

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\  
 Data File : VN062131.D  
 Acq On : 26 Jun 2020 11:42  
 Operator : JC/MD  
 Sample : VN0626WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0626WBS01

Quant Time: Jun 27 03:39:12 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      | 7.63  | 168  | 246404   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 430521   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 390605   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 175621   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 161977   | 46.84 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.68% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 135624   | 49.10 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.20% |          |
| 50) Toluene-d8              | 10.06 | 98   | 519028   | 47.01 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.02% |          |
| 62) 4-Bromofluorobenzene    | 12.37 | 95   | 171020   | 45.85 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.70% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 50388    | 18.092 | ug/l   | 97     |
| 3) Chloromethane              | 2.03 | 50   | 63622    | 18.562 | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.16 | 62   | 78033    | 17.791 | ug/l   | 96     |
| 5) Bromomethane               | 2.53 | 94   | 55060    | 19.423 | ug/l   | 99     |
| 6) Chloroethane               | 2.67 | 64   | 54586    | 18.218 | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 2.98 | 101  | 100319   | 18.562 | ug/l   | 99     |
| 8) Diethyl Ether              | 3.38 | 74   | 36809    | 19.505 | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101  | 53270    | 18.822 | ug/l   | 96     |
| 10) Methyl Iodide             | 3.91 | 142  | 63630    | 19.963 | ug/l   | 98     |
| 11) Tert butyl alcohol        | 4.73 | 59   | 46443    | 93.546 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 3.70 | 96   | 54051    | 19.104 | ug/l   | 98     |
| 13) Acrolein                  | 3.57 | 56   | 32125    | 66.090 | ug/l   | 100    |
| 14) Allyl chloride            | 4.27 | 41   | 72274    | 18.762 | ug/l   | 99     |
| 15) Acrylonitrile             | 4.93 | 53   | 126312   | 93.363 | ug/l   | 98     |
| 16) Acetone                   | 3.78 | 43   | 104064   | 93.340 | ug/l   | 97     |
| 17) Carbon Disulfide          | 4.01 | 76   | 142166   | 17.576 | ug/l   | 99     |
| 18) Methyl Acetate            | 4.28 | 43   | 50211    | 18.267 | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73   | 176710   | 19.546 | ug/l   | 99     |
| 20) Methylene Chloride        | 4.50 | 84   | 62164    | 19.451 | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96   | 59221    | 18.374 | ug/l   | 93     |
| 22) Diisopropyl ether         | 5.90 | 45   | 163161   | 18.603 | ug/l   | 93     |
| 23) Vinyl Acetate             | 5.84 | 43   | 657236   | 91.782 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.80 | 63   | 103018   | 18.240 | ug/l   | 99     |
| 25) 2-Butanone                | 6.79 | 43   | 153628   | 90.895 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.77 | 77   | 89483    | 19.013 | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96   | 68405    | 18.861 | ug/l   | 95     |
| 28) Bromochloromethane        | 7.15 | 49   | 42060    | 17.164 | ug/l   | 95     |
| 29) Tetrahydrofuran           | 7.17 | 42   | 103741   | 93.702 | ug/l   | 98     |
| 30) Chloroform                | 7.33 | 83   | 106734   | 18.574 | ug/l   | 99     |
| 31) Cyclohexane               | 7.61 | 56   | 87150    | 18.242 | ug/l   | 89     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97   | 92872    | 19.165 | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.75 | 75   | 78442    | 18.127 | ug/l   | 98     |
| 37) Ethyl Acetate             | 6.88 | 43   | 66521    | 18.564 | ug/l # | 91     |
| 38) Carbon Tetrachloride      | 7.73 | 117  | 78835    | 19.323 | ug/l   | 98     |

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 Data File : VN062131.D  
 Acq On : 26 Jun 2020 11:42  
 Operator : JC/MD  
 Sample : VN0626WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0626WBS01

Quant Time: Jun 27 03:39:12 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          | 9.05  | 83   | 85590    | 18.051  | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 238827   | 18.107  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.12  | 41   | 24858    | 14.964  | ug/l # | 83       |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 81116    | 18.203  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 108831   | 18.631  | ug/l   | 99       |
| 44) Trichloroethene            | 8.80  | 130  | 62697    | 18.844  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.09  | 63   | 60107    | 18.472  | ug/l   | 99       |
| 46) Dibromomethane             | 9.18  | 93   | 41807    | 18.950  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.37  | 83   | 84130    | 18.886  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.17  | 41   | 47333    | 18.072  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 21742    | 374.333 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 322158   | 94.395  | ug/l   | 98       |
| 52) Toluene                    | 10.12 | 92   | 156707   | 19.472  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 91010    | 18.570  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 99396    | 19.050  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 61525    | 19.448  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 80791    | 19.137  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 102148   | 18.760  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 137397   | 87.619  | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.72 | 43   | 229878   | 93.279  | ug/l   | 97       |
| 60) Dibromochloromethane       | 10.87 | 129  | 64325    | 19.206  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 61850    | 19.028  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.60 | 164  | 53801    | 20.164  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.41 | 112  | 164594   | 19.188  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 60114    | 20.267  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.48 | 91   | 283391   | 19.562  | ug/l   | 96       |
| 68) m/p-Xylenes                | 11.59 | 106  | 224171   | 40.007  | ug/l   | 96       |
| 69) o-Xylene                   | 11.92 | 106  | 106778   | 20.197  | ug/l   | 98       |
| 70) Styrene                    | 11.94 | 104  | 169182   | 19.188  | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 41759    | 19.801  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.22 | 105  | 276115   | 20.311  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.05 | 43   | 85556    | 19.296  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 85514    | 18.903  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 107853   | 26.088  | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 67382    | 19.965  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.56 | 91   | 307596   | 19.781  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 185033   | 19.683  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 222465   | 20.187  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 27525    | 19.443  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 186826   | 19.218  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.97 | 119  | 189512   | 20.094  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 223496   | 20.306  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 252706   | 20.278  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 222662   | 20.393  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 116510   | 19.659  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 114323   | 18.713  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 168886   | 18.605  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.85 | 117  | 41620    | 19.429  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 113870   | 19.814  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 13980    | 19.291  | ug/l   | 93       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062620\  
Data File : VN062131.D  
Acq On : 26 Jun 2020 11:42  
Operator : JC/MD  
Sample : VN0626WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 5 Sample Multiplier: 1

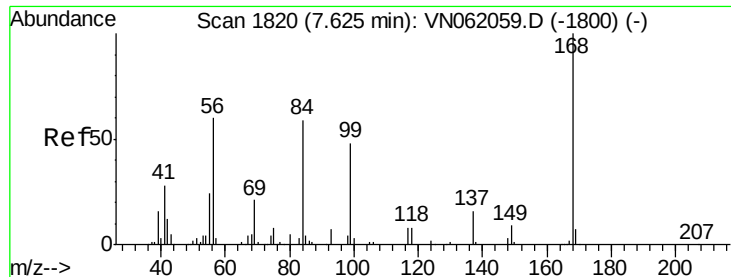
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0626WBS01

Quant Time: Jun 27 03:39:12 2020  
Quant Method : Z:\V0ASRV\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 | 14.88 | 180  | 47438    | 18.895 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 22254    | 20.408 | ug/l  | 97       |
| 95) Naphthalene            | 15.10 | 128  | 139201   | 19.295 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 49687    | 19.355 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampleId :

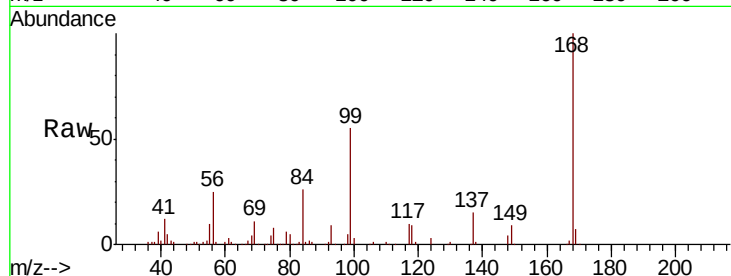
VN0626WBS01

Tot Ion:168 Resp: 246404

Ion Ratio Lower Upper

168 100

99 54.7 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

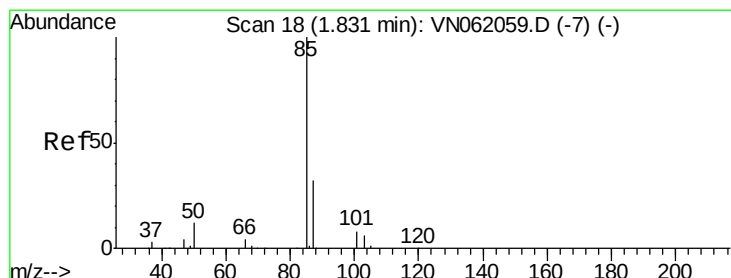
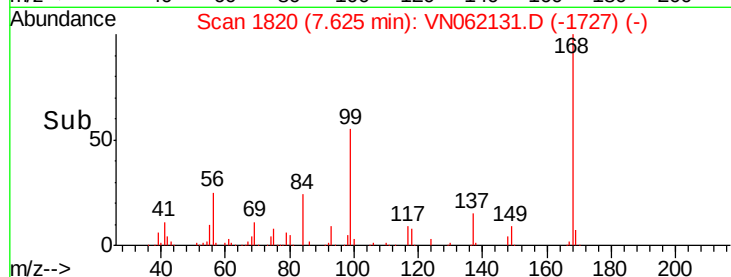
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.092 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062131.D

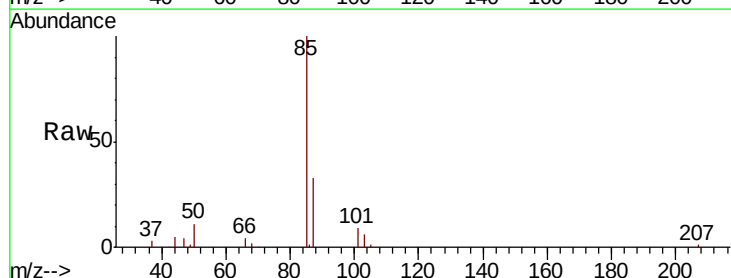
Acq: 26 Jun 2020 11:42

Tgt Ion: 85 Resp: 50388

Ion Ratio Lower Upper

85 100

87 33.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

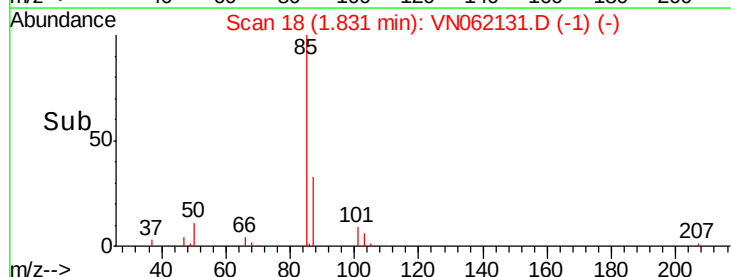
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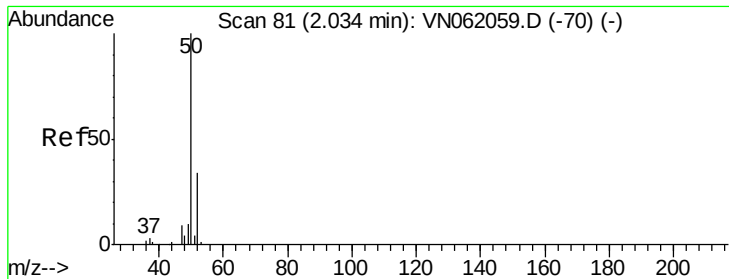
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10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.562 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampleId :

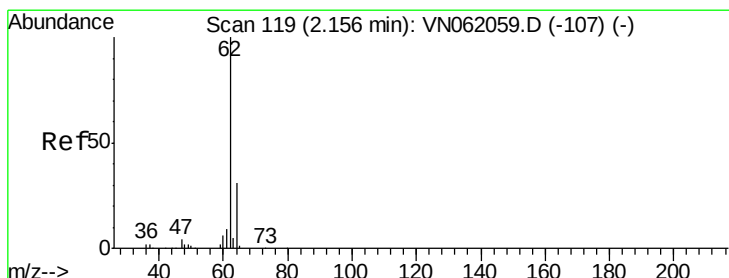
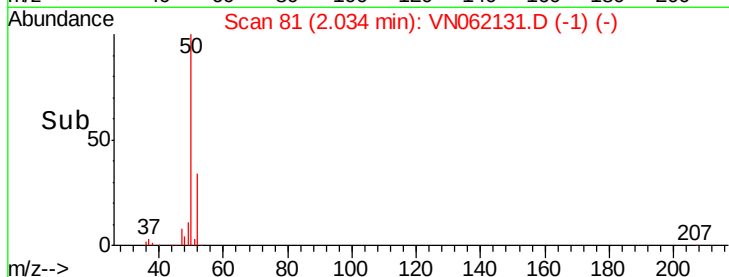
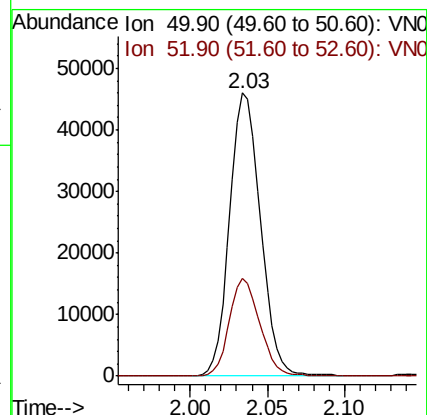
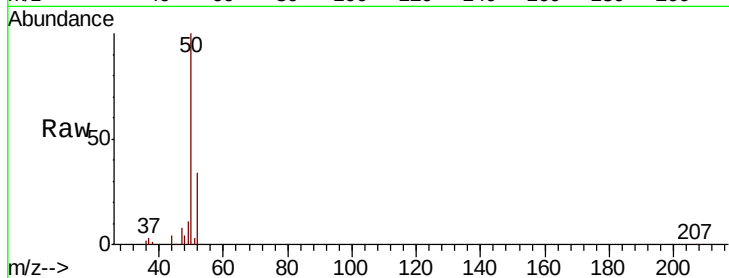
VN0626WBS01

Tot Ion: 50 Resp: 63622

Ion Ratio Lower Upper

50 100

52 34.4 27.0 40.6



#4

Vinyl Chloride

Concen: 17.791 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062131.D

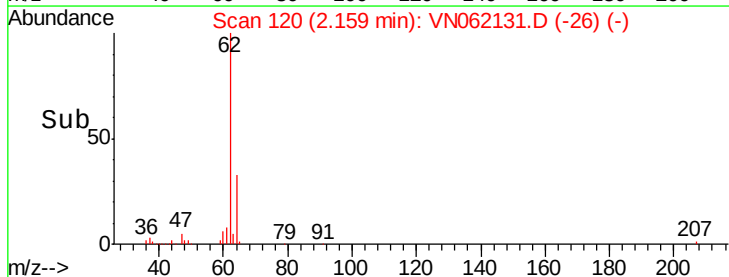
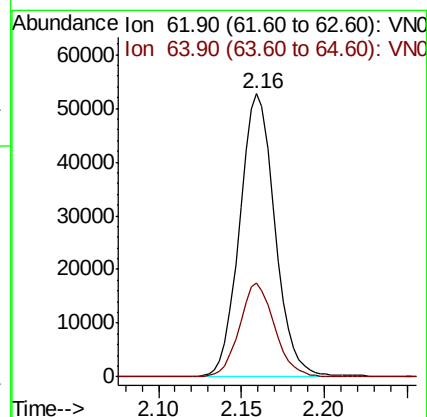
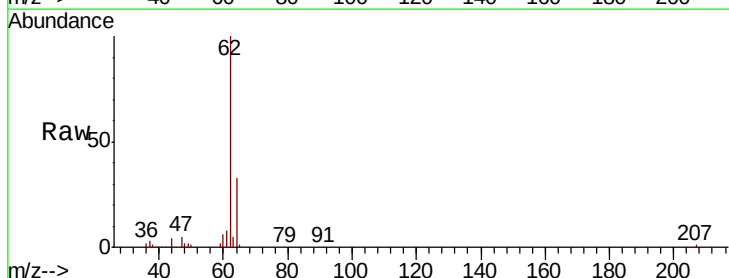
Acq: 26 Jun 2020 11:42

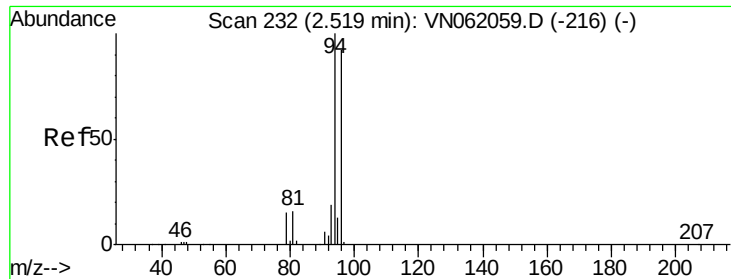
Tgt Ion: 62 Resp: 78033

Ion Ratio Lower Upper

62 100

64 33.4 25.1 37.7





#5

Bromomethane

Concen: 19.423 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampleId :

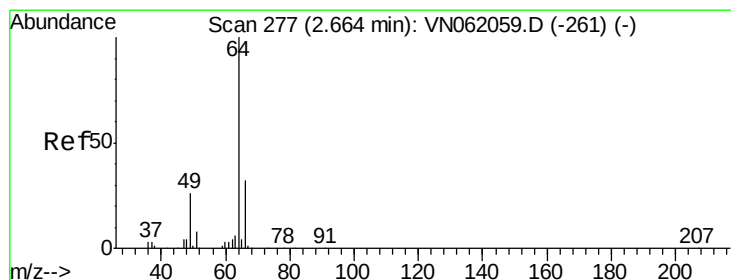
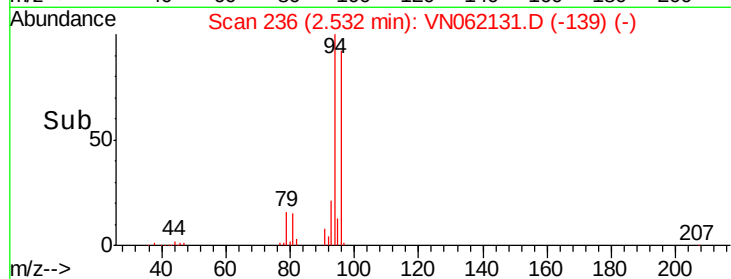
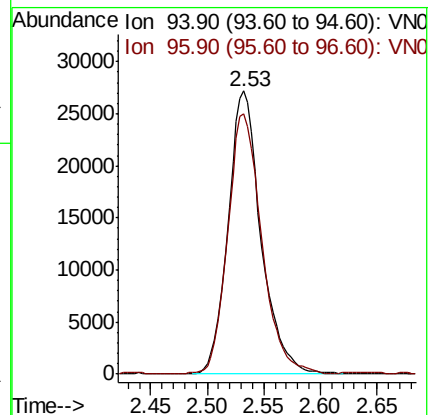
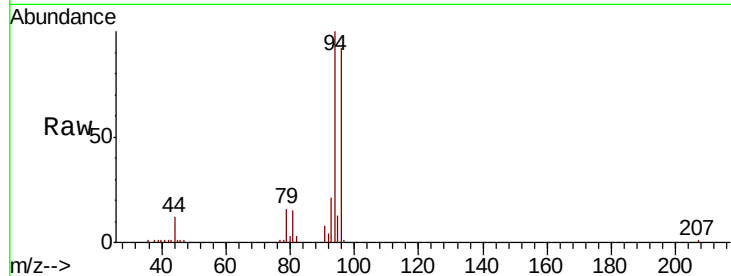
VN0626WBS01

Tot Ion: 94 Resp: 55060

Ion Ratio Lower Upper

94 100

96 91.3 73.4 110.2



#6

Chloroethane

Concen: 18.218 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062131.D

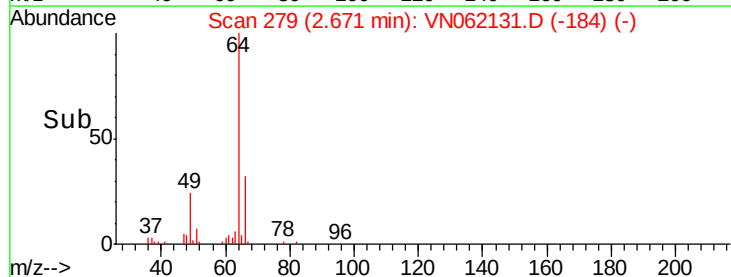
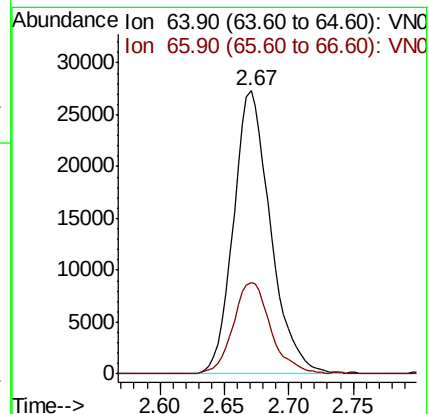
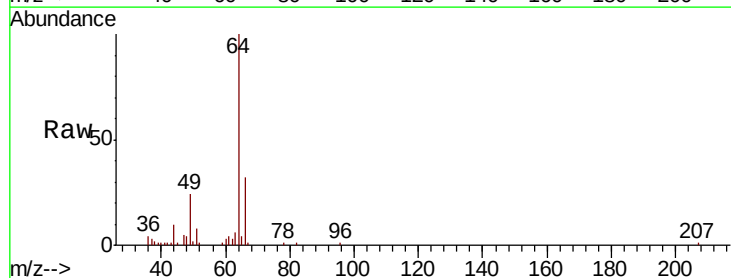
Acq: 26 Jun 2020 11:42

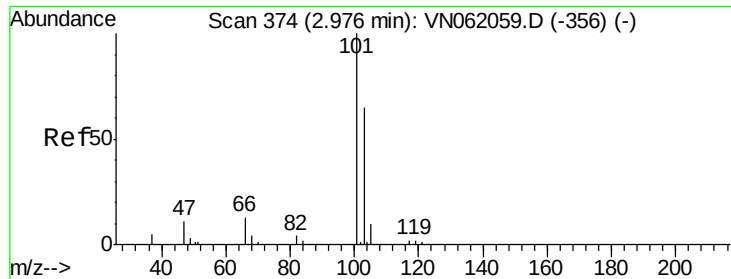
Tgt Ion: 64 Resp: 54586

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.6



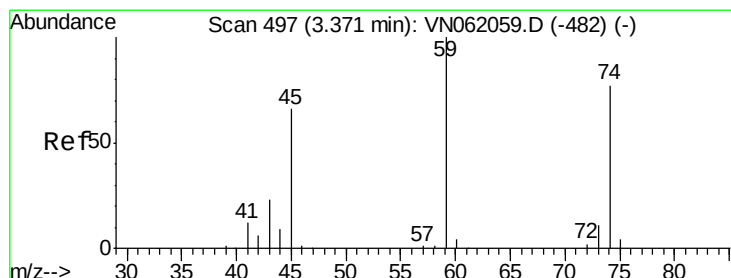
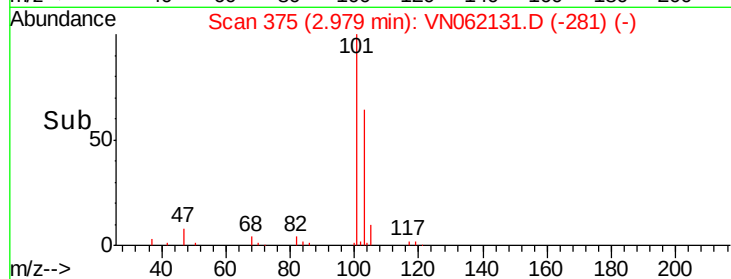
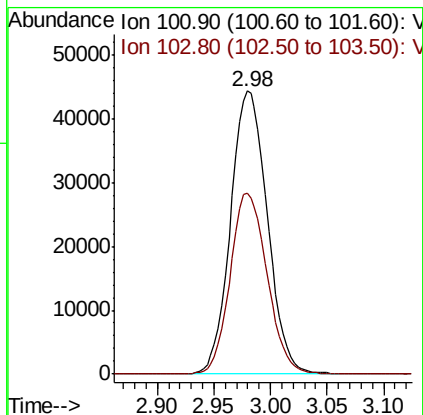
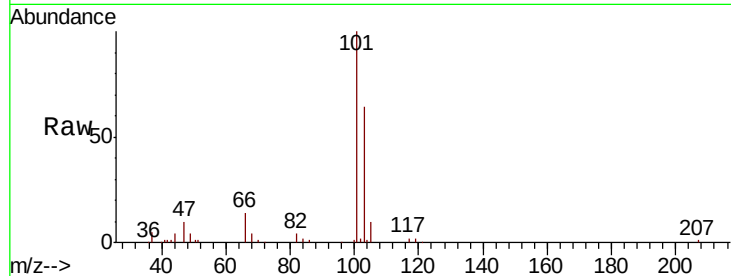


#7

Trichlorofluoromethane  
Concen: 18.562 ug/l  
RT: 2.98 min Scan# 375  
Delta R.T. 0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0626WBS01

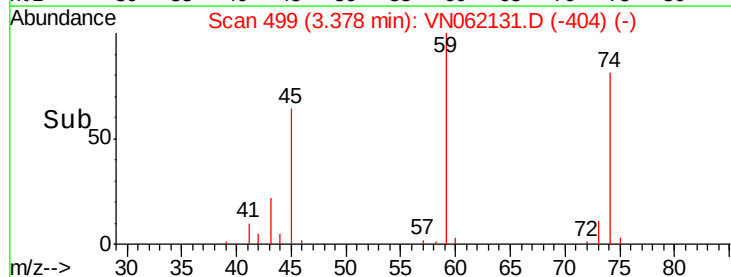
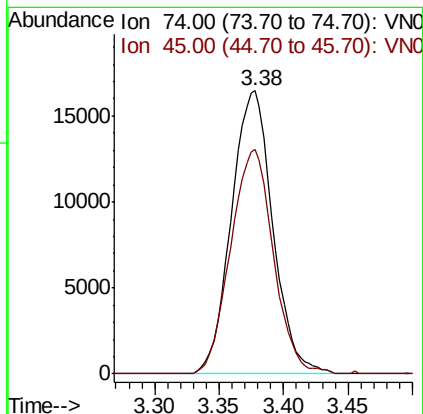
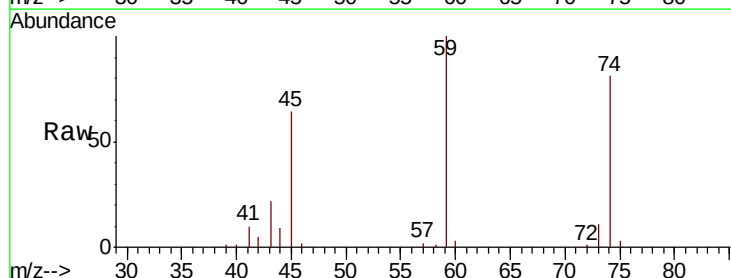
Tot Ion:101 Resp: 100319  
Ion Ratio Lower Upper  
101 100  
103 63.9 51.8 77.6



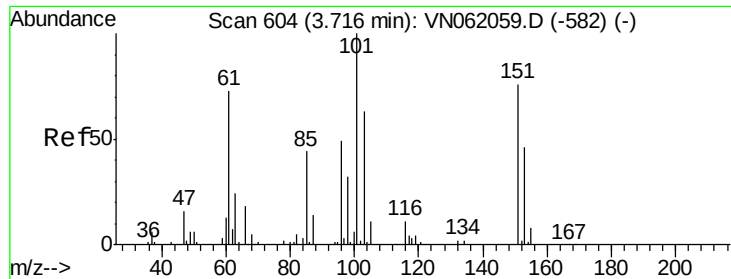
#8

Diethyl Ether  
Concen: 19.505 ug/l  
RT: 3.38 min Scan# 499  
Delta R.T. 0.01 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Tgt Ion: 74 Resp: 36809  
Ion Ratio Lower Upper  
74 100  
45 81.9 42.5 127.5







#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.822 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0626WBS01

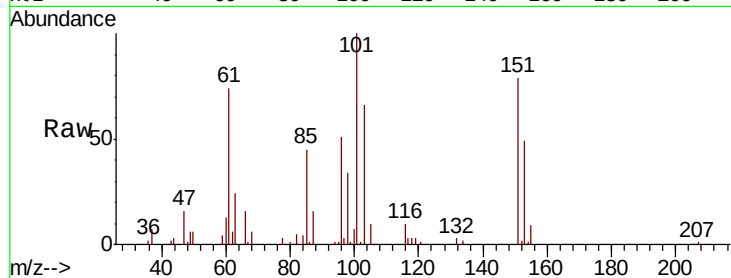
Tot Ion:101 Resp: 53270

Ion Ratio Lower Upper

101 100

85 44.0 34.5 51.7

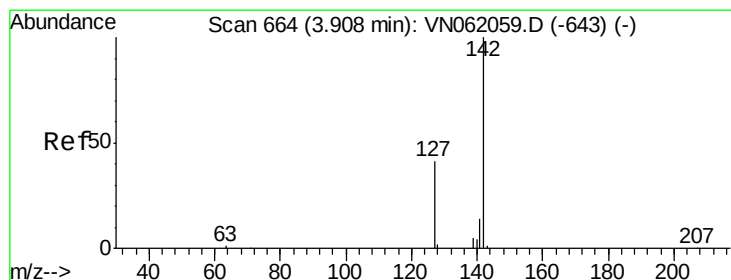
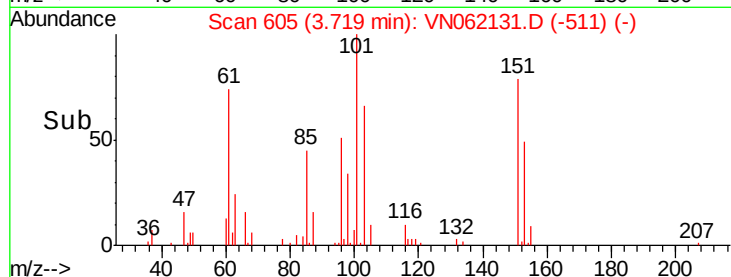
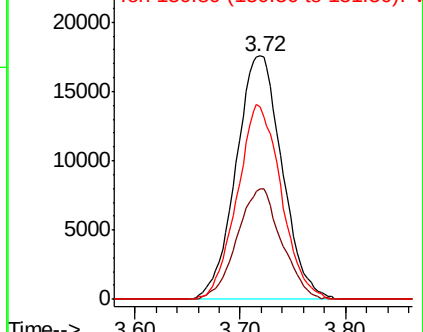
151 76.3 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.963 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

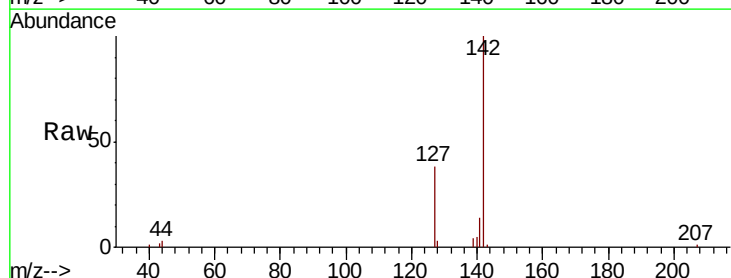
Tgt Ion:142 Resp: 63630

Ion Ratio Lower Upper

142 100

127 40.3 33.6 50.4

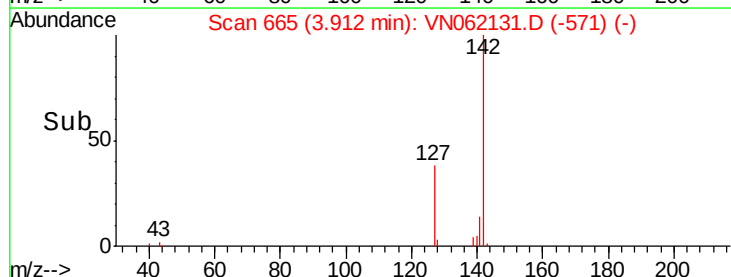
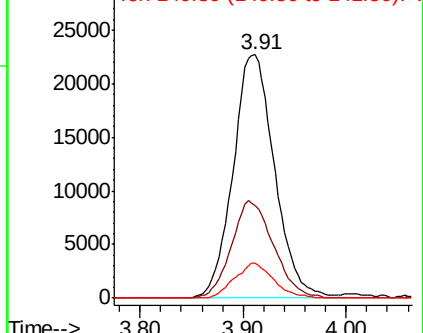
141 13.4 11.3 16.9

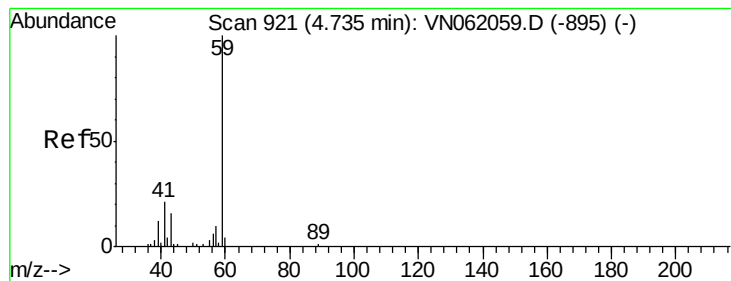


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 93.546 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampled :

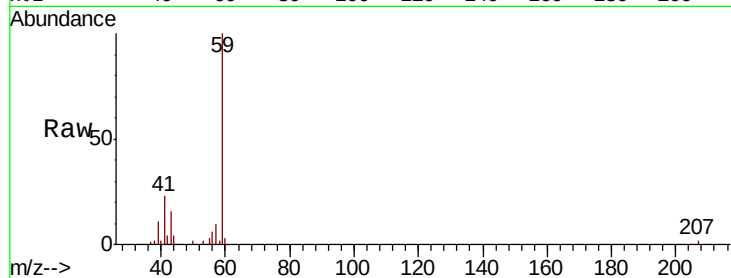
VN0626WBS01

Tot Ion: 59 Resp: 46443

Ion Ratio Lower Upper

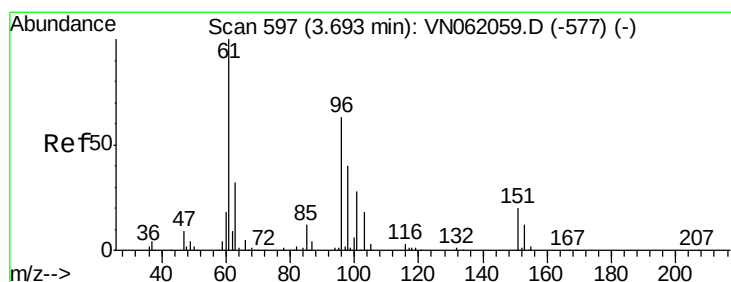
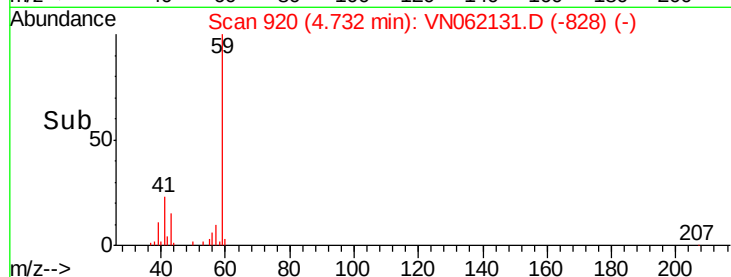
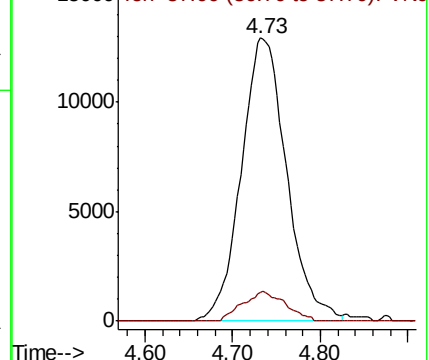
59 100

57 9.9 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN062131.D (-828) (-)

Ion 57.00 (56.70 to 57.70): VN062131.D (-828) (-)



#12

1,1-Dichloroethene

Concen: 19.104 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

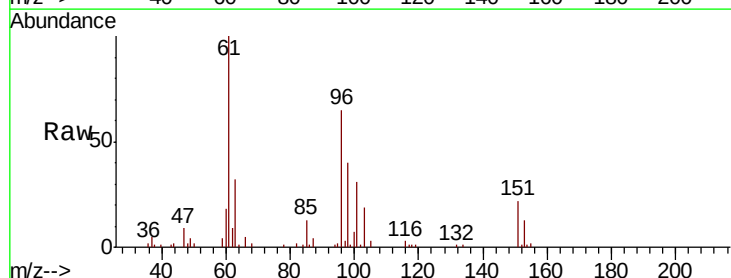
Tgt Ion: 96 Resp: 54051

Ion Ratio Lower Upper

96 100

61 154.9 126.7 190.1

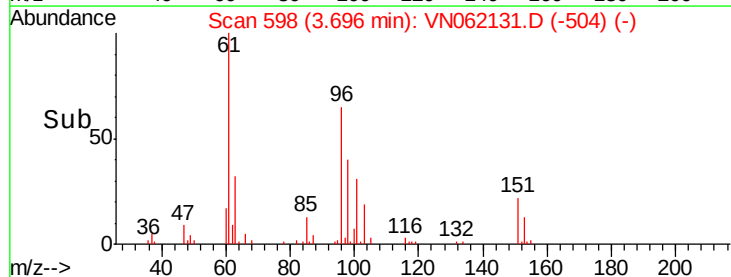
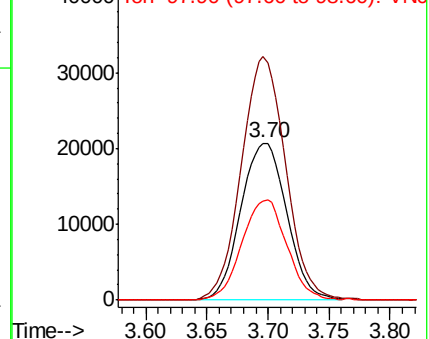
98 62.7 51.0 76.4

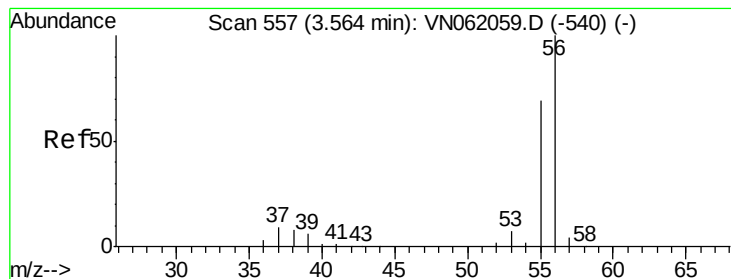


Abundance Ion 95.90 (95.60 to 96.60): VN062131.D (-504) (-)

Ion 60.90 (60.60 to 61.60): VN062131.D (-504) (-)

Ion 97.90 (97.60 to 98.60): VN062131.D (-504) (-)





#13

Acrolein

Concen: 66.090 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampled :

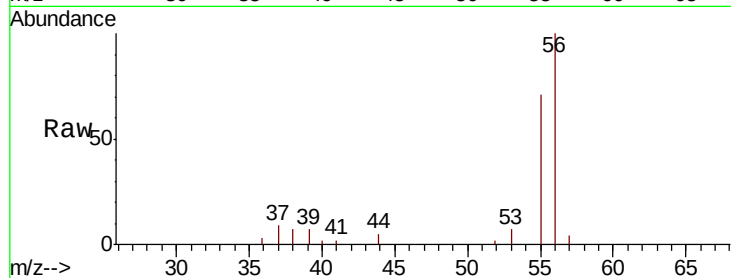
VN0626WBS01

Tot Ion: 56 Resp: 32125

Ion Ratio Lower Upper

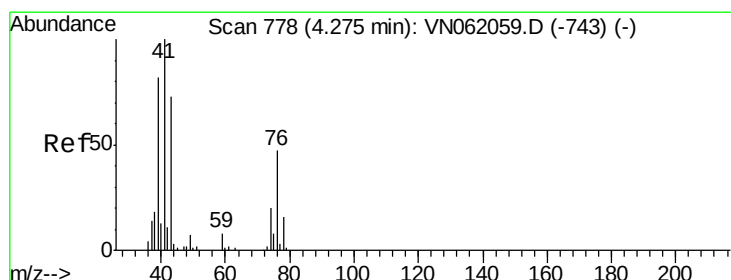
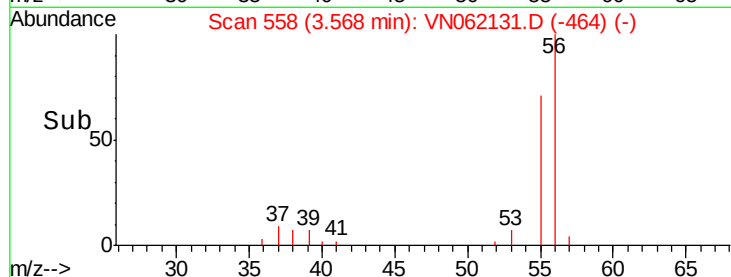
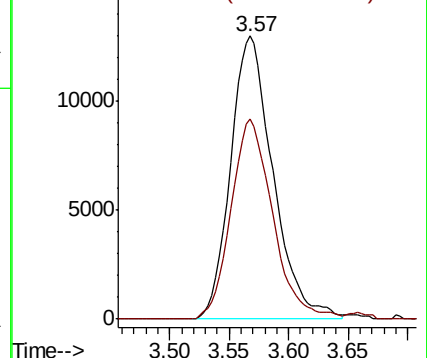
56 100

55 69.5 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062131.D (-464) (-)

Ion 55.00 (54.70 to 55.70): VN062131.D (-464) (-)



#14

Allyl chloride

Concen: 18.762 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

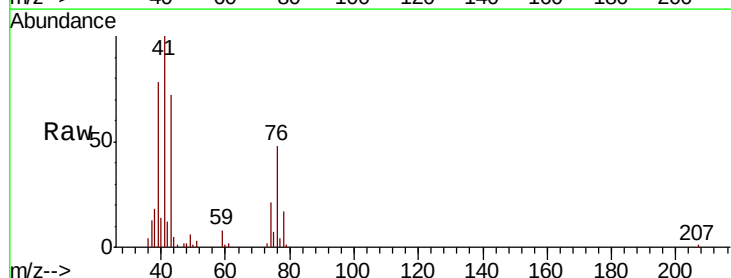
Tgt Ion: 41 Resp: 72274

Ion Ratio Lower Upper

41 100

39 74.9 60.0 90.0

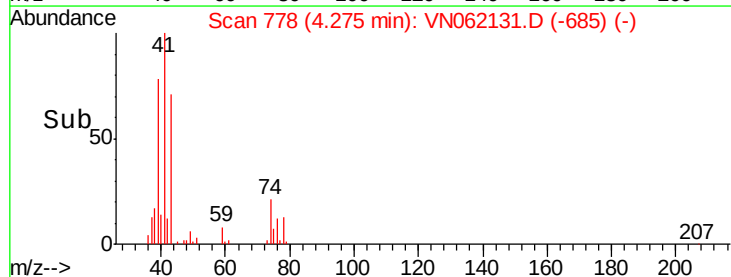
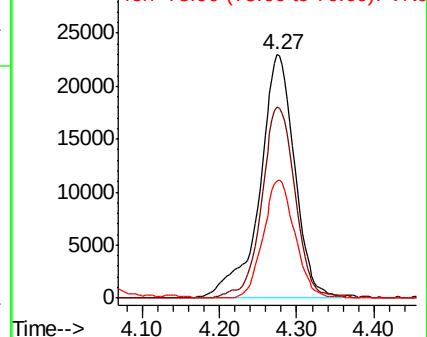
76 43.7 34.1 51.1

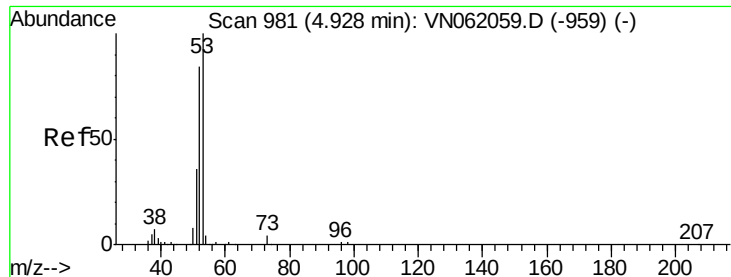


Abundance Ion 41.00 (40.70 to 41.70): VN062131.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062131.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062131.D (-685) (-)





#15

Acrylonitrile

Concen: 93.363 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0626WBS01

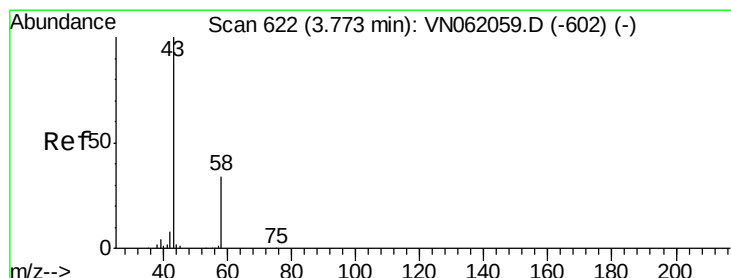
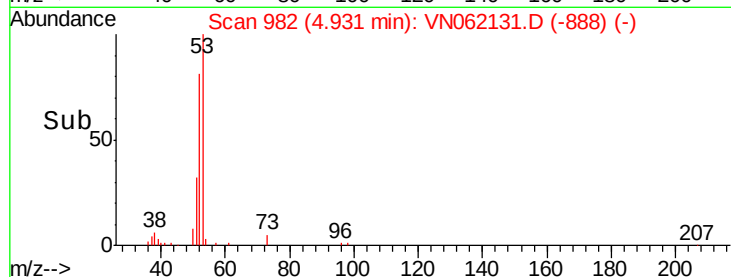
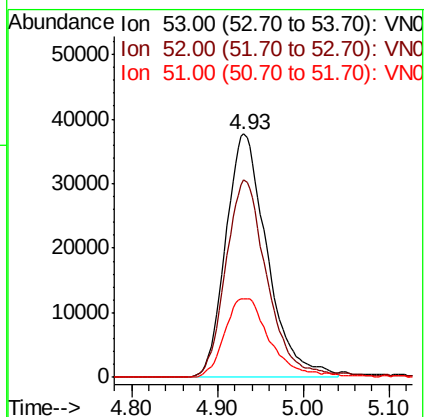
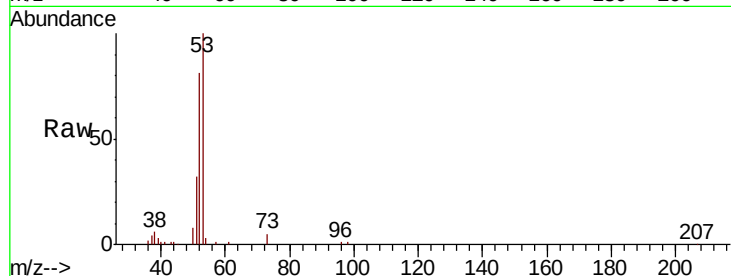
Tot Ion: 53 Resp: 126312

Ion Ratio Lower Upper

53 100

52 80.8 66.2 99.4

51 34.7 28.9 43.3



#16

Acetone

Concen: 93.340 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062131.D

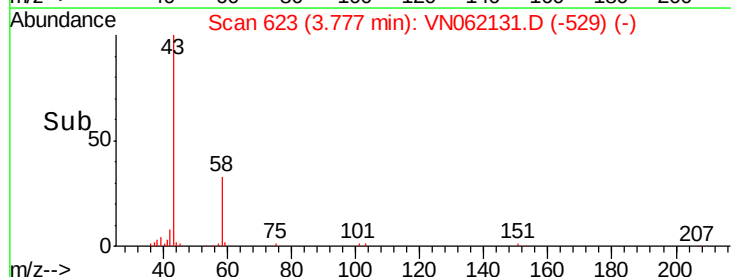
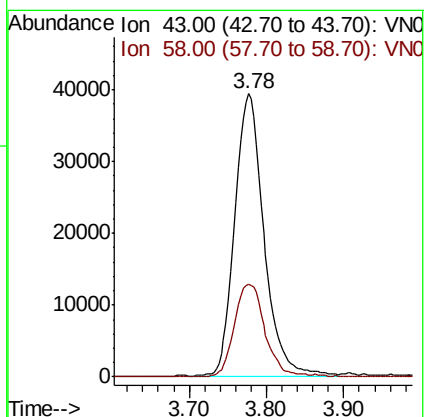
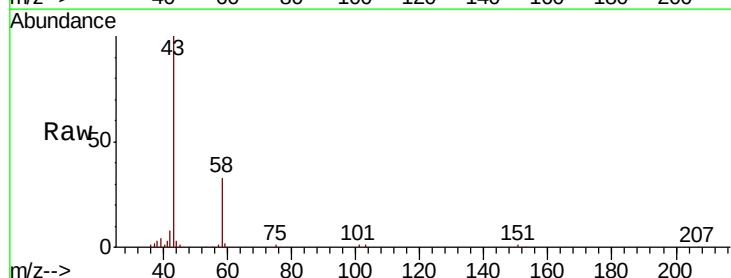
Acq: 26 Jun 2020 11:42

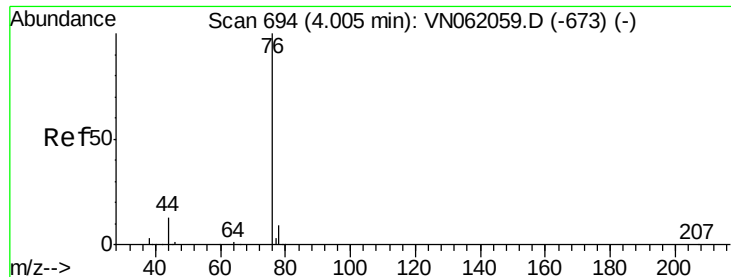
Tgt Ion: 43 Resp: 104064

Ion Ratio Lower Upper

43 100

58 32.7 27.5 41.3





#17

Carbon Disulfide

Concen: 17.576 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampleId :

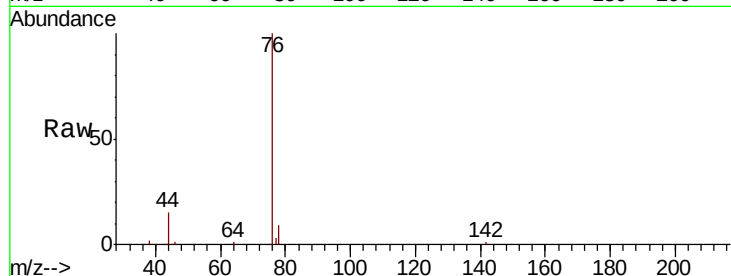
VN0626WBS01

Tot Ion: 76 Resp: 142166

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062131.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062131.D (-600) (-)

4.01

60000

50000

40000

30000

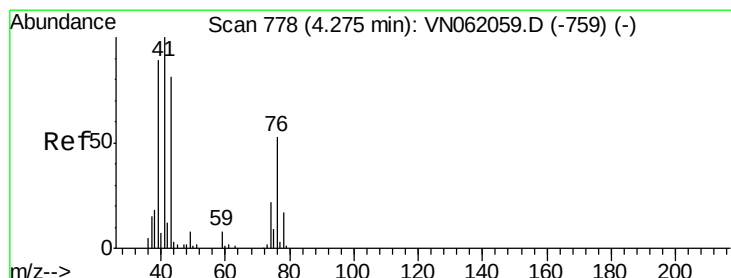
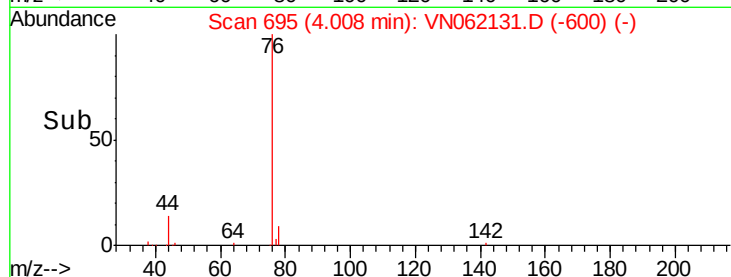
20000

10000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 18.267 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN062131.D

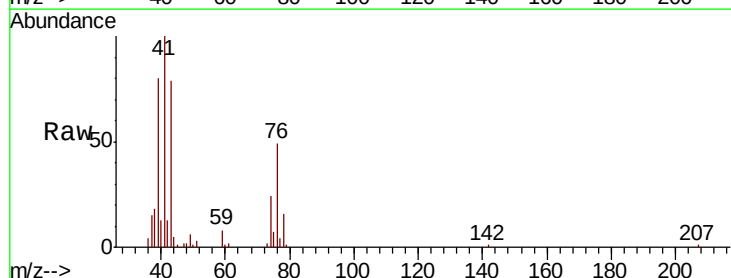
Acq: 26 Jun 2020 11:42

Tgt Ion: 43 Resp: 50211

Ion Ratio Lower Upper

43 100

74 29.2 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062131.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062131.D (-685) (-)

4.28

20000

15000

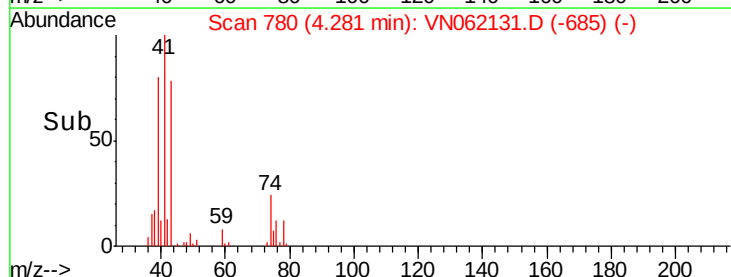
10000

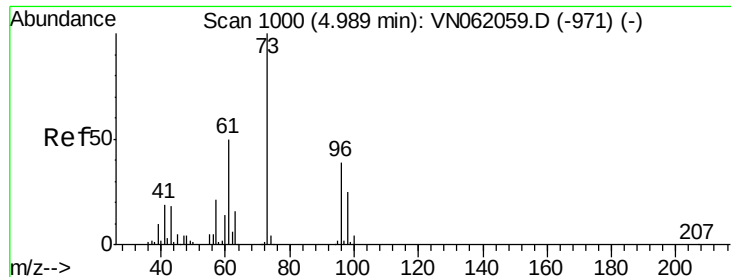
5000

0

Time-->

4.20 4.25 4.30 4.35

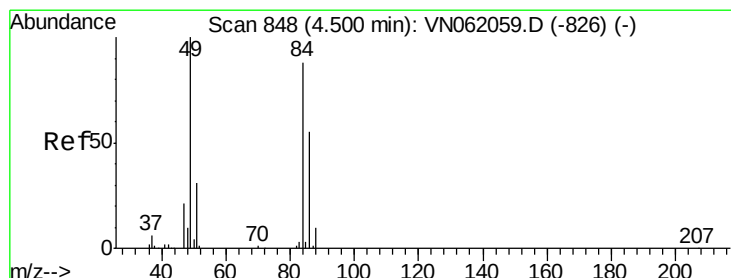
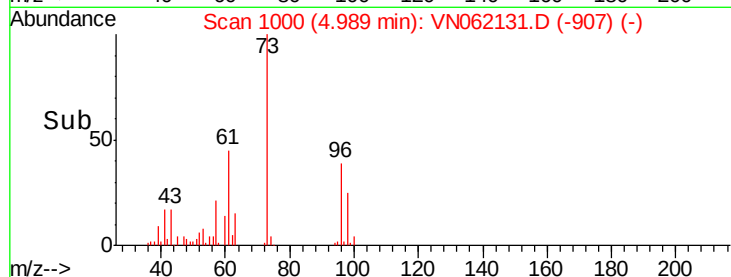
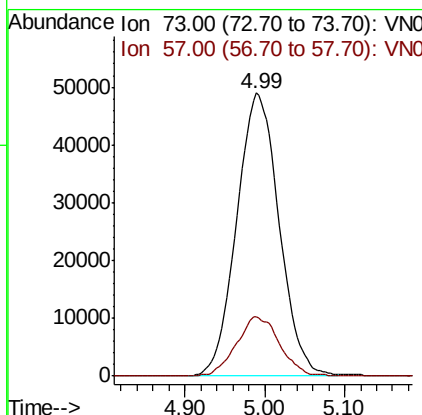
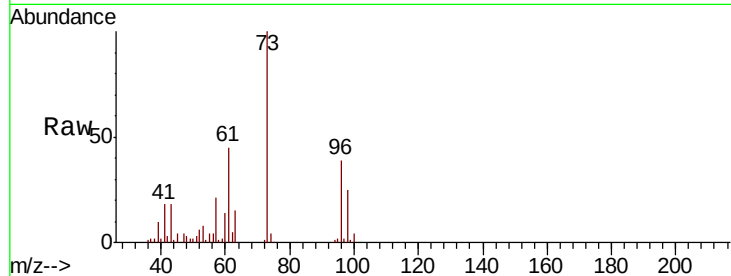




#19  
Methvl tert-butyl Ether  
Concen: 19.546 ug/l  
RT: 4.99 min Scan# 1000  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

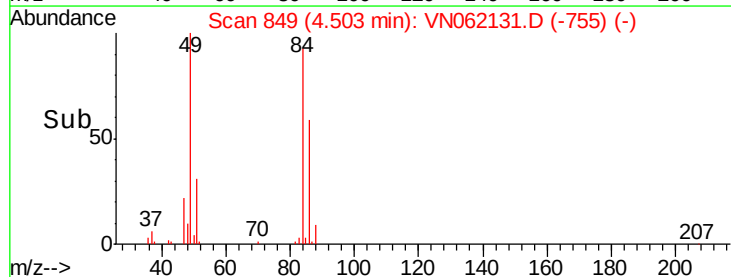
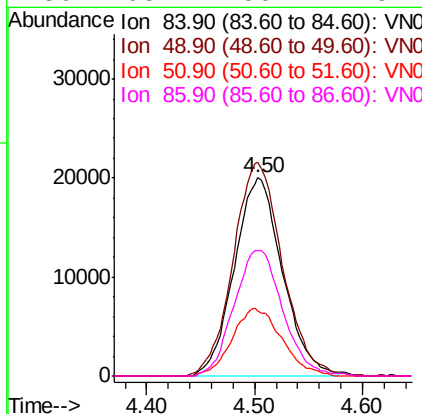
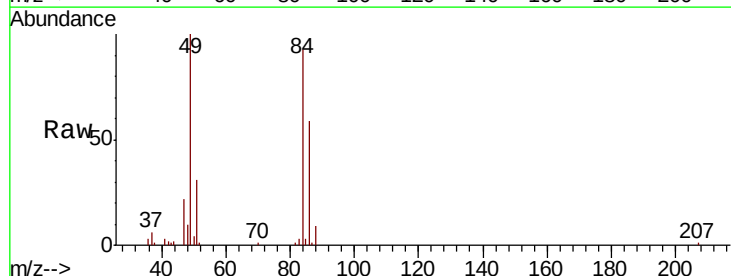
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0626WBS01

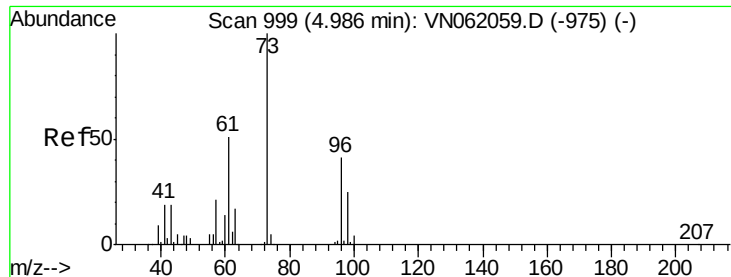
Tot Ion: 73 Resp: 176710  
Ion Ratio Lower Upper  
73 100  
57 21.1 16.6 24.8



#20  
Methylene Chloride  
Concen: 19.451 ug/l  
RT: 4.50 min Scan# 849  
Delta R.T. 0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Tgt Ion: 84 Resp: 62164  
Ion Ratio Lower Upper  
84 100  
49 107.0 90.6 136.0  
51 33.0 27.8 41.8  
86 63.7 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 18.374 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0626WBS01

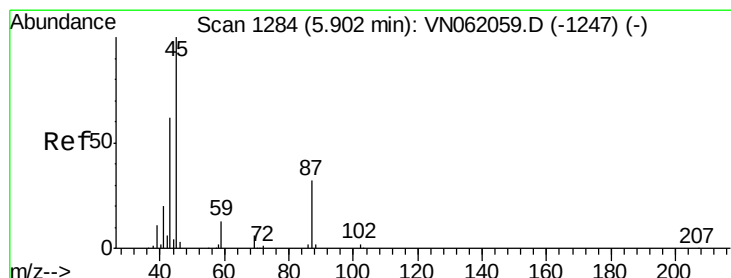
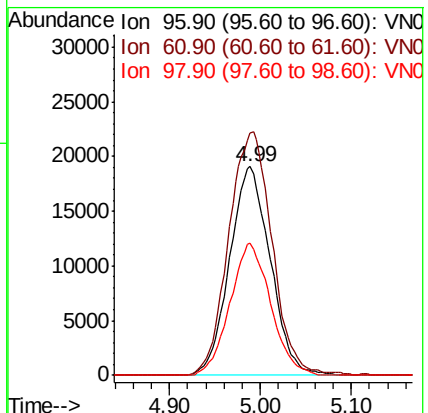
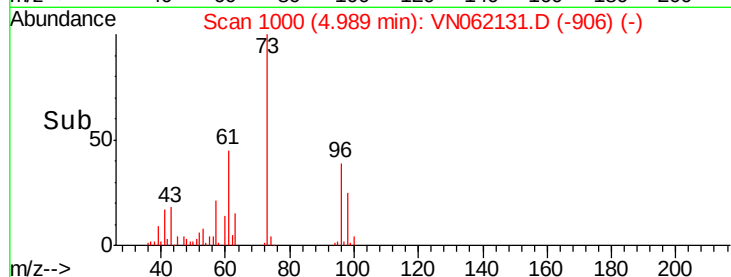
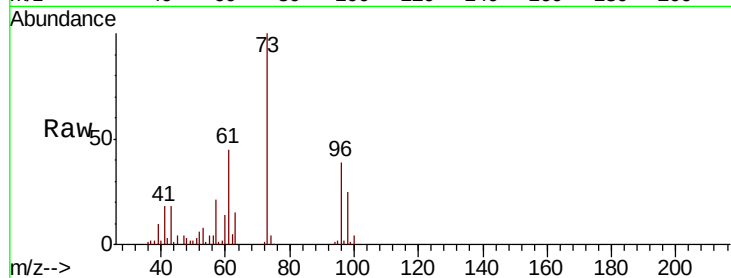
Tot Ion: 96 Resp: 59221

Ion Ratio Lower Upper

96 100

61 116.3 101.4 152.2

98 63.3 49.3 73.9



#22

Diisopropyl ether

Concen: 18.603 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Tgt Ion: 45 Resp: 163161

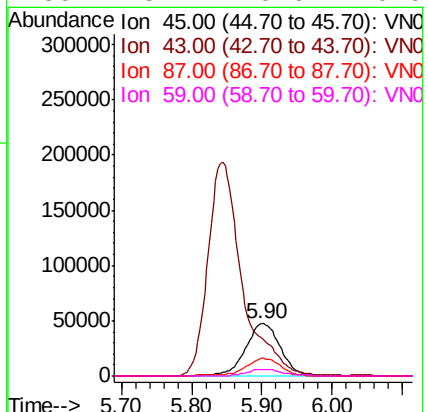
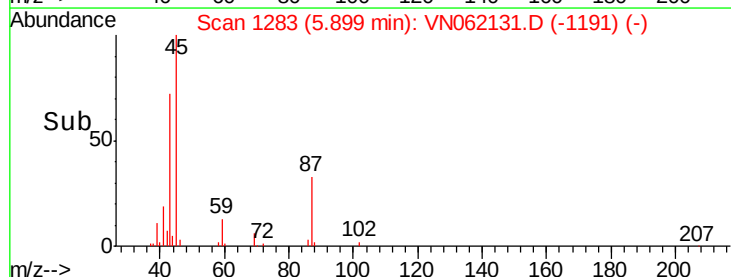
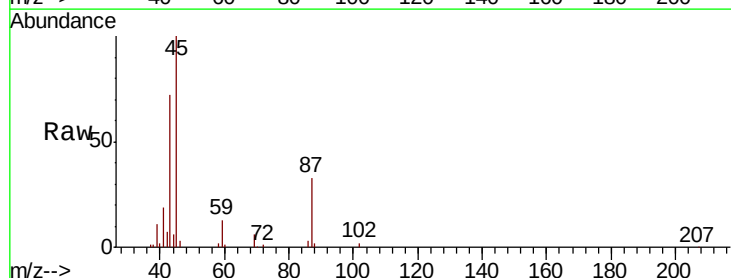
Ion Ratio Lower Upper

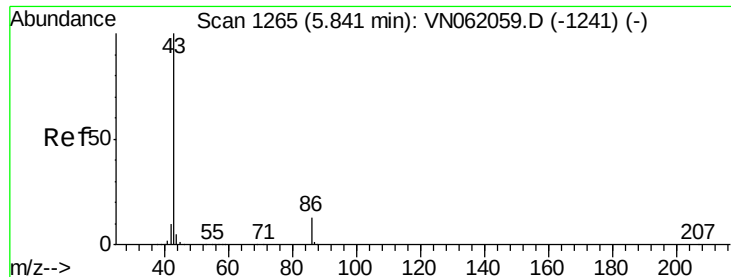
45 100

43 70.6 49.7 74.5

87 33.1 25.9 38.9

59 13.1 10.6 16.0





#23

Vinyl Acetate

Concen: 91.782 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampled :

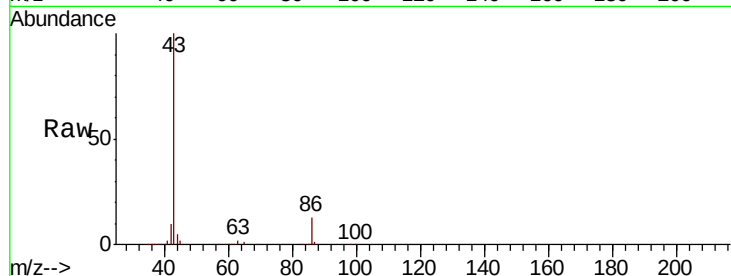
VN0626WBS01

Tot Ion: 43 Resp: 657236

Ion Ratio Lower Upper

43 100

86 12.9 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062131.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062131.D (-1172) (-)

5.84

200000

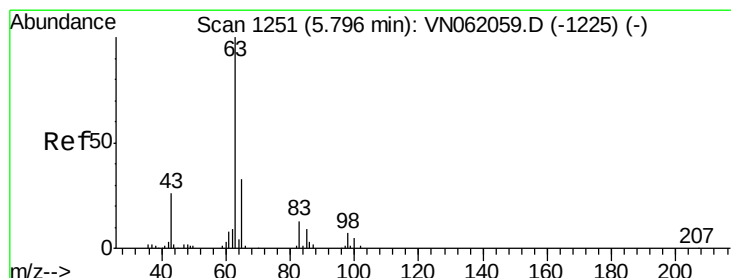
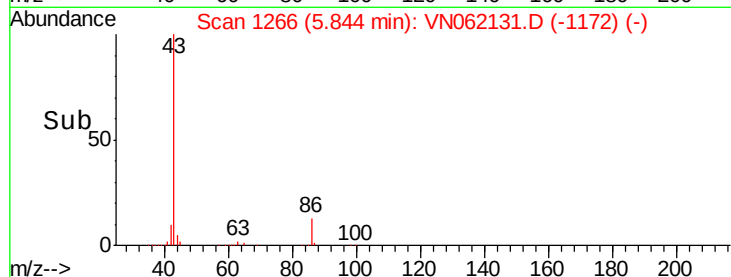
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.240 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

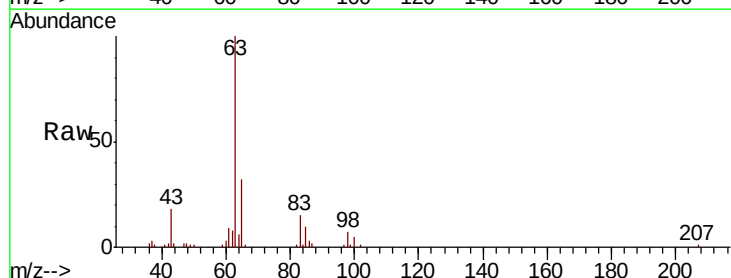
Tgt Ion: 63 Resp: 103018

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.9

100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062131.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062131.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062131.D (-1158) (-)

5.80

40000

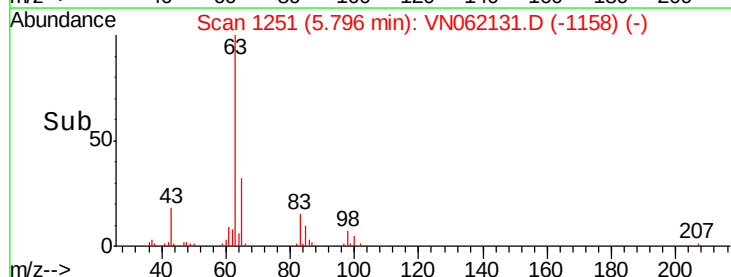
30000

20000

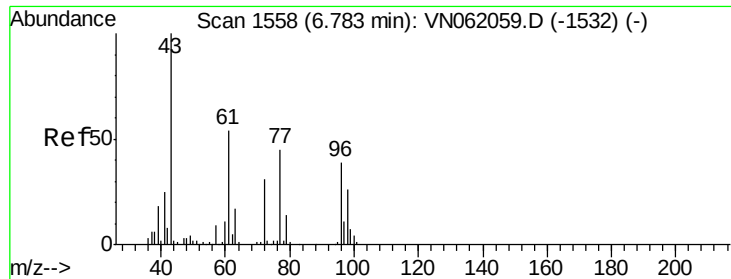
10000

0

Time-->



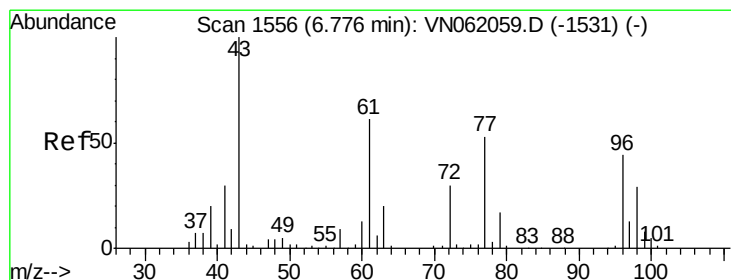
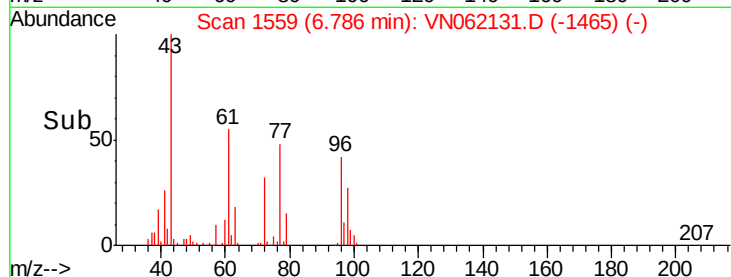
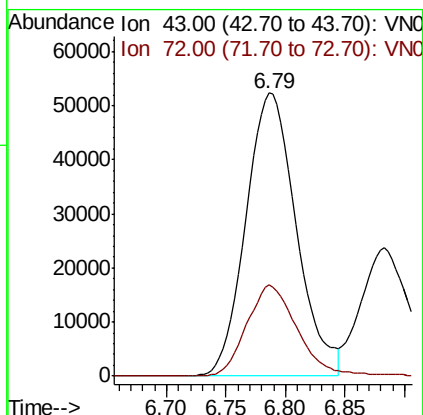
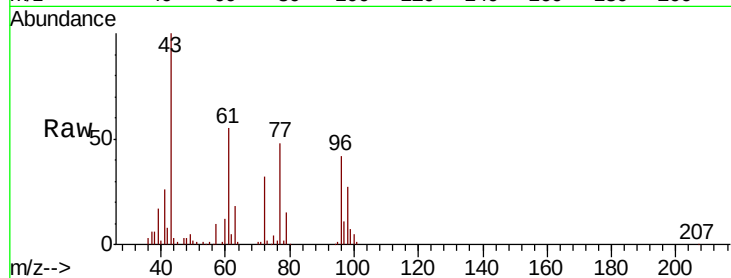




#25  
2-Butanone  
Concen: 90.895 ug/l  
RT: 6.79 min Scan# 1559  
Delta R.T. 0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

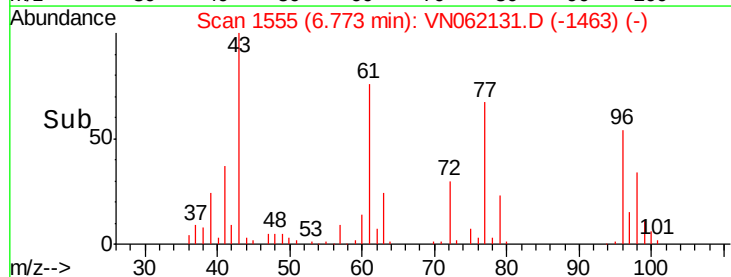
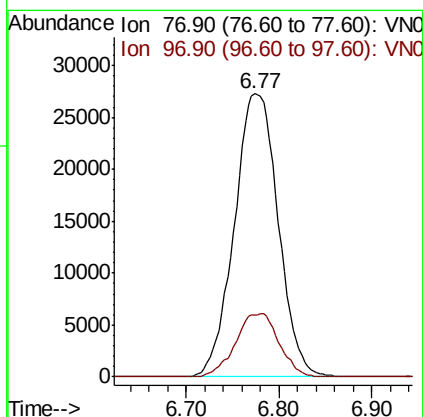
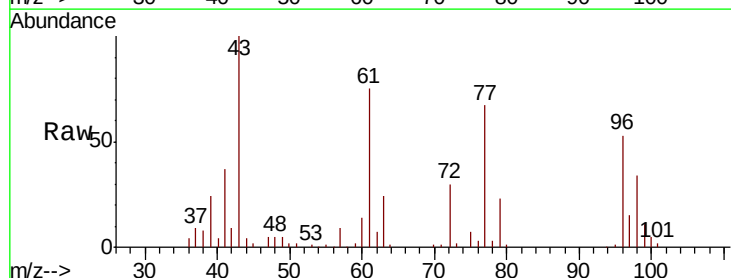
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0626WBS01

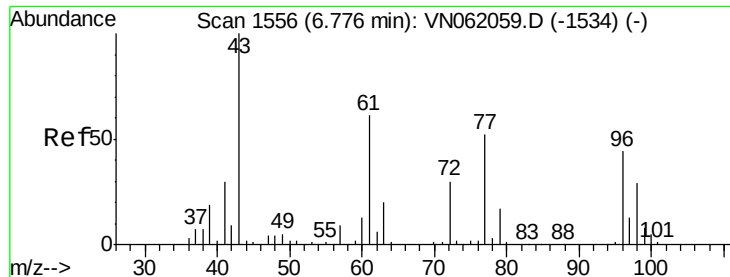
Tot Ion: 43 Resp: 153628  
Ion Ratio Lower Upper  
43 100  
72 32.1 24.8 37.2



#26  
2,2-Dichloropropane  
Concen: 19.013 ug/l  
RT: 6.77 min Scan# 1555  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Tgt Ion: 77 Resp: 89483  
Ion Ratio Lower Upper  
77 100  
97 22.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.861 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampled :

VN0626WBS01

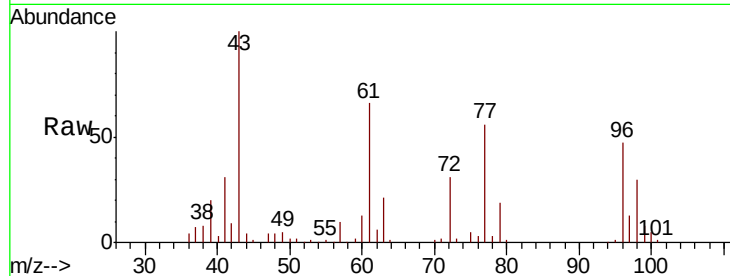
Tot Ion: 96 Resp: 68405

Ion Ratio Lower Upper

96 100

61 133.0 0.0 280.4

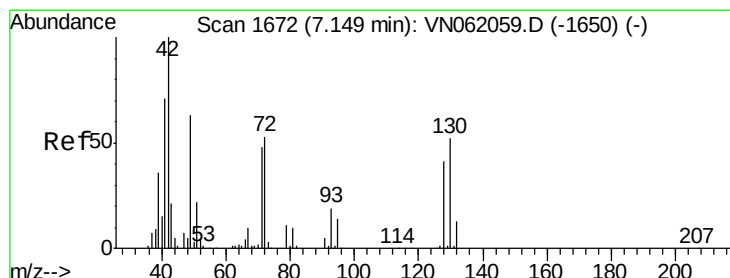
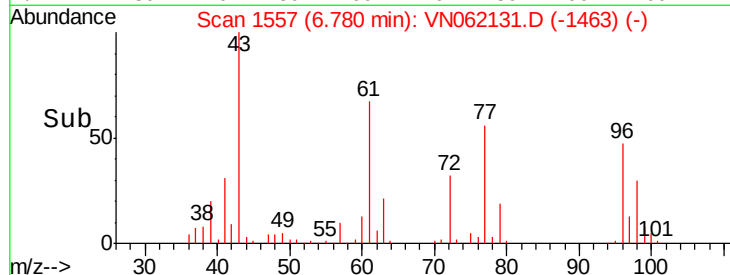
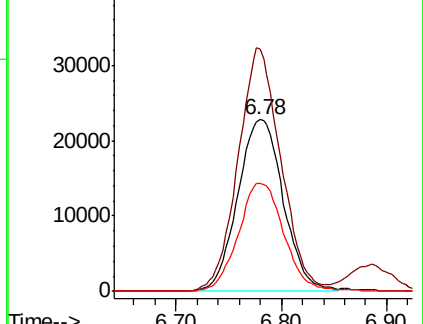
98 62.8 0.0 129.4



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: 17.164 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

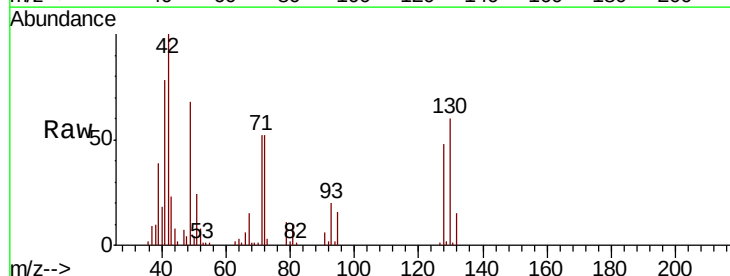
Tgt Ion: 49 Resp: 42060

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

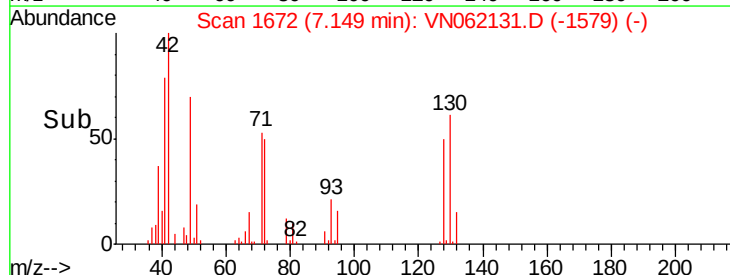
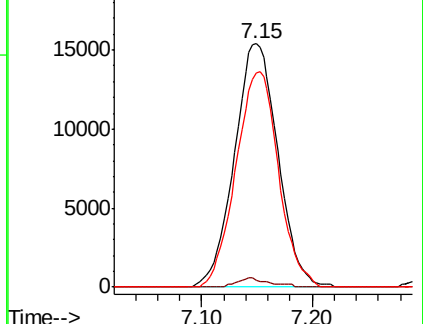
130 86.6 65.5 98.3

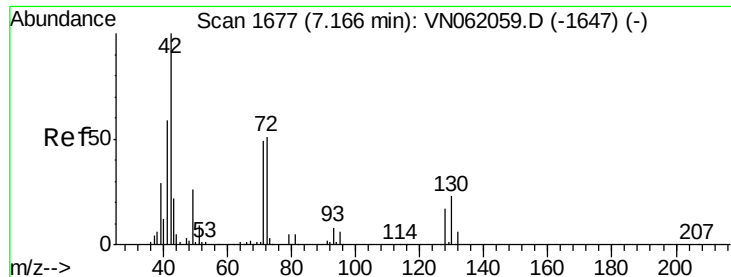


Abundance Ion 48.90 (48.60 to 49.60): VN062059.D (-1650) (-)

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: 93.702 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0626WBS01

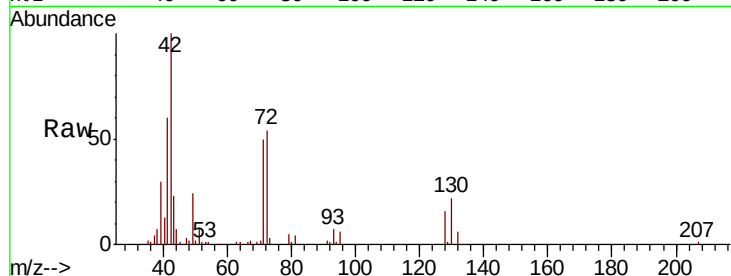
Tot Ion: 42 Resp: 103741

Ion Ratio Lower Upper

42 100

72 52.9 41.1 61.7

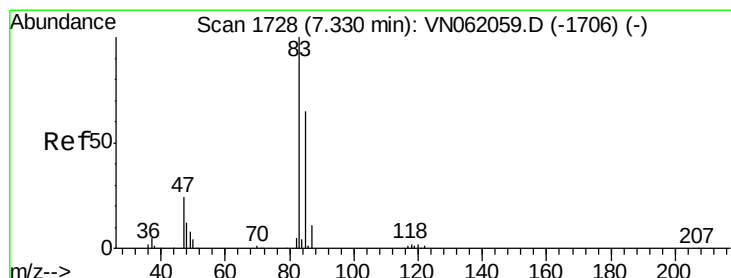
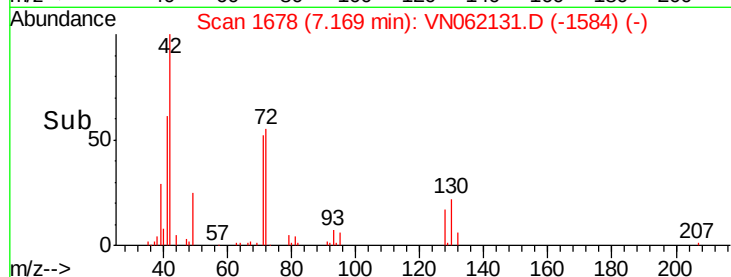
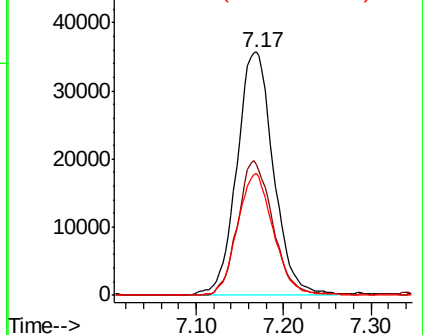
71 48.9 38.2 57.4



Abundance Ion 42.00 (41.70 to 42.70): VN062059.D (-1647) (-)

Ion 72.00 (71.70 to 72.70): VN062059.D (-1647) (-)

Ion 71.00 (70.70 to 71.70): VN062059.D (-1647) (-)



#30

Chloroform

Concen: 18.574 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062131.D

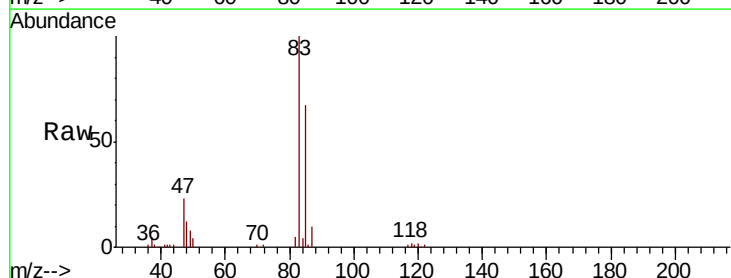
Acq: 26 Jun 2020 11:42

Tgt Ion: 83 Resp: 106734

Ion Ratio Lower Upper

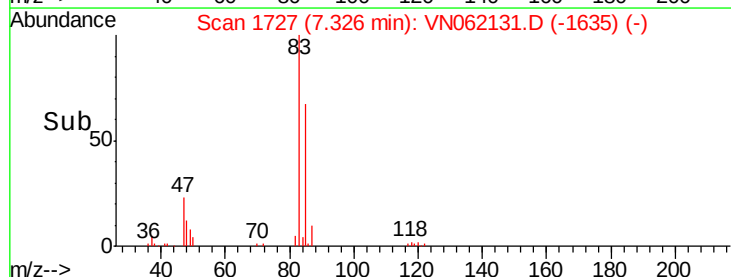
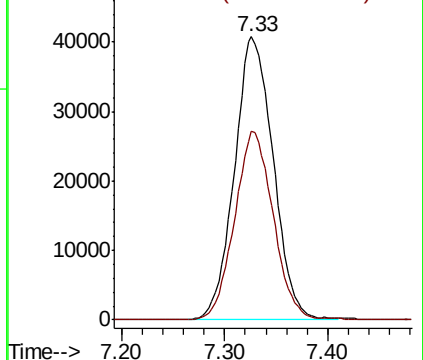
83 100

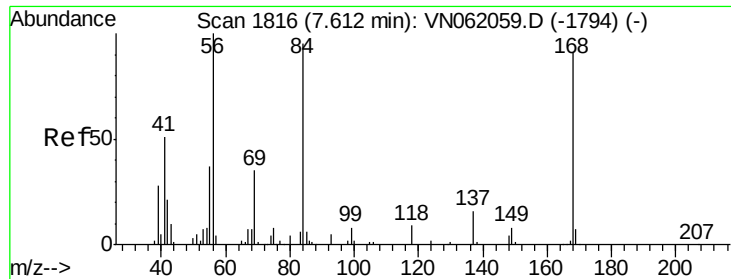
85 66.6 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN062059.D (-1706) (-)

Ion 84.90 (84.60 to 85.60): VN062059.D (-1706) (-)

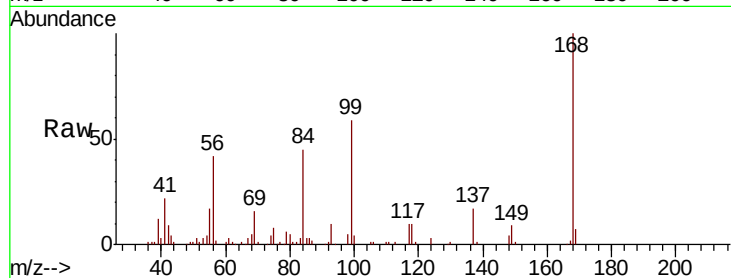




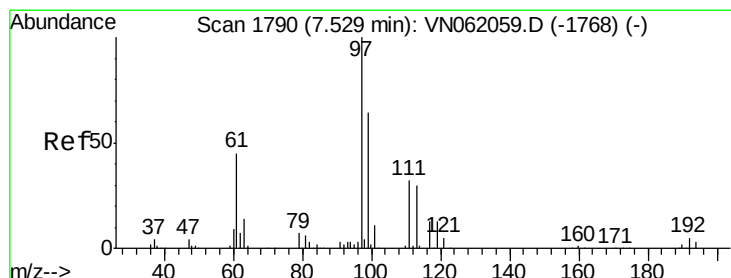
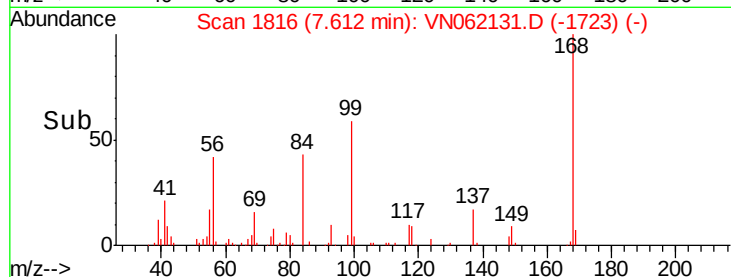
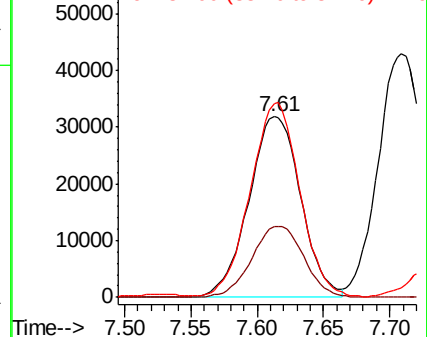
#31  
Cyclohexane  
Concen: 18.242 ug/l  
RT: 7.61 min Scan# 1816  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0626WBS01

Tot Ion: 56 Resp: 87150  
Ion Ratio Lower Upper  
56 100  
69 38.9 28.0 42.0  
84 106.7 76.1 114.1

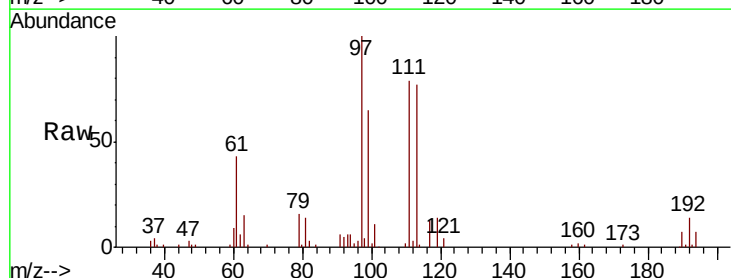


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

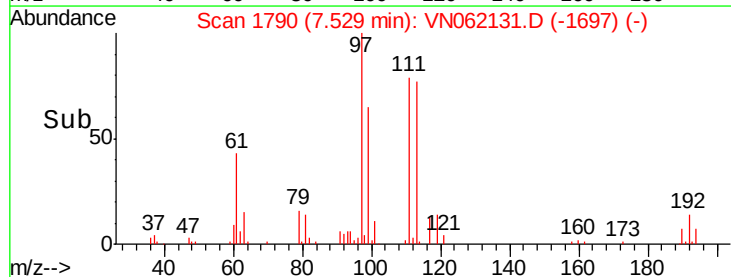
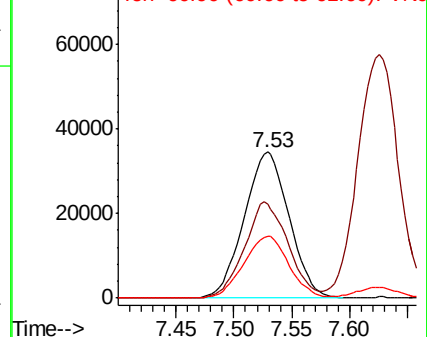


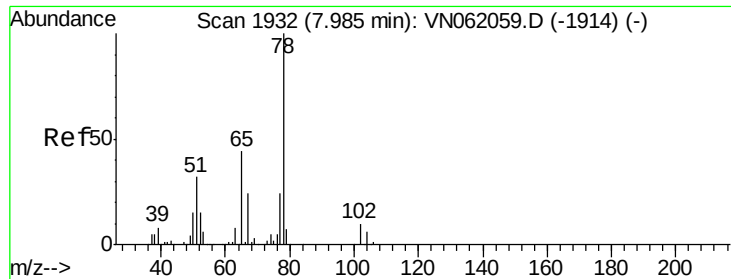
#32  
1,1,1-Trichloroethane  
Concen: 19.165 ug/l  
RT: 7.53 min Scan# 1790  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Tgt Ion: 97 Resp: 92872  
Ion Ratio Lower Upper  
97 100  
99 63.5 51.0 76.4  
61 42.8 36.2 54.2



Abundance Ion 96.90 (96.60 to 97.60): VN0  
Ion 98.90 (98.60 to 99.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0

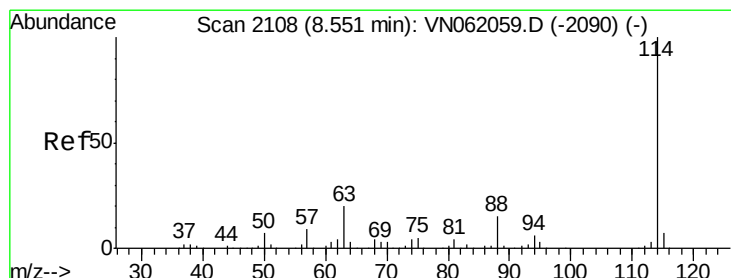
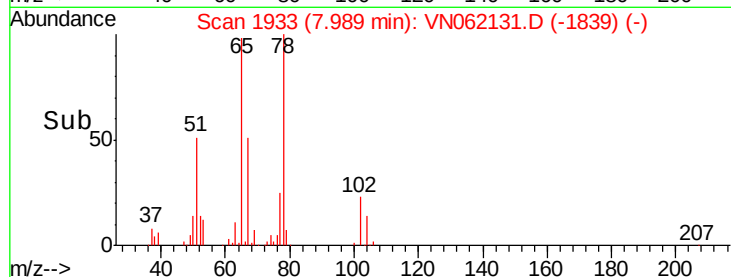
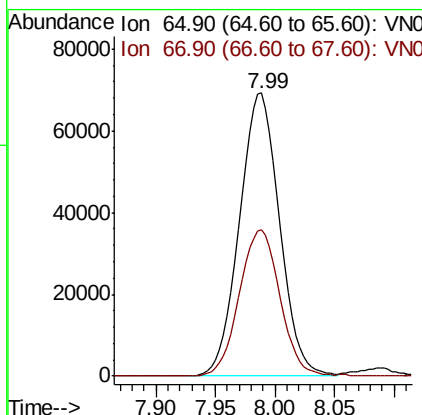
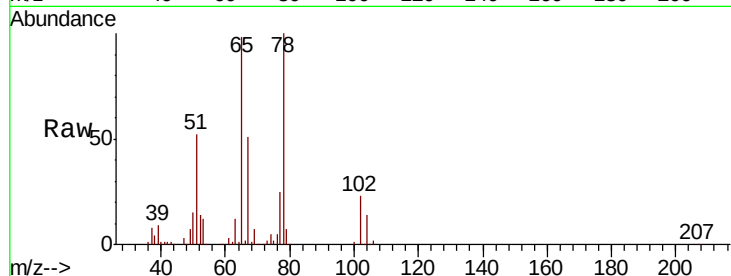




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.843 ug/l  
 RT: 7.99 min Scan# 1933  
 Delta R.T. 0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

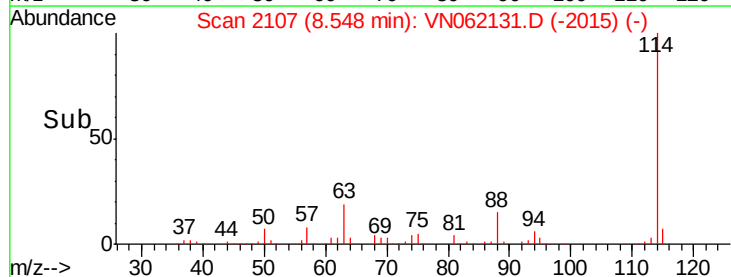
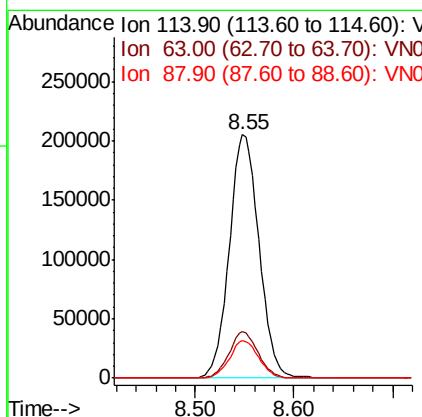
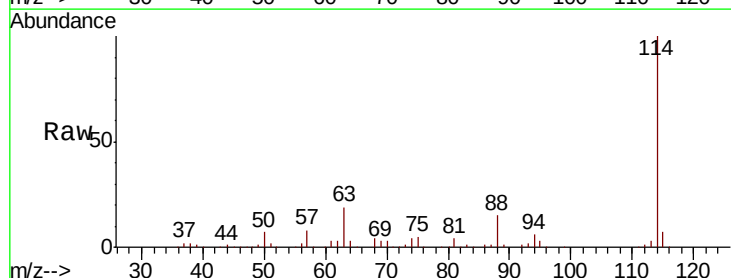
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0626WBS01

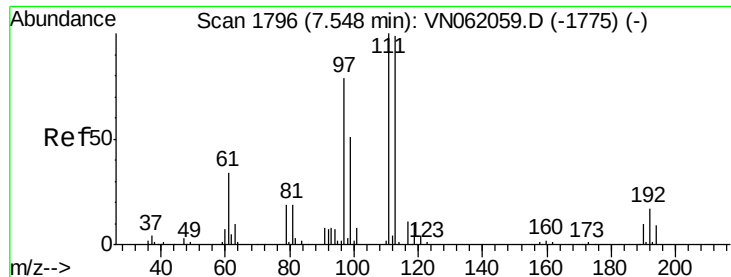
Tot Ion: 65 Resp: 161977  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 106.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2107  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

Tgt Ion: 114 Resp: 430521  
 Ion Ratio Lower Upper  
 114 100  
 63 18.9 0.0 39.2  
 88 15.4 0.0 30.8

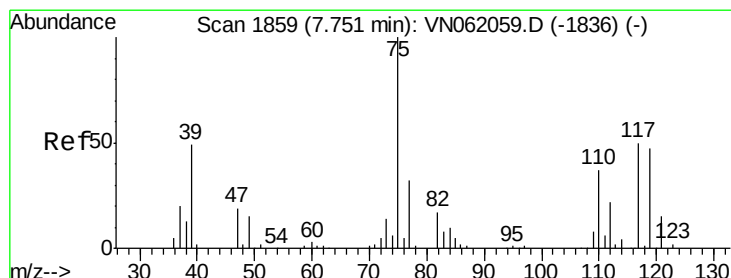
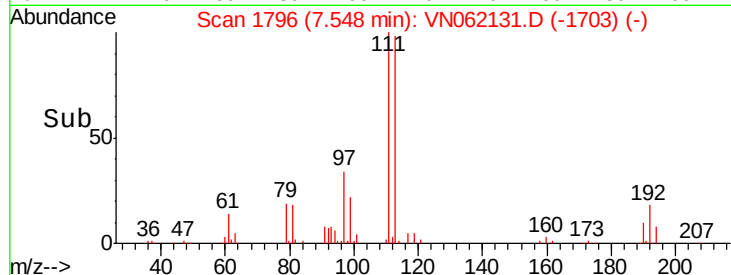
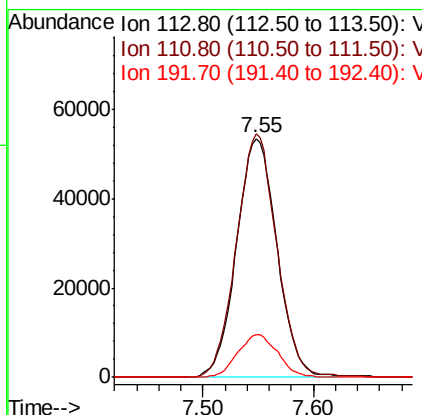
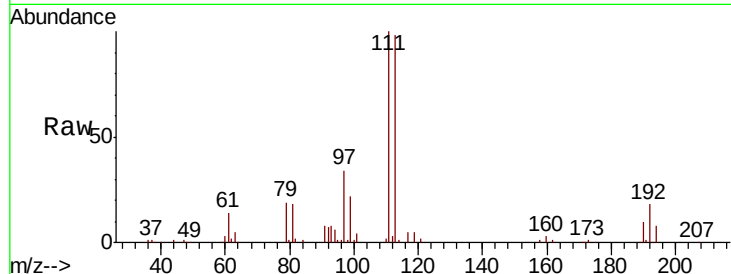




#35  
 Dibromofluoromethane  
 Concen: 49.104 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

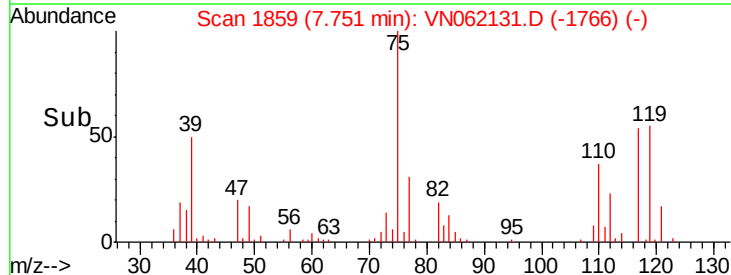
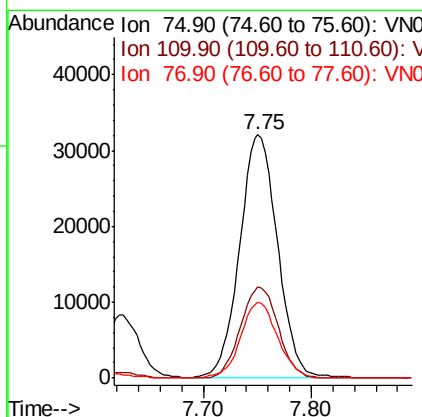
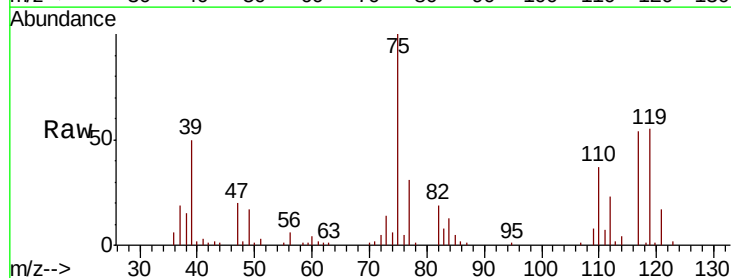
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0626WBS01

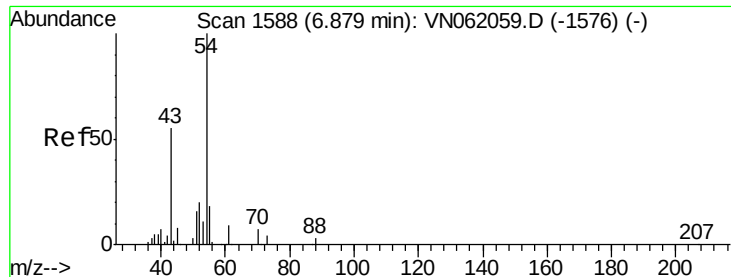
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.8 | 82.2  | 123.4 |
| 192     | 17.8  | 14.0  | 21.0  |



#36  
 1,1-Dichloropropene  
 Concen: 18.127 ug/l  
 RT: 7.75 min Scan# 1859  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.0  | 17.9  | 53.8  |
| 77      | 30.5  | 24.9  | 37.3  |

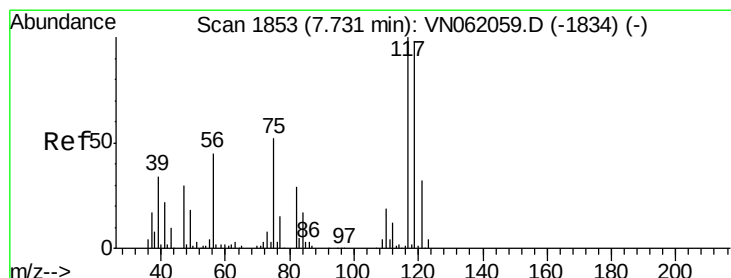
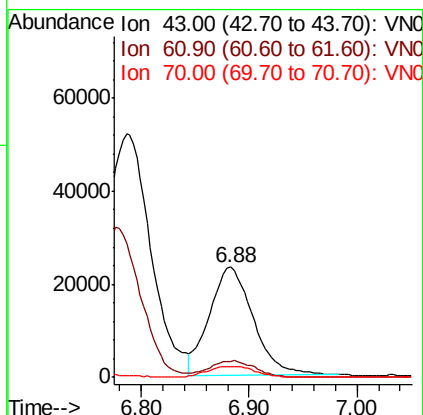
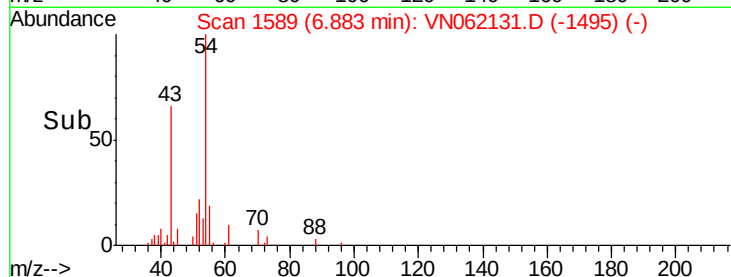
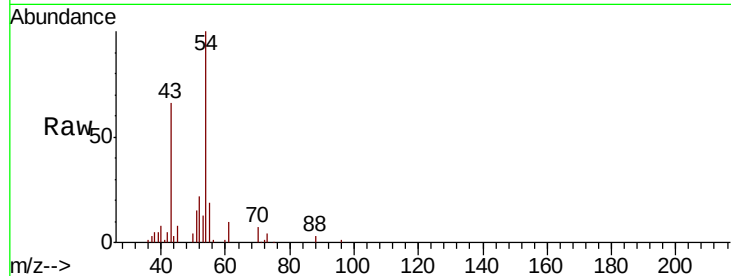




#37  
Ethyl Acetate  
Concen: 18.564 ug/l  
RT: 6.88 min Scan# 1589  
Delta R.T. 0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

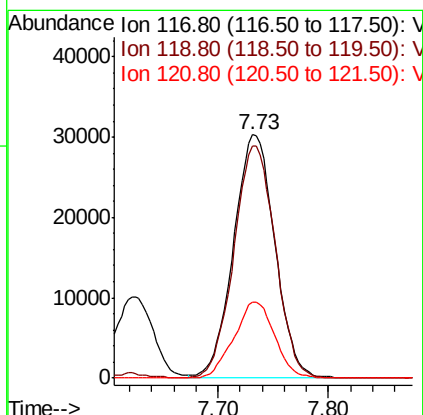
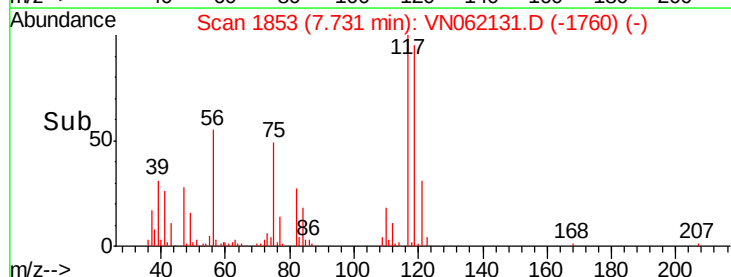
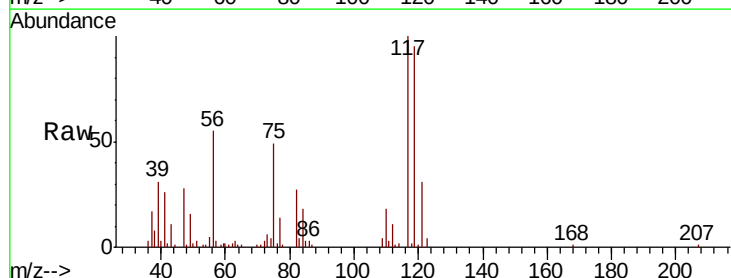
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0626WBS01

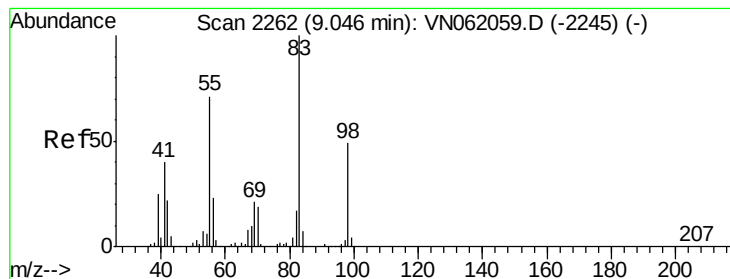
Tot Ion: 43 Resp: 66521  
Ion Ratio Lower Upper  
43 100  
61 15.9 12.0 18.0  
70 5.0 9.6 14.4#



#38  
Carbon Tetrachloride  
Concen: 19.323 ug/l  
RT: 7.73 min Scan# 1853  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Tgt Ion: 117 Resp: 78835  
Ion Ratio Lower Upper  
117 100  
119 95.1 78.2 117.2  
121 31.1 25.8 38.6





#39

Methylvlcyclohexane

Concen: 18.051 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0626WBS01

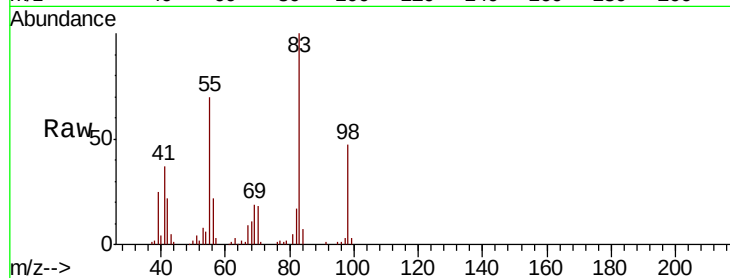
Tot Ion: 83 Resp: 85590

Ion Ratio Lower Upper

83 100

55 70.0 57.0 85.6

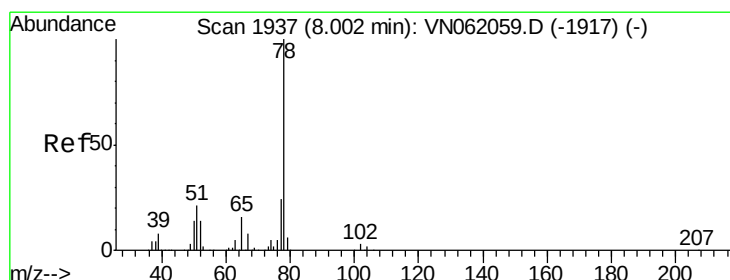
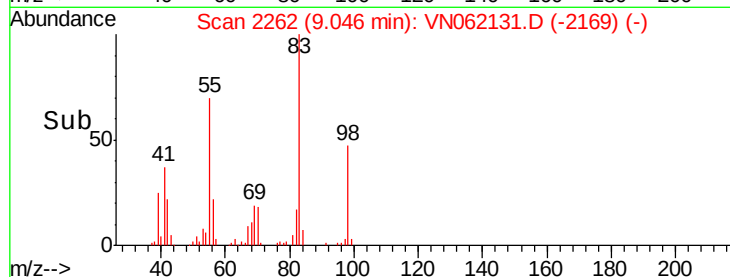
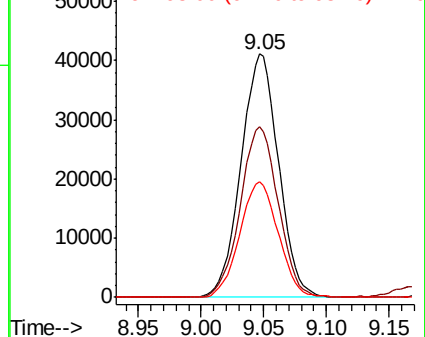
98 47.4 39.0 58.6



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 18.107 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN062131.D

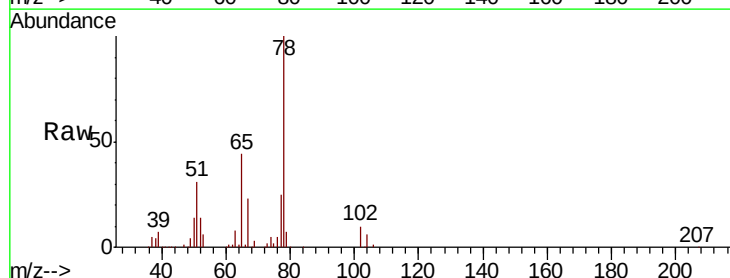
Acq: 26 Jun 2020 11:42

Tgt Ion: 78 Resp: 238827

Ion Ratio Lower Upper

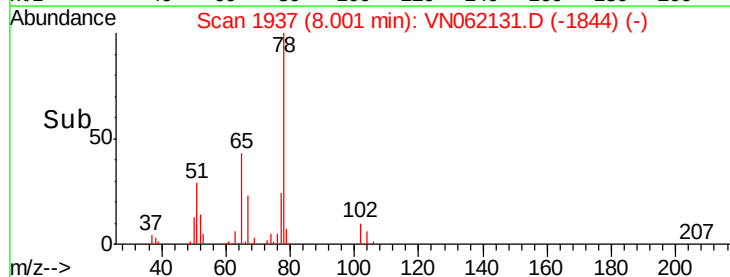
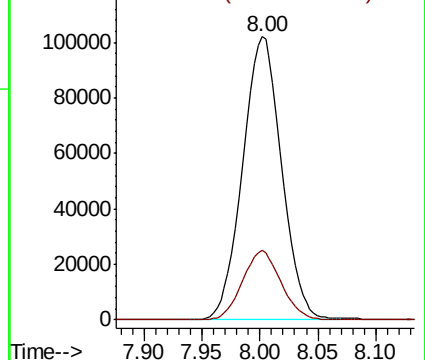
78 100

77 24.5 19.5 29.3

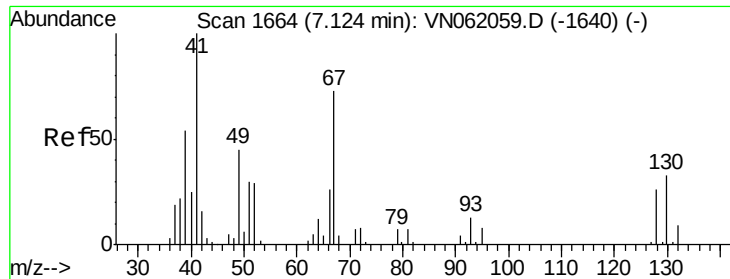


Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



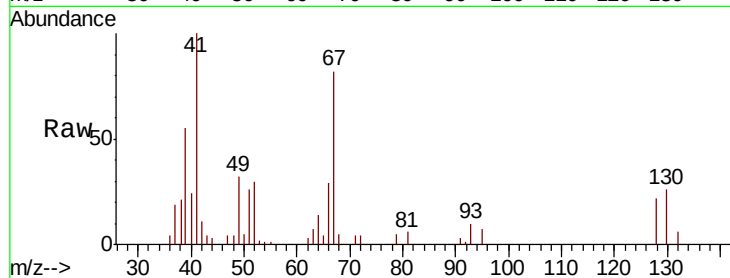




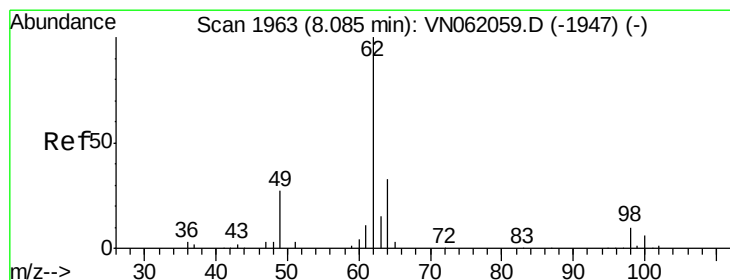
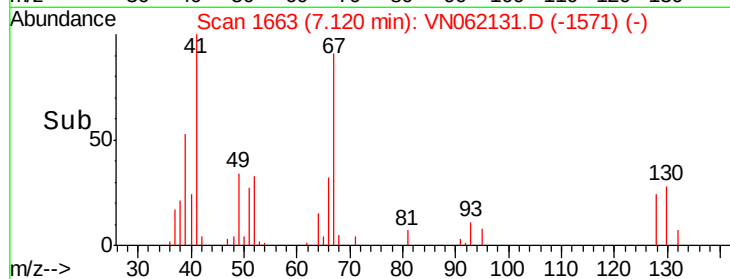
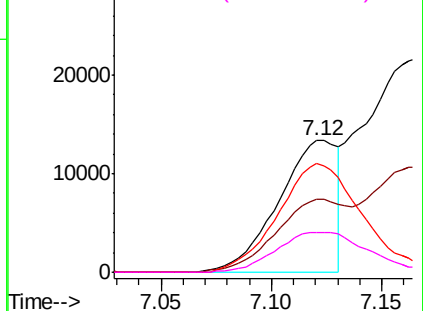
#41  
Methacrylonitrile  
Concen: 14.964 ug/l  
RT: 7.12 min Scan# 1663  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0626WBS01

Tot Ion: 41 Resp: 24858  
Ion Ratio Lower Upper  
41 100  
39 67.4 44.2 66.2#  
67 118.4 79.5 119.3  
52 47.9 32.3 48.5

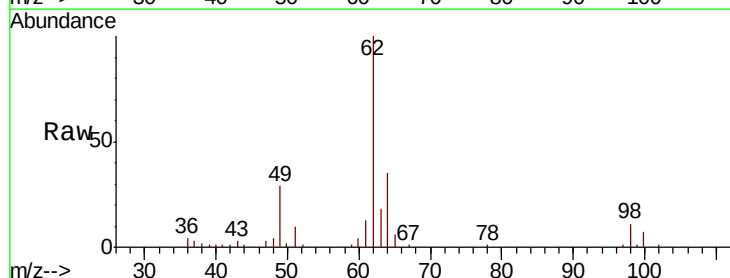


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

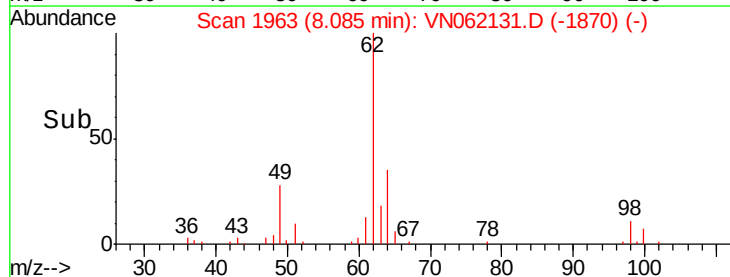
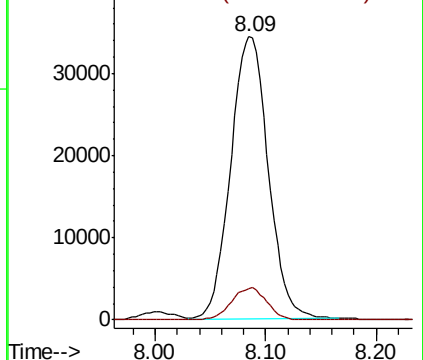


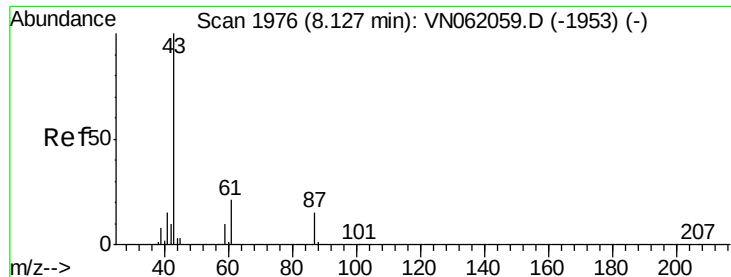
#42  
1,2-Dichloroethane  
Concen: 18.203 ug/l  
RT: 8.09 min Scan# 1963  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Tgt Ion: 62 Resp: 81116  
Ion Ratio Lower Upper  
62 100  
98 10.6 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: 18.631 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0626WBS01

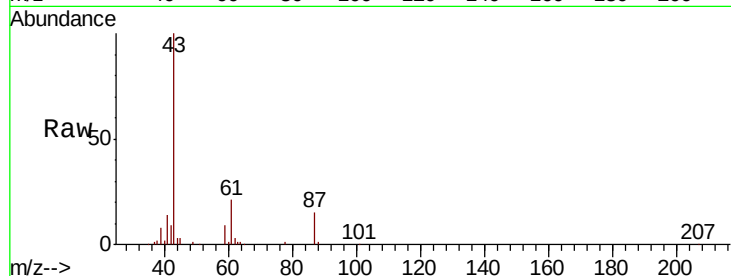
Tot Ion: 43 Resp: 108831

Ion Ratio Lower Upper

43 100

61 22.3 17.2 25.8

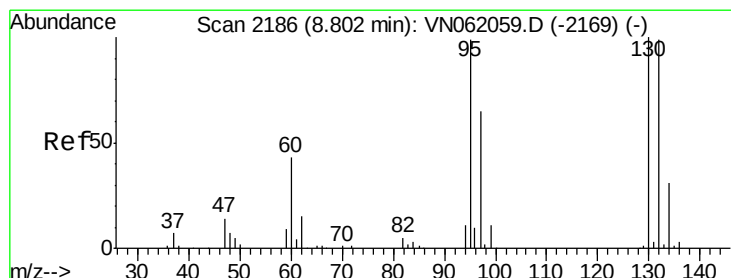
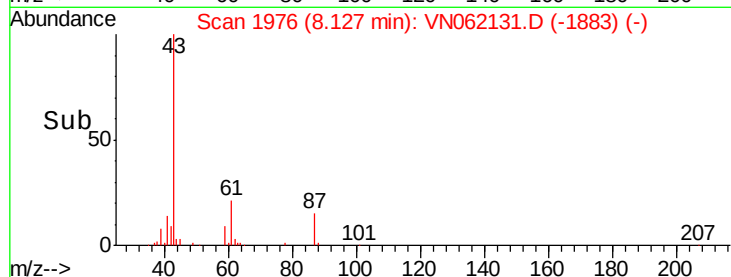
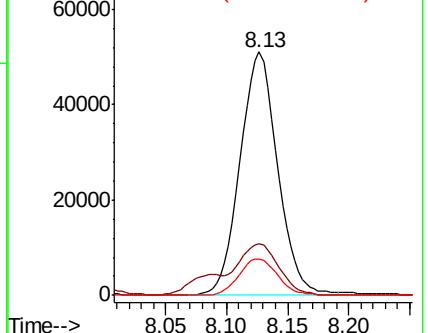
87 15.4 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062131.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062131.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062131.D (-1953) (-)



#44

Trichloroethene

Concen: 18.844 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062131.D

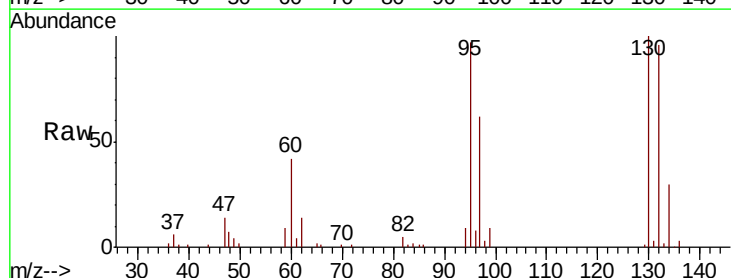
Acq: 26 Jun 2020 11:42

Tgt Ion: 130 Resp: 62697

Ion Ratio Lower Upper

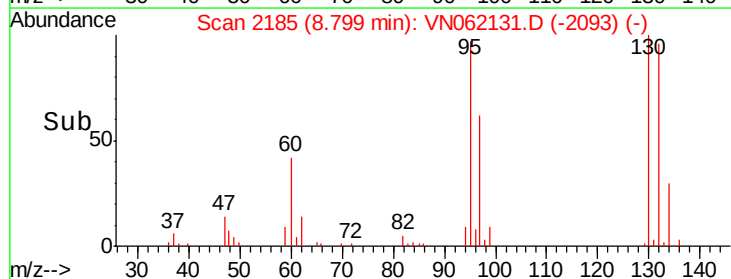
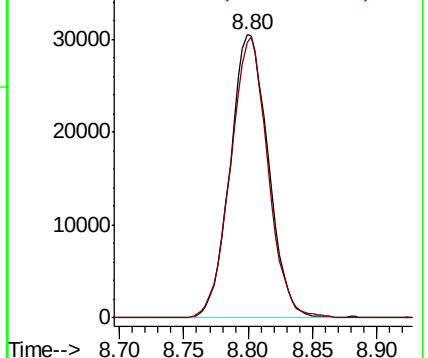
130 100

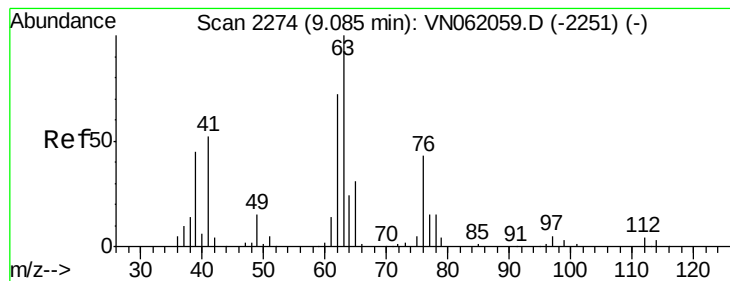
95 97.2 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062131.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062131.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 18.472 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampleId :

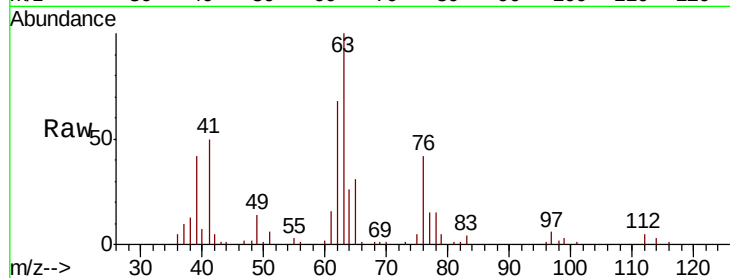
VN0626WBS01

Tot Ion: 63 Resp: 60107

Ion Ratio Lower Upper

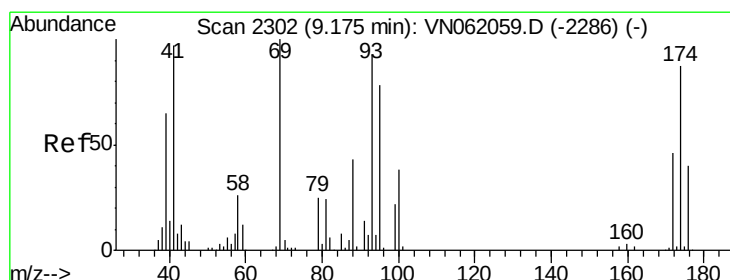
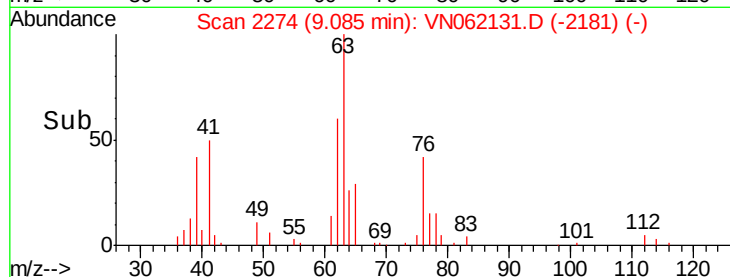
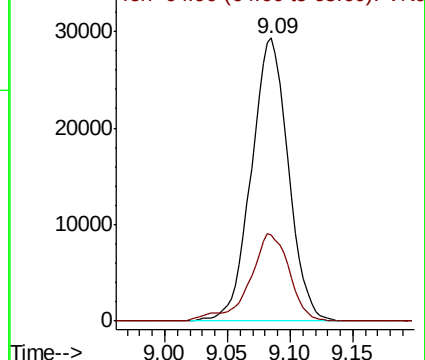
63 100

65 30.7 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.950 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

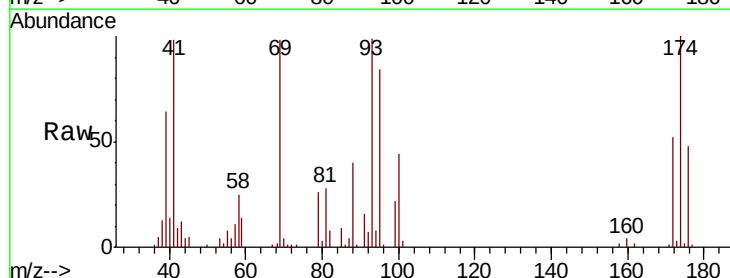
Tgt Ion: 93 Resp: 41807

Ion Ratio Lower Upper

93 100

95 81.6 67.0 100.6

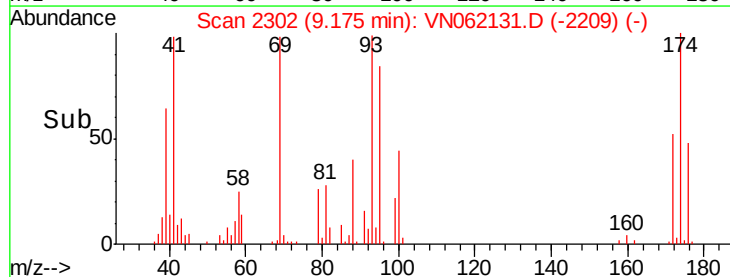
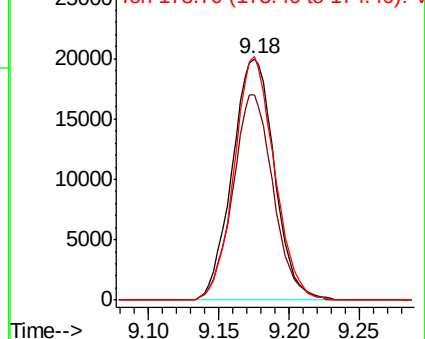
174 96.1 74.4 111.6

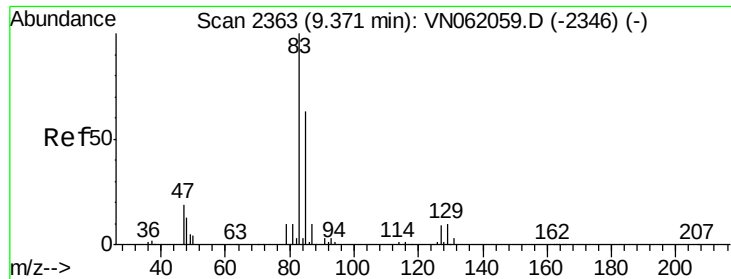


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

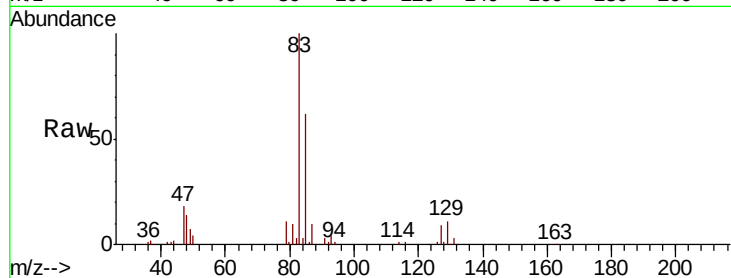




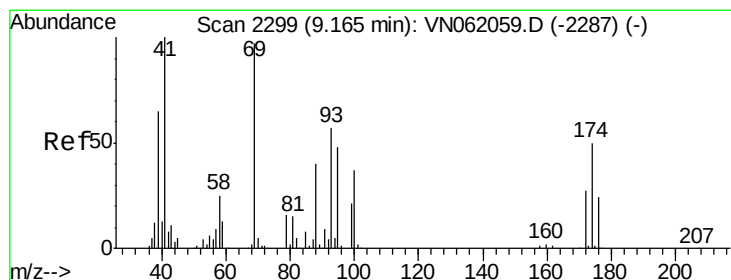
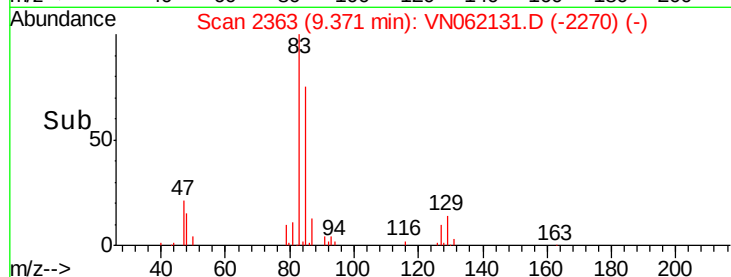
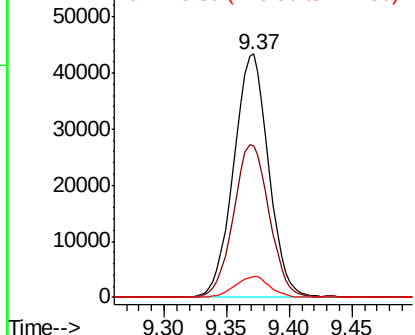
#47  
Bromodichloromethane  
Concen: 18.886 ug/l  
RT: 9.37 min Scan# 2363  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0626WBS01

Tot Ion: 83 Resp: 84130  
Ion Ratio Lower Upper  
83 100  
85 62.1 50.3 75.5  
127 8.6 6.9 10.3

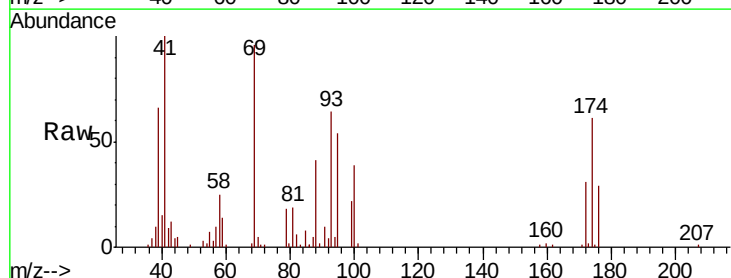


Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): V

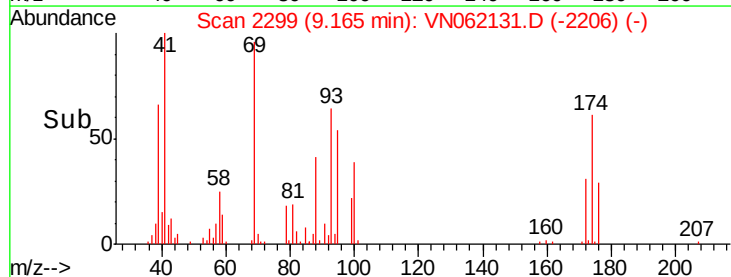
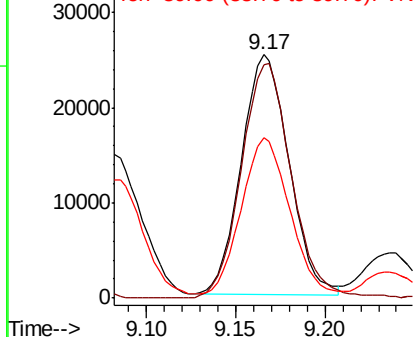


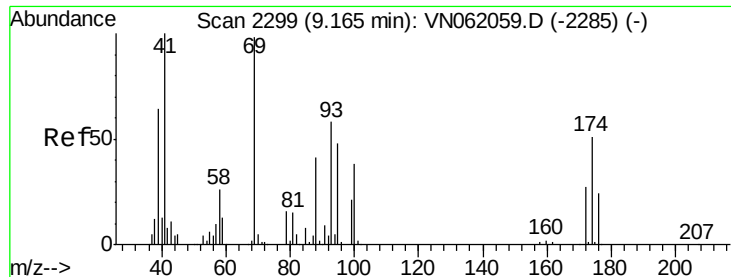
#48  
Methyl methacrylate  
Concen: 18.072 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Tgt Ion: 41 Resp: 47333  
Ion Ratio Lower Upper  
41 100  
69 101.9 80.7 121.1  
39 68.0 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0

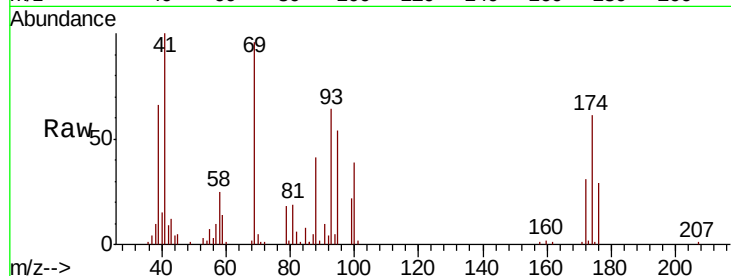




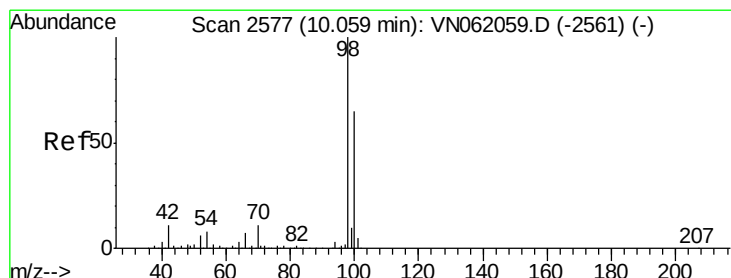
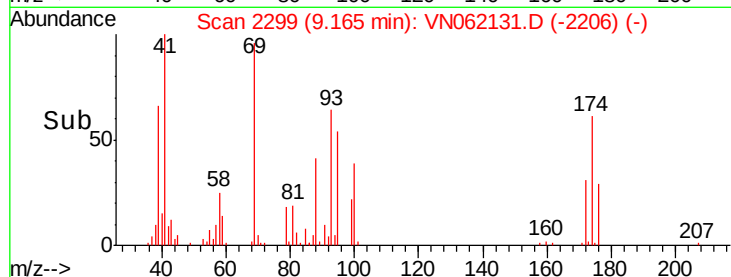
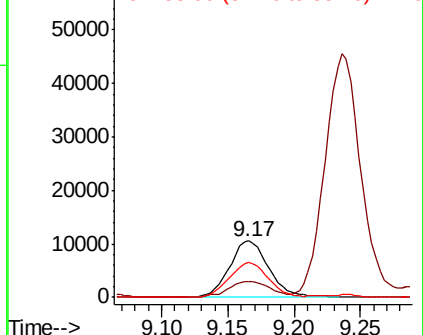
#49  
1,4-Dioxane  
Concen: 374.333 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0626WBS01

Tot Ion: 88 Resp: 21742  
Ion Ratio Lower Upper  
88 100  
43 29.9 22.0 33.0  
58 61.1 49.2 73.8

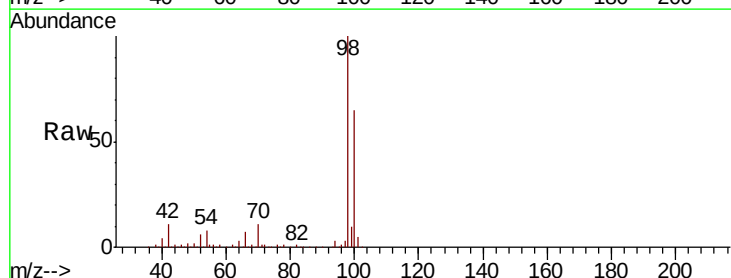


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

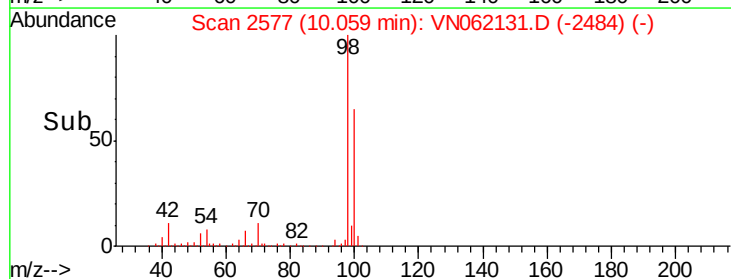
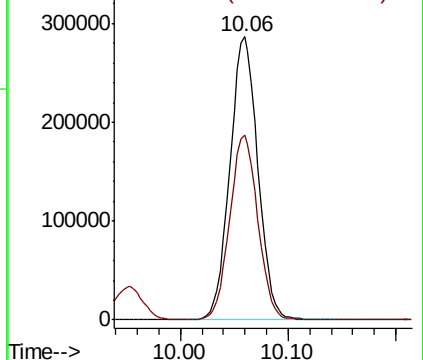


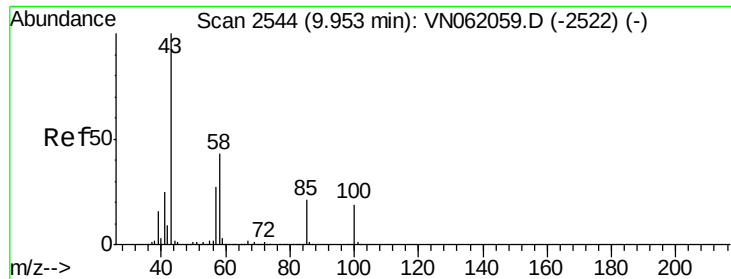
#50  
Toluene-d8  
Concen: 47.011 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Tgt Ion: 98 Resp: 519028  
Ion Ratio Lower Upper  
98 100  
100 65.2 51.2 76.8



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

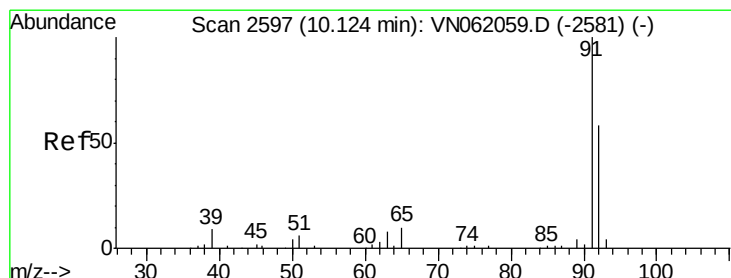
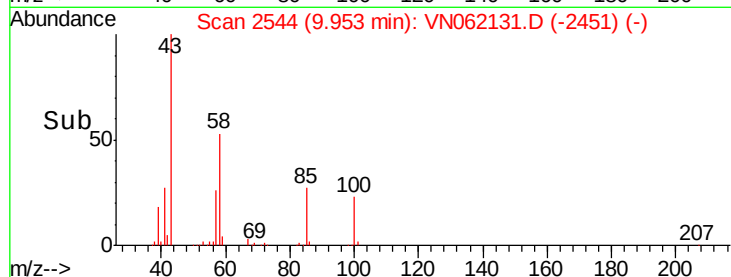
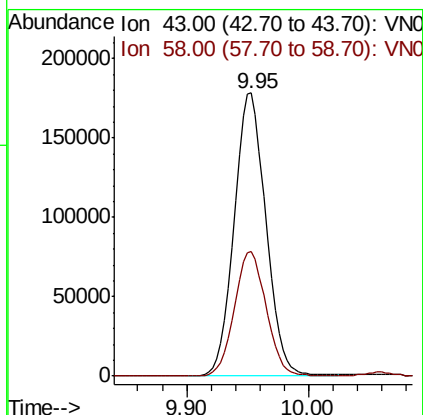
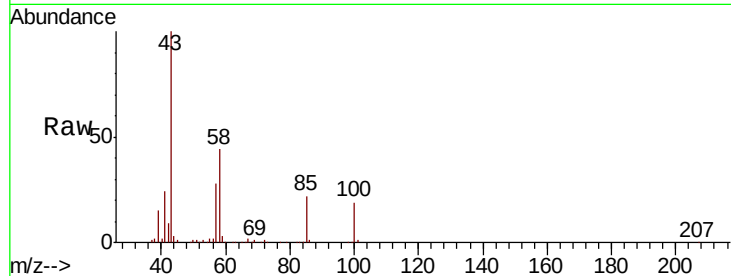




#51  
 4-Methyl-2-Pentanone  
 Concen: 94.395 ug/l  
 RT: 9.95 min Scan# 2544  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

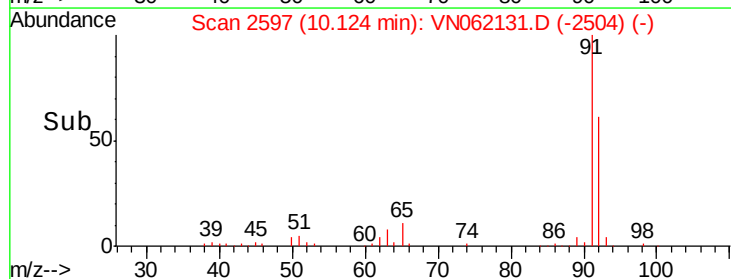
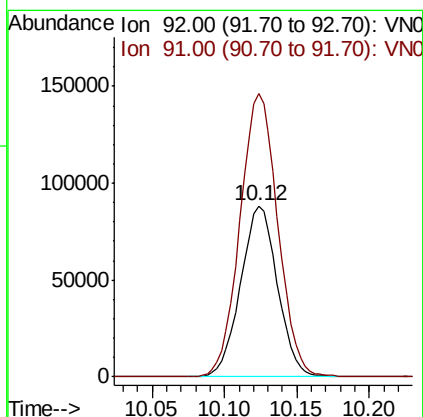
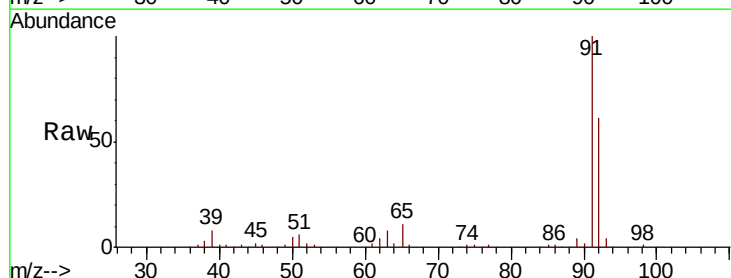
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0626WBS01

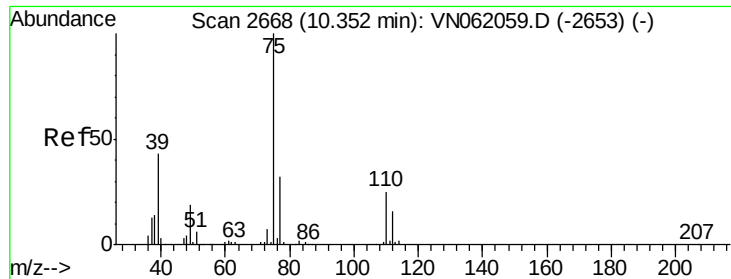
Tot Ion: 43 Resp: 322158  
 Ion Ratio Lower Upper  
 43 100  
 58 44.0 34.2 51.2



#52  
 Toluene  
 Concen: 19.472 ug/l  
 RT: 10.12 min Scan# 2597  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

Tgt Ion: 92 Resp: 156707  
 Ion Ratio Lower Upper  
 92 100  
 91 169.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 18.570 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampled :

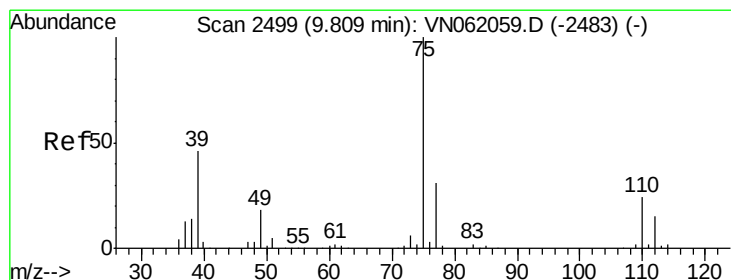
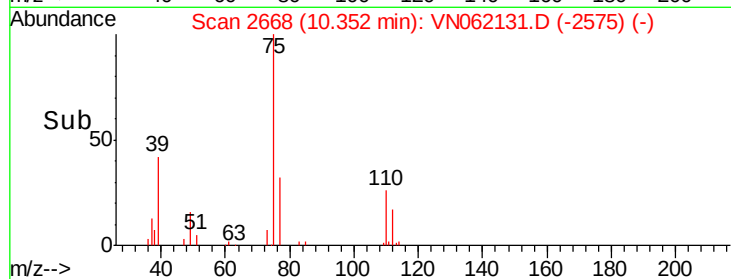
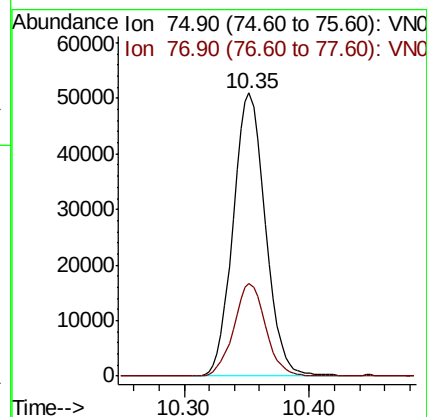
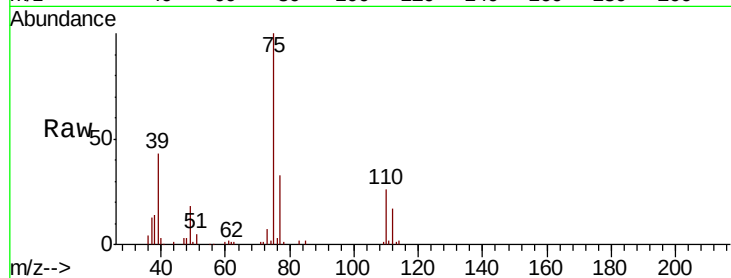
VN0626WBS01

Tot Ion: 75 Resp: 91010

Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 19.050 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

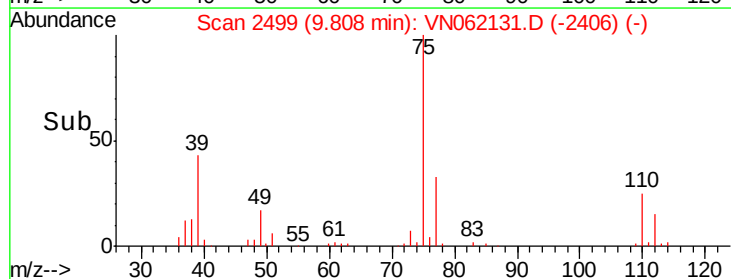
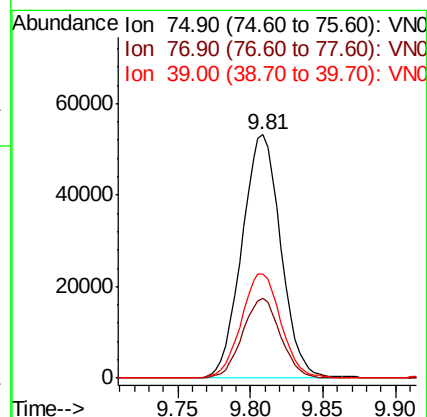
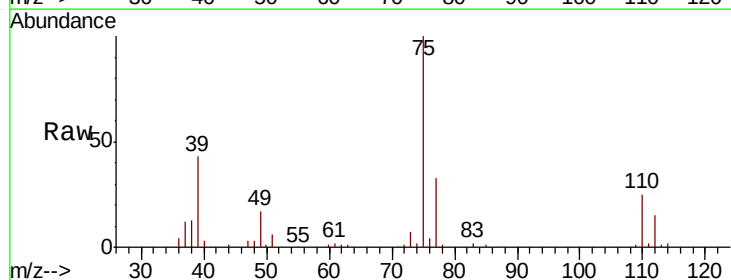
Tgt Ion: 75 Resp: 99396

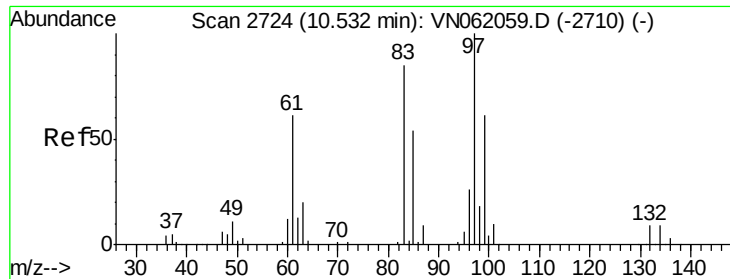
Ion Ratio Lower Upper

75 100

77 32.9 25.0 37.6

39 42.8 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 19.448 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampled :

VN0626WBS01

Tot Ion: 97 Resp: 61525

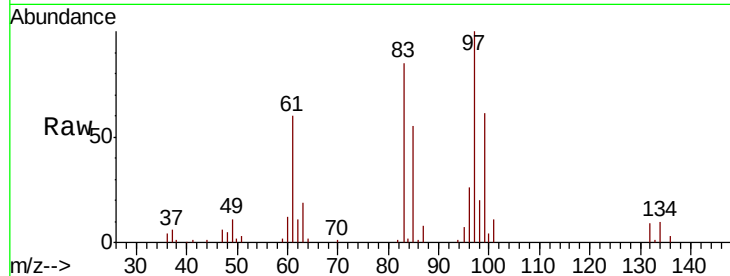
Ion Ratio Lower Upper

97 100

83 85.0 68.2 102.2

85 55.1 43.2 64.8

99 61.2 48.5 72.7



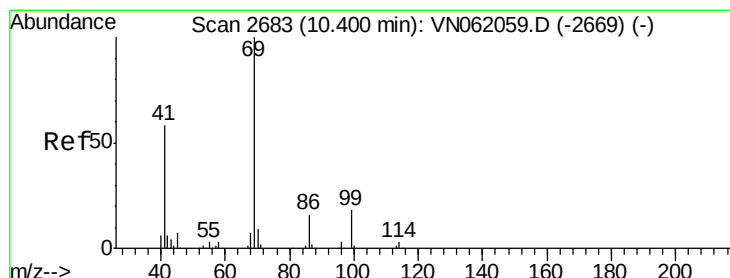
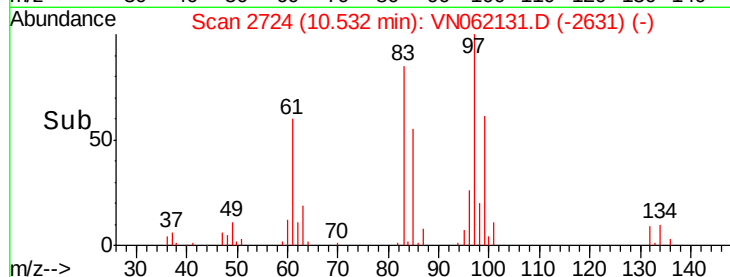
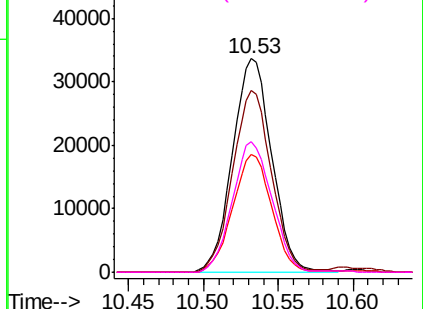
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.137 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

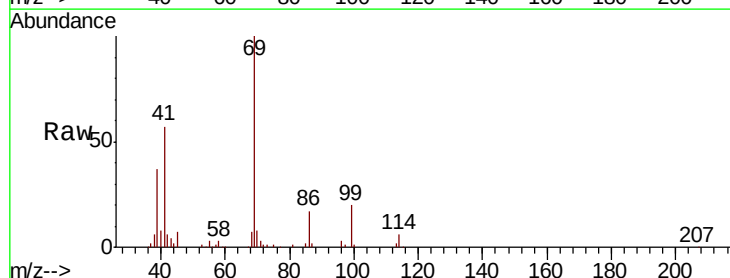
Tgt Ion: 69 Resp: 80791

Ion Ratio Lower Upper

69 100

41 56.0 46.6 70.0

39 35.7 31.0 46.4

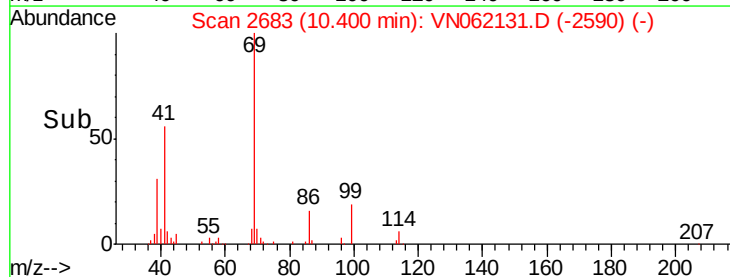
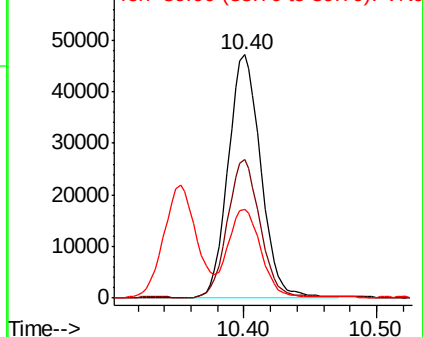


Abundance

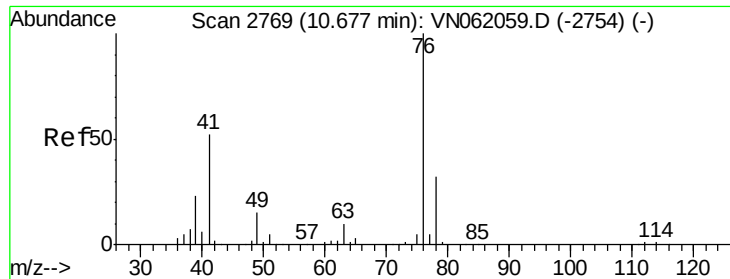
Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



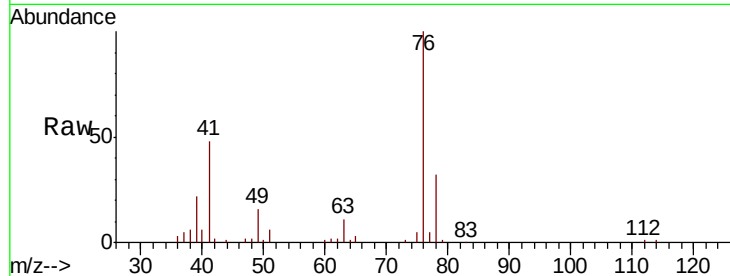




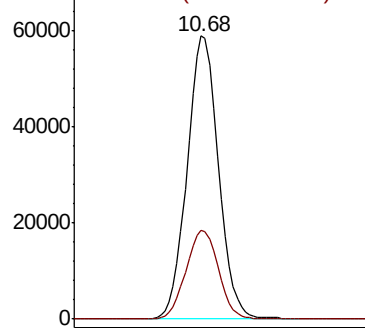
#57  
 1,3-Dichloropropane  
 Concen: 18.760 ug/l  
 RT: 10.68 min Scan# 2769  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0626WBS01

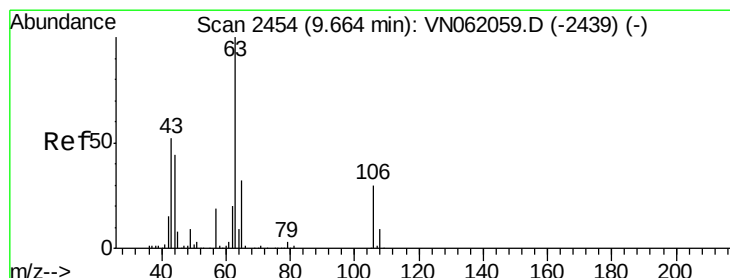
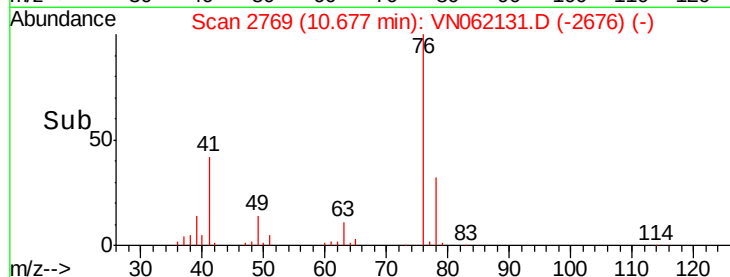
Tot Ion: 76 Resp: 102148  
 Ion Ratio Lower Upper  
 76 100  
 78 32.5 25.8 38.8



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

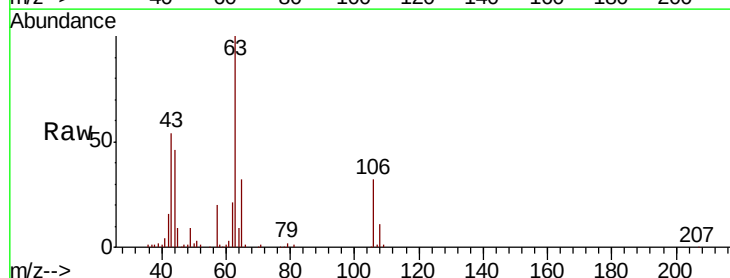


Time-->

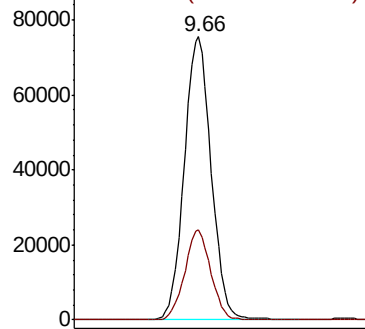


#58  
 2-Chloroethyl Vinyl ether  
 Concen: 87.619 ug/l  
 RT: 9.66 min Scan# 2454  
 Delta R.T. 0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

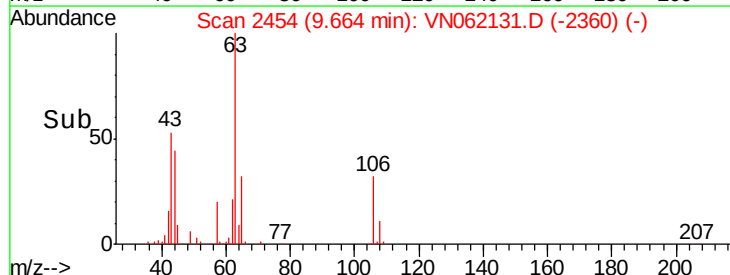
Tgt Ion: 63 Resp: 137397  
 Ion Ratio Lower Upper  
 63 100  
 106 30.7 23.2 34.8

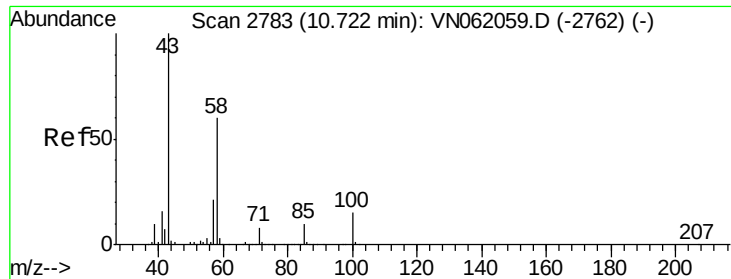


Abundance Ion 62.90 (62.60 to 63.60): VN0  
 Ion 105.90 (105.60 to 106.60): V



Time-->

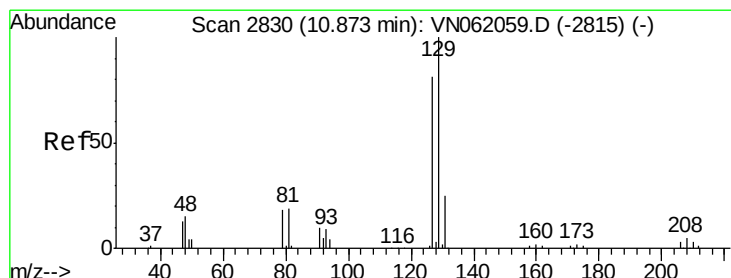
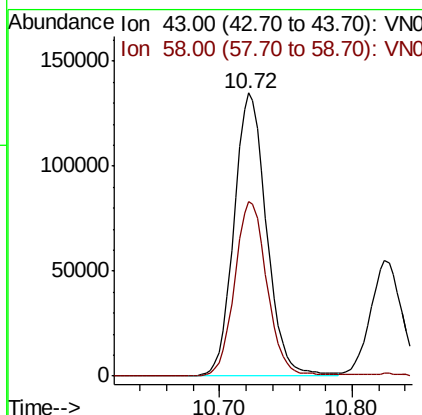
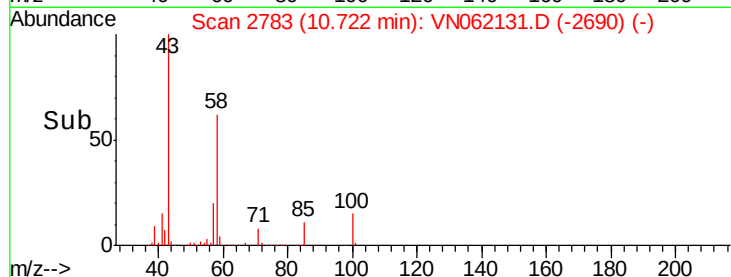
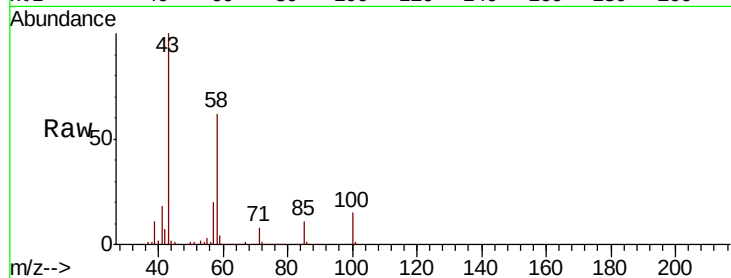




#59  
2-Hexanone  
Concen: 93.279 ug/l  
RT: 10.72 min Scan# 2783  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

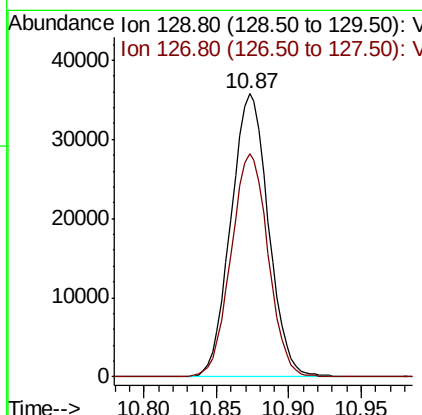
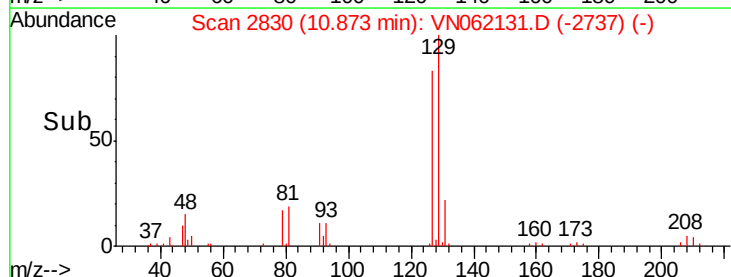
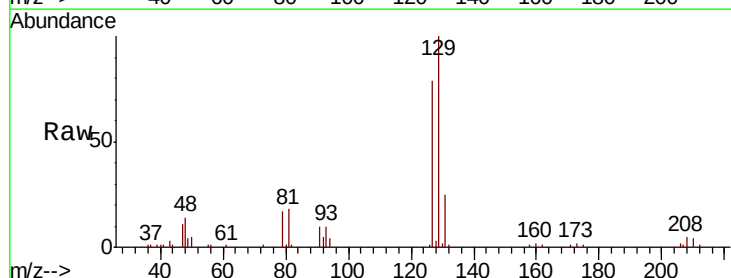
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0626WBS01

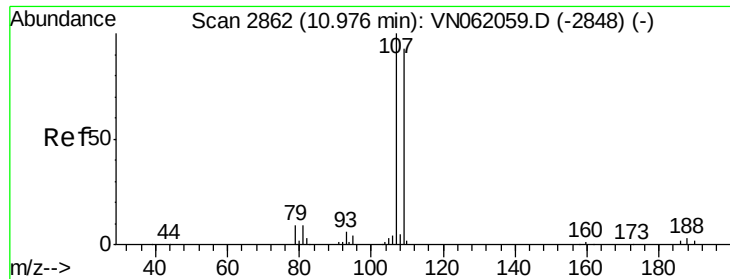
Tot Ion: 43 Resp: 229878  
Ion Ratio Lower Upper  
43 100  
58 61.2 29.5 88.5



#60  
Dibromochloromethane  
Concen: 19.206 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Tgt Ion: 129 Resp: 64325  
Ion Ratio Lower Upper  
129 100  
127 77.8 39.5 118.5

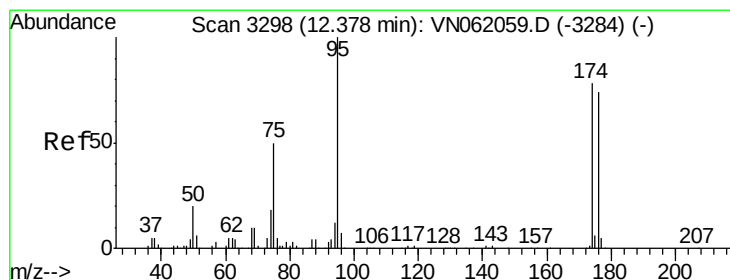
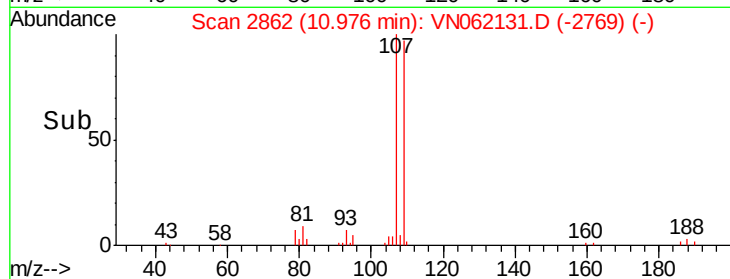
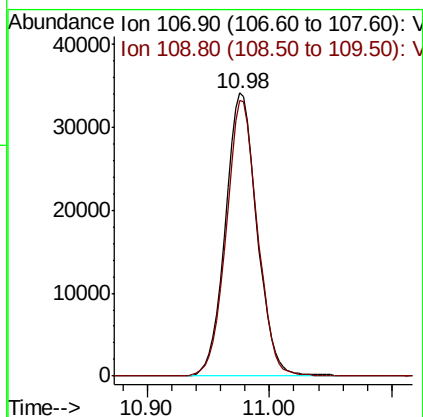
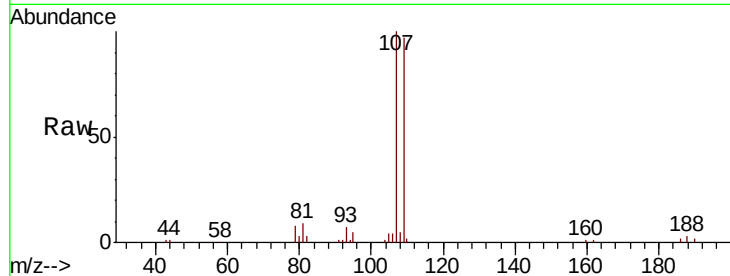




#61  
 1,2-Dibromoethane  
 Concen: 19.028 ug/l  
 RT: 10.98 min Scan# 2862  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

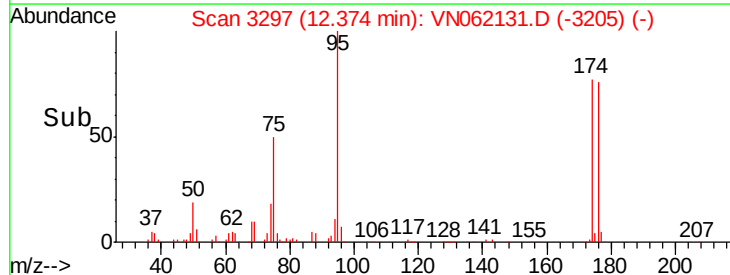
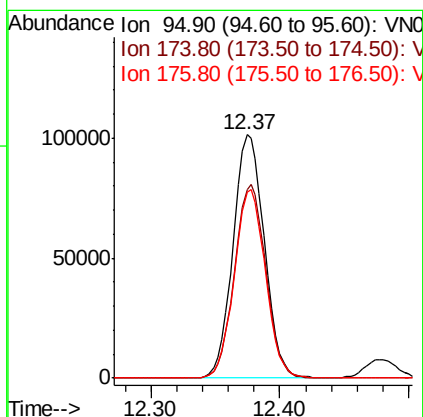
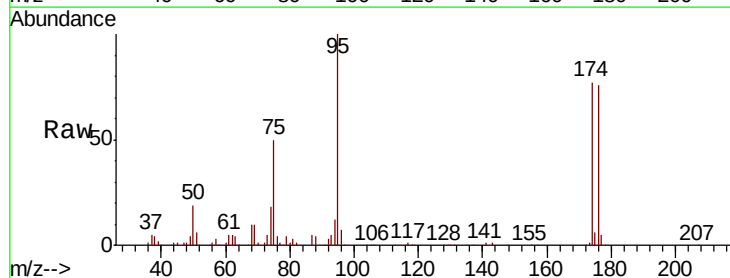
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0626WBS01

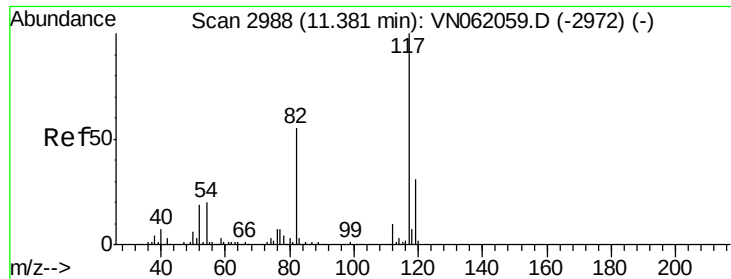
Tot Ion:107 Resp: 61850  
 Ion Ratio Lower Upper  
 107 100  
 109 95.9 75.0 112.6



#62  
 4-Bromofluorobenzene  
 Concen: 45.848 ug/l  
 RT: 12.37 min Scan# 3297  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

Tgt Ion: 95 Resp: 171020  
 Ion Ratio Lower Upper  
 95 100  
 174 79.6 0.0 154.8  
 176 77.2 0.0 147.4

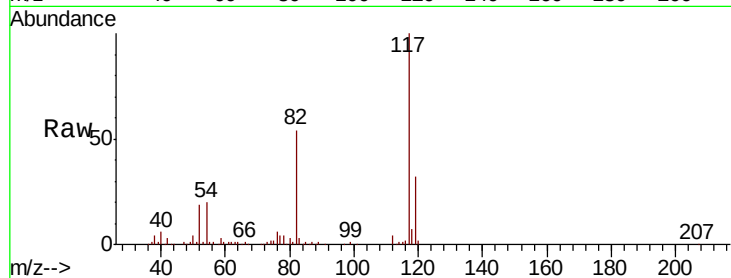




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0626WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.2  | 43.8  | 65.8  |
| 119     | 31.8  | 25.2  | 37.8  |

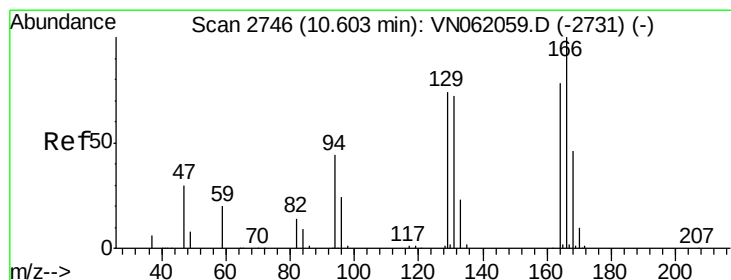
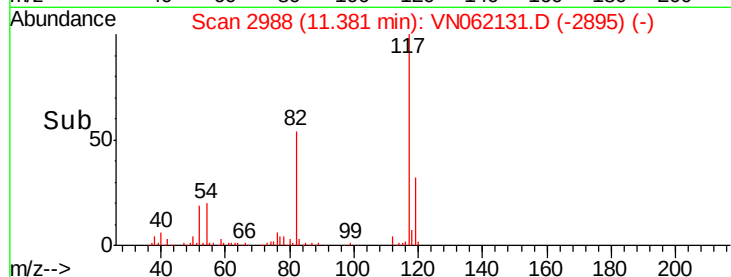
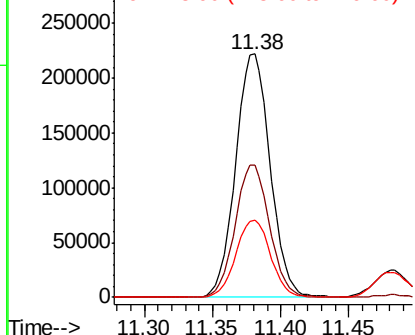


Abundance

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: 20.164 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 126.0 | 102.9 | 154.3 |
| 129     | 92.4  | 75.8  | 113.8 |
| 131     | 92.0  | 73.8  | 110.6 |

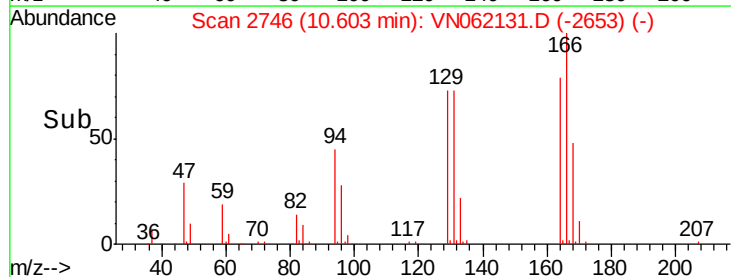
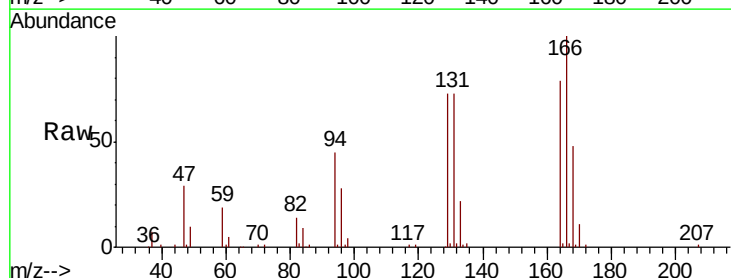
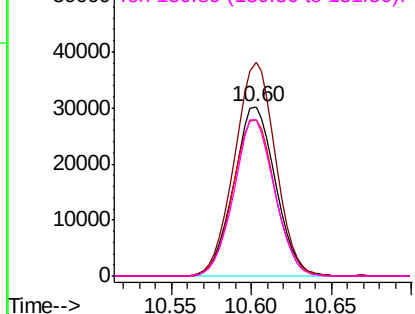
Abundance

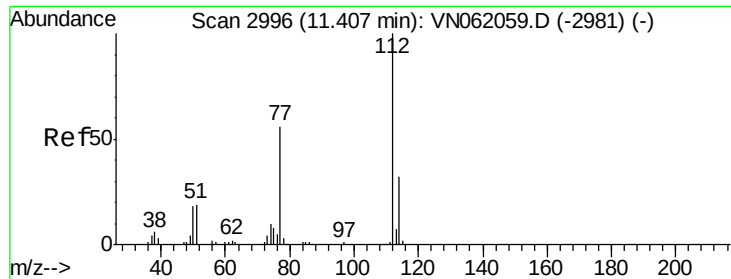
Ion 163.80 (163.50 to 164.50): V

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

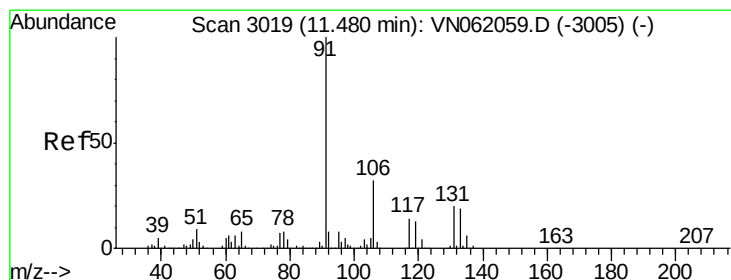
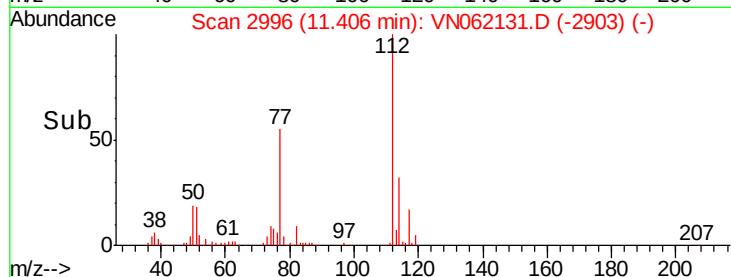
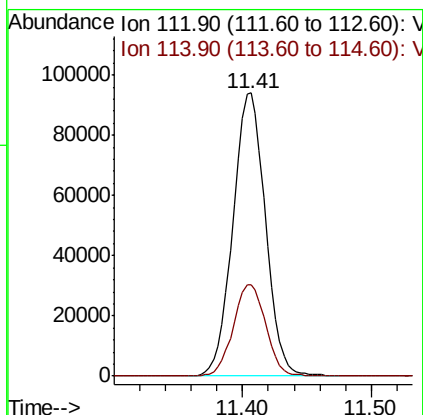
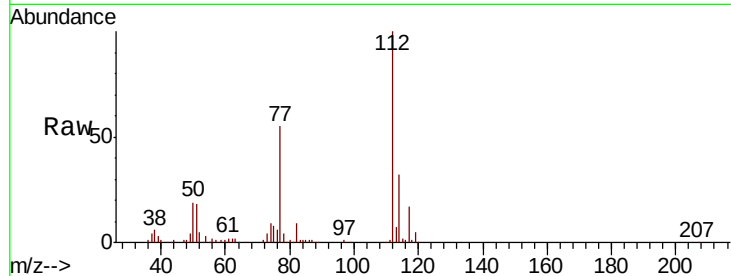




#65  
Chlorobenzene  
Concen: 19.188 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

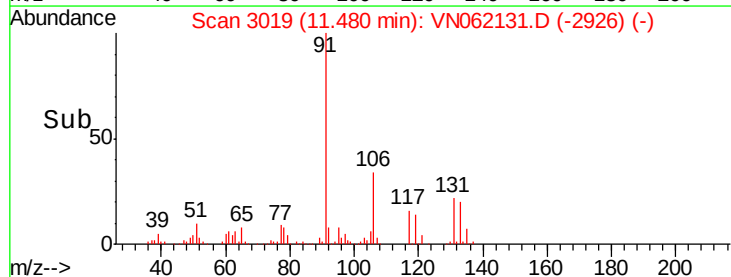
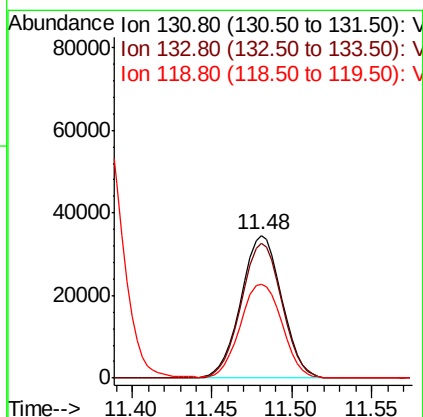
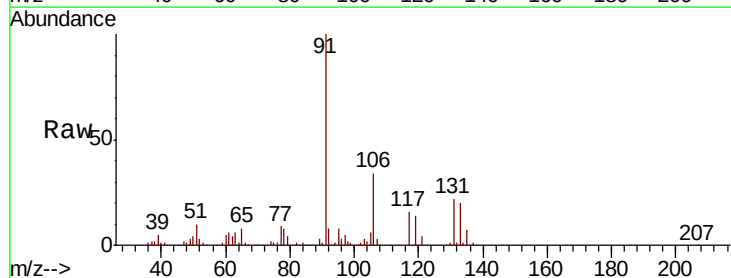
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0626WBS01

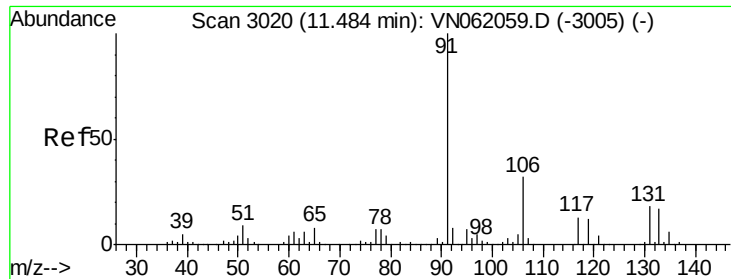
Tot Ion:112 Resp: 164594  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.267 ug/l  
RT: 11.48 min Scan# 3019  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Tgt Ion:131 Resp: 60114  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.6 142.9  
119 67.6 34.4 103.3

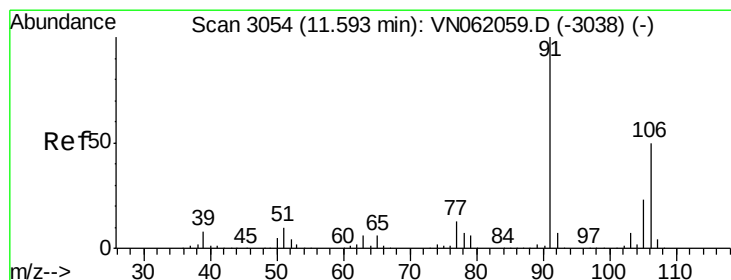
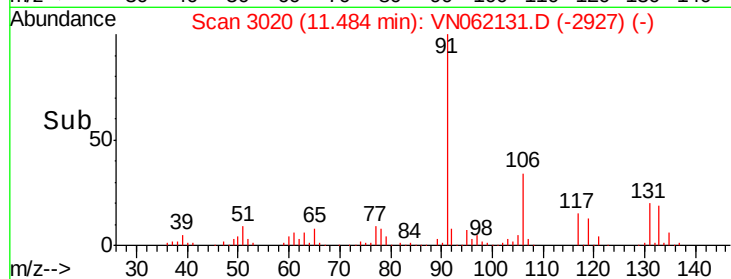
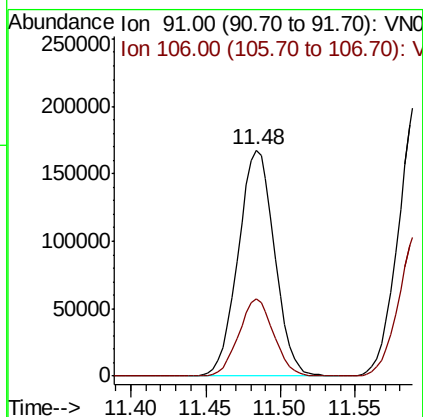
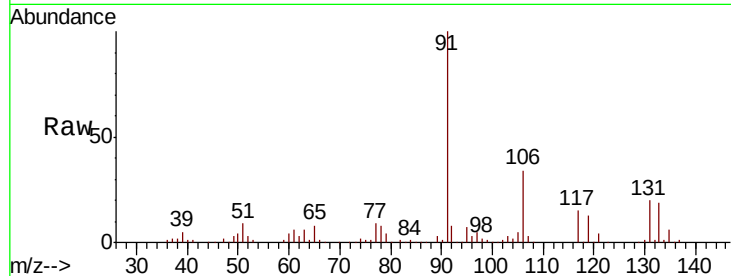




#67  
Ethyl Benzene  
Concen: 19.562 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

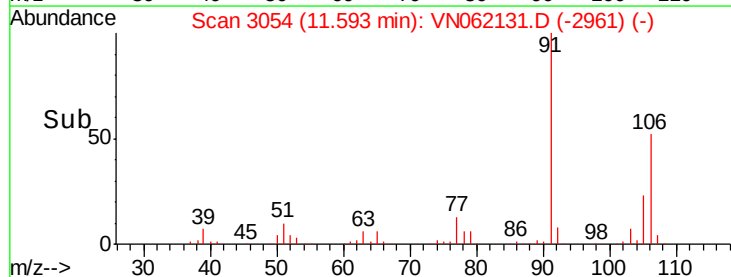
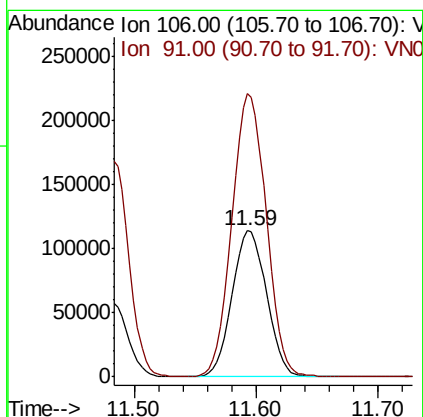
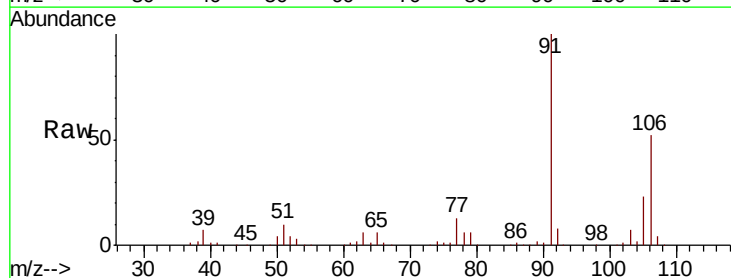
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0626WBS01

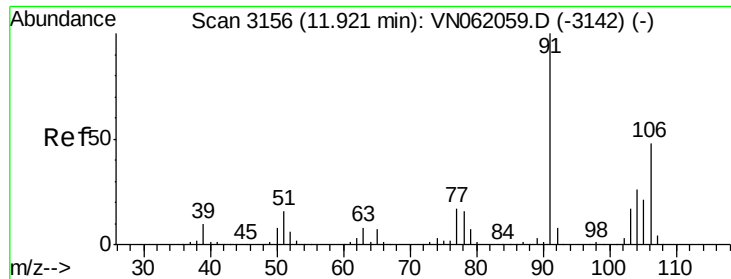
Tot Ion: 91 Resp: 283391  
Ion Ratio Lower Upper  
91 100  
106 34.1 25.3 37.9



#68  
m/p-Xylenes  
Concen: 40.007 ug/l  
RT: 11.59 min Scan# 3054  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Tgt Ion: 106 Resp: 224171  
Ion Ratio Lower Upper  
106 100  
91 192.0 157.8 236.8

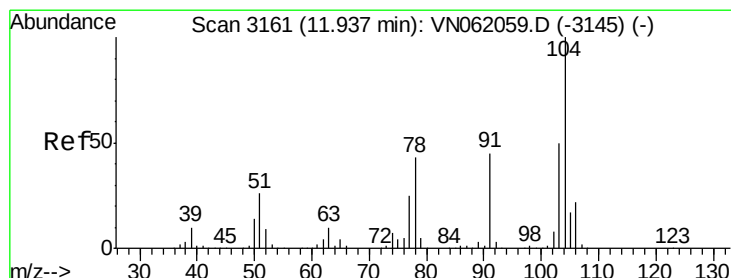
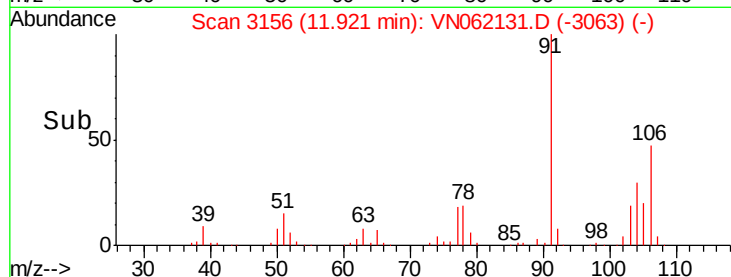
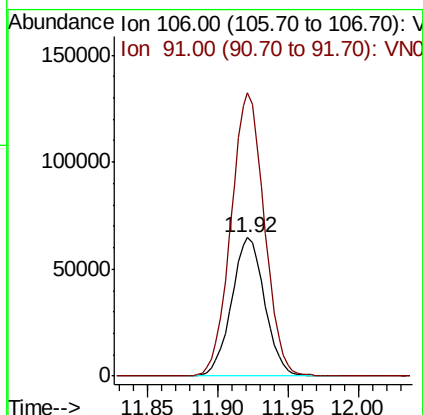
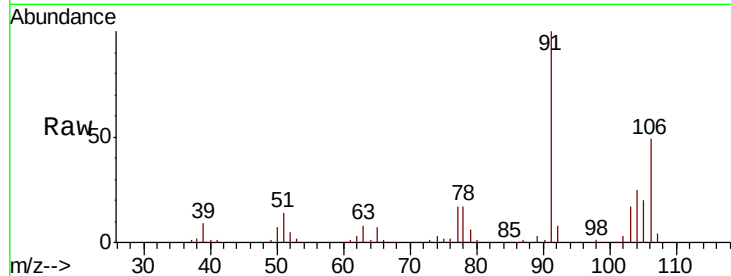




#69  
o-Xylene  
Concen: 20.197 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

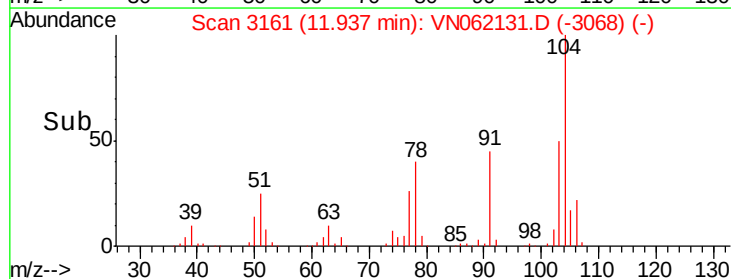
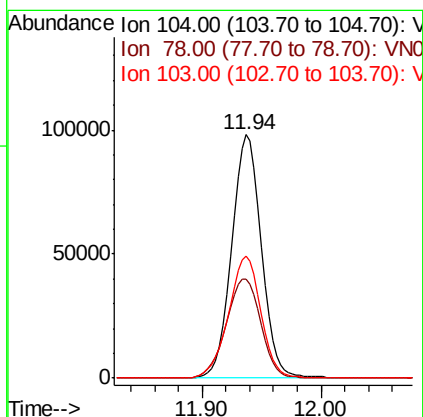
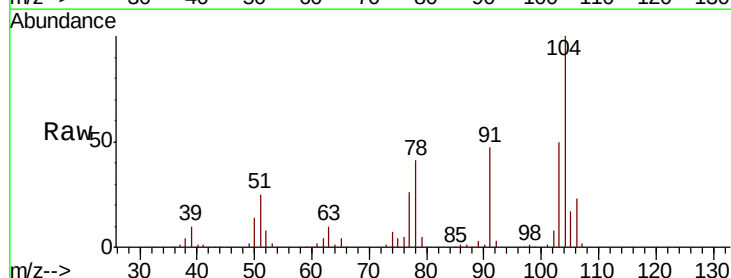
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0626WBS01

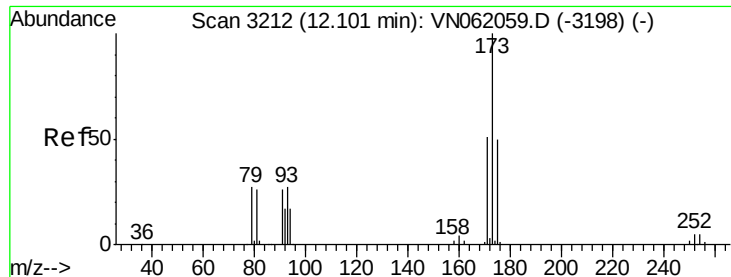
Tot Ion:106 Resp: 106778  
Ion Ratio Lower Upper  
106 100  
91 205.4 104.0 311.9



#70  
Styrene  
Concen: 19.188 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Tgt Ion:104 Resp: 169182  
Ion Ratio Lower Upper  
104 100  
78 47.7 37.7 56.5  
103 54.9 43.0 64.6





#71

Bromoform

Concen: 19.801 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0626WBS01

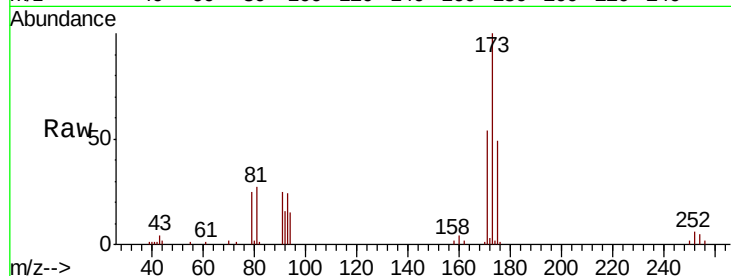
Tot Ion:173 Resp: 41759

Ion Ratio Lower Upper

173 100

175 47.8 24.7 74.1

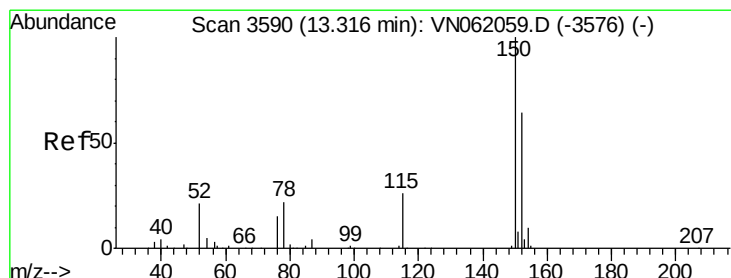
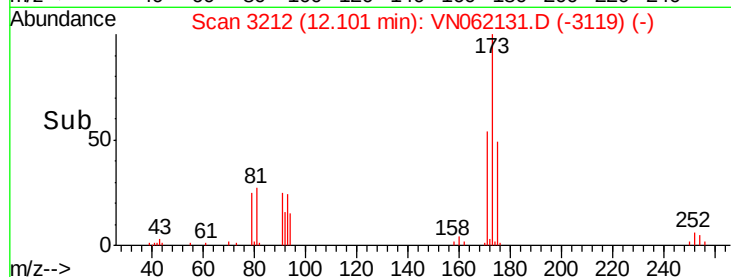
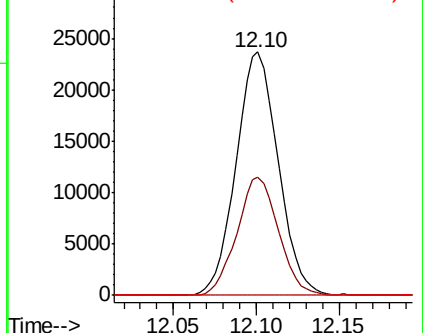
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

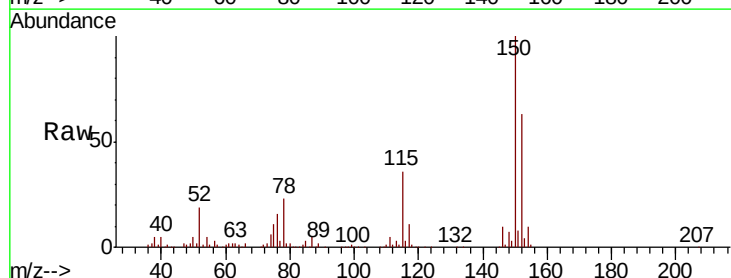
Tgt Ion:152 Resp: 175621

Ion Ratio Lower Upper

152 100

115 57.8 29.5 88.5

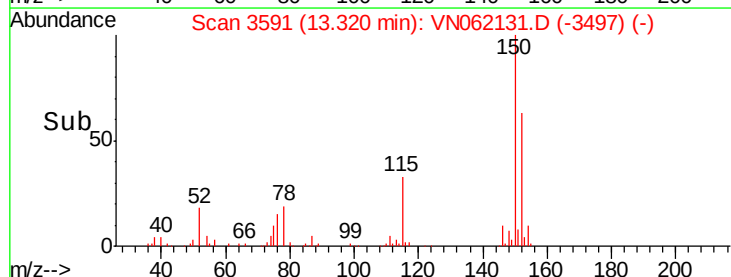
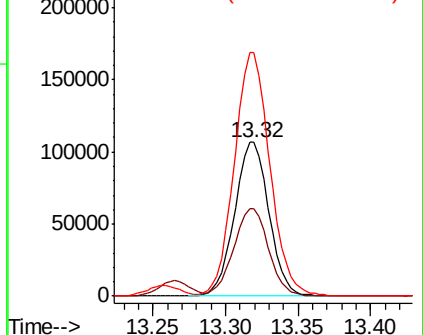
150 163.9 0.0 351.4



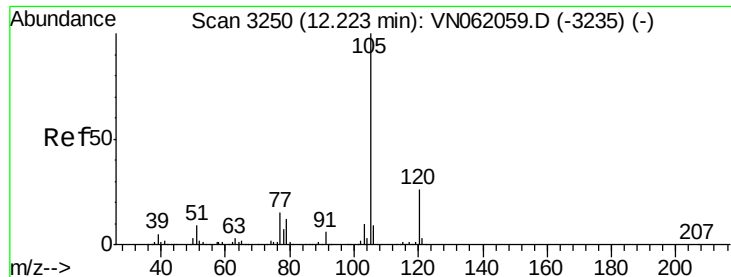
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 20.311 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampleId :

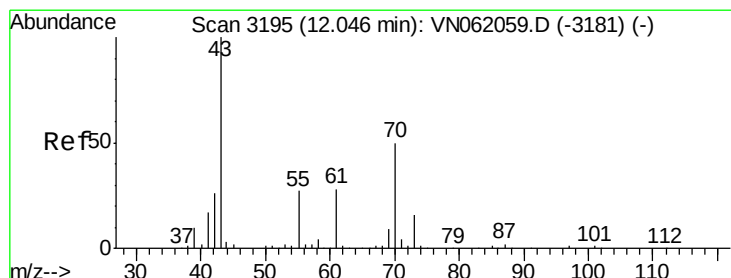
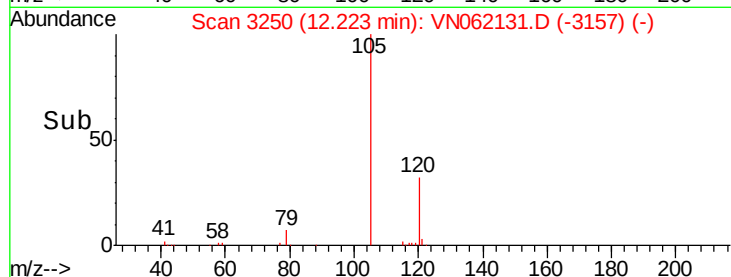
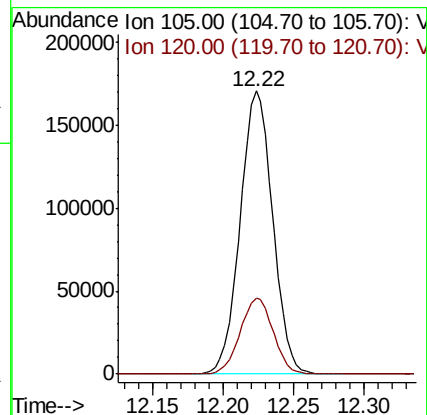
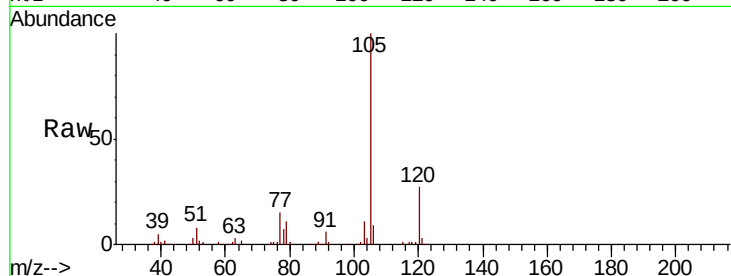
VN0626WBS01

Tot Ion:105 Resp: 276115

Ion Ratio Lower Upper

105 100

120 27.2 13.2 39.6



#74

N-ethyl acetate

Concen: 19.296 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Tgt Ion: 43 Resp: 85556

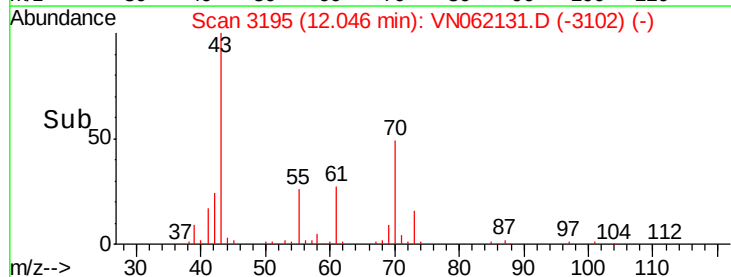
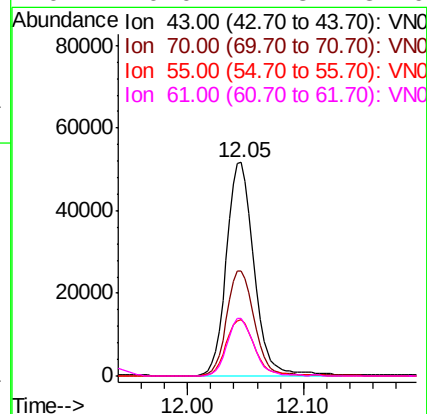
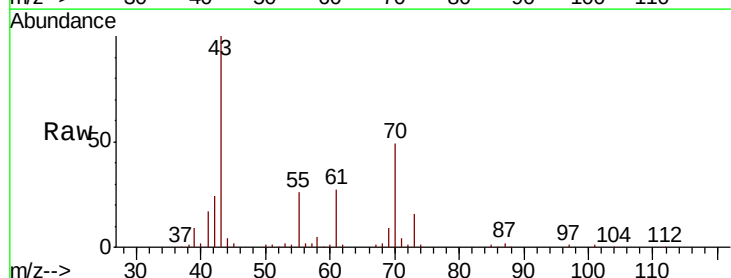
Ion Ratio Lower Upper

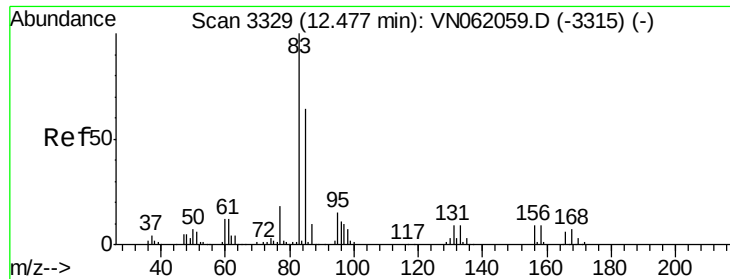
43 100

70 49.3 39.4 59.2

55 27.0 21.7 32.5

61 26.0 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.903 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0626WBS01

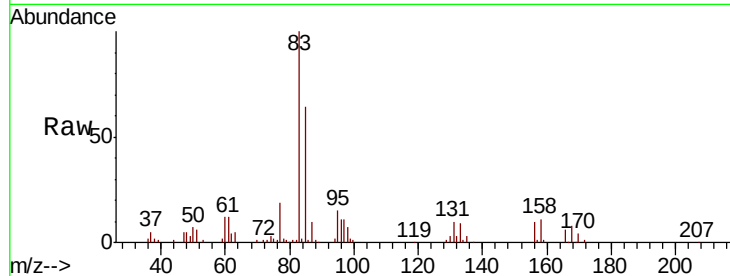
Tot Ion: 83 Resp: 85514

Ion Ratio Lower Upper

83 100

131 10.1 4.8 14.4

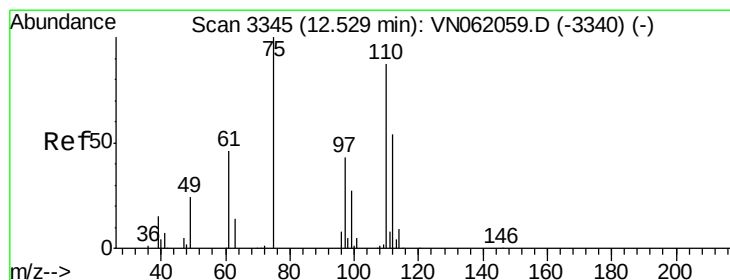
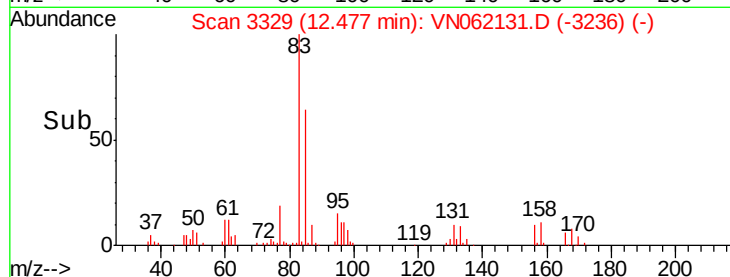
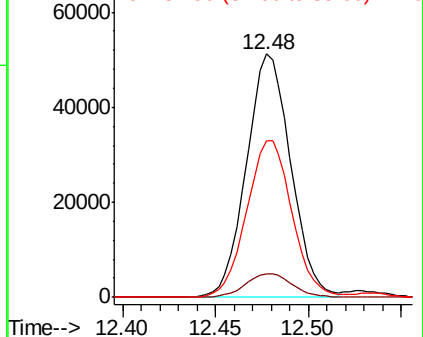
85 65.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.088 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062131.D

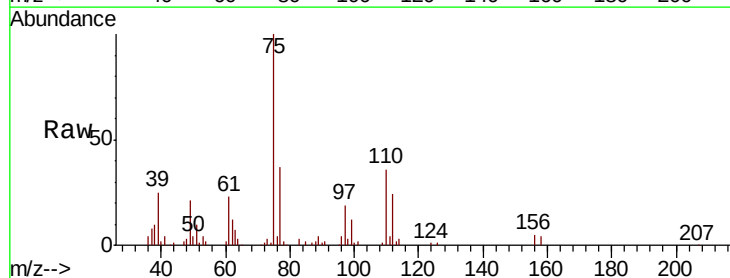
Acq: 26 Jun 2020 11:42

Tgt Ion: 75 Resp: 107853

Ion Ratio Lower Upper

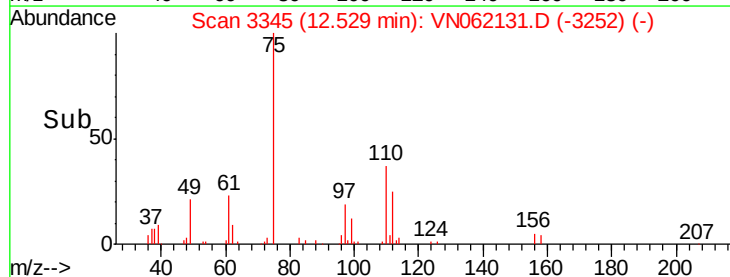
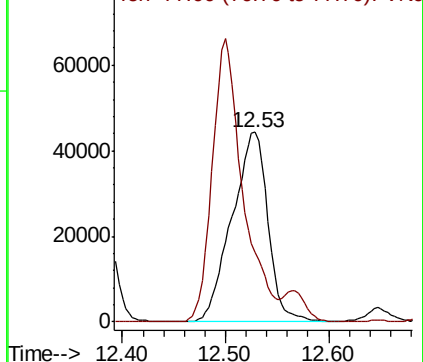
75 100

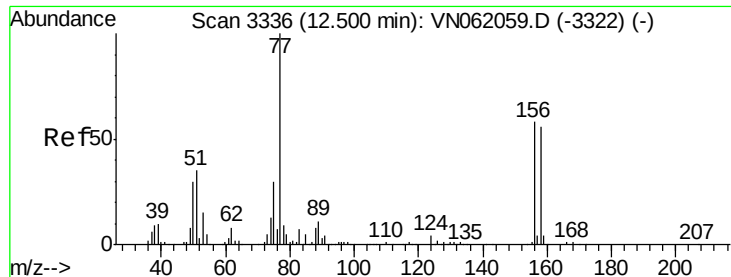
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.965 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0626WBS01

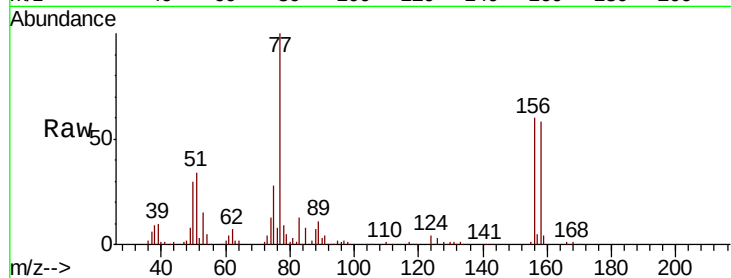
Tot Ion:156 Resp: 67382

Ion Ratio Lower Upper

156 100

77 202.4 104.6 313.8

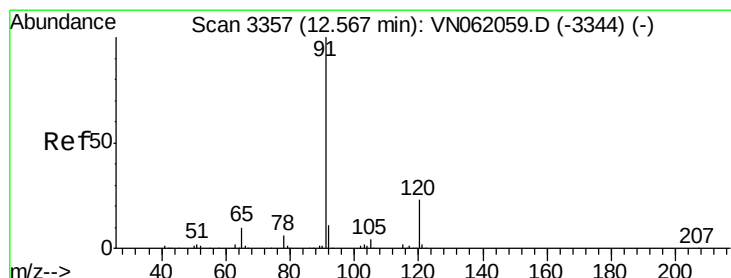
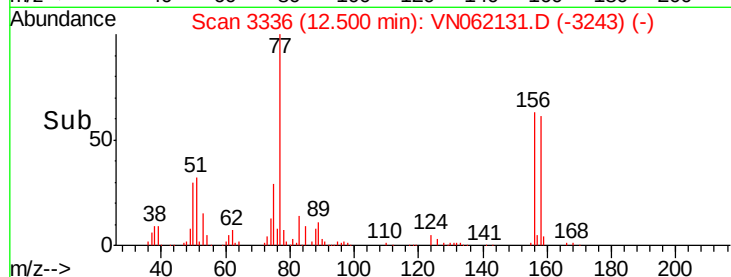
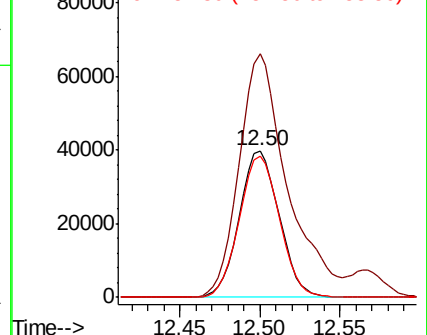
158 97.6 48.0 144.0



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: 19.781 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062131.D

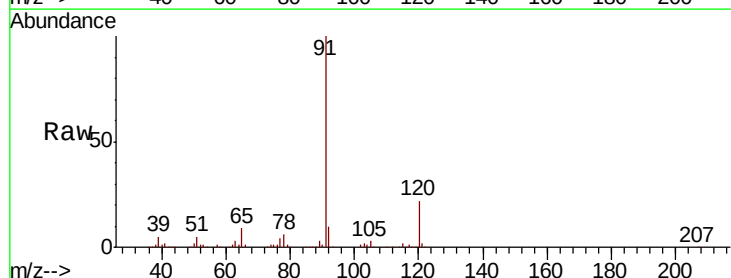
Acq: 26 Jun 2020 11:42

Tgt Ion: 91 Resp: 307596

Ion Ratio Lower Upper

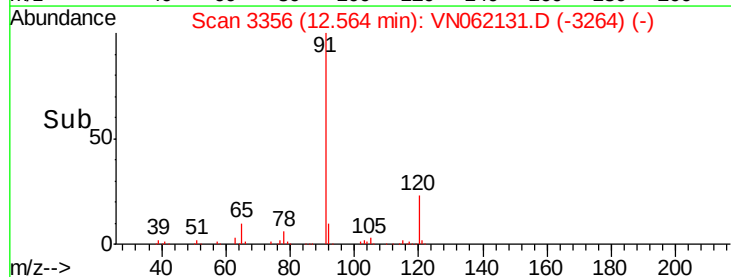
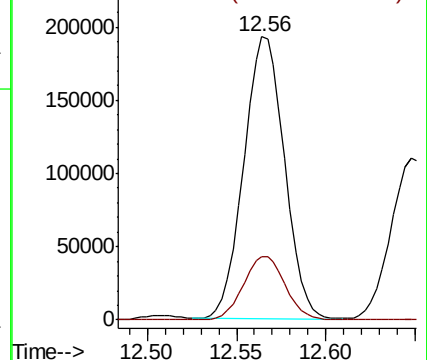
91 100

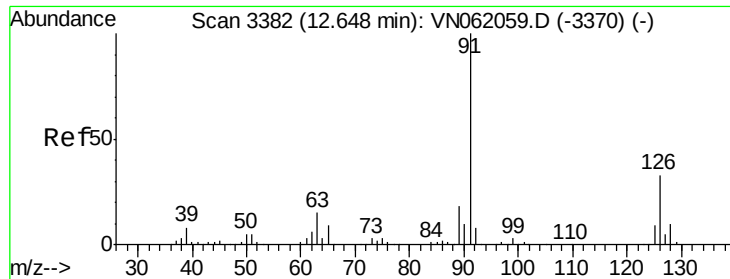
120 23.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

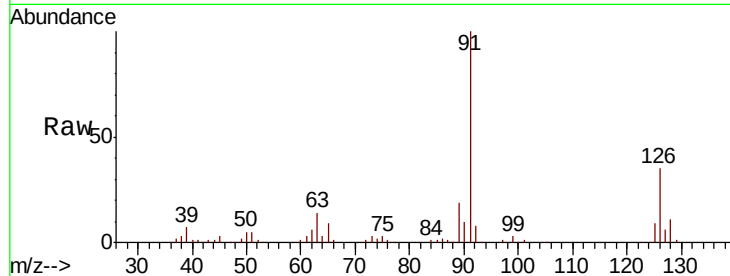




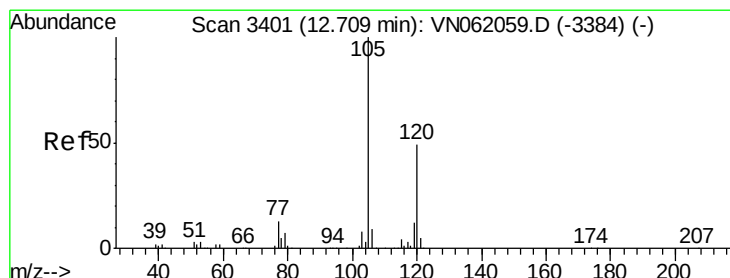
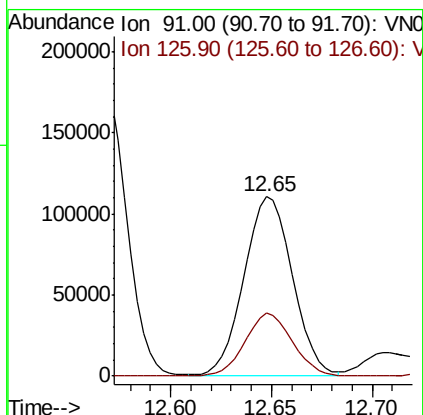
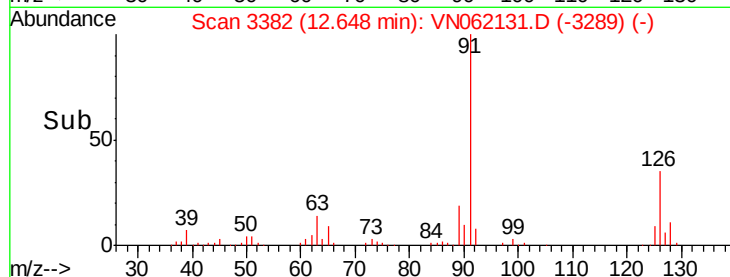
#79  
 2-Chlorotoluene  
 Concen: 19.683 ug/l  
 RT: 12.65 min Scan# 3382  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0626WBS01

Tot Ion: 91 Resp: 185033  
 Ion Ratio Lower Upper  
 91 100  
 126 34.4 16.9 50.7

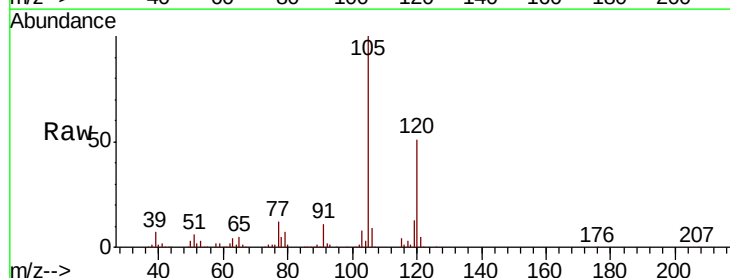


Abundance Ion 91.00 (90.70 to 91.70): VN062131.D (-3289) (-)  
 Ion 125.90 (125.60 to 126.60): VN062131.D (-3289) (-)

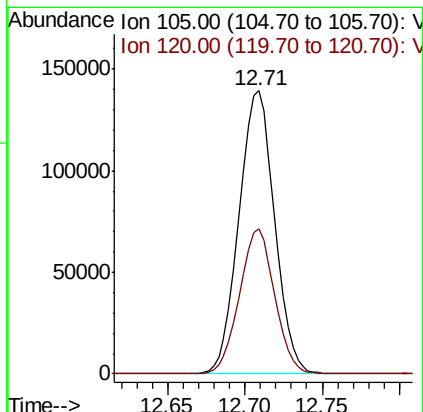
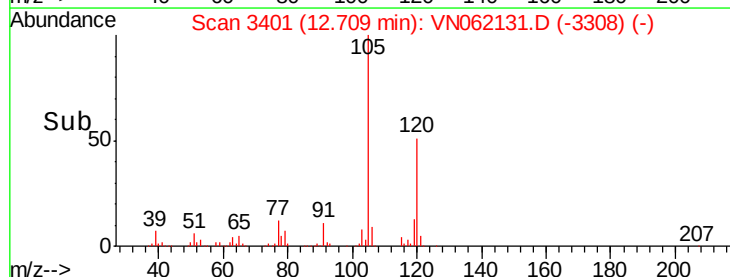


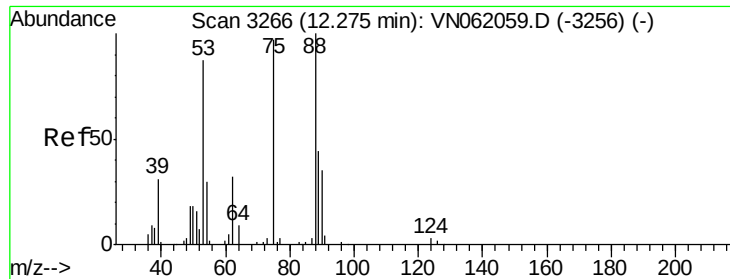
#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.187 ug/l  
 RT: 12.71 min Scan# 3401  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

Tgt Ion: 105 Resp: 222465  
 Ion Ratio Lower Upper  
 105 100  
 120 50.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062131.D (-3308) (-)  
 Ion 120.00 (119.70 to 120.70): VN062131.D (-3308) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.443 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0626WBS01

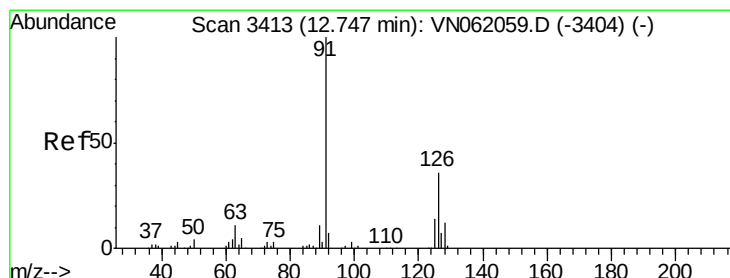
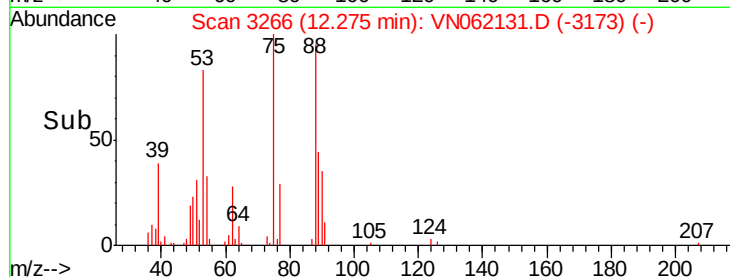
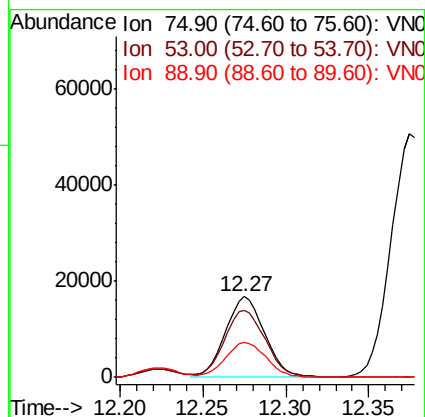
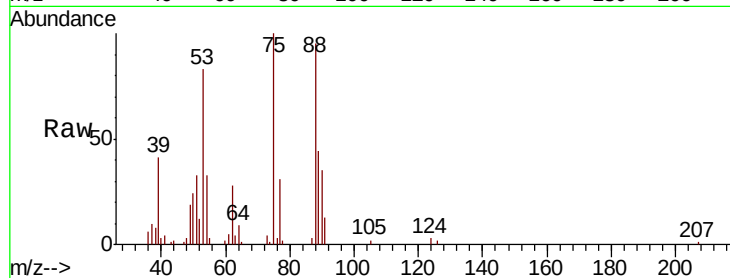
Tot Ion: 75 Resp: 27525

Ion Ratio Lower Upper

75 100

53 87.5 72.0 108.0

89 45.0 36.9 55.3



#82

4-Chlorotoluene

Concen: 19.218 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062131.D

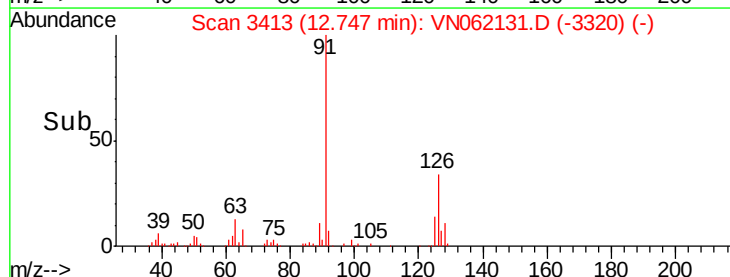
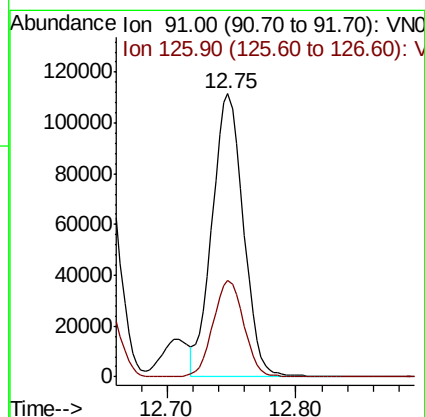
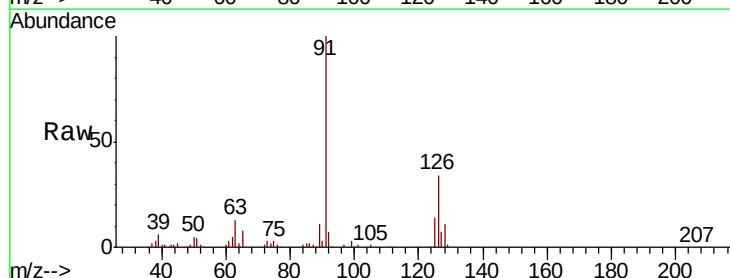
Acq: 26 Jun 2020 11:42

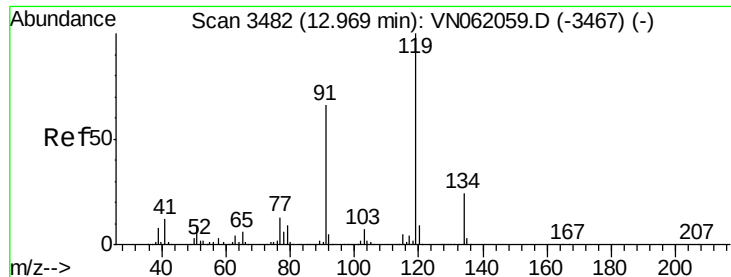
Tgt Ion: 91 Resp: 186826

Ion Ratio Lower Upper

91 100

126 33.7 16.7 50.1

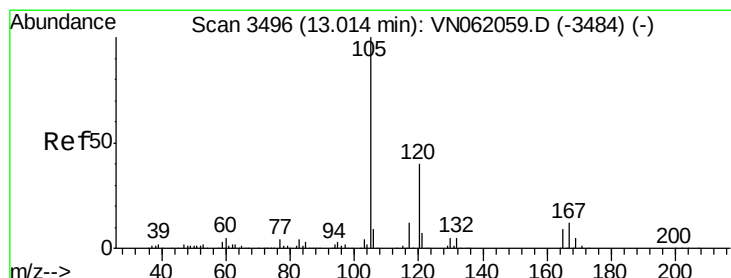
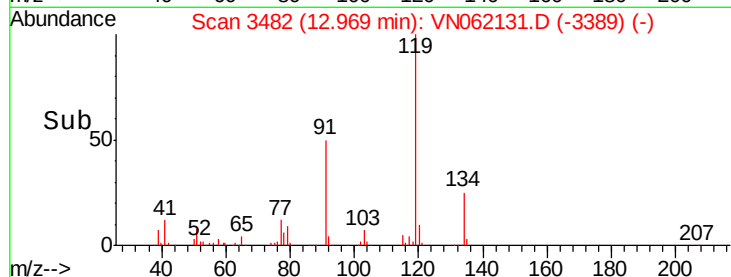
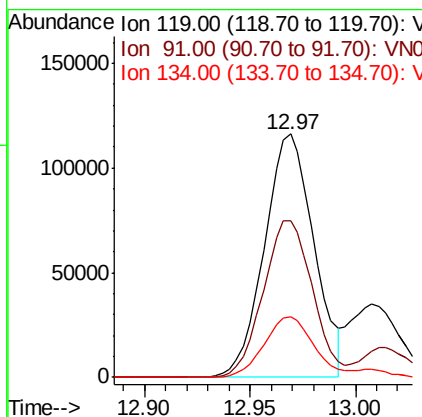
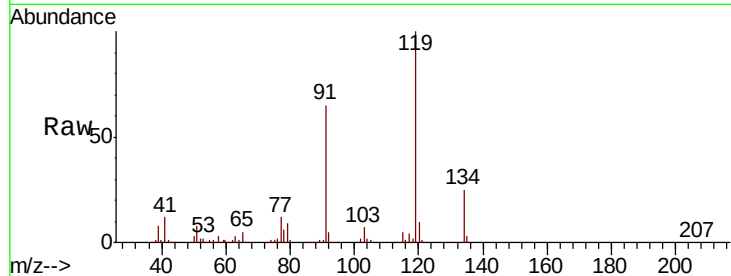




#83  
 tert-Butylbenzene  
 Concen: 20.094 ug/l  
 RT: 12.97 min Scan# 3482  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

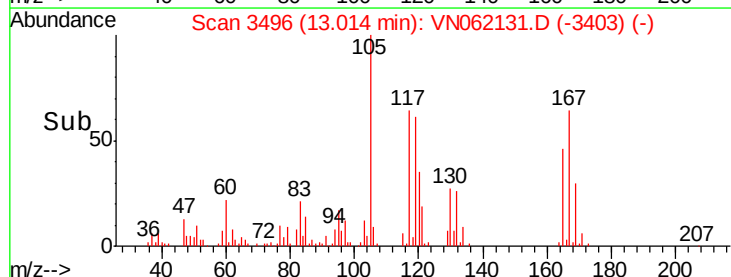
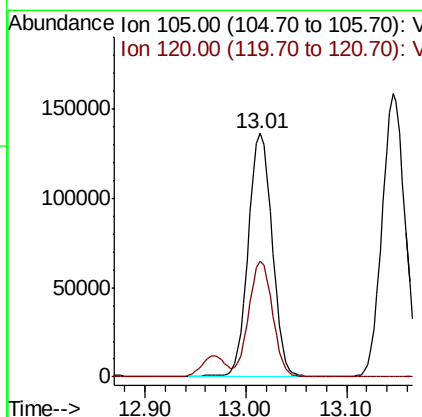
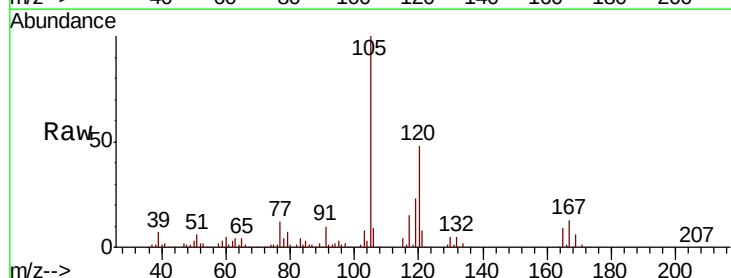
Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN0626WBS01

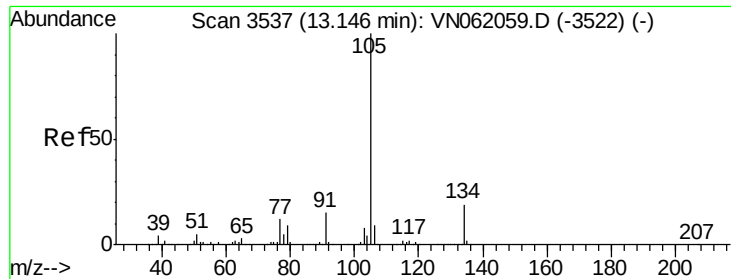
Tot Ion:119 Resp: 189512  
 Ion Ratio Lower Upper  
 119 100  
 91 64.3 31.7 95.1  
 134 25.1 13.1 39.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.306 ug/l  
 RT: 13.01 min Scan# 3496  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

Tgt Ion:105 Resp: 223496  
 Ion Ratio Lower Upper  
 105 100  
 120 47.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 20.278 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampleId :

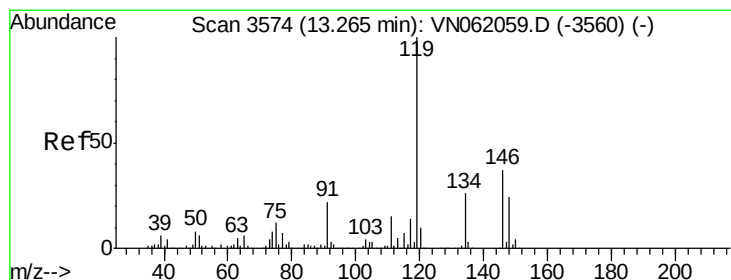
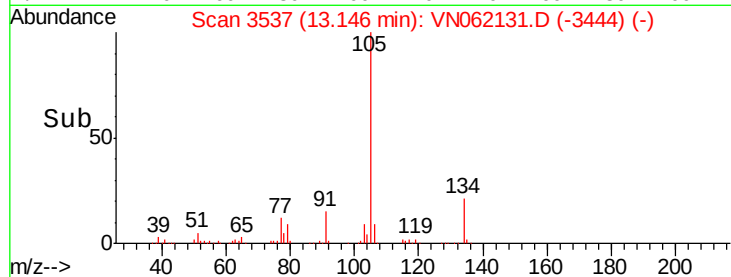
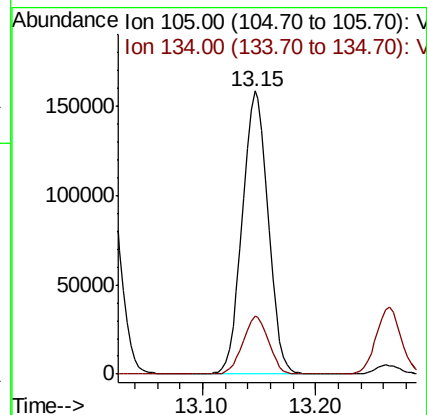
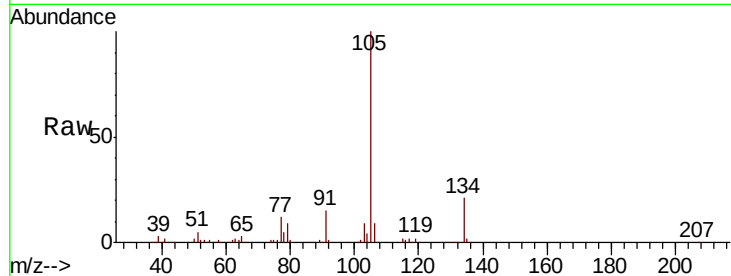
VN0626WBS01

Tot Ion:105 Resp: 252706

Ion Ratio Lower Upper

105 100

134 20.4 9.7 29.1



#86

p-Isopropyltoluene

Concen: 20.393 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

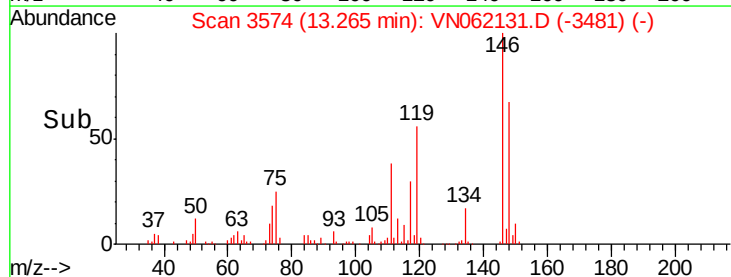
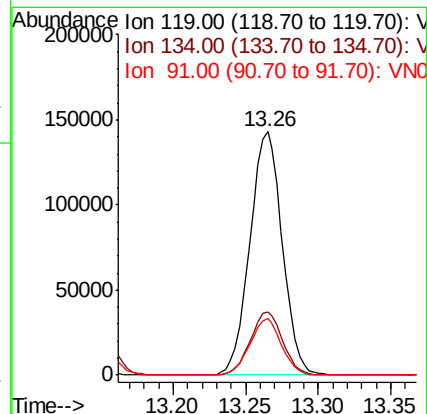
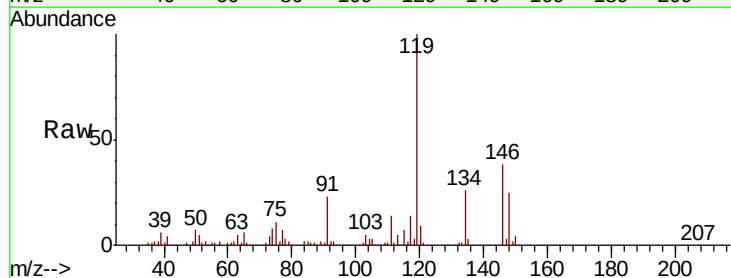
Tgt Ion:119 Resp: 222662

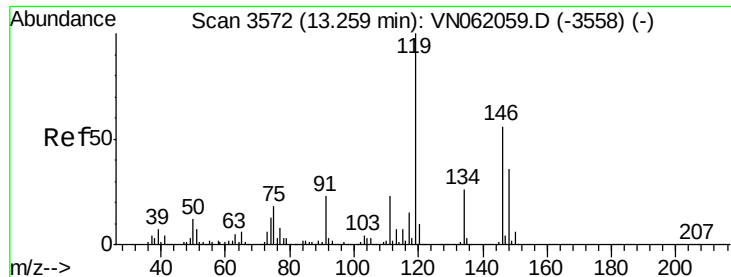
Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 22.2 11.3 33.8

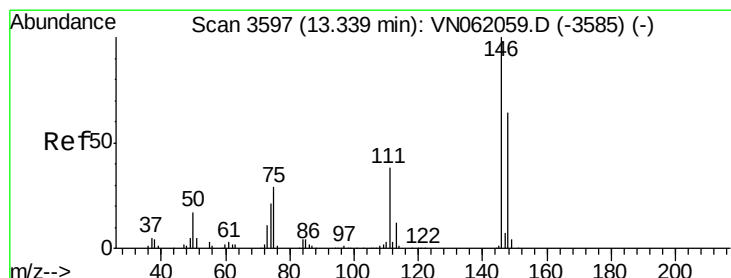
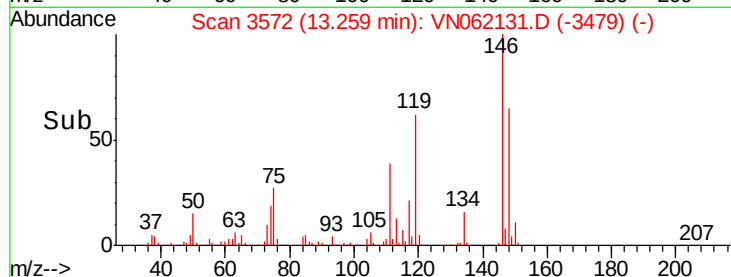
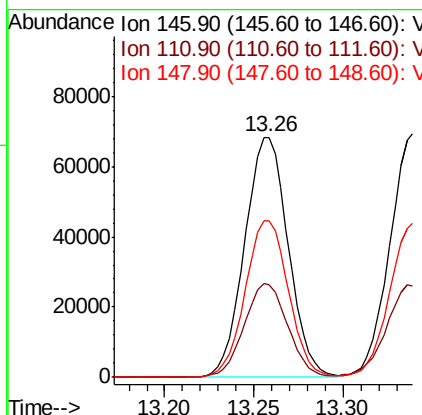
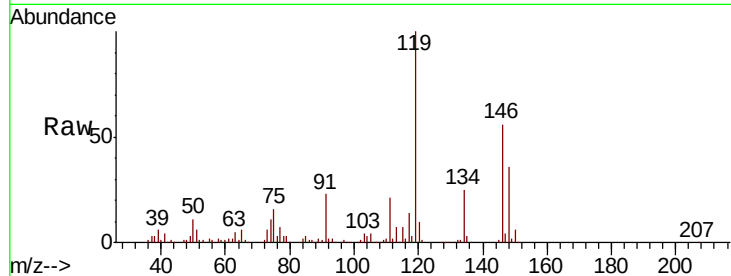




#87  
 1,3-Dichlorobenzene  
 Concen: 19.659 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

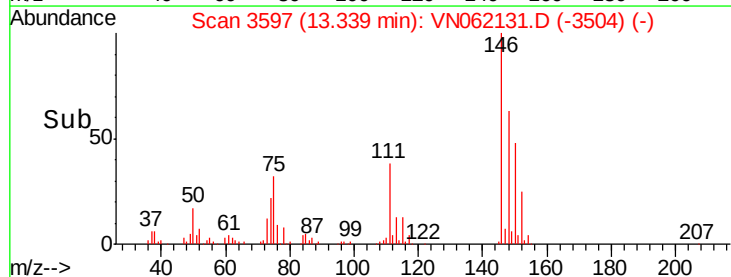
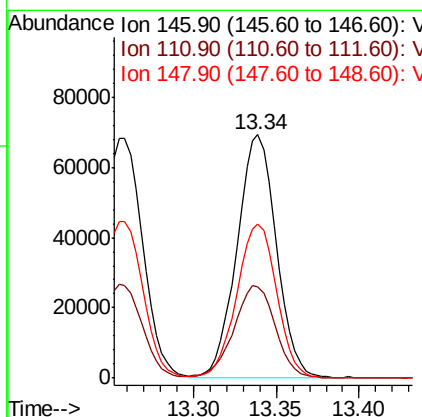
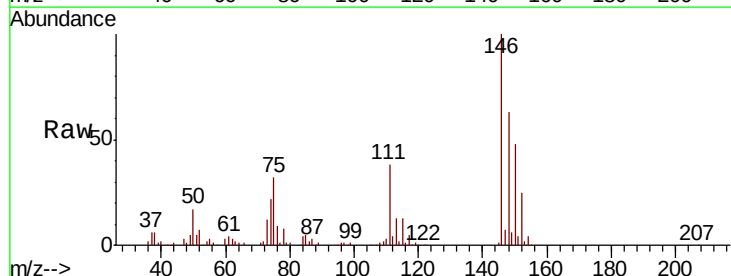
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0626WBS01

Tot Ion:146 Resp: 116510  
 Ion Ratio Lower Upper  
 146 100  
 111 39.1 20.3 61.0  
 148 64.9 31.8 95.3

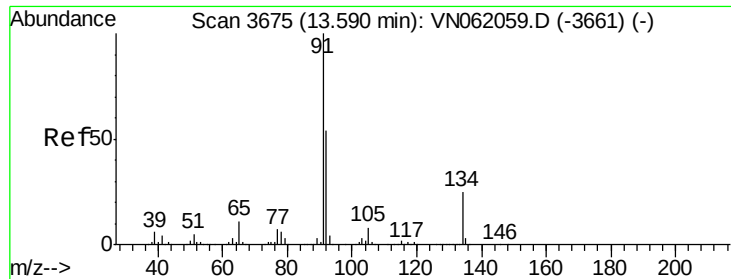


#88  
 1,4-Dichlorobenzene  
 Concen: 18.713 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

Tgt Ion:146 Resp: 114323  
 Ion Ratio Lower Upper  
 146 100  
 111 40.5 19.9 59.6  
 148 63.9 31.9 95.9







#89

n-Butylbenzene

Concen: 18.605 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA\_N

ClientSampled :

VN0626WBS01

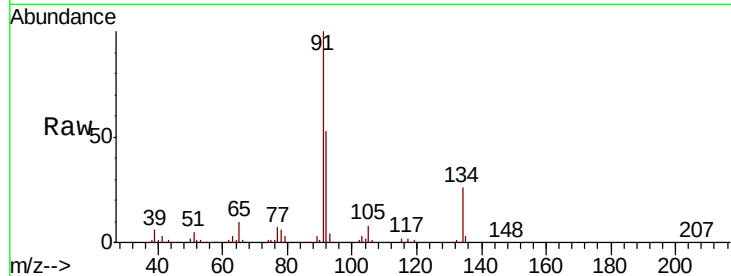
Tot Ion: 91 Resp: 168886

Ion Ratio Lower Upper

91 100

92 51.9 26.6 79.7

134 25.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN062131.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062131.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062131.D (-3582) (-)

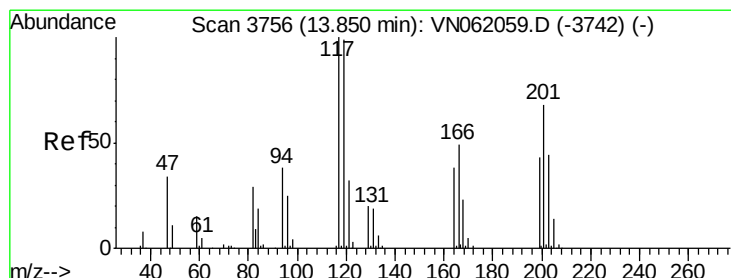
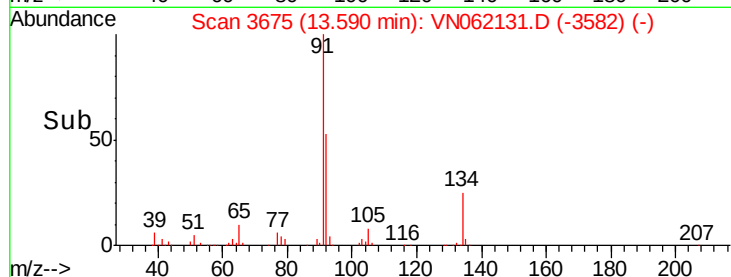
13.59

100000

50000

0

Time-->



#90

Hexachloroethane

Concen: 19.429 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062131.D

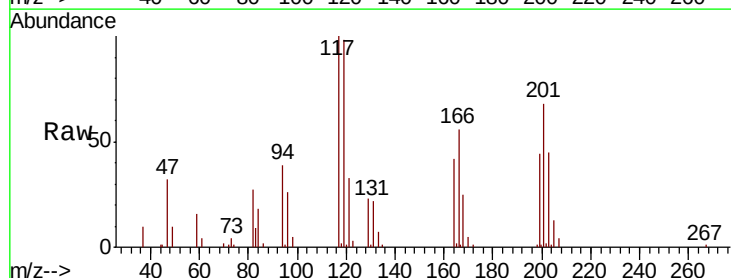
Acq: 26 Jun 2020 11:42

Tgt Ion: 117 Resp: 41620

Ion Ratio Lower Upper

117 100

201 68.6 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062131.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062131.D (-3663) (-)

13.85

25000

20000

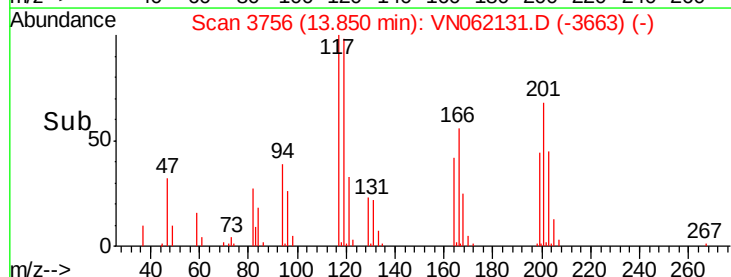
15000

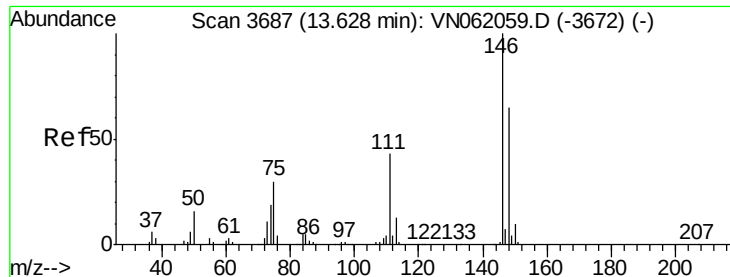
10000

5000

0

Time-->

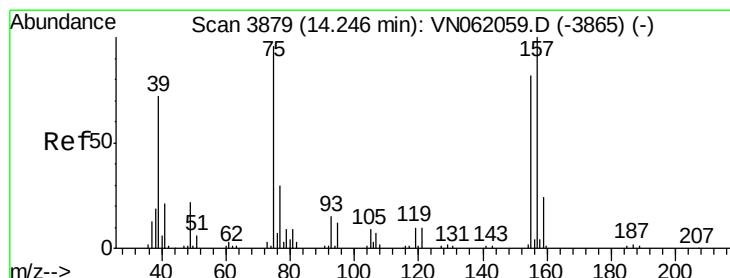
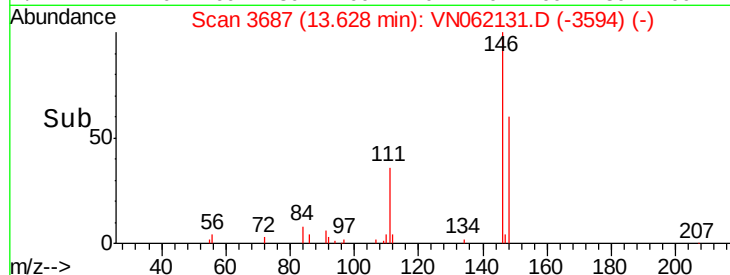
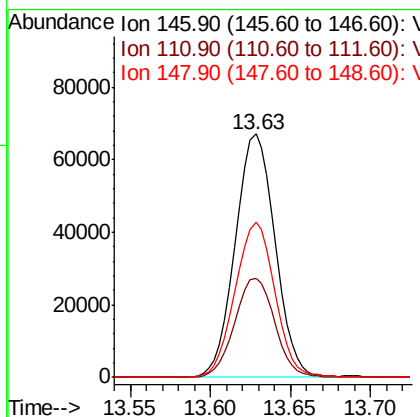
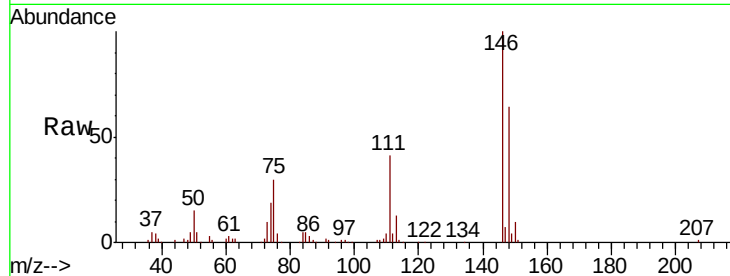




#91  
 1,2-Dichlorobenzene  
 Concen: 19.814 ug/l  
 RT: 13.63 min Scan# 3687  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

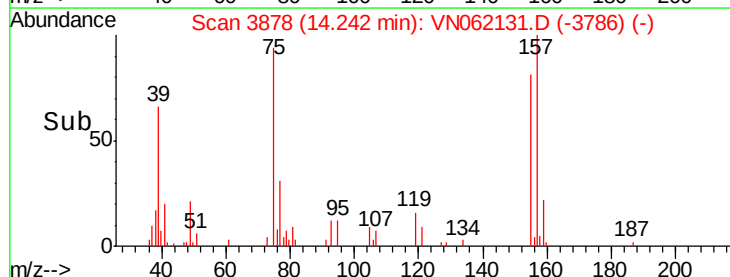
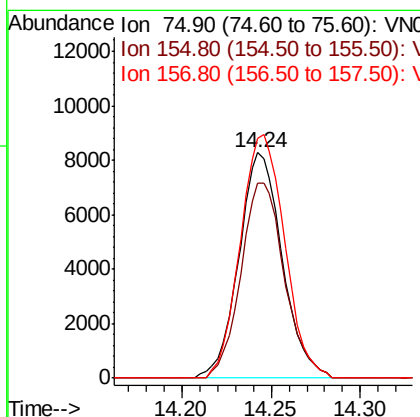
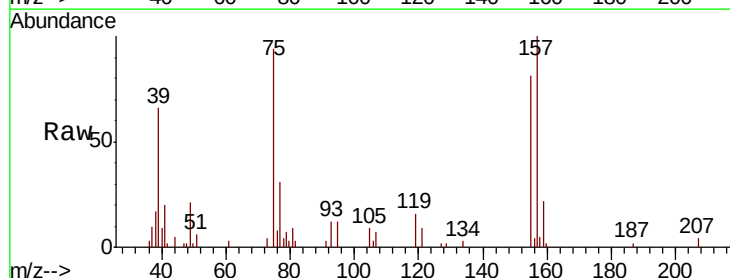
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0626WBS01

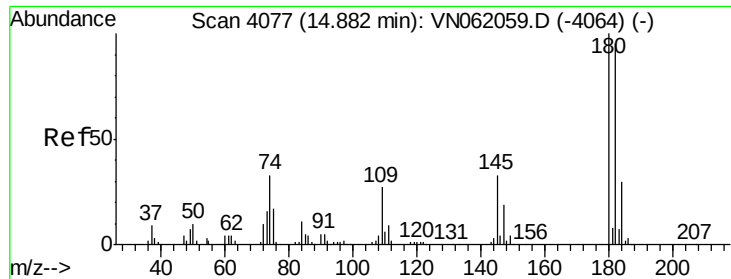
Tot Ion:146 Resp: 113870  
 Ion Ratio Lower Upper  
 146 100  
 111 41.1 21.2 63.6  
 148 63.8 31.9 95.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.291 ug/l  
 RT: 14.24 min Scan# 3878  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

Tgt Ion: 75 Resp: 13980  
 Ion Ratio Lower Upper  
 75 100  
 155 87.0 40.8 122.4  
 157 110.5 51.4 154.3

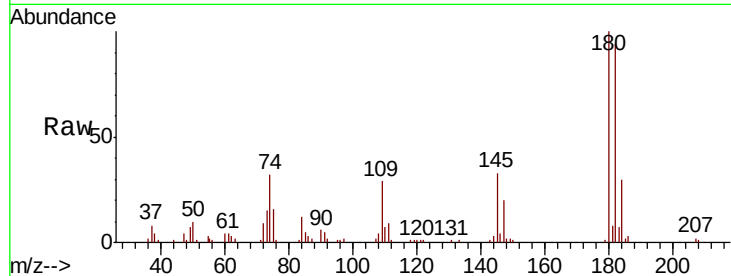




#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.895 ug/l  
 RT: 14.88 min Scan# 4077  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0626WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.7  | 48.0  | 144.2 |
| 145     | 32.7  | 16.0  | 48.0  |

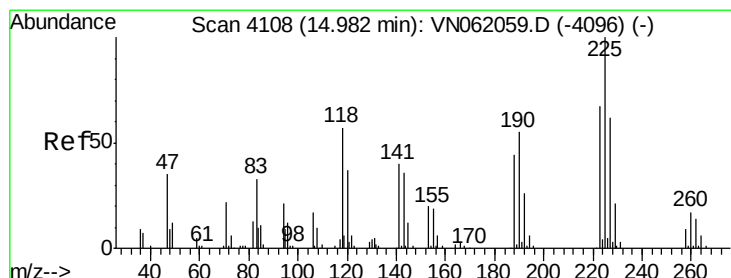
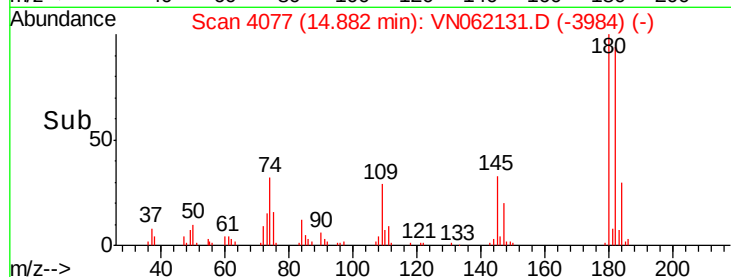
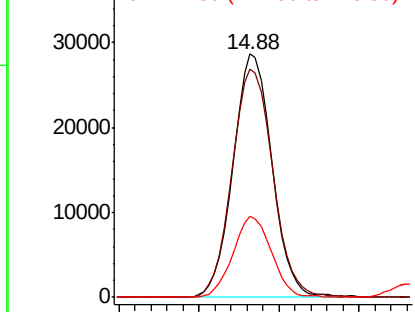


Abundance

Ion 179.80 (179.50 to 180.50): V

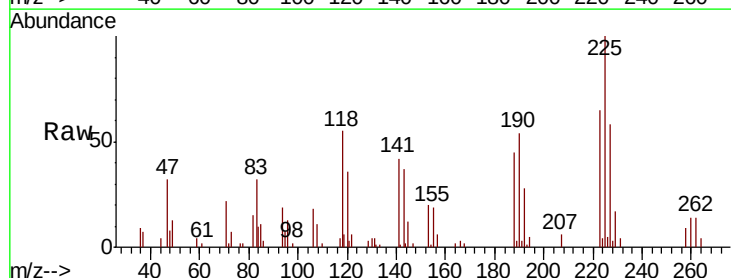
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 20.408 ug/l  
 RT: 14.98 min Scan# 4108  
 Delta R.T. -0.00 min  
 Lab File: VN062131.D  
 Acq: 26 Jun 2020 11:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.2  | 32.9  | 98.7  |
| 227     | 60.1  | 31.3  | 93.8  |

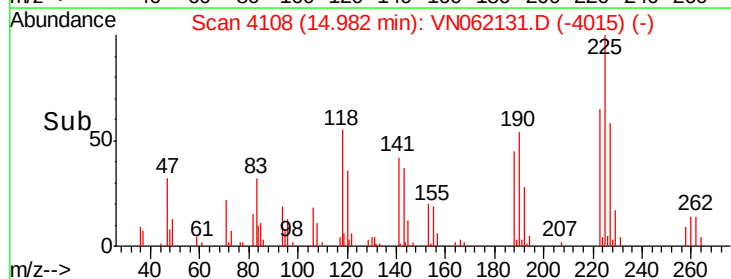
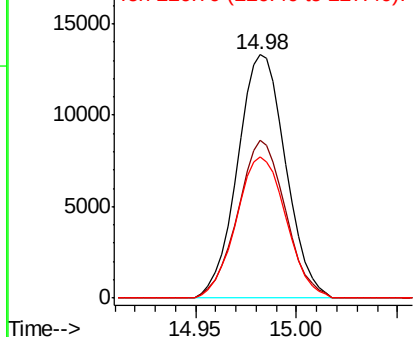


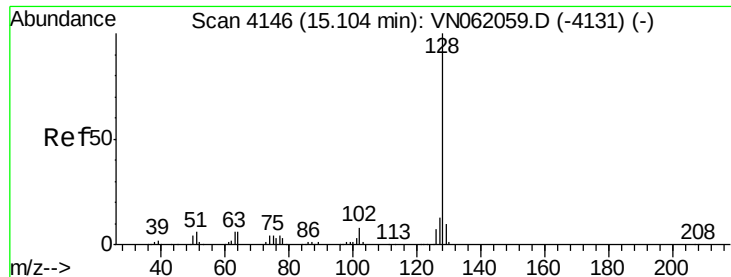
Abundance

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

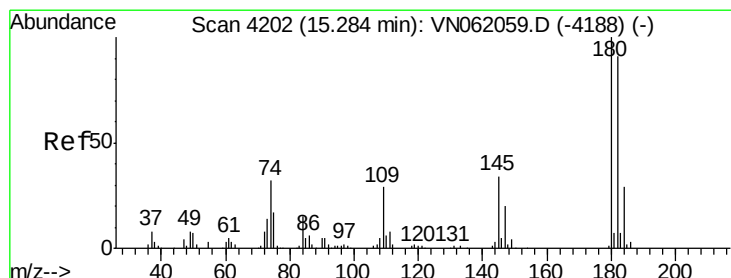
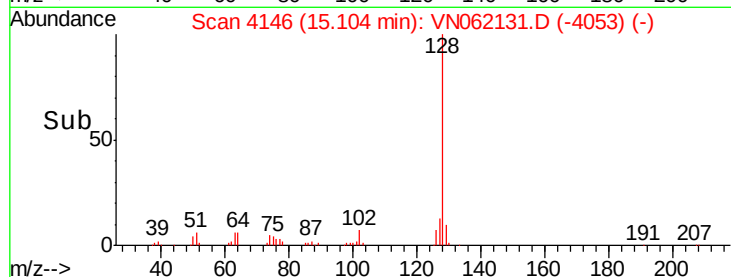
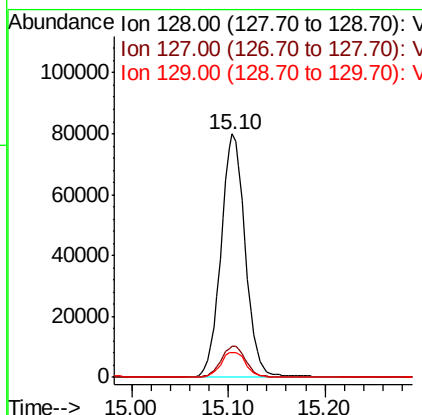
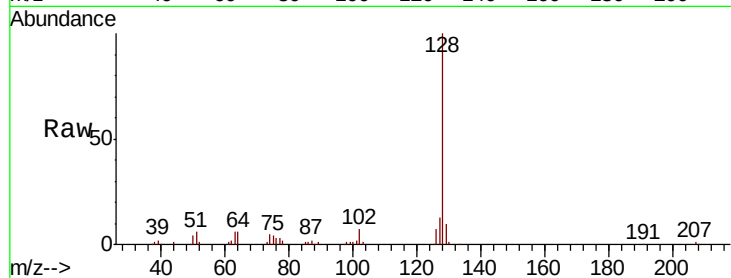




#95  
Naphthalene  
Concen: 19.295 ug/l  
RT: 15.10 min Scan# 4146  
Delta R.T. 0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0626WBS01

Tot Ion:128 Resp: 139201  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.5 15.7  
129 10.6 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 19.355 ug/l  
RT: 15.28 min Scan# 4202  
Delta R.T. -0.00 min  
Lab File: VN062131.D  
Acq: 26 Jun 2020 11:42

Tgt Ion:180 Resp: 49687  
Ion Ratio Lower Upper  
180 100  
182 92.5 46.8 140.4  
145 33.7 16.4 49.2

