

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\  
 Data File : VN062066.D  
 Acq On : 24 Jun 2020 16:36  
 Operator : JC/MD  
 Sample : VN0624WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0624WBSD01

Quant Time: Jun 25 04:29:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 24 15:33:00 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 244818   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 436751   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 404103   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 179554   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 171869   | 50.03 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.06% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 138568   | 49.45 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.90%  |      |
| 50) Toluene-d8            | 10.06  | 98  | 540337   | 48.24 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.48%  |      |
| 62) 4-Bromofluorobenzene  | 12.37  | 95  | 178515   | 47.17 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.34%  |      |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 49875  | 18.023 | ug/l   | 100    |
| 3) Chloromethane              | 2.03 | 50  | 64621  | 19.006 | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.16 | 62  | 74819  | 17.169 | ug/l   | 99     |
| 5) Bromomethane               | 2.53 | 94  | 54830  | 19.468 | ug/l   | 100    |
| 6) Chloroethane               | 2.67 | 64  | 52593  | 17.667 | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 93794  | 17.467 | ug/l   | 99     |
| 8) Diethyl Ether              | 3.37 | 74  | 35466  | 18.915 | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 51650  | 18.368 | ug/l   | 99     |
| 10) Methyl Iodide             | 3.91 | 142 | 55132  | 17.409 | ug/l   | 100    |
| 11) Tert butyl alcohol        | 4.74 | 59  | 47099  | 95.482 | ug/l # | 88     |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 50546  | 17.981 | ug/l   | 98     |
| 13) Acrolein                  | 3.56 | 56  | 43822  | 90.738 | ug/l   | 98     |
| 14) Allyl chloride            | 4.27 | 41  | 70919  | 18.530 | ug/l   | 99     |
| 15) Acrylonitrile             | 4.93 | 53  | 127395 | 94.774 | ug/l   | 99     |
| 16) Acetone                   | 3.78 | 43  | 108428 | 98.084 | ug/l   | 97     |
| 17) Carbon Disulfide          | 4.00 | 76  | 150056 | 18.668 | ug/l   | 100    |
| 18) Methyl Acetate            | 4.28 | 43  | 50347  | 18.435 | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.00 | 73  | 171694 | 19.114 | ug/l   | 99     |
| 20) Methylene Chloride        | 4.50 | 84  | 61517  | 19.372 | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 55001  | 17.175 | ug/l   | 97     |
| 22) Diisopropyl ether         | 5.91 | 45  | 159780 | 18.335 | ug/l   | 99     |
| 23) Vinyl Acetate             | 5.84 | 43  | 672929 | 94.582 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 102391 | 18.247 | ug/l   | 99     |
| 25) 2-Butanone                | 6.79 | 43  | 160980 | 95.862 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.77 | 77  | 83304  | 17.815 | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 65115  | 18.070 | ug/l   | 97     |
| 28) Bromochloromethane        | 7.15 | 49  | 46450  | 19.078 | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 104430 | 94.935 | ug/l   | 98     |
| 30) Chloroform                | 7.33 | 83  | 104166 | 18.245 | ug/l   | 97     |
| 31) Cyclohexane               | 7.61 | 56  | 86834  | 18.294 | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 86607  | 17.988 | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 75330  | 17.159 | ug/l   | 100    |
| 37) Ethyl Acetate             | 6.88 | 43  | 68388  | 18.813 | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 71065  | 17.170 | ug/l   | 98     |

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 Data File : VN062066.D  
 Acq On : 24 Jun 2020 16:36  
 Operator : JC/MD  
 Sample : VN0624WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0624WBSD01

Quant Time: Jun 25 04:29:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 24 15:33:00 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.04  | 83   | 85209    | 17.715  | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 233189   | 17.428  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.12  | 41   | 26811    | 15.909  | ug/l   | 93       |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 83500    | 18.470  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 108337   | 18.282  | ug/l   | 98       |
| 44) Trichloroethene            | 8.80  | 130  | 58347    | 17.287  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.09  | 63   | 59821    | 18.122  | ug/l   | 98       |
| 46) Dibromomethane             | 9.18  | 93   | 41978    | 18.756  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.37  | 83   | 83205    | 18.412  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.17  | 41   | 48724    | 18.338  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 21880    | 371.336 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 328202   | 94.794  | ug/l   | 100      |
| 52) Toluene                    | 10.12 | 92   | 150374   | 18.419  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 88640    | 17.828  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 98208    | 18.554  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 60367    | 18.810  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 80182    | 18.722  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 102828   | 18.615  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 157619   | 96.974  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.72 | 43   | 237804   | 95.118  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.87 | 129  | 62142    | 18.289  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 59954    | 18.181  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 49110    | 17.791  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.40 | 112  | 159170   | 17.936  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 55464    | 18.075  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.48 | 91   | 270692   | 18.061  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.59 | 106  | 208904   | 36.037  | ug/l   | 98       |
| 69) o-Xylene                   | 11.92 | 106  | 99235    | 18.144  | ug/l   | 98       |
| 70) Styrene                    | 11.94 | 104  | 164343   | 18.017  | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 38588    | 17.687  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.22 | 105  | 261526   | 18.816  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.05 | 43   | 84625    | 18.777  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 87058    | 18.822  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 107267   | 25.378  | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 63116    | 18.291  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.57 | 91   | 294992   | 18.555  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 173996   | 18.103  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 217850   | 19.335  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 27632    | 19.091  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 184608   | 18.574  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 178899   | 18.553  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 210170   | 18.677  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 238061   | 18.684  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.27 | 119  | 209100   | 18.732  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 110284   | 18.201  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 110169   | 17.638  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.59 | 91   | 167697   | 18.069  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.85 | 117  | 38989    | 17.802  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 106255   | 18.084  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 14082    | 19.006  | ug/l   | 96       |

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Data File : VN062066.D  
Acq On : 24 Jun 2020 16:36  
Operator : JC/MD  
Sample : VN0624WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 15 Sample Multiplier: 1

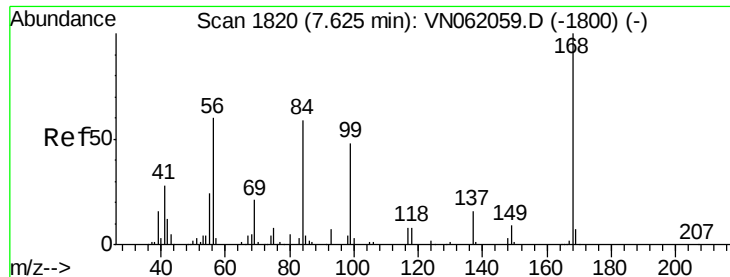
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0624WBSD01

Quant Time: Jun 25 04:29:37 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 24 15:33:00 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.89 | 180  | 47554    | 18.526 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 20769    | 18.629 | ug/l  | 97       |
| 95) Naphthalene            | 15.10 | 128  | 137595   | 18.787 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 48434    | 18.454 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

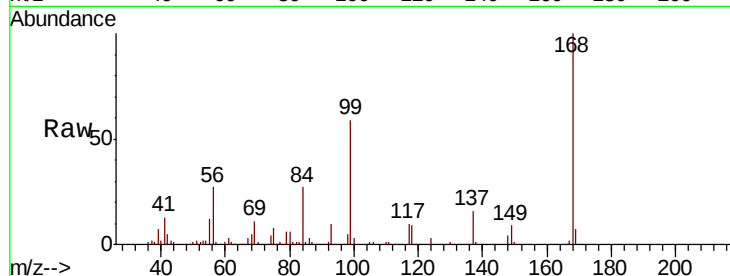
VN0624WBSD01

Tot Ion:168 Resp: 244818

Ion Ratio Lower Upper

168 100

99 58.8 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

120000

100000

80000

60000

40000

20000

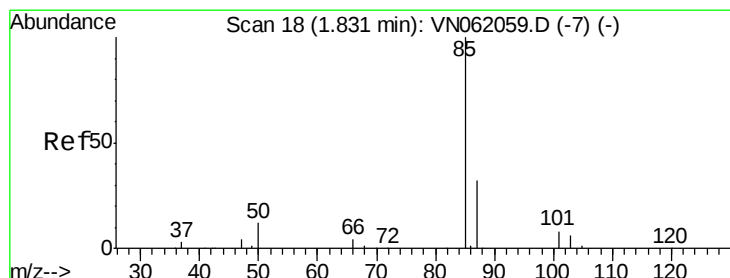
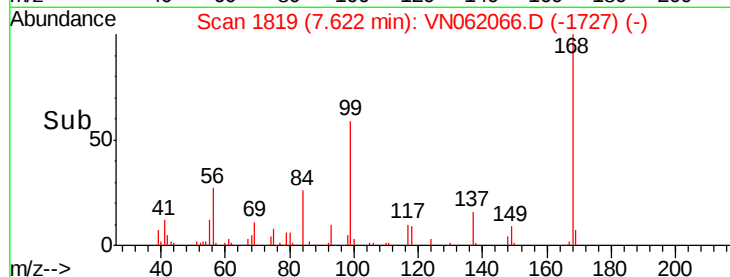
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.023 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062066.D

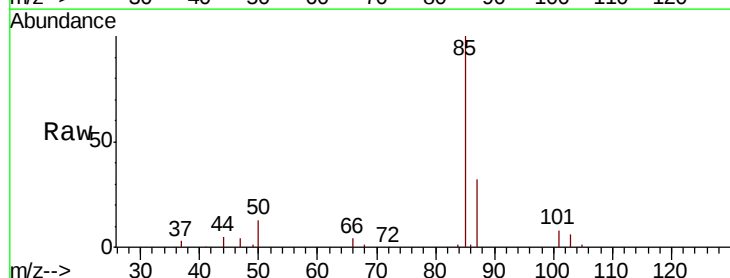
Acq: 24 Jun 2020 16:36

Tgt Ion: 85 Resp: 49875

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

40000

30000

20000

10000

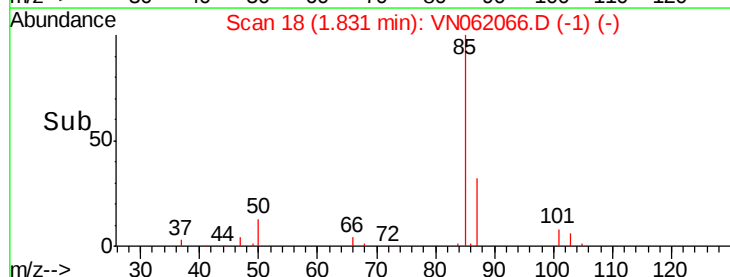
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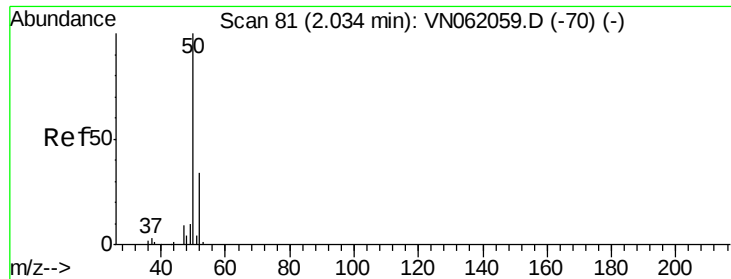
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 19.006 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

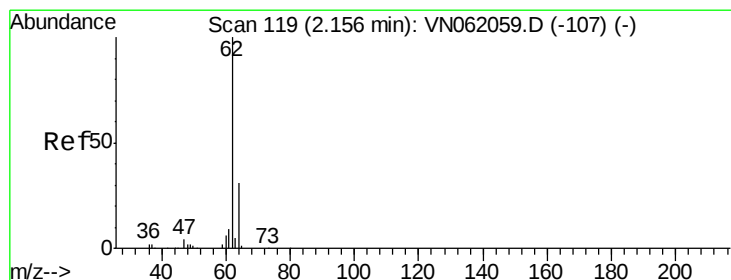
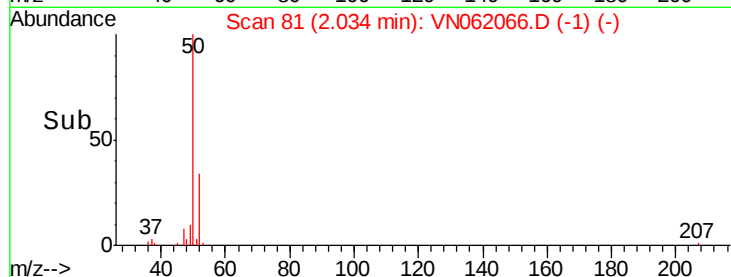
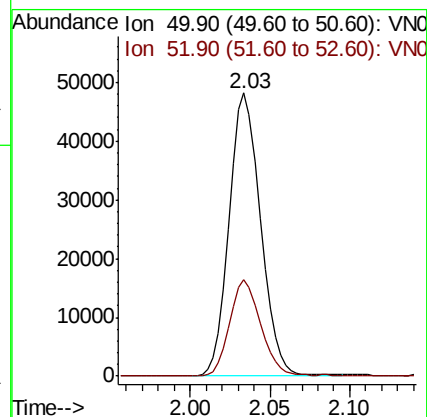
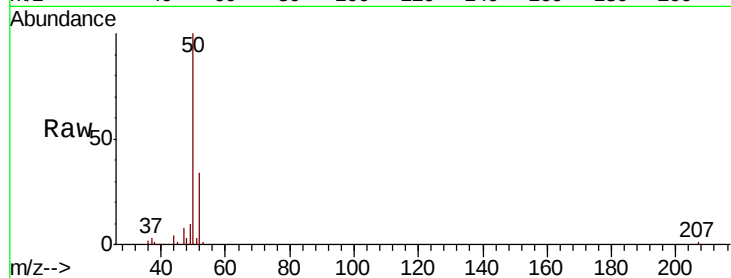
VN0624WBSD01

Tot Ion: 50 Resp: 64621

Ion Ratio Lower Upper

50 100

52 34.2 27.0 40.6



#4

Vinyl Chloride

Concen: 17.169 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062066.D

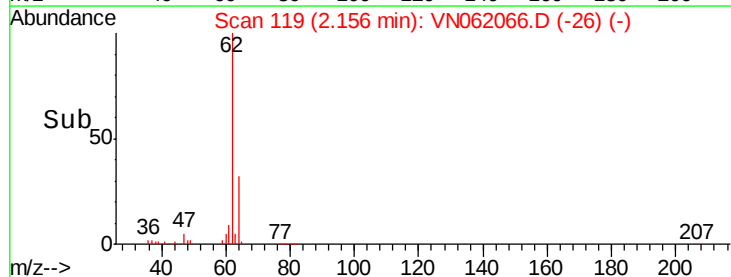
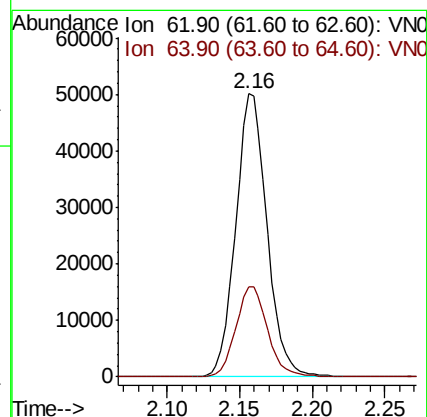
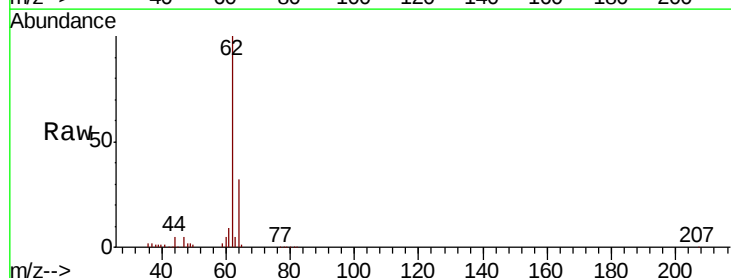
Acq: 24 Jun 2020 16:36

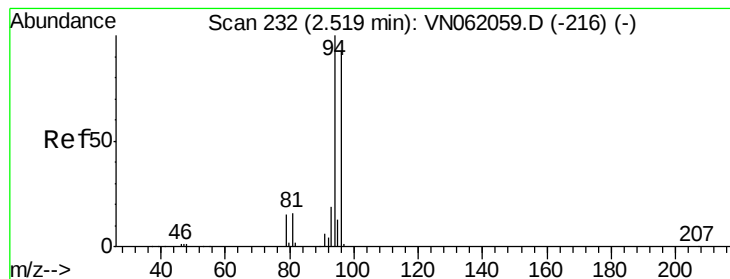
Tgt Ion: 62 Resp: 74819

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 19.468 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

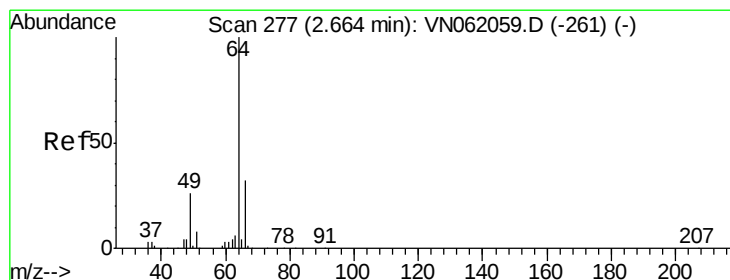
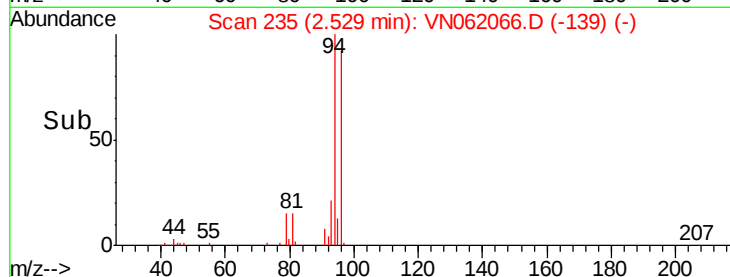
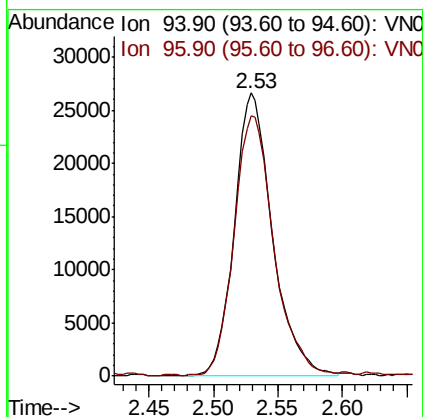
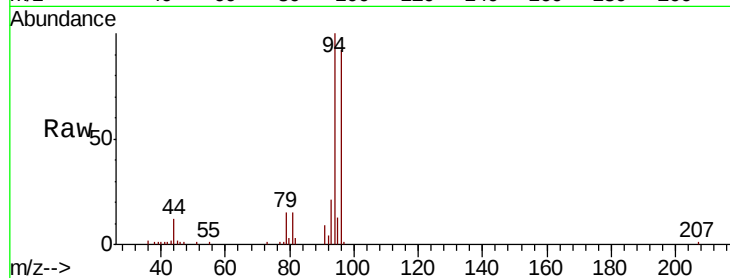
VN0624WBSD01

Tot Ion: 94 Resp: 54830

Ion Ratio Lower Upper

94 100

96 91.6 73.4 110.2



#6

Chloroethane

Concen: 17.667 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062066.D

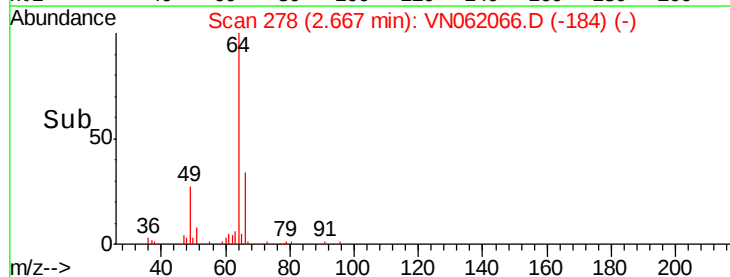
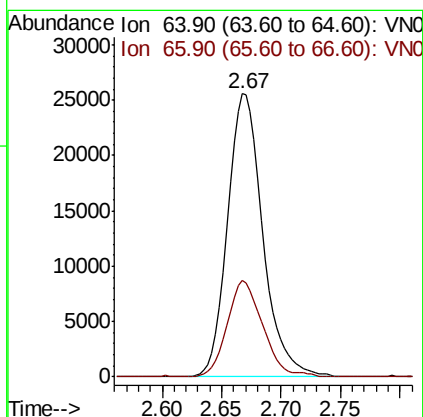
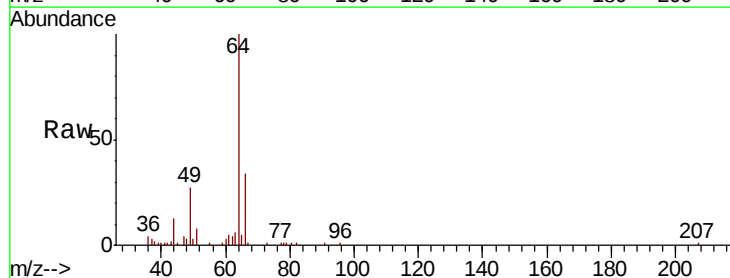
Acq: 24 Jun 2020 16:36

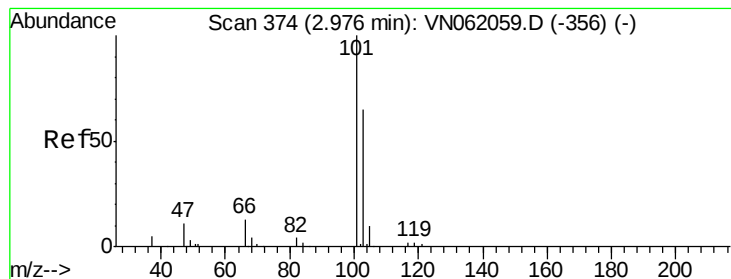
Tgt Ion: 64 Resp: 52593

Ion Ratio Lower Upper

64 100

66 34.3 25.8 38.6



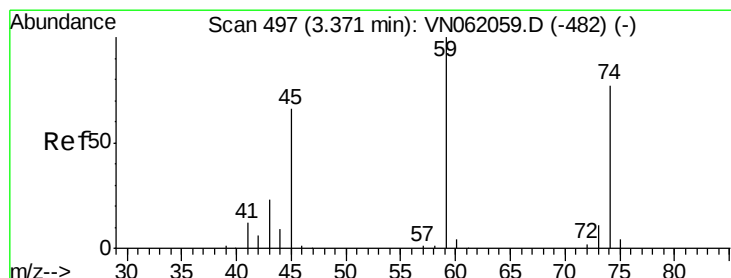
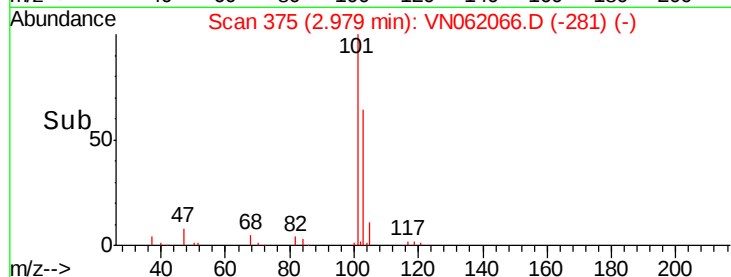
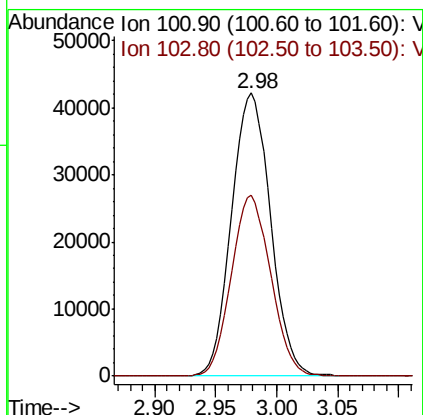
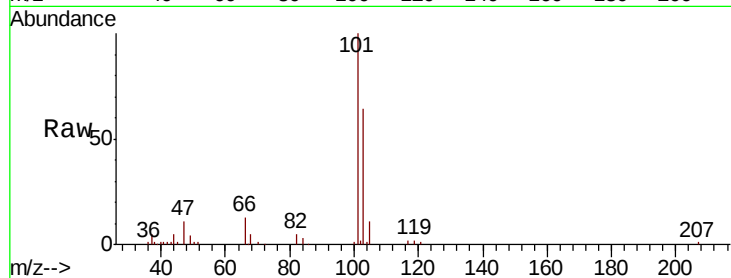


#7

Trichlorofluoromethane  
 Concen: 17.467 ug/l  
 RT: 2.98 min Scan# 375  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0624WBSD01

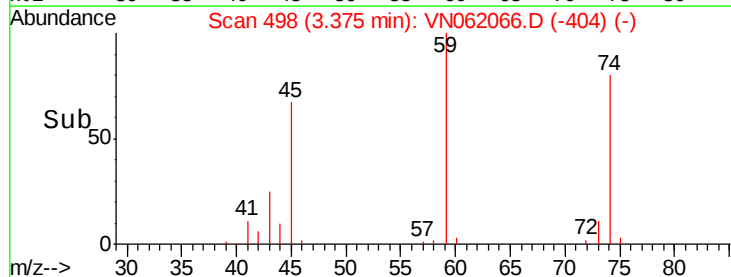
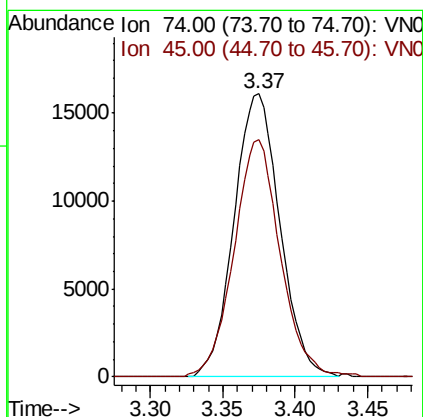
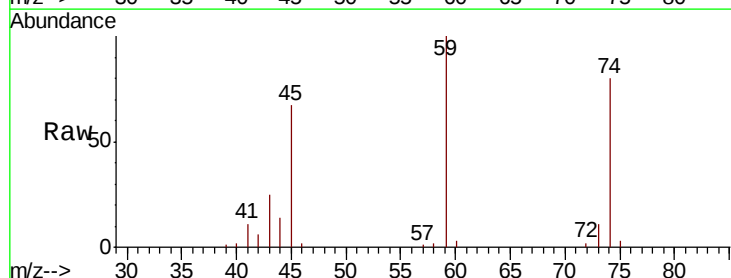
Tot Ion:101 Resp: 93794  
 Ion Ratio Lower Upper  
 101 100  
 103 64.0 51.8 77.6

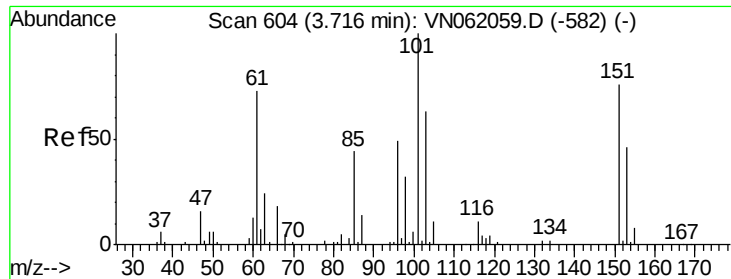


#8

Diethyl Ether  
 Concen: 18.915 ug/l  
 RT: 3.37 min Scan# 498  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

Tgt Ion: 74 Resp: 35466  
 Ion Ratio Lower Upper  
 74 100  
 45 84.6 42.5 127.5

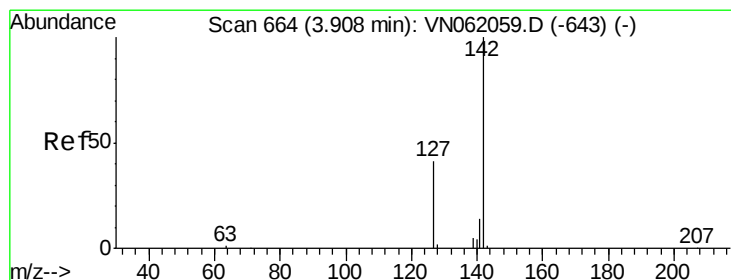
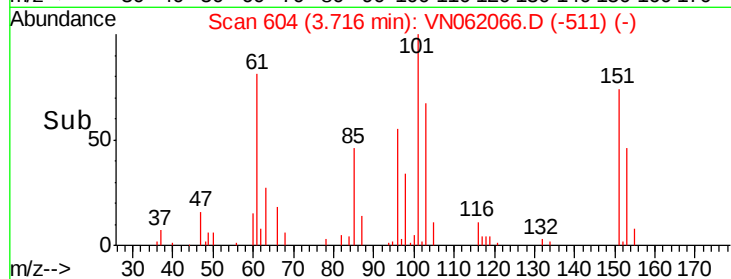
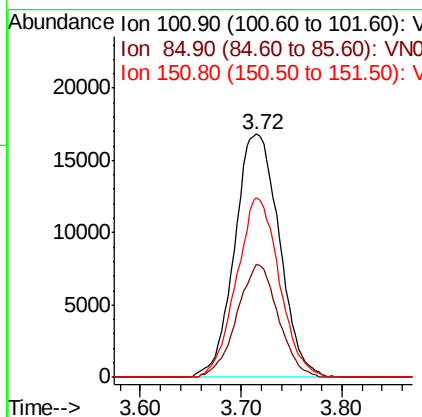
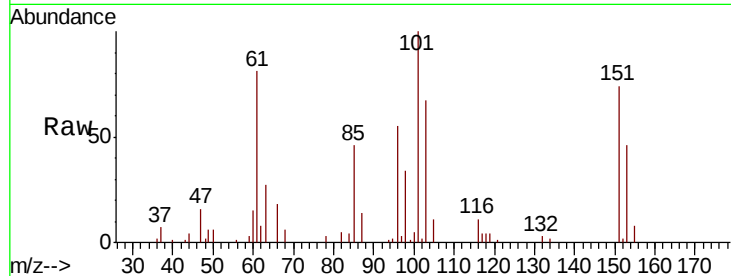




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 18.368 ug/l  
 RT: 3.72 min Scan# 604  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

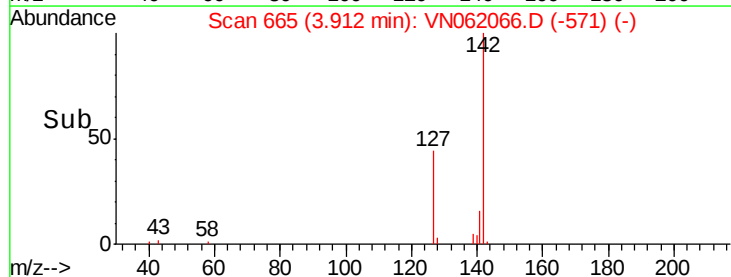
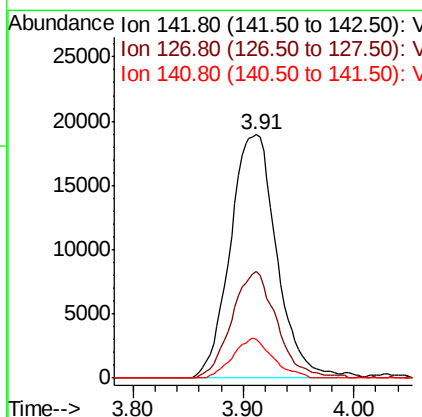
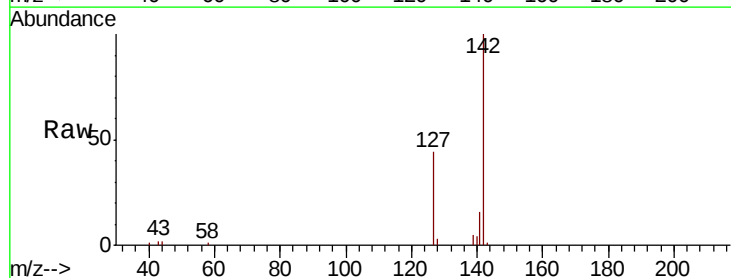
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0624WBSD01

Tot Ion:101 Resp: 51650  
 Ion Ratio Lower Upper  
 101 100  
 85 43.0 34.5 51.7  
 151 70.8 57.8 86.8



#10  
 Methyl Iodide  
 Concen: 17.409 ug/l  
 RT: 3.91 min Scan# 665  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

Tgt Ion:142 Resp: 55132  
 Ion Ratio Lower Upper  
 142 100  
 127 42.3 33.6 50.4  
 141 14.1 11.3 16.9



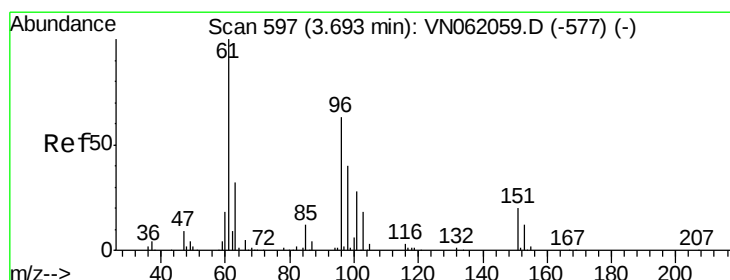
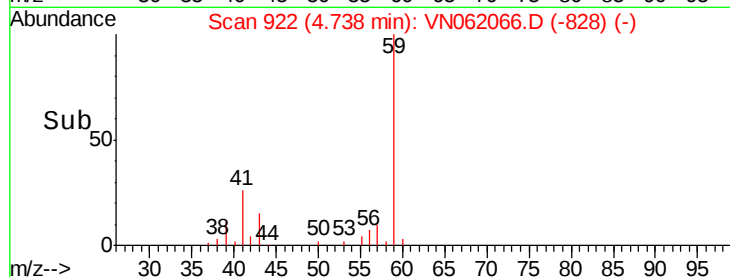
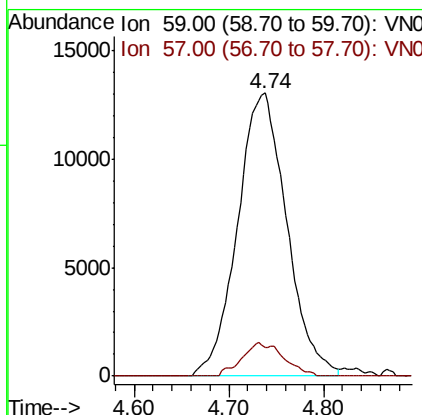
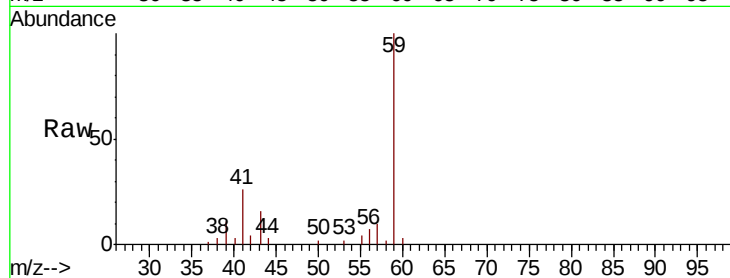


#11

Tert butyl alcohol  
 Concen: 95.482 ug/l  
 RT: 4.74 min Scan# 922  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0624WBSD01

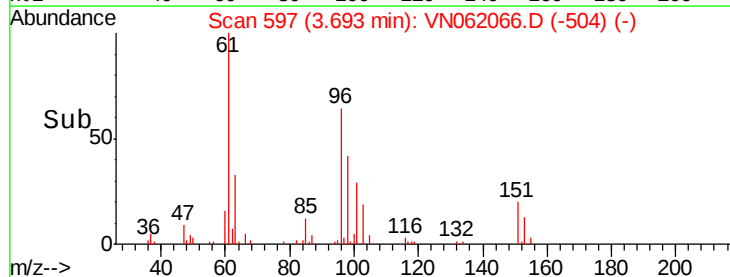
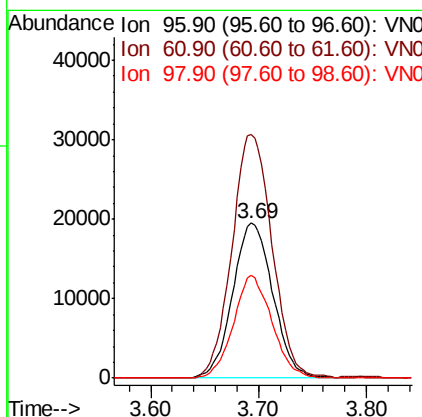
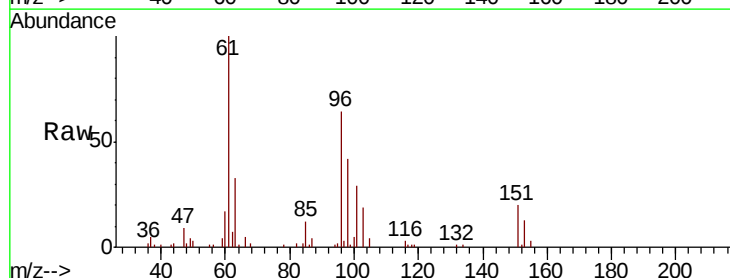
Tot Ion: 59 Resp: 47099  
 Ion Ratio Lower Upper  
 59 100  
 57 6.1 8.3 12.5#

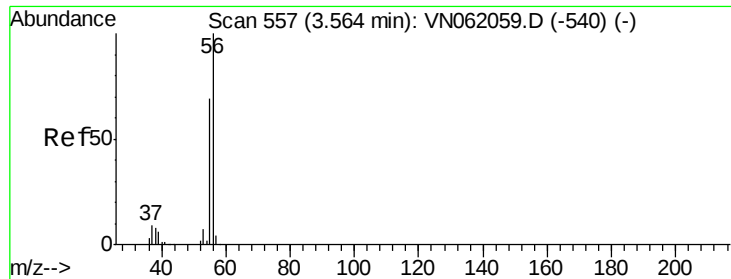


#12

1,1-Dichloroethene  
 Concen: 17.981 ug/l  
 RT: 3.69 min Scan# 597  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

Tgt Ion: 96 Resp: 50546  
 Ion Ratio Lower Upper  
 96 100  
 61 157.0 126.7 190.1  
 98 66.1 51.0 76.4





#13

Acrolein

Concen: 90.738 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

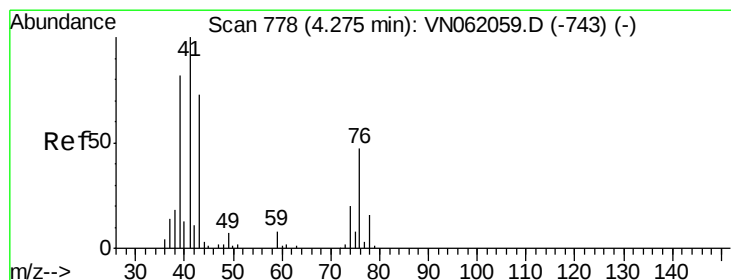
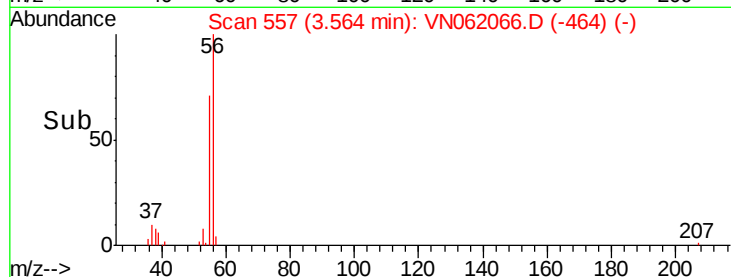
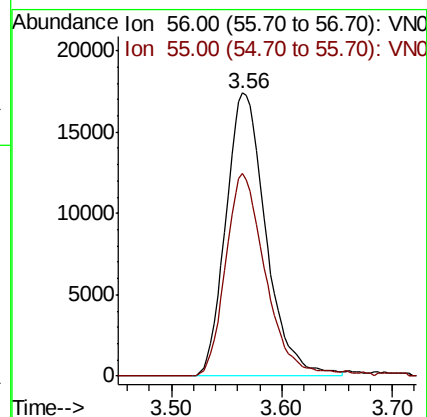
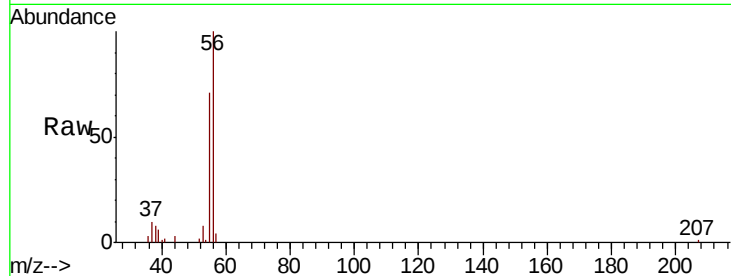
VN0624WBSD01

Tot Ion: 56 Resp: 43822

Ion Ratio Lower Upper

56 100

55 70.9 55.5 83.3



#14

Allyl chloride

Concen: 18.530 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

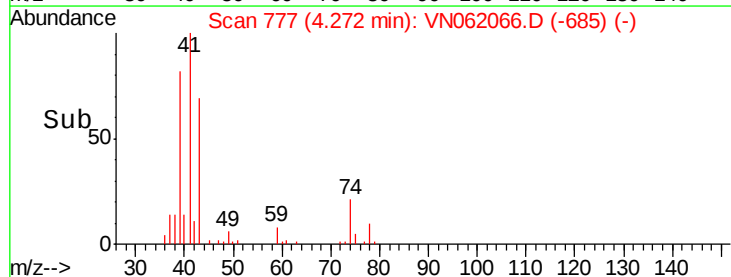
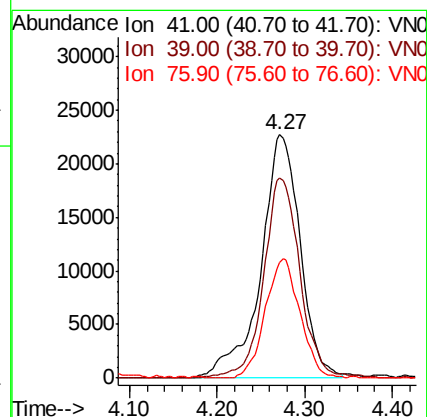
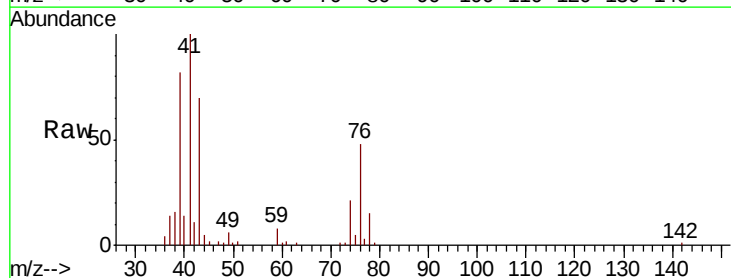
Tgt Ion: 41 Resp: 70919

Ion Ratio Lower Upper

41 100

39 76.1 60.0 90.0

76 43.1 34.1 51.1





#15

Acrylonitrile

Concen: 94.774 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0624WBSD01

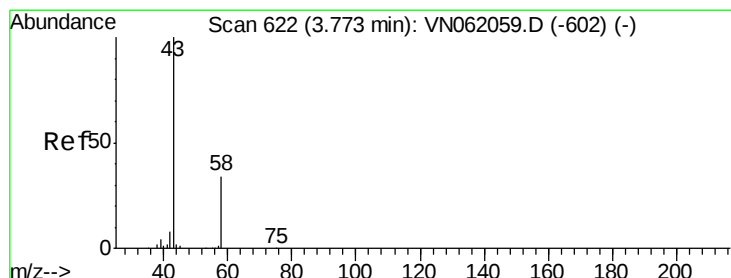
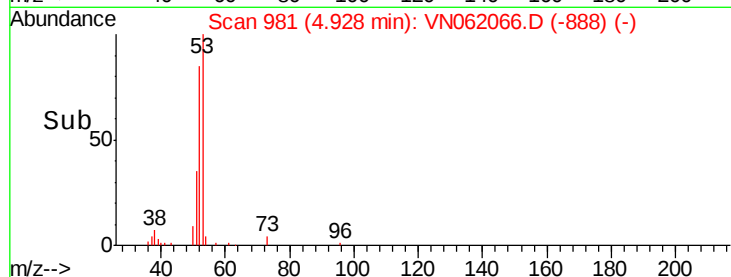
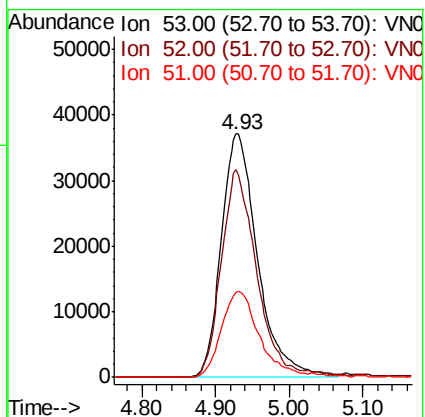
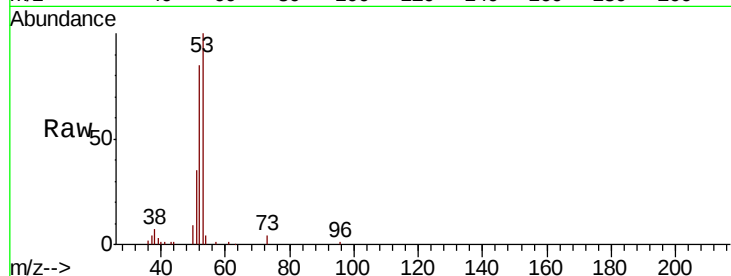
Tot Ion: 53 Resp: 127395

Ion Ratio Lower Upper

53 100

52 83.6 66.2 99.4

51 36.5 28.9 43.3



#16

Acetone

Concen: 98.084 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062066.D

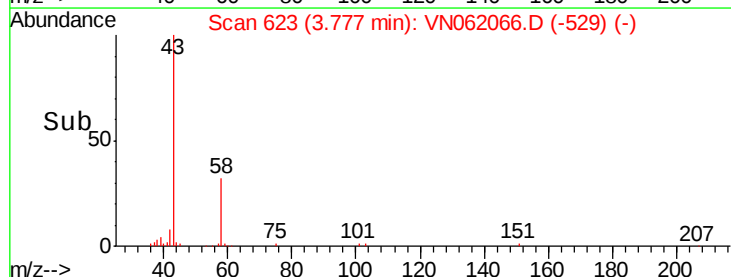
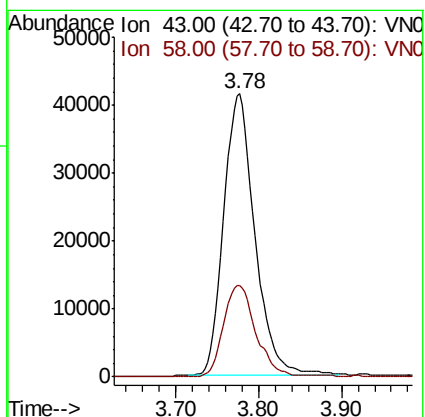
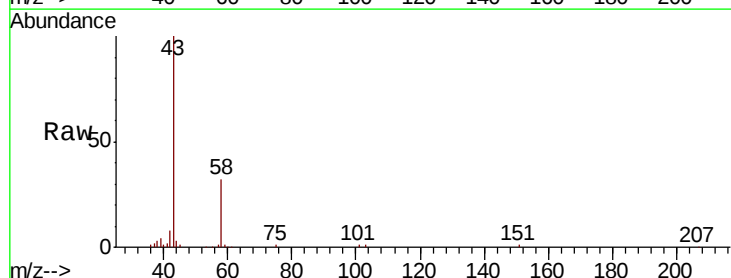
Acq: 24 Jun 2020 16:36

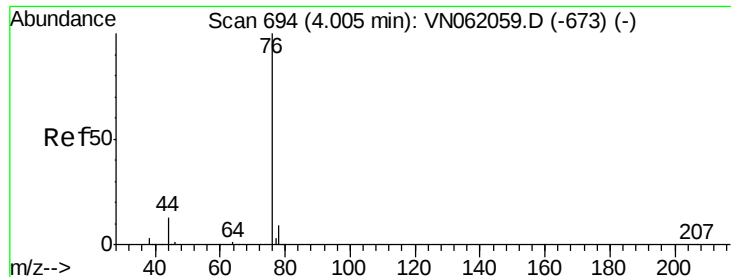
Tgt Ion: 43 Resp: 108428

Ion Ratio Lower Upper

43 100

58 32.4 27.5 41.3

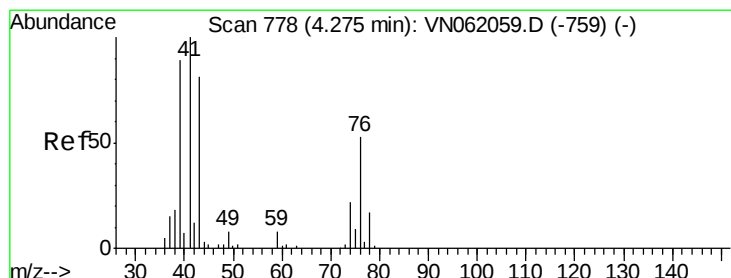
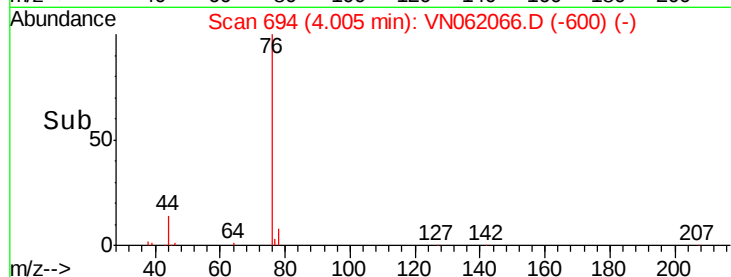
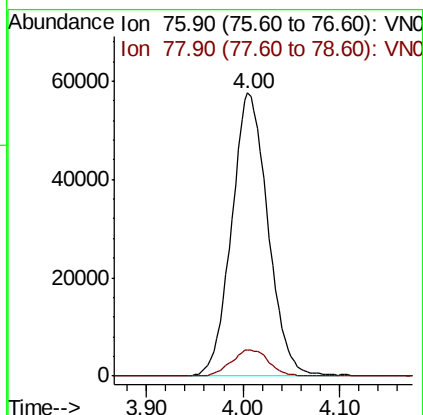
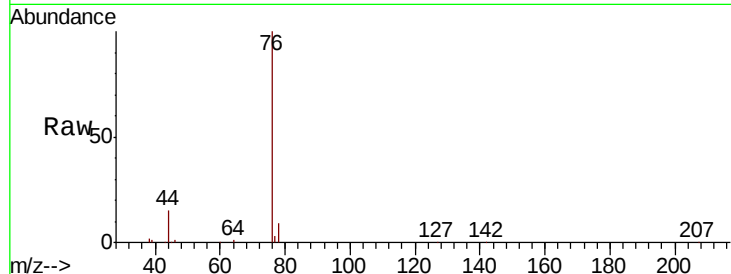




#17  
Carbon Disulfide  
Concen: 18.668 ug/l  
RT: 4.00 min Scan# 694  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

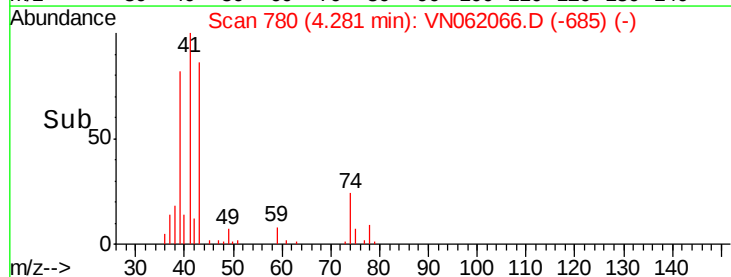
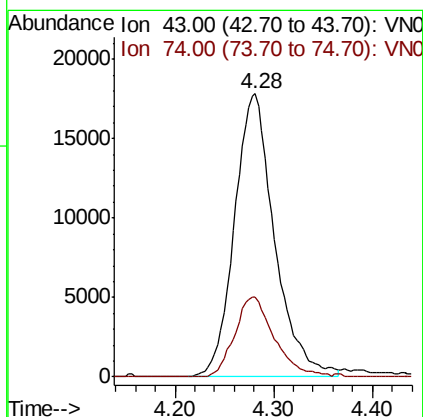
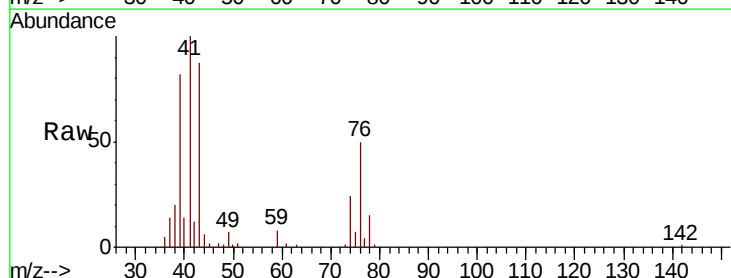
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0624WBSD01

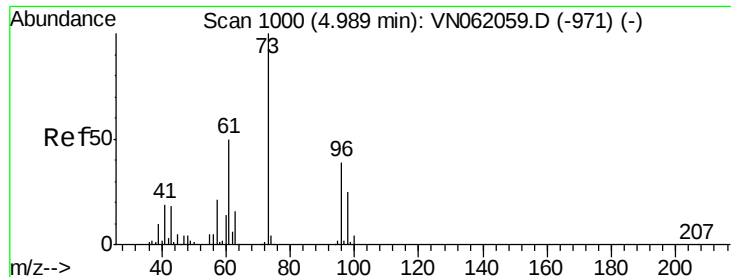
Tot Ion: 76 Resp: 150056  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8



#18  
Methyl Acetate  
Concen: 18.435 ug/l  
RT: 4.28 min Scan# 780  
Delta R.T. 0.01 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

Tgt Ion: 43 Resp: 50347  
Ion Ratio Lower Upper  
43 100  
74 27.7 22.9 34.3

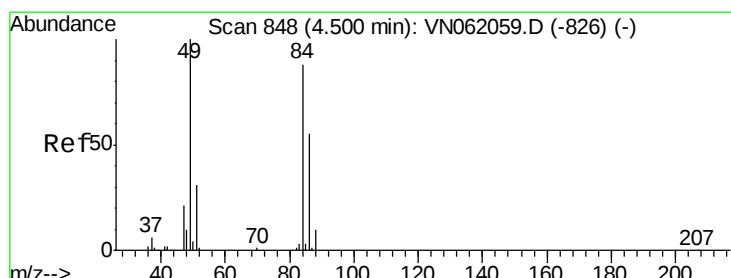
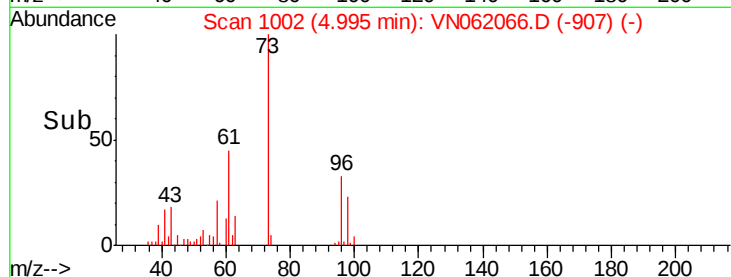
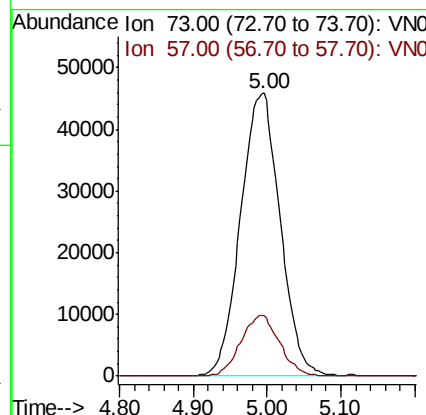
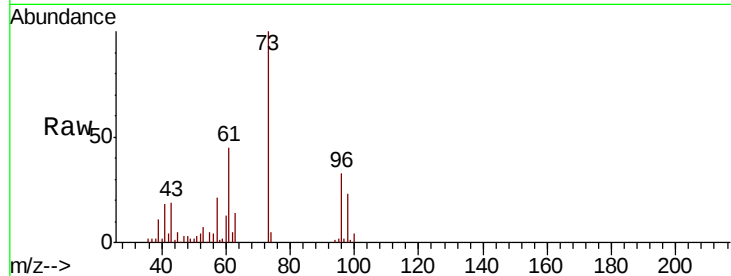




#19  
Methvl tert-butvl Ether  
Concen: 19.114 ug/l  
RT: 5.00 min Scan# 1002  
Delta R.T. 0.01 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

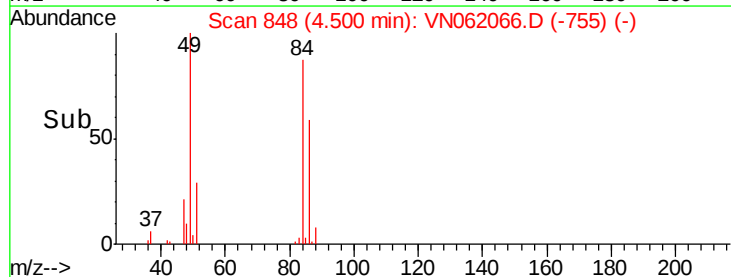
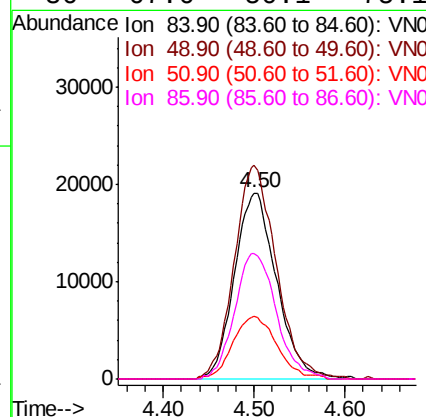
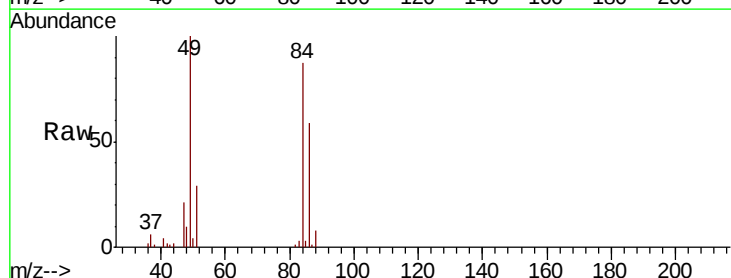
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0624WBSD01

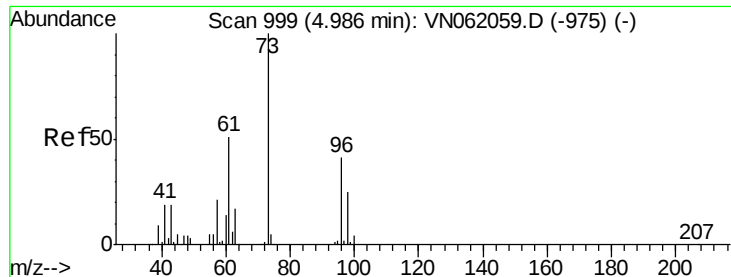
Tot Ion: 73 Resp: 171694  
Ion Ratio Lower Upper  
73 100  
57 21.4 16.6 24.8



#20  
Methylene Chloride  
Concen: 19.372 ug/l  
RT: 4.50 min Scan# 848  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

Tgt Ion: 84 Resp: 61517  
Ion Ratio Lower Upper  
84 100  
49 114.9 90.6 136.0  
51 33.7 27.8 41.8  
86 67.6 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.175 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0624WBSD01

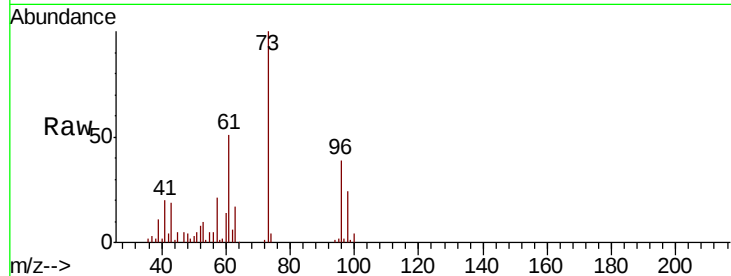
Tot Ion: 96 Resp: 55001

Ion Ratio Lower Upper

96 100

61 131.7 101.4 152.2

98 62.6 49.3 73.9

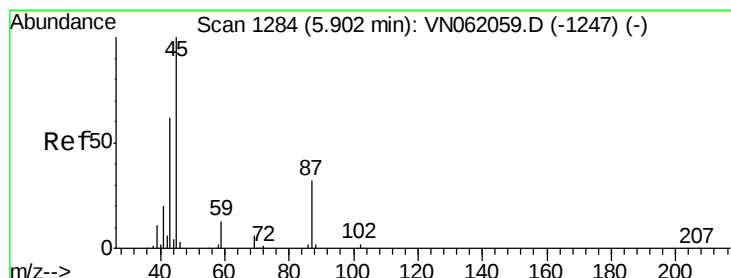
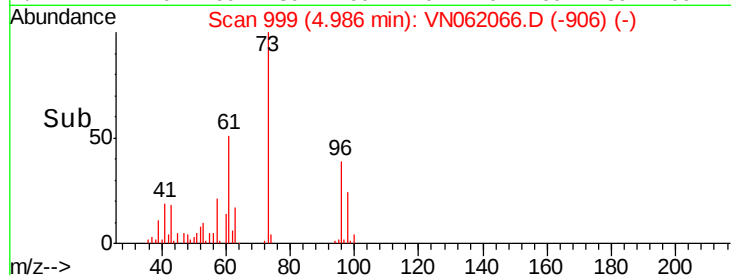
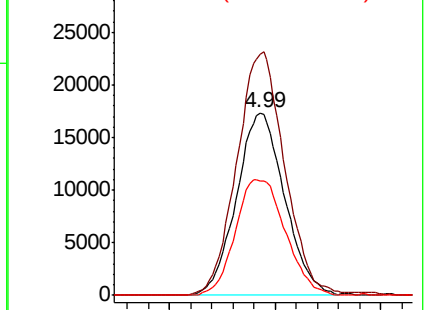


Abundance

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: 18.335 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Tgt Ion: 45 Resp: 159780

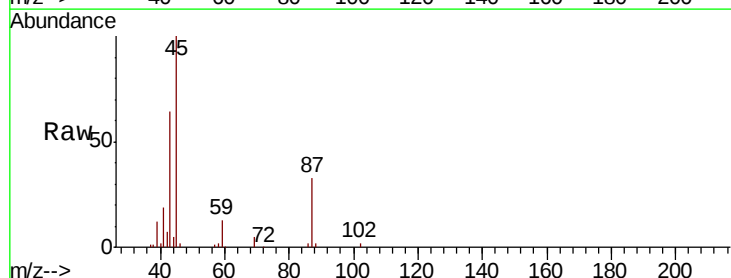
Ion Ratio Lower Upper

45 100

43 61.8 49.7 74.5

87 33.4 25.9 38.9

59 12.7 10.6 16.0



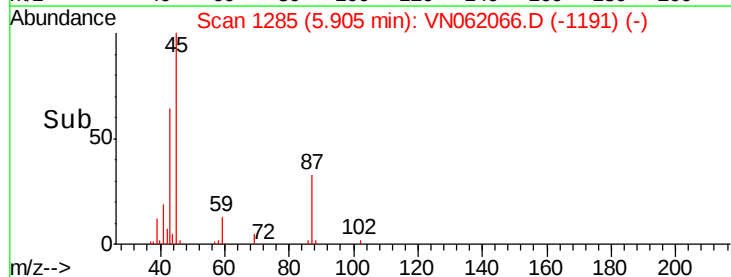
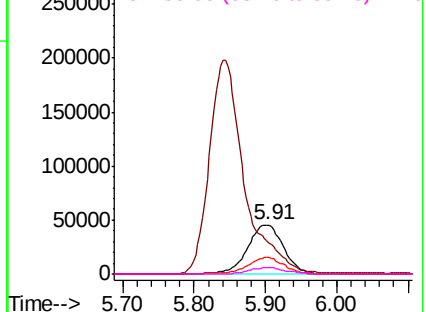
Abundance

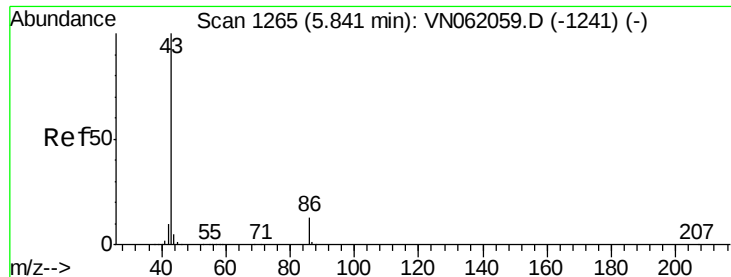
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

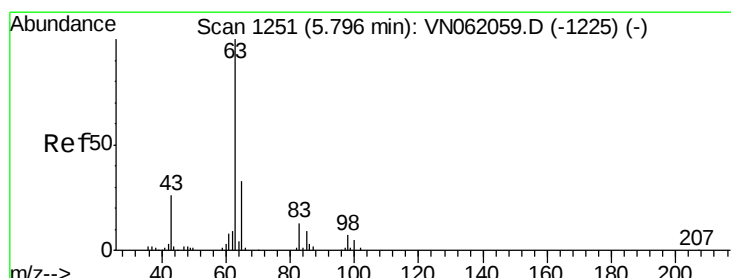
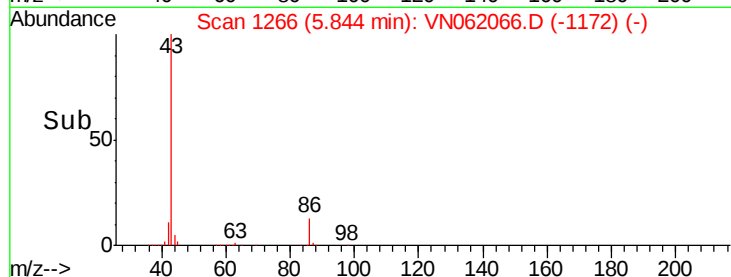
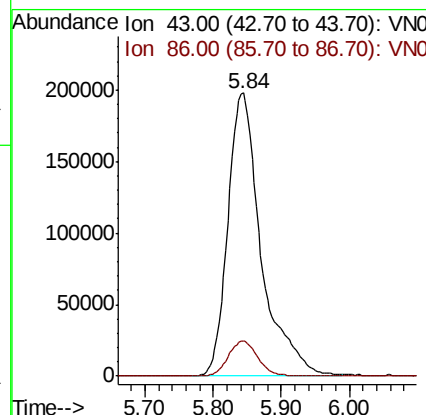
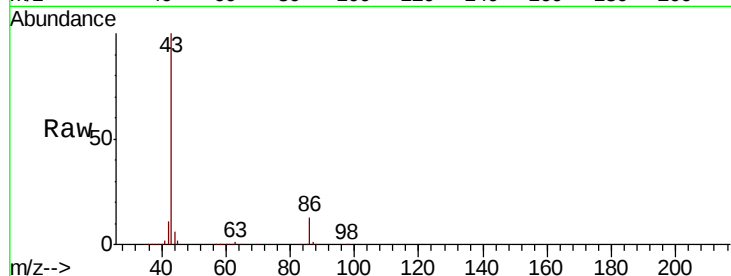




#23  
 Vinyl Acetate  
 Concen: 94.582 ug/l  
 RT: 5.84 min Scan# 1266  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

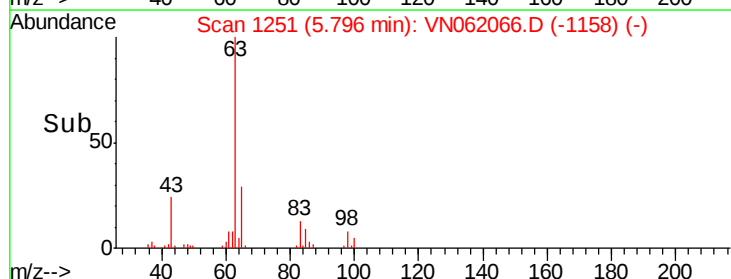
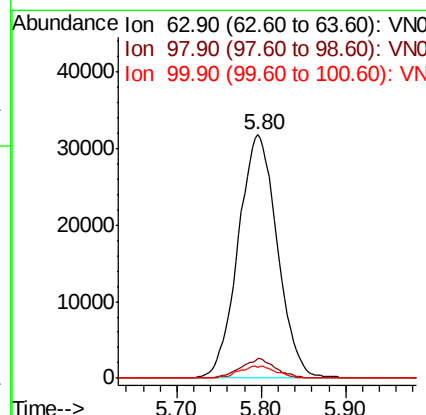
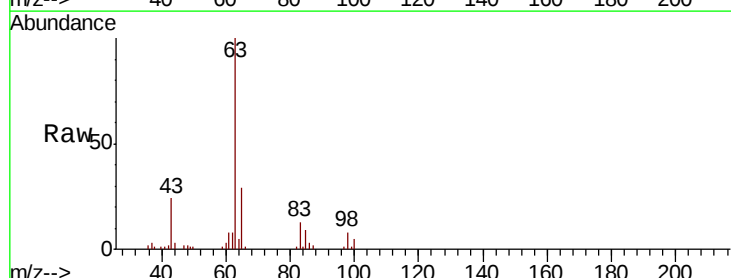
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0624WBSD01

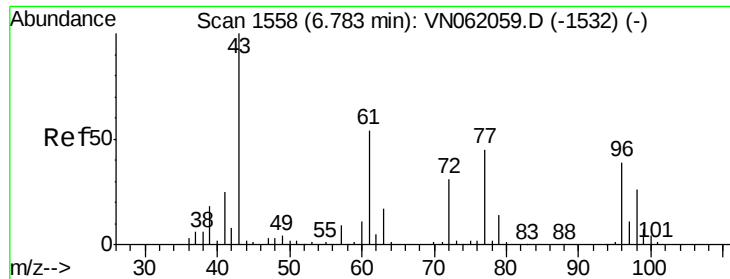
Tot Ion: 43 Resp: 672929  
 Ion Ratio Lower Upper  
 43 100  
 86 12.6 10.1 15.1



#24  
 1,1-Dichloroethane  
 Concen: 18.247 ug/l  
 RT: 5.80 min Scan# 1251  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

Tgt Ion: 63 Resp: 102391  
 Ion Ratio Lower Upper  
 63 100  
 98 7.9 3.6 10.9  
 100 4.6 2.4 7.1





#25

2-Butanone

Concen: 95.862 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleID :

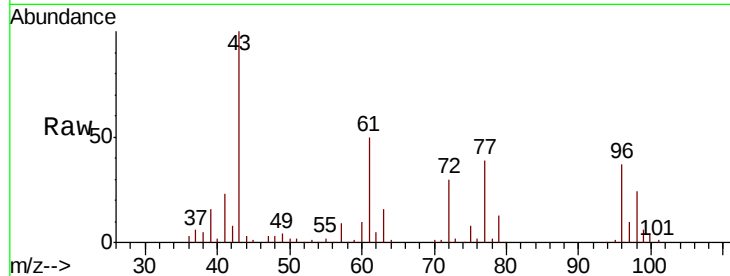
VN0624WBSD01

Tot Ion: 43 Resp: 160980

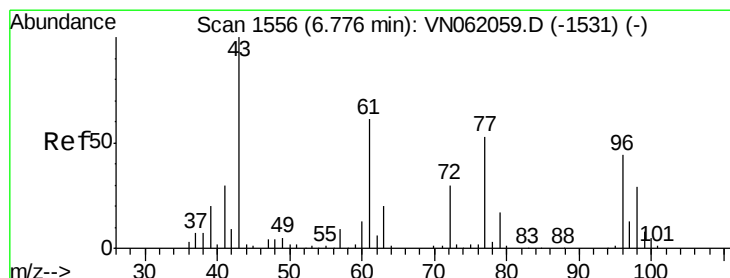
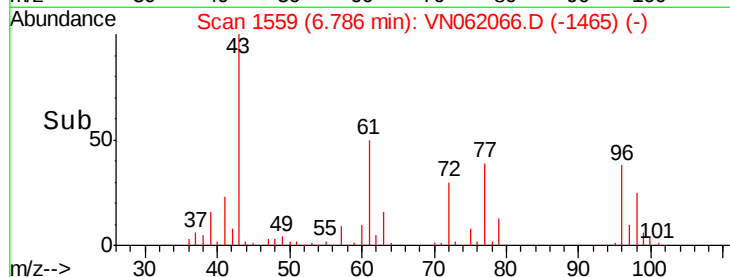
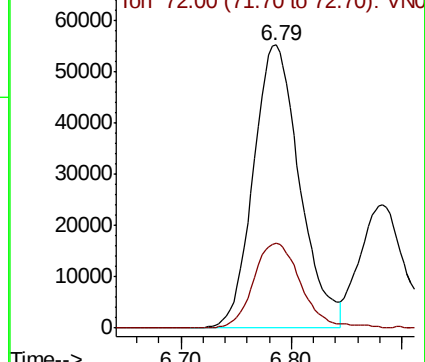
Ion Ratio Lower Upper

43 100

72 30.2 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1532) (-)



#26

2,2-Dichloropropane

Concen: 17.815 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062066.D

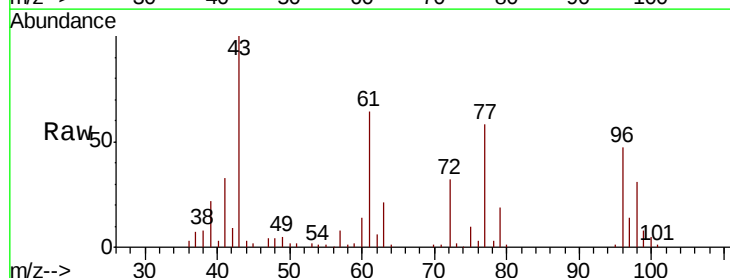
Acq: 24 Jun 2020 16:36

Tgt Ion: 77 Resp: 83304

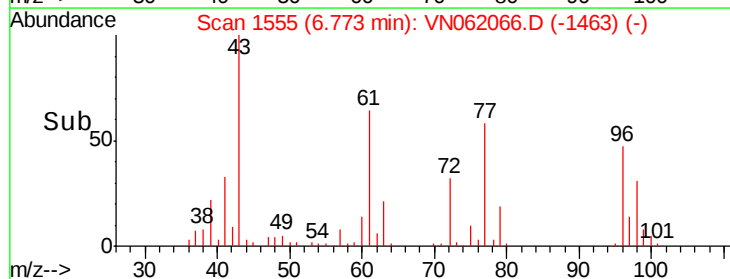
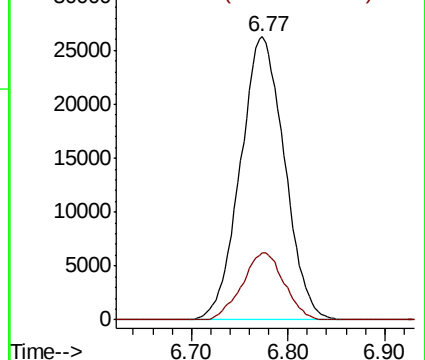
Ion Ratio Lower Upper

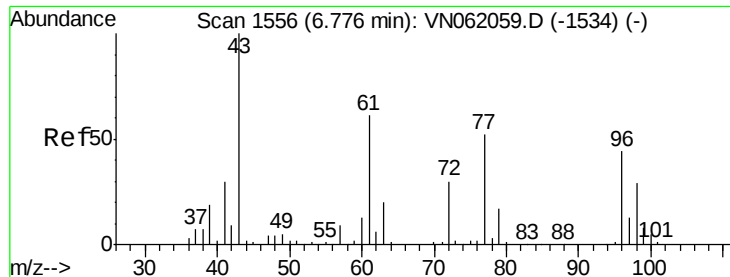
77 100

97 22.4 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN062059.D (-1531) (-)





#27

cis-1,2-Dichloroethene

Concen: 18.070 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0624WBSD01

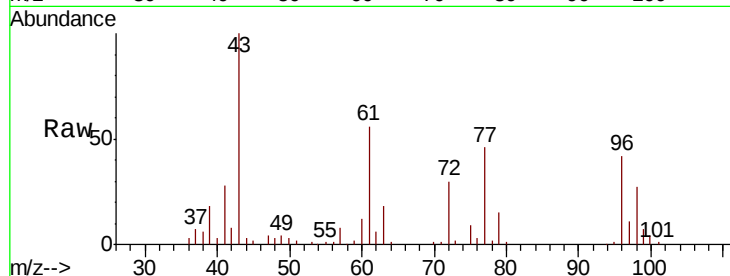
Tot Ion: 96 Resp: 65115

Ion Ratio Lower Upper

96 100

61 135.0 0.0 280.4

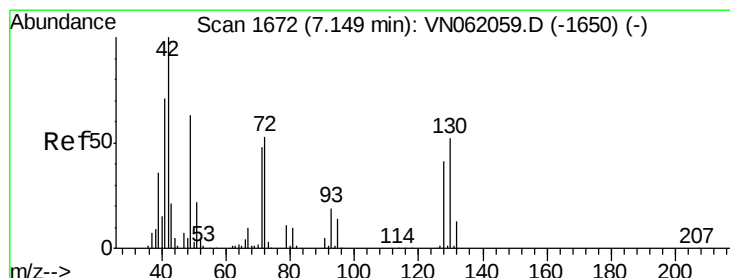
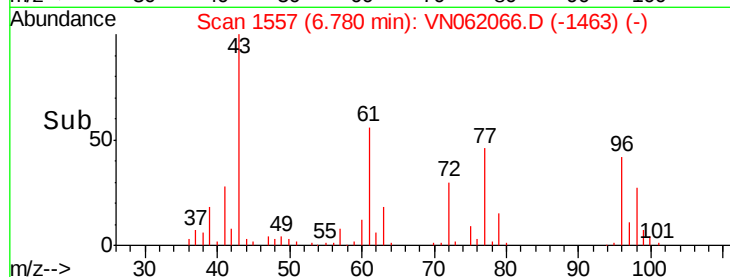
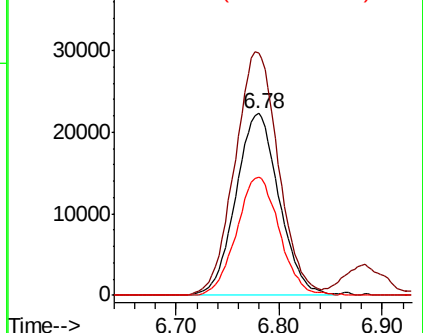
98 64.1 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1534) (-)



#28

Bromochloromethane

Concen: 19.078 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

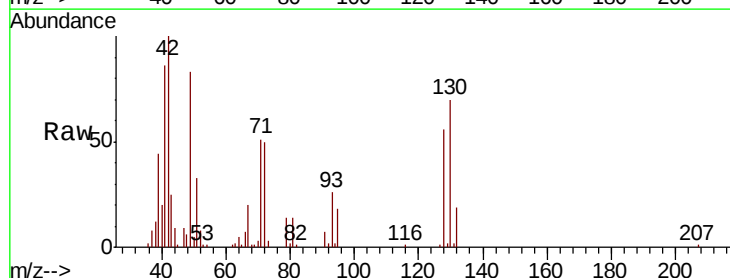
Tgt Ion: 49 Resp: 46450

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.4

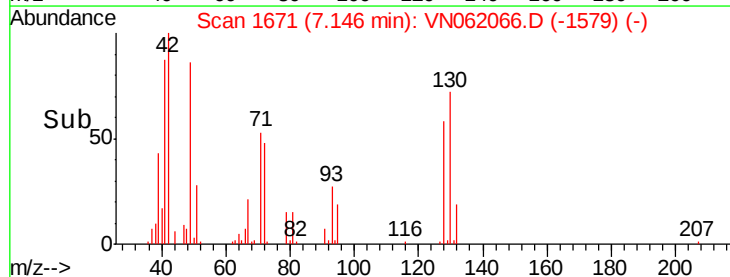
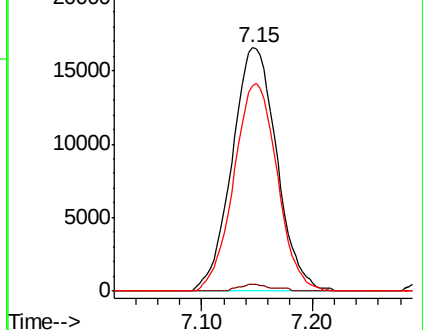
130 82.9 65.5 98.3



Abundance Ion 48.90 (48.60 to 49.60): VN062059.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN062059.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN062059.D (-1650) (-)

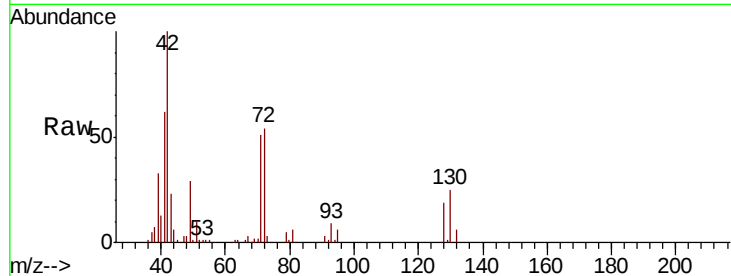




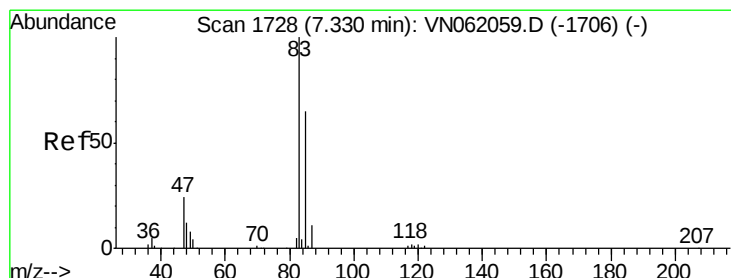
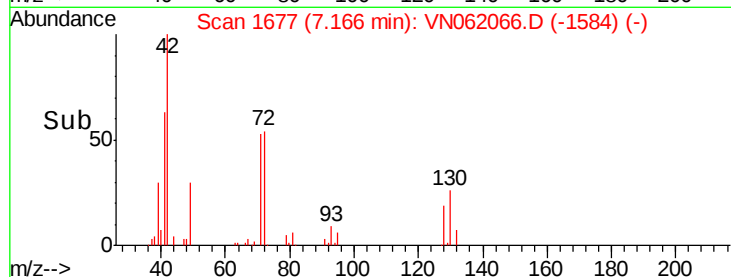
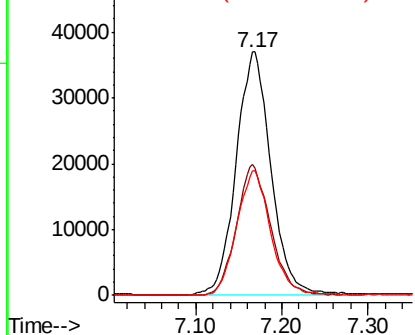
#29  
Tetrahydrofuran  
Concen: 94.935 ug/l  
RT: 7.17 min Scan# 1677  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0624WBSD01

Tot Ion: 42 Resp: 104430  
Ion Ratio Lower Upper  
42 100  
72 52.4 41.1 61.7  
71 49.8 38.2 57.4

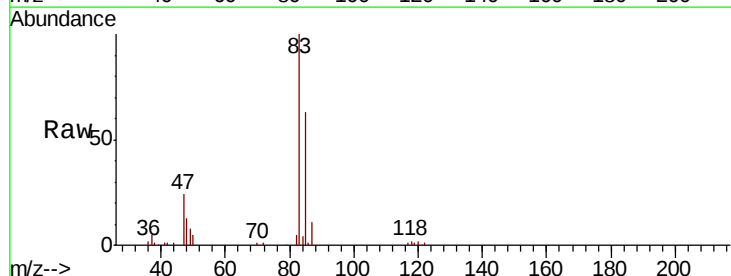


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

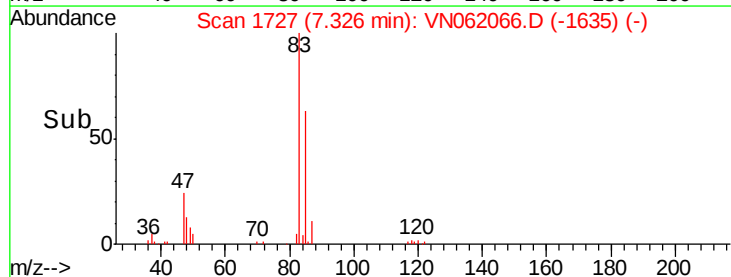
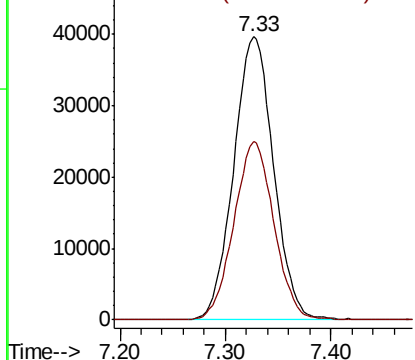


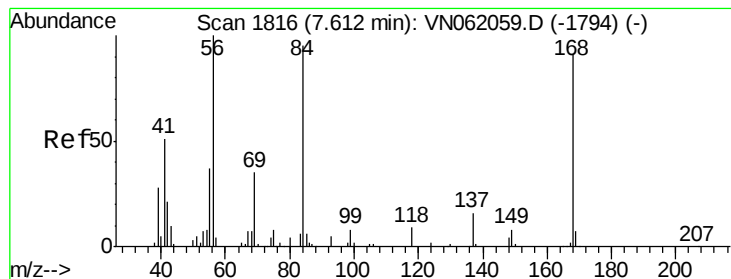
#30  
Chloroform  
Concen: 18.245 ug/l  
RT: 7.33 min Scan# 1727  
Delta R.T. -0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

Tgt Ion: 83 Resp: 104166  
Ion Ratio Lower Upper  
83 100  
85 63.0 52.3 78.5



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





#31

Cvclohexane

Concen: 18.294 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0624WBSD01

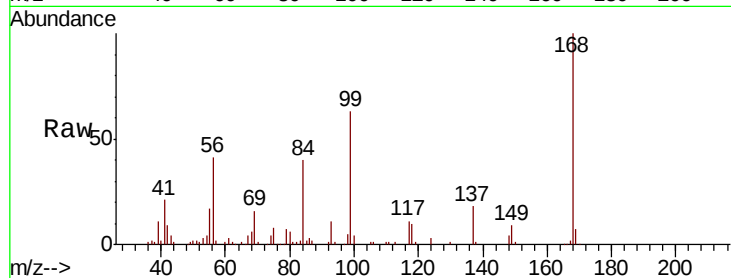
Tot Ion: 56 Resp: 86834

Ion Ratio Lower Upper

56 100

69 38.2 28.0 42.0

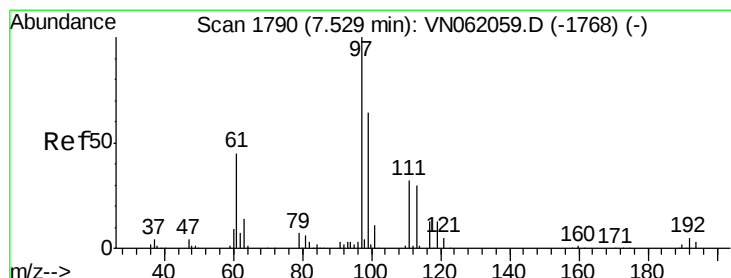
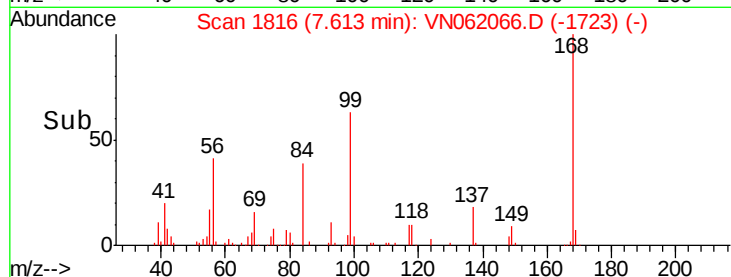
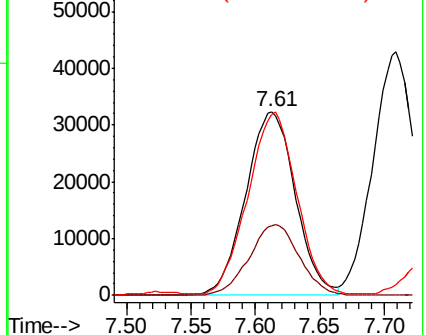
84 97.7 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062059.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062059.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 17.988 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

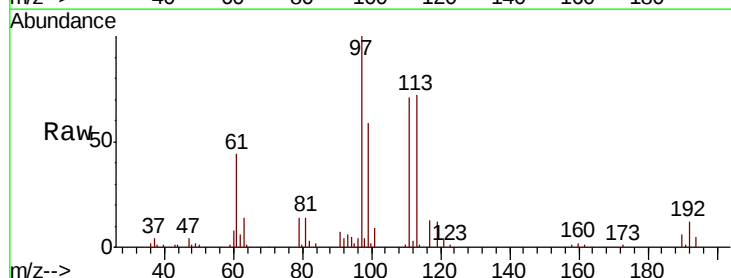
Tgt Ion: 97 Resp: 86607

Ion Ratio Lower Upper

97 100

99 63.0 51.0 76.4

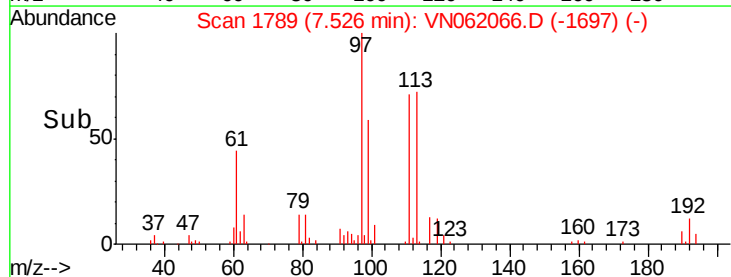
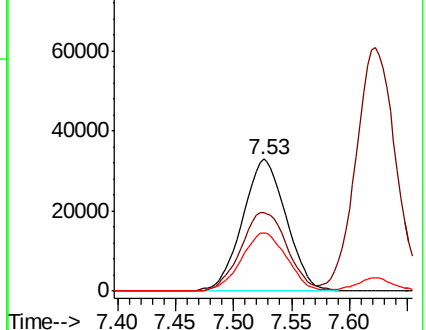
61 45.7 36.2 54.2

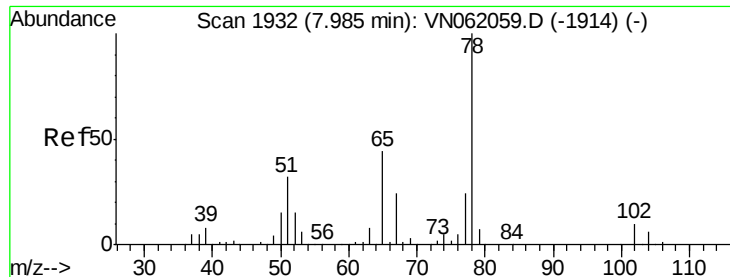


Abundance Ion 96.90 (96.60 to 97.60): VN062059.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN062059.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1768) (-)

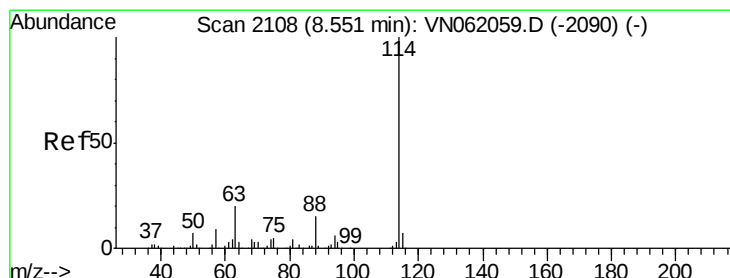
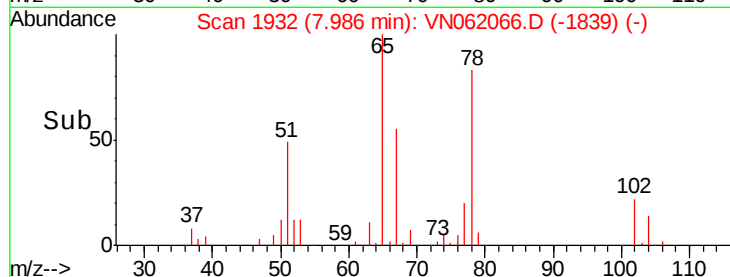
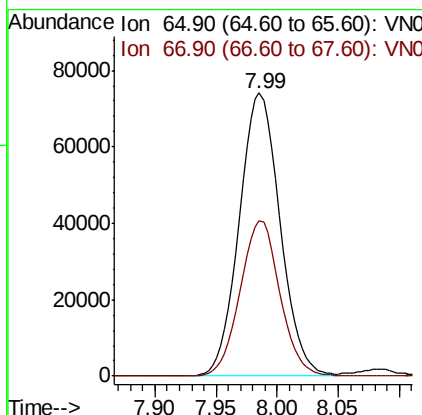
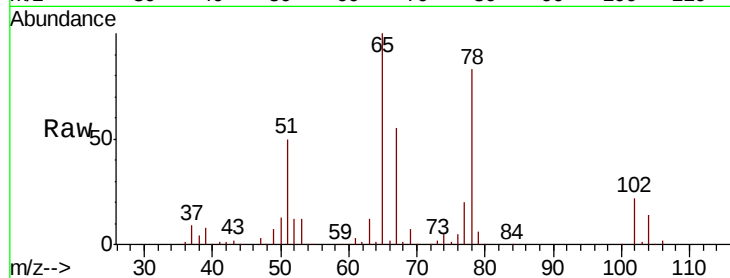




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.026 ug/l  
 RT: 7.99 min Scan# 1932  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

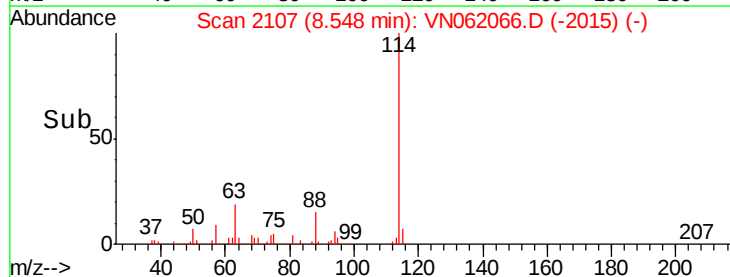
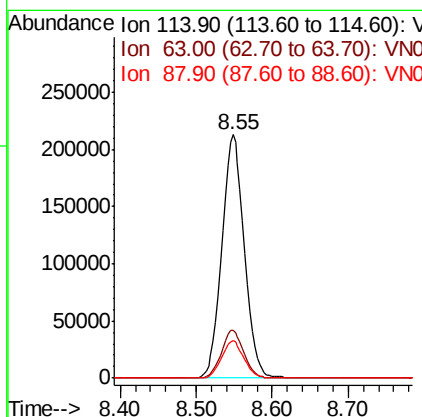
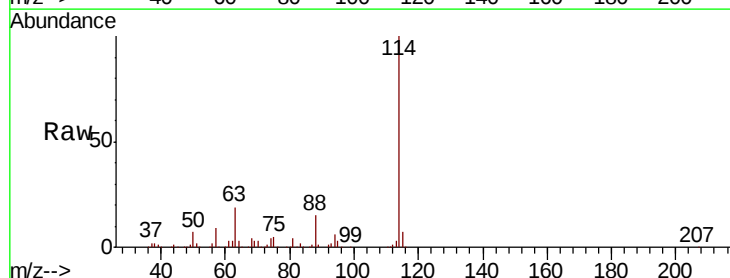
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0624WBSD01

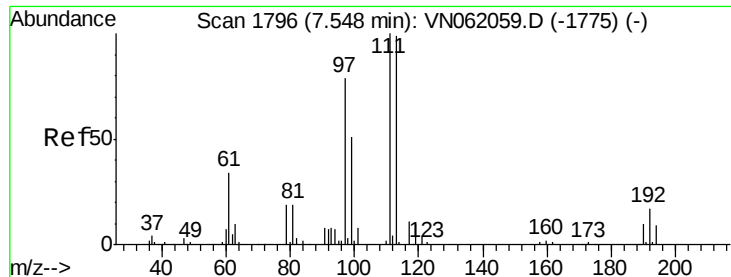
Tot Ion: 65 Resp: 171869  
 Ion Ratio Lower Upper  
 65 100  
 67 53.3 0.0 106.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2107  
 Delta R.T. -0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

Tgt Ion: 114 Resp: 436751  
 Ion Ratio Lower Upper  
 114 100  
 63 19.5 0.0 39.2  
 88 15.4 0.0 30.8

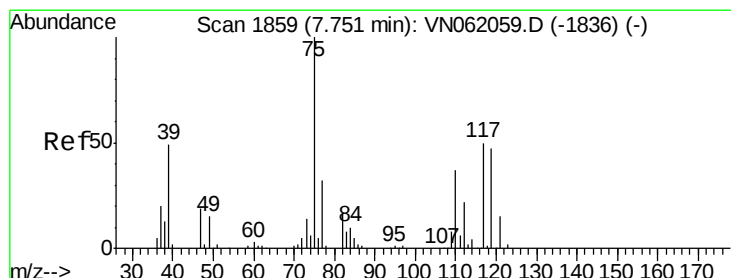
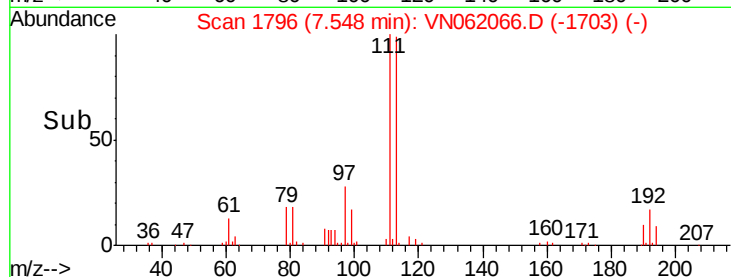
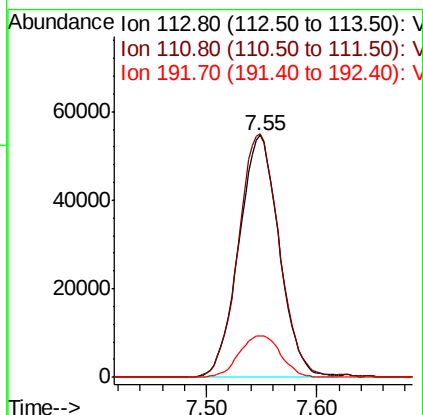
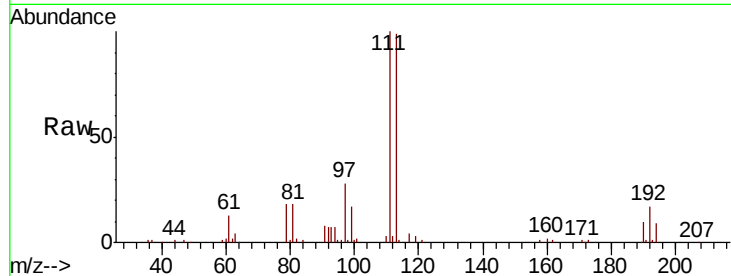




#35  
 Dibromofluoromethane  
 Concen: 49.454 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

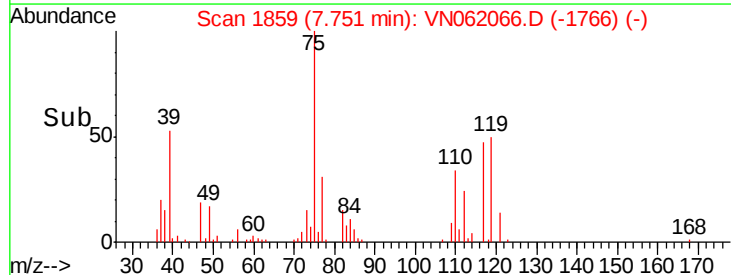
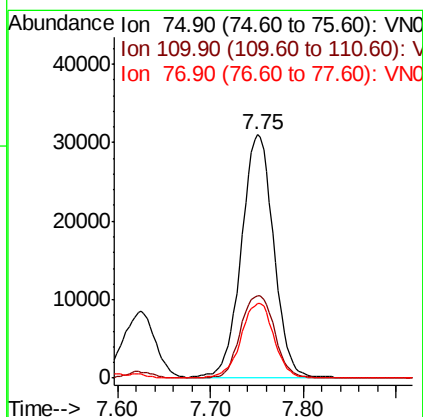
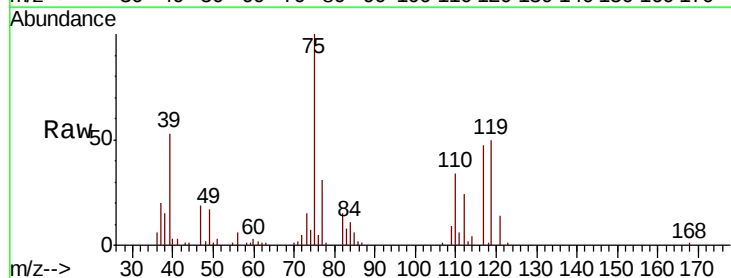
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0624WBSD01

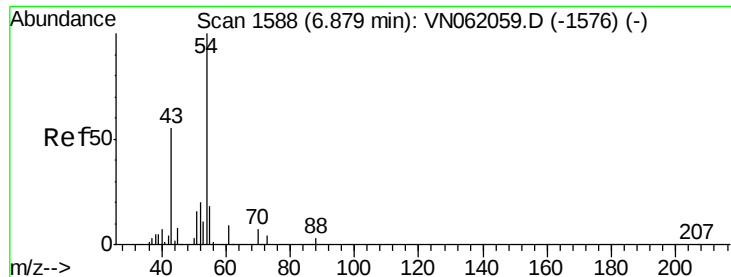
Tot Ion:113 Resp: 138568  
 Ion Ratio Lower Upper  
 113 100  
 111 101.6 82.2 123.4  
 192 17.7 14.0 21.0



#36  
 1,1-Dichloropropene  
 Concen: 17.159 ug/l  
 RT: 7.75 min Scan# 1859  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

Tgt Ion: 75 Resp: 75330  
 Ion Ratio Lower Upper  
 75 100  
 110 35.6 17.9 53.8  
 77 31.2 24.9 37.3

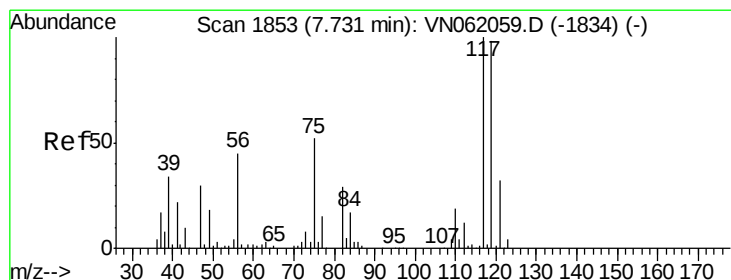
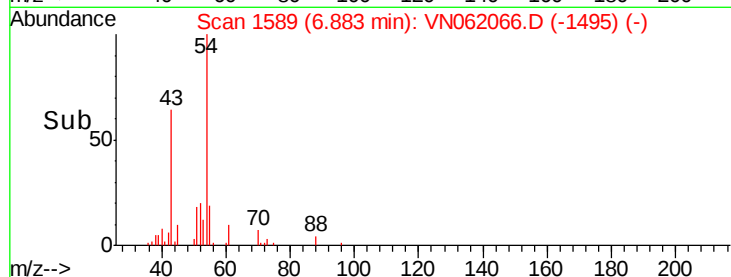
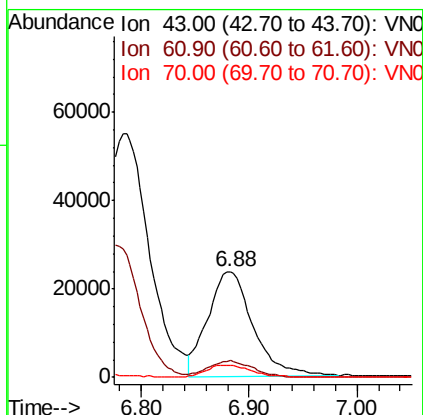
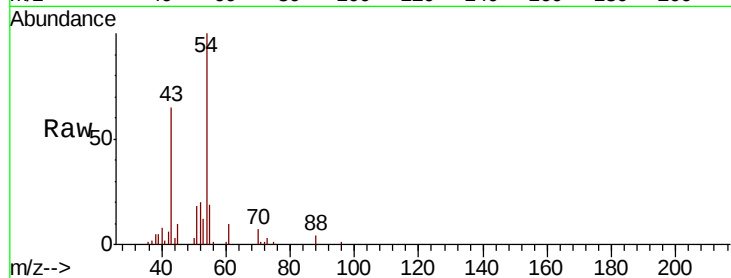




#37  
Ethyl Acetate  
Concen: 18.813 ug/l  
RT: 6.88 min Scan# 1589  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

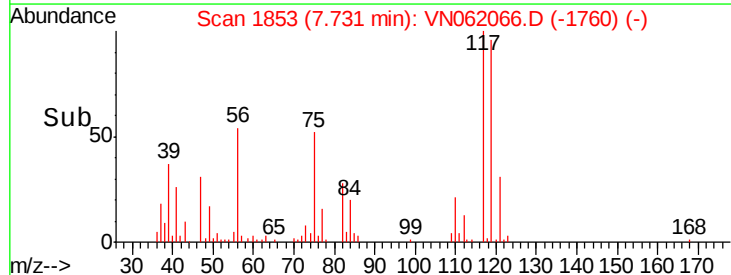
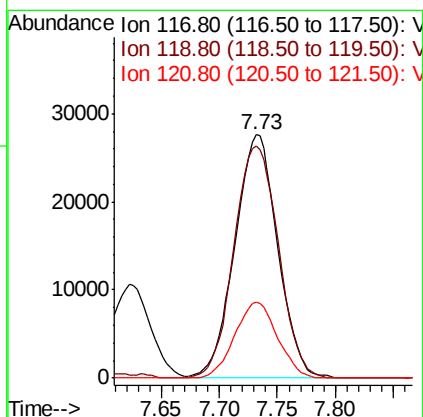
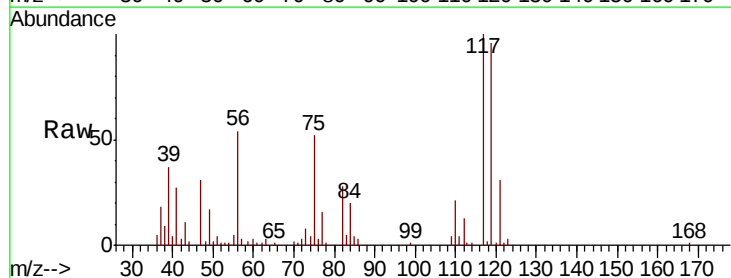
Instrument :  
MSVOA\_N  
ClientSampleID :  
VN0624WBSD01

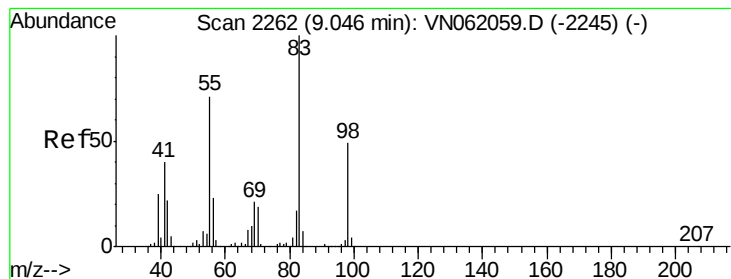
Tot Ion: 43 Resp: 68388  
Ion Ratio Lower Upper  
43 100  
61 15.9 12.0 18.0  
70 11.9 9.6 14.4



#38  
Carbon Tetrachloride  
Concen: 17.170 ug/l  
RT: 7.73 min Scan# 1853  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

Tgt Ion: 117 Resp: 71065  
Ion Ratio Lower Upper  
117 100  
119 95.6 78.2 117.2  
121 31.4 25.8 38.6

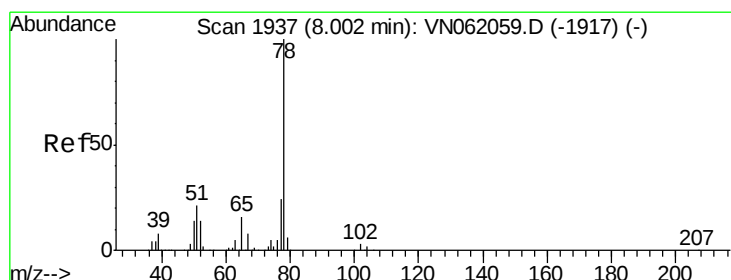
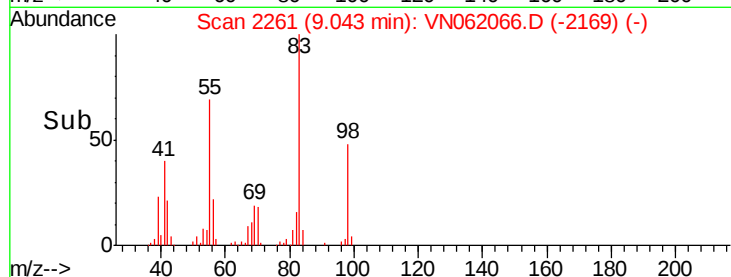
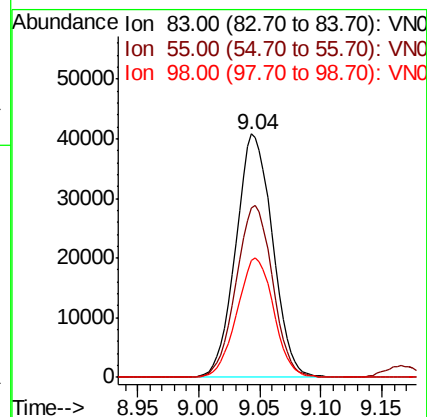
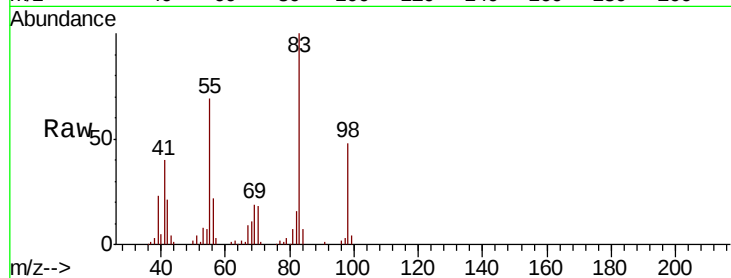




#39  
Methvlcvclohexane  
Concen: 17.715 ug/l  
RT: 9.04 min Scan# 2261  
Delta R.T. -0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

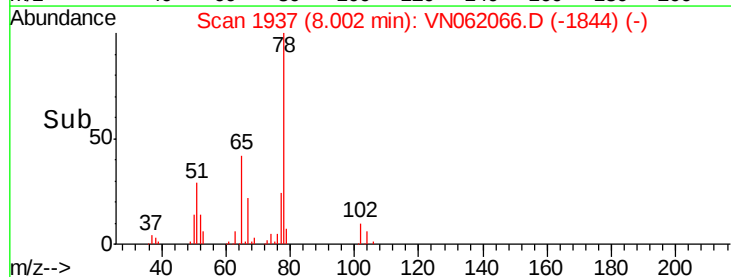
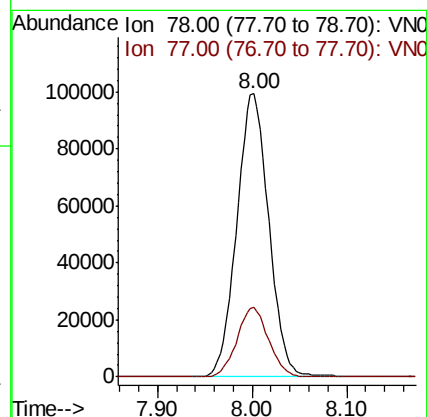
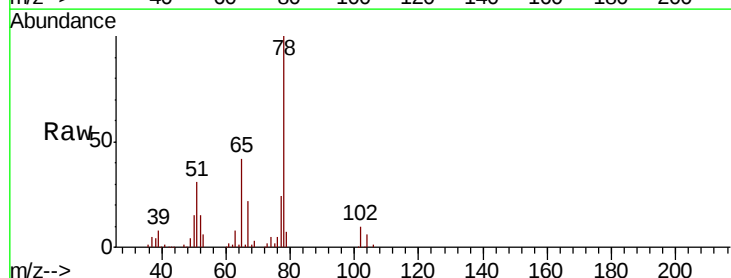
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0624WBSD01

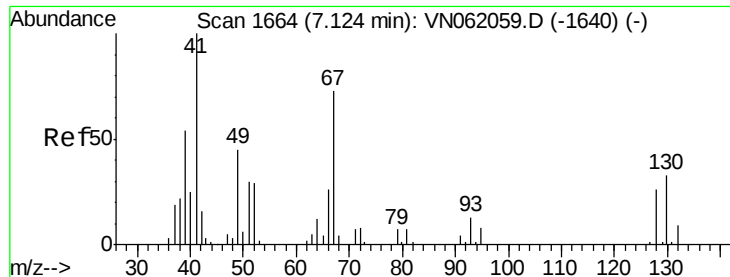
Tot Ion: 83 Resp: 85209  
Ion Ratio Lower Upper  
83 100  
55 69.4 57.0 85.6  
98 47.8 39.0 58.6



#40  
Benzene  
Concen: 17.428 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

Tgt Ion: 78 Resp: 233189  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.5 29.3

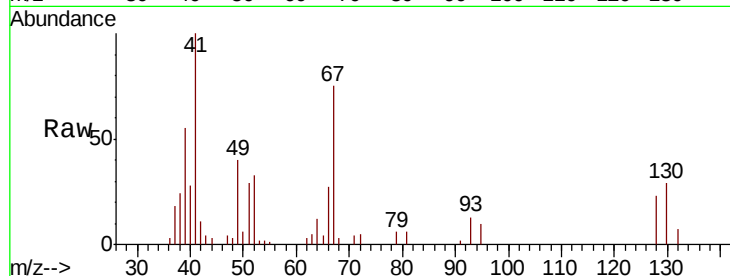




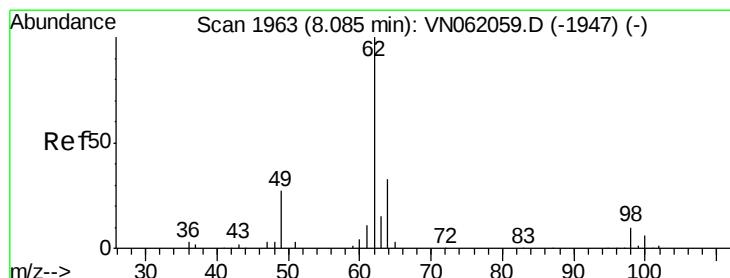
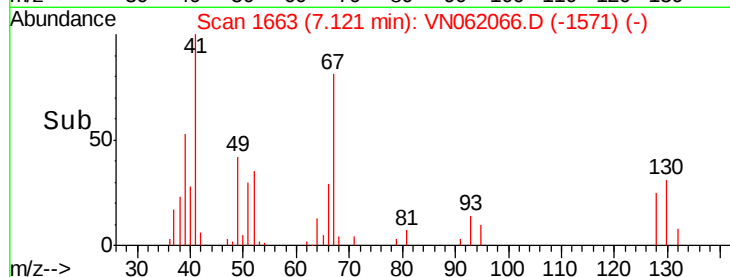
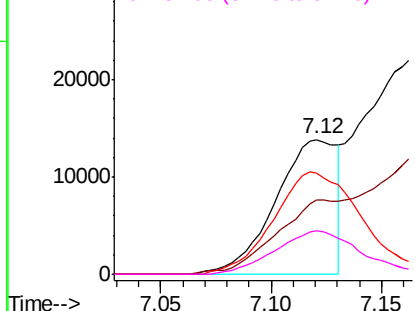
#41  
Methacrylonitrile  
Concen: 15.909 ug/l  
RT: 7.12 min Scan# 1663  
Delta R.T. -0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0624WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 26811 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.8  | 44.2  | 66.2  |
| 67       | 109.2 | 79.5  | 119.3 |
| 52       | 45.4  | 32.3  | 48.5  |

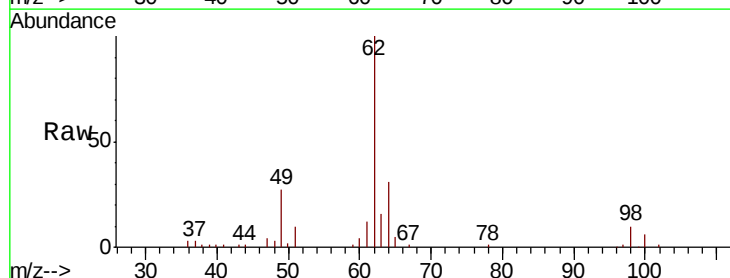


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

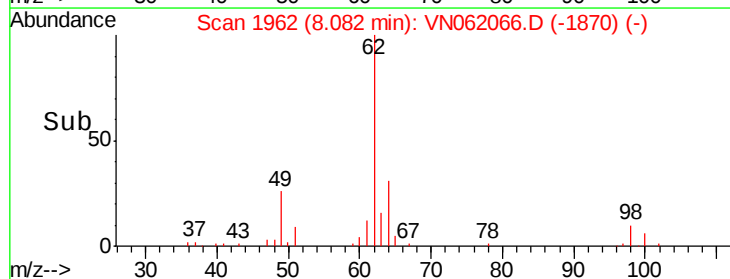
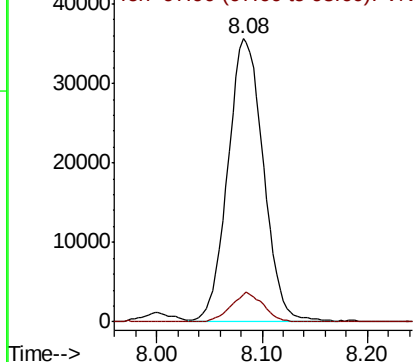


#42  
1,2-Dichloroethane  
Concen: 18.470 ug/l  
RT: 8.08 min Scan# 1962  
Delta R.T. -0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 83500 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.5   | 0.0   | 19.8  |



Abundance Ion 61.90 (61.60 to 62.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 18.282 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0624WBSD01

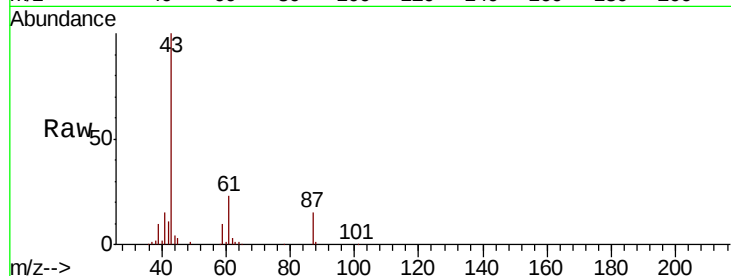
Tot Ion: 43 Resp: 108337

Ion Ratio Lower Upper

43 100

61 22.9 17.2 25.8

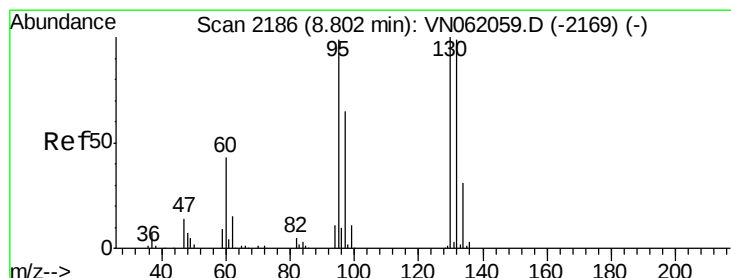
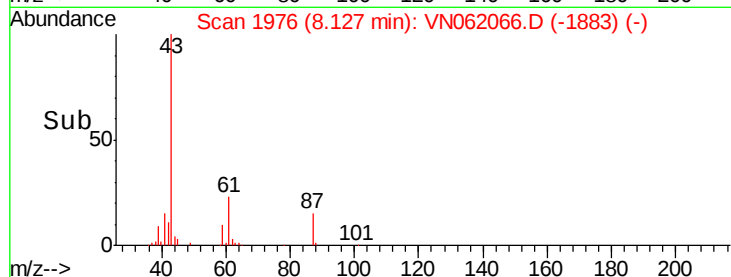
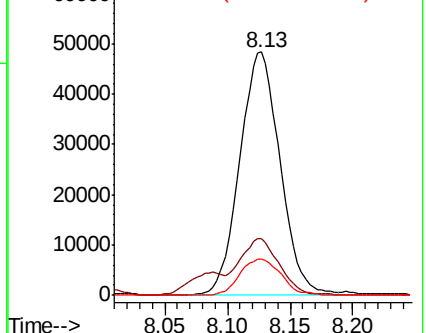
87 15.2 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)



#44

Trichloroethene

Concen: 17.287 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062066.D

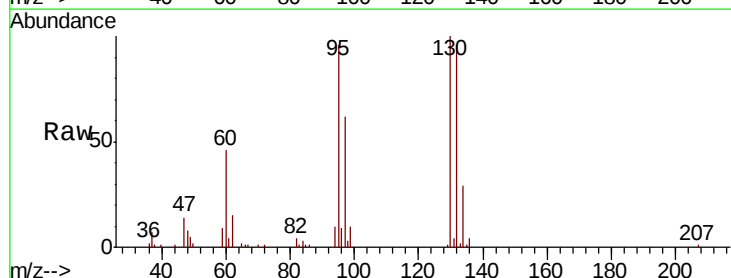
Acq: 24 Jun 2020 16:36

Tgt Ion:130 Resp: 58347

Ion Ratio Lower Upper

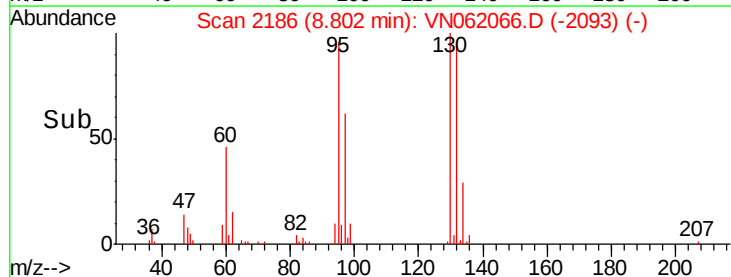
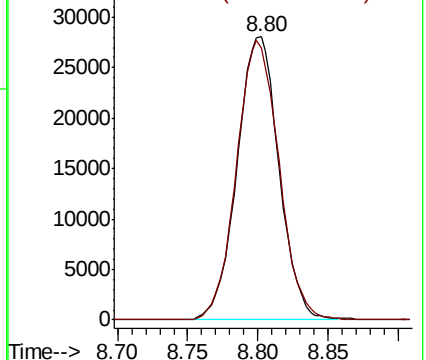
130 100

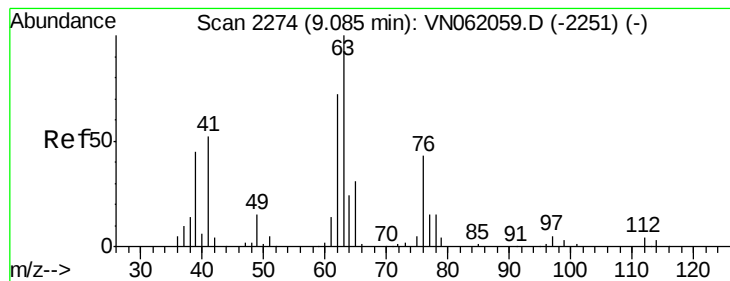
95 96.2 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 18.122 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

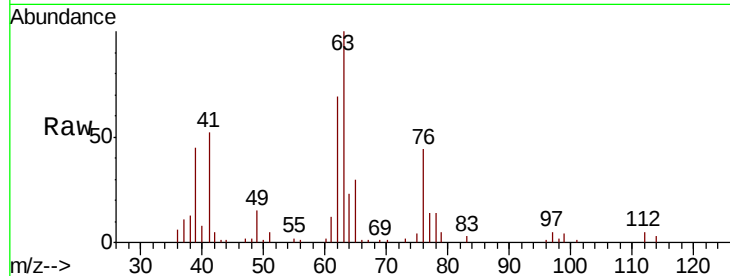
VN0624WBSD01

Tot Ion: 63 Resp: 59821

Ion Ratio Lower Upper

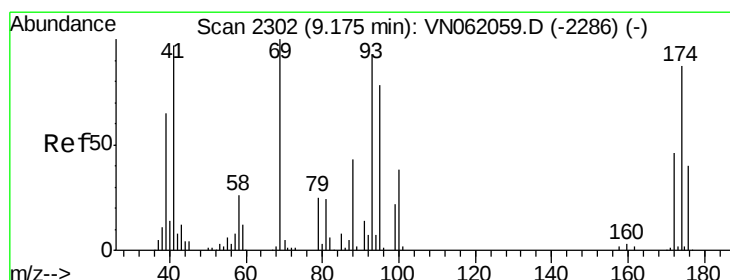
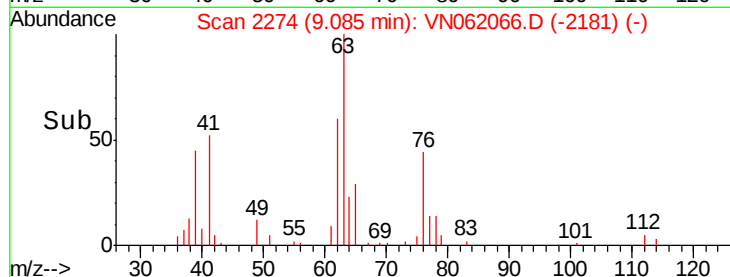
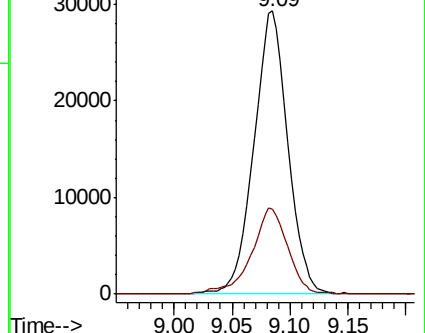
63 100

65 29.9 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN062059.D (-2251) (-)

Ion 64.90 (64.60 to 65.60): VN062059.D (-2251) (-)



#46

Dibromomethane

Concen: 18.756 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

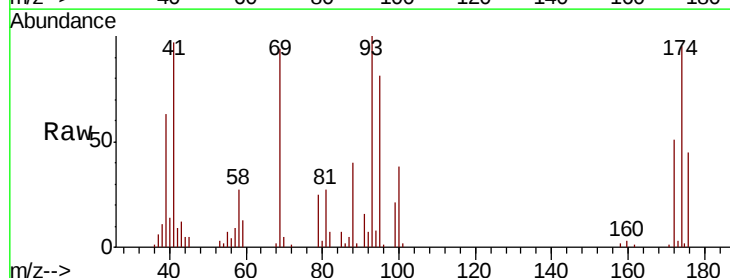
Tgt Ion: 93 Resp: 41978

Ion Ratio Lower Upper

93 100

95 81.5 67.0 100.6

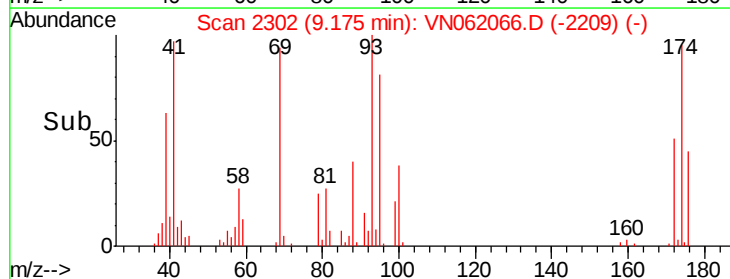
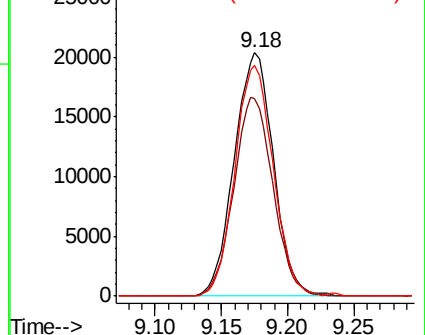
174 92.2 74.4 111.6



Abundance Ion 92.80 (92.50 to 93.50): VN062059.D (-2286) (-)

Ion 94.80 (94.50 to 95.50): VN062059.D (-2286) (-)

Ion 173.70 (173.40 to 174.40): VN062059.D (-2286) (-)





#47

Bromodichloromethane

Concen: 18.412 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0624WBSD01

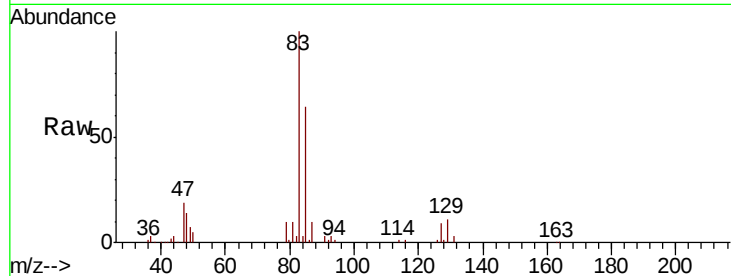
Tot Ion: 83 Resp: 83205

Ion Ratio Lower Upper

83 100

85 64.4 50.3 75.5

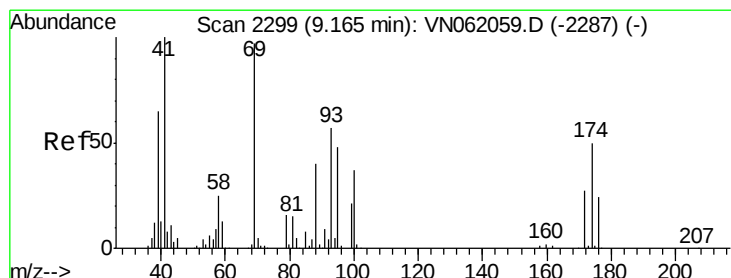
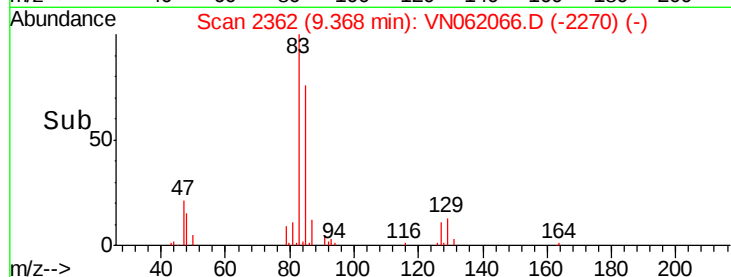
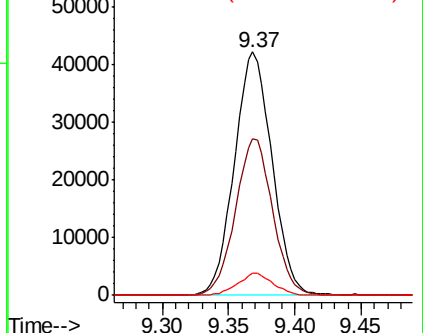
127 9.1 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062059.D (-2346) (-)

Ion 84.90 (84.60 to 85.60): VN062059.D (-2346) (-)

Ion 126.80 (126.50 to 127.50): VN062059.D (-2346) (-)



#48

Methyl methacrylate

Concen: 18.338 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

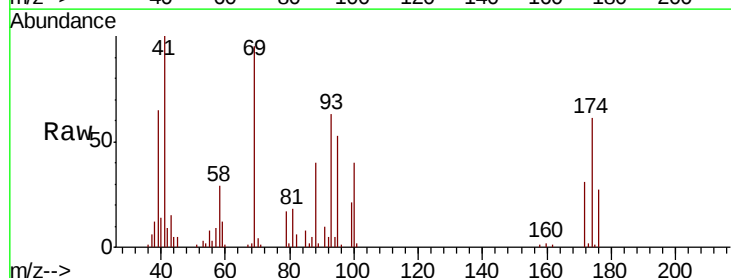
Tgt Ion: 41 Resp: 48724

Ion Ratio Lower Upper

41 100

69 98.8 80.7 121.1

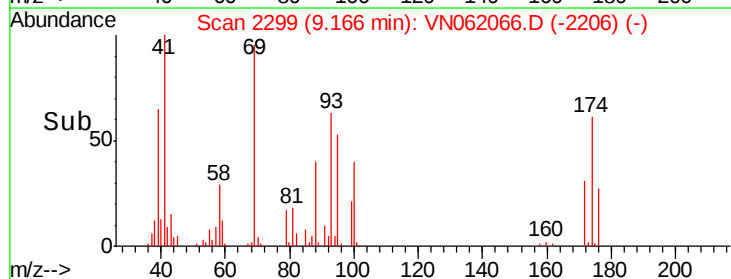
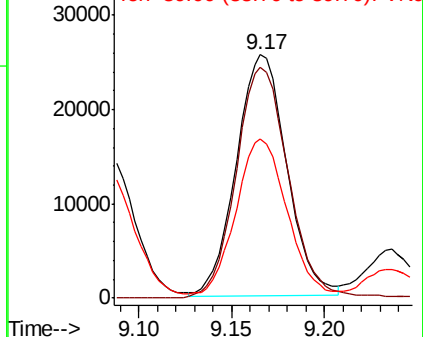
39 63.7 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062059.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-2287) (-)

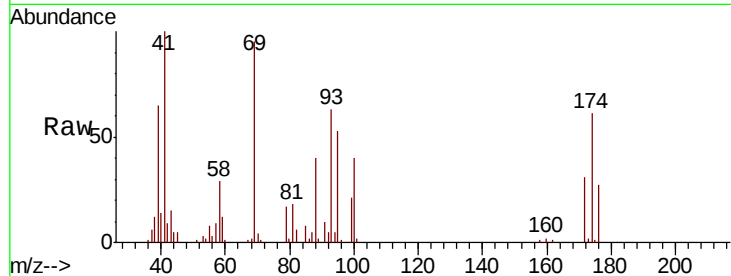




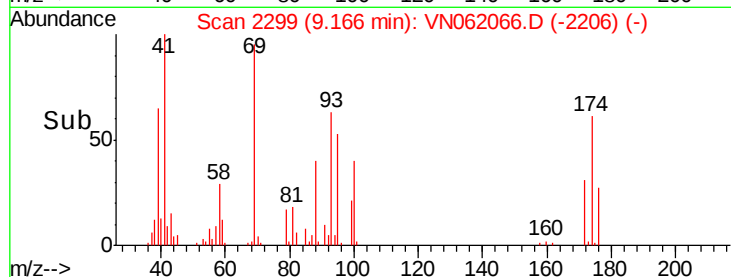
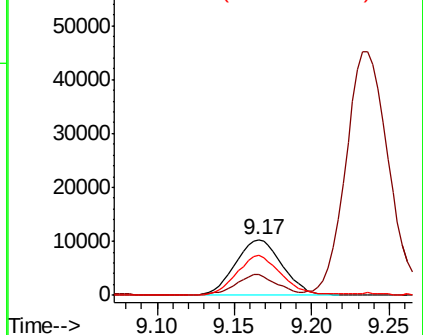
#49  
1,4-Dioxane  
Concen: 371.336 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0624WBSD01

Tot Ion: 88 Resp: 21880  
Ion Ratio Lower Upper  
88 100  
43 33.5 22.0 33.0#  
58 67.7 49.2 73.8

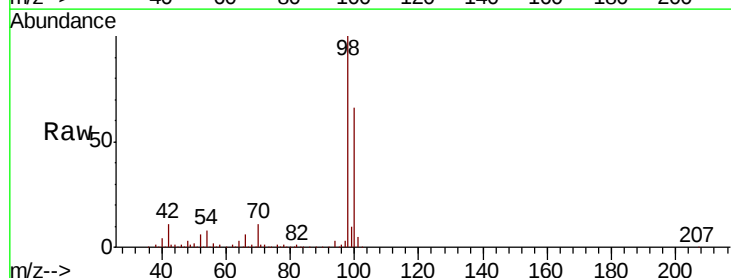


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

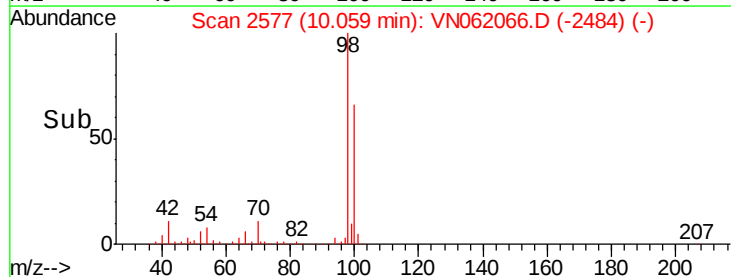
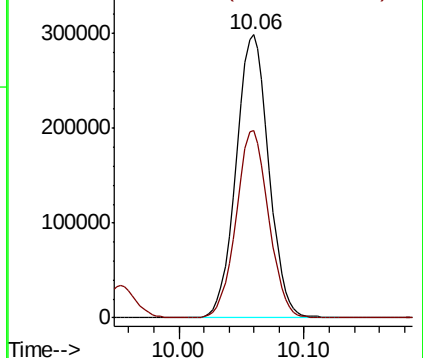


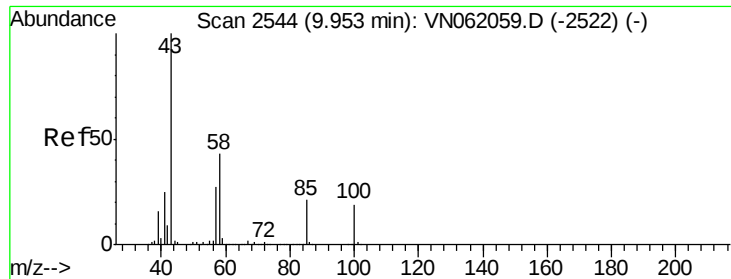
#50  
Toluene-d8  
Concen: 48.243 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

Tgt Ion: 98 Resp: 540337  
Ion Ratio Lower Upper  
98 100  
100 65.7 51.2 76.8



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: 94.794 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

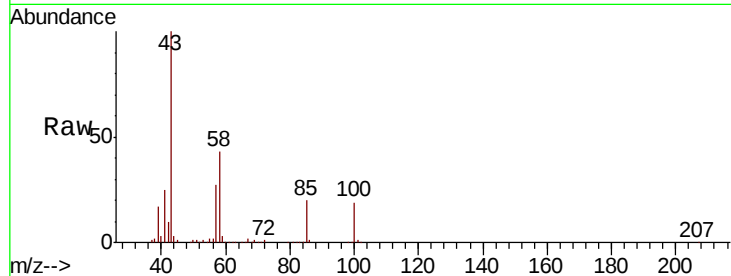
VN0624WBSD01

Tot Ion: 43 Resp: 328202

Ion Ratio Lower Upper

43 100

58 42.9 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)

9.95

200000

150000

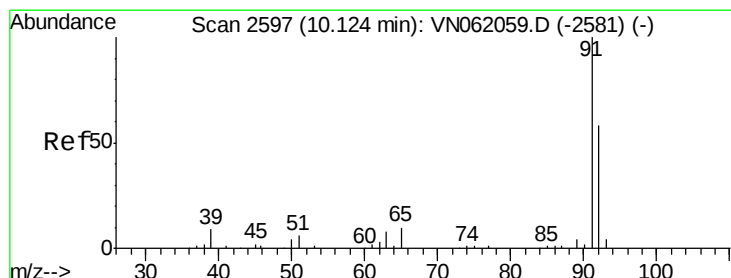
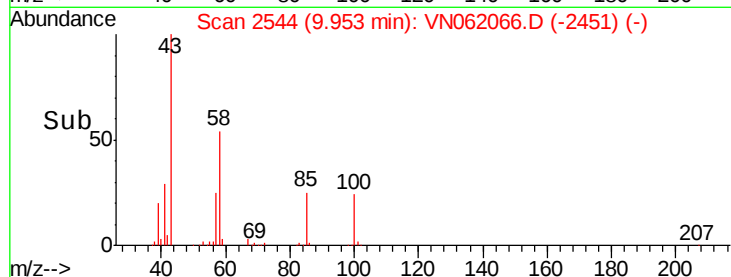
100000

50000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 18.419 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN062066.D

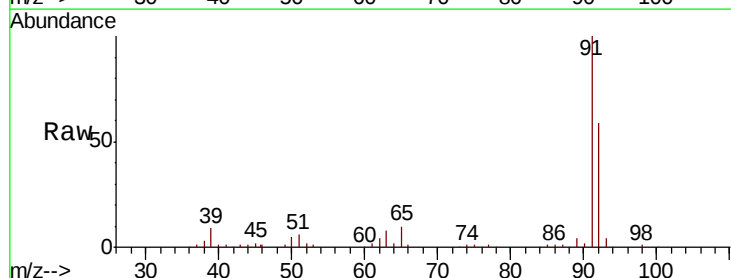
Acq: 24 Jun 2020 16:36

Tgt Ion: 92 Resp: 150374

Ion Ratio Lower Upper

92 100

91 170.8 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062059.D (-2581) (-)

10.12

150000

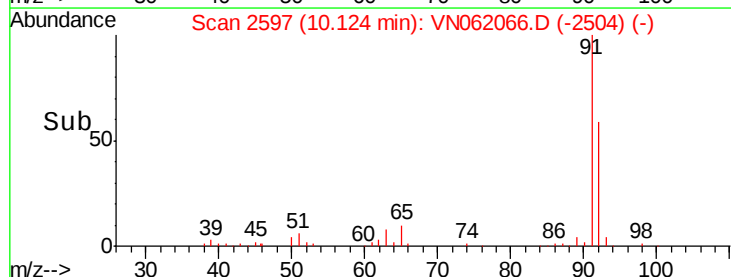
100000

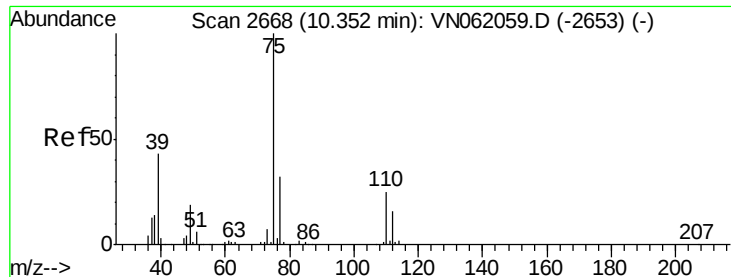
50000

0

10.10 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.828 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampled :

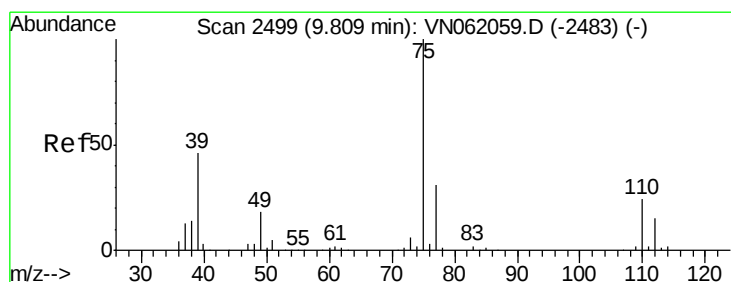
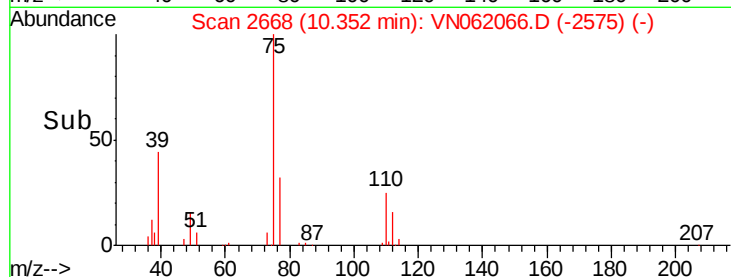
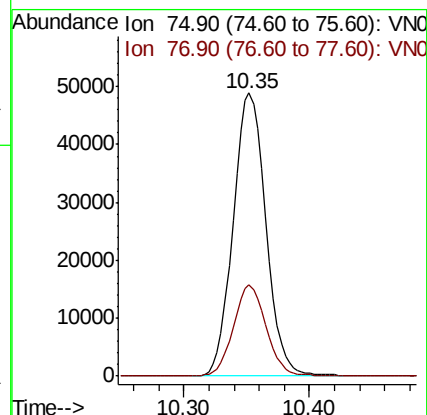
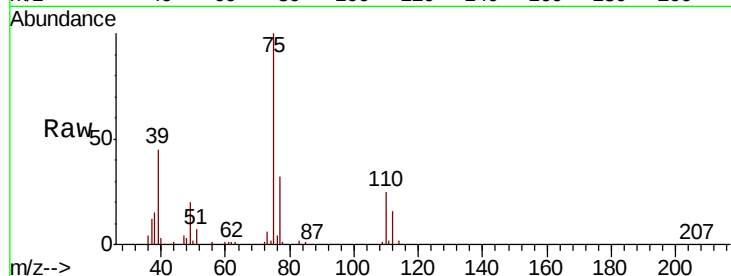
VN0624WBSD01

Tot Ion: 75 Resp: 88640

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.554 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

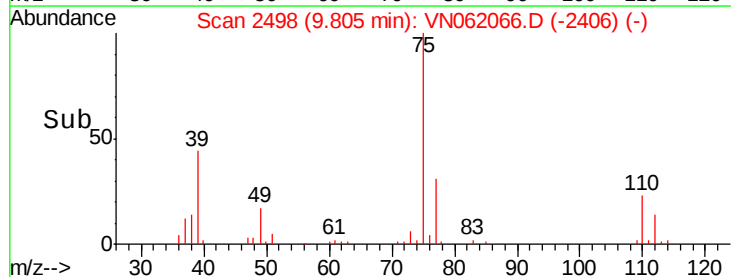
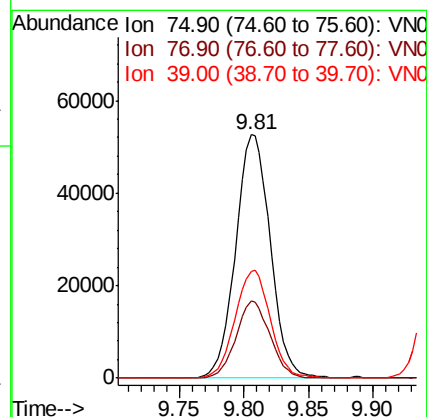
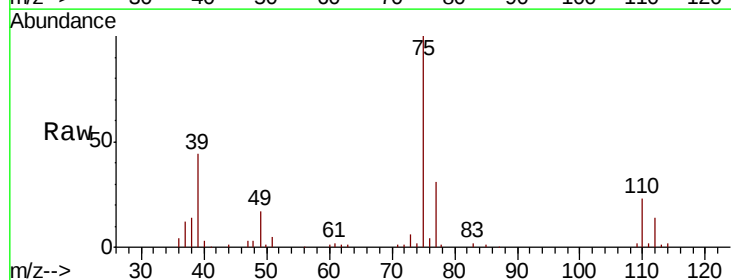
Tgt Ion: 75 Resp: 98208

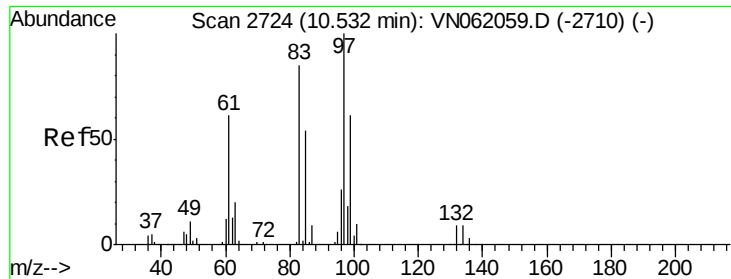
Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6

39 43.7 36.9 55.3

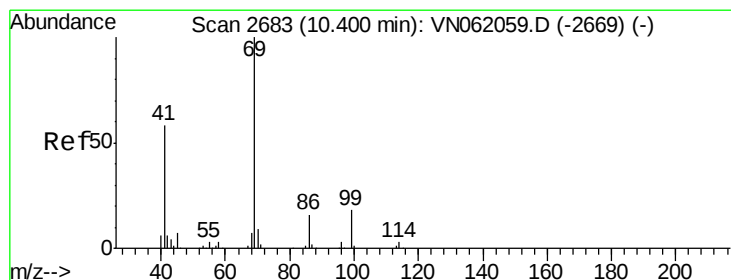
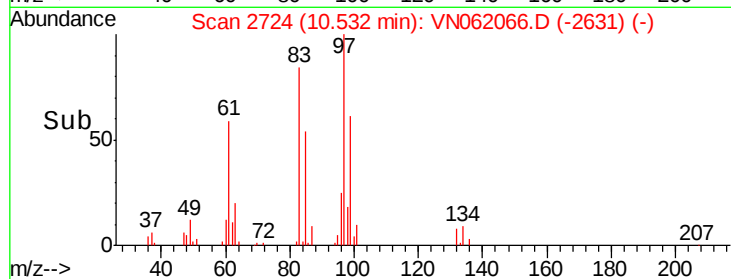
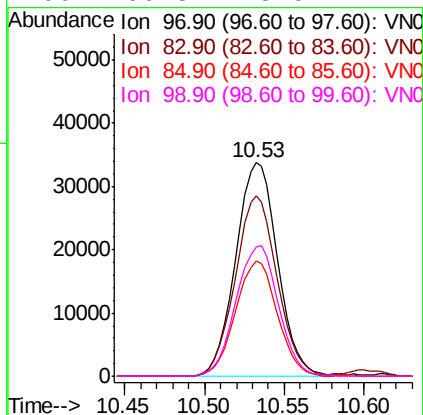
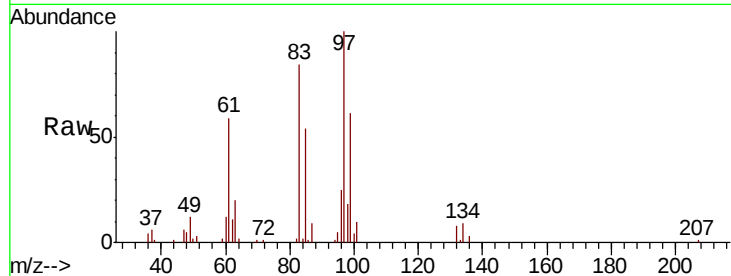




#55  
 1,1,2-Trichloroethane  
 Concen: 18.810 ug/l  
 RT: 10.53 min Scan# 2724  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

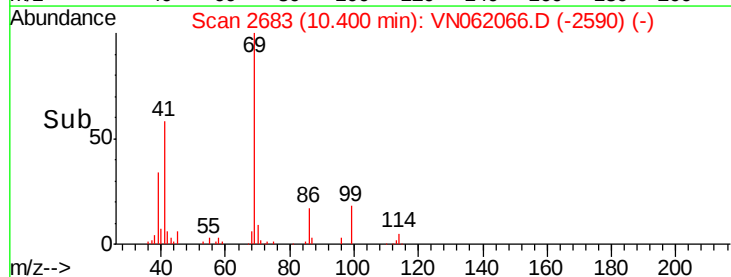
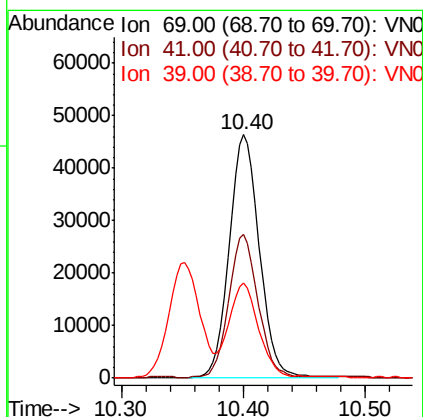
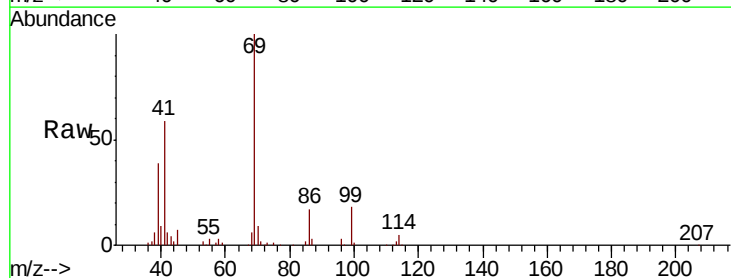
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0624WBSD01

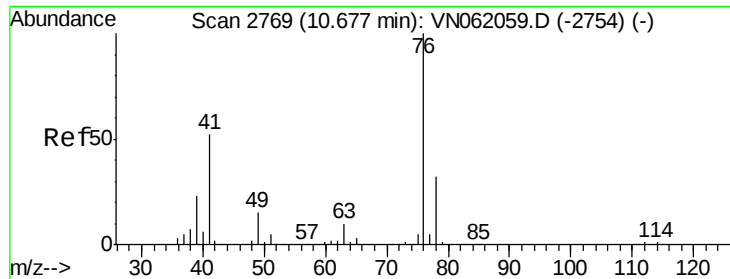
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 60367 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.4  | 68.2  | 102.2 |
| 85       | 53.7  | 43.2  | 64.8  |
| 99       | 60.8  | 48.5  | 72.7  |



#56  
 Ethyl methacrylate  
 Concen: 18.722 ug/l  
 RT: 10.40 min Scan# 2683  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 80182 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 56.6  | 46.6  | 70.0  |
| 39       | 38.0  | 31.0  | 46.4  |

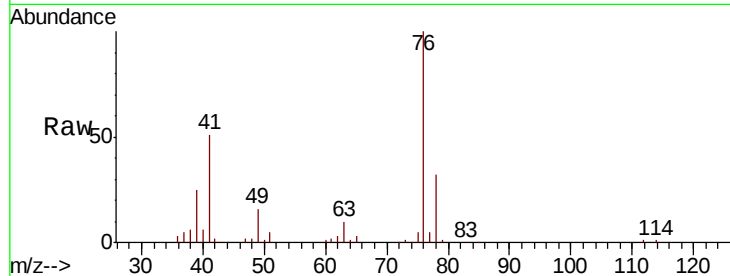




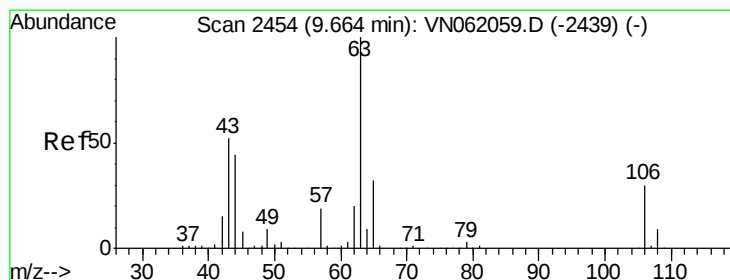
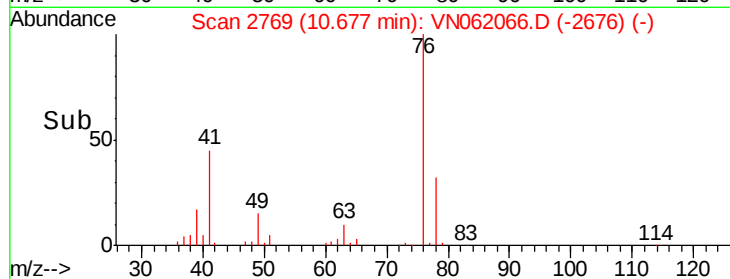
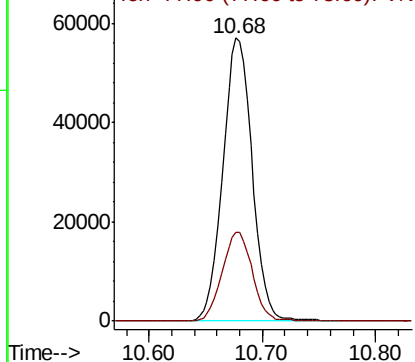
#57  
 1,3-Dichloropropane  
 Concen: 18.615 ug/l  
 RT: 10.68 min Scan# 2769  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0624WBSD01

Tot Ion: 76 Resp: 102828  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 25.8 38.8

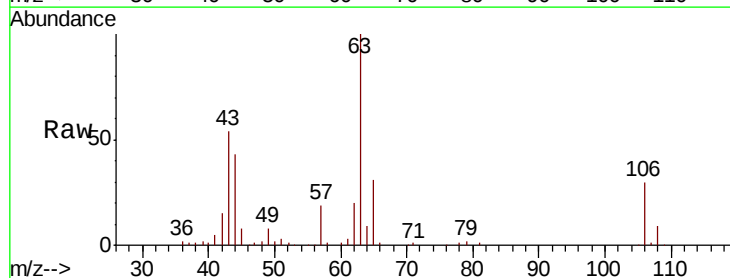


Abundance Ion 75.90 (75.60 to 76.60): VN0  
 Ion 77.90 (77.60 to 78.60): VN0

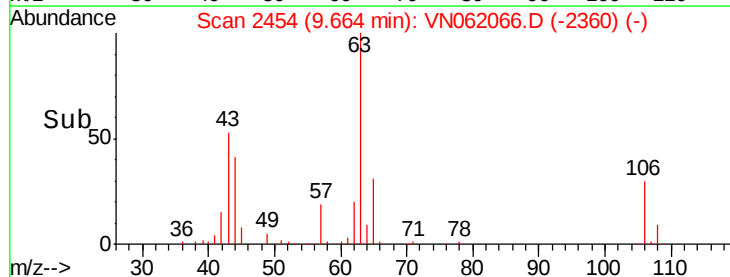
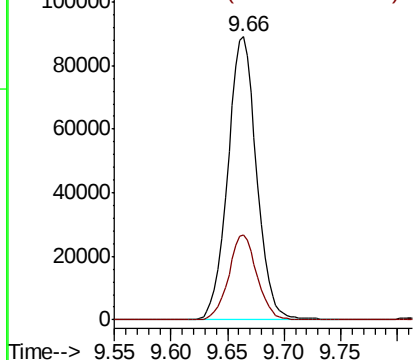


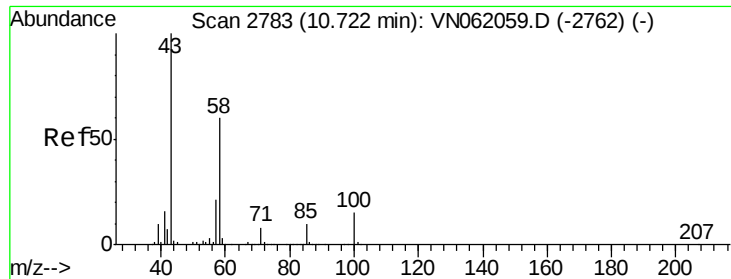
#58  
 2-Chloroethyl Vinyl ether  
 Concen: 96.974 ug/l  
 RT: 9.66 min Scan# 2454  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

Tgt Ion: 63 Resp: 157619  
 Ion Ratio Lower Upper  
 63 100  
 106 29.3 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VN0  
 Ion 105.90 (105.60 to 106.60): V

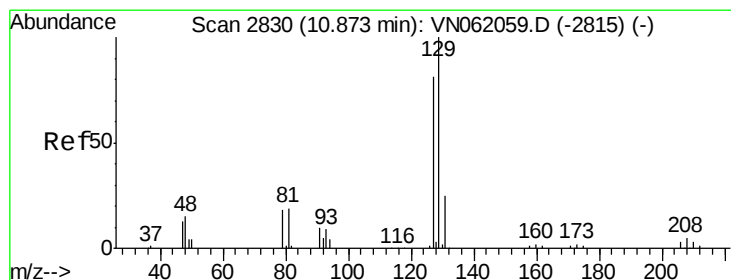
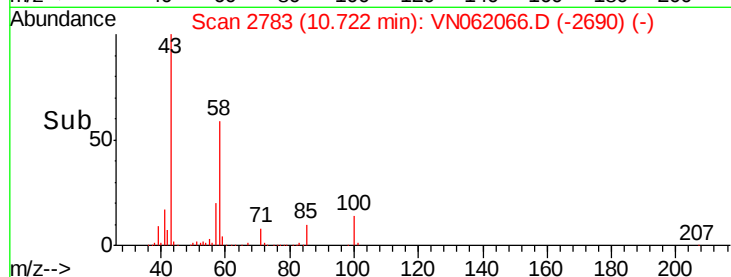
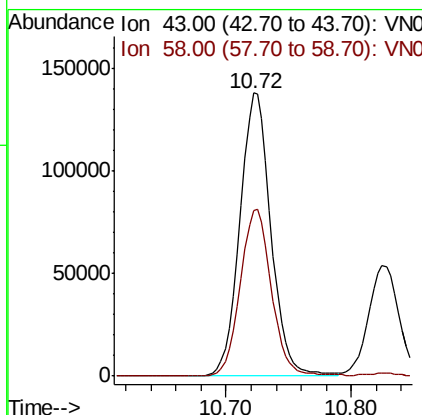
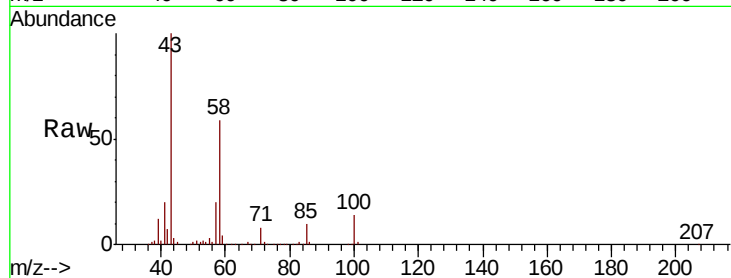




#59  
2-Hexanone  
Concen: 95.118 ug/l  
RT: 10.72 min Scan# 2783  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

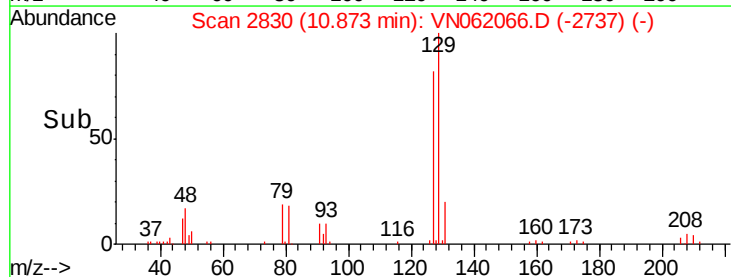
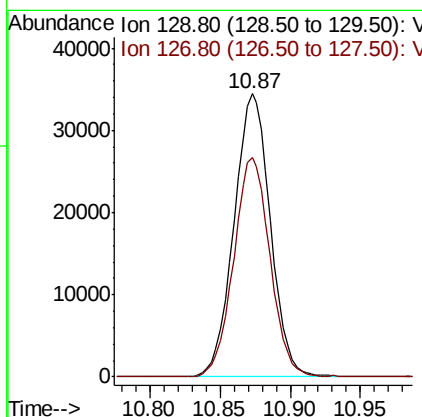
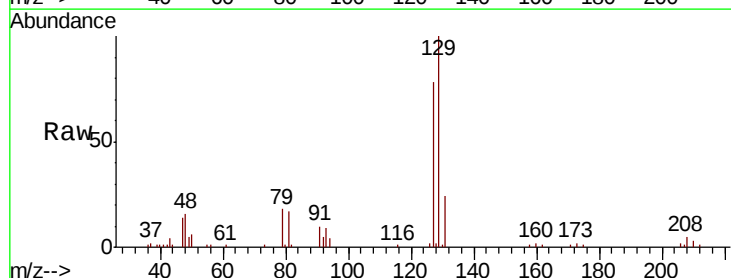
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0624WBSD01

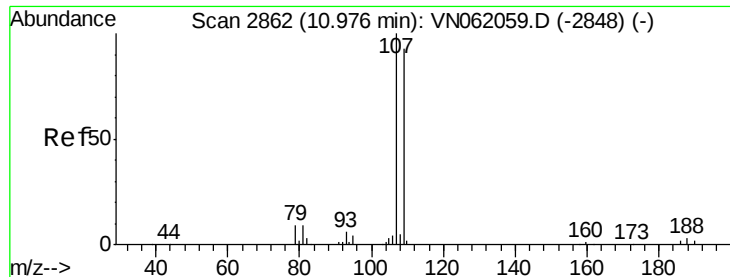
Tot Ion: 43 Resp: 237804  
Ion Ratio Lower Upper  
43 100  
58 59.3 29.5 88.5



#60  
Dibromochloromethane  
Concen: 18.289 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

Tgt Ion: 129 Resp: 62142  
Ion Ratio Lower Upper  
129 100  
127 77.2 39.5 118.5





#61

1,2-Dibromoethane

Concen: 18.181 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

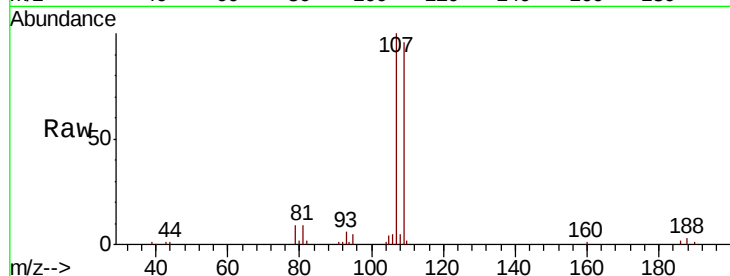
VN0624WBSD01

Tot Ion:107 Resp: 59954

Ion Ratio Lower Upper

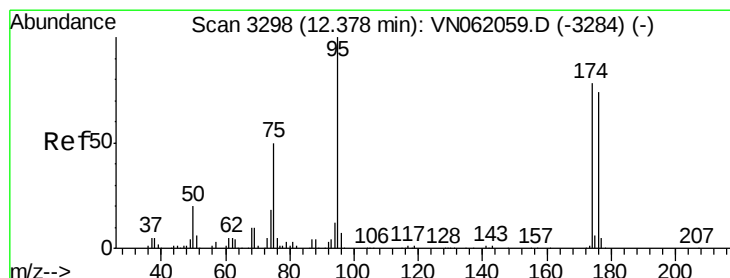
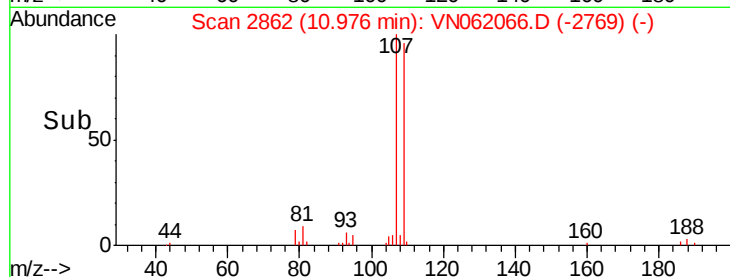
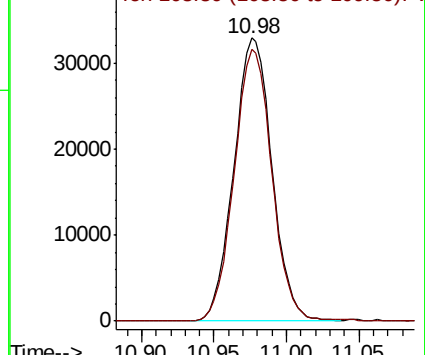
107 100

109 95.2 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.175 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

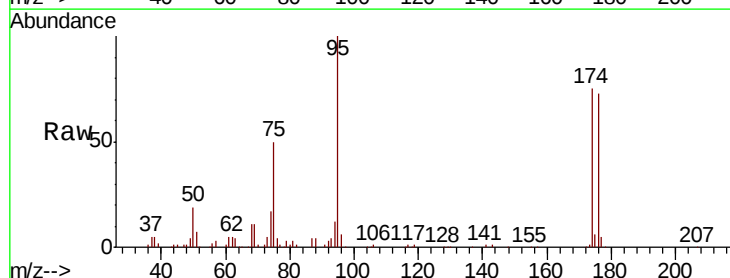
Tgt Ion: 95 Resp: 178515

Ion Ratio Lower Upper

95 100

174 75.8 0.0 154.8

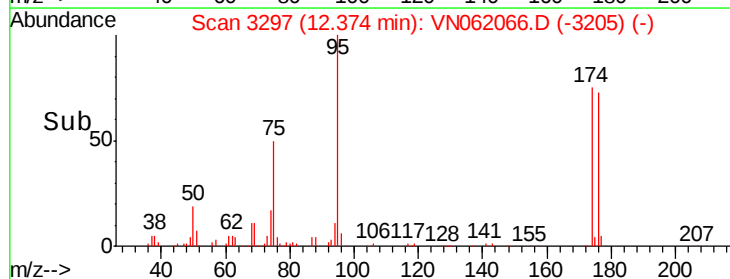
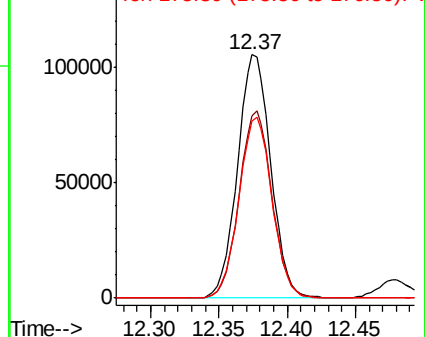
176 74.1 0.0 147.4

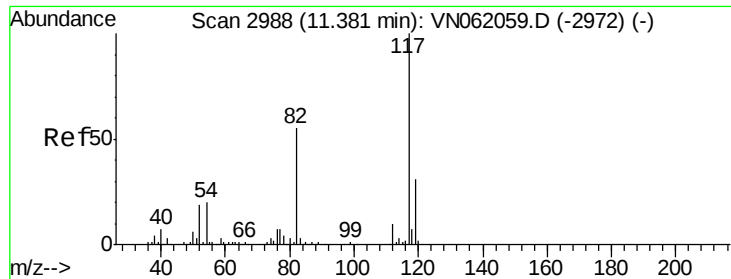


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

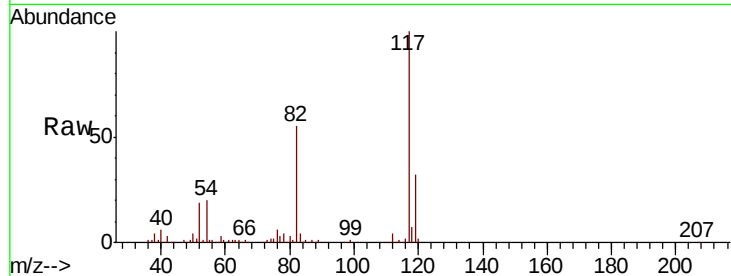




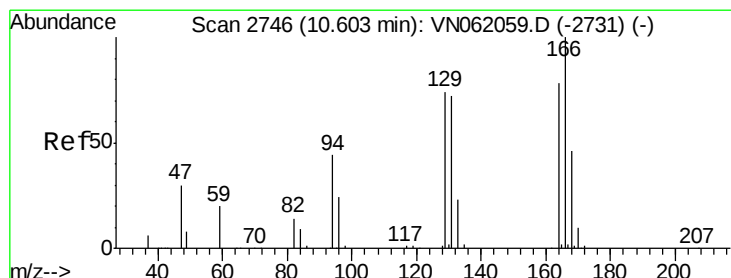
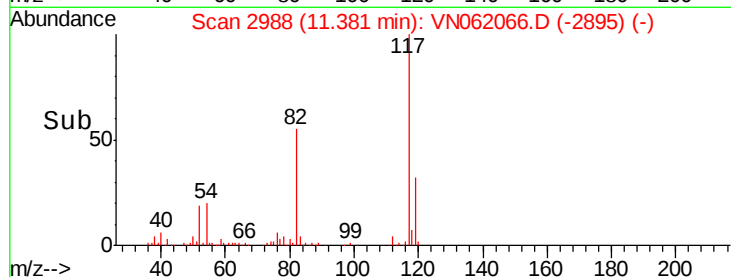
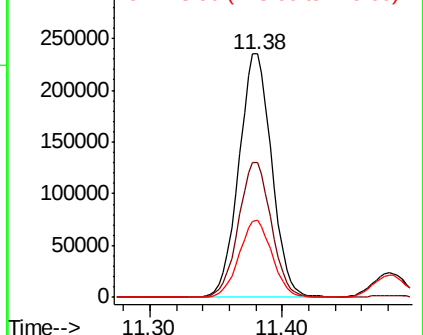
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0624WBSD01

Tot Ion:117 Resp: 404103  
Ion Ratio Lower Upper  
117 100  
82 55.2 43.8 65.8  
119 31.7 25.2 37.8

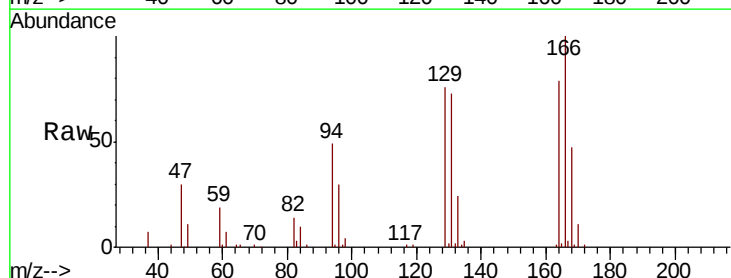


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

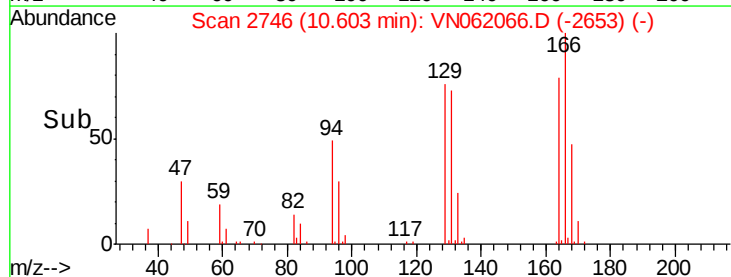
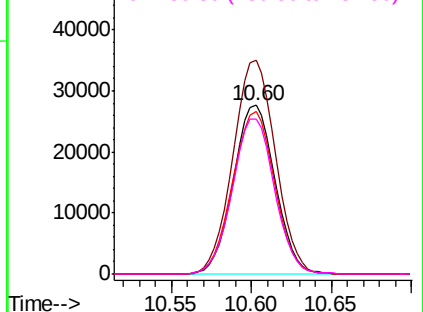


#64  
Tetrachloroethene  
Concen: 17.791 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

Tgt Ion:164 Resp: 49110  
Ion Ratio Lower Upper  
164 100  
166 126.8 102.9 154.3  
129 96.4 75.8 113.8  
131 92.0 73.8 110.6



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: 17.936 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

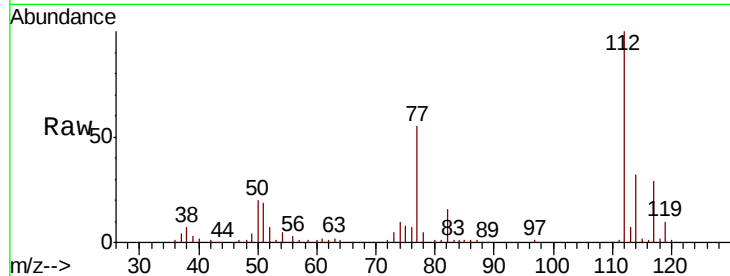
VN0624WBSD01

Tot Ion:112 Resp: 159170

Ion Ratio Lower Upper

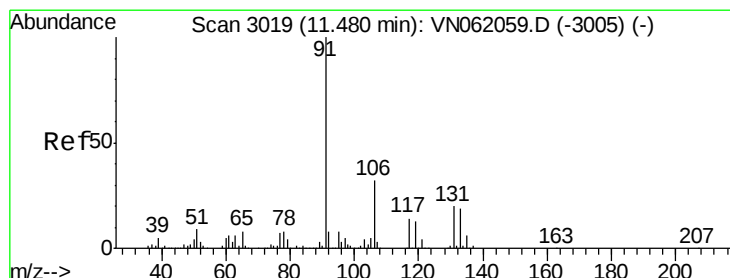
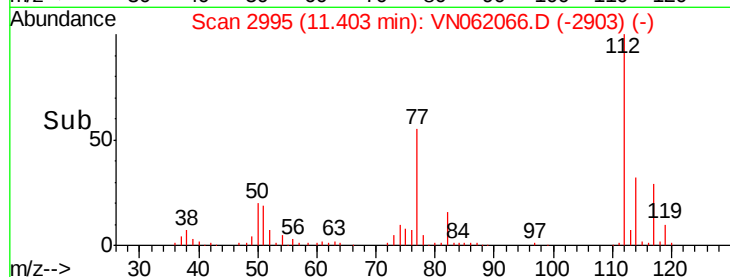
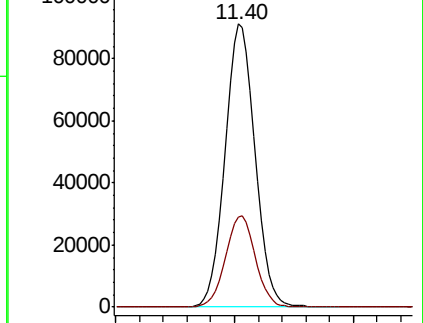
112 100

114 32.0 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.075 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

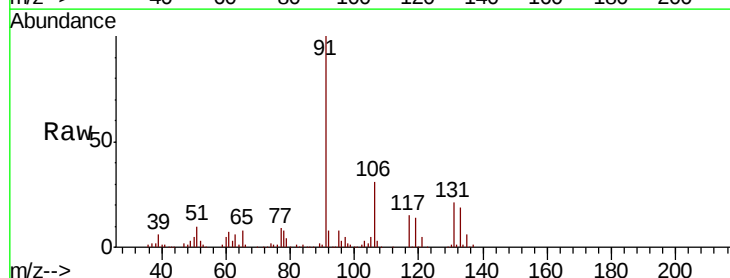
Tgt Ion:131 Resp: 55464

Ion Ratio Lower Upper

131 100

133 94.6 47.6 142.9

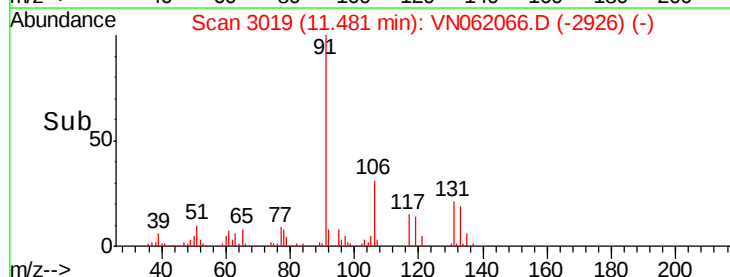
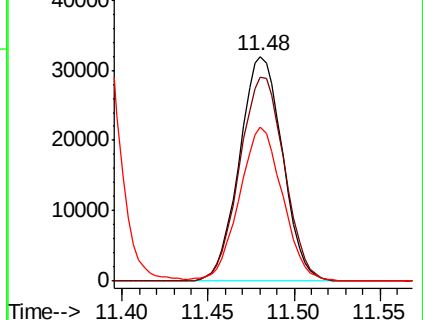
119 68.9 34.4 103.3

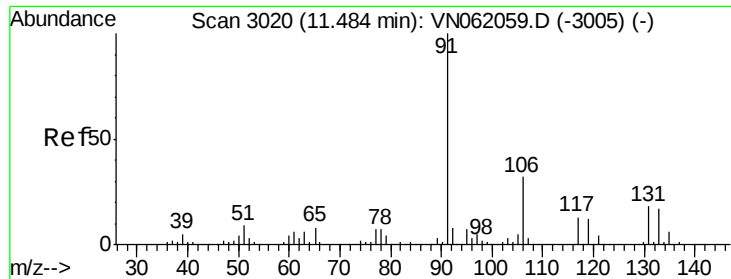


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

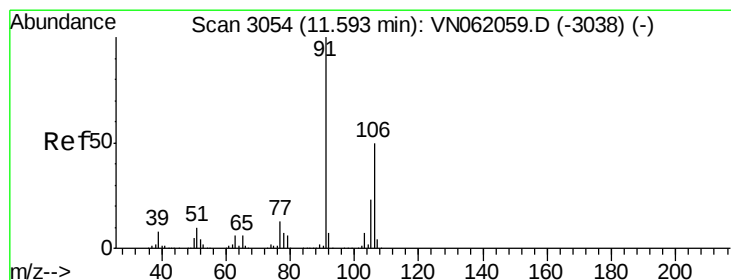
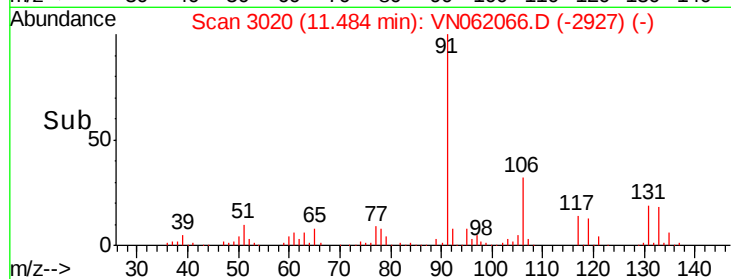
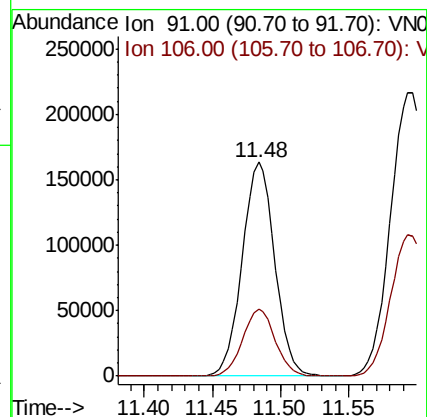
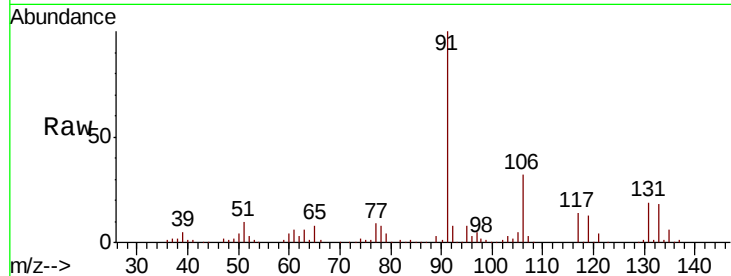




#67  
Ethyl Benzene  
Concen: 18.061 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

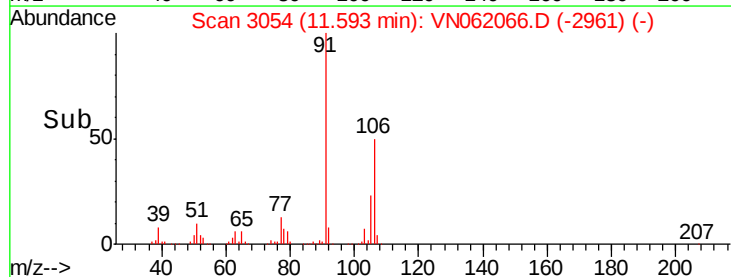
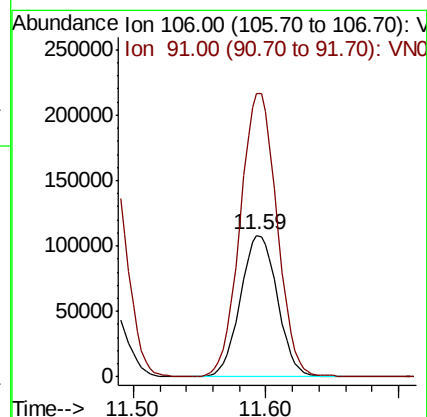
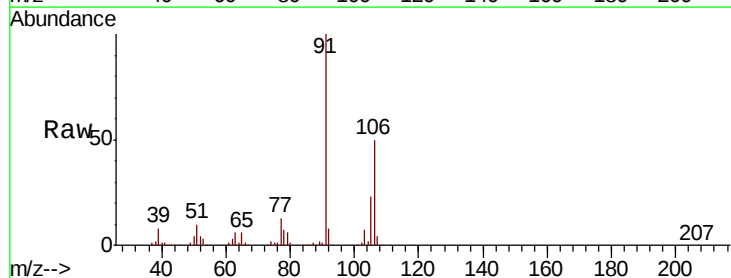
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0624WBSD01

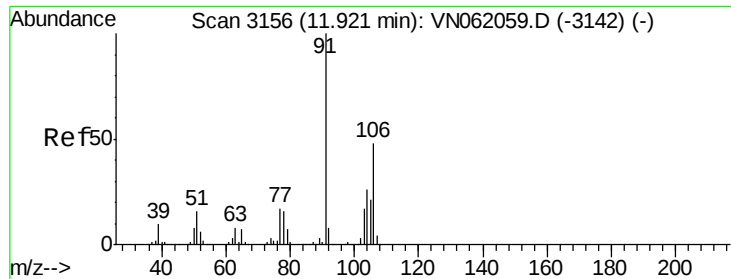
Tot Ion: 91 Resp: 270692  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.3 37.9



#68  
m/p-Xylenes  
Concen: 36.037 ug/l  
RT: 11.59 min Scan# 3054  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

Tgt Ion: 106 Resp: 208904  
Ion Ratio Lower Upper  
106 100  
91 199.6 157.8 236.8

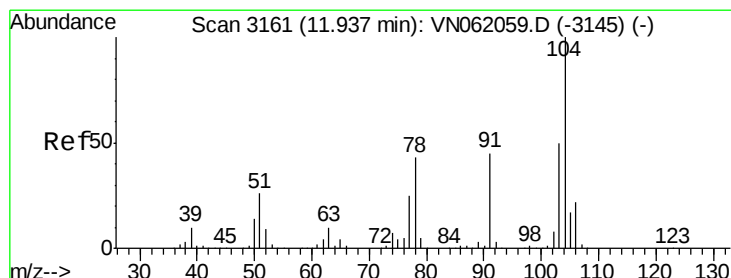
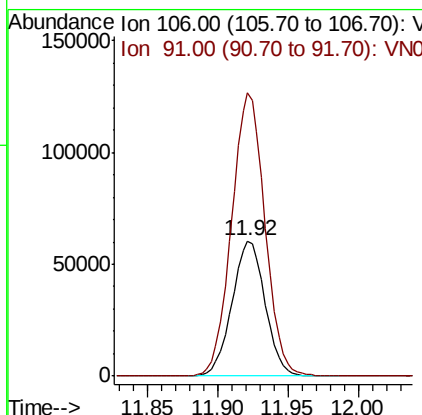
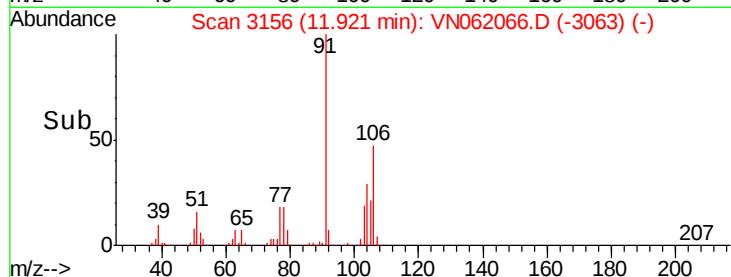
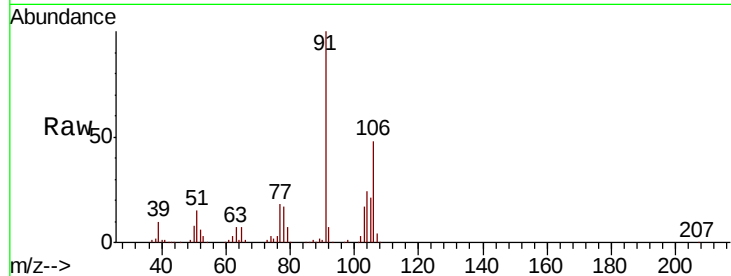




#69  
o-Xylene  
Concen: 18.144 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

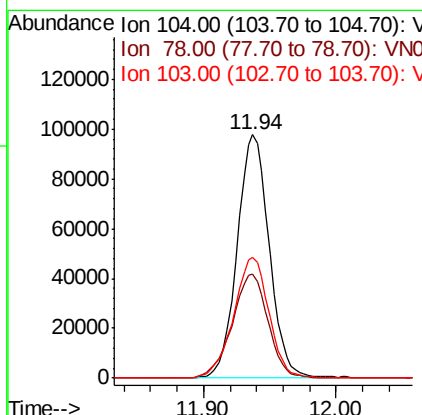
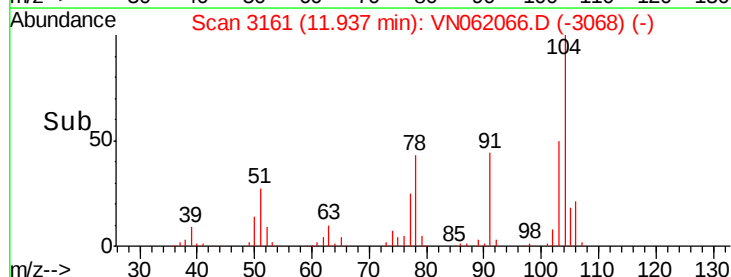
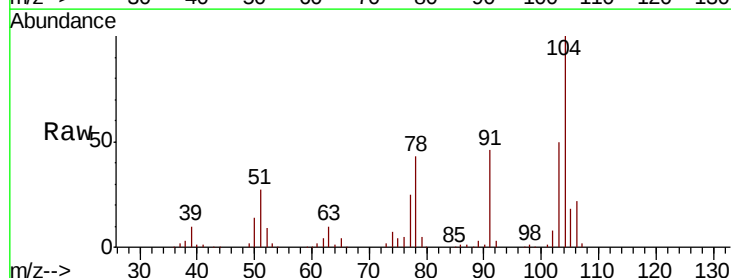
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0624WBSD01

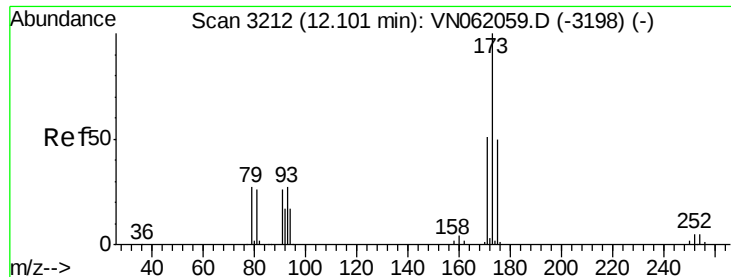
Tot Ion:106 Resp: 99235  
Ion Ratio Lower Upper  
106 100  
91 210.7 104.0 311.9



#70  
Styrene  
Concen: 18.017 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

Tgt Ion:104 Resp: 164343  
Ion Ratio Lower Upper  
104 100  
78 47.8 37.7 56.5  
103 54.6 43.0 64.6

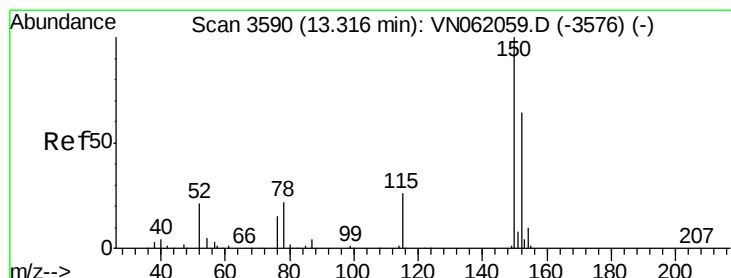
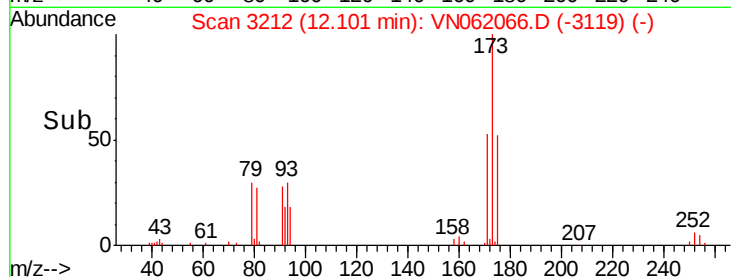
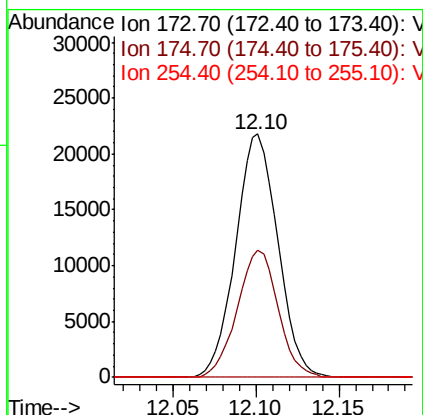
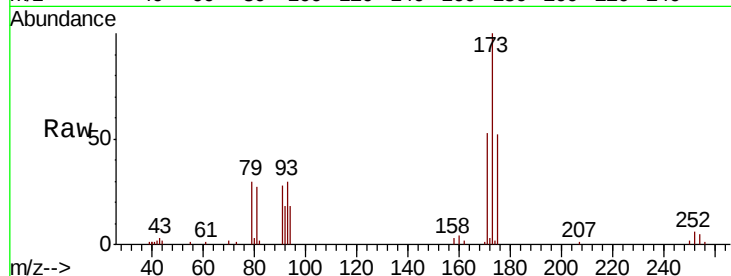




#71  
Bromoform  
Concen: 17.687 ug/l  
RT: 12.10 min Scan# 3212  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

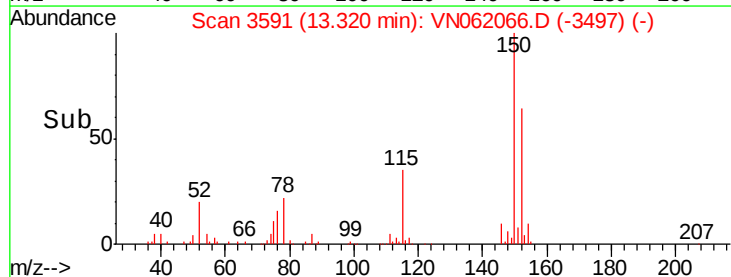
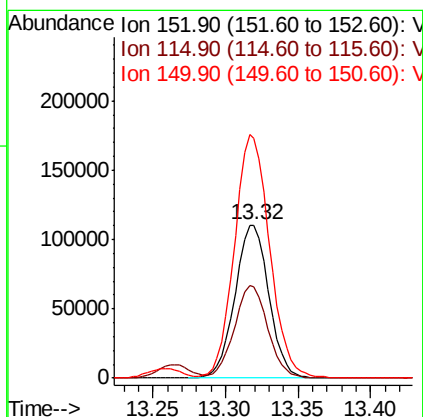
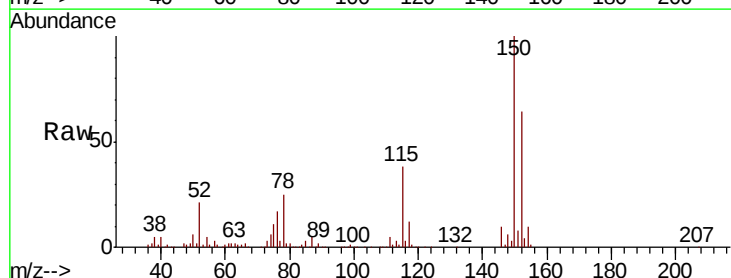
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0624WBSD01

Tot Ion:173 Resp: 38588  
Ion Ratio Lower Upper  
173 100  
175 50.4 24.7 74.1  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3591  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

Tgt Ion:152 Resp: 179554  
Ion Ratio Lower Upper  
152 100  
115 60.2 29.5 88.5  
150 164.9 0.0 351.4





#73

Isopropylbenzene

Concen: 18.816 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

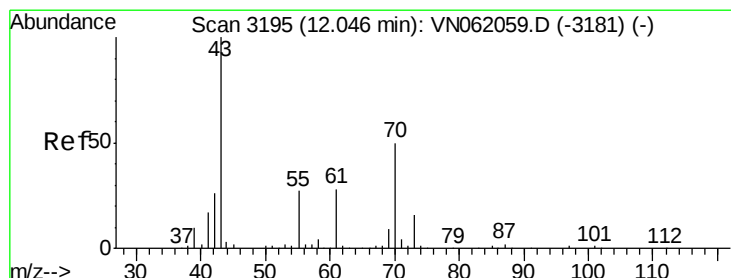
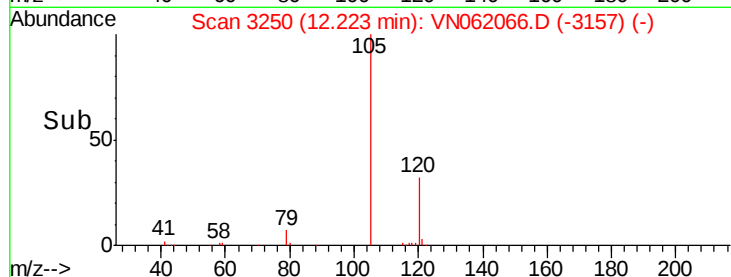
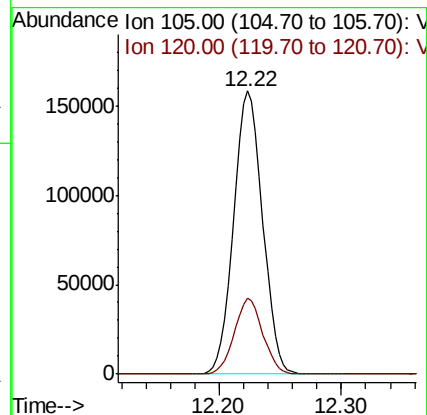
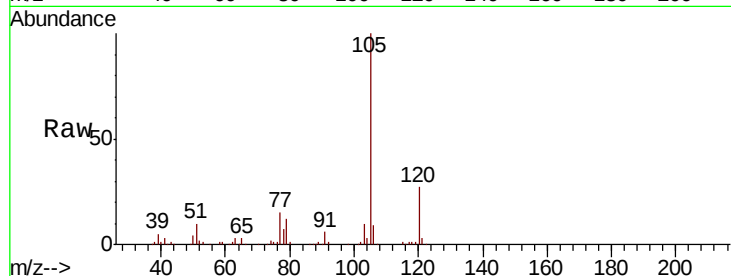
VN0624WBSD01

Tot Ion:105 Resp: 261526

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 18.777 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Tgt Ion: 43 Resp: 84625

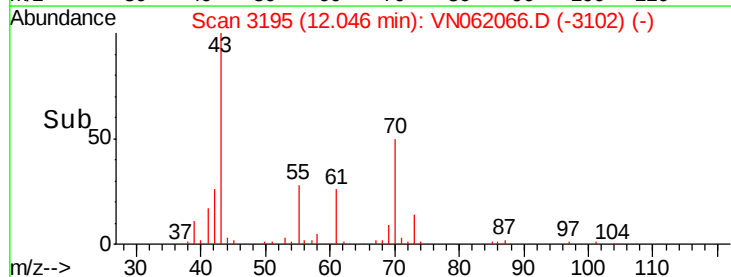
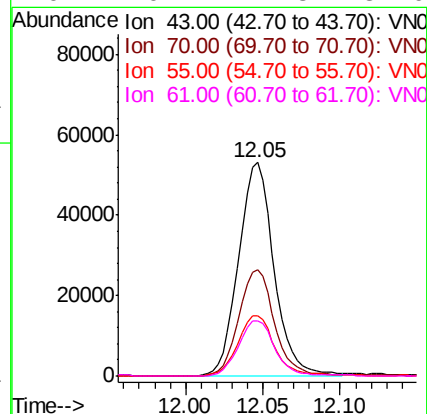
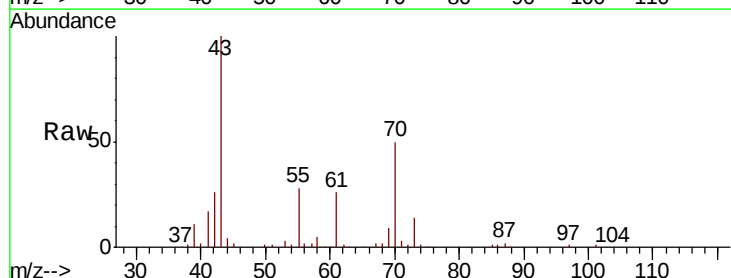
Ion Ratio Lower Upper

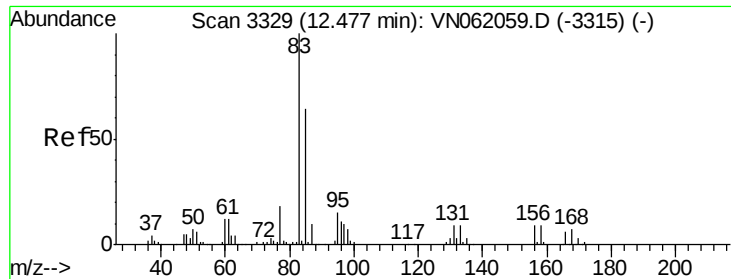
43 100

70 50.0 39.4 59.2

55 29.3 21.7 32.5

61 26.2 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.822 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0624WBSD01

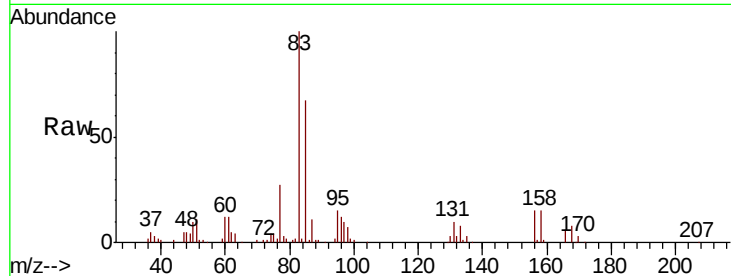
Tot Ion: 83 Resp: 87058

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.4

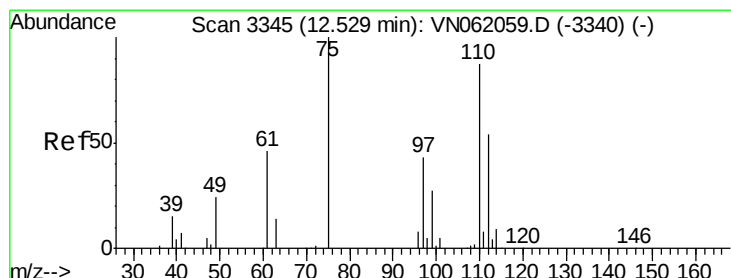
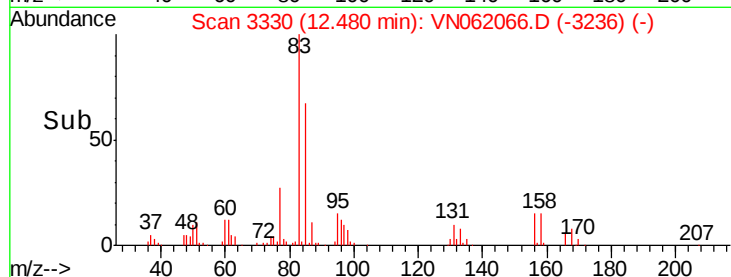
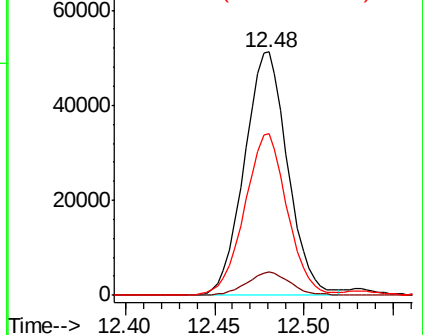
85 65.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062059.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN062059.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN062059.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 25.378 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062066.D

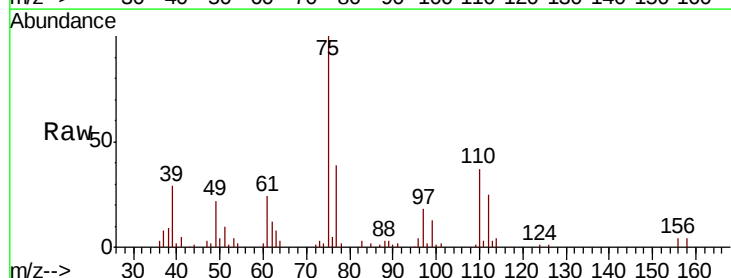
Acq: 24 Jun 2020 16:36

Tgt Ion: 75 Resp: 107267

Ion Ratio Lower Upper

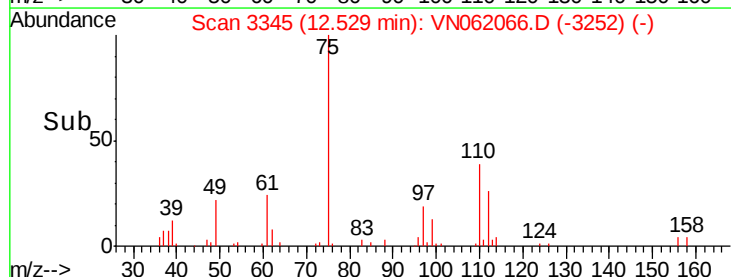
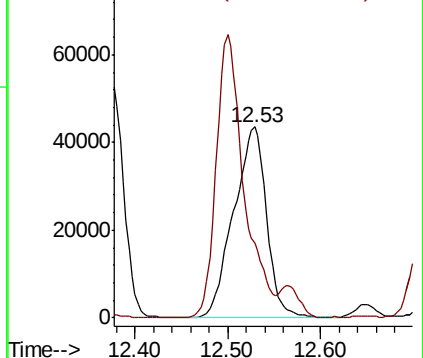
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN062059.D (-3340) (-)





#77

Bromobenzene

Concen: 18.291 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0624WBSD01

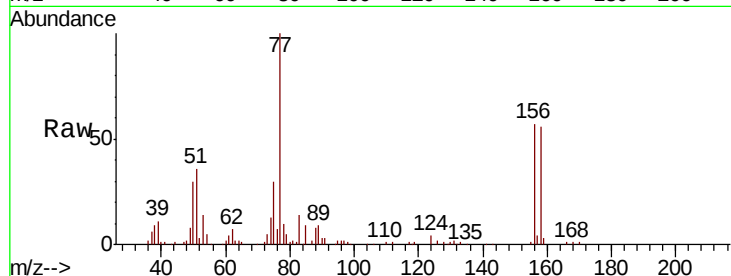
Tot Ion:156 Resp: 63116

Ion Ratio Lower Upper

156 100

77 213.2 104.6 313.8

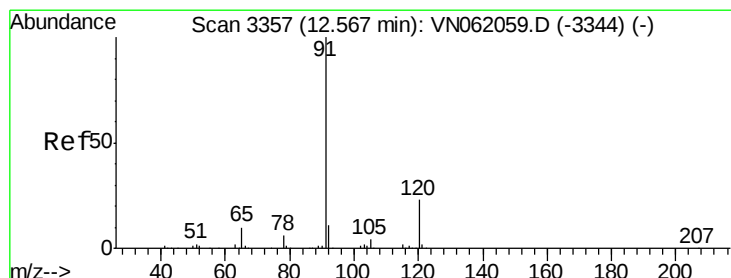
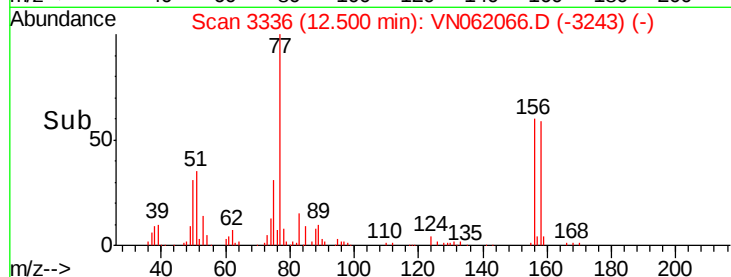
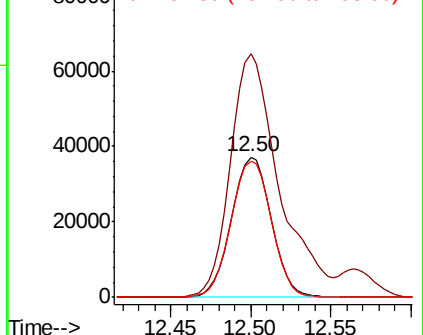
158 98.4 48.0 144.0



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: 18.555 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062066.D

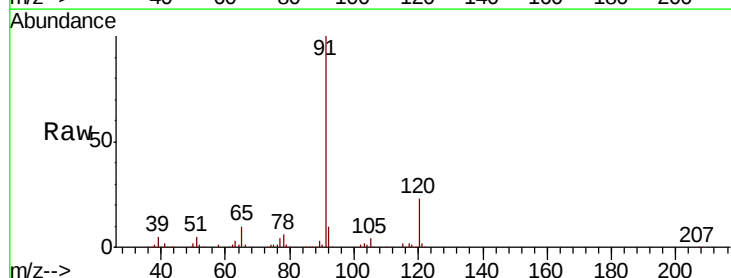
Acq: 24 Jun 2020 16:36

Tgt Ion: 91 Resp: 294992

Ion Ratio Lower Upper

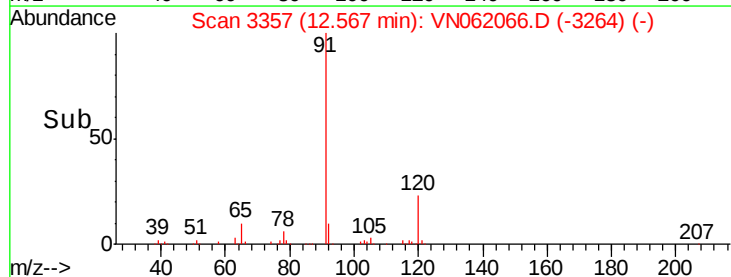
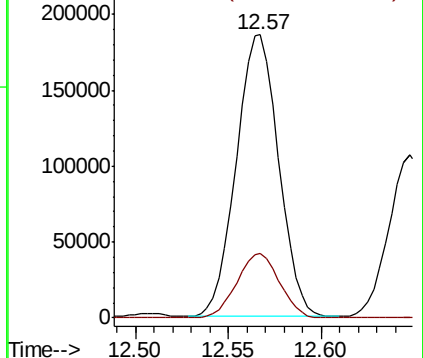
91 100

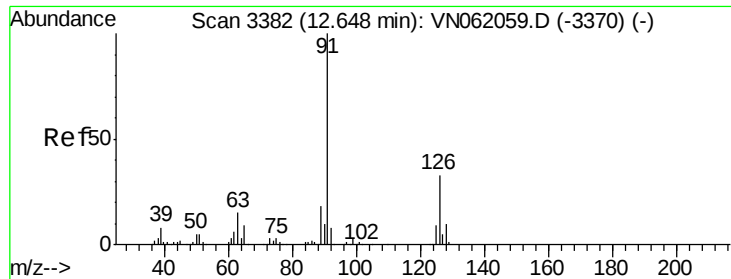
120 23.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

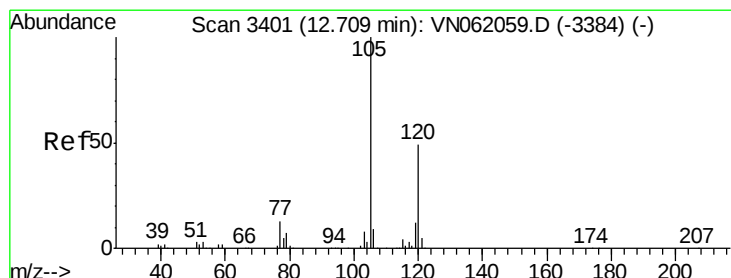
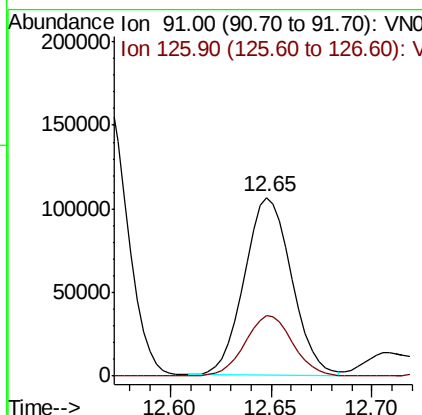
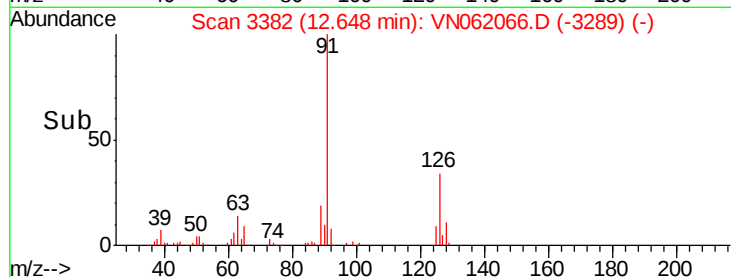
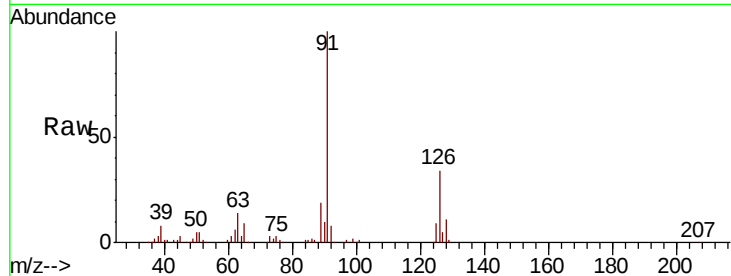




#79  
 2-Chlorotoluene  
 Concen: 18.103 ug/l  
 RT: 12.65 min Scan# 3382  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

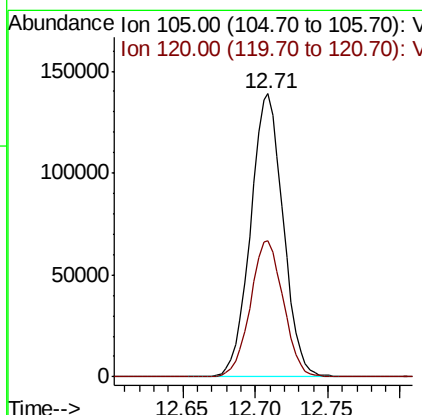
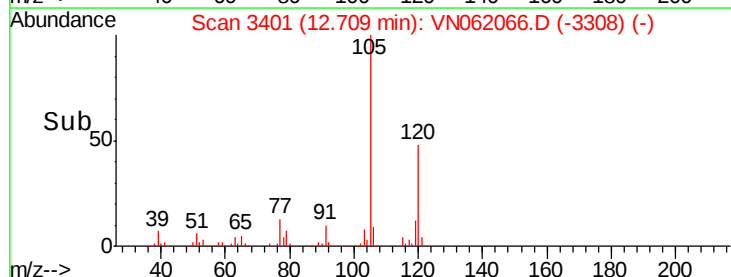
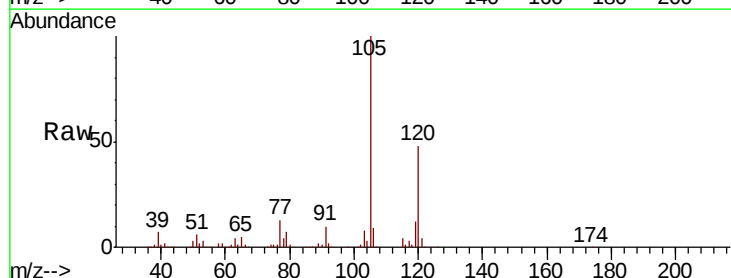
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0624WBSD01

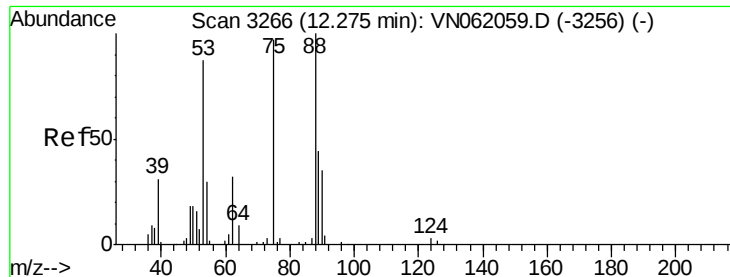
Tot Ion: 91 Resp: 173996  
 Ion Ratio Lower Upper  
 91 100  
 126 34.8 16.9 50.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.335 ug/l  
 RT: 12.71 min Scan# 3401  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

Tgt Ion: 105 Resp: 217850  
 Ion Ratio Lower Upper  
 105 100  
 120 48.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.091 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0624WBSD01

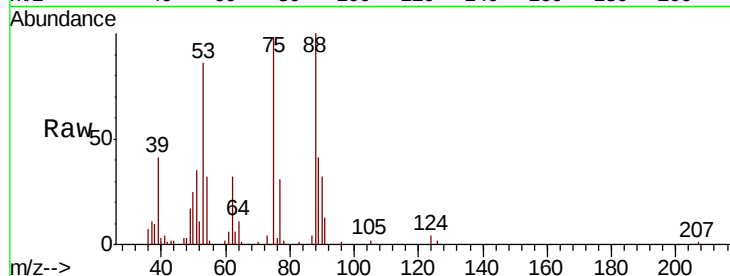
Tot Ion: 75 Resp: 27632

Ion Ratio Lower Upper

75 100

53 84.8 72.0 108.0

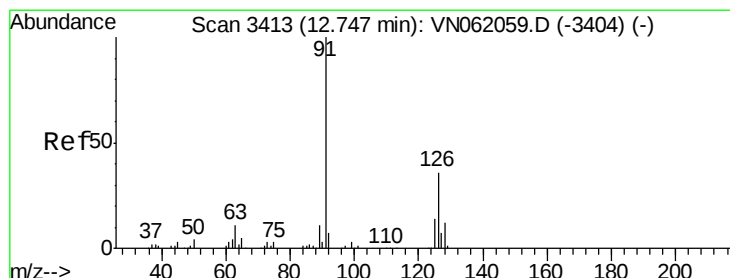
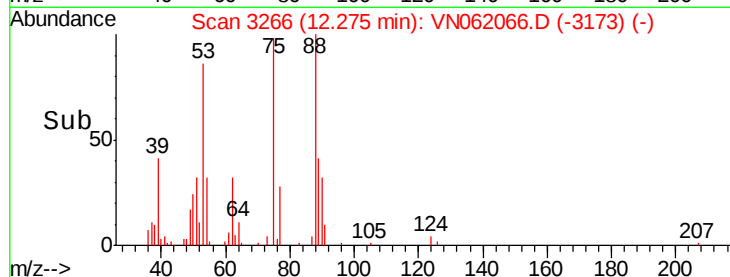
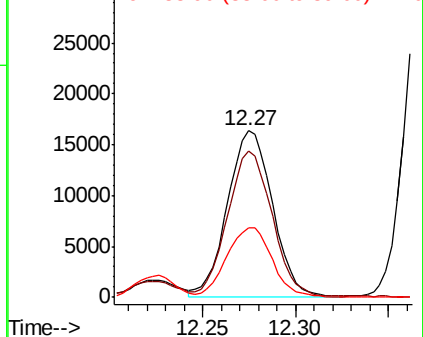
89 42.4 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062059.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN062059.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 18.574 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062066.D

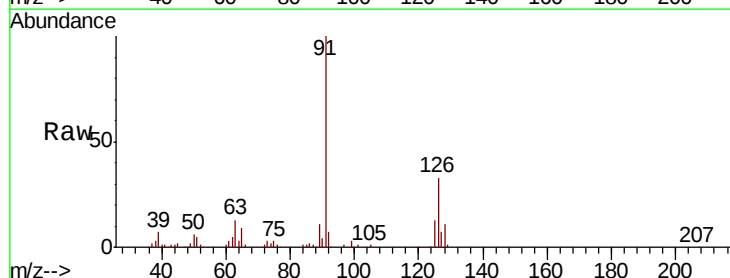
Acq: 24 Jun 2020 16:36

Tgt Ion: 91 Resp: 184608

Ion Ratio Lower Upper

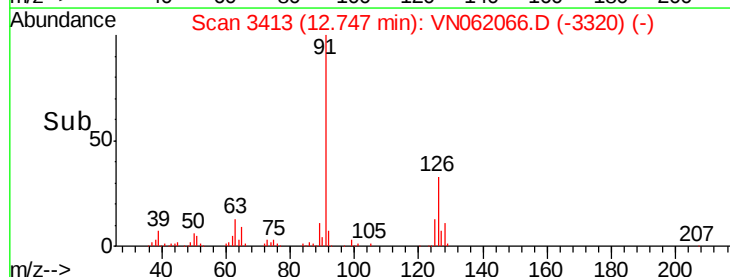
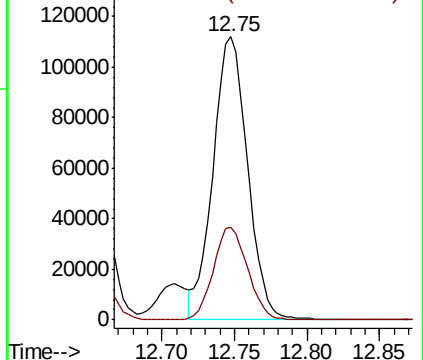
91 100

126 32.8 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3404) (-)

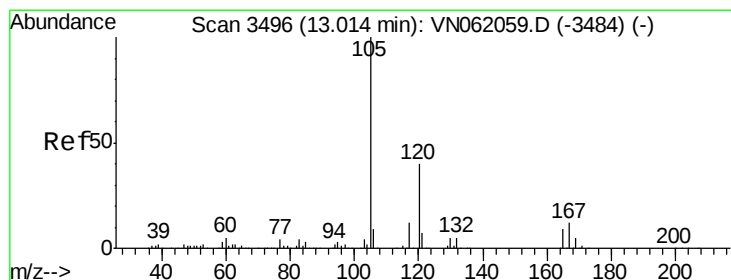
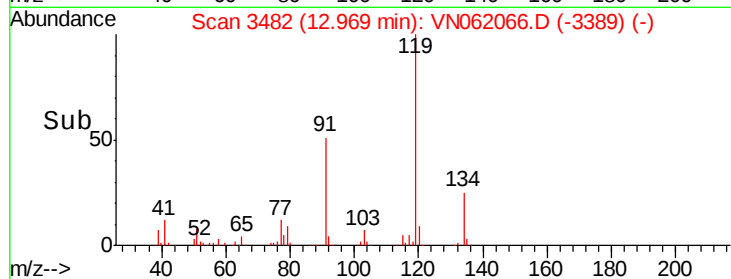
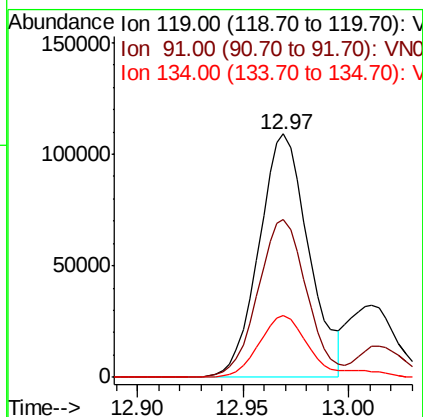
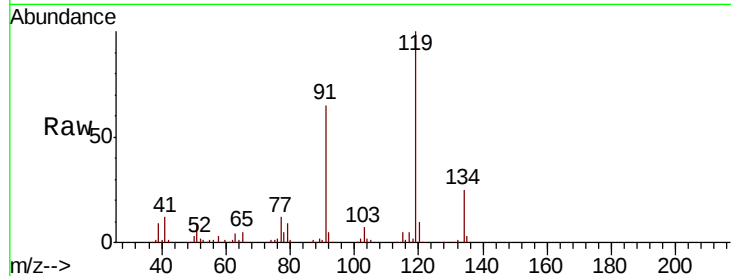




#83  
 tert-Butylbenzene  
 Concen: 18.553 ug/l  
 RT: 12.97 min Scan# 3482  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

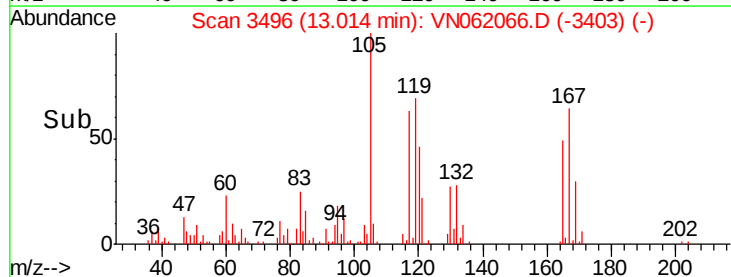
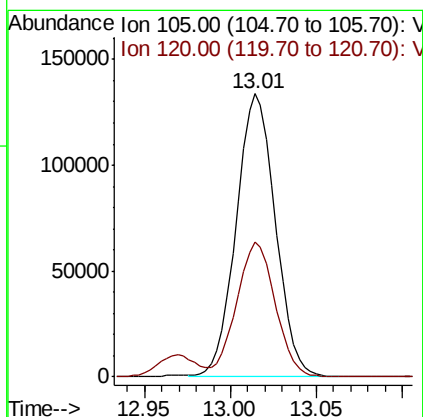
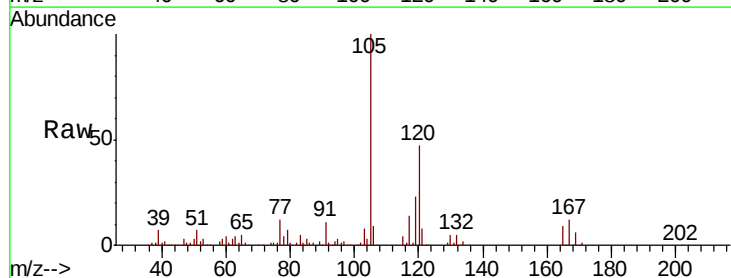
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0624WBSD01

Tot Ion:119 Resp: 178899  
 Ion Ratio Lower Upper  
 119 100  
 91 64.0 31.7 95.1  
 134 24.8 13.1 39.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 18.677 ug/l  
 RT: 13.01 min Scan# 3496  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

Tgt Ion:105 Resp: 210170  
 Ion Ratio Lower Upper  
 105 100  
 120 47.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 18.684 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

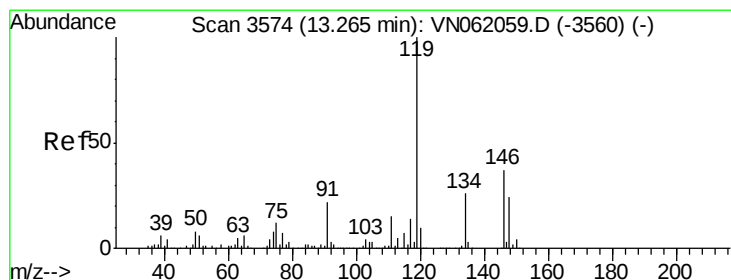
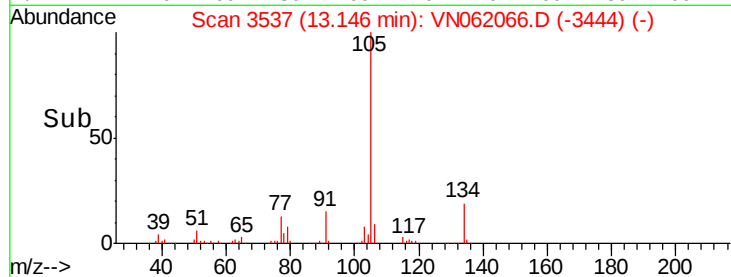
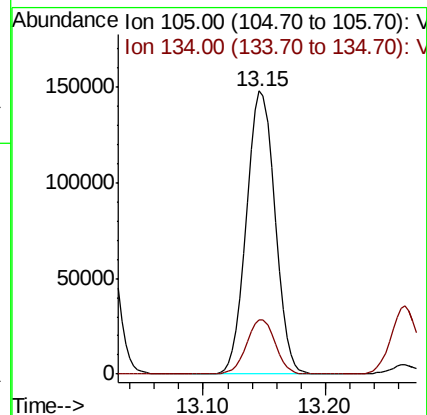
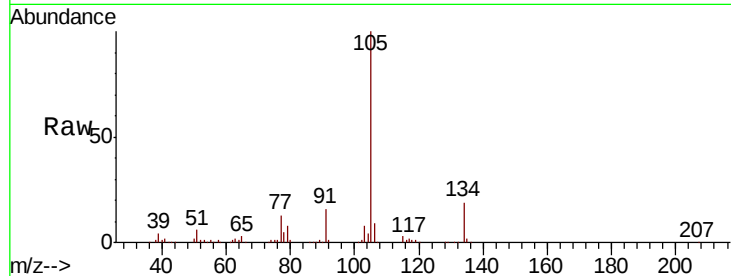
VN0624WBSD01

Tot Ion:105 Resp: 238061

Ion Ratio Lower Upper

105 100

134 19.2 9.7 29.1



#86

p-Isopropyltoluene

Concen: 18.732 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

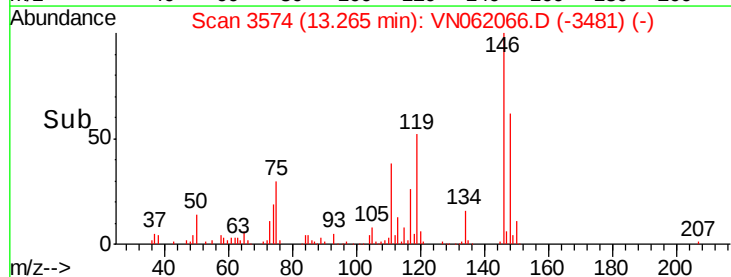
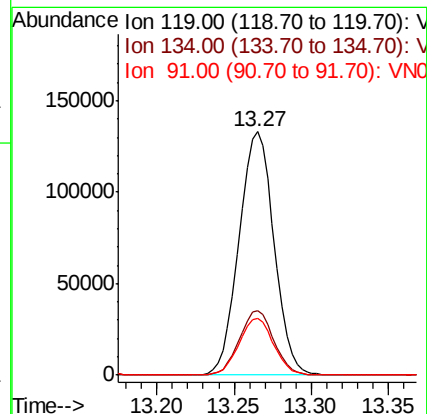
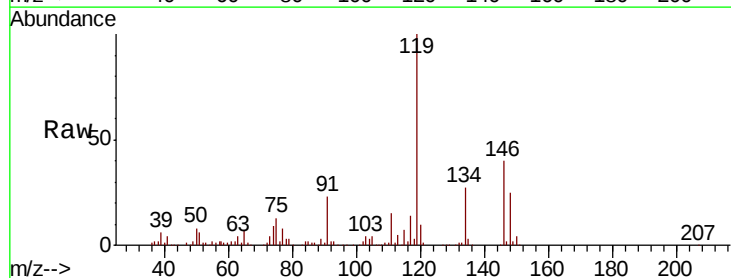
Tgt Ion:119 Resp: 209100

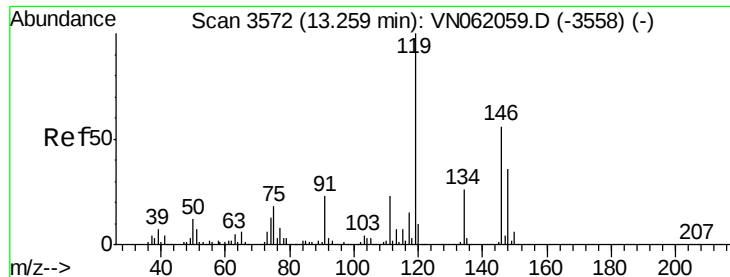
Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 23.2 11.3 33.8

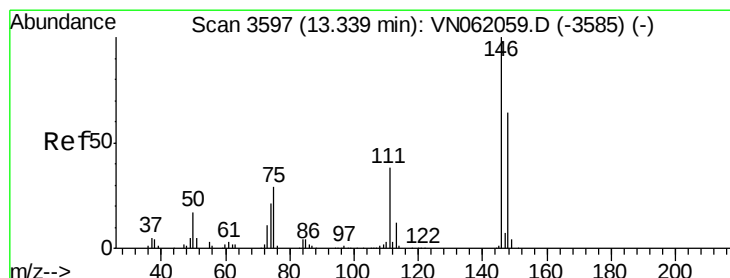
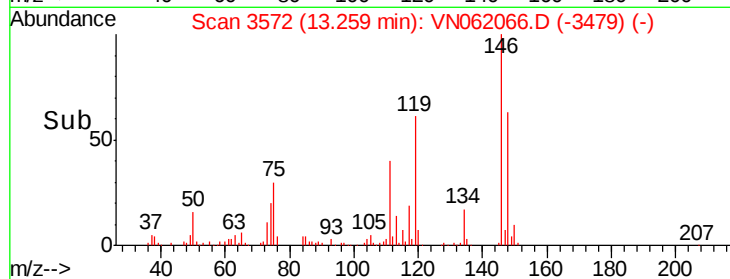
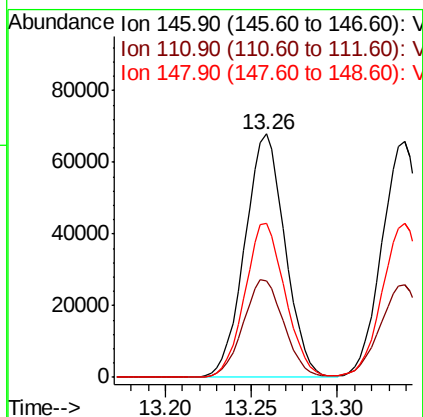
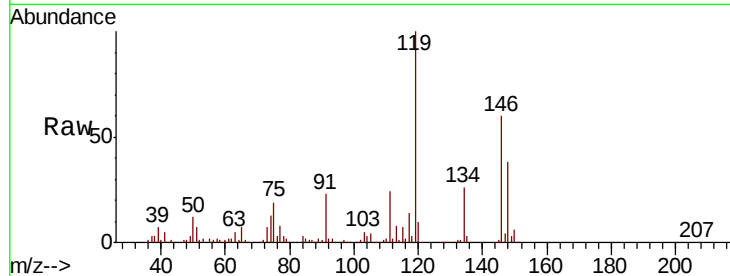




#87  
 1,3-Dichlorobenzene  
 Concen: 18.201 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

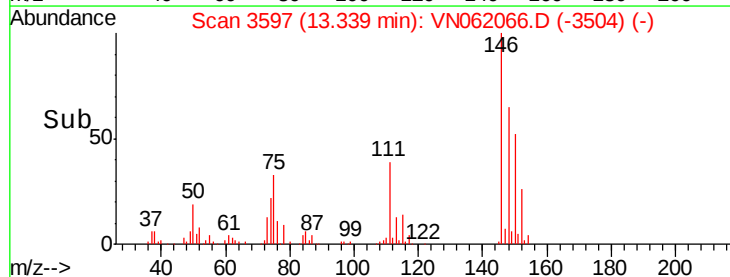
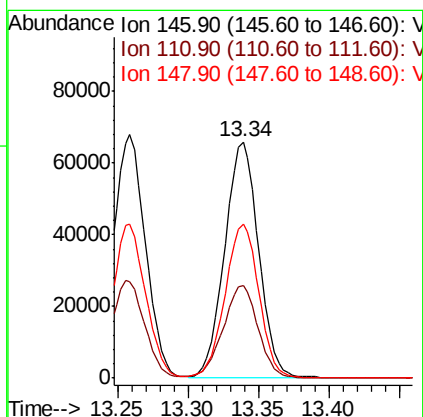
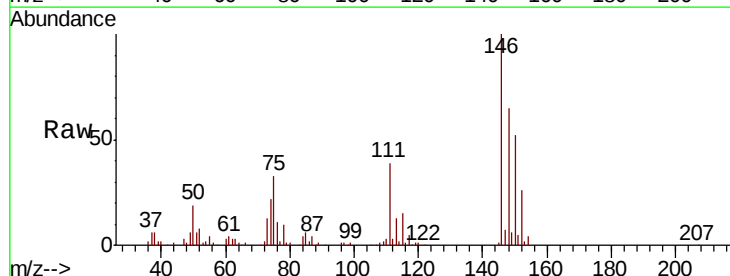
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0624WBSD01

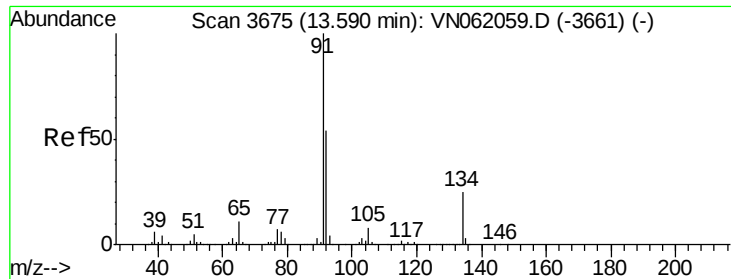
Tot Ion:146 Resp: 110284  
 Ion Ratio Lower Upper  
 146 100  
 111 40.6 20.3 61.0  
 148 63.4 31.8 95.3



#88  
 1,4-Dichlorobenzene  
 Concen: 17.638 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

Tgt Ion:146 Resp: 110169  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 19.9 59.6  
 148 65.6 31.9 95.9





#89

n-Butylbenzene

Concen: 18.069 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampled :

VN0624WBSD01

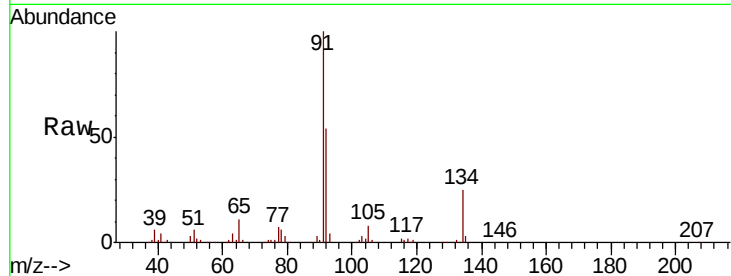
Tot Ion: 91 Resp: 167697

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

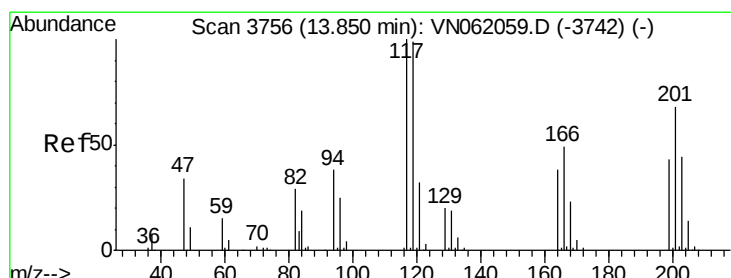
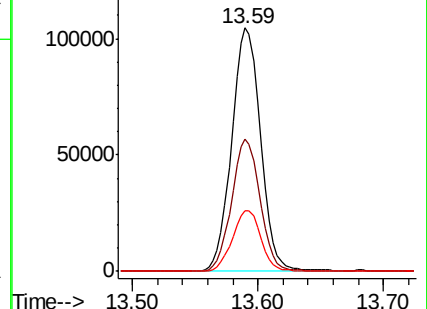
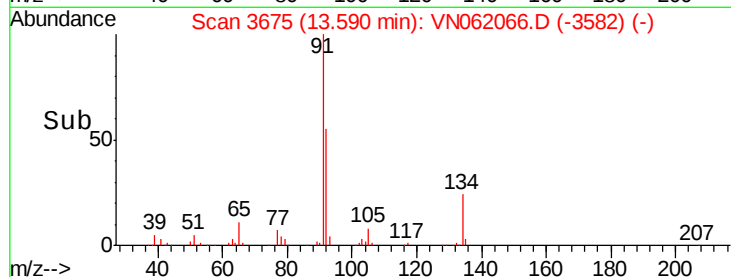
134 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062059.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062059.D (-3661) (-)



#90

Hexachloroethane

Concen: 17.802 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062066.D

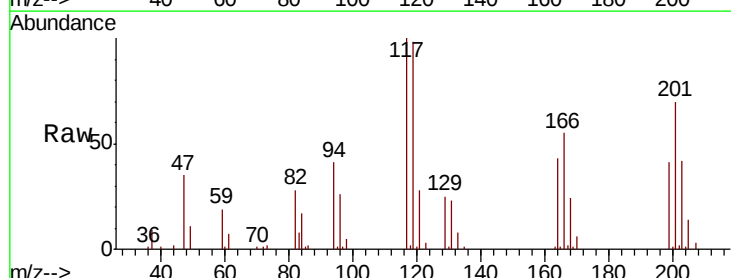
Acq: 24 Jun 2020 16:36

Tgt Ion: 117 Resp: 38989

Ion Ratio Lower Upper

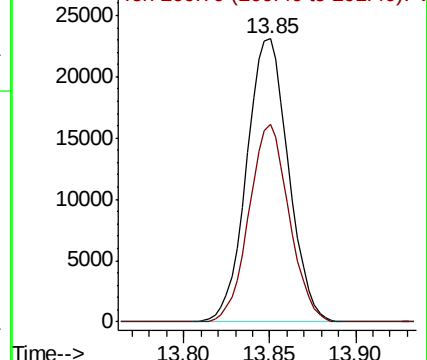
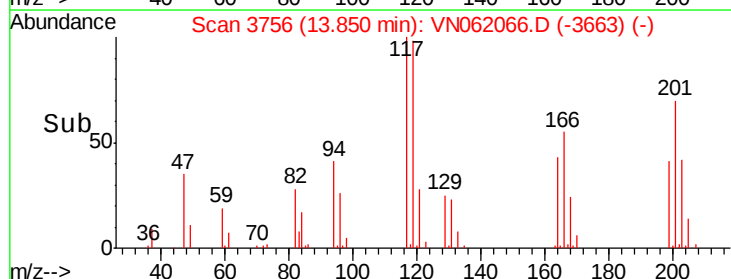
117 100

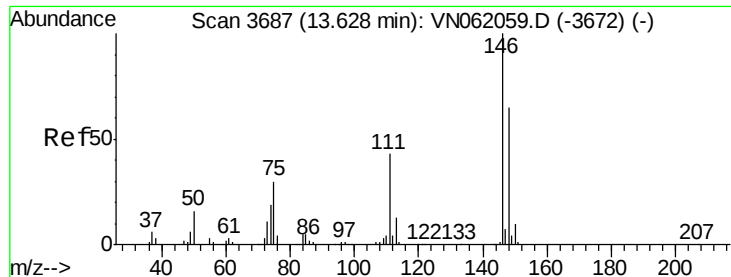
201 66.9 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062059.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062059.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 18.084 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0624WBSD01

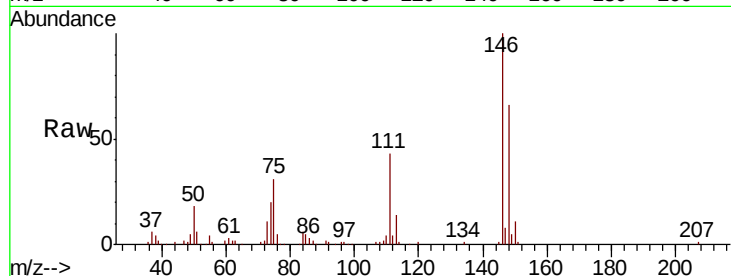
Tot Ion:146 Resp: 106255

Ion Ratio Lower Upper

146 100

111 42.8 21.2 63.6

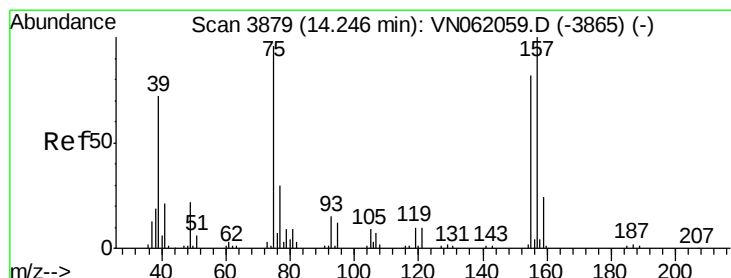
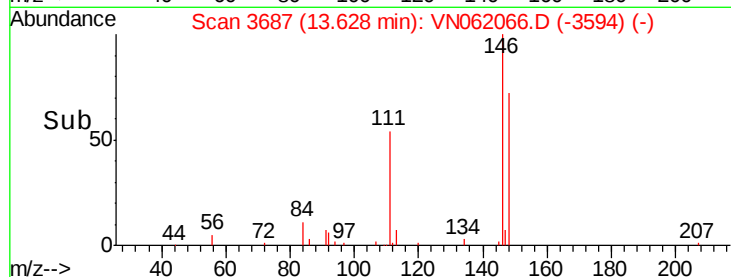
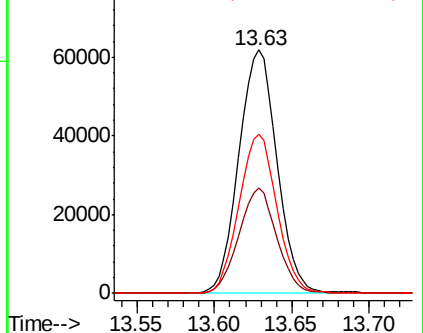
148 64.9 31.9 95.5



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: 19.006 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

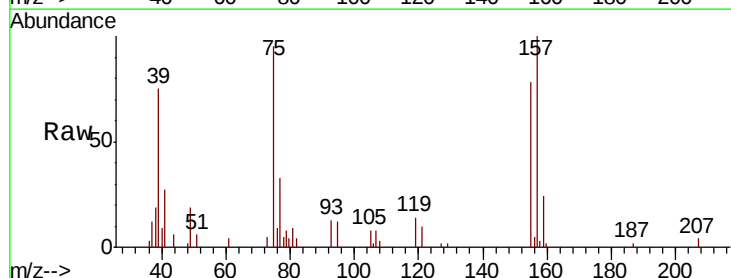
Tgt Ion: 75 Resp: 14082

Ion Ratio Lower Upper

75 100

155 80.5 40.8 122.4

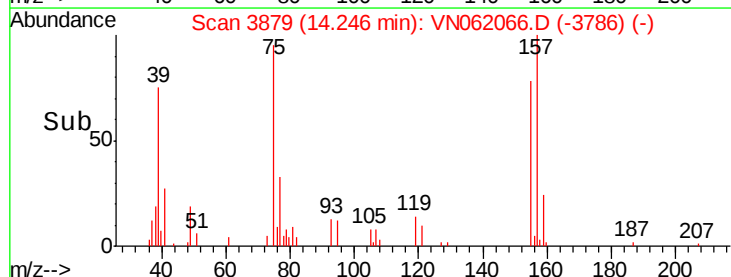
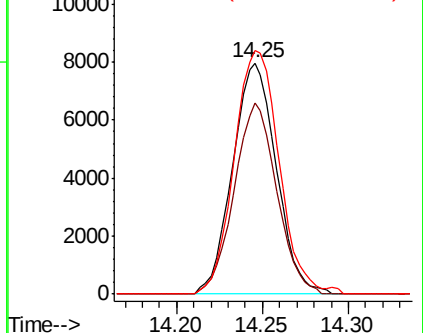
157 108.7 51.4 154.3

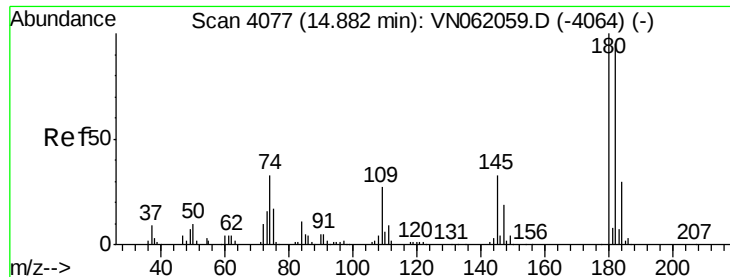


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

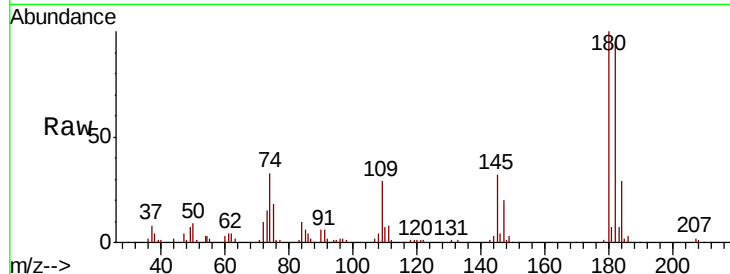




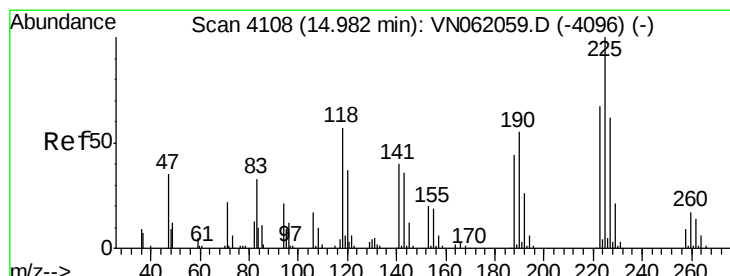
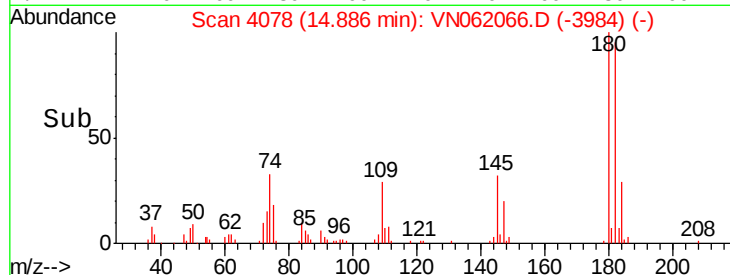
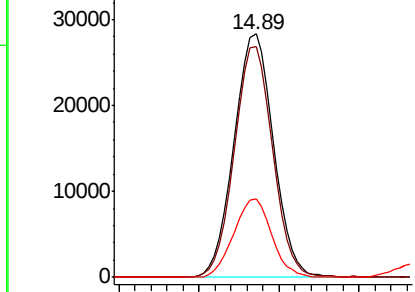
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.526 ug/l  
 RT: 14.89 min Scan# 4078  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0624WBSD01

Tot Ion:180 Resp: 47554  
 Ion Ratio Lower Upper  
 180 100  
 182 92.1 48.0 144.2  
 145 30.9 16.0 48.0

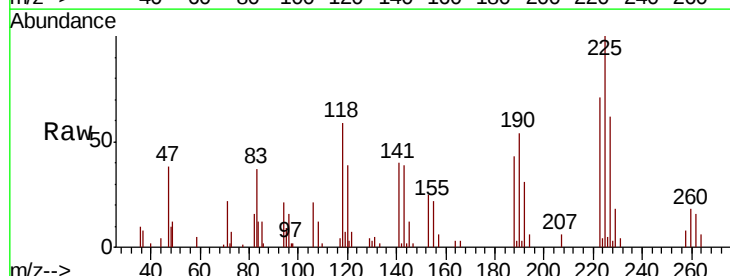


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

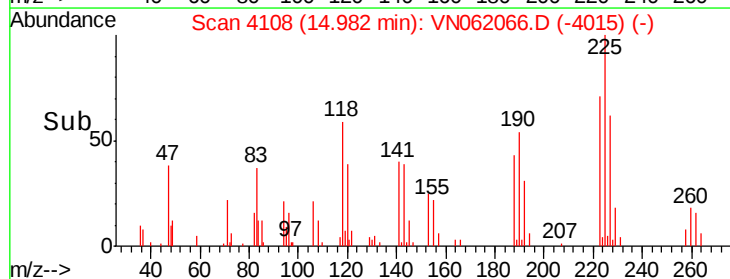
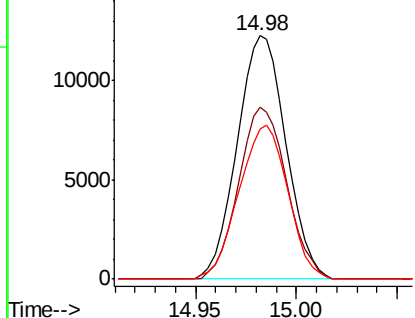


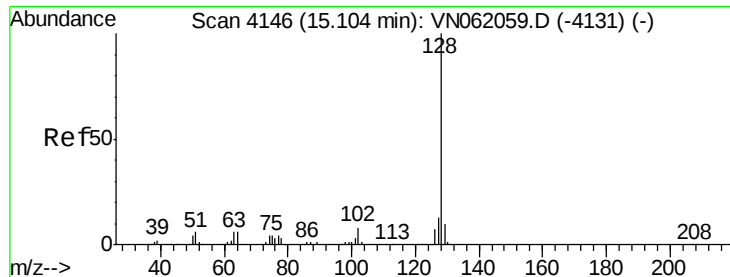
#94  
 Hexachlorobutadiene  
 Concen: 18.629 ug/l  
 RT: 14.98 min Scan# 4108  
 Delta R.T. 0.00 min  
 Lab File: VN062066.D  
 Acq: 24 Jun 2020 16:36

Tgt Ion:225 Resp: 20769  
 Ion Ratio Lower Upper  
 225 100  
 223 69.6 32.9 98.7  
 227 63.4 31.3 93.8



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

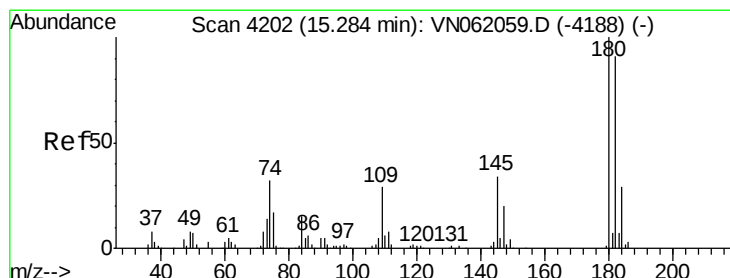
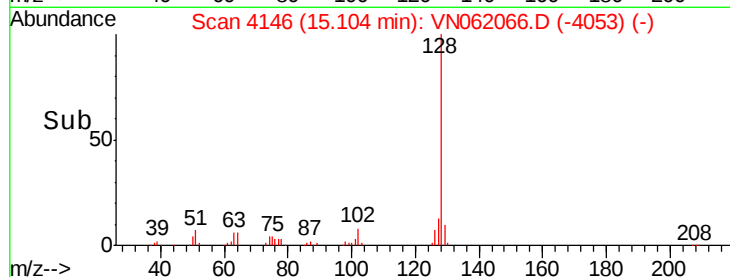
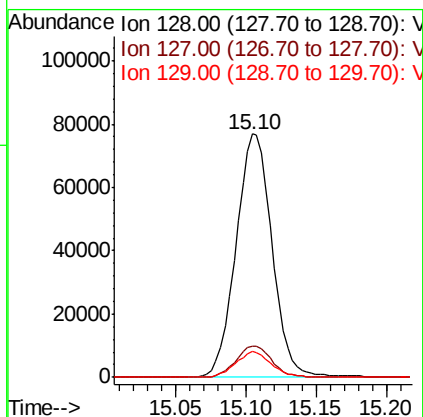
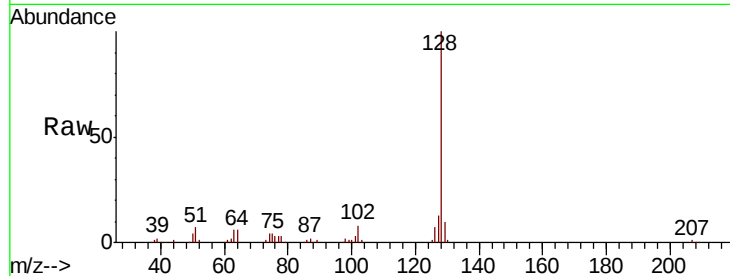




#95  
Naphthalene  
Concen: 18.787 ug/l  
RT: 15.10 min Scan# 4146  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0624WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.7  | 10.5  | 15.7  |
| 129     | 10.5  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 18.454 ug/l  
RT: 15.28 min Scan# 4202  
Delta R.T. 0.00 min  
Lab File: VN062066.D  
Acq: 24 Jun 2020 16:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.7  | 46.8  | 140.4 |
| 145     | 33.4  | 16.4  | 49.2  |

