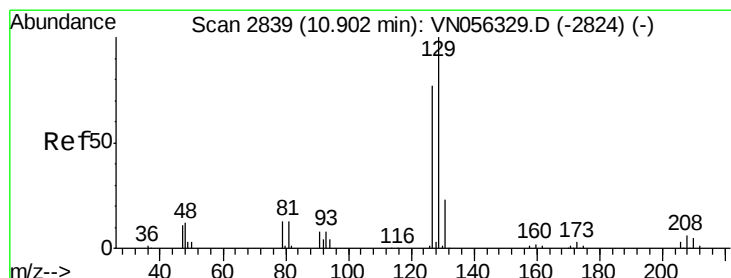
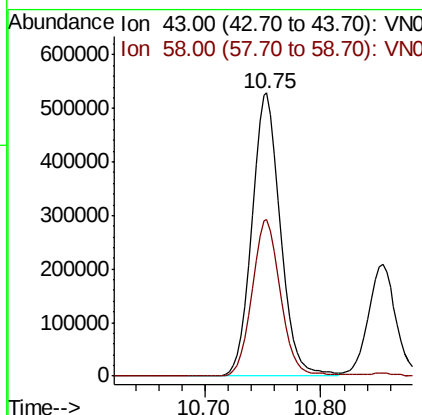
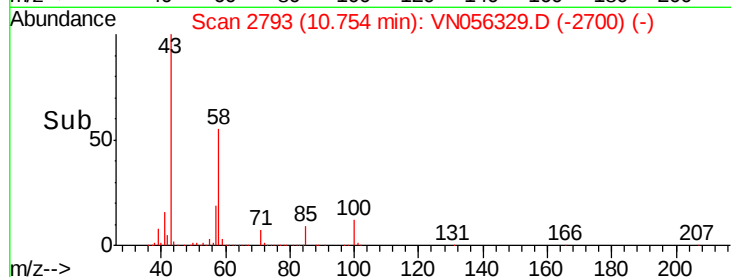
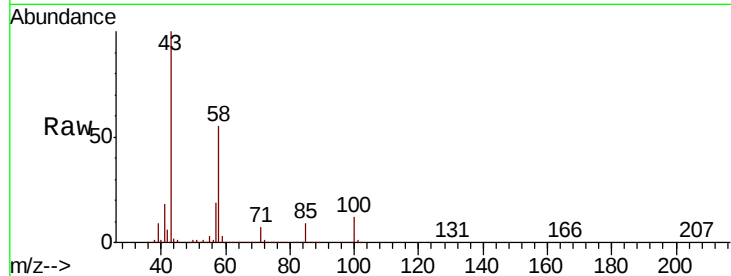




#59  
2-Hexanone  
Concen: 219.918 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

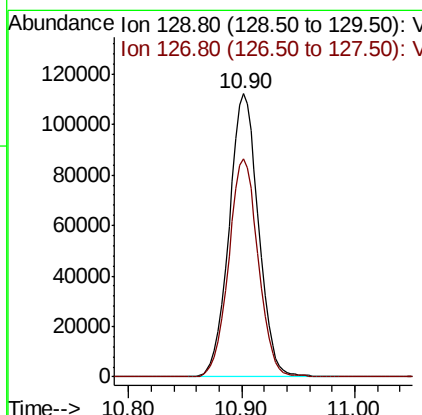
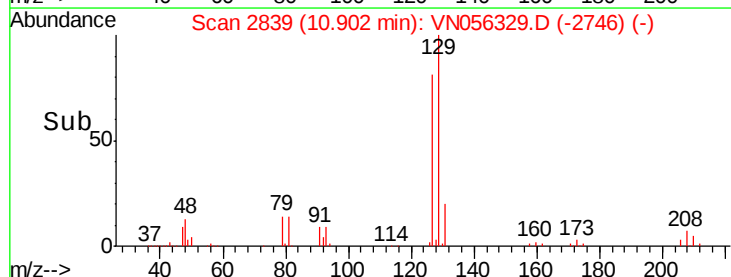
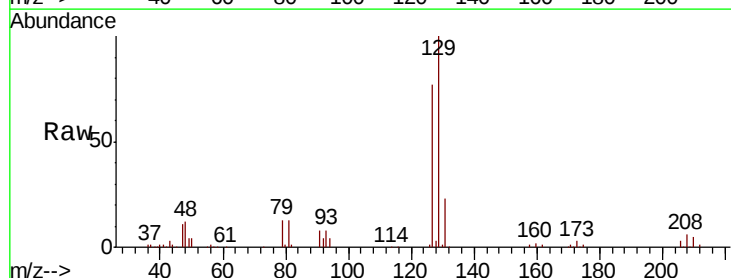
Instrument :  
MSVOA\_N  
ClientSampleId :

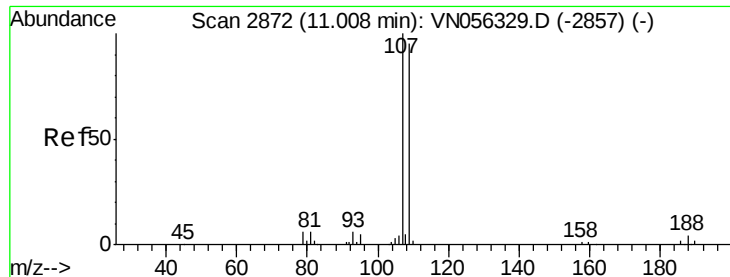
Tot Ion: 43 Resp: 907885  
Ion Ratio Lower Upper  
43 100  
58 55.6 27.8 83.4



#60  
Dibromochloromethane  
Concen: 44.433 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Tgt Ion: 129 Resp: 202489  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.6 116.0

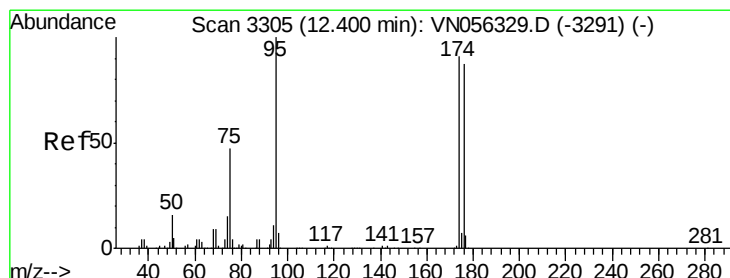
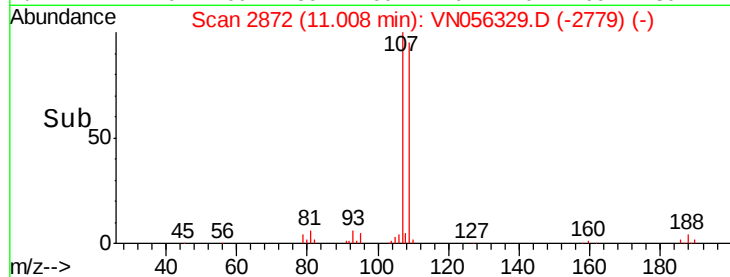
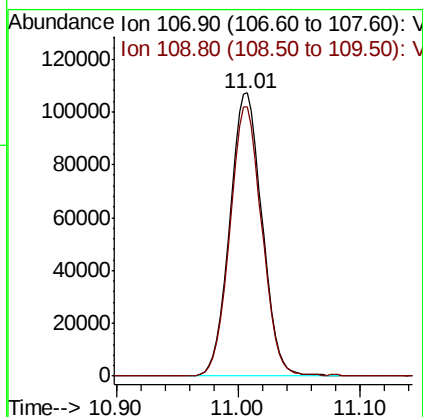
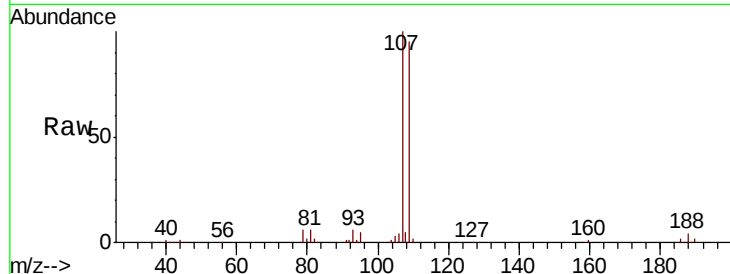




#61  
 1,2-Dibromoethane  
 Concen: 42.448 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. 0.00 min  
 Lab File: VN056329.D  
 Acq: 17 Jun 2019 10:01

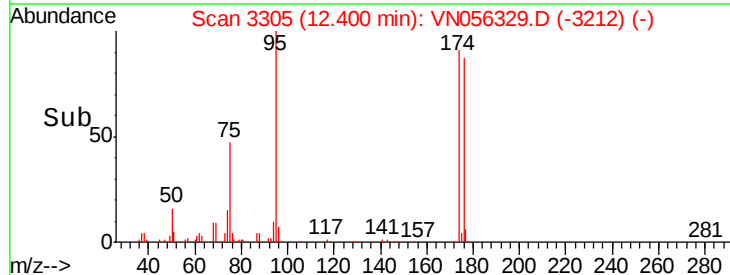
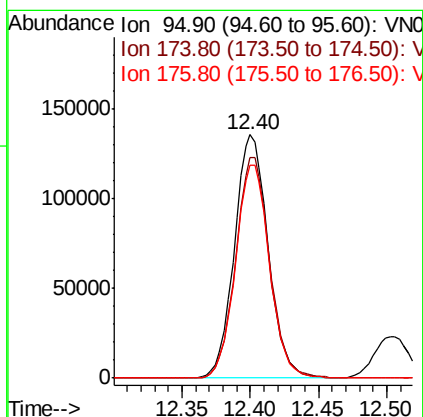
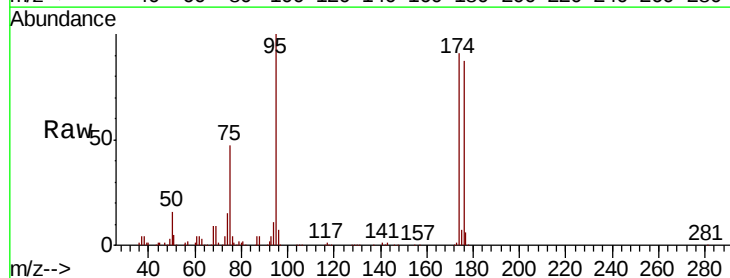
Instrument :  
 MSVOA\_N  
 ClientSampleId :

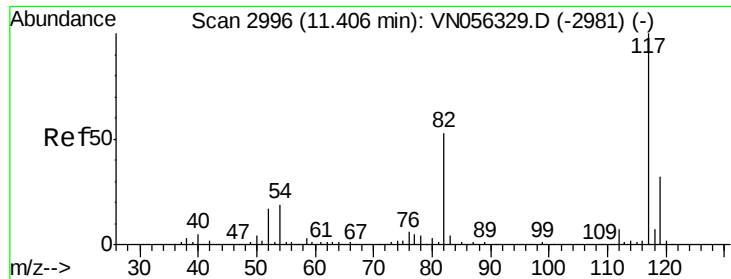
Tot Ion: 107 Resp: 197316  
 Ion Ratio Lower Upper  
 107 100  
 109 94.3 75.4 113.2



#62  
 4-Bromofluorobenzene  
 Concen: 39.932 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.00 min  
 Lab File: VN056329.D  
 Acq: 17 Jun 2019 10:01

Tgt Ion: 95 Resp: 231762  
 Ion Ratio Lower Upper  
 95 100  
 174 91.3 0.0 182.6  
 176 88.4 0.0 176.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :

MSVOA\_N

ClientSampled :

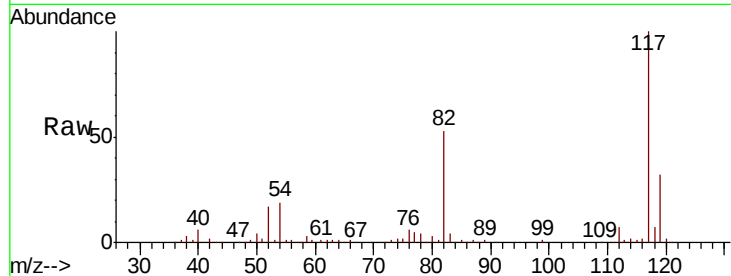
Tot Ion:117 Resp: 492803

Ion Ratio Lower Upper

117 100

82 53.0 42.4 63.6

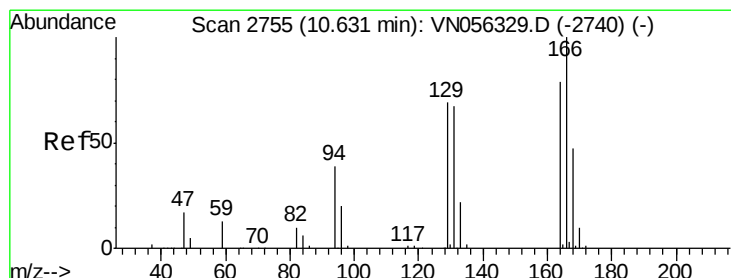
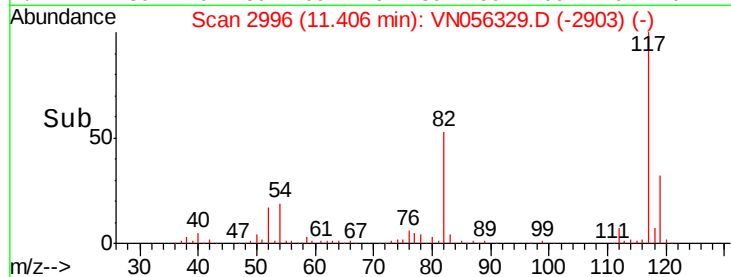
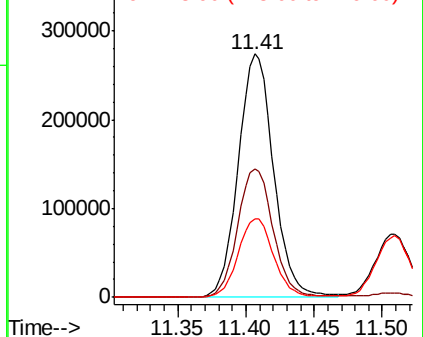
119 32.5 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 38.410 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Tgt Ion:164 Resp: 199185

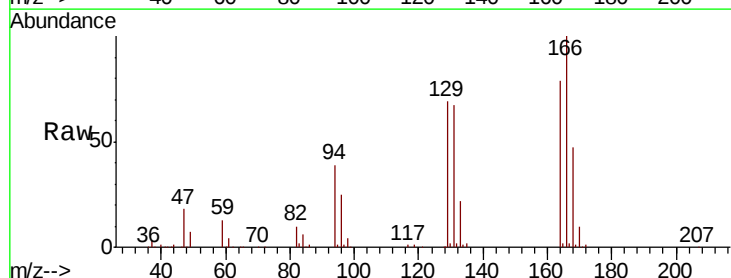
Ion Ratio Lower Upper

164 100

166 127.2 101.8 152.6

129 87.9 70.3 105.5

131 85.3 68.2 102.4

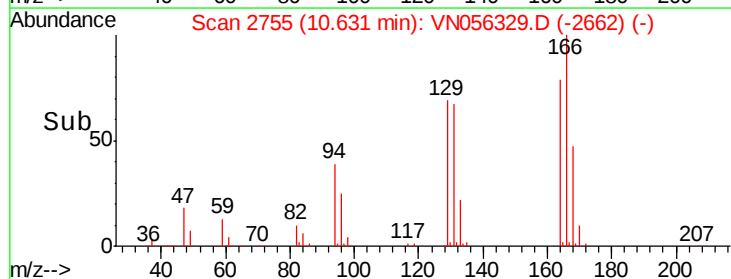
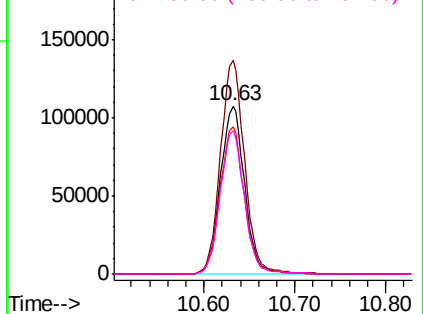


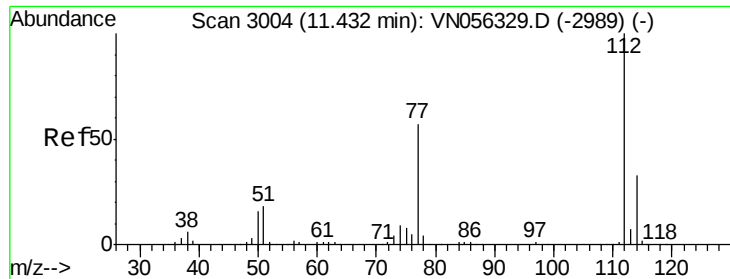
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

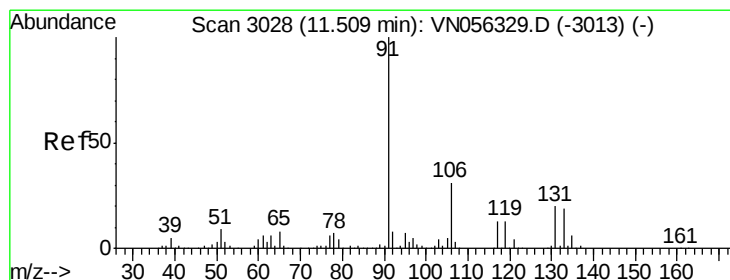
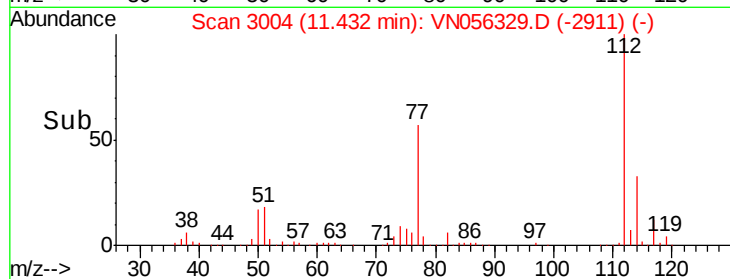
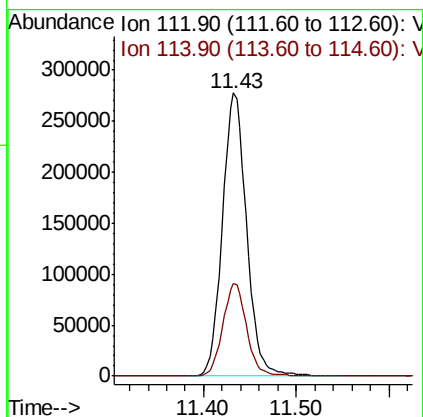
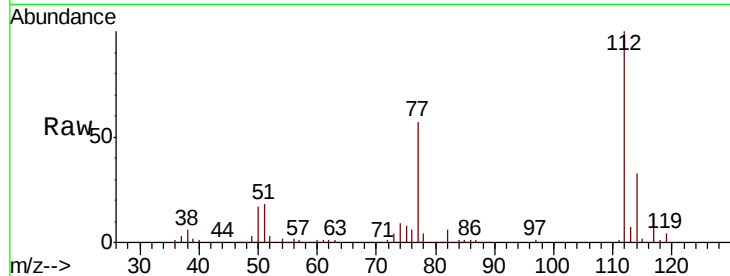




#65  
Chlorobenzene  
Concen: 40.452 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

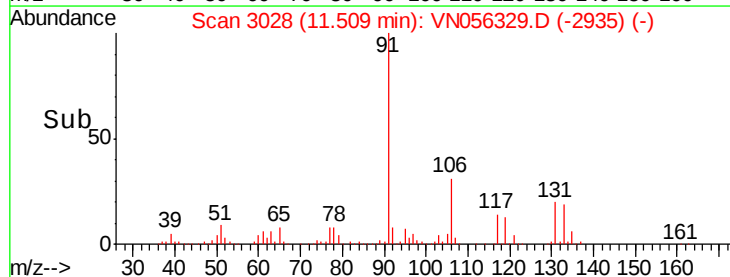
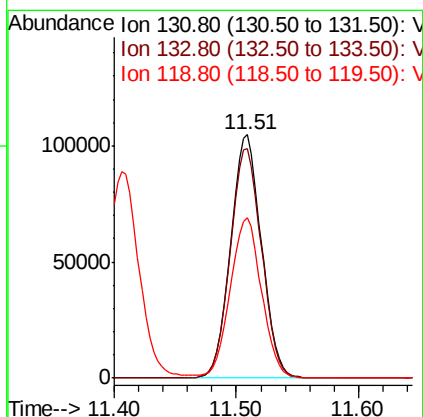
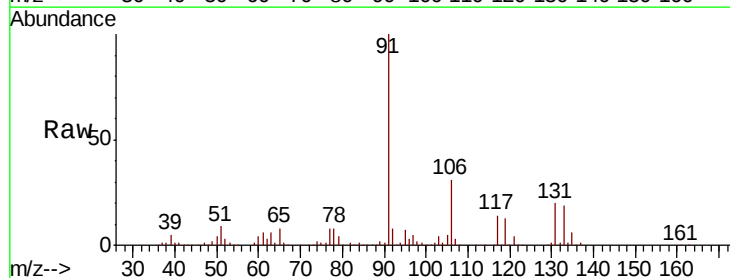
Instrument :  
MSVOA\_N  
ClientSampleId :

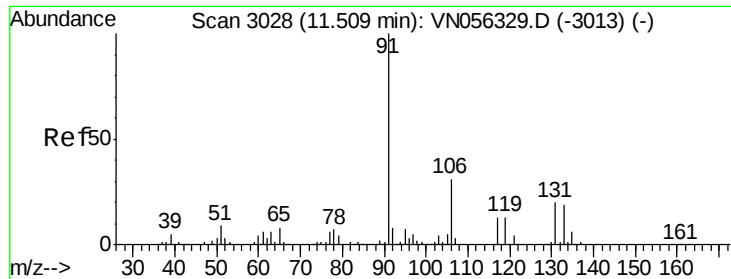
Tot Ion:112 Resp: 501669  
Ion Ratio Lower Upper  
112 100  
114 32.6 26.1 39.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 42.168 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Tgt Ion:131 Resp: 184280  
Ion Ratio Lower Upper  
131 100  
133 95.8 47.9 143.7  
119 67.0 33.5 100.5

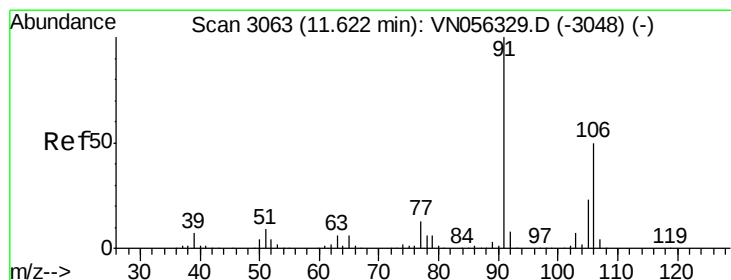
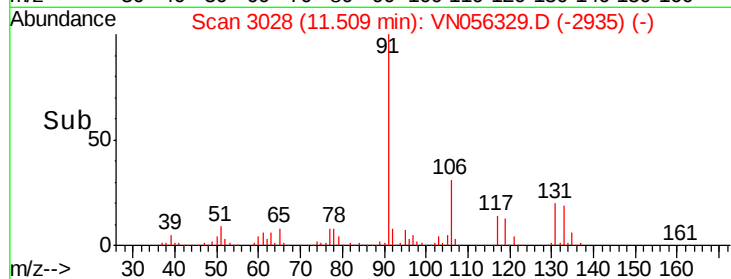
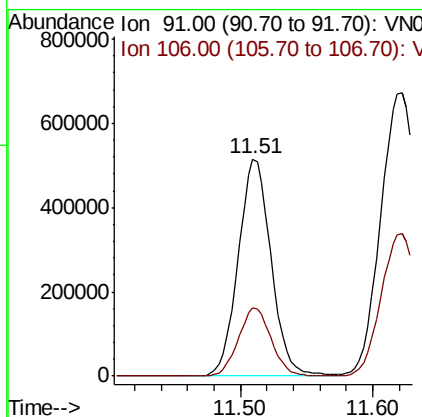
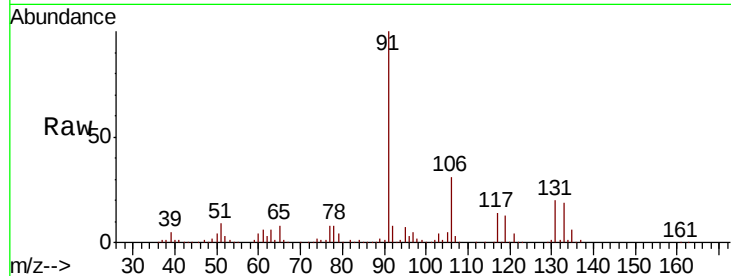




#67  
Ethyl Benzene  
Concen: 40.967 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

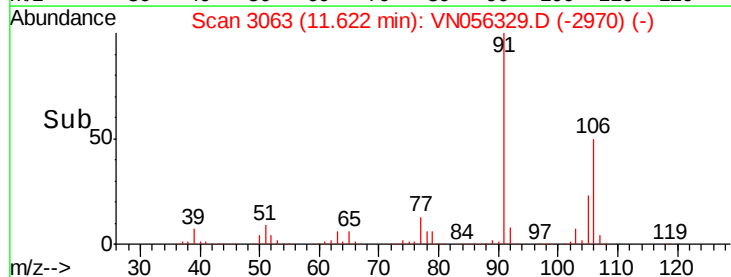
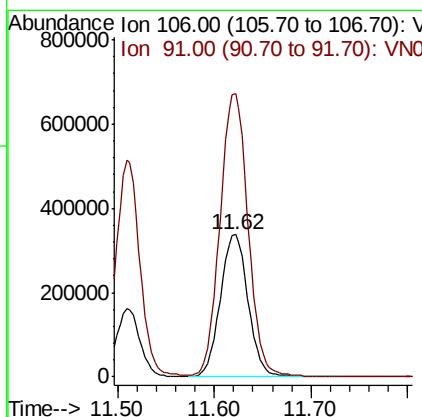
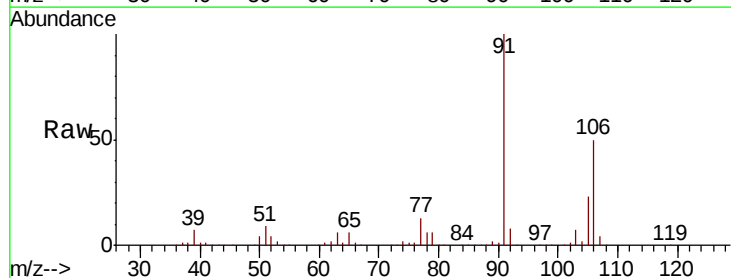
Instrument :  
MSVOA\_N  
ClientSampled :

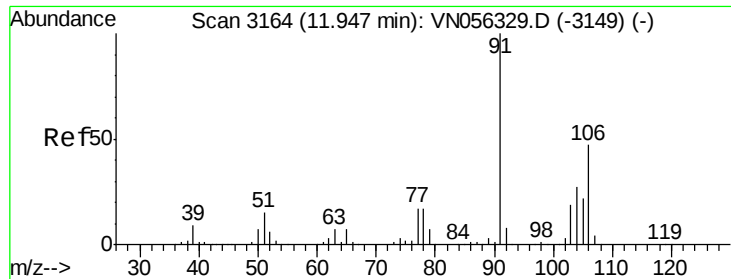
Tot Ion: 91 Resp: 887047  
Ion Ratio Lower Upper  
91 100  
106 31.3 25.0 37.6



#68  
m/p-Xylenes  
Concen: 81.872 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Tgt Ion: 106 Resp: 675296  
Ion Ratio Lower Upper  
106 100  
91 200.9 160.7 241.1

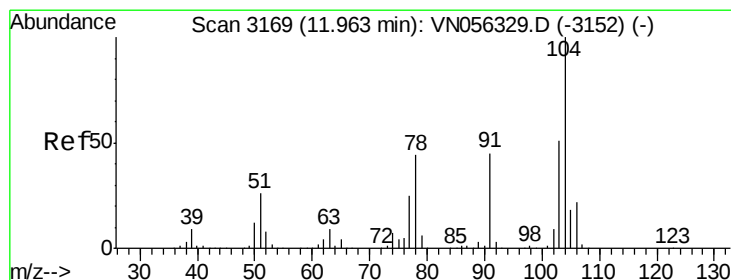
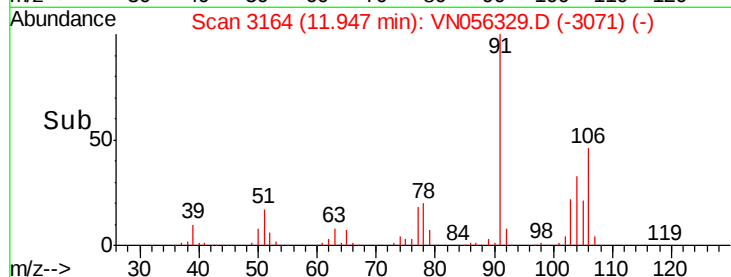
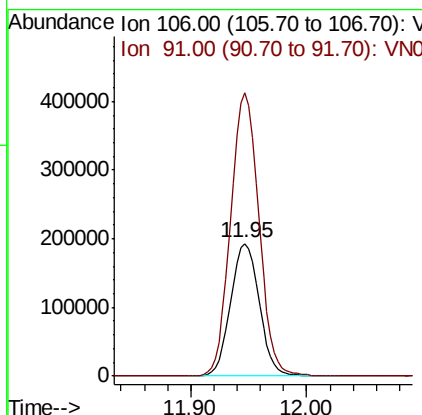
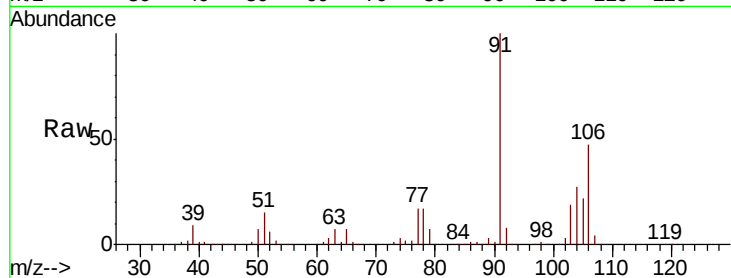




#69  
o-Xylene  
Concen: 40.736 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

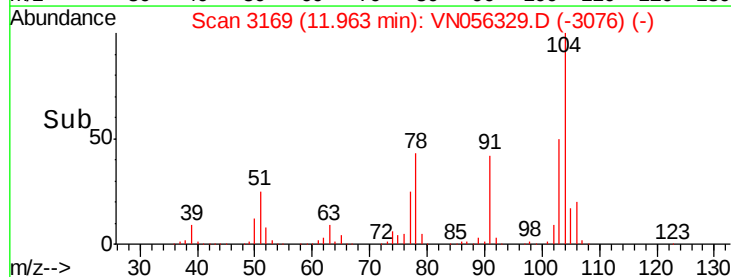
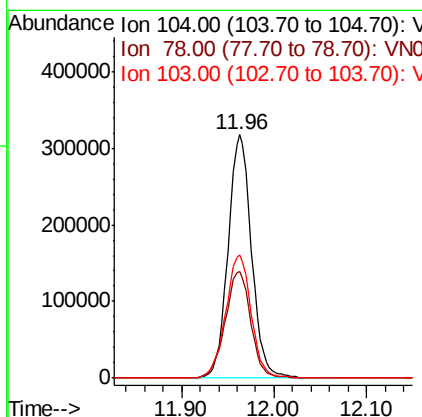
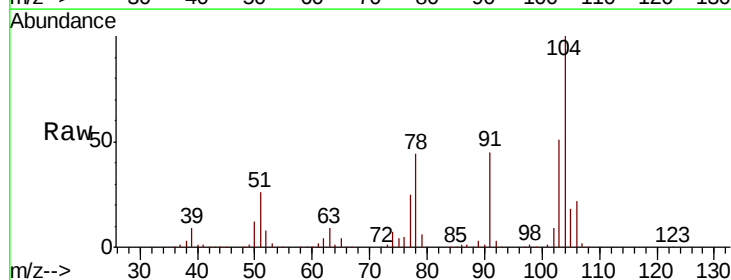
Instrument :  
MSVOA\_N  
ClientSampled :

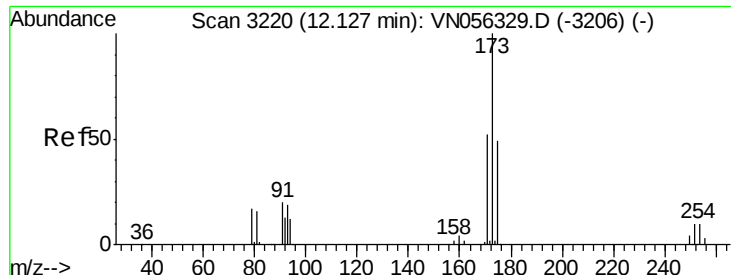
Tot Ion:106 Resp: 329432  
Ion Ratio Lower Upper  
106 100  
91 211.1 105.6 316.7



#70  
Styrene  
Concen: 42.233 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Tgt Ion:104 Resp: 555111  
Ion Ratio Lower Upper  
104 100  
78 48.0 38.4 57.6  
103 55.0 44.0 66.0





#71

Bromoform

Concen: 44.792 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :

MSVOA\_N

ClientSampled :

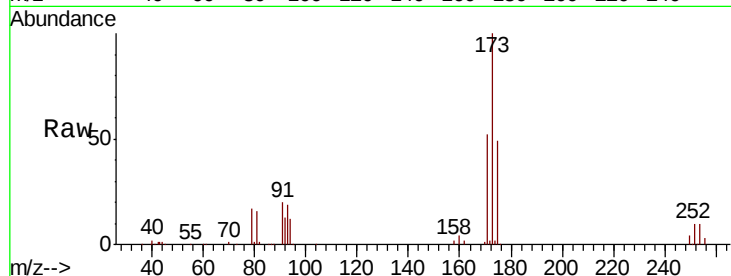
Tot Ion:173 Resp: 151503

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

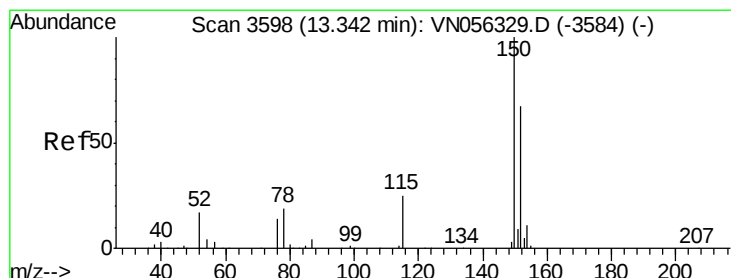
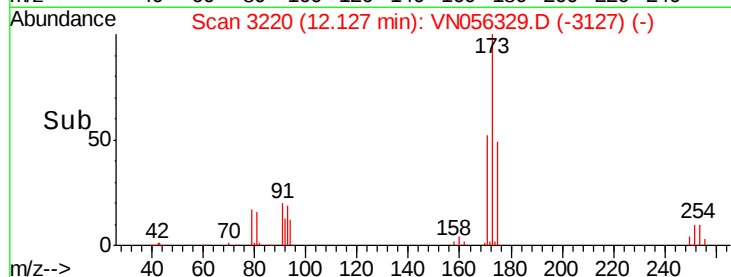
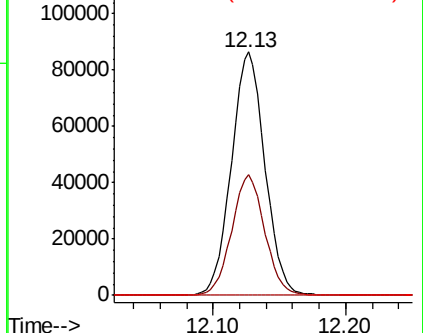
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

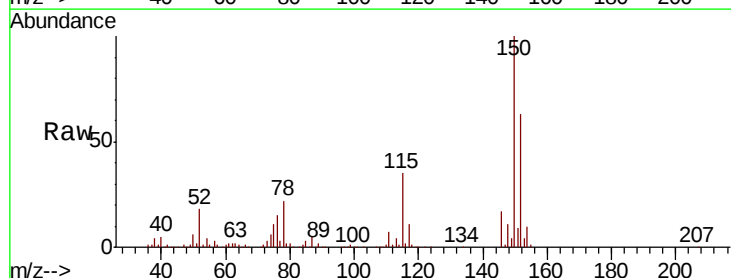
Tgt Ion:152 Resp: 215491

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.3

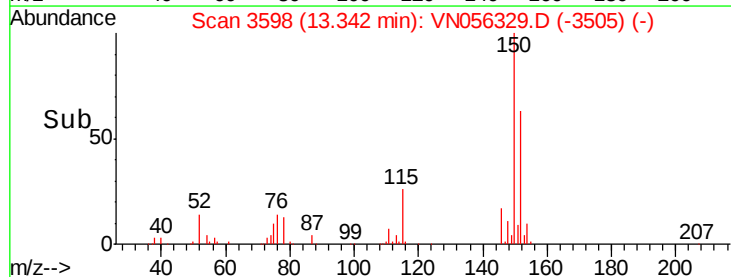
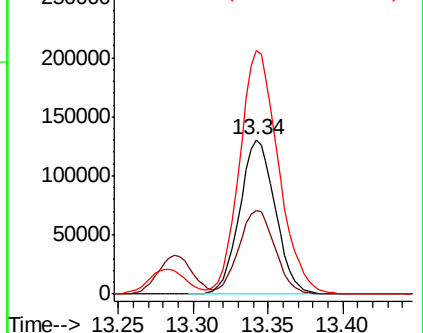
150 172.9 0.0 345.8

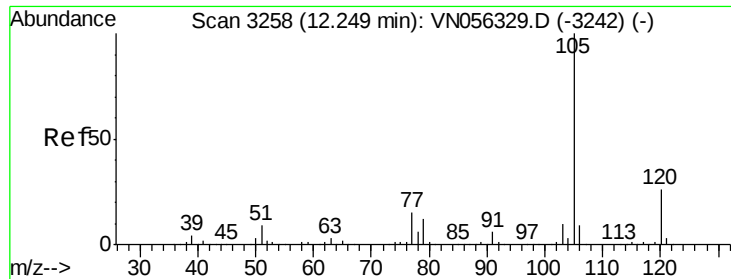


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 39.557 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :

MSVOA\_N

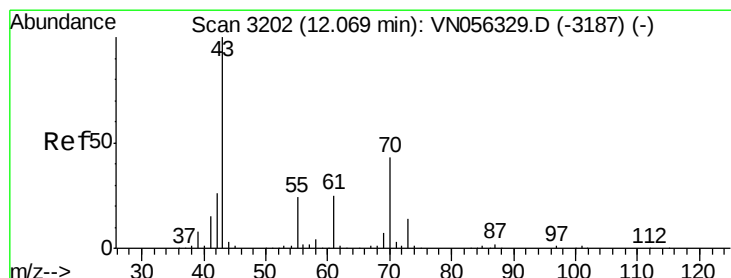
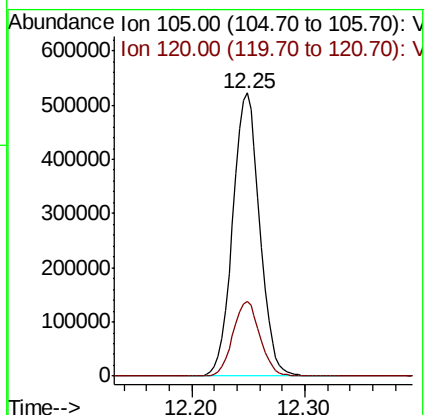
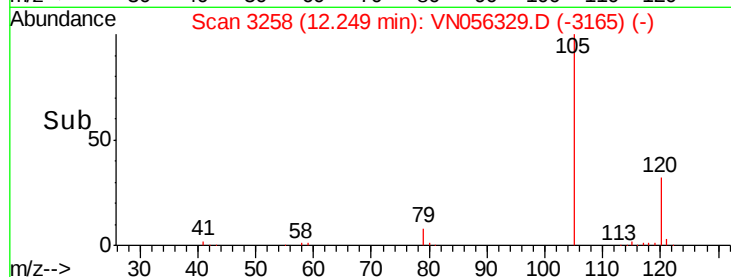
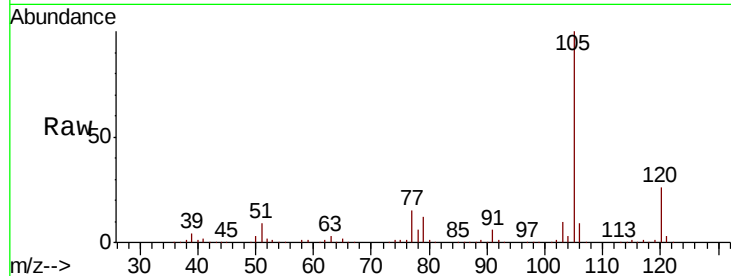
ClientSampleId :

Tot Ion:105 Resp: 865218

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 42.245 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Tgt Ion: 43 Resp: 319621

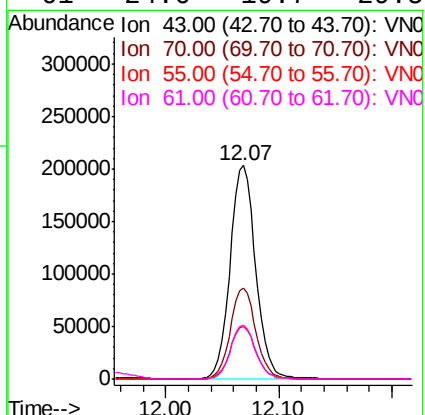
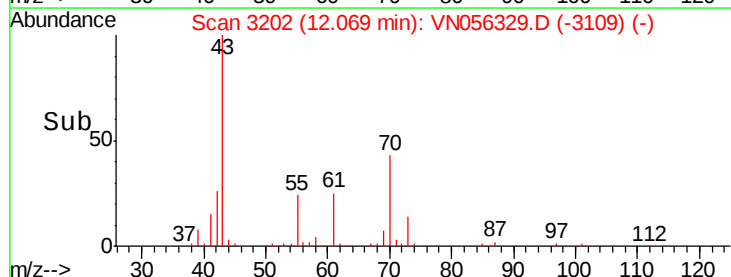
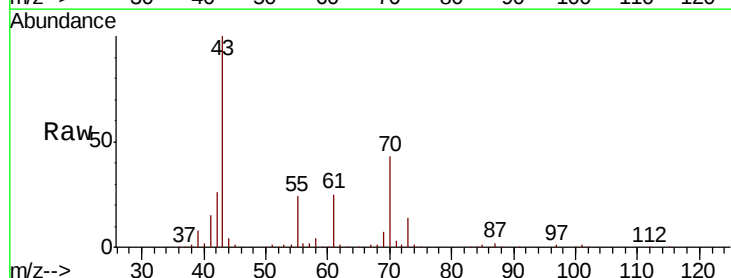
Ion Ratio Lower Upper

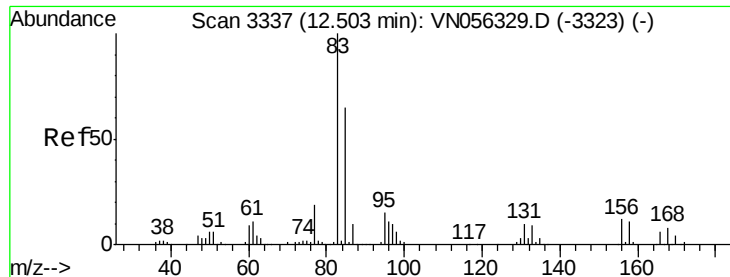
43 100

70 42.7 34.2 51.2

55 24.9 19.9 29.9

61 24.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 41.208 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :

MSVOA\_N

ClientSampleId :

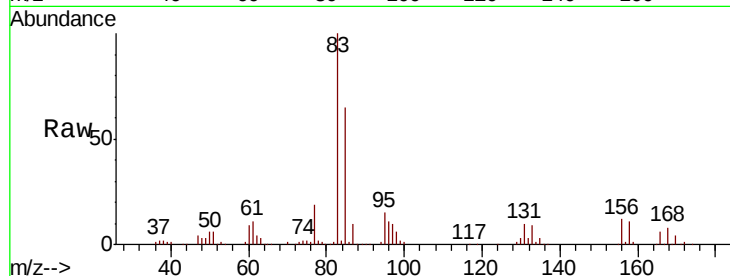
Tot Ion: 83 Resp: 267263

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

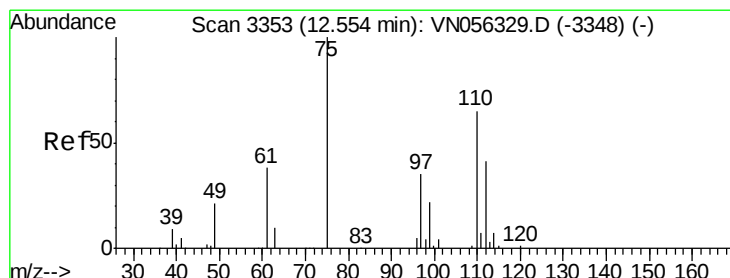
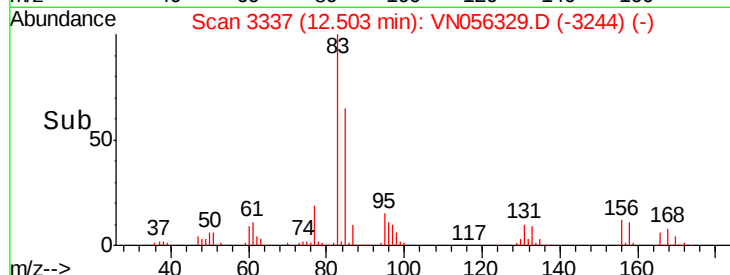
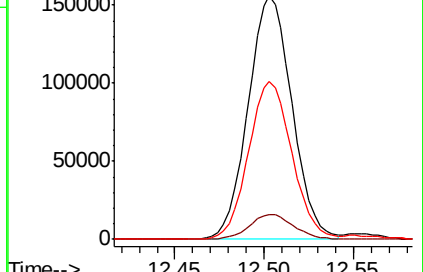
85 64.4 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN056329.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN056329.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN056329.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 60.993 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056329.D

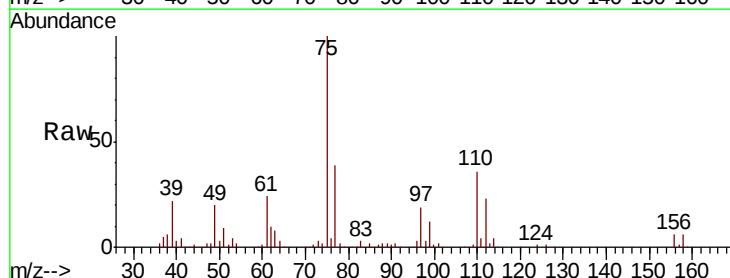
Acq: 17 Jun 2019 10:01

Tgt Ion: 75 Resp: 317127

Ion Ratio Lower Upper

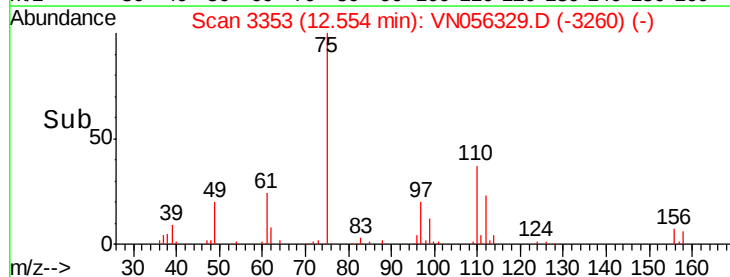
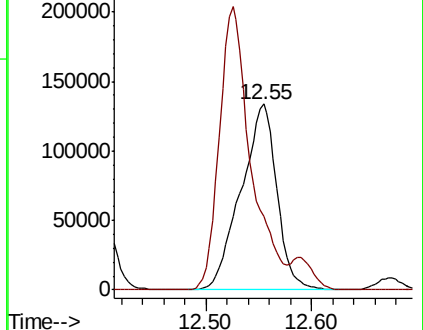
75 100

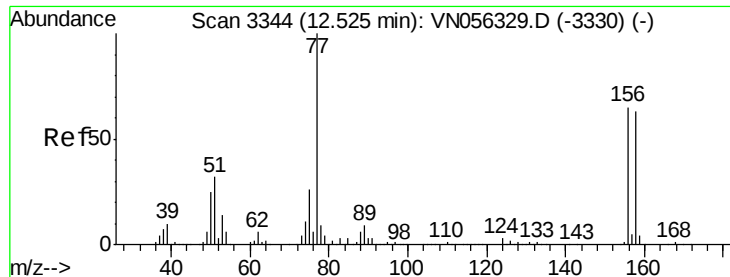
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056329.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN056329.D (-3348) (-)





#77

Bromobenzene

Concen: 39.457 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :

MSVOA\_N

ClientSampled :

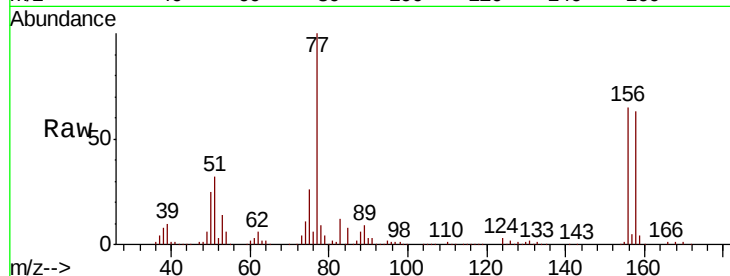
Tot Ion:156 Resp: 227732

Ion Ratio Lower Upper

156 100

77 185.8 92.9 278.7

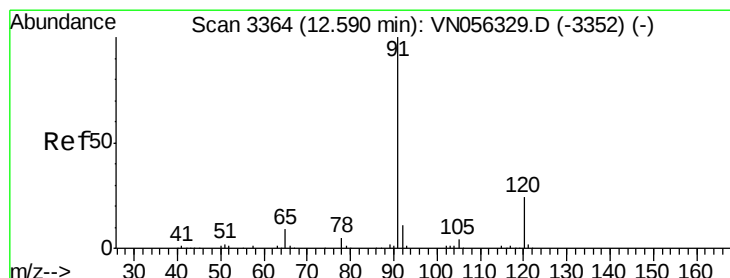
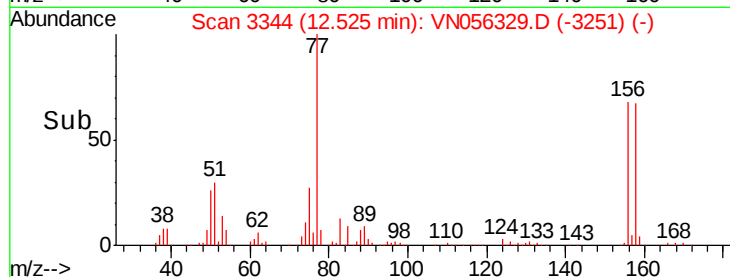
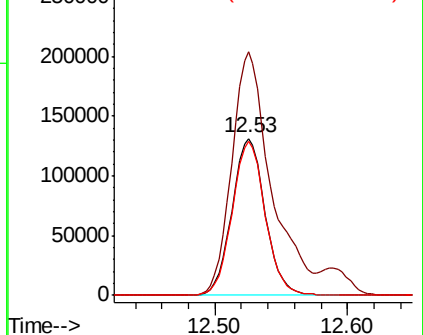
158 98.1 49.0 147.2



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: 40.778 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056329.D

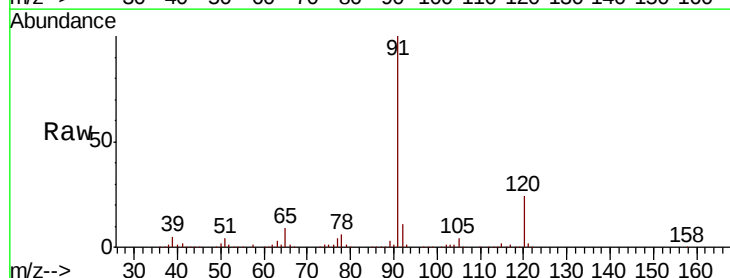
Acq: 17 Jun 2019 10:01

Tgt Ion: 91 Resp: 952772

Ion Ratio Lower Upper

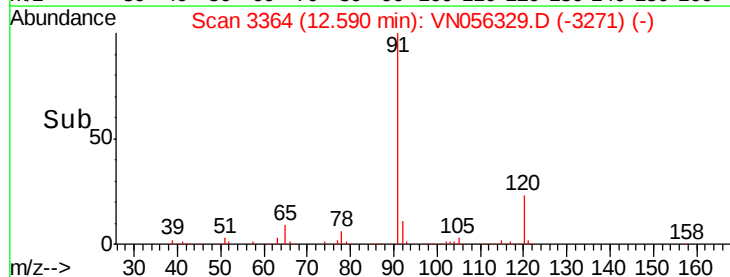
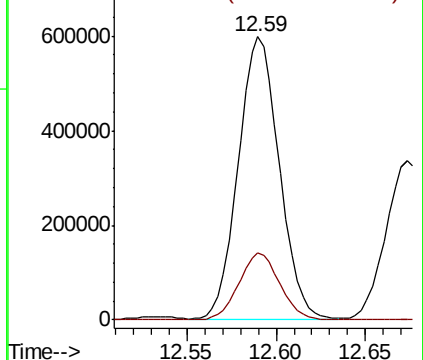
91 100

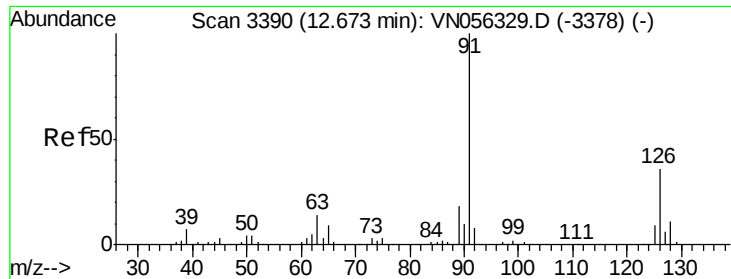
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

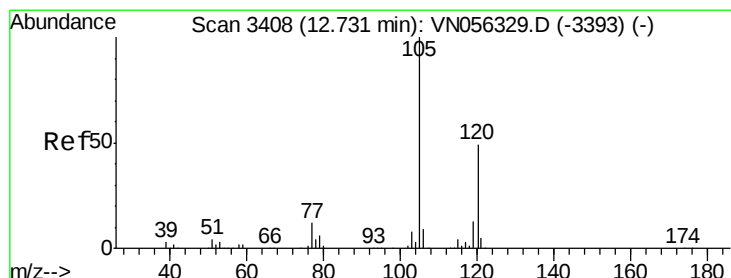
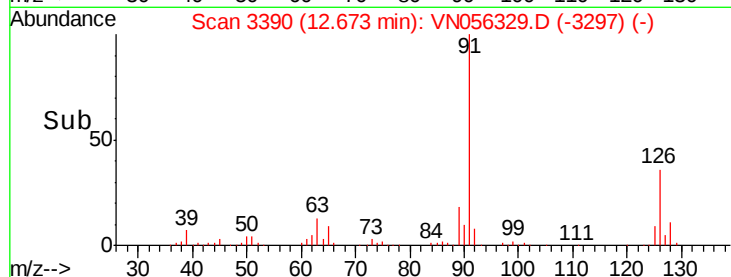
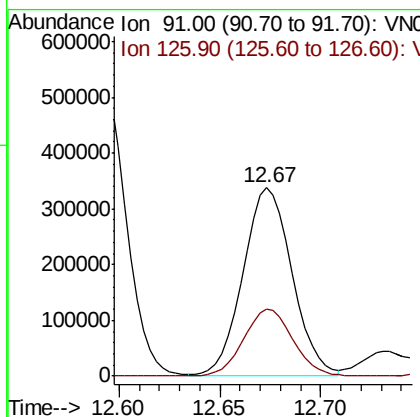
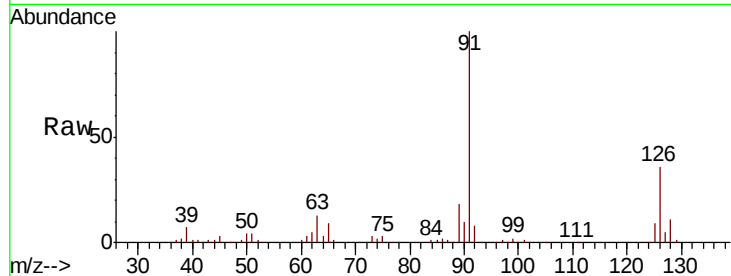




#79  
 2-Chlorotoluene  
 Concen: 39.492 ug/l  
 RT: 12.67 min Scan# 3390  
 Delta R.T. 0.00 min  
 Lab File: VN056329.D  
 Acq: 17 Jun 2019 10:01

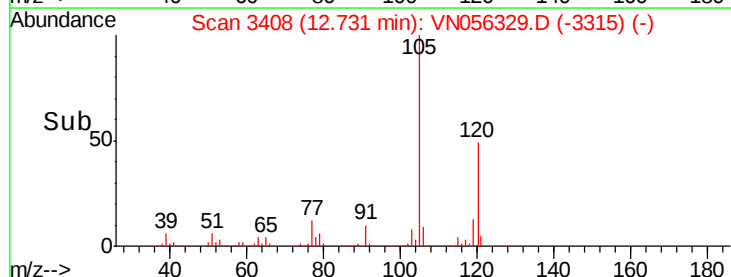
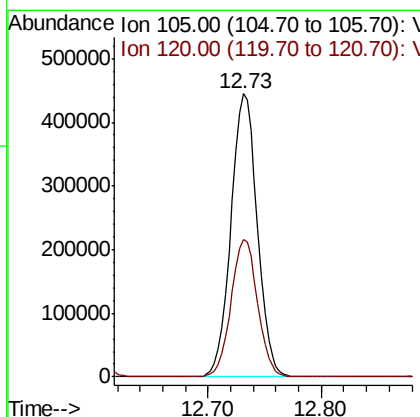
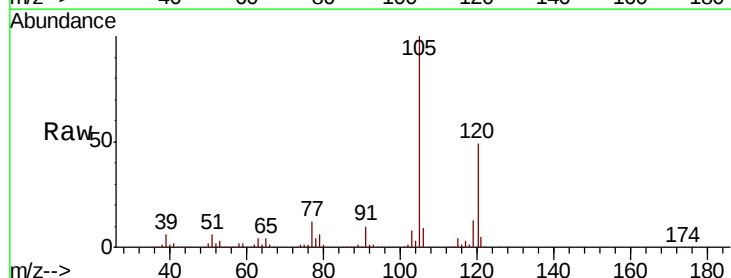
Instrument :  
 MSVOA\_N  
 ClientSampled :

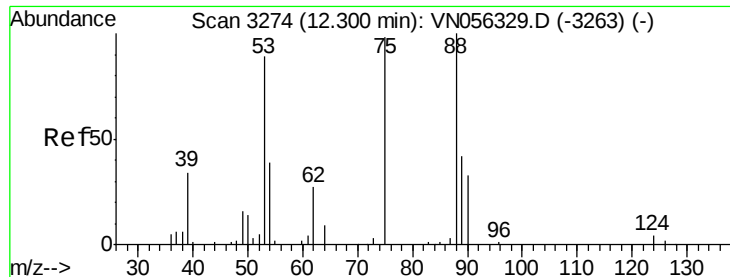
Tot Ion: 91 Resp: 570884  
 Ion Ratio Lower Upper  
 91 100  
 126 36.0 18.0 54.0



#80  
 1,3,5-Trimethylbenzene  
 Concen: 39.517 ug/l  
 RT: 12.73 min Scan# 3408  
 Delta R.T. 0.00 min  
 Lab File: VN056329.D  
 Acq: 17 Jun 2019 10:01

Tgt Ion: 105 Resp: 719558  
 Ion Ratio Lower Upper  
 105 100  
 120 48.9 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 41.767 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :

MSVOA\_N

ClientSampleId :

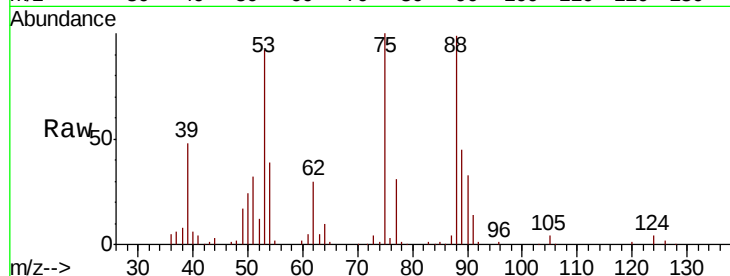
Tot Ion: 75 Resp: 73133

Ion Ratio Lower Upper

75 100

53 91.9 73.5 110.3

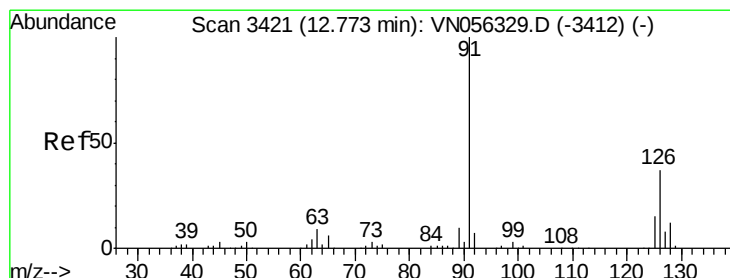
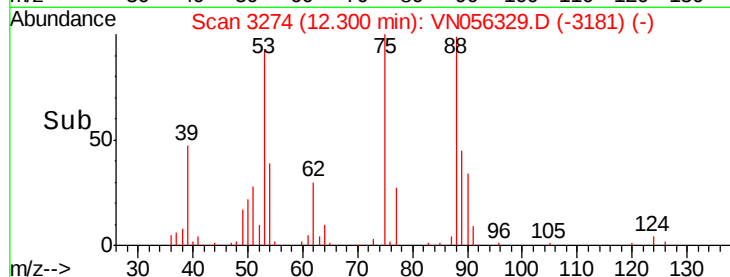
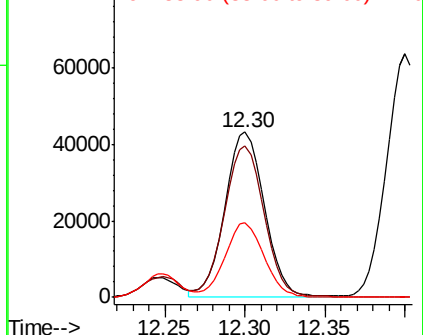
89 44.3 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 40.912 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056329.D

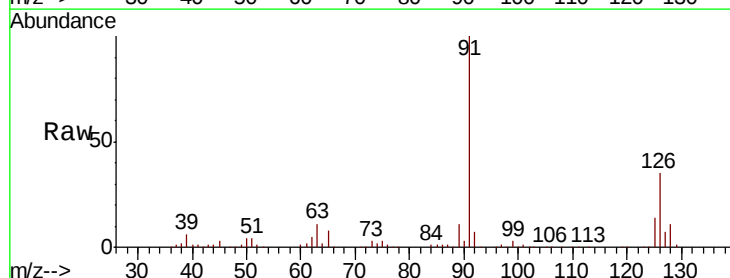
Acq: 17 Jun 2019 10:01

Tgt Ion: 91 Resp: 560601

Ion Ratio Lower Upper

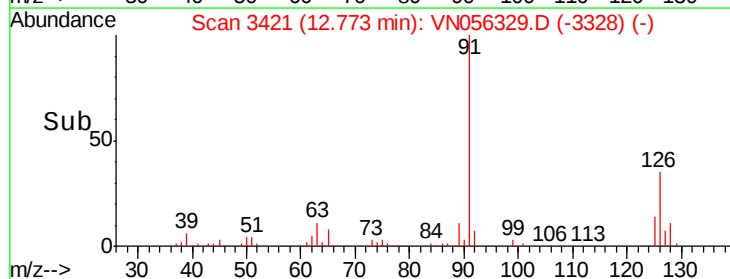
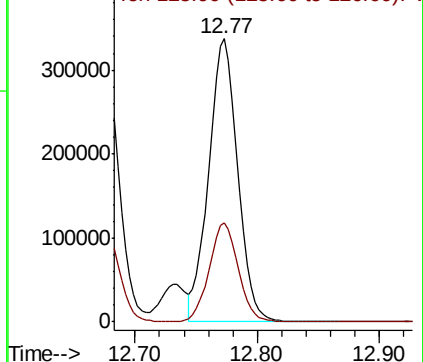
91 100

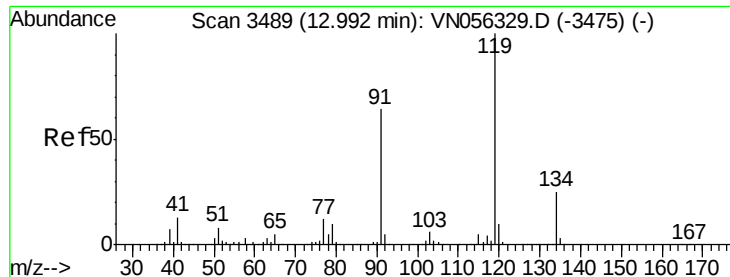
126 35.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

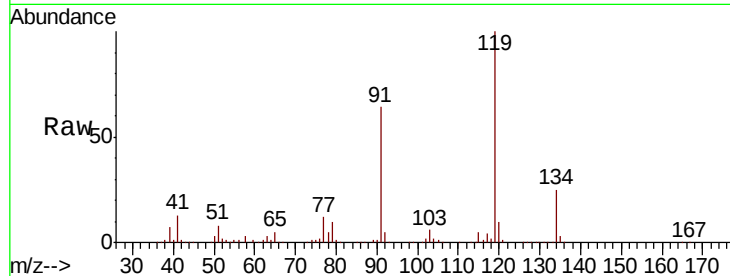




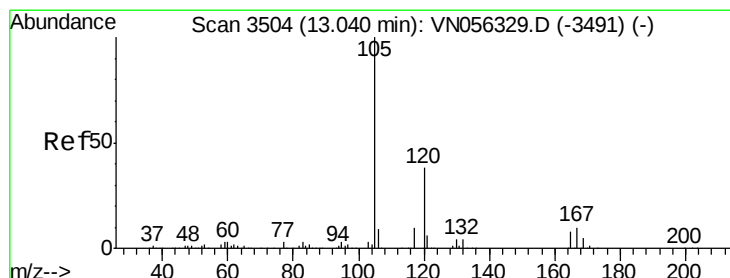
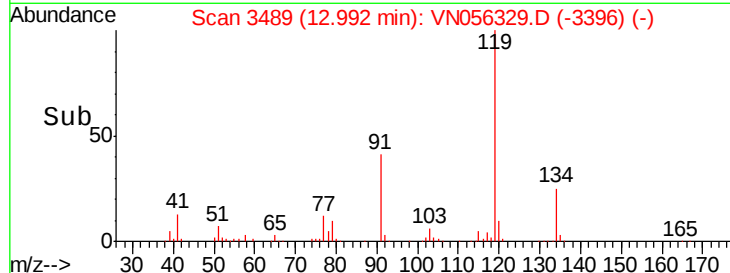
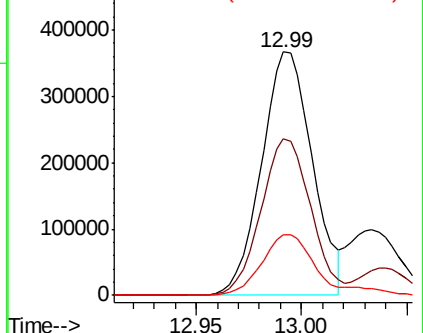
#83  
tert-Butylbenzene  
Concen: 38.632 ug/l  
RT: 12.99 min Scan# 3489  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:119 Resp: 616285  
Ion Ratio Lower Upper  
119 100  
91 63.0 31.5 94.5  
134 27.1 13.6 40.7

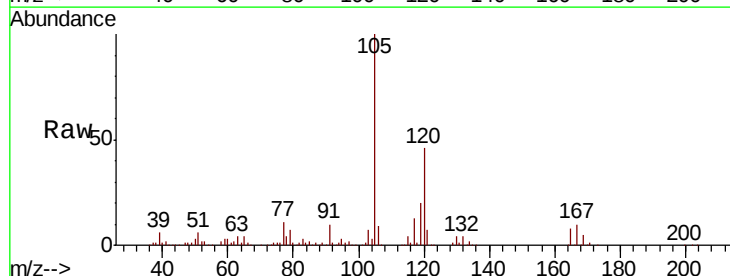


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

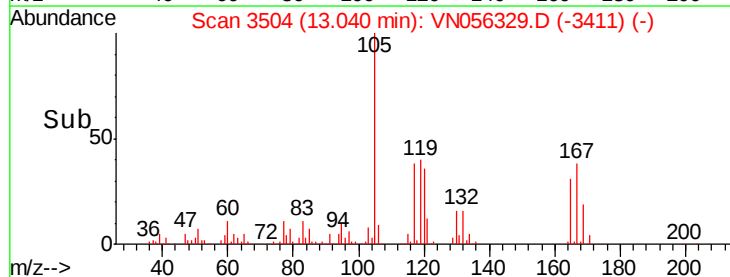
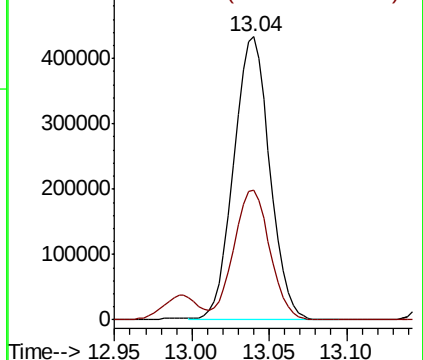


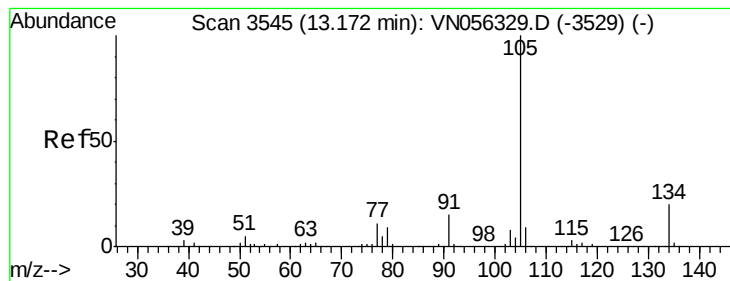
#84  
1,2,4-Trimethylbenzene  
Concen: 40.345 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Tgt Ion:105 Resp: 698123  
Ion Ratio Lower Upper  
105 100  
120 46.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 40.169 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :

MSVOA\_N

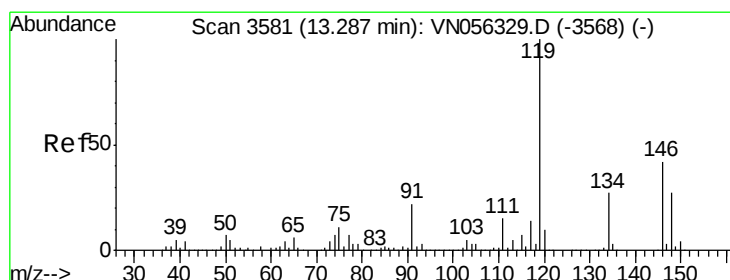
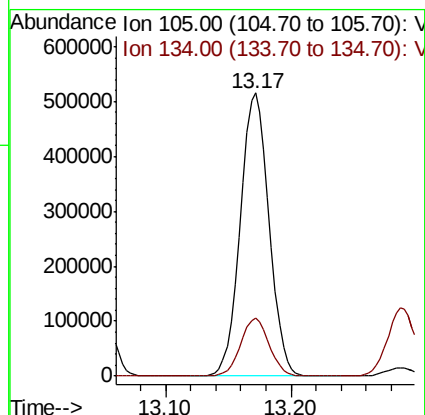
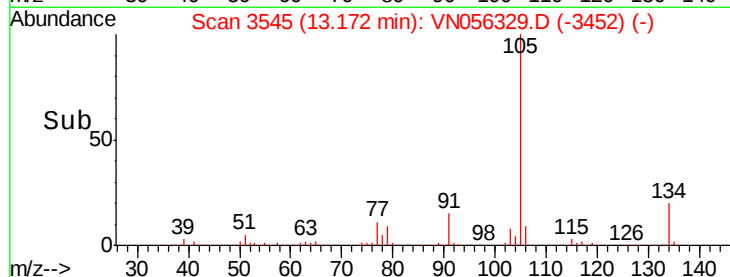
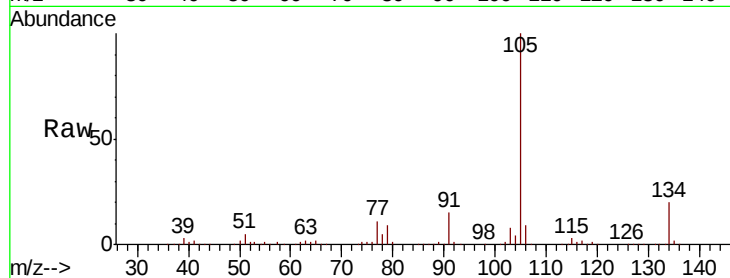
ClientSampled :

Tot Ion:105 Resp: 819091

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 40.175 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

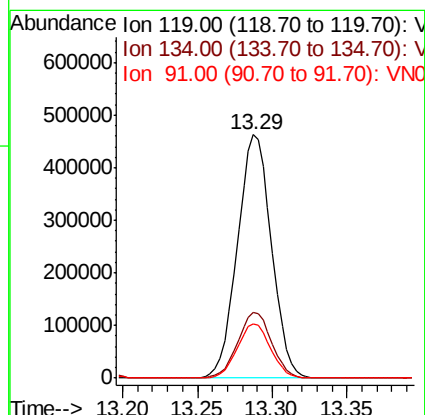
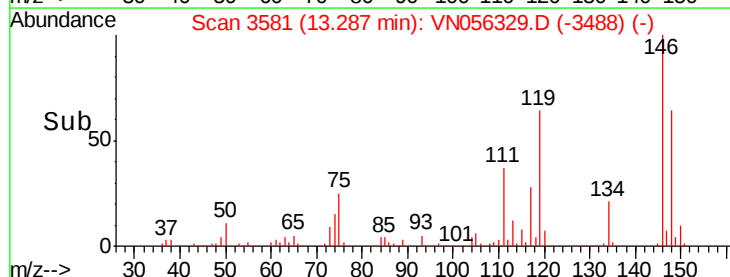
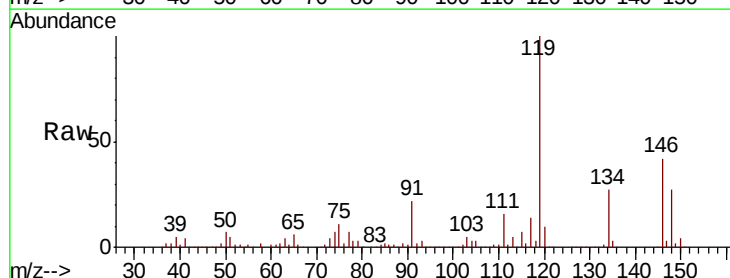
Tgt Ion:119 Resp: 728568

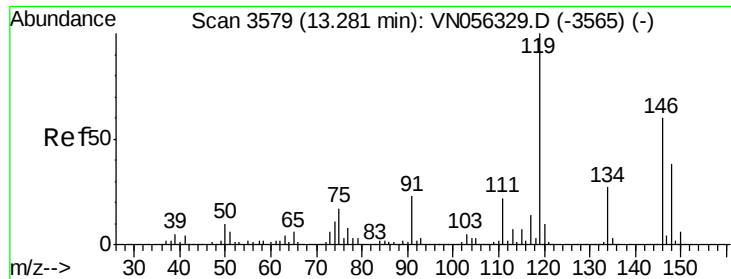
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.0 11.0 33.0

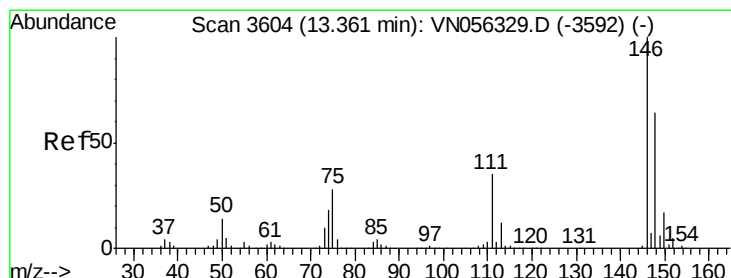
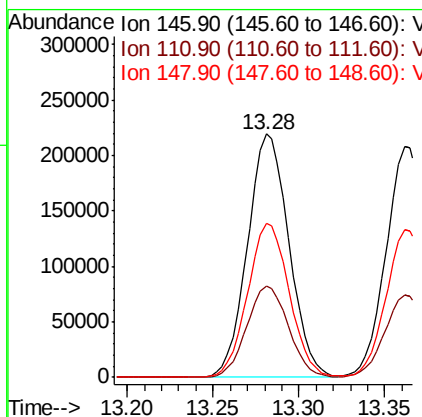
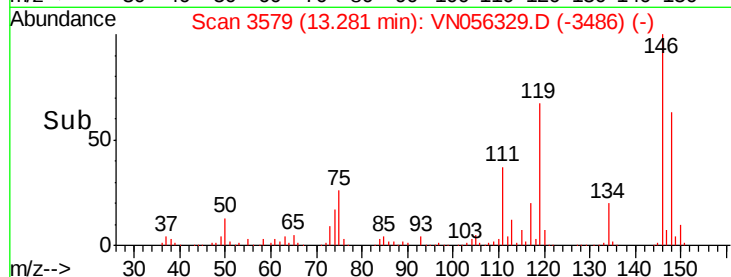
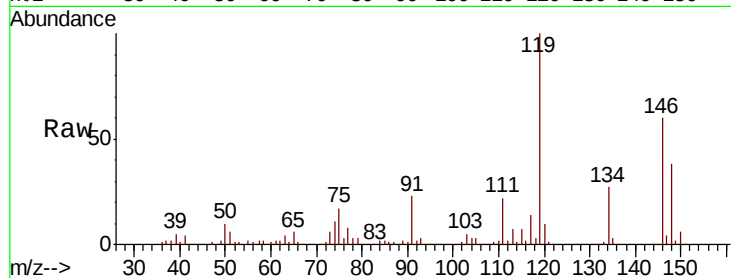




#87  
 1,3-Dichlorobenzene  
 Concen: 40.533 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. 0.00 min  
 Lab File: VN056329.D  
 Acq: 17 Jun 2019 10:01

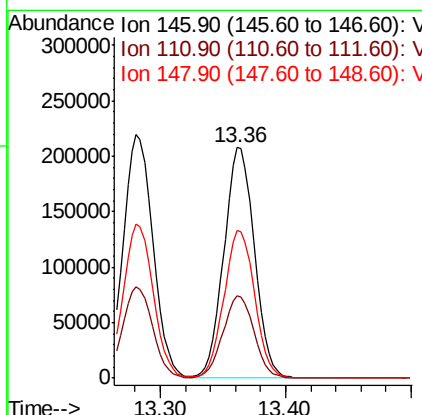
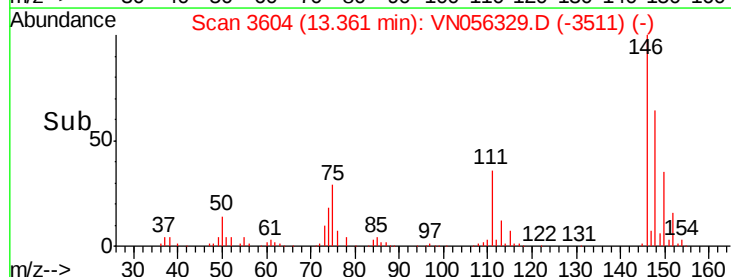
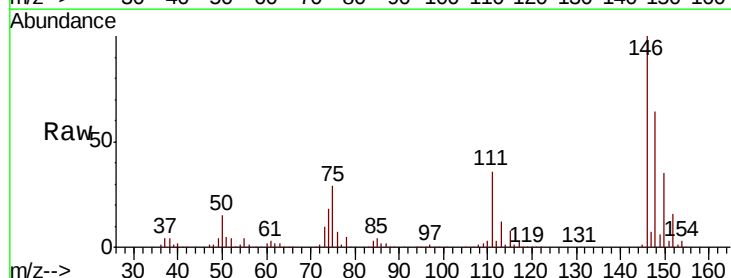
Instrument :  
 MSVOA\_N  
 ClientSampleId :

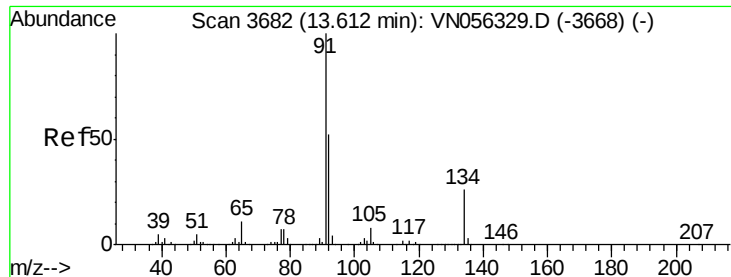
Tot Ion:146 Resp: 365303  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 18.9 56.7  
 148 63.7 31.9 95.5



#88  
 1,4-Dichlorobenzene  
 Concen: 40.347 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. 0.00 min  
 Lab File: VN056329.D  
 Acq: 17 Jun 2019 10:01

Tgt Ion:146 Resp: 350499  
 Ion Ratio Lower Upper  
 146 100  
 111 36.1 18.1 54.1  
 148 64.3 32.1 96.5

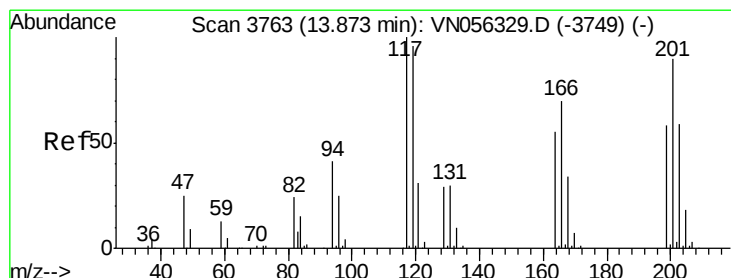
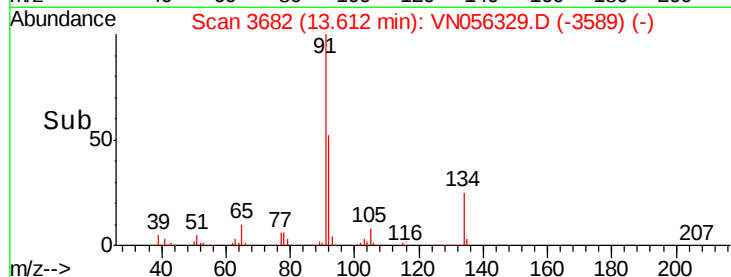
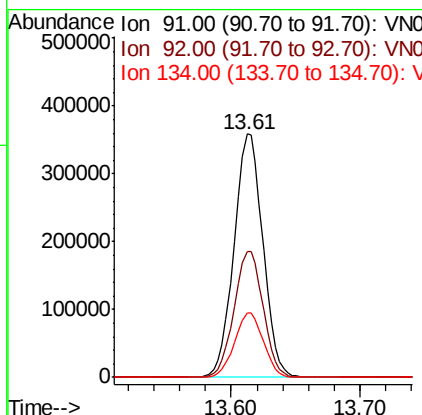
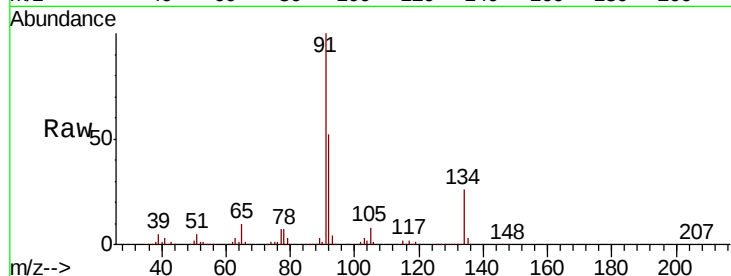




#89  
n-Butylbenzene  
Concen: 40.818 ug/l  
RT: 13.61 min Scan# 3682  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

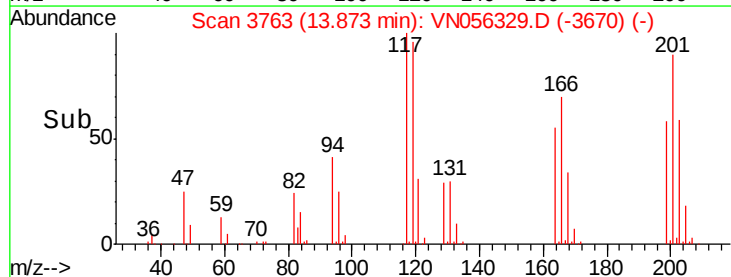
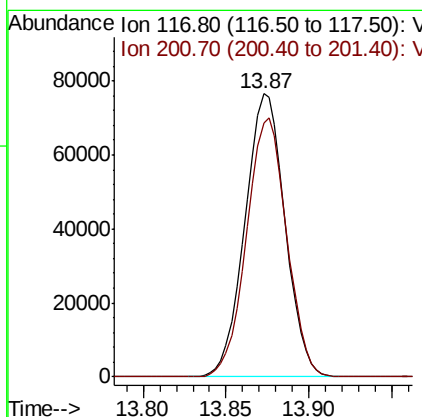
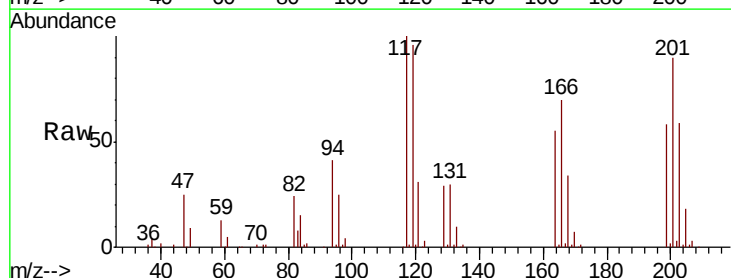
Instrument :  
MSVOA\_N  
ClientSampled :

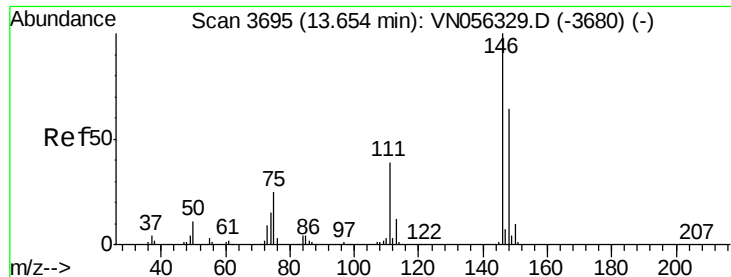
Tot Ion: 91 Resp: 557534  
Ion Ratio Lower Upper  
91 100  
92 52.0 26.0 78.0  
134 26.3 13.2 39.5



#90  
Hexachloroethane  
Concen: 43.374 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. 0.00 min  
Lab File: VN056329.D  
Acq: 17 Jun 2019 10:01

Tgt Ion: 117 Resp: 128452  
Ion Ratio Lower Upper  
117 100  
201 91.5 45.8 137.3





#91

1,2-Dichlorobenzene

Concen: 40.046 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Instrument :

MSVOA\_N

ClientSampleId :

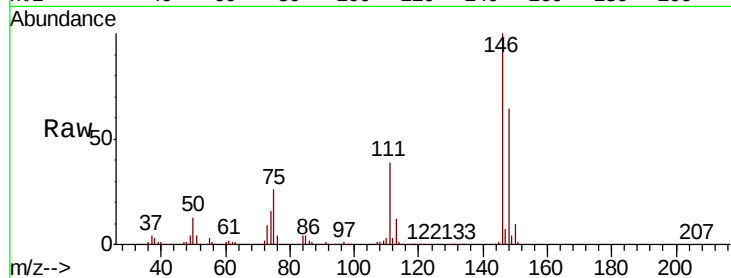
Tot Ion:146 Resp: 360600

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

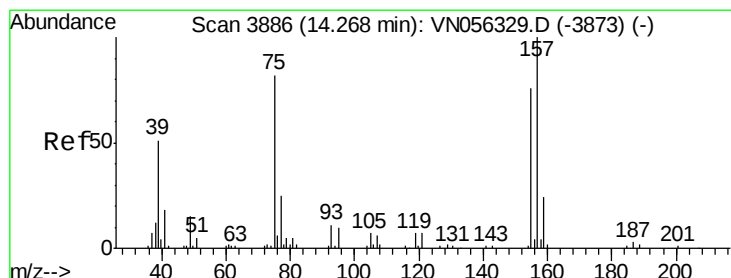
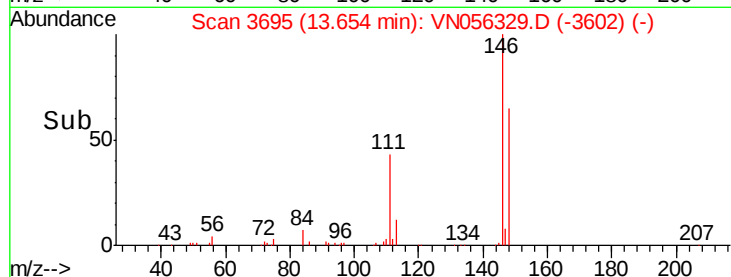
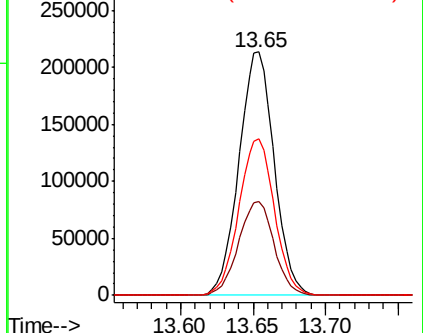
148 64.8 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.467 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

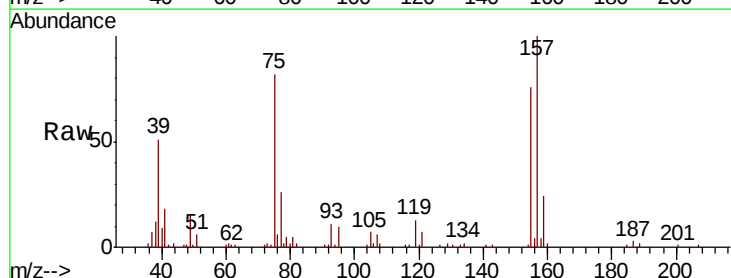
Tgt Ion: 75 Resp: 44670

Ion Ratio Lower Upper

75 100

155 95.6 47.8 143.4

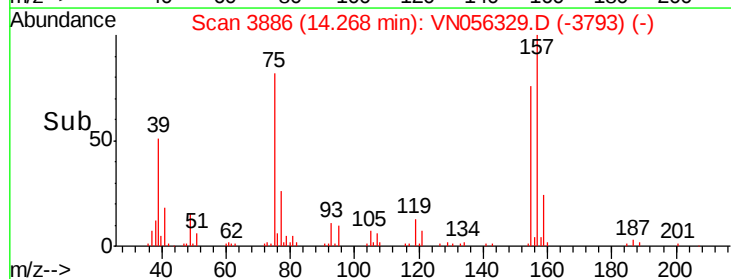
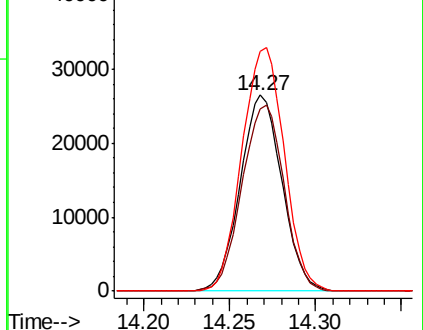
157 125.7 62.8 188.5

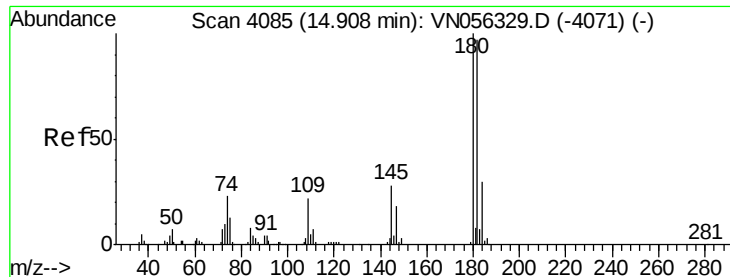


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

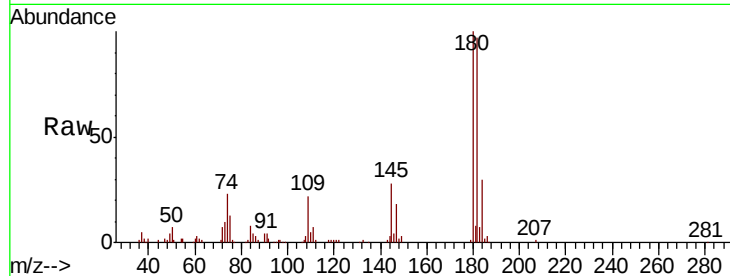




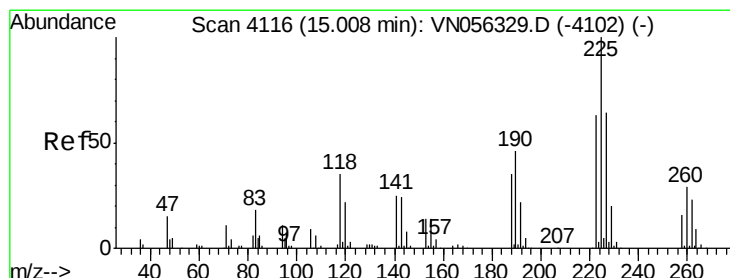
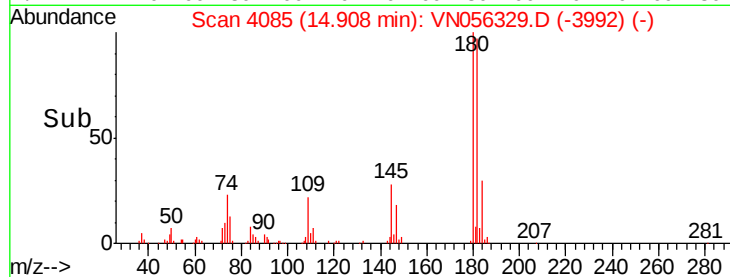
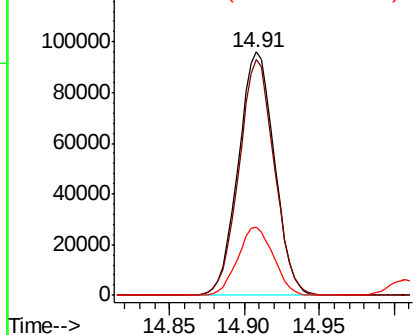
#93  
 1,2,4-Trichlorobenzene  
 Concen: 39.474 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN056329.D  
 Acq: 17 Jun 2019 10:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:180 Resp: 160977  
 Ion Ratio Lower Upper  
 180 100  
 182 94.9 47.4 142.3  
 145 27.9 14.0 41.9

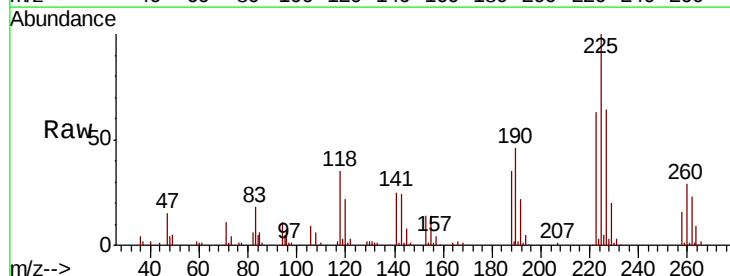


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

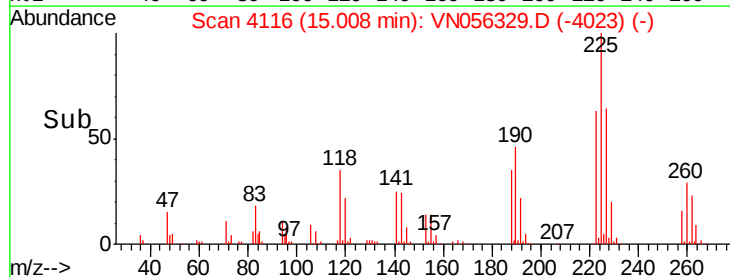
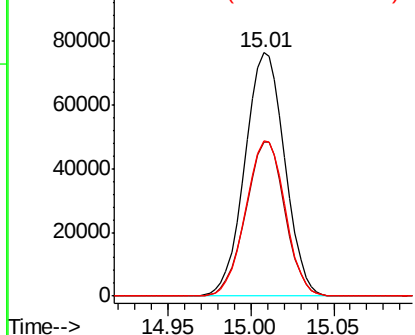


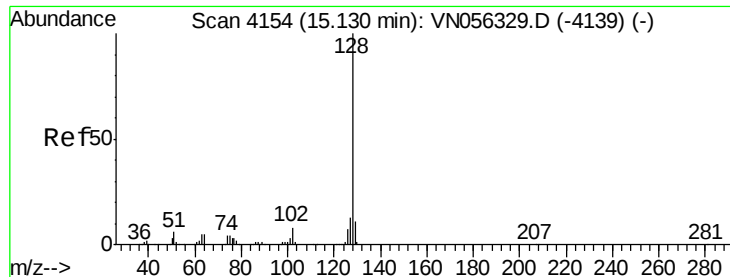
#94  
 Hexachlorobutadiene  
 Concen: 37.492 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN056329.D  
 Acq: 17 Jun 2019 10:01

Tgt Ion:225 Resp: 127917  
 Ion Ratio Lower Upper  
 225 100  
 223 62.4 31.2 93.6  
 227 63.4 31.7 95.1



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: 40.715 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

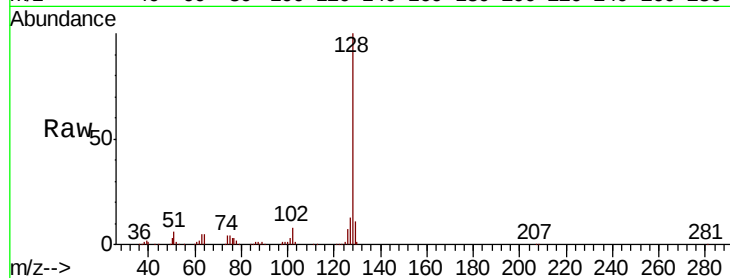
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion:128 Resp: 437687

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.2  | 10.6  | 15.8  |
| 129 | 10.7  | 8.6   | 12.8  |

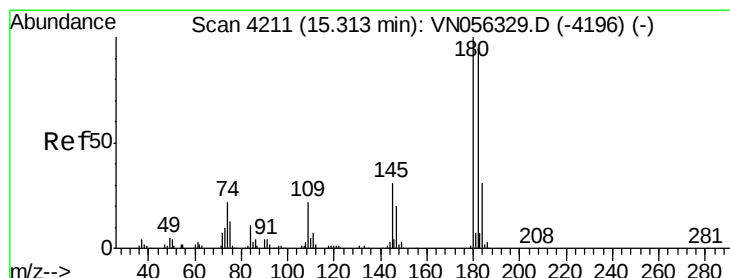
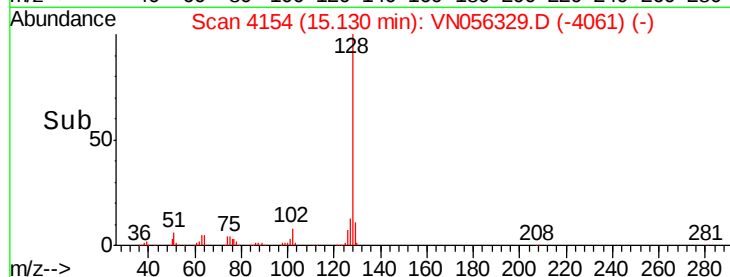
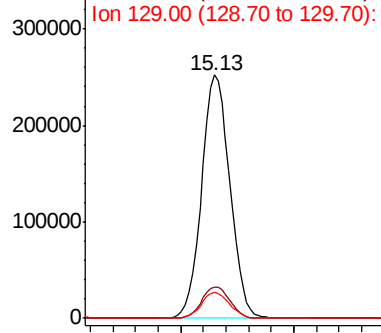


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 40.768 ug/l

RT: 15.31 min Scan# 4211

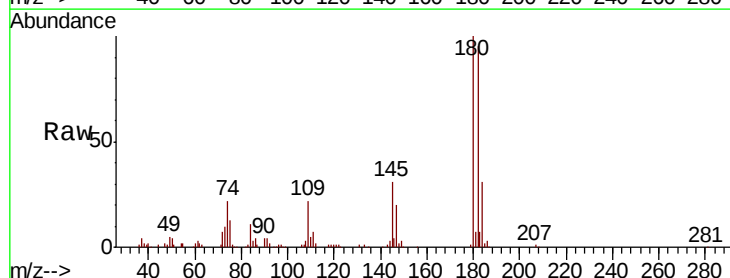
Delta R.T. 0.00 min

Lab File: VN056329.D

Acq: 17 Jun 2019 10:01

Tgt Ion:180 Resp: 179440

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.3  | 47.1  | 141.4 |
| 145 | 29.9  | 14.9  | 44.9  |



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

