

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022620\  
 Data File : VN060247.D  
 Acq On : 26 Feb 2020 13:28  
 Operator : JC/MD  
 Sample : VN0226WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 27 04:32:15 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N021220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 12 14:12:21 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 211410   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 336950   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 312924   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 155655   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.00  | 65   | 136615   | 53.11 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.22% |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 99784    | 48.18 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.36%  |          |
| 50) Toluene-d8              | 10.08 | 98   | 403803   | 49.51 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.02%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 153709   | 51.29 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.58% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 40088    | 18.971  | ug/l   | 98     |
| 3) Chloromethane              | 2.04 | 50   | 67738    | 26.936  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.16 | 62   | 56296    | 19.640  | ug/l   | 99     |
| 5) Bromomethane               | 2.54 | 94   | 21317    | 12.128  | ug/l   | 96     |
| 6) Chloroethane               | 2.68 | 64   | 30073    | 20.743  | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 3.00 | 101  | 72493    | 19.616  | ug/l   | 100    |
| 8) Diethyl Ether              | 3.38 | 74   | 27488    | 22.344  | ug/l   | 92     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101  | 41405    | 20.180  | ug/l   | 97     |
| 10) Methyl Iodide             | 3.93 | 142  | 36125    | 14.938  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.73 | 59   | 39776    | 103.325 | ug/l # | 88     |
| 12) 1,1-Dichloroethene        | 3.72 | 96   | 40338    | 20.181  | ug/l   | 93     |
| 13) Acrolein                  | 3.58 | 56   | 32797    | 86.192  | ug/l   | 96     |
| 14) Allyl chloride            | 4.29 | 41   | 68054    | 23.132  | ug/l   | 92     |
| 15) Acrylonitrile             | 4.94 | 53   | 106681   | 113.475 | ug/l   | 97     |
| 16) Acetone                   | 3.78 | 43   | 82310    | 73.353  | ug/l   | 97     |
| 17) Carbon Disulfide          | 4.03 | 76   | 110788   | 18.389  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.29 | 43   | 55160    | 26.168  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.00 | 73   | 144544   | 21.504  | ug/l   | 100    |
| 20) Methylene Chloride        | 4.52 | 84   | 46210    | 20.642  | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96   | 42991    | 19.731  | ug/l   | 97     |
| 22) Diisopropyl ether         | 5.91 | 45   | 149609   | 23.204  | ug/l   | 96     |
| 23) Vinyl Acetate             | 5.86 | 43   | 601978   | 111.180 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 5.81 | 63   | 85501    | 21.891  | ug/l   | 99     |
| 25) 2-Butanone                | 6.80 | 43   | 135472   | 95.994  | ug/l   | 95     |
| 26) 2,2-Dichloropropane       | 6.80 | 77   | 76117    | 20.518  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96   | 51219    | 20.086  | ug/l   | 96     |
| 28) Bromochloromethane        | 7.17 | 49   | 36150    | 23.542  | ug/l   | 90     |
| 29) Tetrahydrofuran           | 7.18 | 42   | 95589    | 110.408 | ug/l   | 93     |
| 30) Chloroform                | 7.35 | 83   | 83724    | 20.463  | ug/l   | 97     |
| 31) Cyclohexane               | 7.63 | 56   | 76311    | 20.974  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 7.54 | 97   | 74693    | 19.977  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.77 | 75   | 62780    | 20.116  | ug/l   | 98     |
| 37) Ethyl Acetate             | 6.90 | 43   | 60780    | 21.548  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.75 | 117  | 61906    | 18.264  | ug/l   | 97     |

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 Sample : VN0226WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 27 04:32:15 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N021220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 12 14:12:21 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 75101    | 19.385  | ug/l   | 96       |
| 40) Benzene                    | 8.02  | 78   | 184615   | 19.941  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.14  | 41   | 25646    | 21.681  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 68424    | 21.087  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.14  | 43   | 105110   | 21.800  | ug/l   | 99       |
| 44) Trichloroethene            | 8.82  | 130  | 52758    | 20.581  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 48959    | 21.360  | ug/l   | 99       |
| 46) Dibromomethane             | 9.19  | 93   | 31312    | 19.332  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.39  | 83   | 65045    | 19.752  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.18  | 41   | 45725    | 21.137  | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.18  | 88   | 14071    | 380.685 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 298935   | 107.112 | ug/l   | 98       |
| 52) Toluene                    | 10.14 | 92   | 115566   | 19.466  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 76137    | 20.483  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.82  | 75   | 81392    | 20.795  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 45964    | 19.845  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 68049    | 20.769  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 77242    | 20.211  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 167733   | 109.889 | ug/l   | 95       |
| 59) 2-Hexanone                 | 10.74 | 43   | 217153   | 100.727 | ug/l   | 97       |
| 60) Dibromochloromethane       | 10.89 | 129  | 47017    | 17.690  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 45283    | 18.651  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.62 | 164  | 55242    | 23.222  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 122589   | 19.229  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.50 | 131  | 47099    | 19.529  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.51 | 91   | 227254   | 19.764  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 170583   | 39.528  | ug/l   | 99       |
| 69) o-Xylene                   | 11.94 | 106  | 82699    | 19.903  | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 131861   | 19.679  | ug/l   | 98       |
| 71) Bromoform                  | 12.12 | 173  | 32132    | 16.565  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.25 | 105  | 220452   | 18.966  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 94181    | 22.470  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 59603    | 17.815  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 87447    | 29.364  | ug/l # | 100      |
| 77) Bromobenzene               | 12.52 | 156  | 54005    | 18.722  | ug/l   | 96       |
| 78) n-propylbenzene            | 12.59 | 91   | 261040   | 19.712  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 151323   | 19.441  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 188848   | 19.541  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 23051    | 18.952  | ug/l # | 81       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 157365   | 19.705  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 161974   | 18.946  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 189594   | 19.874  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 216388   | 19.112  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 197647   | 19.267  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 97785    | 19.151  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 97944    | 19.186  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.61 | 91   | 182202   | 20.193  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 26977    | 14.076  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 94007    | 18.813  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 12913    | 17.653  | ug/l   | 94       |

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Sample : VN0226WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 6 Sample Multiplier: 1

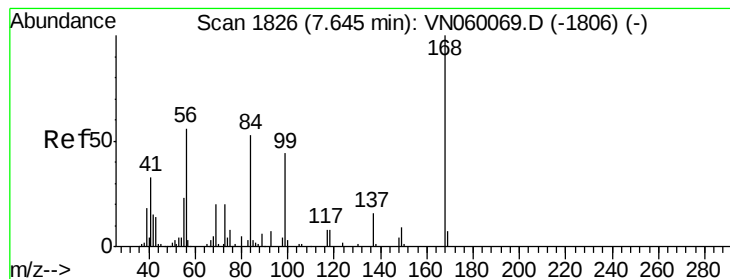
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Feb 27 04:32:15 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N021220W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 12 14:12:21 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 63541    | 21.641 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 29445    | 17.130 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 188113   | 23.718 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 62075    | 21.230 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

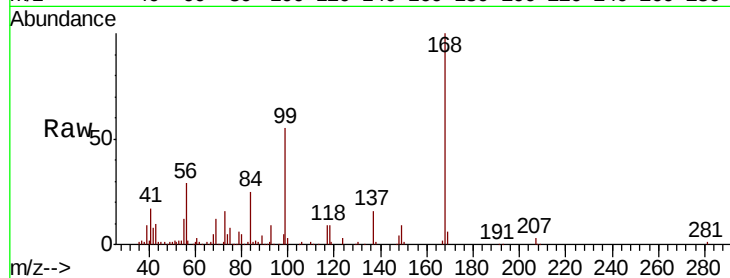
ClientSampleId :

Tot Ion:168 Resp: 211410

Ion Ratio Lower Upper

168 100

99 55.0 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

100000

80000

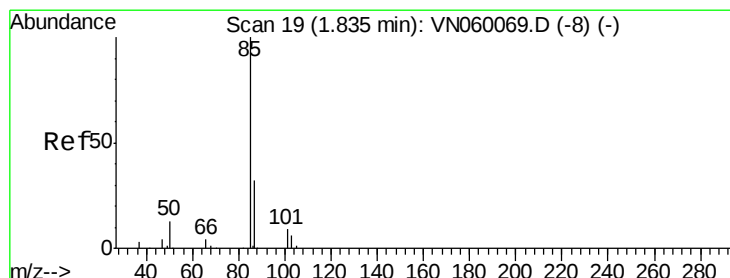
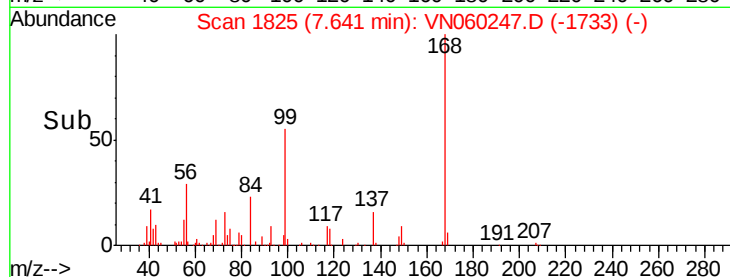
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.971 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060247.D

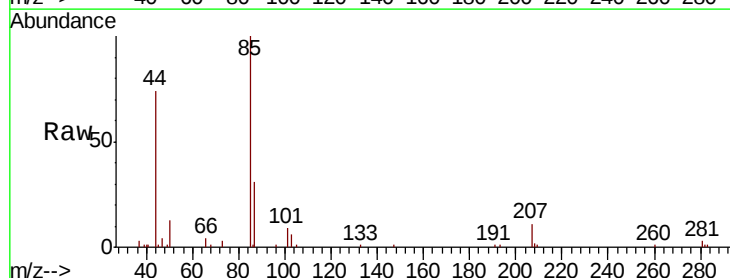
Acq: 26 Feb 2020 13:28

Tgt Ion: 85 Resp: 40088

Ion Ratio Lower Upper

85 100

87 31.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

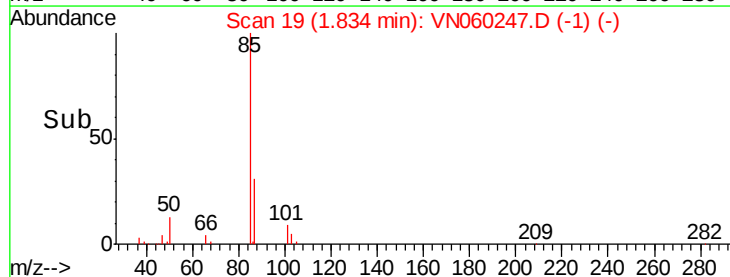
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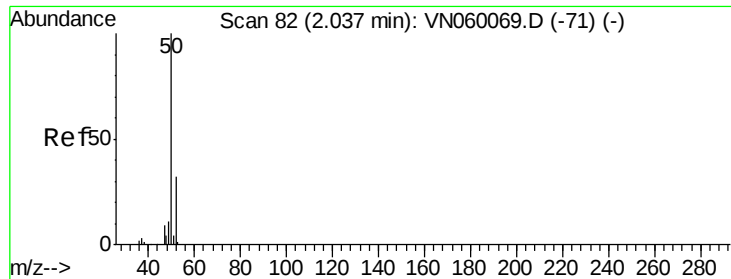
20000

10000

0

Time-->





#3

Chloromethane

Concen: 26.936 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

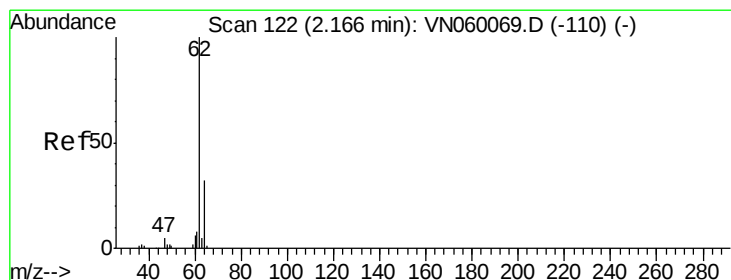
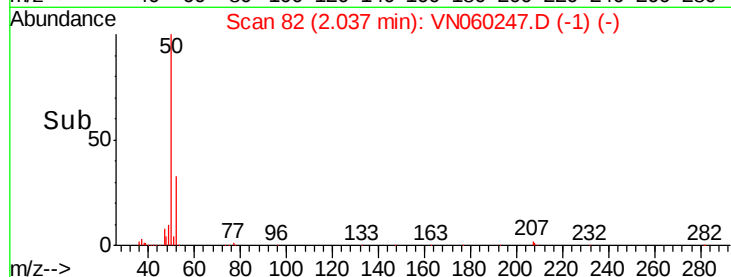
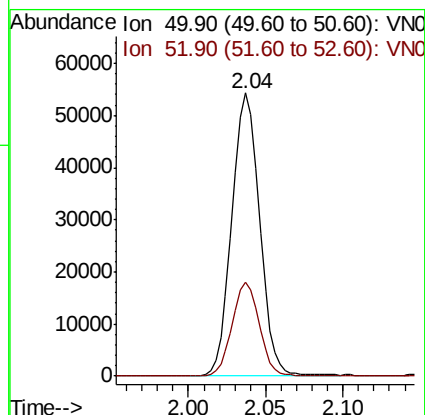
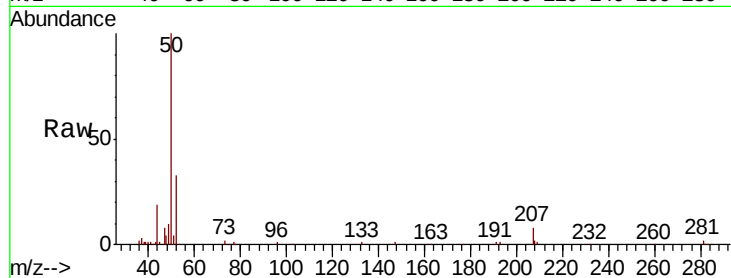
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 50 Resp: 67738

Ion Ratio Lower Upper

50 100

52 33.2 25.6 38.4



#4

Vinyl Chloride

Concen: 19.640 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN060247.D

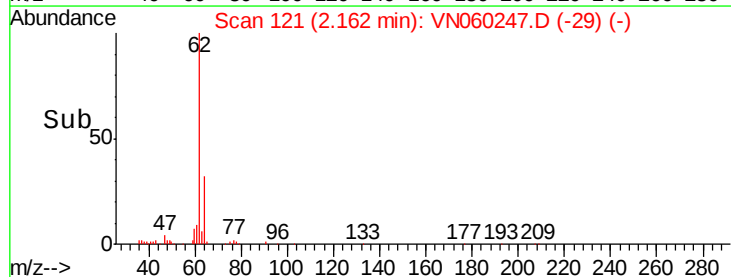
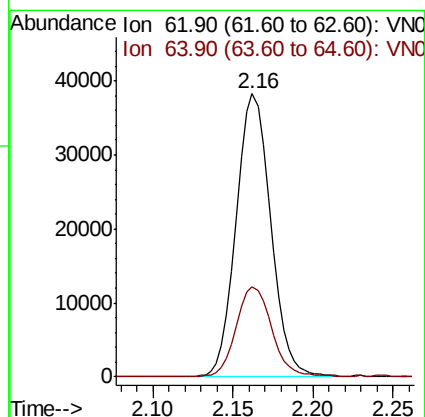
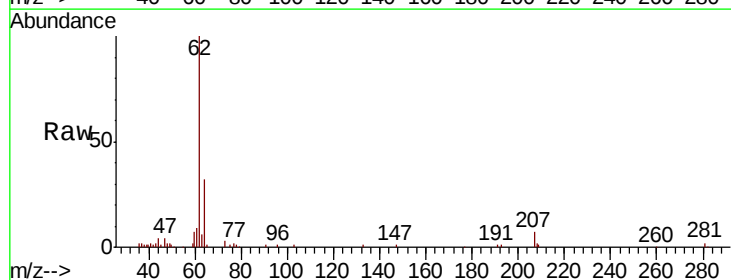
Acq: 26 Feb 2020 13:28

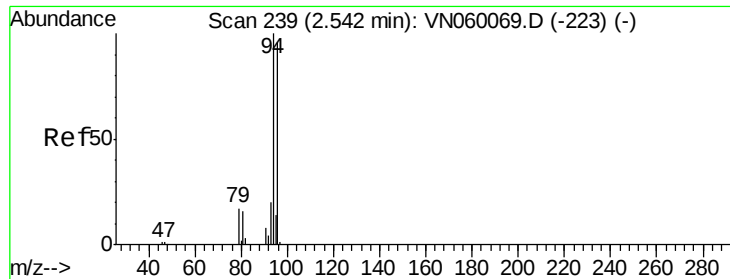
Tgt Ion: 62 Resp: 56296

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9





#5

Bromomethane

Concen: 12.128 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

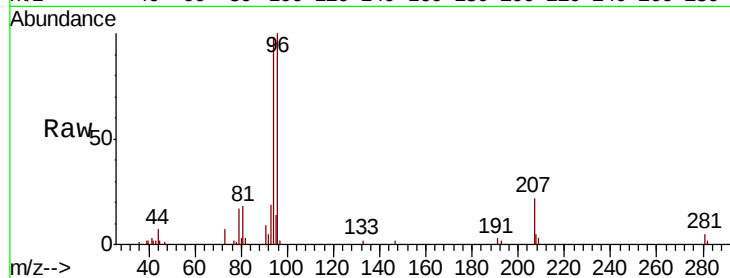
ClientSampled :

Tot Ion: 94 Resp: 21317

Ion Ratio Lower Upper

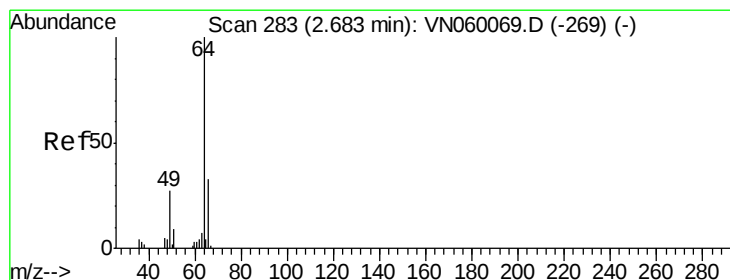
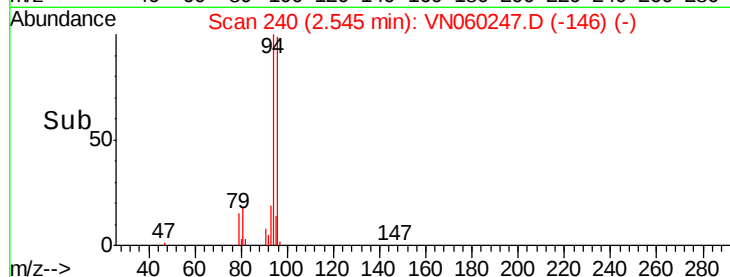
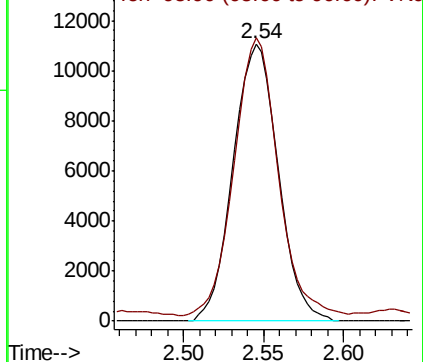
94 100

96 99.7 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.743 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060247.D

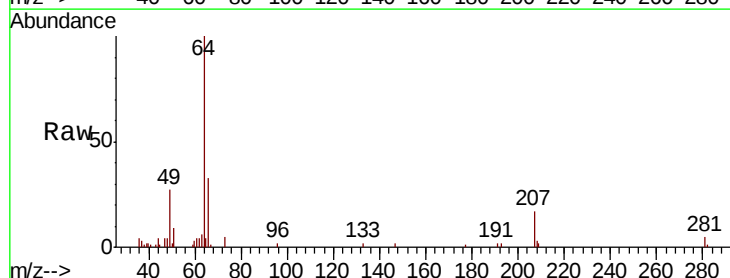
Acq: 26 Feb 2020 13:28

Tgt Ion: 64 Resp: 30073

Ion Ratio Lower Upper

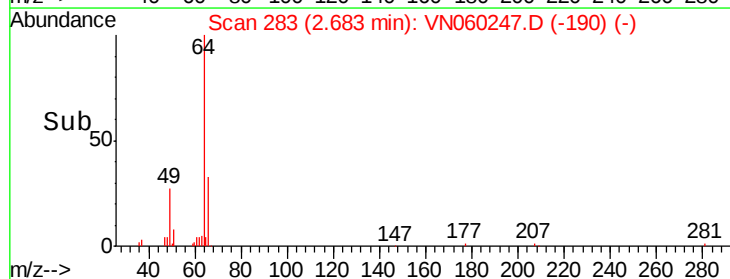
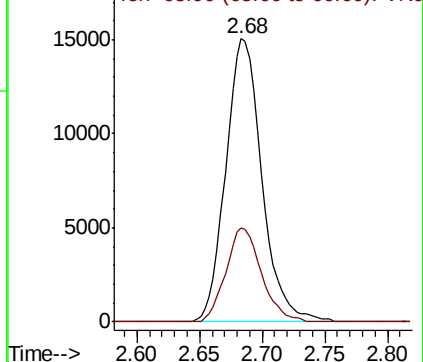
64 100

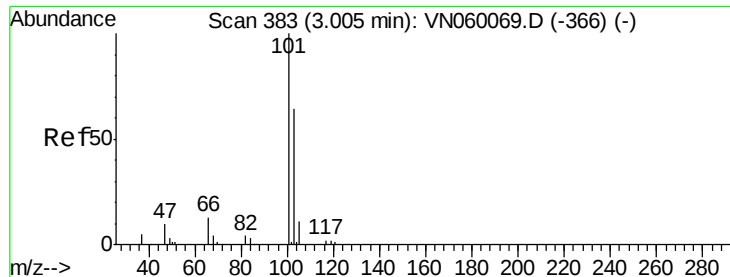
66 33.4 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



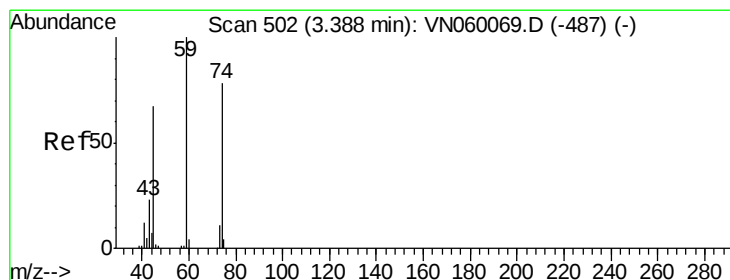
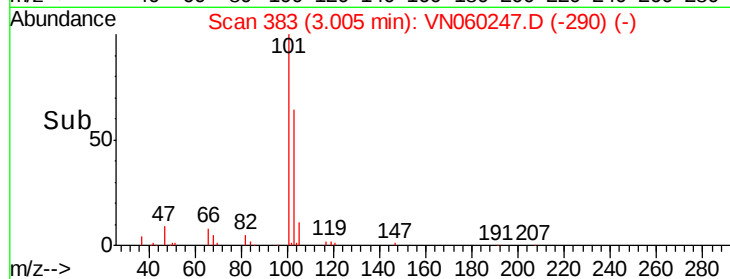
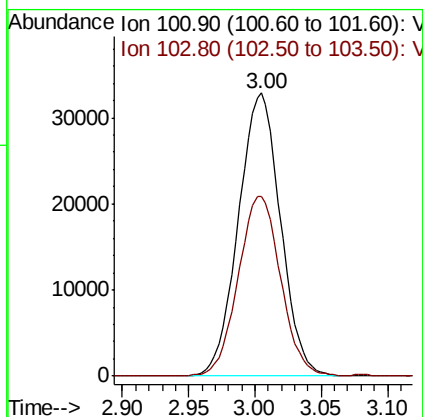
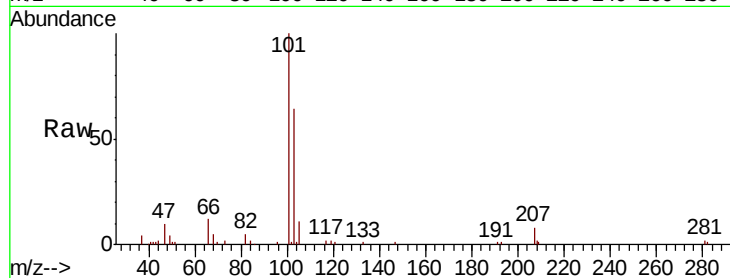


#7

Trichlorofluoromethane  
Concen: 19.616 ug/l  
RT: 3.00 min Scan# 383  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
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Instrument :  
MSVOA\_N  
ClientSampleId :

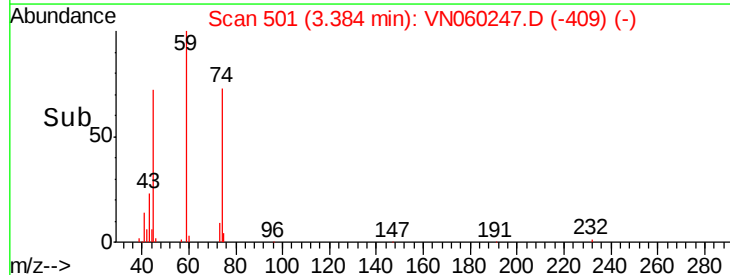
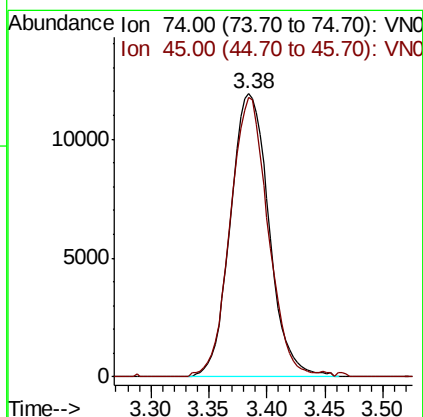
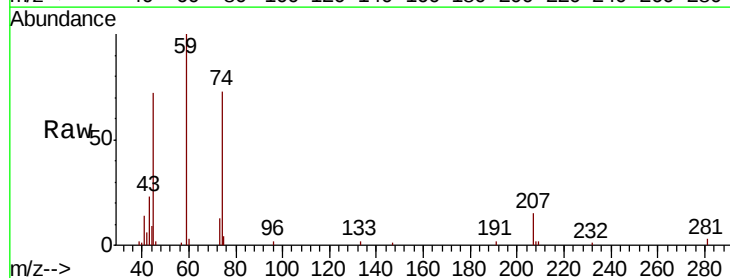
Tot Ion:101 Resp: 72493  
Ion Ratio Lower Upper  
101 100  
103 63.7 51.0 76.6

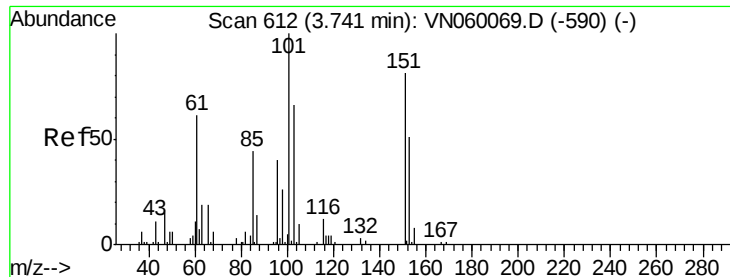


#8

Diethyl Ether  
Concen: 22.344 ug/l  
RT: 3.38 min Scan# 501  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Tgt Ion: 74 Resp: 27488  
Ion Ratio Lower Upper  
74 100  
45 96.6 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.180 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

ClientSampleId :

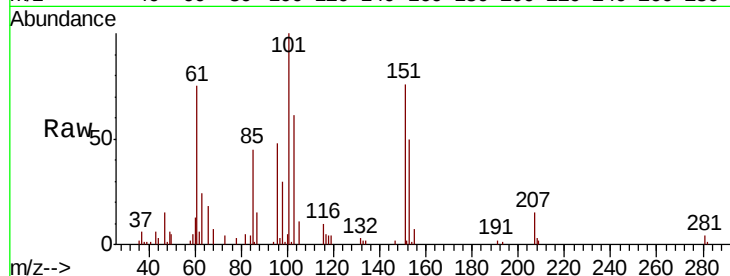
Tot Ion:101 Resp: 41405

Ion Ratio Lower Upper

101 100

85 45.1 35.1 52.7

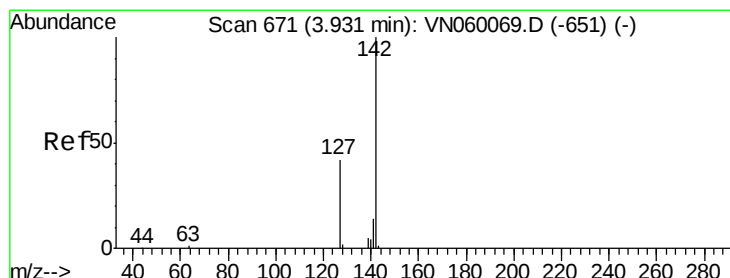
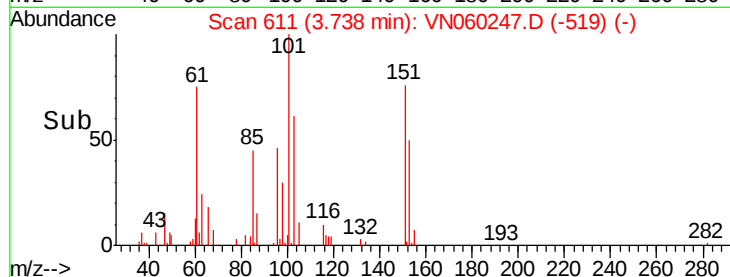
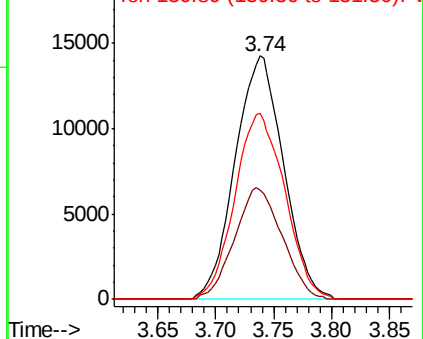
151 78.7 65.8 98.6



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: 14.938 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

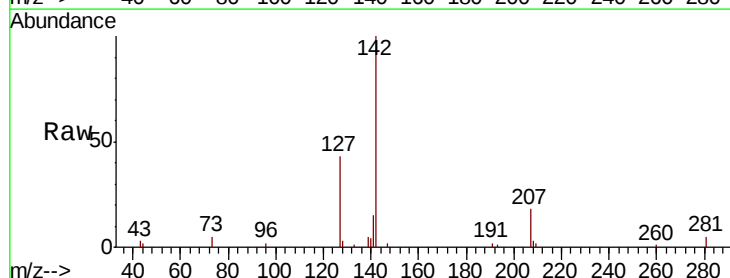
Tgt Ion:142 Resp: 36125

Ion Ratio Lower Upper

142 100

127 43.1 33.6 50.4

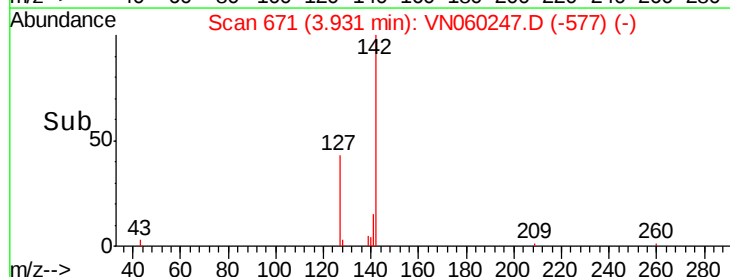
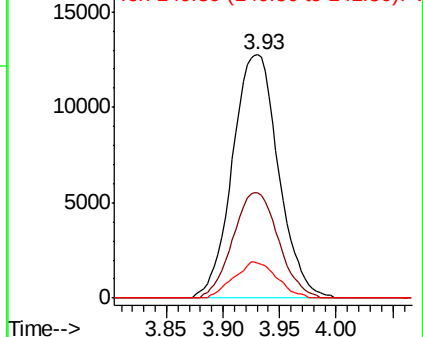
141 14.0 11.4 17.2

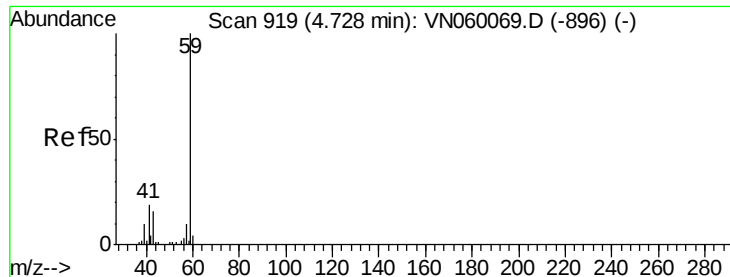


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



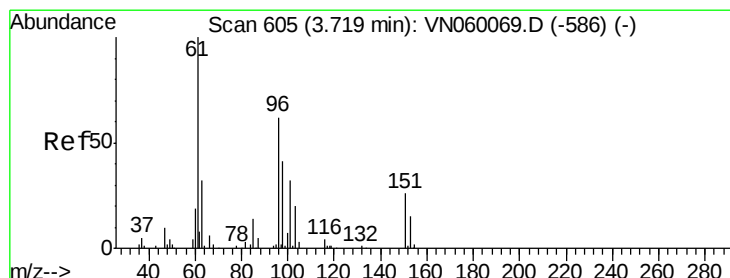
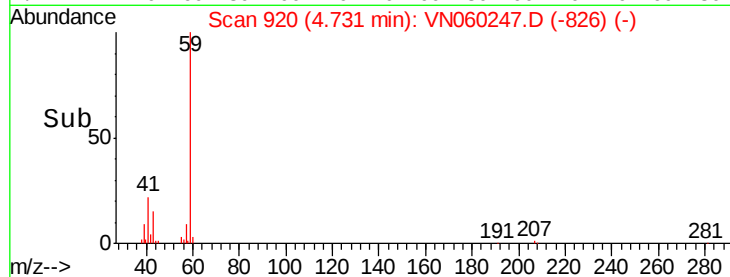
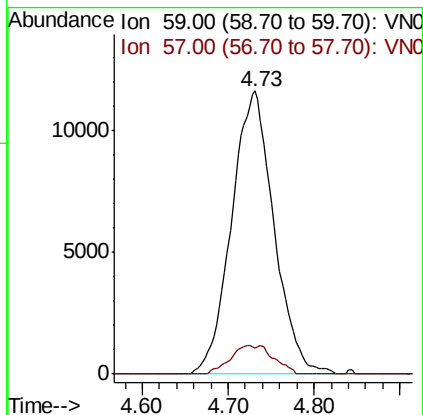
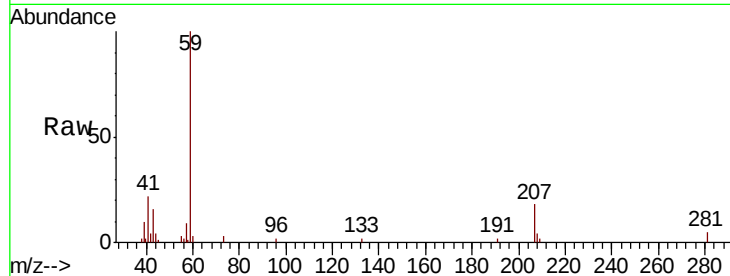


#11

Tert butyl alcohol  
 Concen: 103.325 ug/l  
 RT: 4.73 min Scan# 920  
 Delta R.T. 0.00 min  
 Lab File: VN060247.D  
 Acq: 26 Feb 2020 13:28

Instrument :  
 MSVOA\_N  
 ClientSampled :

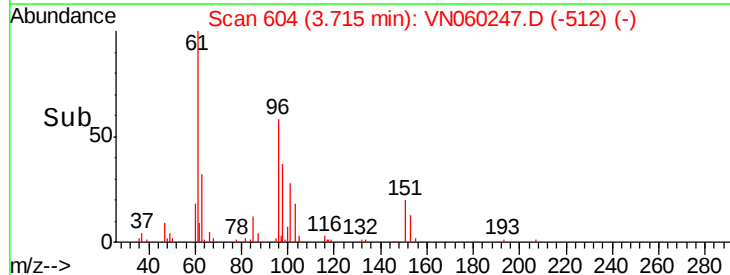
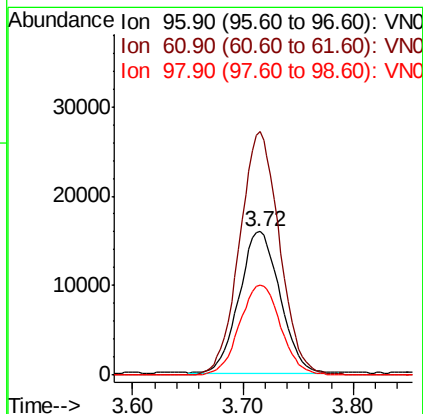
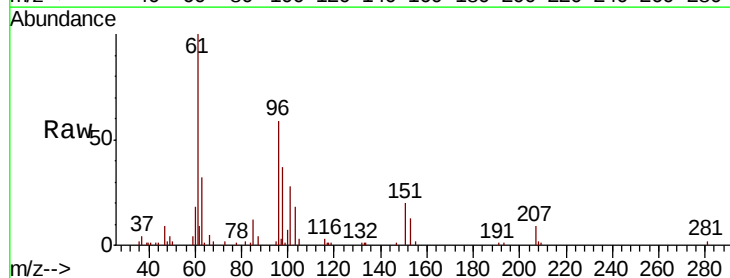
Tot Ion: 59 Resp: 39776  
 Ion Ratio Lower Upper  
 59 100  
 57 5.9 8.2 12.4#

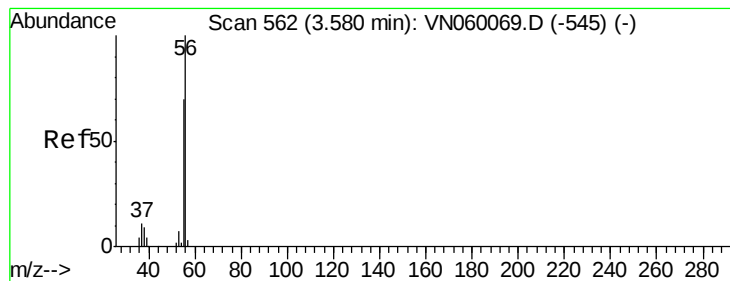


#12

1,1-Dichloroethene  
 Concen: 20.181 ug/l  
 RT: 3.72 min Scan# 604  
 Delta R.T. -0.00 min  
 Lab File: VN060247.D  
 Acq: 26 Feb 2020 13:28

Tgt Ion: 96 Resp: 40338  
 Ion Ratio Lower Upper  
 96 100  
 61 172.5 128.3 192.5  
 98 63.8 52.2 78.4





#13

Acrolein

Concen: 86.192 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

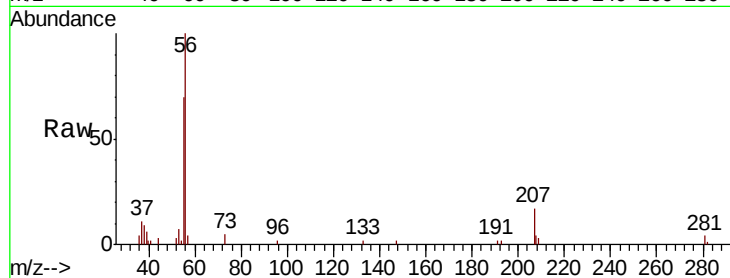
ClientSampleId :

Tot Ion: 56 Resp: 32797

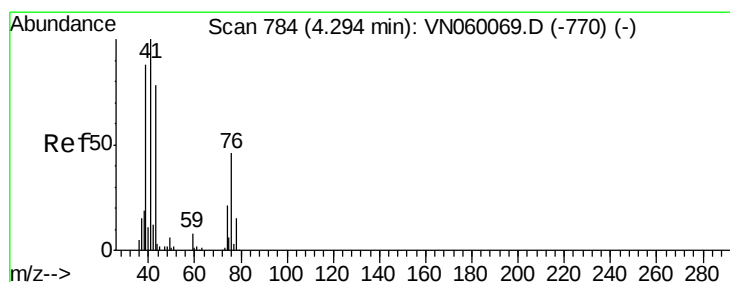
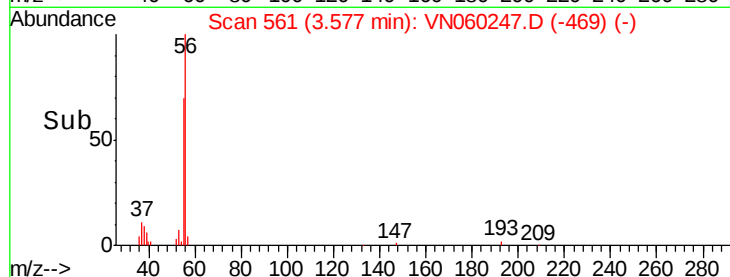
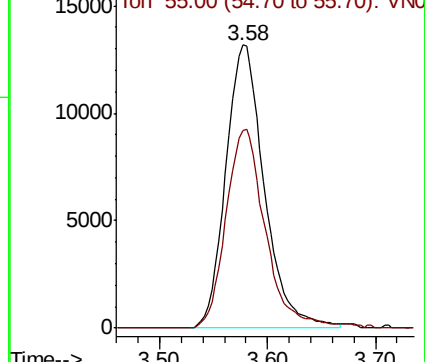
Ion Ratio Lower Upper

56 100

55 71.5 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN060069.D (-545) (-)



#14

Allyl chloride

Concen: 23.132 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

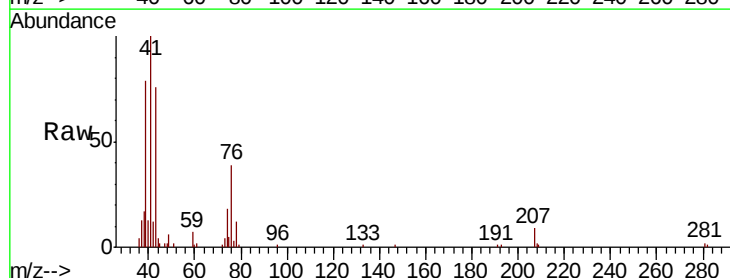
Tgt Ion: 41 Resp: 68054

Ion Ratio Lower Upper

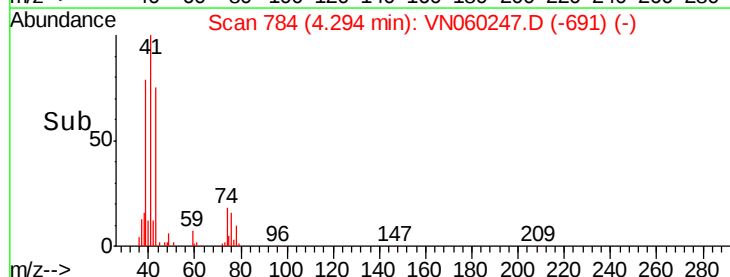
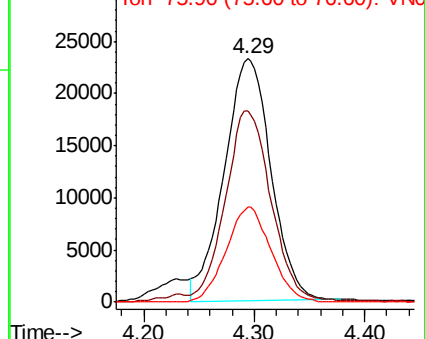
41 100

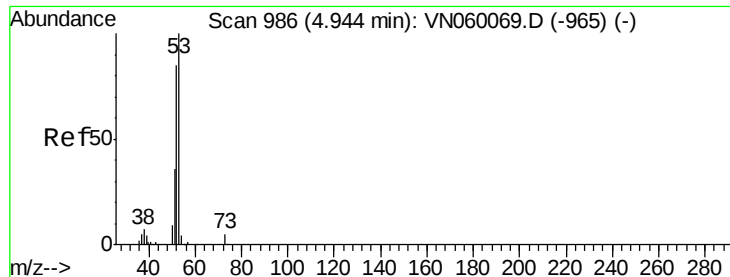
39 76.7 67.8 101.8

76 37.8 33.9 50.9



Abundance Ion 41.00 (40.70 to 41.70): VN060069.D (-770) (-)





#15

Acrylonitrile

Concen: 113.475 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

ClientSampleId :

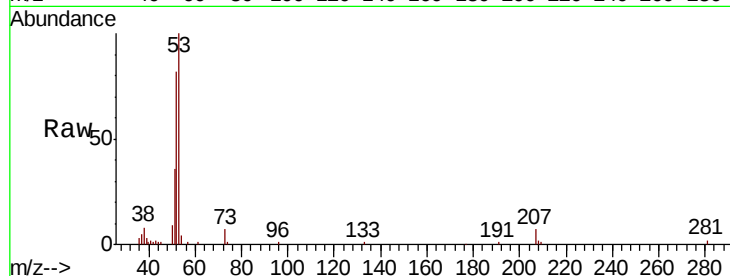
Tot Ion: 53 Resp: 106681

Ion Ratio Lower Upper

53 100

52 80.0 66.8 100.2

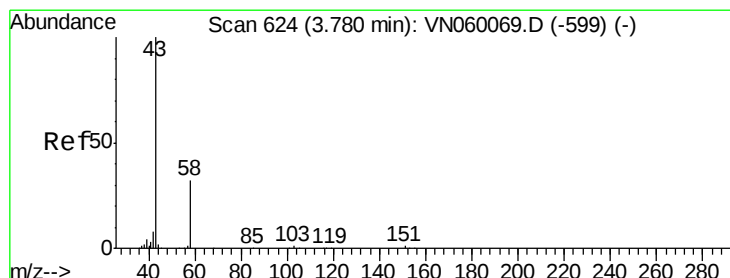
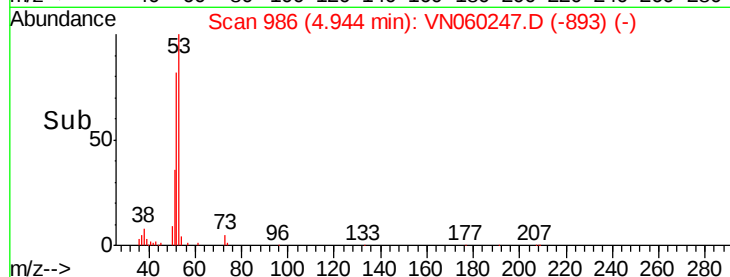
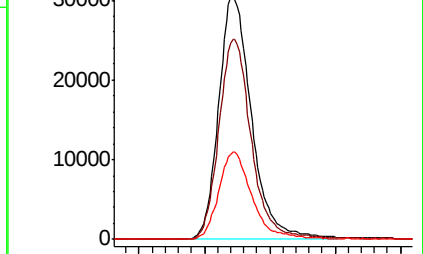
51 36.3 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN060247.D (-965) (-)

Ion 52.00 (51.70 to 52.70): VN060247.D (-965) (-)

Ion 51.00 (50.70 to 51.70): VN060247.D (-965) (-)



#16

Acetone

Concen: 73.353 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060247.D

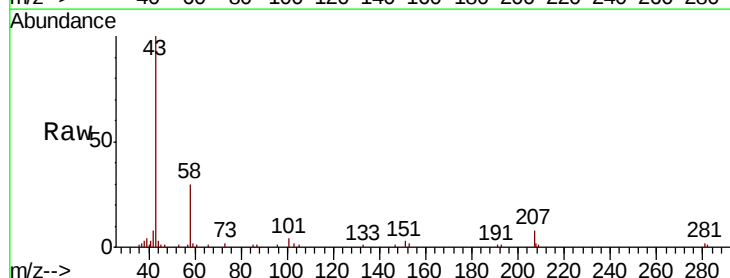
Acq: 26 Feb 2020 13:28

Tgt Ion: 43 Resp: 82310

Ion Ratio Lower Upper

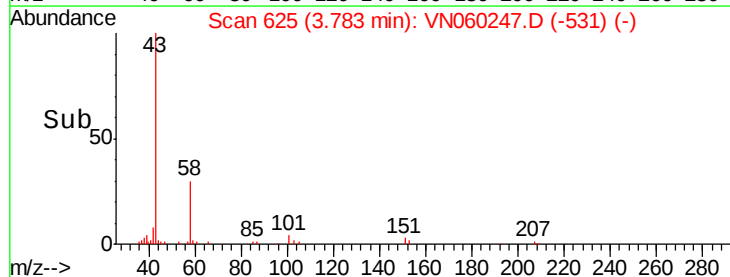
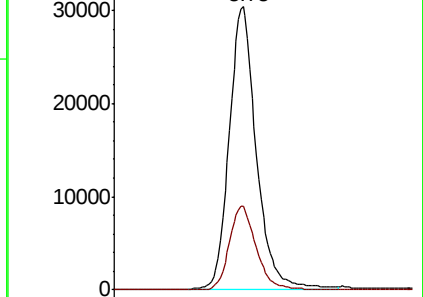
43 100

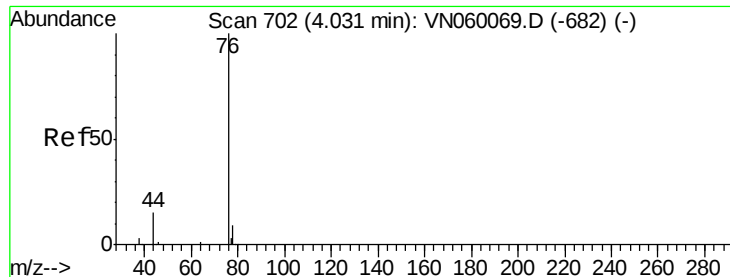
58 29.7 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060247.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN060247.D (-599) (-)

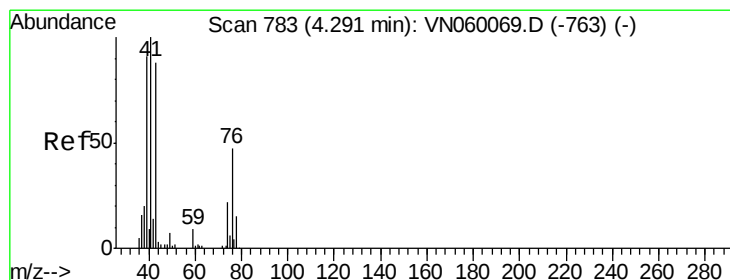
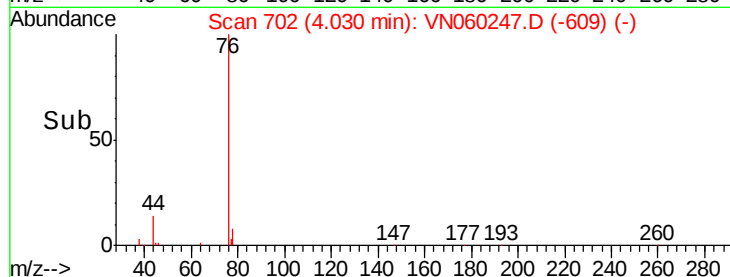
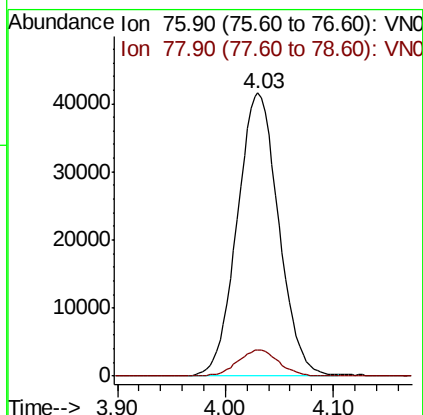
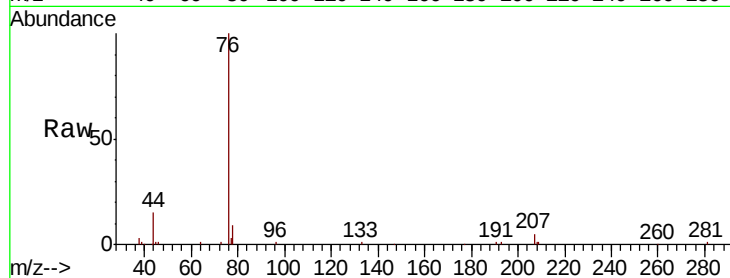




#17  
Carbon Disulfide  
Concen: 18.389 ug/l  
RT: 4.03 min Scan# 702  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

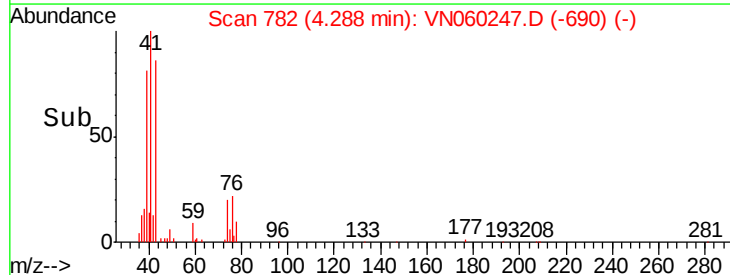
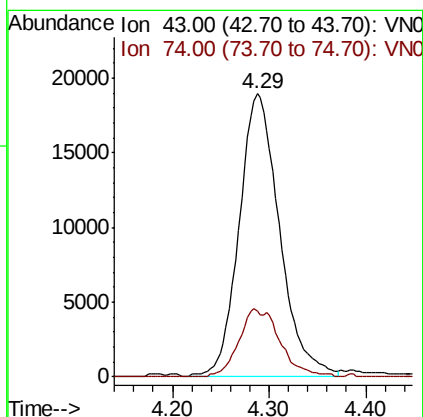
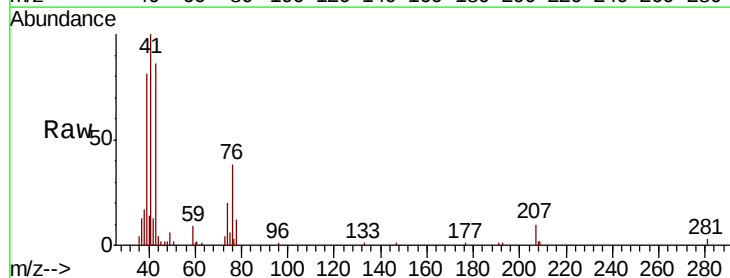
Instrument :  
MSVOA\_N  
ClientSampleId :

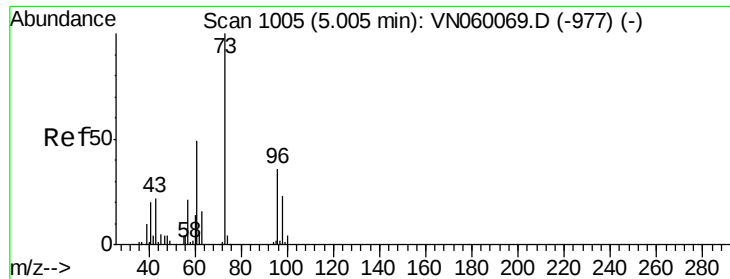
Tot Ion: 76 Resp: 110788  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.0 10.6



#18  
Methyl Acetate  
Concen: 26.168 ug/l  
RT: 4.29 min Scan# 782  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Tgt Ion: 43 Resp: 55160  
Ion Ratio Lower Upper  
43 100  
74 24.5 20.3 30.5

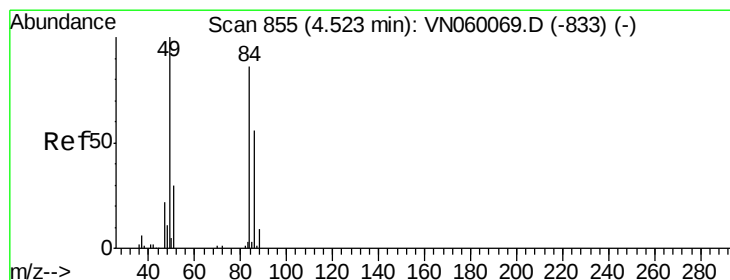
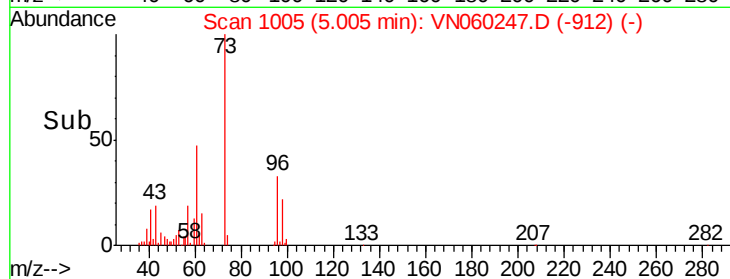
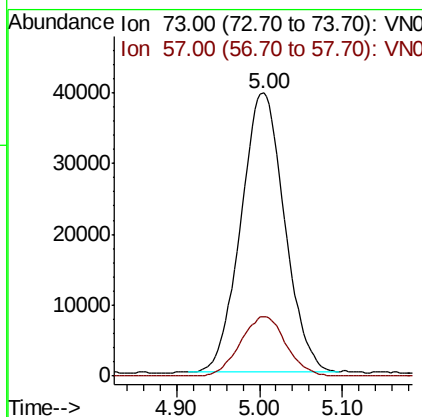
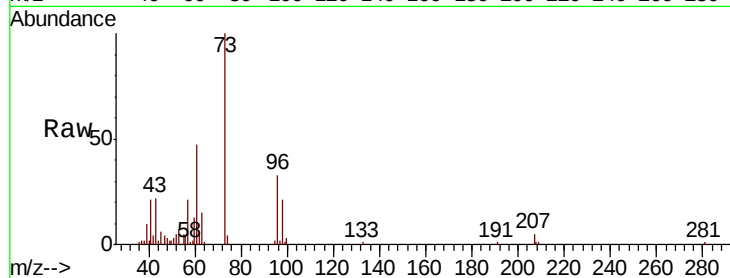




#19  
Methvl tert-butvl Ether  
Concen: 21.504 ug/l  
RT: 5.00 min Scan# 1005  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

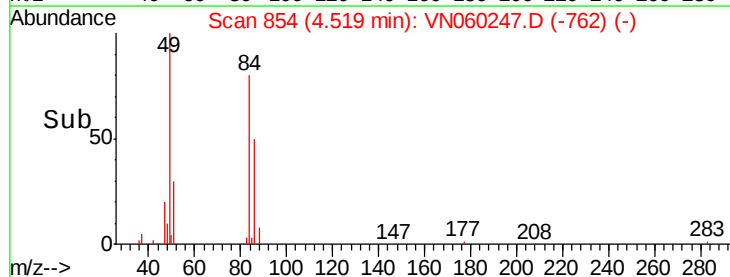
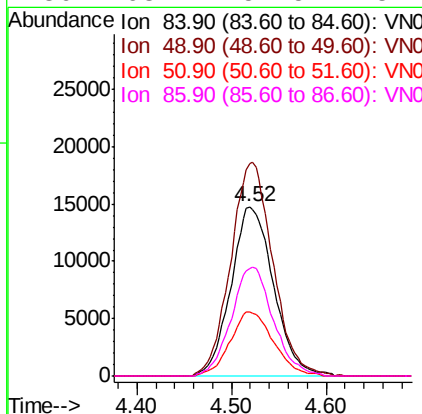
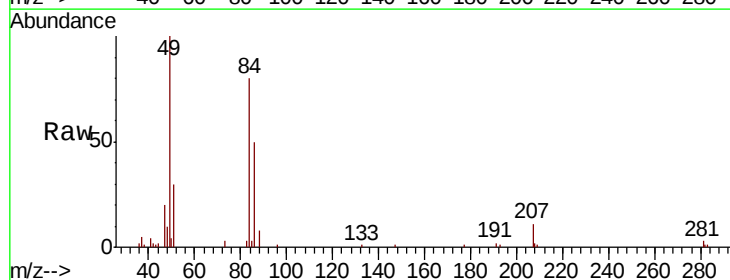
Instrument :  
MSVOA\_N  
ClientSampled :

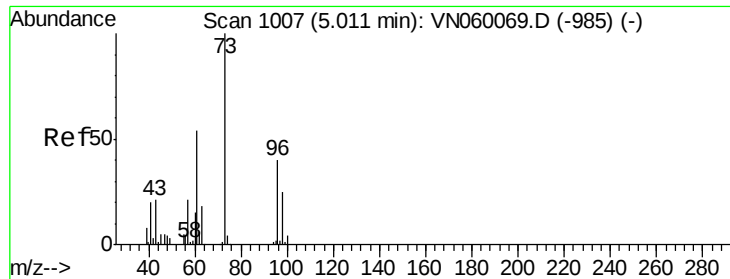
Tot Ion: 73 Resp: 144544  
Ion Ratio Lower Upper  
73 100  
57 21.3 17.2 25.8



#20  
Methylene Chloride  
Concen: 20.642 ug/l  
RT: 4.52 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Tgt Ion: 84 Resp: 46210  
Ion Ratio Lower Upper  
84 100  
49 125.7 93.4 140.0  
51 37.6 28.4 42.6  
86 63.1 52.5 78.7



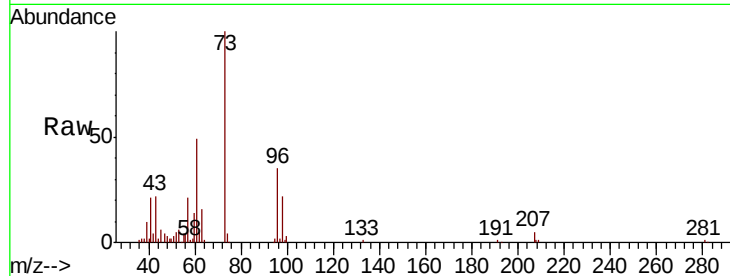


#21

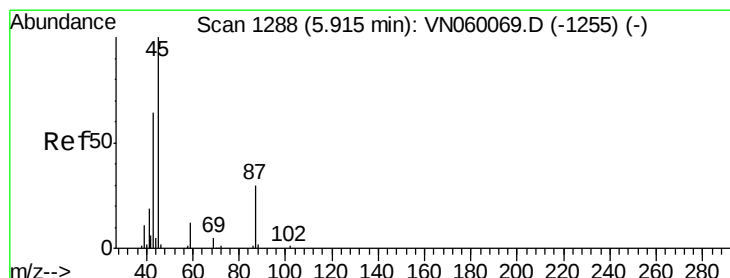
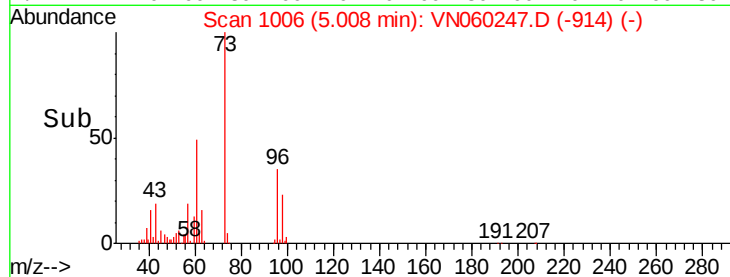
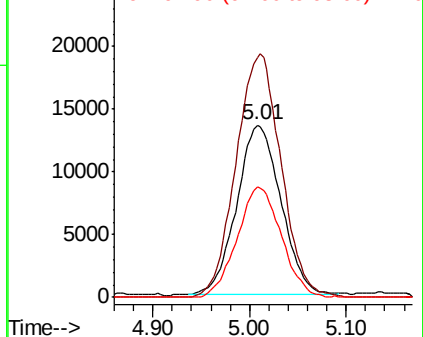
trans-1,2-Dichloroethene  
Concen: 19.731 ug/l  
RT: 5.01 min Scan# 1006  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 96 Resp: 42991  
Ion Ratio Lower Upper  
96 100  
61 141.8 109.3 163.9  
98 65.1 51.0 76.6



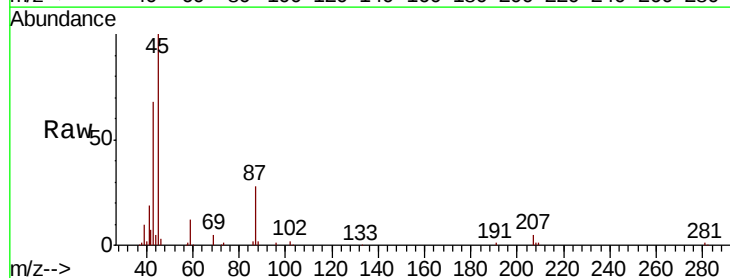
Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0



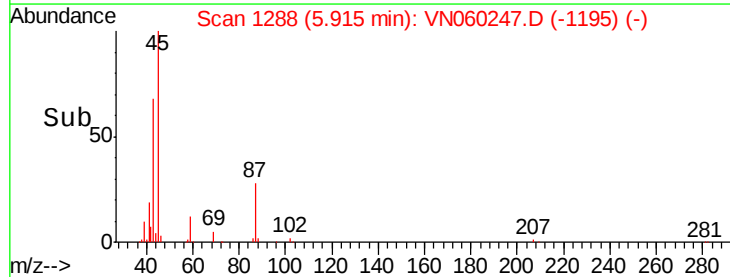
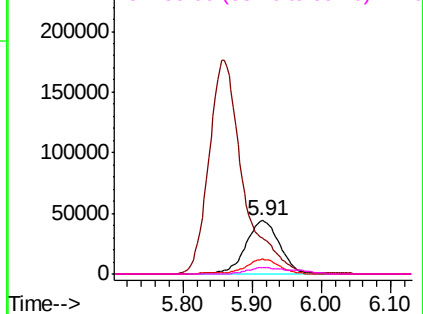
#22

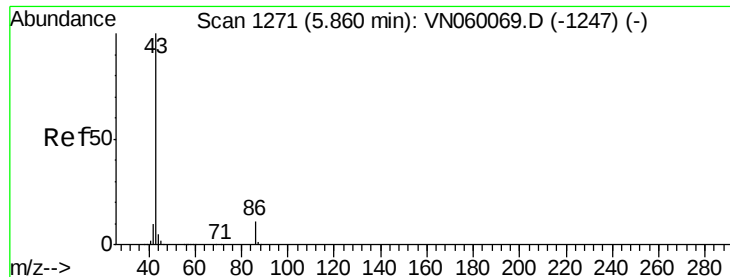
Diisopropyl ether  
Concen: 23.204 ug/l  
RT: 5.91 min Scan# 1288  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Tgt Ion: 45 Resp: 149609  
Ion Ratio Lower Upper  
45 100  
43 66.3 55.9 83.9  
87 27.8 24.5 36.7  
59 11.4 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 87.00 (86.70 to 87.70): VN0  
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 111.180 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

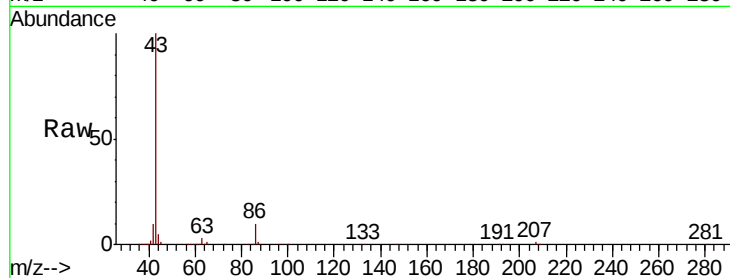
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 43 Resp: 601978

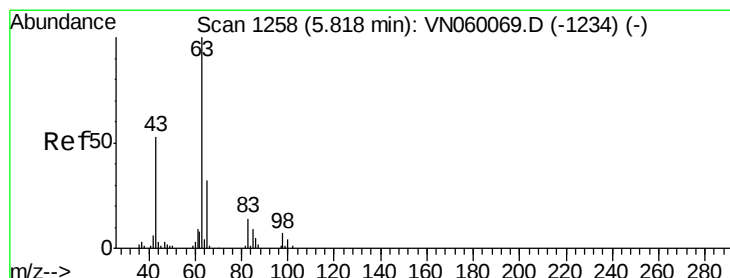
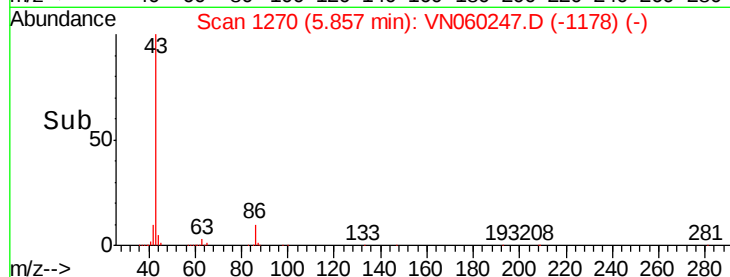
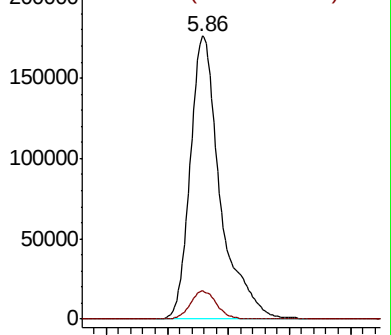
Ion Ratio Lower Upper

43 100

86 9.9 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 21.891 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

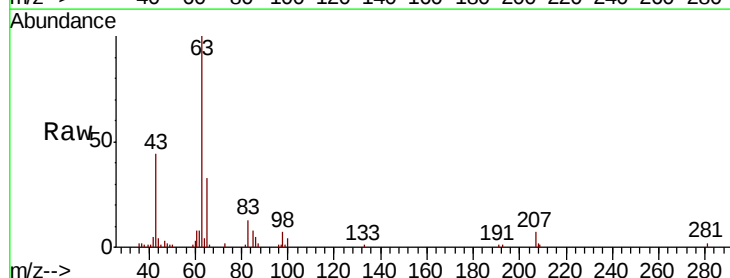
Tgt Ion: 63 Resp: 85501

Ion Ratio Lower Upper

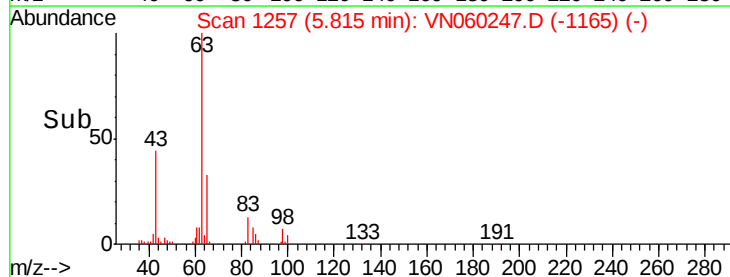
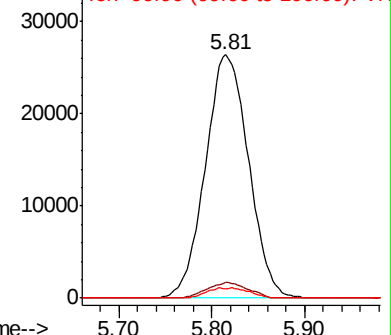
63 100

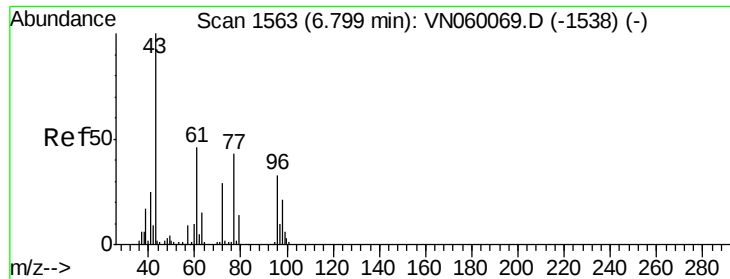
98 6.5 3.5 10.5

100 3.9 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0  
Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 95.994 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

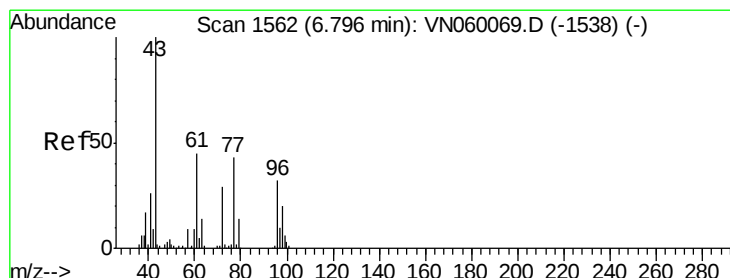
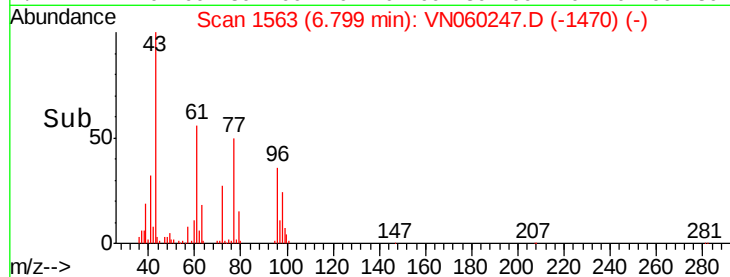
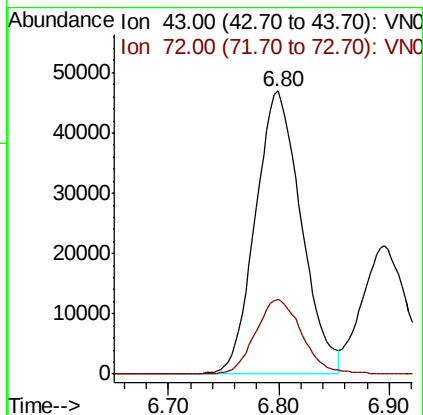
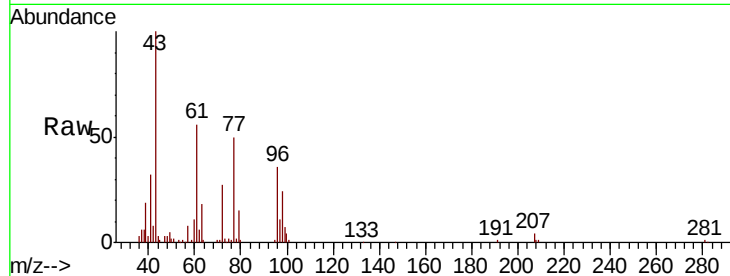
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 43 Resp: 135472

Ion Ratio Lower Upper

43 100

72 26.6 23.3 34.9



#26

2,2-Dichloropropane

Concen: 20.518 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060247.D

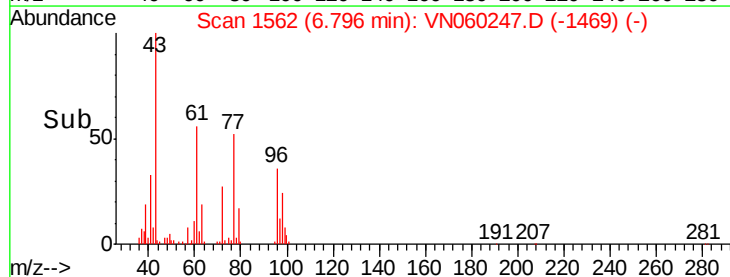
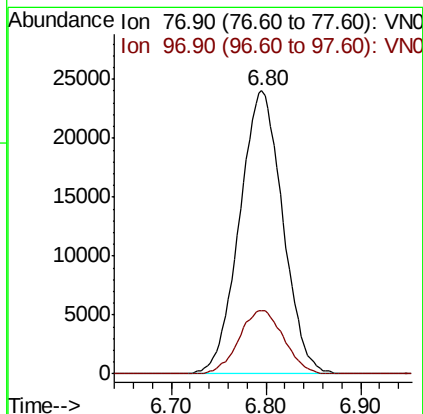
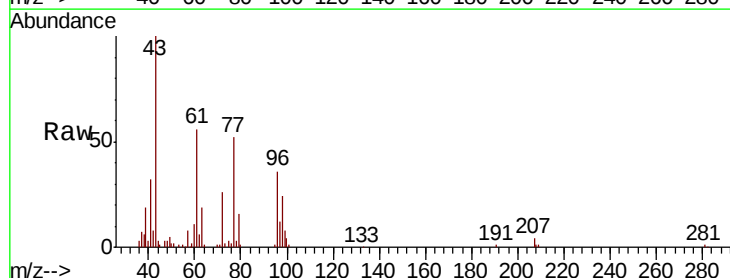
Acq: 26 Feb 2020 13:28

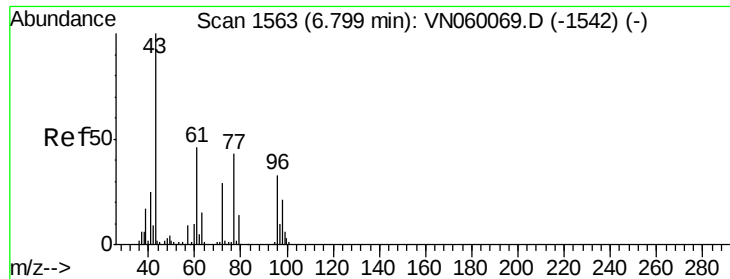
Tgt Ion: 77 Resp: 76117

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.086 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

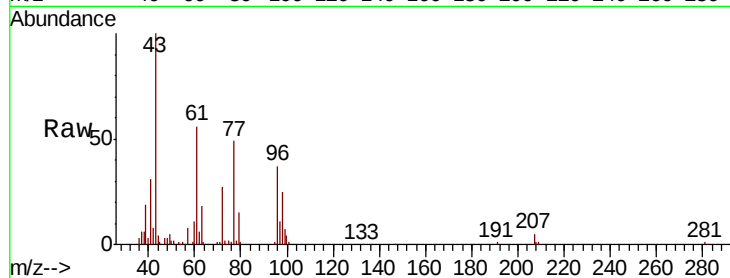
Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 96 Resp: 51219

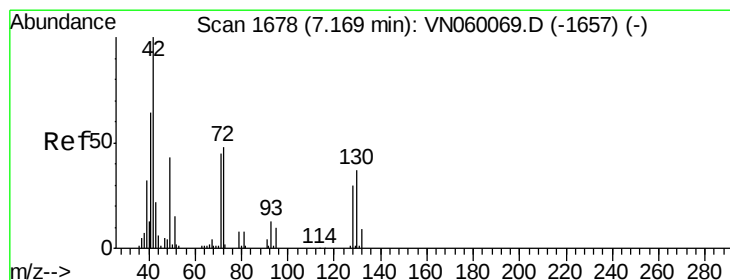
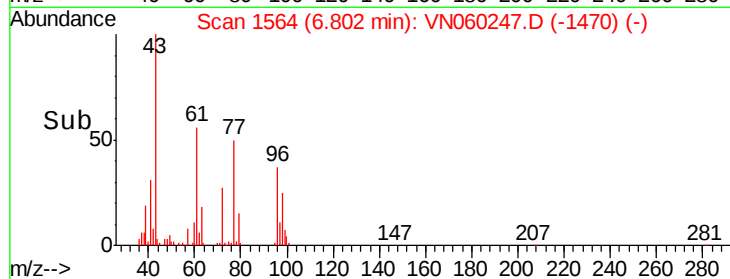
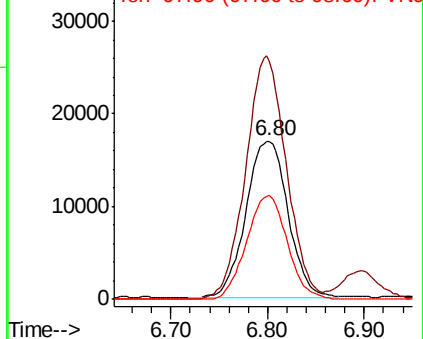
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 149.2 | 0.0   | 285.8 |
| 98  | 63.9  | 0.0   | 129.6 |



Abundance Ion 95.90 (95.60 to 96.60): VN060069.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN060069.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN060069.D (-1542) (-)



#28

Bromochloromethane

Concen: 23.542 ug/l

RT: 7.17 min Scan# 1678

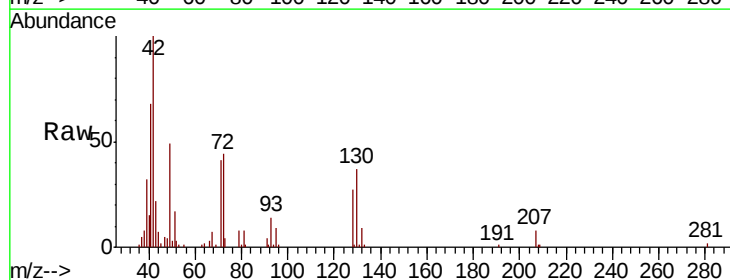
Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Tgt Ion: 49 Resp: 36150

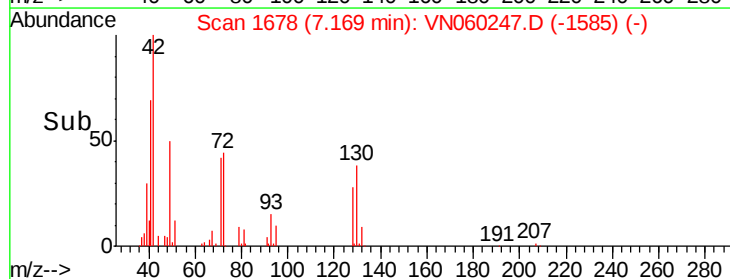
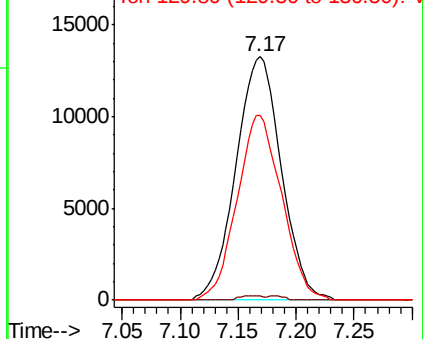
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.0   | 0.0   | 2.2   |
| 130 | 74.6  | 66.8  | 100.2 |

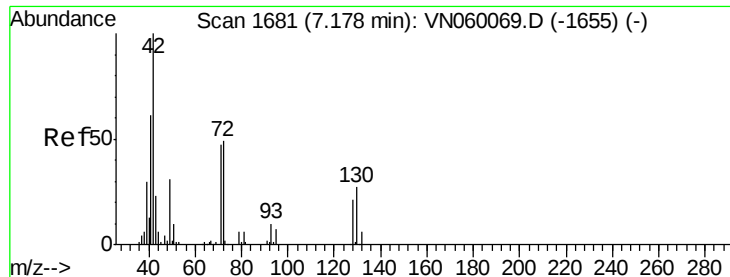


Abundance Ion 48.90 (48.60 to 49.60): VN060069.D (-1657) (-)

Ion 128.80 (128.50 to 129.50): VN060069.D (-1657) (-)

Ion 129.80 (129.50 to 130.50): VN060069.D (-1657) (-)

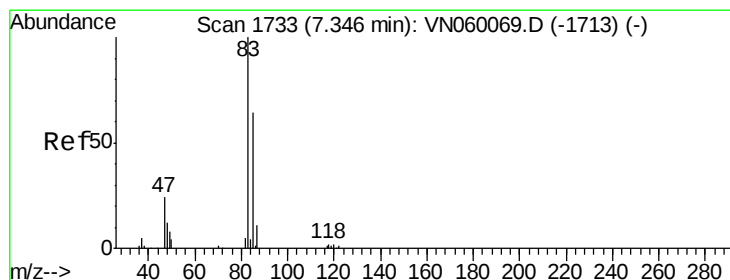
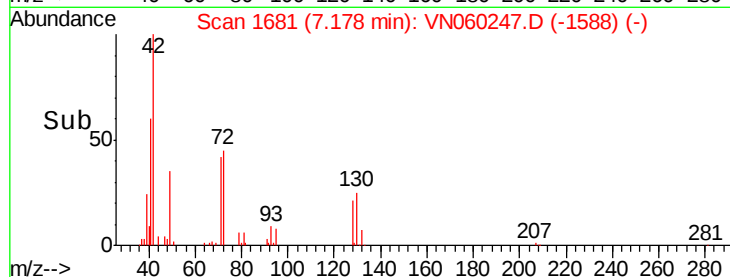
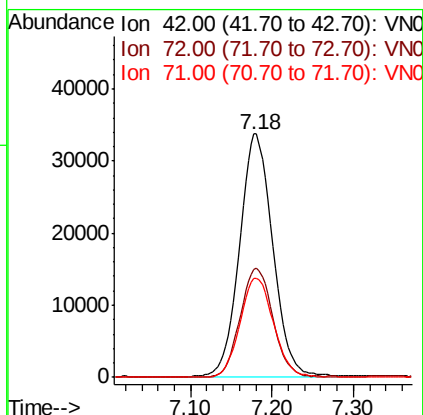
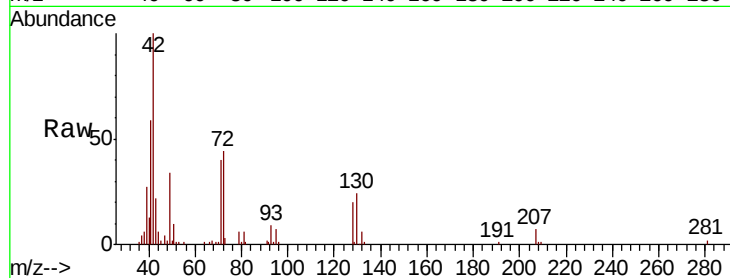




#29  
Tetrahydrofuran  
Concen: 110.408 ug/l  
RT: 7.18 min Scan# 1681  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

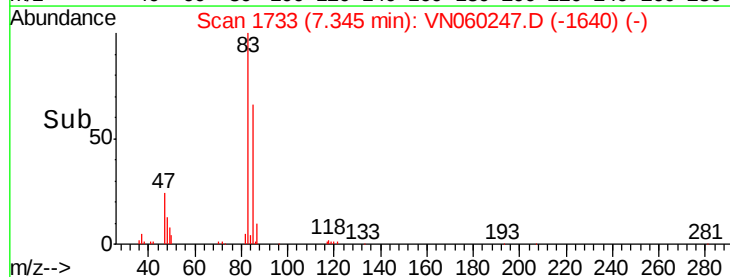
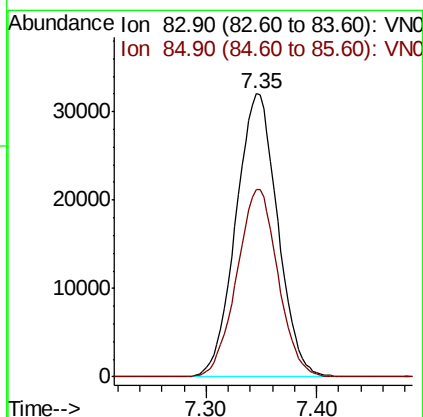
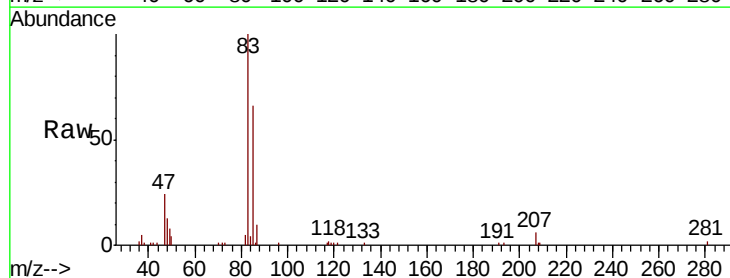
Instrument :  
MSVOA\_N  
ClientSampleId :

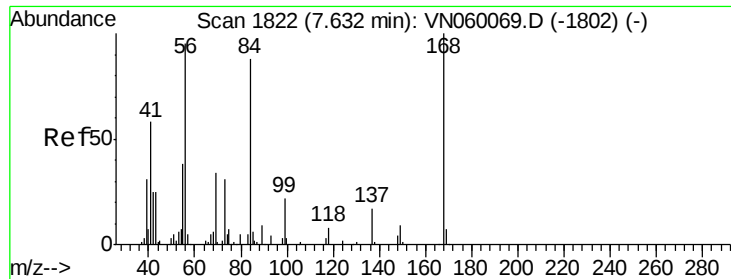
Tot Ion: 42 Resp: 95589  
Ion Ratio Lower Upper  
42 100  
72 43.6 38.2 57.4  
71 40.8 36.6 54.8



#30  
Chloroform  
Concen: 20.463 ug/l  
RT: 7.35 min Scan# 1733  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Tgt Ion: 83 Resp: 83724  
Ion Ratio Lower Upper  
83 100  
85 66.3 51.4 77.0

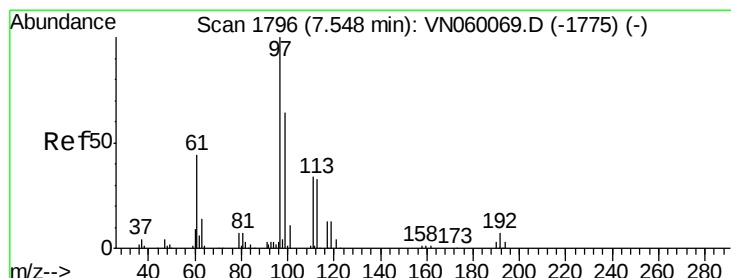
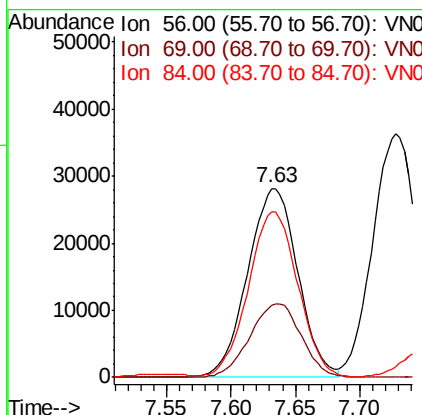
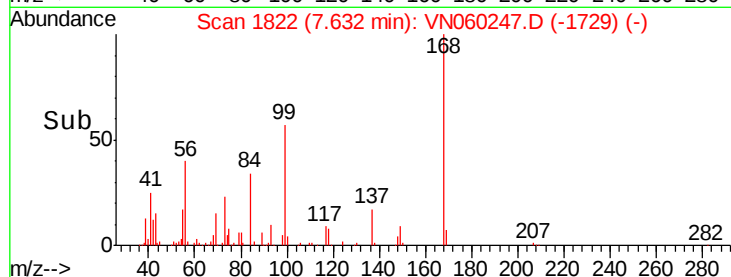
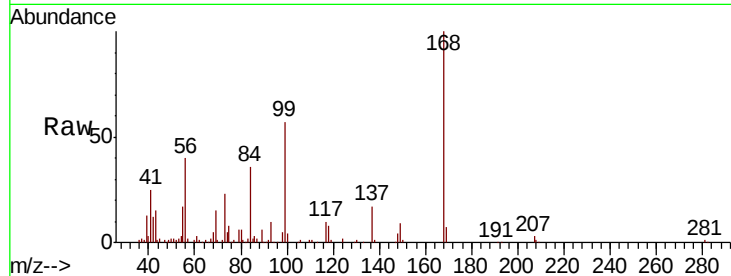




#31  
Cyclohexane  
Concen: 20.974 ug/l  
RT: 7.63 min Scan# 1822  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

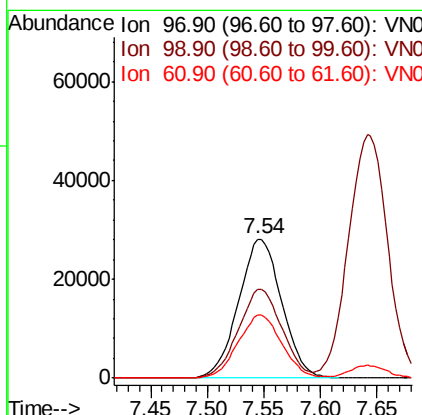
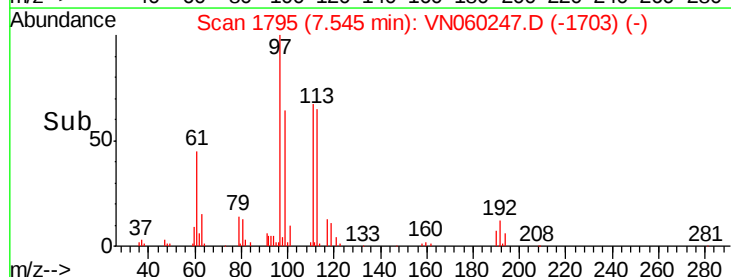
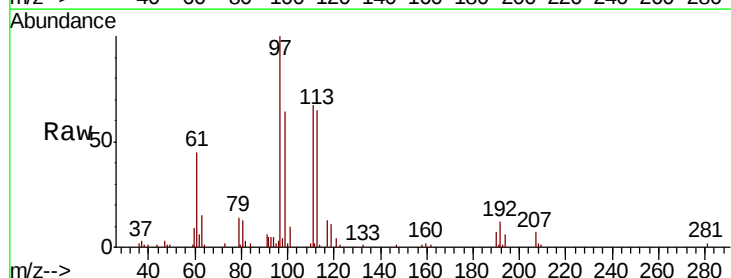
Instrument :  
MSVOA\_N  
ClientSampled :

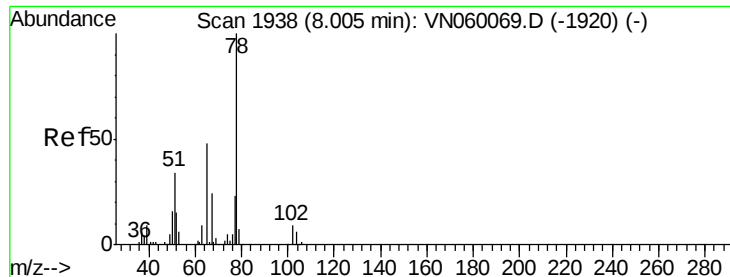
Tot Ion: 56 Resp: 76311  
Ion Ratio Lower Upper  
56 100  
69 38.4 28.3 42.5  
84 86.7 72.6 108.8



#32  
1,1,1-Trichloroethane  
Concen: 19.977 ug/l  
RT: 7.54 min Scan# 1795  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Tgt Ion: 97 Resp: 74693  
Ion Ratio Lower Upper  
97 100  
99 64.4 51.4 77.0  
61 45.8 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 53.106 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

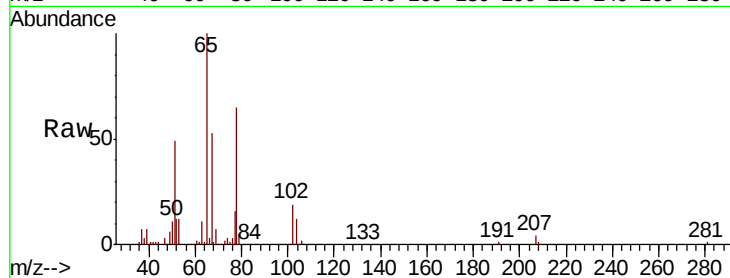
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 65 Resp: 136615

Ion Ratio Lower Upper

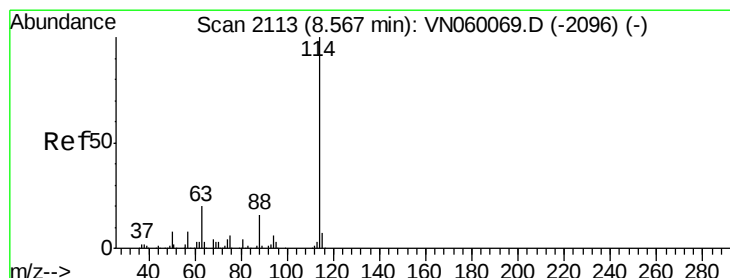
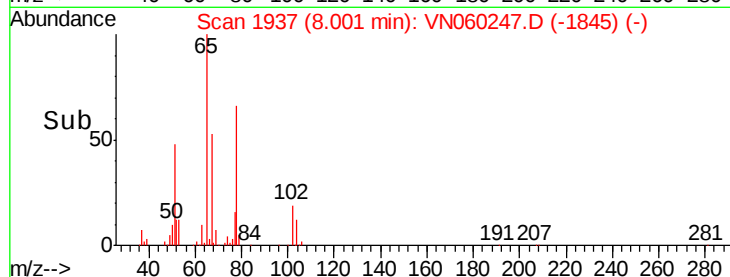
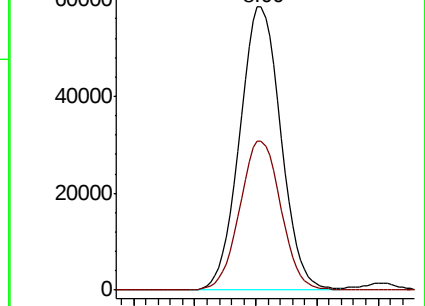
65 100

67 52.6 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN060247.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060247.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

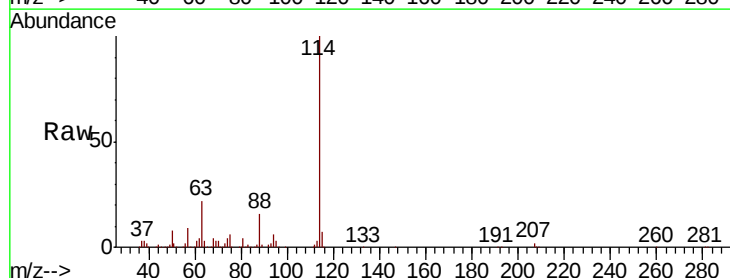
Tgt Ion: 114 Resp: 336950

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

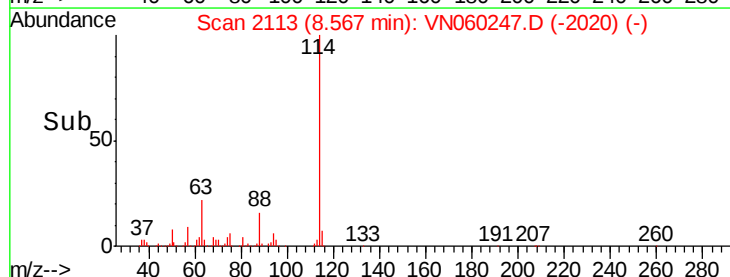
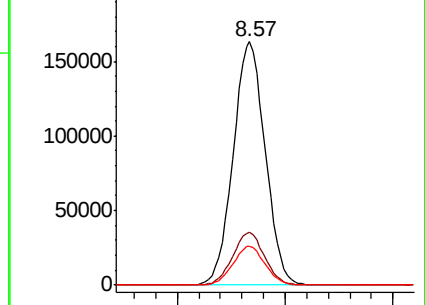
88 16.0 0.0 31.6

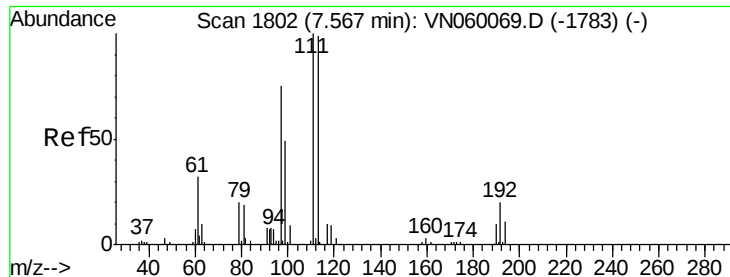


Abundance Ion 113.90 (113.60 to 114.60): VN060247.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN060247.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN060247.D (-2020) (-)

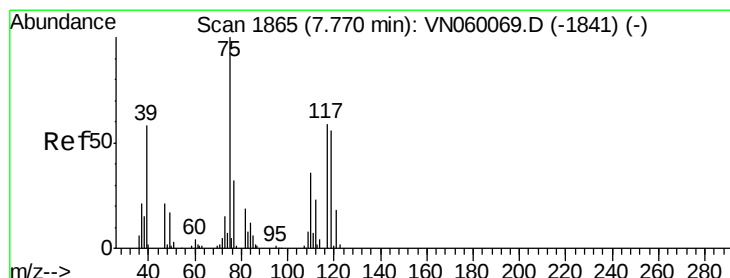
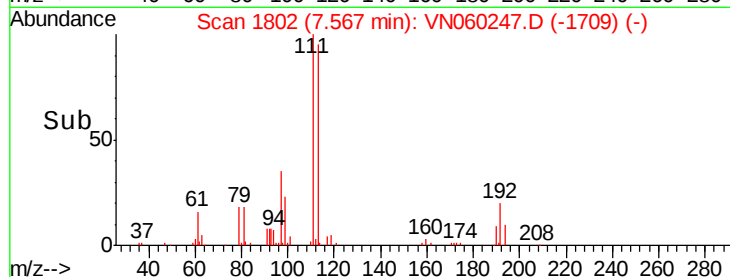
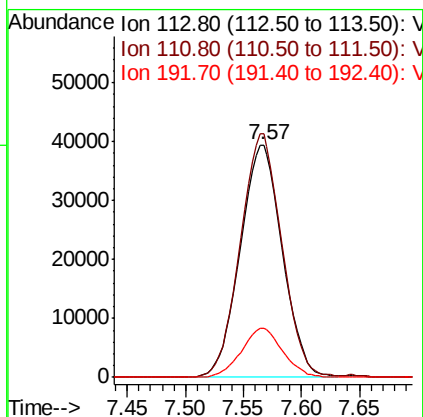
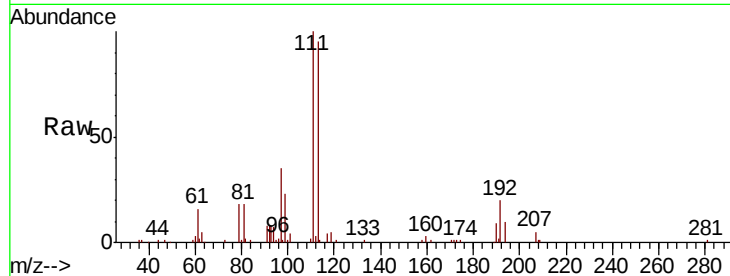




#35  
Dibromofluoromethane  
Concen: 48.176 ug/l  
RT: 7.57 min Scan# 1802  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

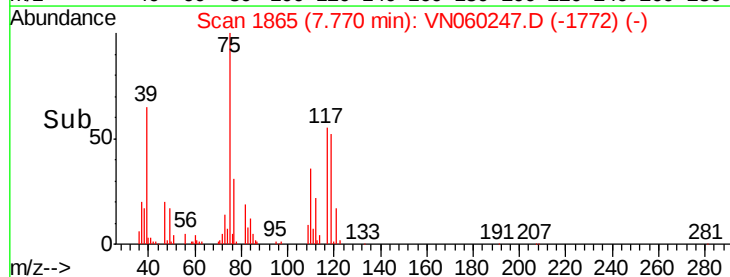
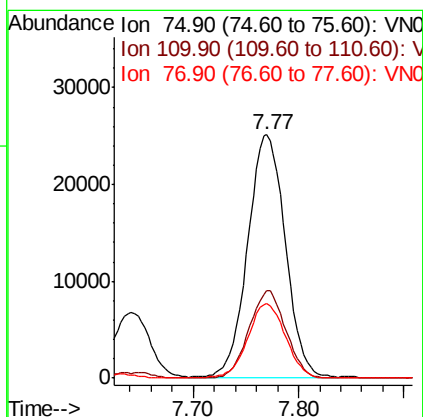
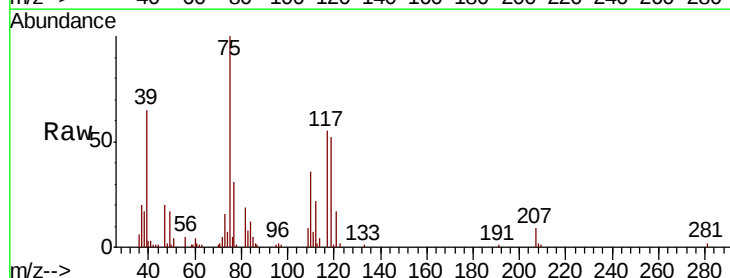
Instrument :  
MSVOA\_N  
ClientSampled :

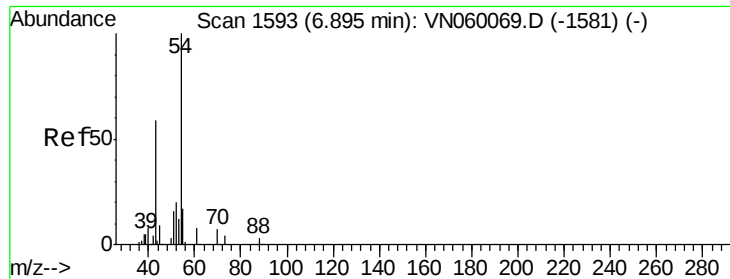
Tot Ion:113 Resp: 99784  
Ion Ratio Lower Upper  
113 100  
111 103.0 81.4 122.2  
192 20.6 16.2 24.2



#36  
1,1-Dichloropropene  
Concen: 20.116 ug/l  
RT: 7.77 min Scan# 1865  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Tgt Ion: 75 Resp: 62780  
Ion Ratio Lower Upper  
75 100  
110 34.8 18.1 54.3  
77 30.5 25.1 37.7

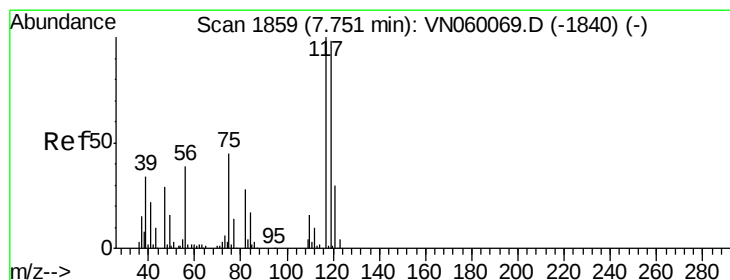
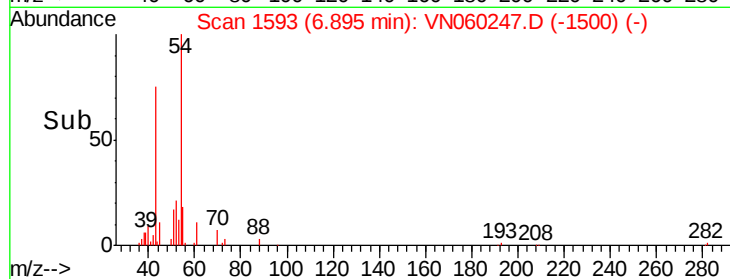
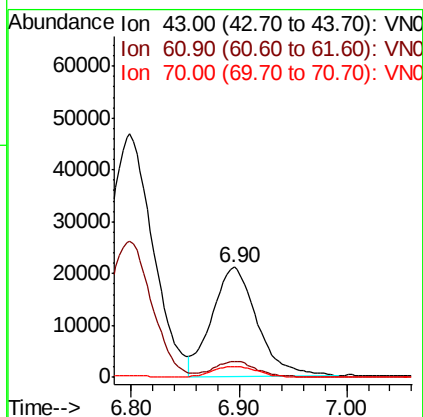
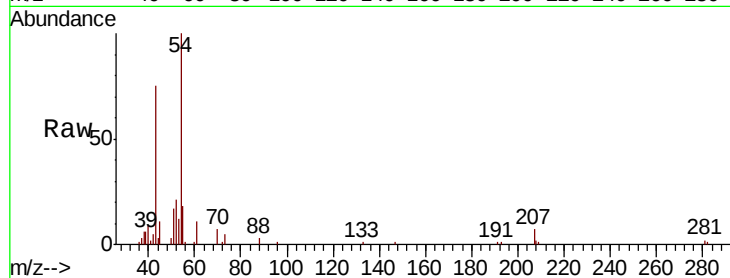




#37  
Ethyl Acetate  
Concen: 21.548 ug/l  
RT: 6.90 min Scan# 1593  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

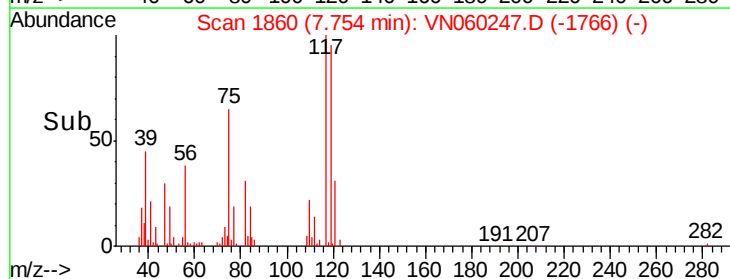
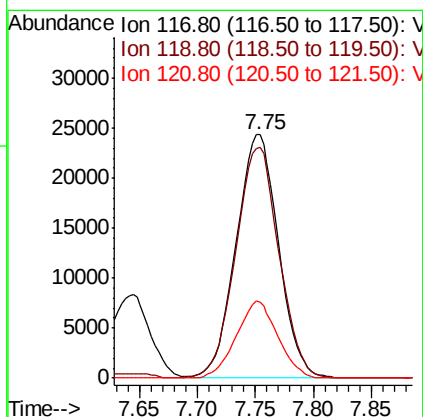
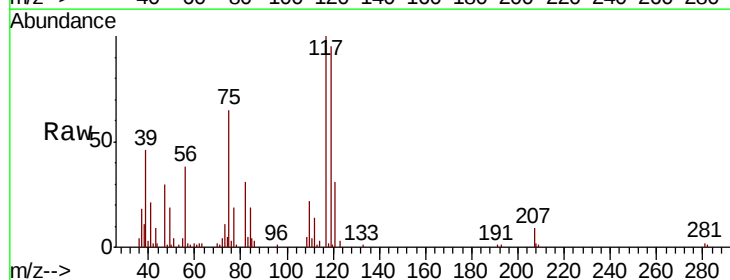
Instrument :  
MSVOA\_N  
ClientSampled :

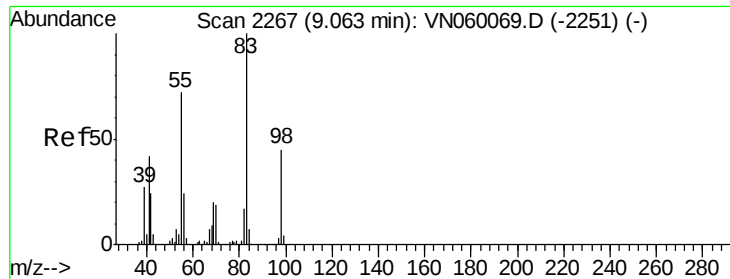
Tot Ion: 43 Resp: 60780  
Ion Ratio Lower Upper  
43 100  
61 14.2 11.4 17.2  
70 10.1 8.7 13.1



#38  
Carbon Tetrachloride  
Concen: 18.264 ug/l  
RT: 7.75 min Scan# 1860  
Delta R.T. 0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Tgt Ion: 117 Resp: 61906  
Ion Ratio Lower Upper  
117 100  
119 94.6 78.2 117.4  
121 31.4 24.2 36.2

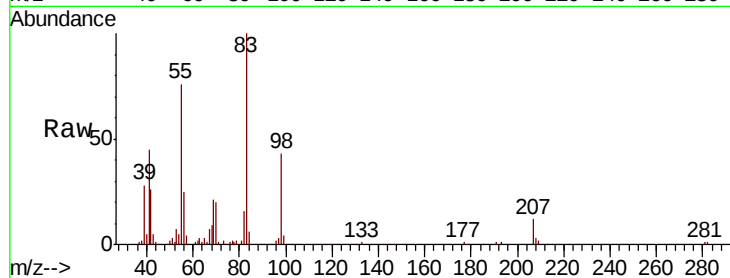




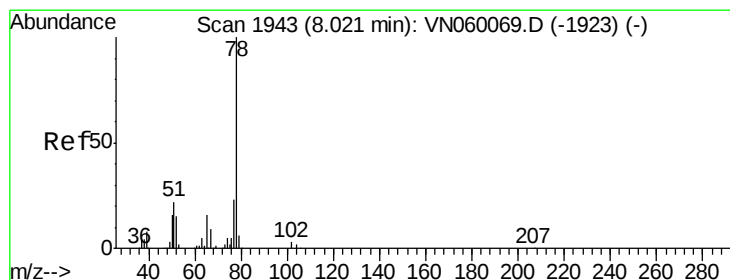
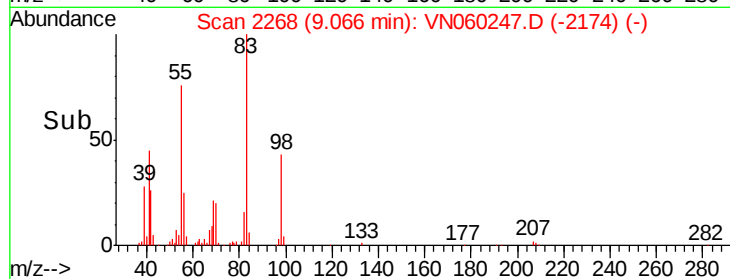
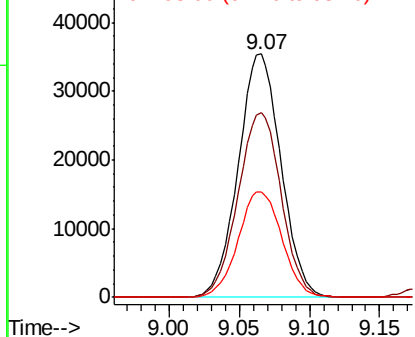
#39  
Methvlcvclohexane  
Concen: 19.385 ug/l  
RT: 9.07 min Scan# 2267  
Delta R.T. 0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 83 Resp: 75101  
Ion Ratio Lower Upper  
83 100  
55 75.8 57.8 86.8  
98 43.2 36.4 54.6

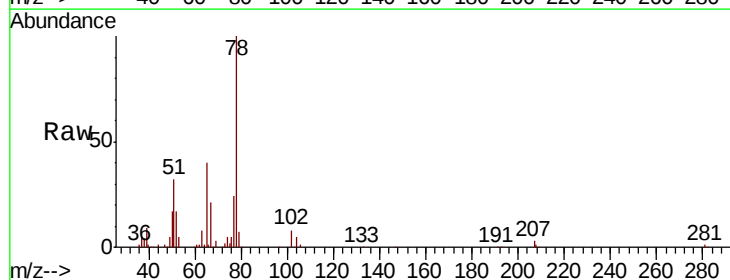


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

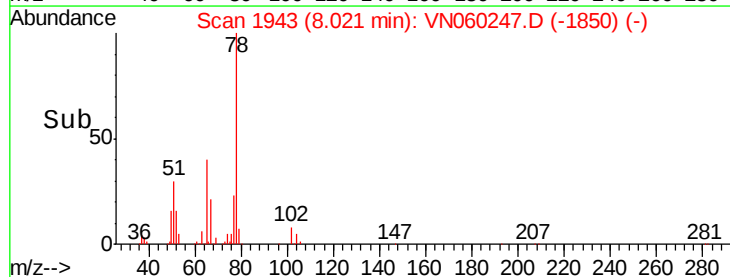
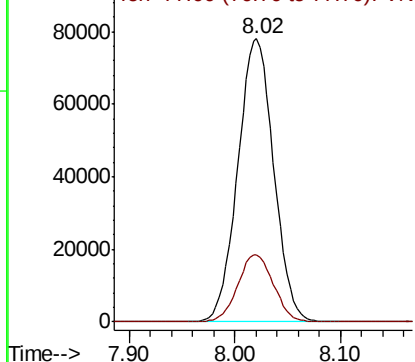


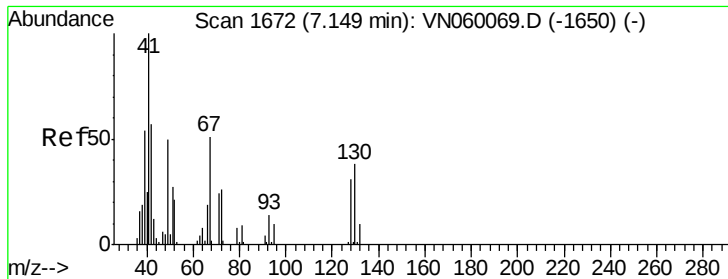
#40  
Benzene  
Concen: 19.941 ug/l  
RT: 8.02 min Scan# 1943  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Tgt Ion: 78 Resp: 184615  
Ion Ratio Lower Upper  
78 100  
77 23.6 18.8 28.2



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

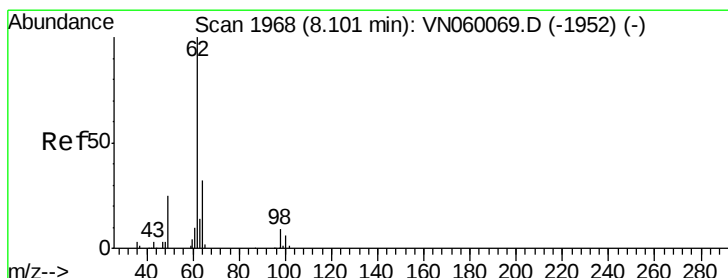
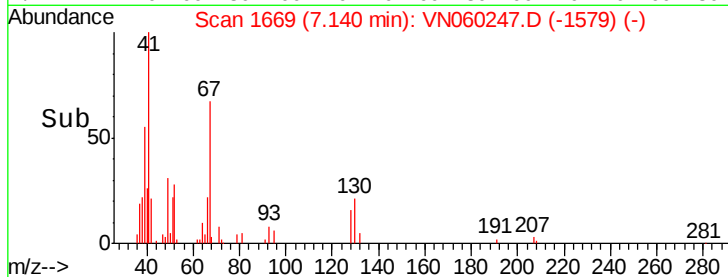
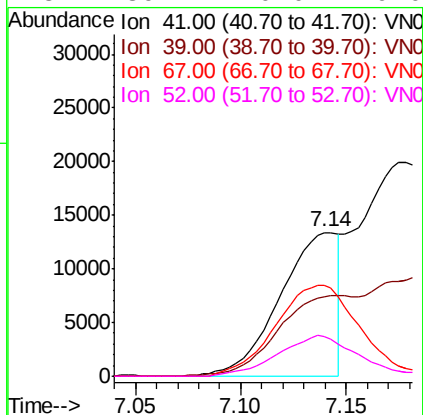
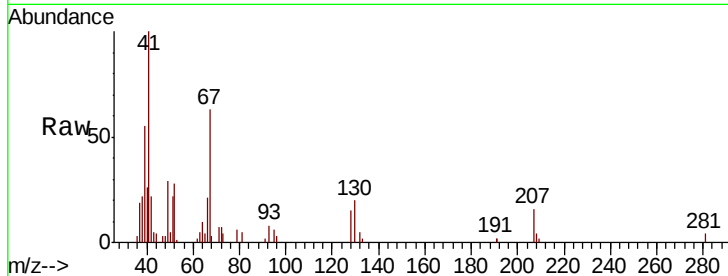




#41  
Methacrylonitrile  
Concen: 21.681 ug/l  
RT: 7.14 min Scan# 1669  
Delta R.T. -0.01 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

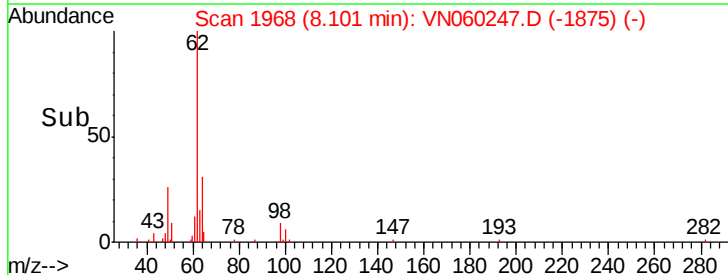
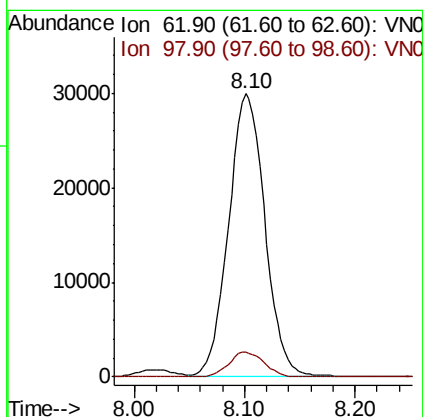
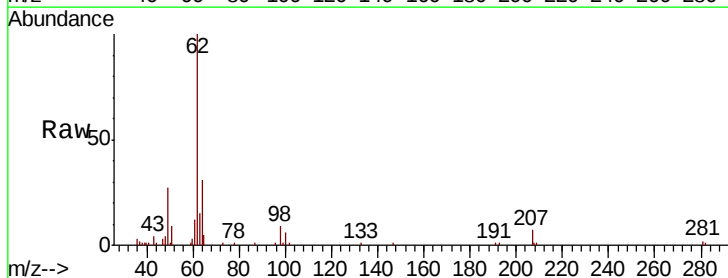
Instrument :  
MSVOA\_N  
ClientSampled :

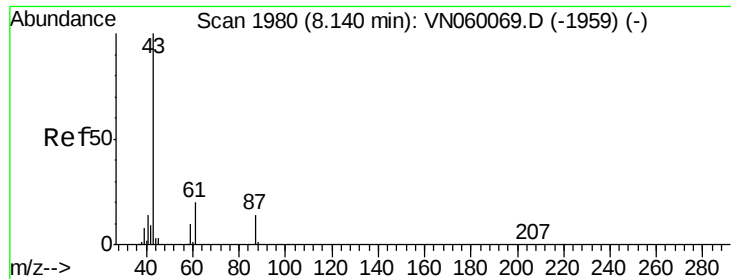
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 25646 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 75.0  | 0.0   | 0.0#  |
| 67       | 92.4  | 0.0   | 0.0#  |
| 52       | 39.2  | 0.0   | 0.0#  |



#42  
1,2-Dichloroethane  
Concen: 21.087 ug/l  
RT: 8.10 min Scan# 1968  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 68424 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.4   | 0.0   | 18.2  |





#43

Isopropyl Acetate

Concen: 21.800 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

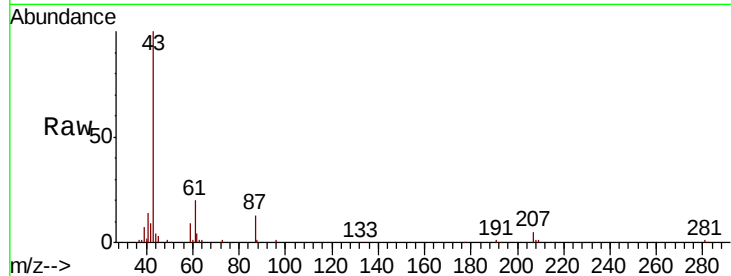
Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 43 Resp: 105110

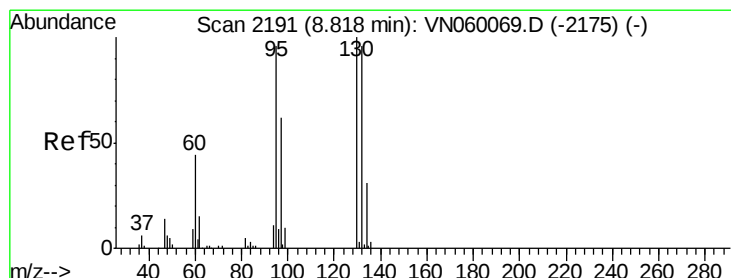
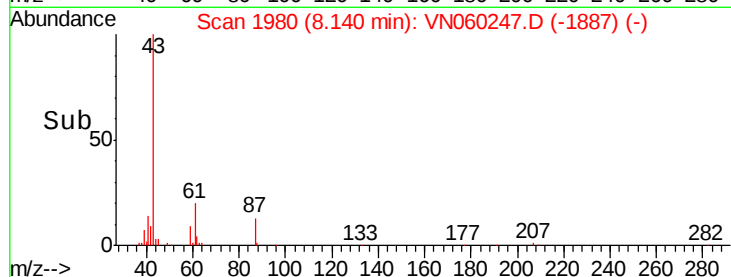
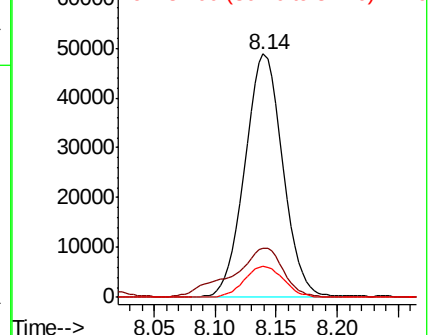
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 27.1  | 21.8  | 32.6  |
| 87  | 13.2  | 11.4  | 17.2  |



Abundance Ion 43.00 (42.70 to 43.70): VN060247.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060247.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060247.D (-1959) (-)



#44

Trichloroethene

Concen: 20.581 ug/l

RT: 8.82 min Scan# 2191

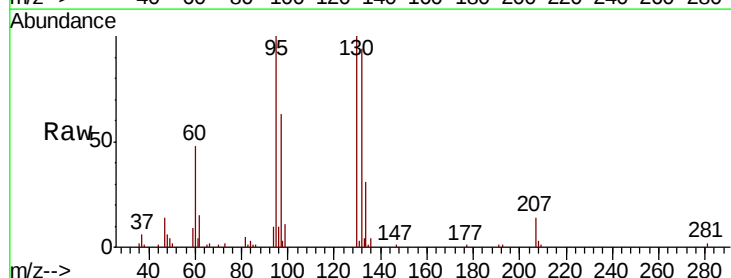
Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

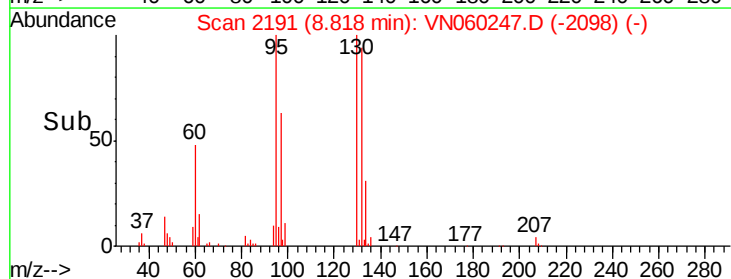
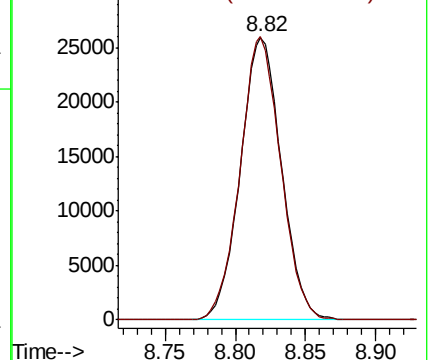
Tgt Ion: 130 Resp: 52758

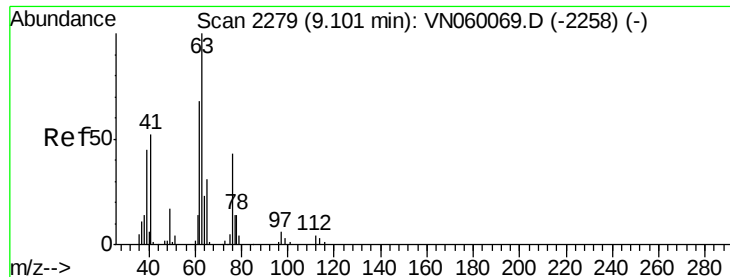
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 100.3 | 0.0   | 192.4 |



Abundance Ion 129.80 (129.50 to 130.50): VN060247.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060247.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 21.360 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

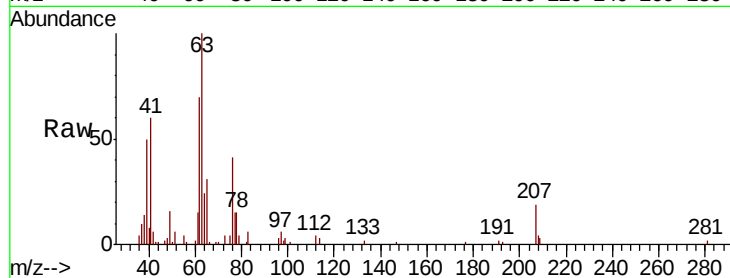
ClientSampled :

Tot Ion: 63 Resp: 48959

Ion Ratio Lower Upper

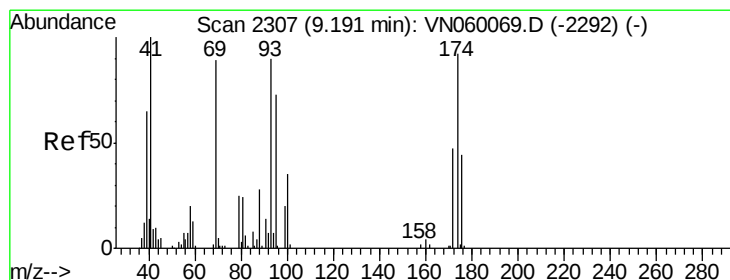
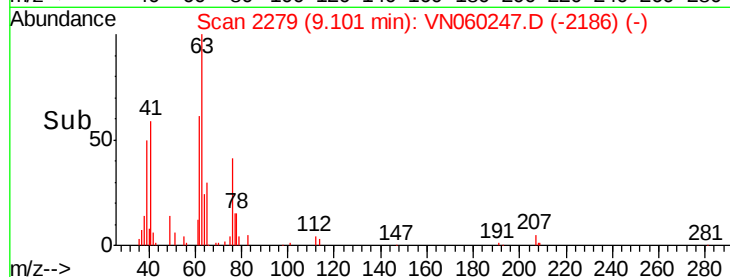
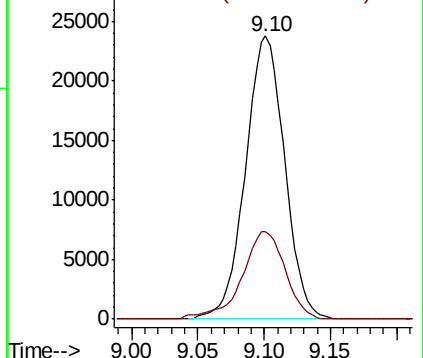
63 100

65 30.9 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: 19.332 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

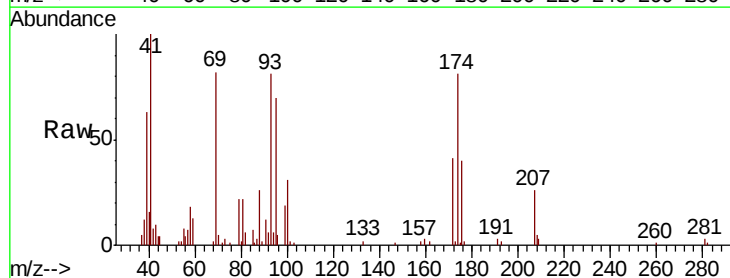
Tgt Ion: 93 Resp: 31312

Ion Ratio Lower Upper

93 100

95 85.3 65.0 97.6

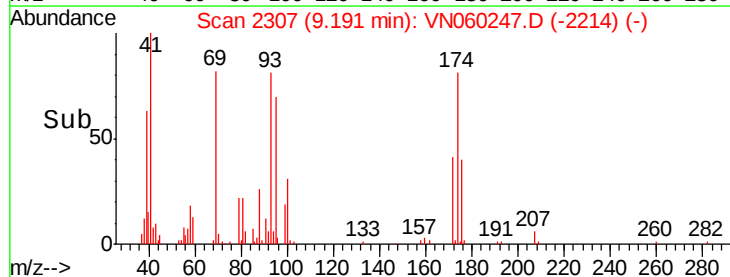
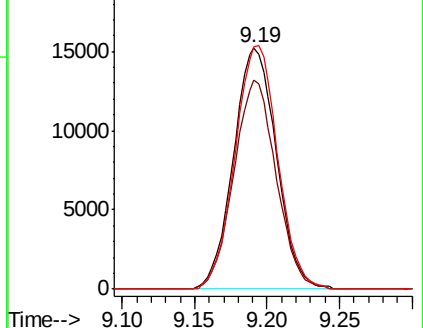
174 100.4 82.3 123.5

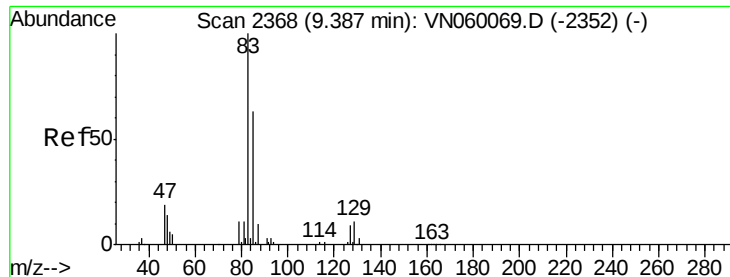


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.752 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

ClientSampleId :

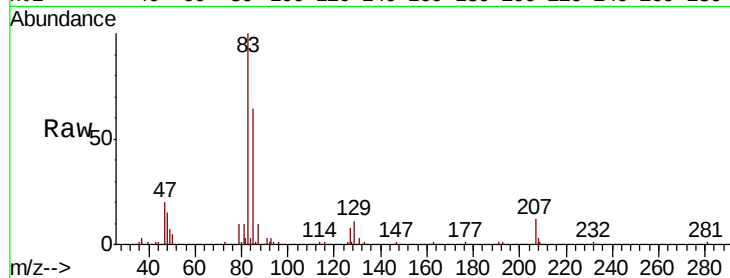
Tot Ion: 83 Resp: 65045

Ion Ratio Lower Upper

83 100

85 63.7 50.6 75.8

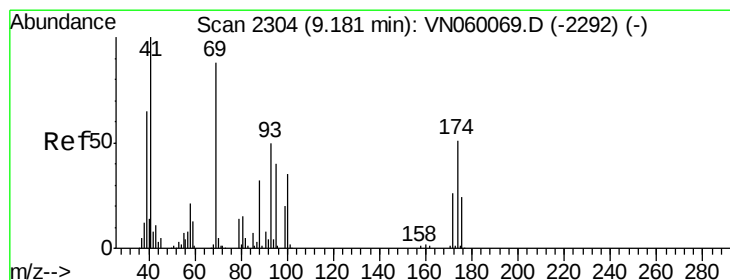
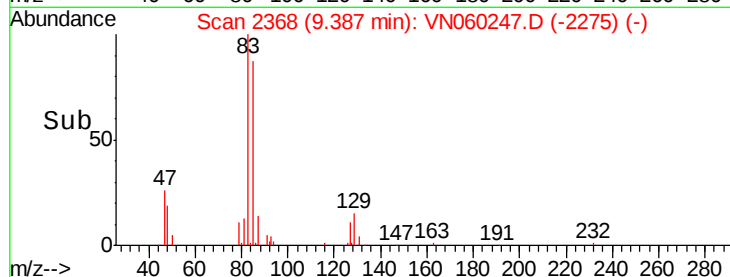
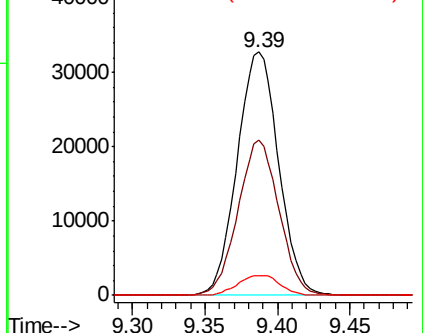
127 8.3 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN060247.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060247.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060247.D (-2275) (-)



#48

Methyl methacrylate

Concen: 21.137 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

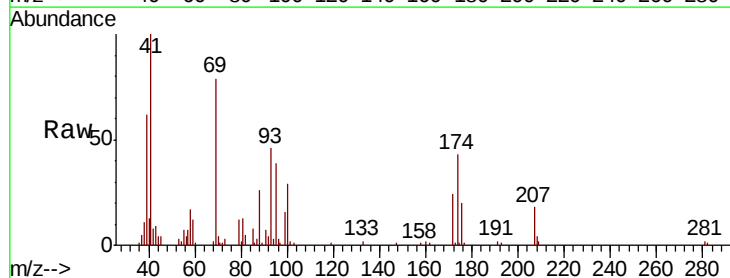
Tgt Ion: 41 Resp: 45725

Ion Ratio Lower Upper

41 100

69 83.2 72.0 108.0

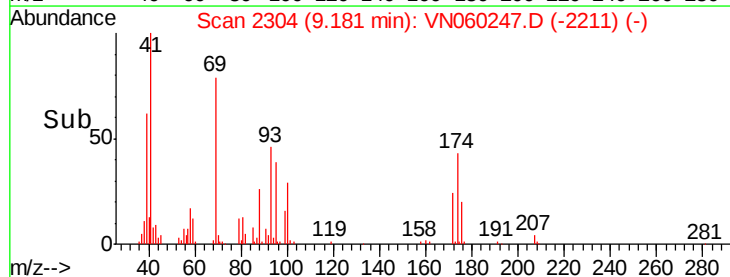
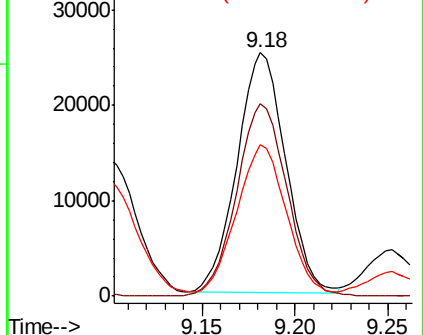
39 62.4 54.1 81.1

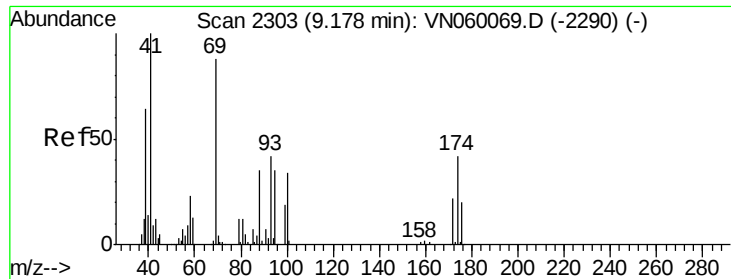


Abundance Ion 41.00 (40.70 to 41.70): VN060247.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060247.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060247.D (-2211) (-)

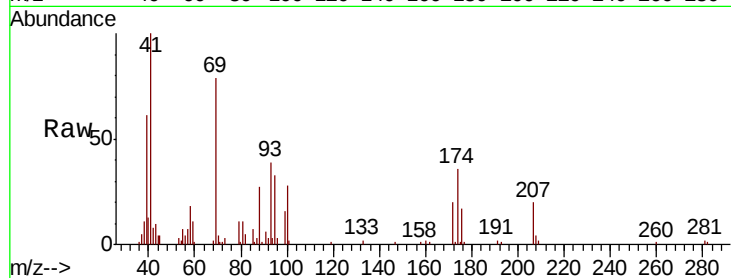




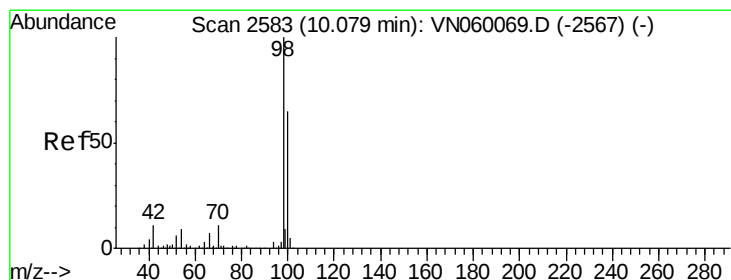
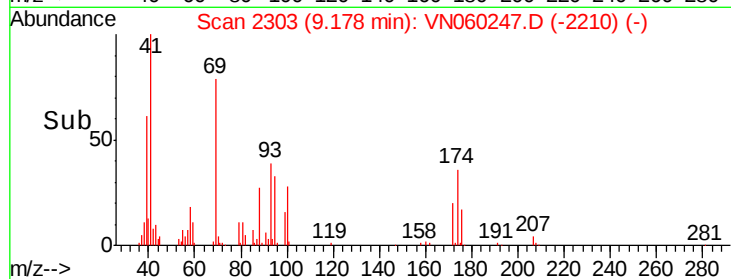
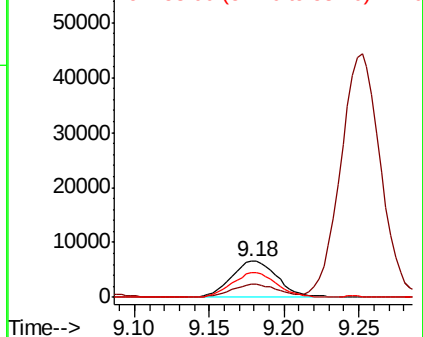
#49  
1,4-Dioxane  
Concen: 380.685 ug/l  
RT: 9.18 min Scan# 2303  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 88 Resp: 14071  
Ion Ratio Lower Upper  
88 100  
43 36.6 26.2 39.2  
58 66.6 53.2 79.8

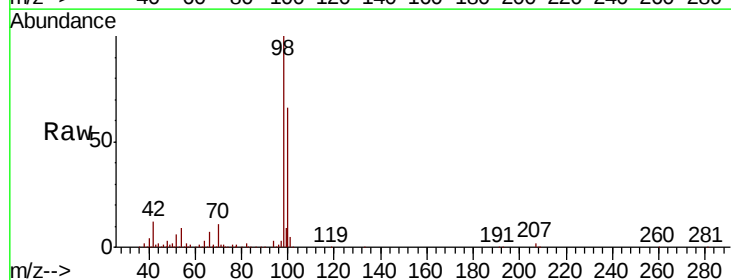


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

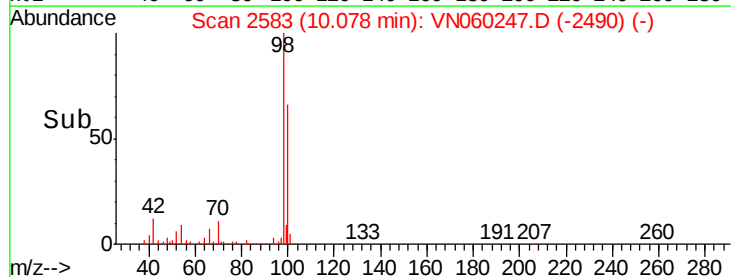
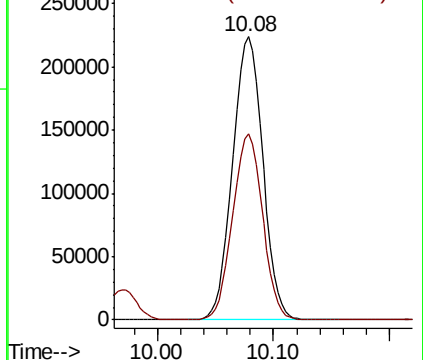


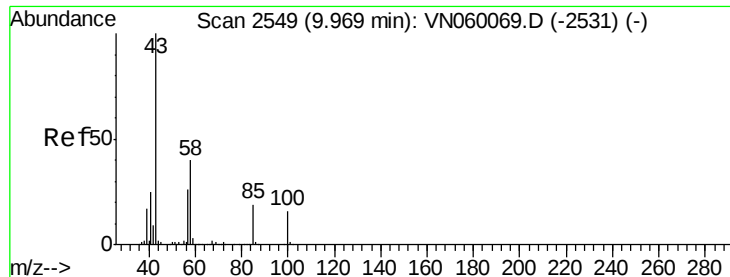
#50  
Toluene-d8  
Concen: 49.507 ug/l  
RT: 10.08 min Scan# 2583  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Tgt Ion: 98 Resp: 403803  
Ion Ratio Lower Upper  
98 100  
100 65.3 51.7 77.5



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: 107.112 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

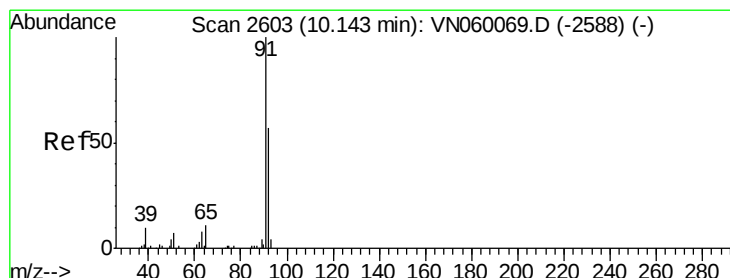
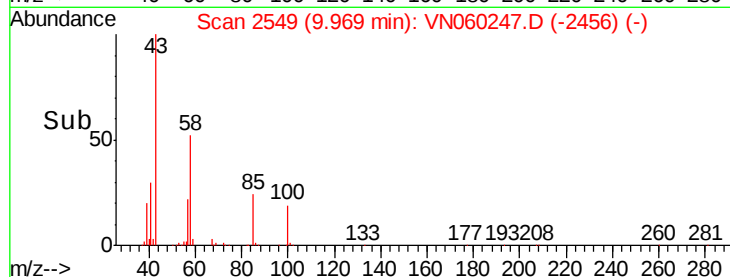
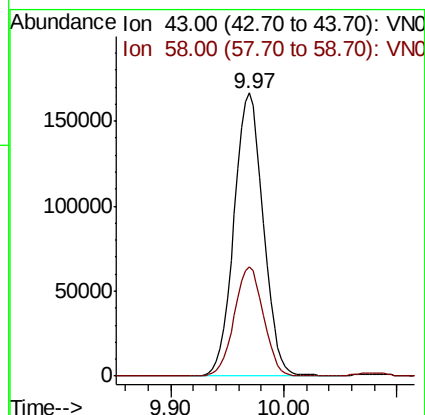
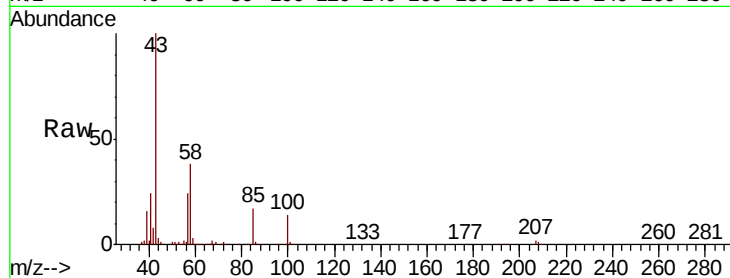
ClientSampleId :

Tot Ion: 43 Resp: 298935

Ion Ratio Lower Upper

43 100

58 38.6 31.8 47.8



#52

Toluene

Concen: 19.466 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060247.D

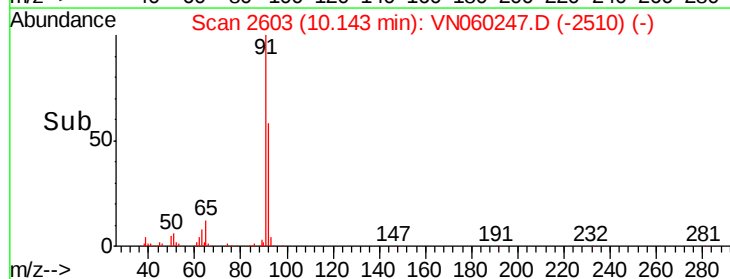
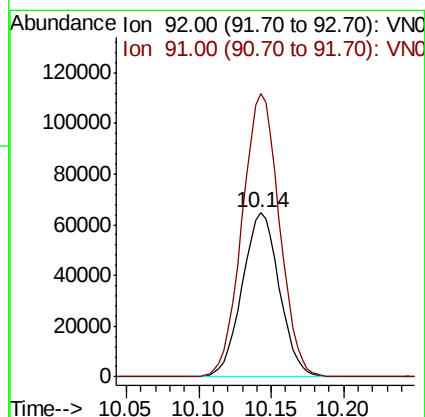
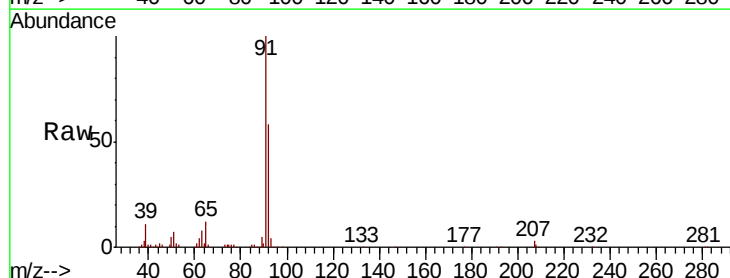
Acq: 26 Feb 2020 13:28

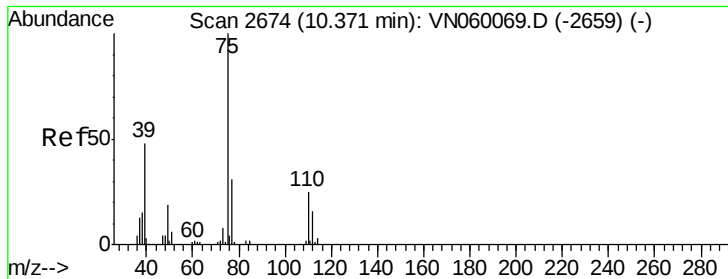
Tgt Ion: 92 Resp: 115566

Ion Ratio Lower Upper

92 100

91 173.1 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 20.483 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

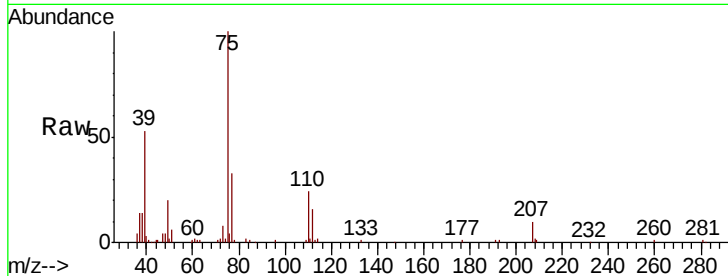
ClientSampleId :

Tot Ion: 75 Resp: 76137

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

40000

30000

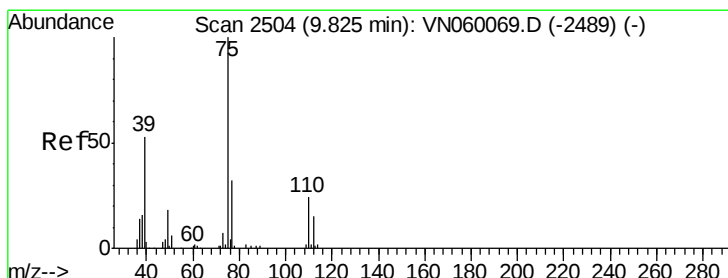
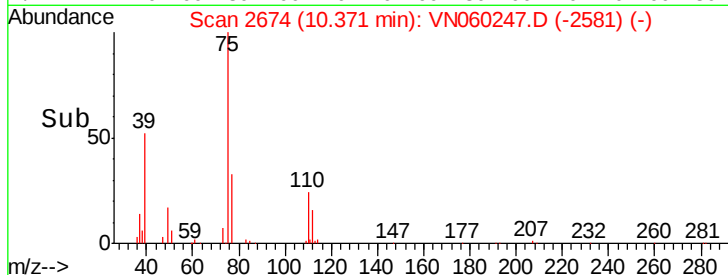
20000

10000

0

10.30 10.35 10.40 10.45

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.795 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

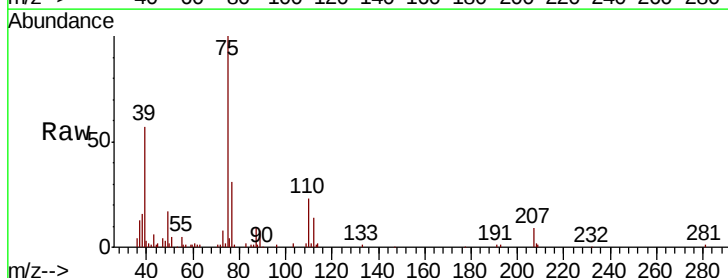
Tgt Ion: 75 Resp: 81392

Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4

39 56.7 42.2 63.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

60000

50000

40000

30000

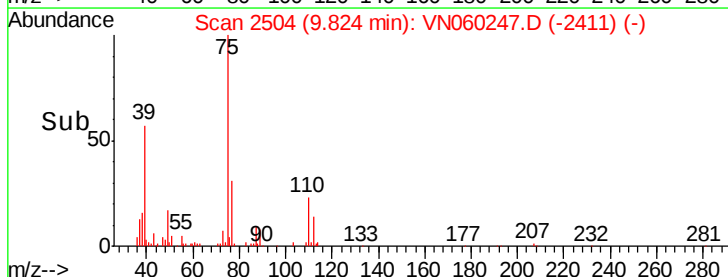
20000

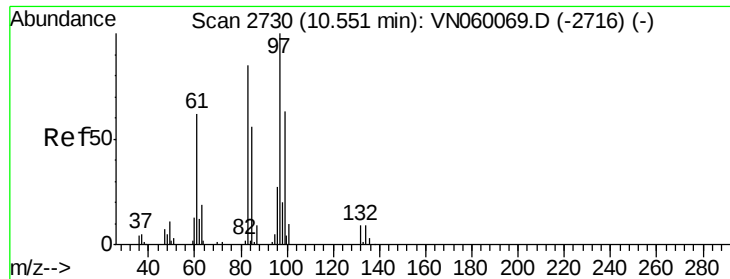
10000

0

9.75 9.80 9.85 9.90

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.845 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 97 Resp: 45964

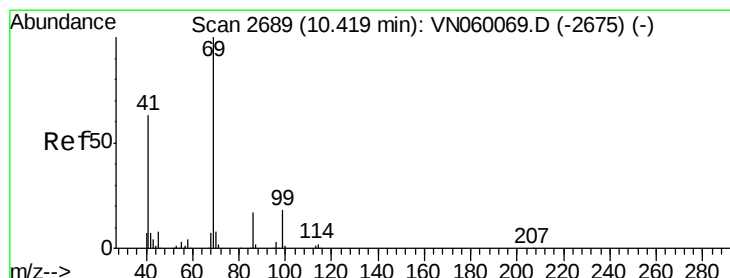
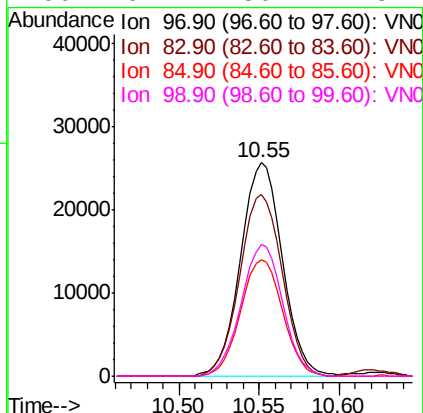
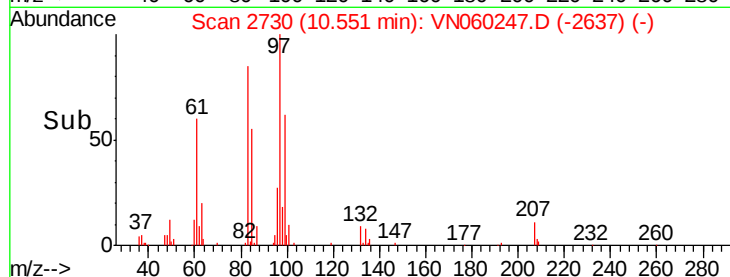
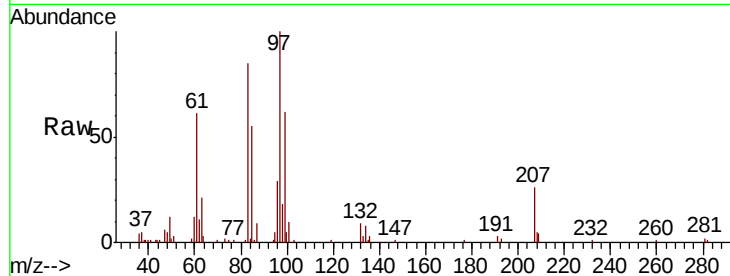
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.0  | 67.9  | 101.9 |
| 85  | 54.7  | 44.6  | 67.0  |
| 99  | 61.7  | 50.1  | 75.1  |

97 100

83 85.0 67.9 101.9

85 54.7 44.6 67.0

99 61.7 50.1 75.1



#56

Ethyl methacrylate

Concen: 20.769 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

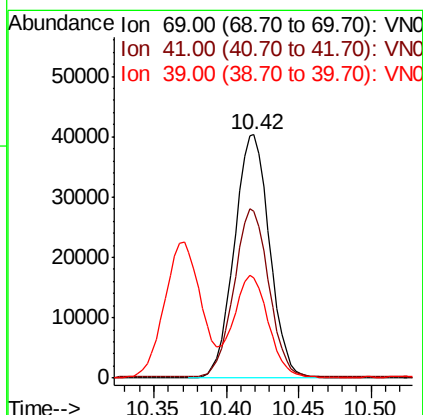
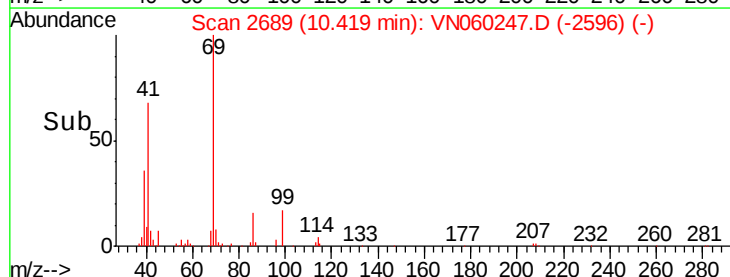
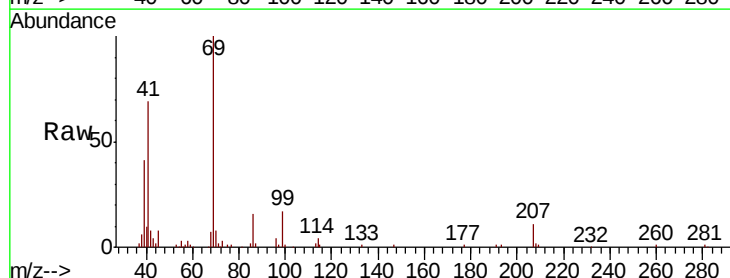
Tgt Ion: 69 Resp: 68049

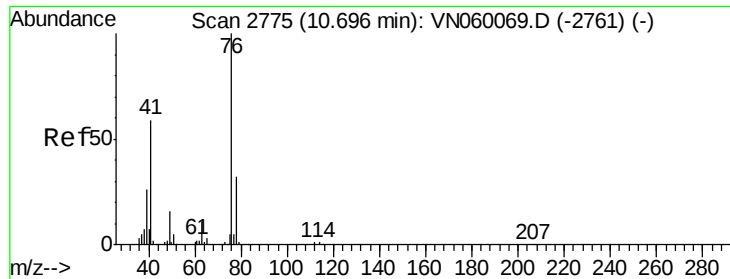
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 68.5  | 51.1  | 76.7  |
| 39  | 40.4  | 33.8  | 50.8  |

69 100

41 68.5 51.1 76.7

39 40.4 33.8 50.8





#57

1,3-Dichloropropane

Concen: 20.211 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

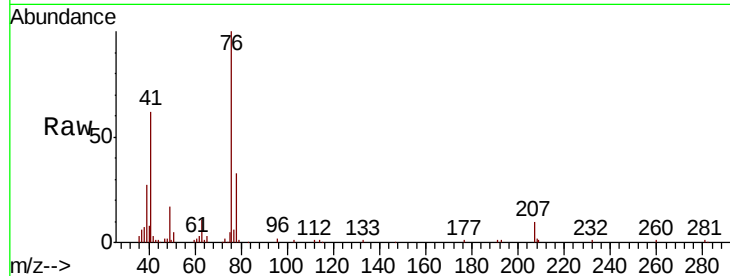
ClientSampleId :

Tot Ion: 76 Resp: 77242

Ion Ratio Lower Upper

76 100

78 33.1 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN060247.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060247.D (-2682) (-)

10.70

50000

40000

30000

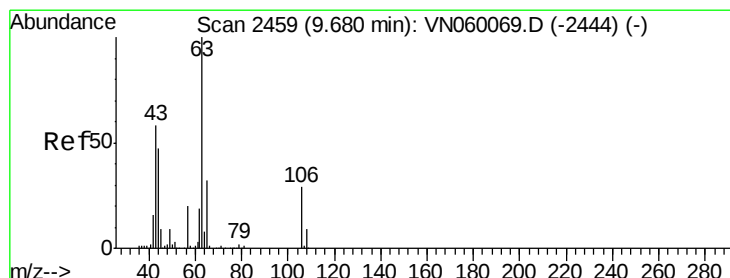
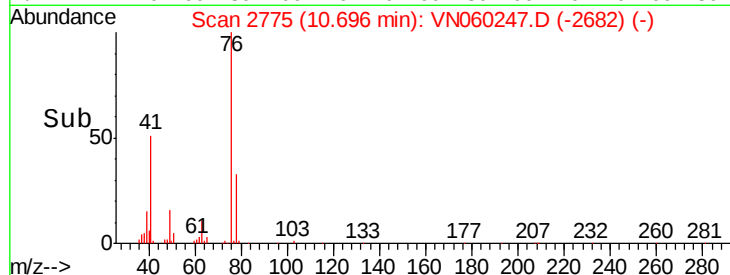
20000

10000

0

Time-->

10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 109.889 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060247.D

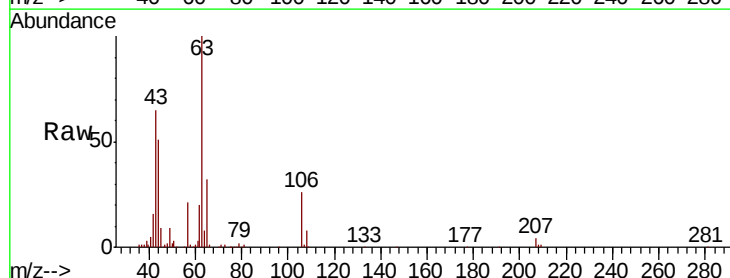
Acq: 26 Feb 2020 13:28

Tgt Ion: 63 Resp: 167733

Ion Ratio Lower Upper

63 100

106 26.1 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VN060247.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060247.D (-2366) (-)

9.68

100000

80000

60000

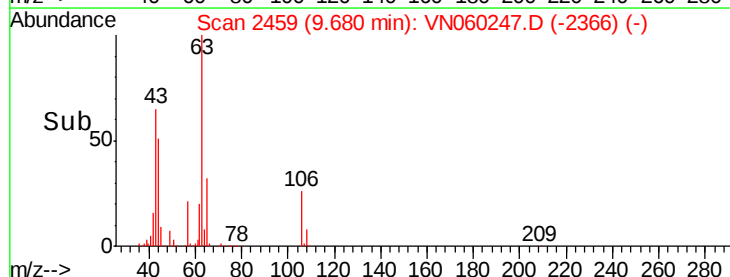
40000

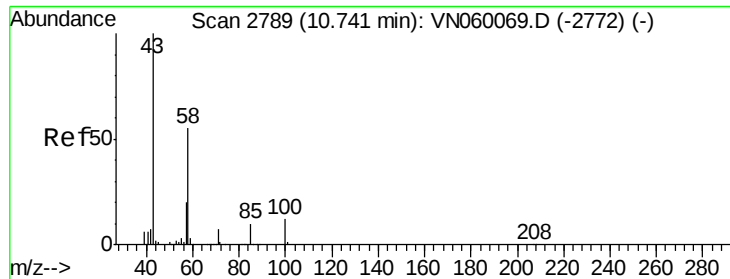
20000

0

Time-->

9.60 9.65 9.70 9.75 9.80

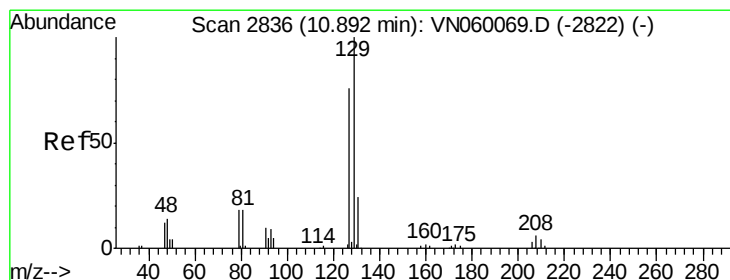
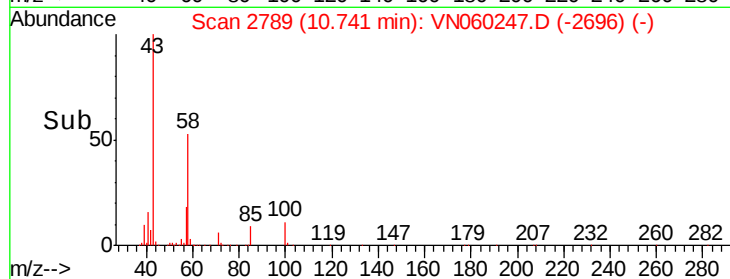
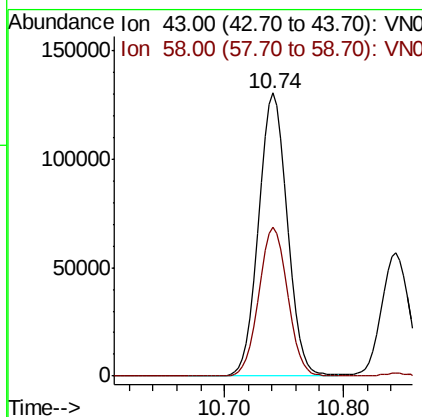
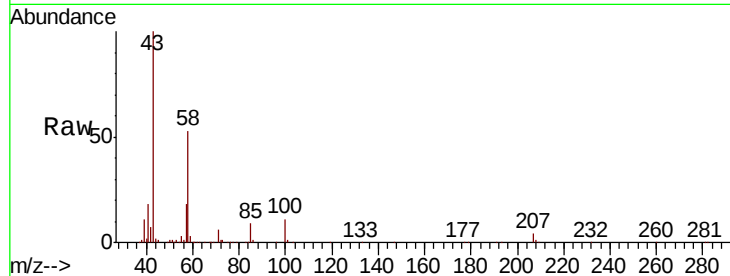




#59  
2-Hexanone  
Concen: 100.727 ug/l  
RT: 10.74 min Scan# 2789  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

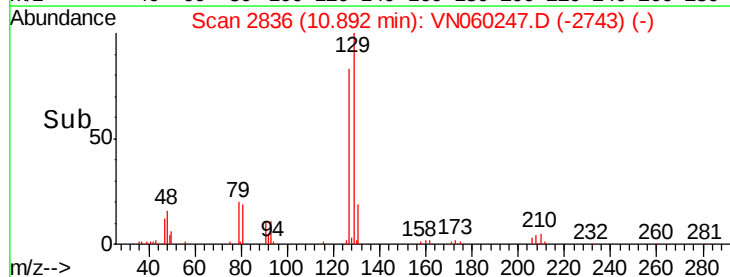
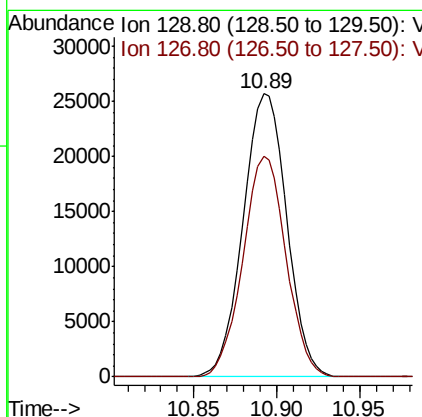
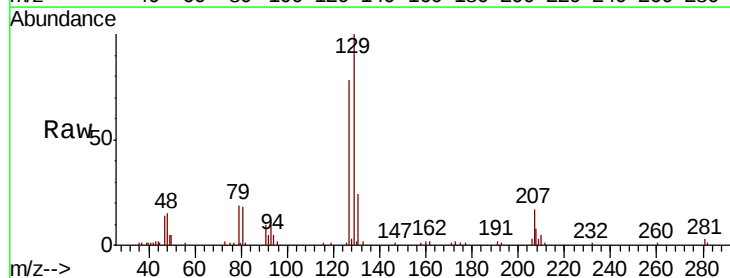
Instrument :  
MSVOA\_N  
ClientSampleId :

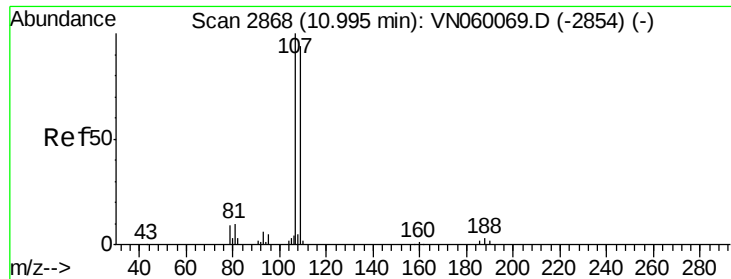
Tot Ion: 43 Resp: 217153  
Ion Ratio Lower Upper  
43 100  
58 53.0 27.5 82.4



#60  
Dibromochloromethane  
Concen: 17.690 ug/l  
RT: 10.89 min Scan# 2836  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Tgt Ion: 129 Resp: 47017  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.0 114.1

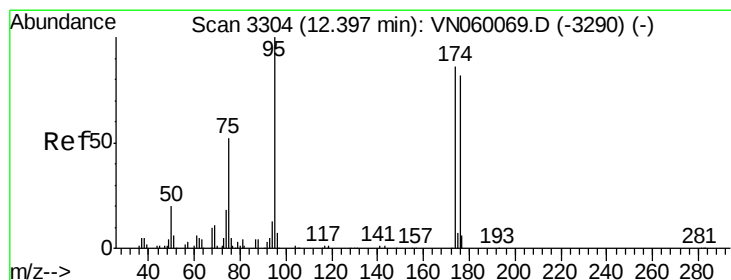
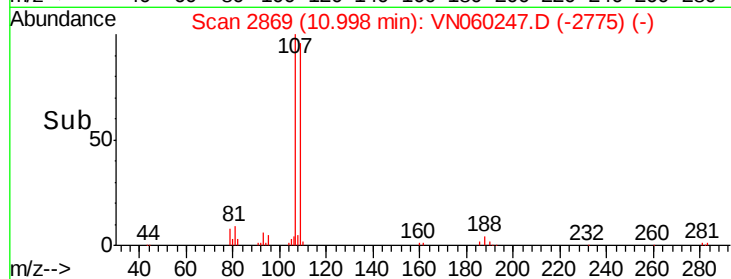
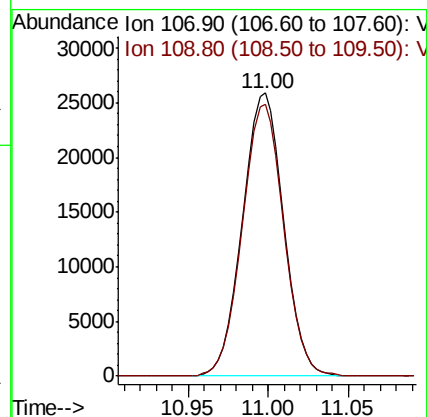
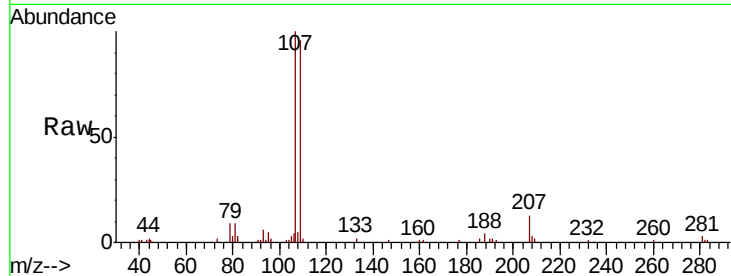




#61  
 1,2-Dibromoethane  
 Concen: 18.651 ug/l  
 RT: 11.00 min Scan# 2869  
 Delta R.T. 0.00 min  
 Lab File: VN060247.D  
 Acq: 26 Feb 2020 13:28

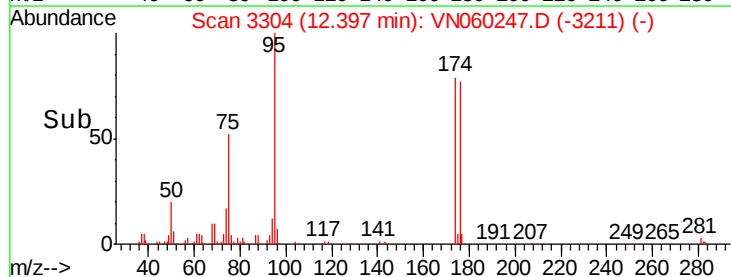
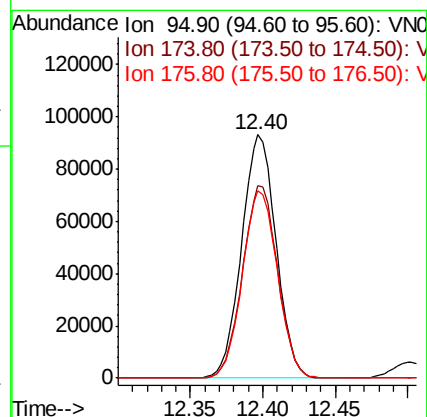
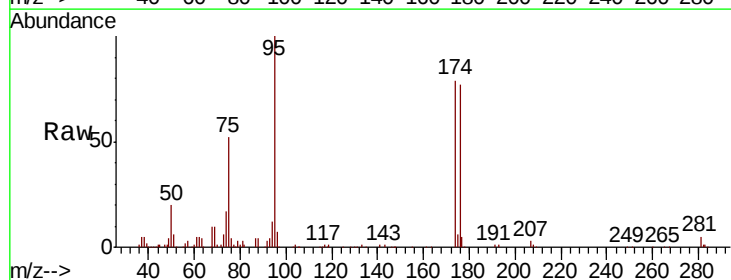
Instrument :  
 MSVOA\_N  
 ClientSampleId :

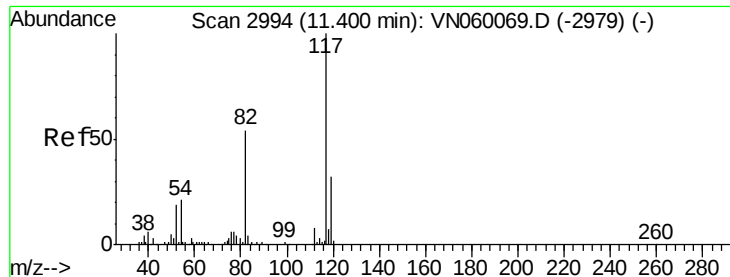
Tot Ion: 107 Resp: 45283  
 Ion Ratio Lower Upper  
 107 100  
 109 96.8 75.4 113.0



#62  
 4-Bromofluorobenzene  
 Concen: 51.286 ug/l  
 RT: 12.40 min Scan# 3304  
 Delta R.T. -0.00 min  
 Lab File: VN060247.D  
 Acq: 26 Feb 2020 13:28

Tgt Ion: 95 Resp: 153709  
 Ion Ratio Lower Upper  
 95 100  
 174 80.7 0.0 169.8  
 176 78.6 0.0 164.8

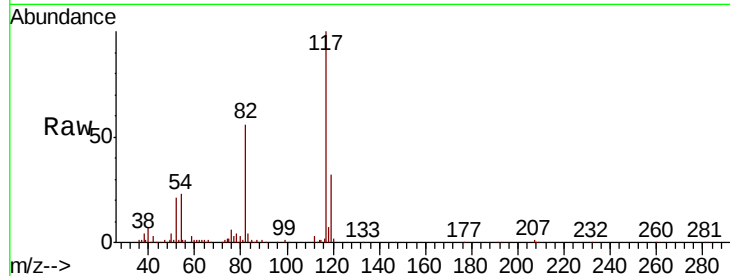




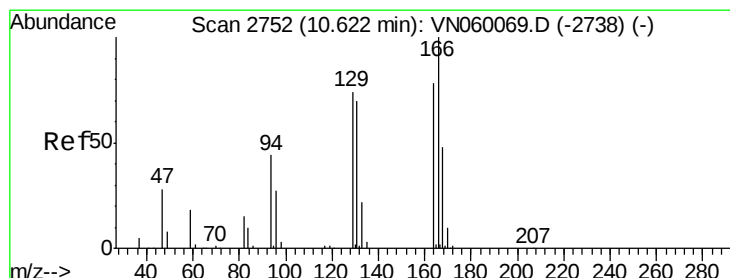
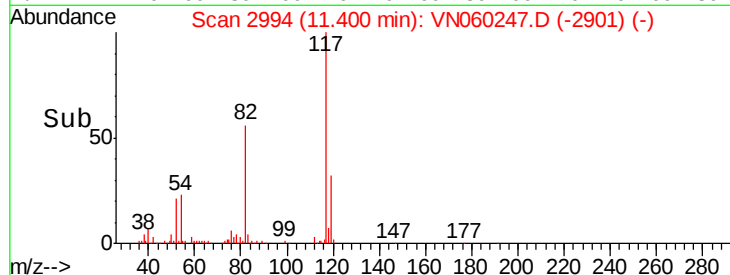
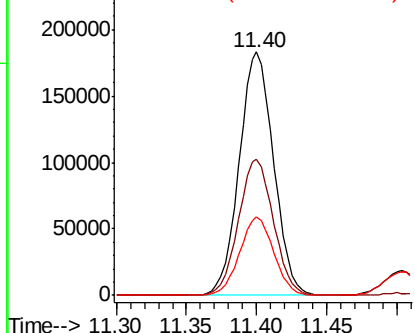
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2994  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:117 Resp: 312924  
Ion Ratio Lower Upper  
117 100  
82 56.1 43.4 65.0  
119 32.1 25.8 38.6

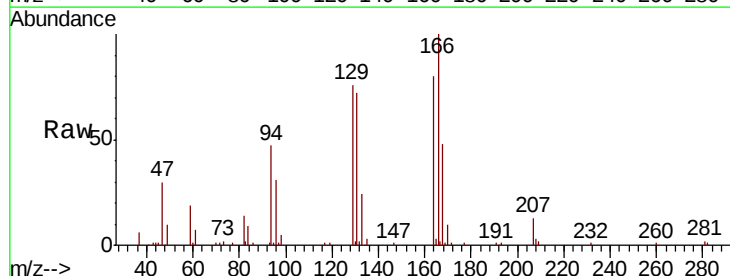


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

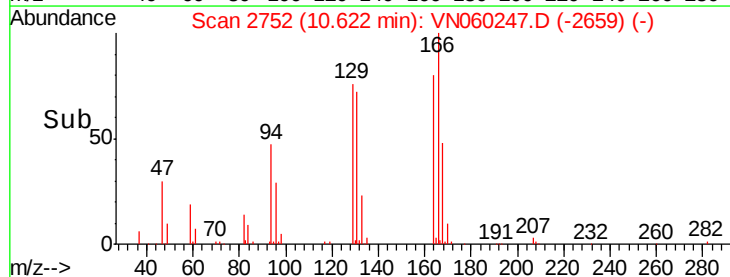
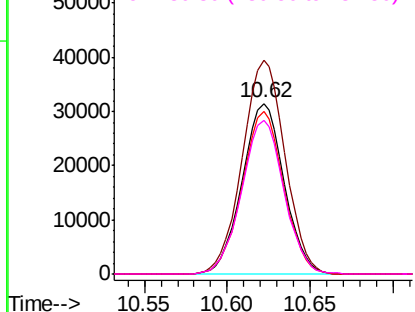


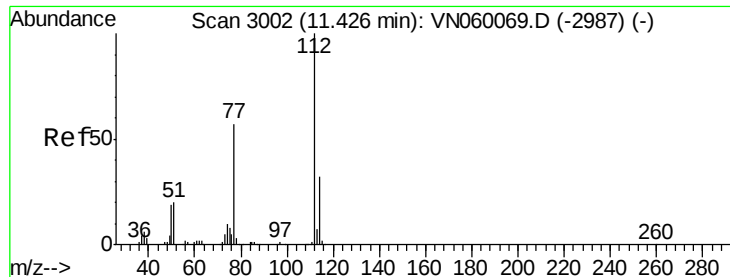
#64  
Tetrachloroethene  
Concen: 23.222 ug/l  
RT: 10.62 min Scan# 2752  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Tgt Ion:164 Resp: 55242  
Ion Ratio Lower Upper  
164 100  
166 125.3 101.9 152.9  
129 95.6 75.4 113.0  
131 89.9 71.4 107.2



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

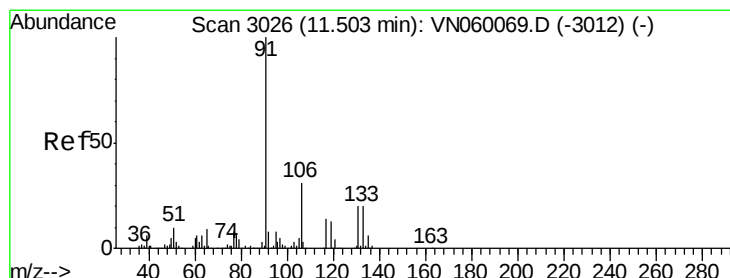
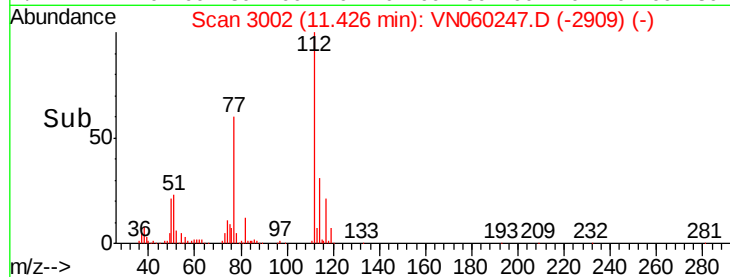
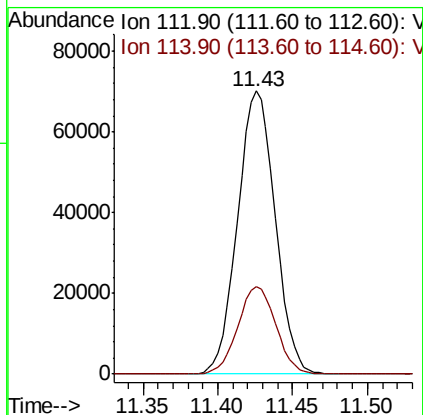
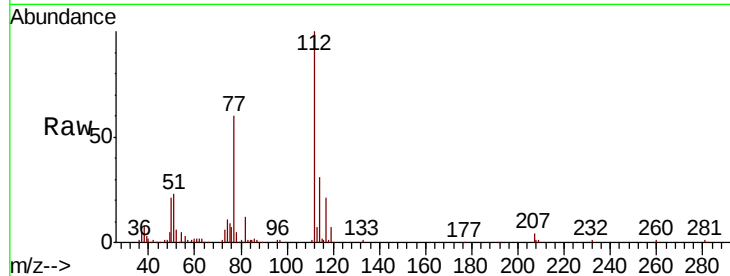




#65  
Chlorobenzene  
Concen: 19.229 ug/l  
RT: 11.43 min Scan# 3002  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

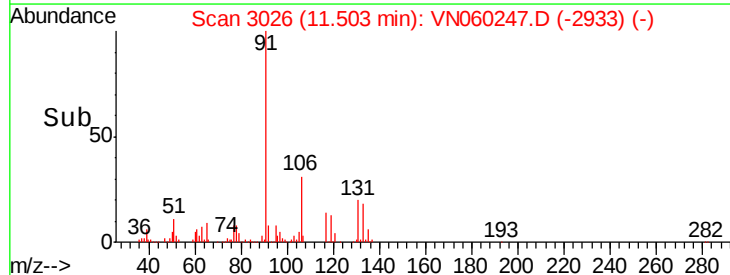
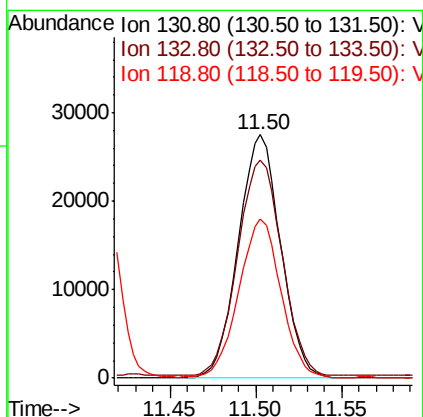
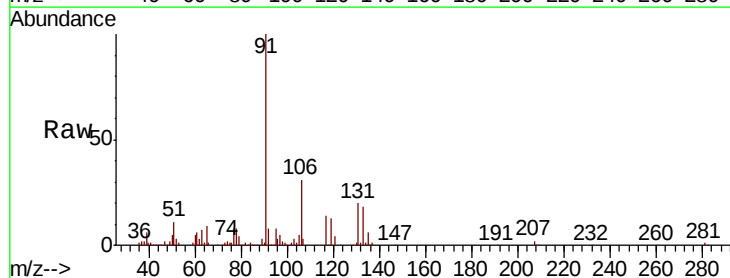
Instrument :  
MSVOA\_N  
ClientSampled :

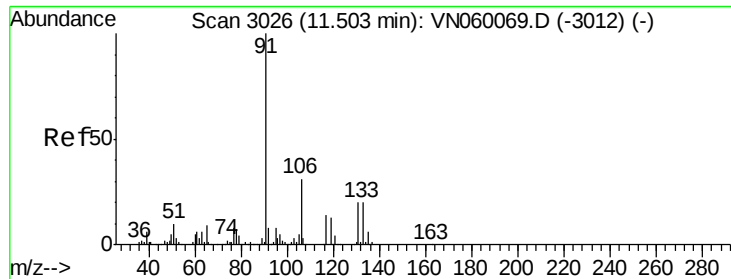
Tot Ion:112 Resp: 122589  
Ion Ratio Lower Upper  
112 100  
114 30.9 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.529 ug/l  
RT: 11.50 min Scan# 3026  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Tgt Ion:131 Resp: 47099  
Ion Ratio Lower Upper  
131 100  
133 93.1 47.9 143.7  
119 65.6 32.6 97.7

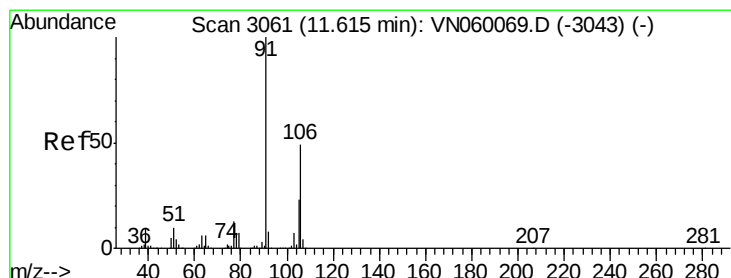
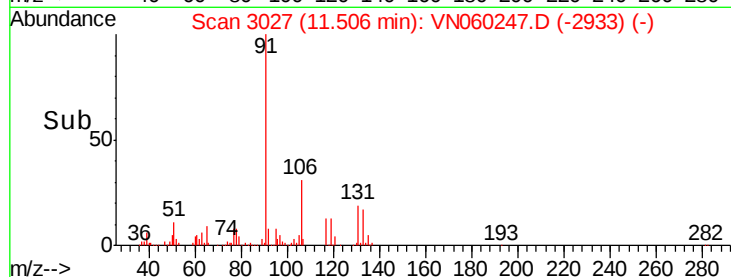
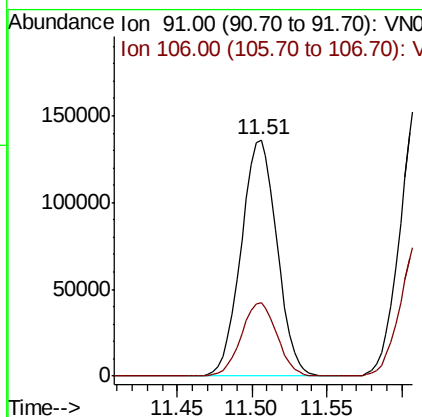
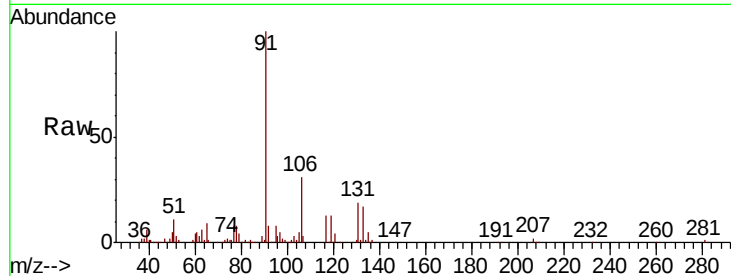




#67  
Ethyl Benzene  
Concen: 19.764 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. 0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

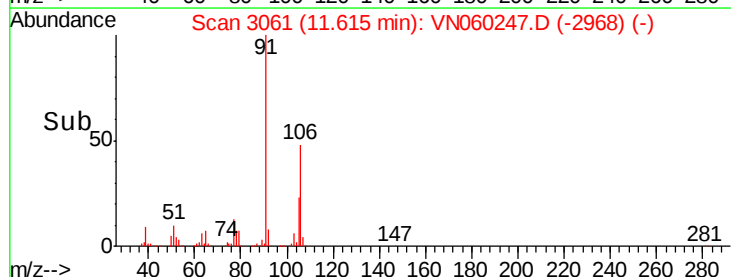
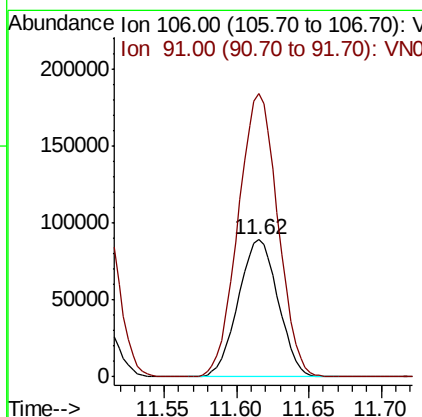
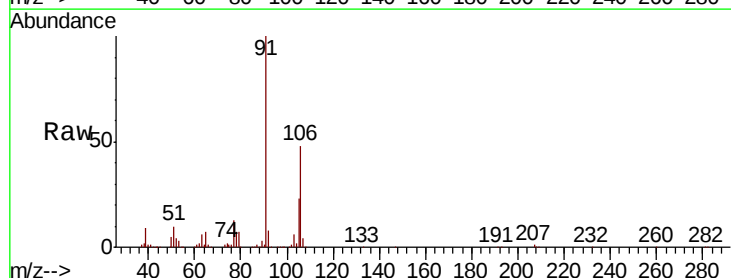
Instrument :  
MSVOA\_N  
ClientSampleId :

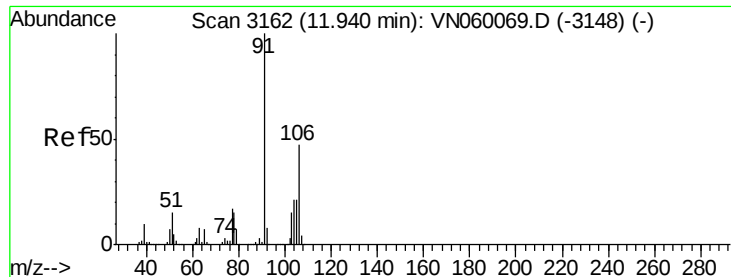
Tot Ion: 91 Resp: 227254  
Ion Ratio Lower Upper  
91 100  
106 31.1 25.1 37.7



#68  
m/p-Xylenes  
Concen: 39.528 ug/l  
RT: 11.62 min Scan# 3061  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Tgt Ion: 106 Resp: 170583  
Ion Ratio Lower Upper  
106 100  
91 205.4 162.7 244.1

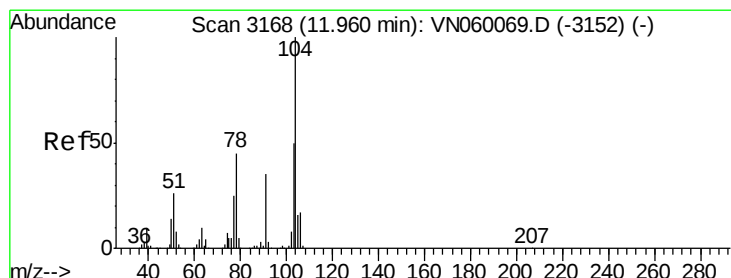
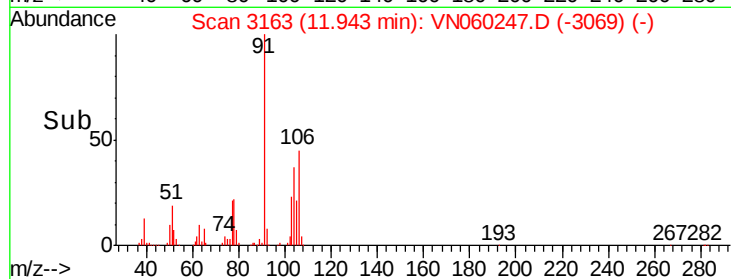
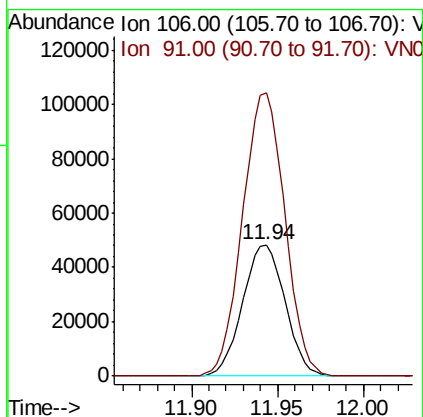
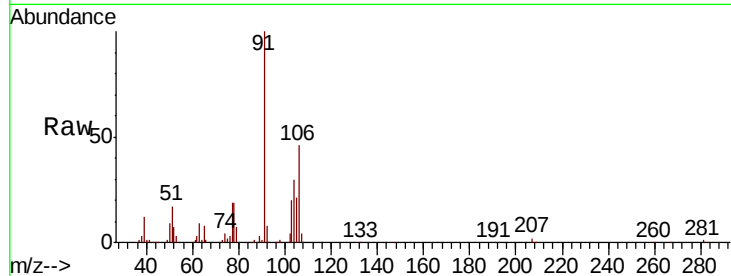




#69  
o-Xylene  
Concen: 19.903 ug/l  
RT: 11.94 min Scan# 3163  
Delta R.T. 0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

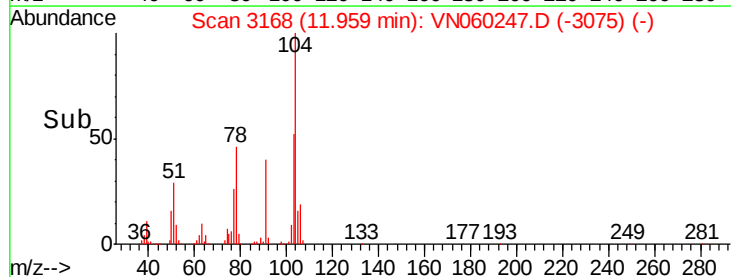
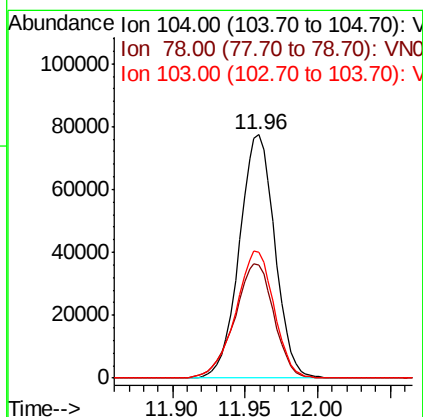
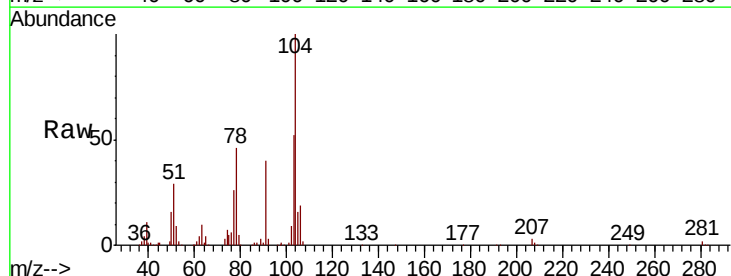
Instrument :  
MSVOA\_N  
ClientSampleId :

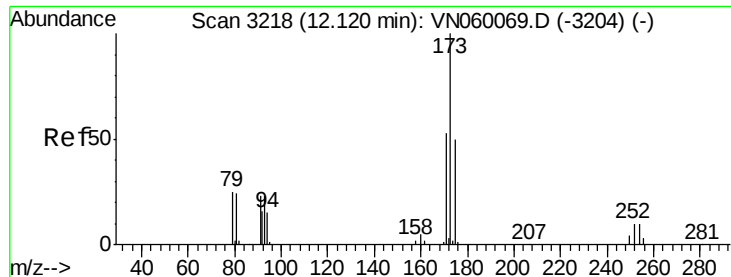
Tot Ion:106 Resp: 82699  
Ion Ratio Lower Upper  
106 100  
91 215.0 107.2 321.6



#70  
Styrene  
Concen: 19.679 ug/l  
RT: 11.96 min Scan# 3168  
Delta R.T. -0.00 min  
Lab File: VN060247.D  
Acq: 26 Feb 2020 13:28

Tgt Ion:104 Resp: 131861  
Ion Ratio Lower Upper  
104 100  
78 52.0 40.2 60.2  
103 56.6 44.3 66.5





#71

Bromoform

Concen: 16.565 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

ClientSampled :

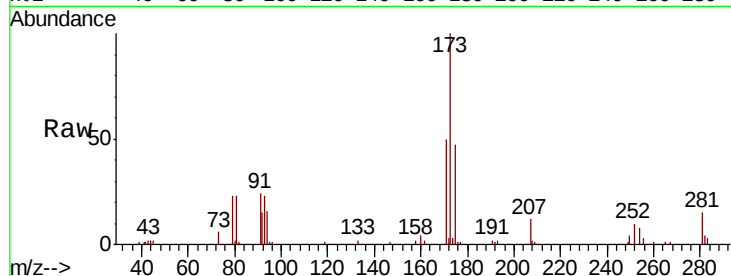
Tot Ion:173 Resp: 32132

Ion Ratio Lower Upper

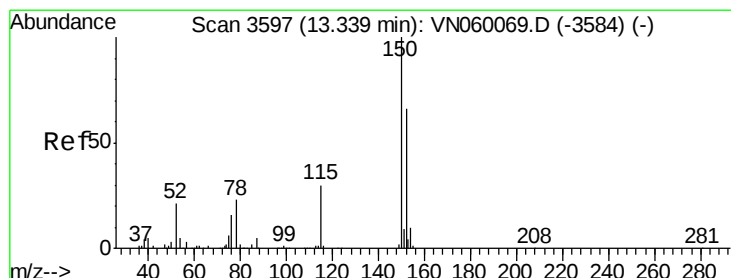
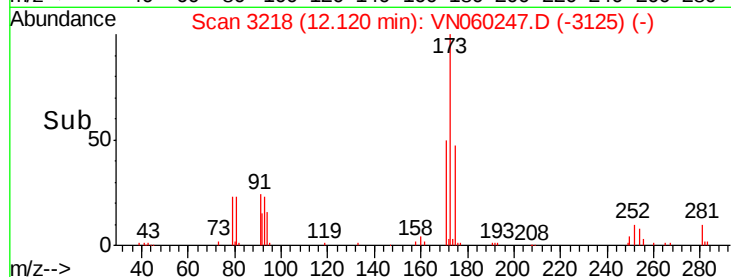
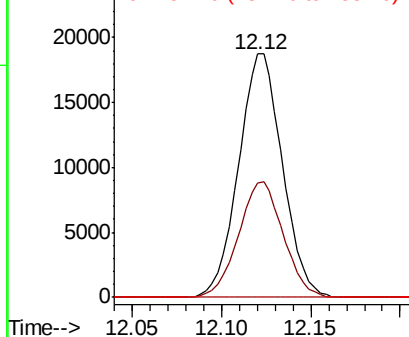
173 100

175 48.3 24.9 74.6

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

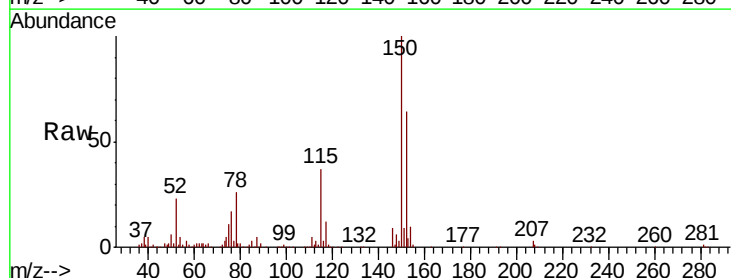
Tgt Ion:152 Resp: 155655

Ion Ratio Lower Upper

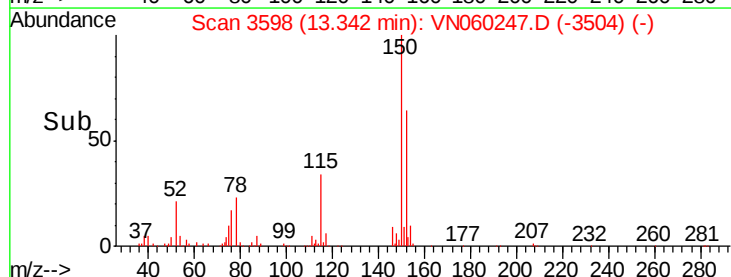
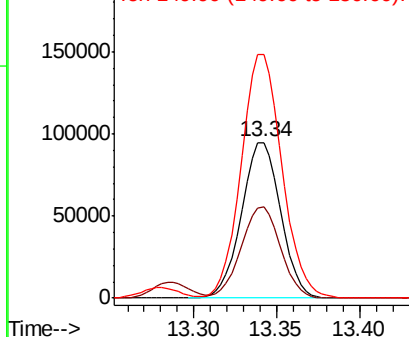
152 100

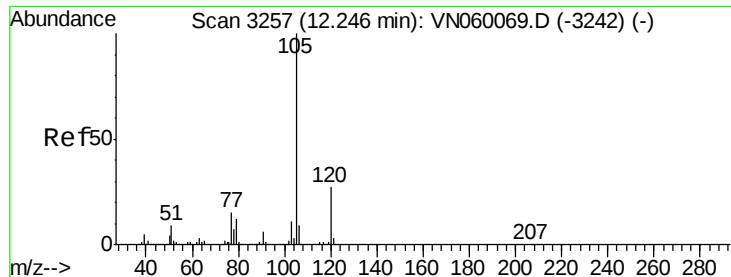
115 59.2 28.9 86.8

150 162.9 0.0 342.4



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: 18.966 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

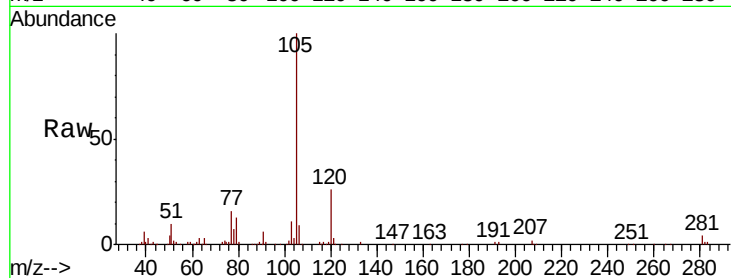
ClientSampled :

Tot Ion: 105 Resp: 220452

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

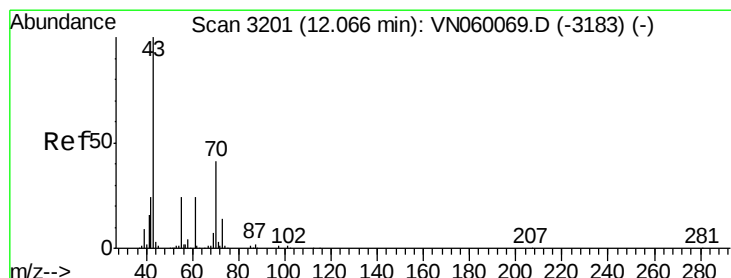
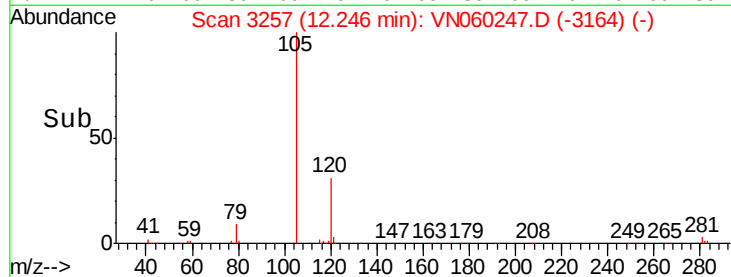
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 22.470 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Tgt Ion: 43 Resp: 94181

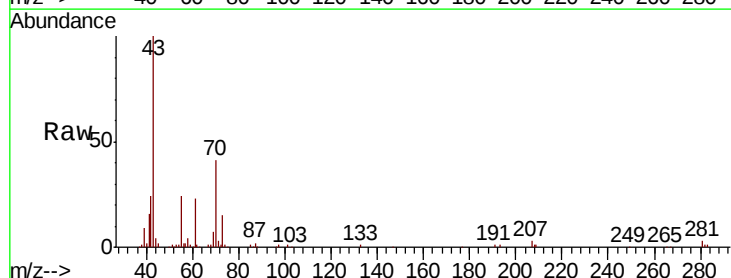
Ion Ratio Lower Upper

43 100

70 40.2 33.4 50.0

55 23.5 18.8 28.2

61 22.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

80000

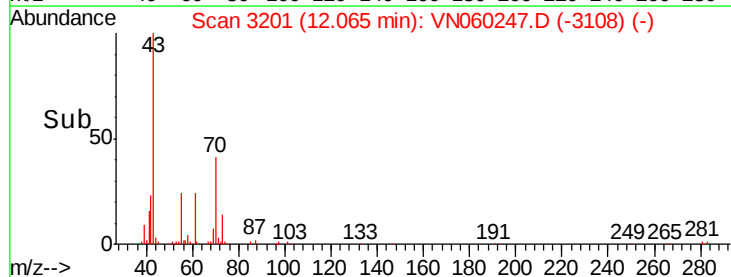
60000

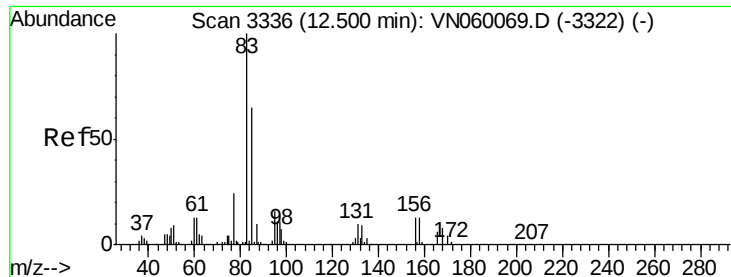
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.815 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

ClientSampled :

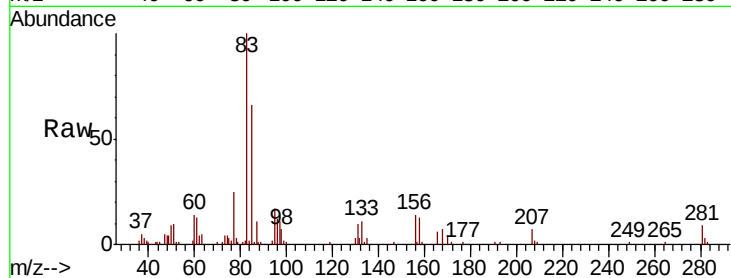
Tot Ion: 83 Resp: 59603

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

85 64.2 32.3 96.9

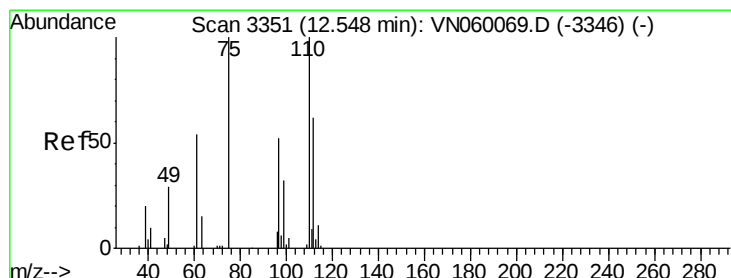
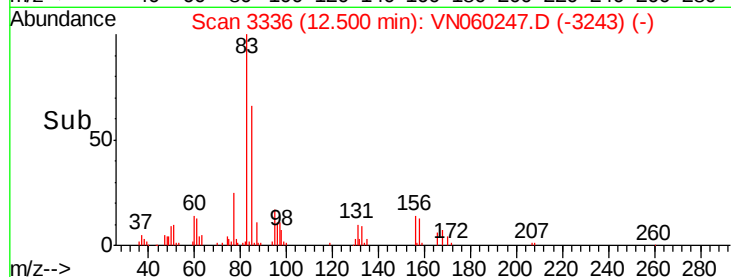


Abundance Ion 82.90 (82.60 to 83.60): VN060247.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060247.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060247.D (-3243) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 29.364 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060247.D

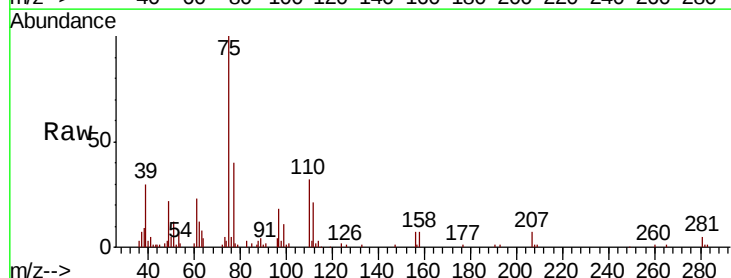
Acq: 26 Feb 2020 13:28

Tgt Ion: 75 Resp: 87447

Ion Ratio Lower Upper

75 100

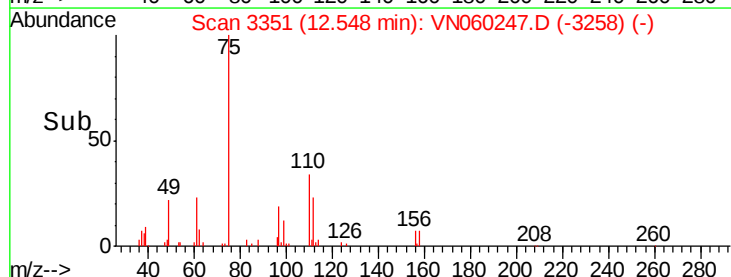
77 0.0 0.0 0.0

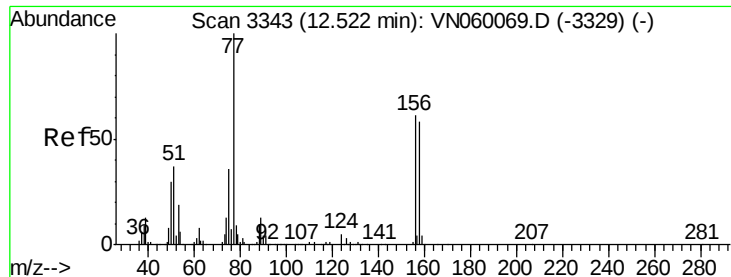


Abundance Ion 74.90 (74.60 to 75.60): VN060247.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060247.D (-3258) (-)

Time-->





#77

Bromobenzene

Concen: 18.722 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

ClientSampled :

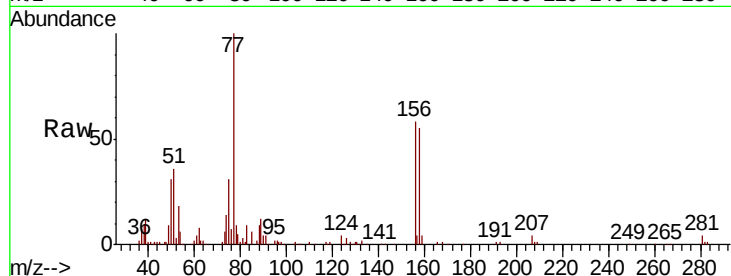
Tot Ion:156 Resp: 54005

Ion Ratio Lower Upper

156 100

77 205.8 98.7 296.1

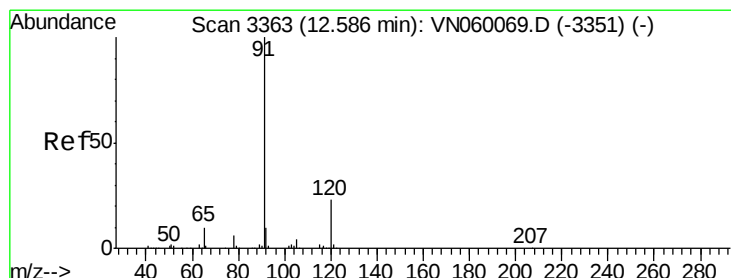
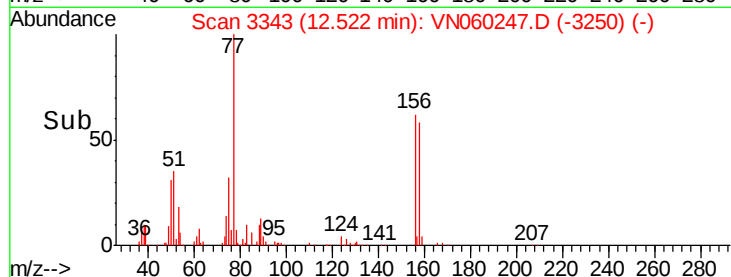
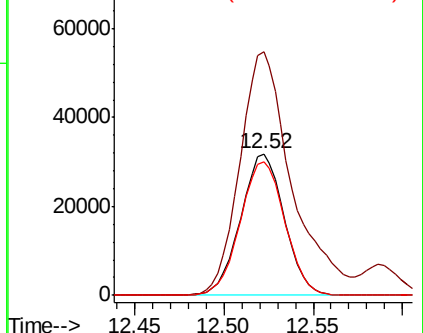
158 96.7 48.1 144.4



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: 19.712 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060247.D

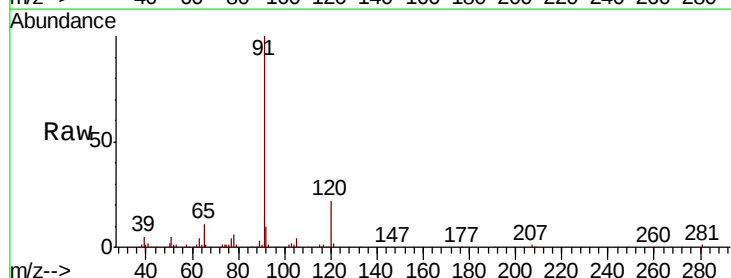
Acq: 26 Feb 2020 13:28

Tgt Ion: 91 Resp: 261040

Ion Ratio Lower Upper

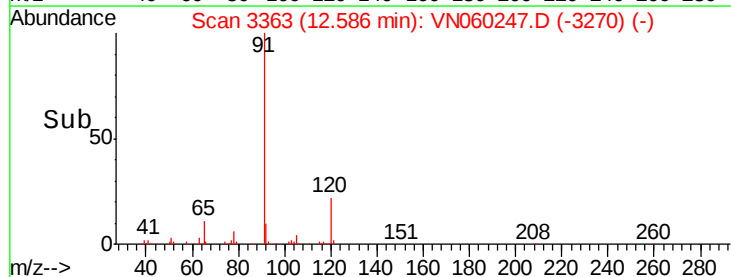
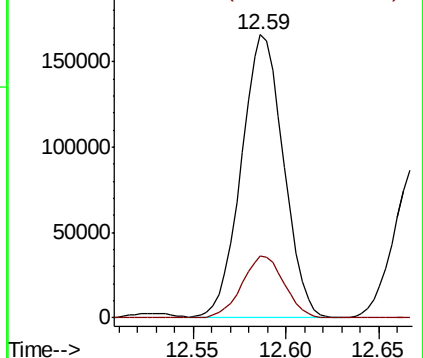
91 100

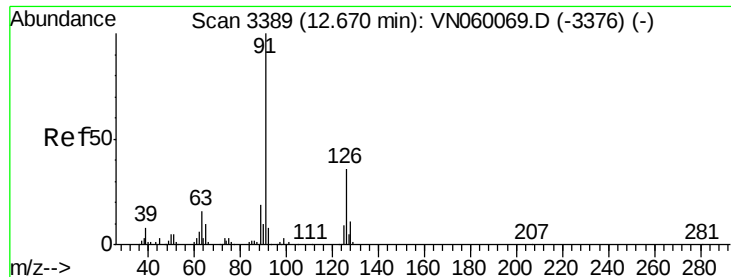
120 22.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.441 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

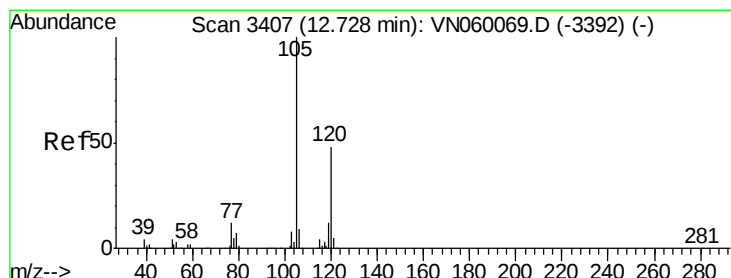
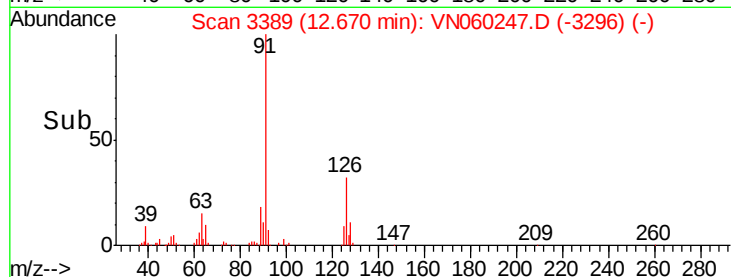
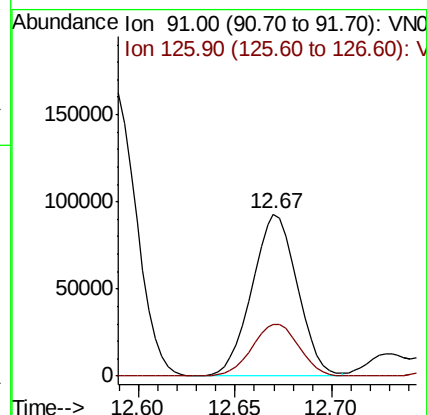
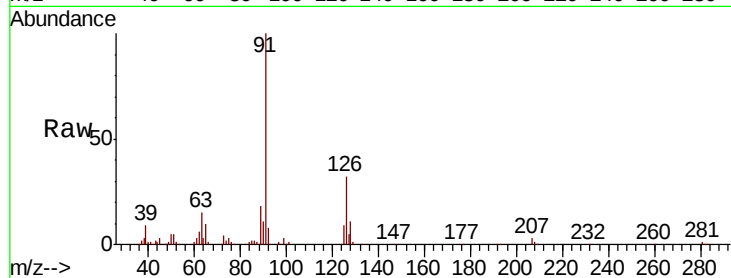
ClientSampled :

Tot Ion: 91 Resp: 151323

Ion Ratio Lower Upper

91 100

126 33.3 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 19.541 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060247.D

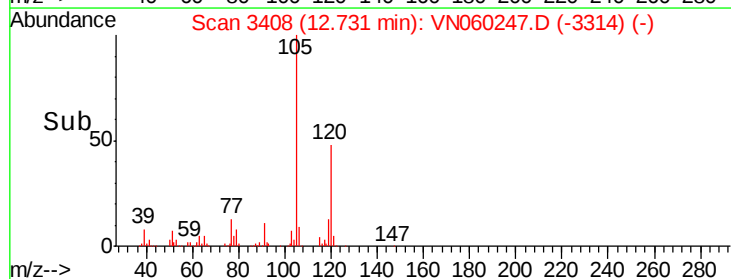
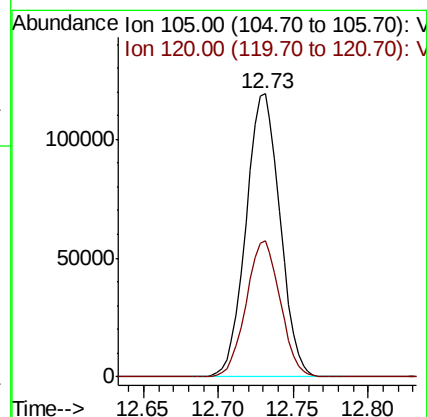
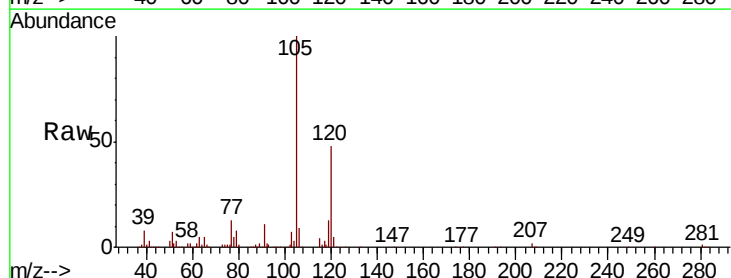
Acq: 26 Feb 2020 13:28

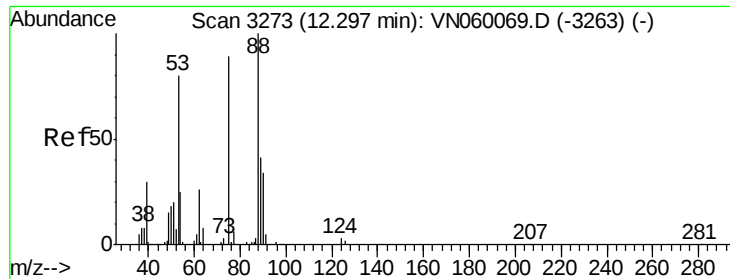
Tgt Ion:105 Resp: 188848

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.952 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

ClientSampled :

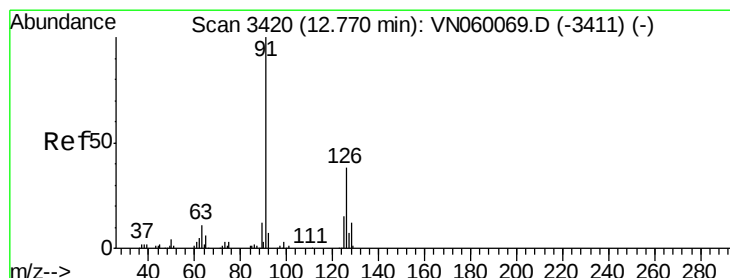
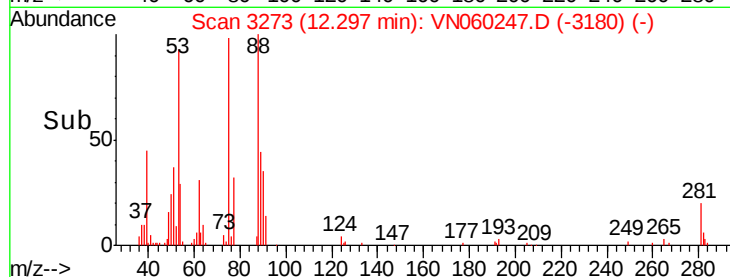
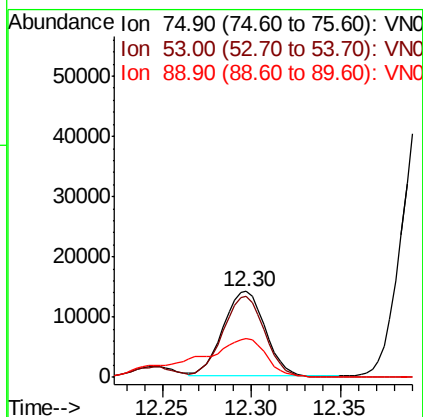
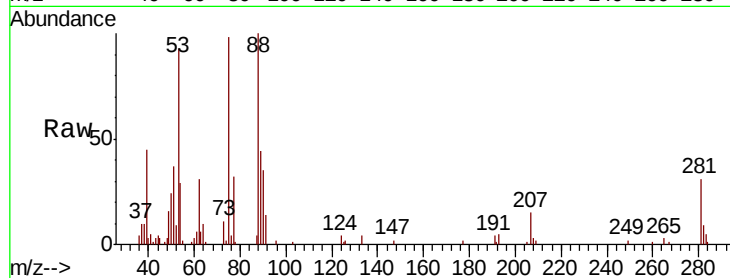
Tot Ion: 75 Resp: 23051

Ion Ratio Lower Upper

75 100

53 95.9 73.9 110.9

89 78.5 37.0 55.4#



#82

4-Chlorotoluene

Concen: 19.705 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN060247.D

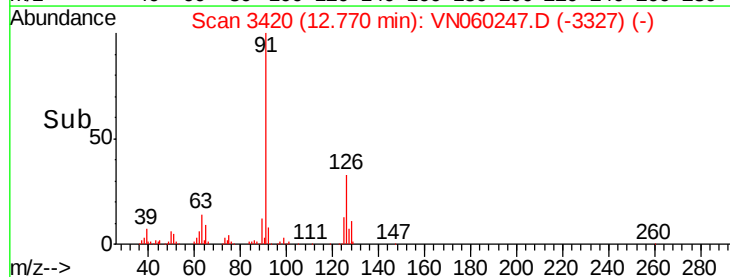
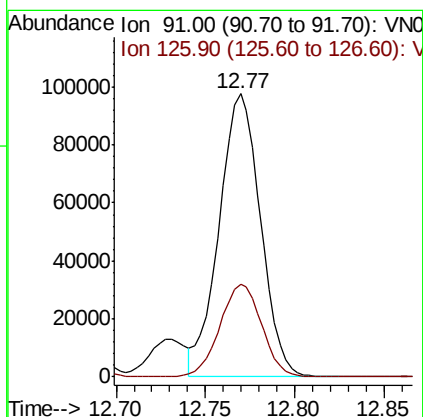
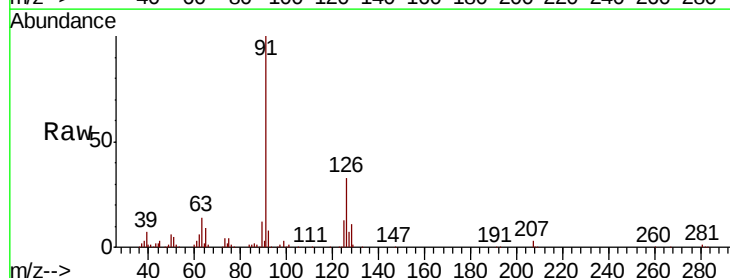
Acq: 26 Feb 2020 13:28

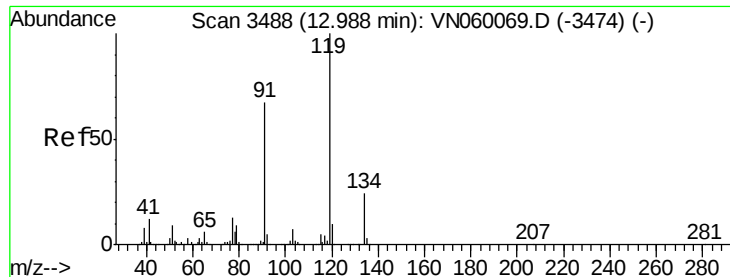
Tgt Ion: 91 Resp: 157365

Ion Ratio Lower Upper

91 100

126 33.0 17.1 51.3





#83

tert-Butylbenzene

Concen: 18.946 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

ClientSampled :

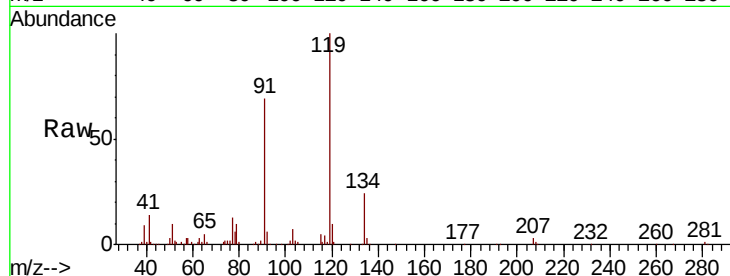
Tot Ion:119 Resp: 161974

Ion Ratio Lower Upper

119 100

91 67.5 32.7 98.1

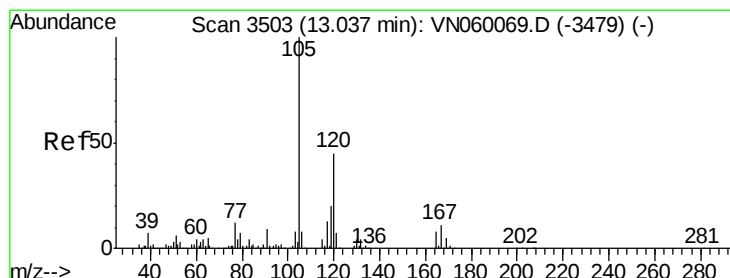
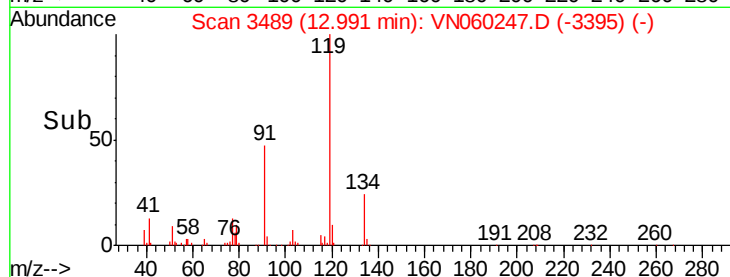
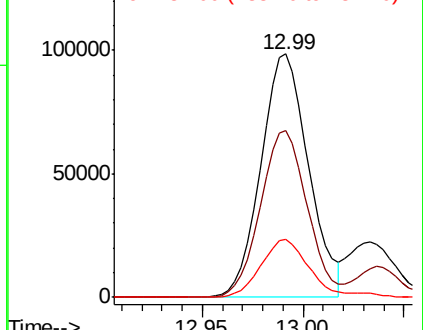
134 24.8 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.874 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN060247.D

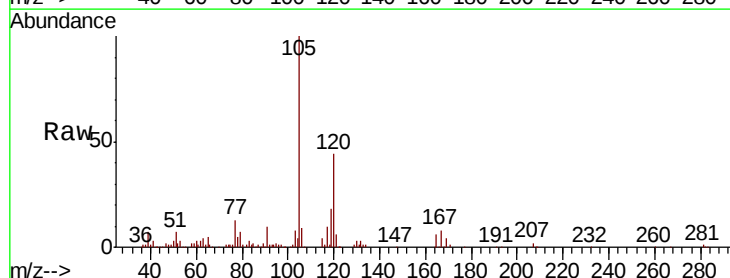
Acq: 26 Feb 2020 13:28

Tgt Ion:105 Resp: 189594

Ion Ratio Lower Upper

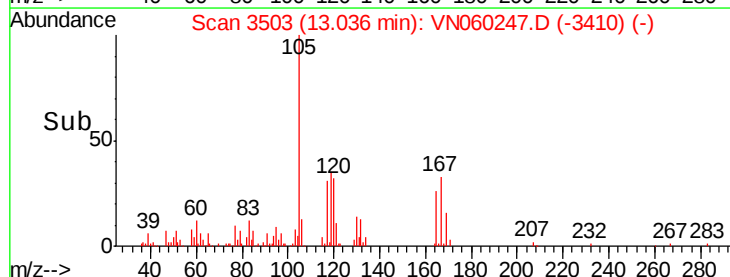
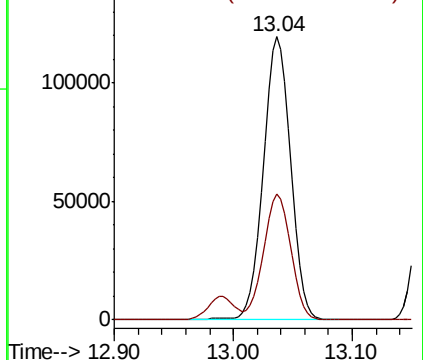
105 100

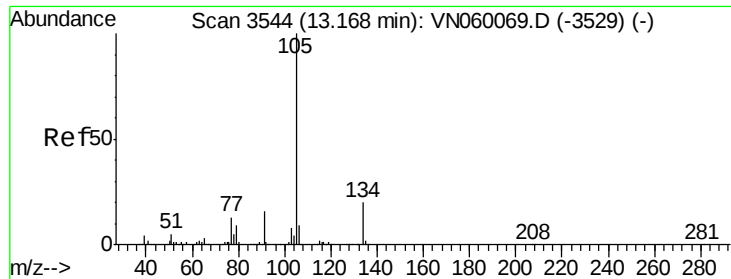
120 44.5 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.112 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

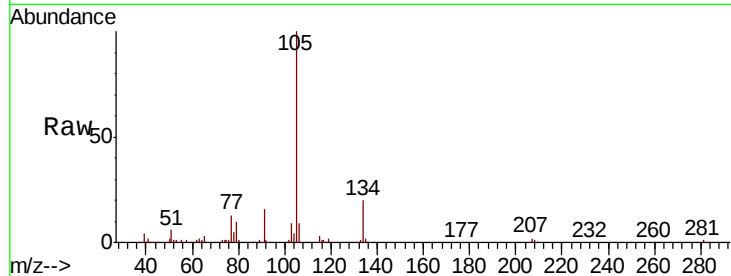
ClientSampleId :

Tot Ion:105 Resp: 216388

Ion Ratio Lower Upper

105 100

134 20.0 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

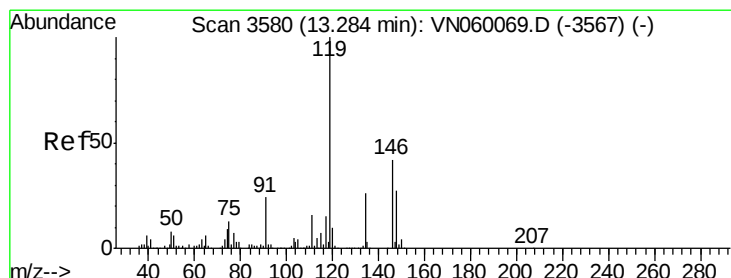
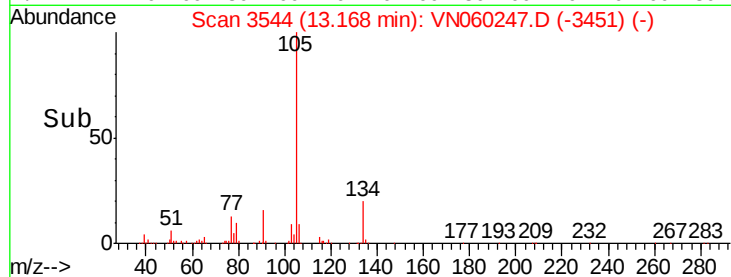
150000

100000

50000

0

Time--> 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 19.267 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

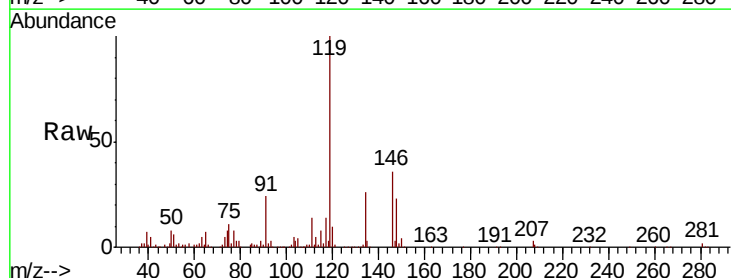
Tgt Ion:119 Resp: 197647

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 24.2 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

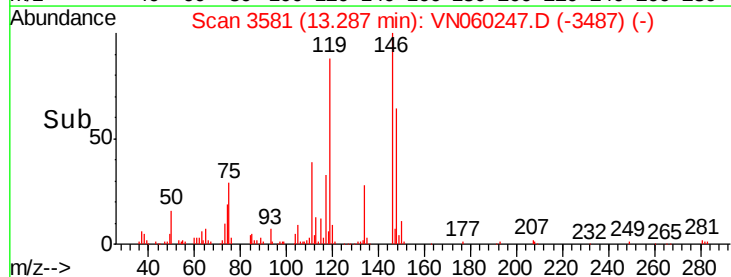
150000

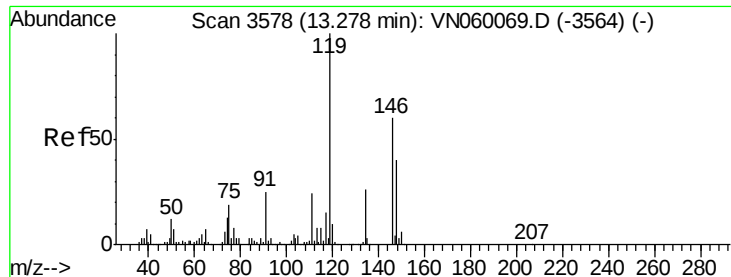
100000

50000

0

Time--> 13.25 13.30 13.35





#87

1,3-Dichlorobenzene

Concen: 19.151 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060247.D

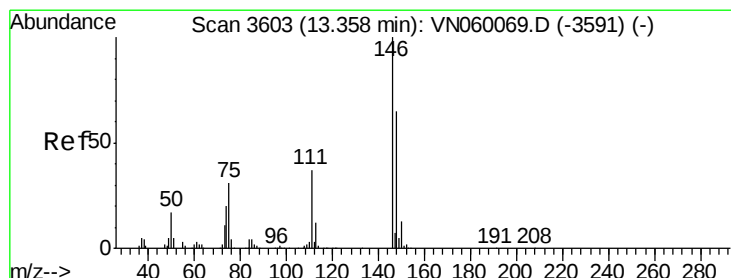
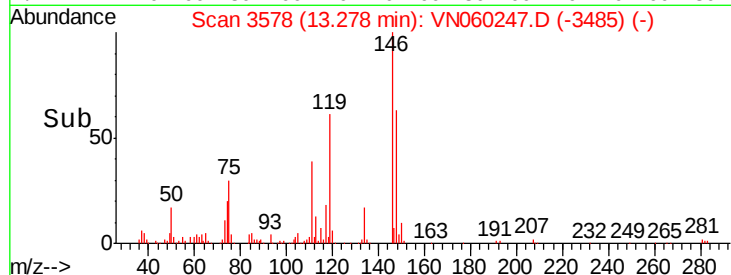
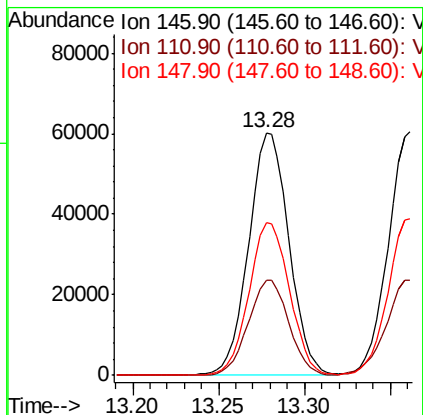
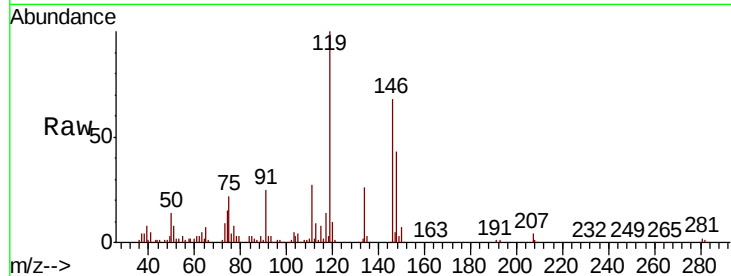
Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 146   | Resp: | 97785 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 39.3  | 19.8  | 59.3  |
| 148      | 63.2  | 32.0  | 96.2  |



#88

1,4-Dichlorobenzene

Concen: 19.186 ug/l

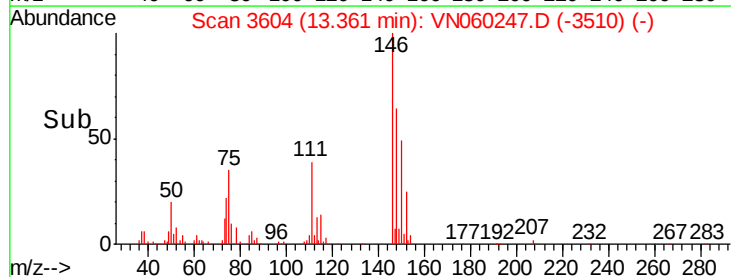
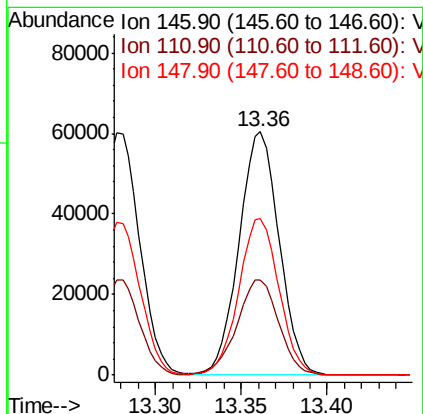
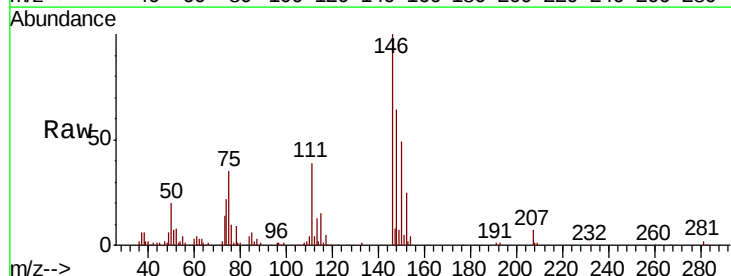
RT: 13.36 min Scan# 3604

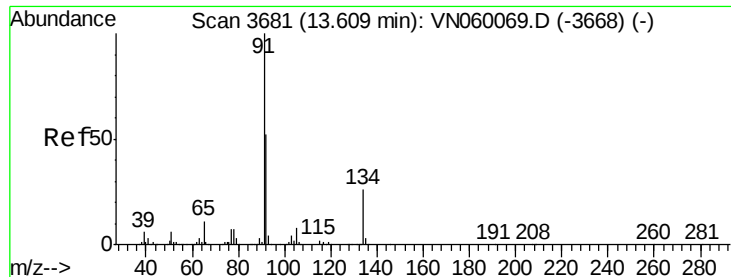
Delta R.T. 0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 97944 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 40.9  | 18.9  | 56.5  |
| 148      | 64.4  | 32.0  | 96.0  |





#89

n-Butylbenzene

Concen: 20.193 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

ClientSampleId :

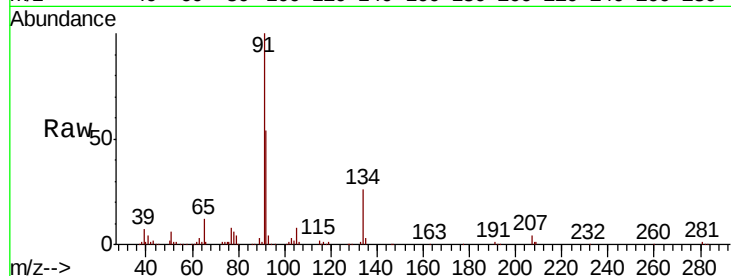
Tot Ion: 91 Resp: 182202

Ion Ratio Lower Upper

91 100

92 52.5 26.1 78.2

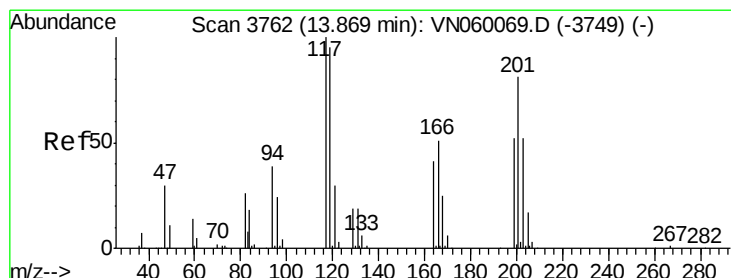
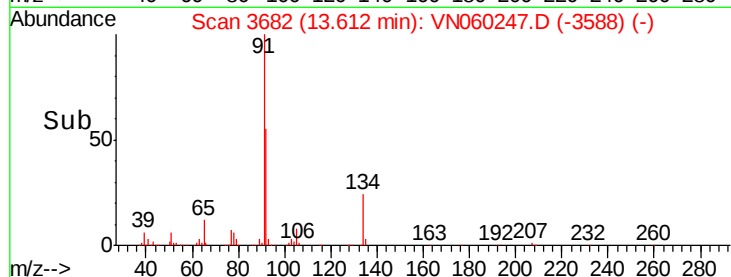
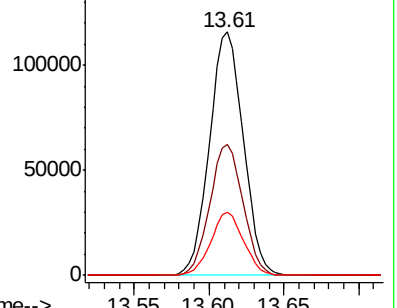
134 25.1 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN060069.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN060069.D (-3668) (-)



#90

Hexachloroethane

Concen: 14.076 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN060247.D

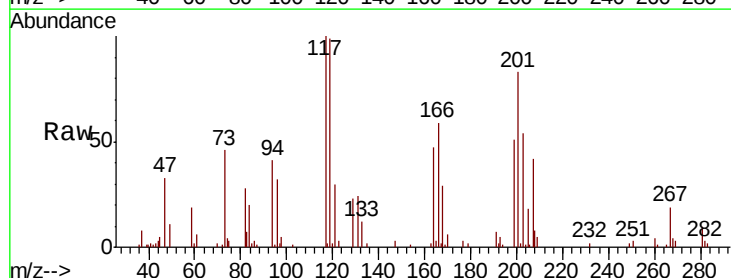
Acq: 26 Feb 2020 13:28

Tgt Ion: 117 Resp: 26977

Ion Ratio Lower Upper

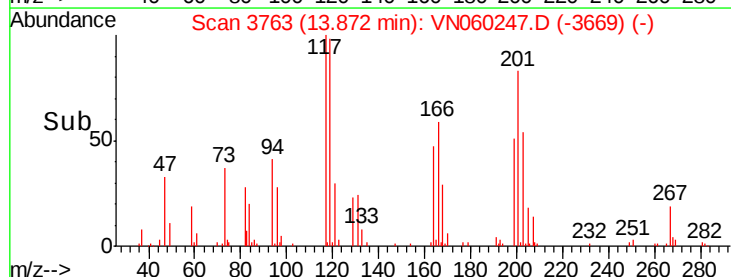
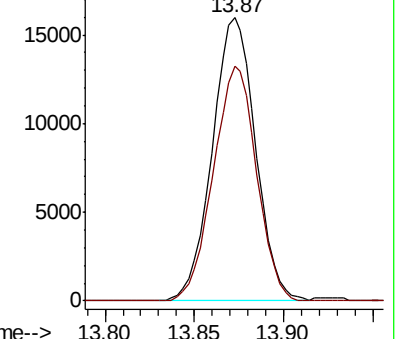
117 100

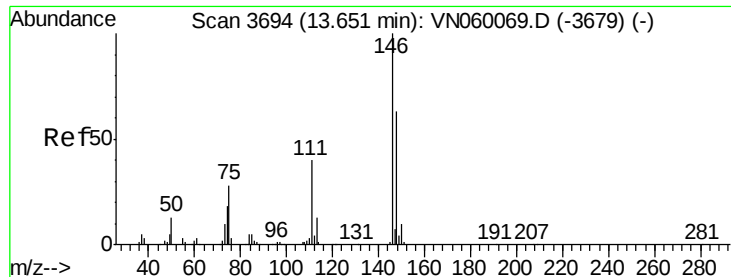
201 82.9 41.7 125.1



Abundance Ion 116.80 (116.50 to 117.50): VN060069.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060069.D (-3749) (-)

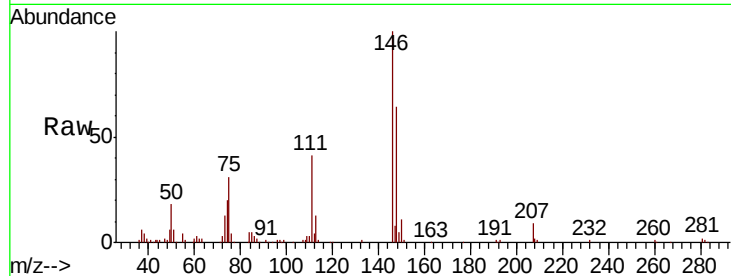




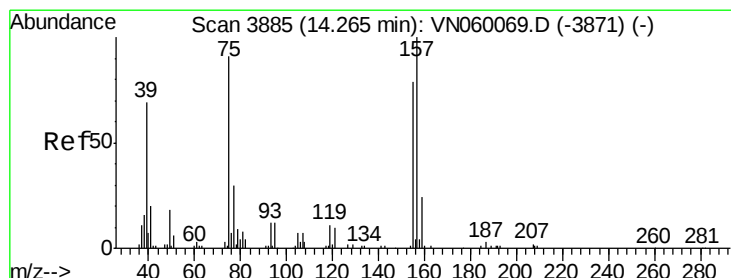
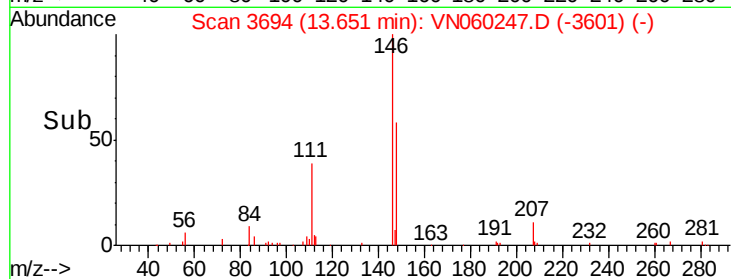
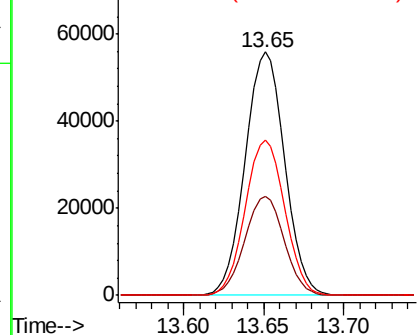
#91  
 1,2-Dichlorobenzene  
 Concen: 18.813 ug/l  
 RT: 13.65 min Scan# 3694  
 Delta R.T. -0.00 min  
 Lab File: VN060247.D  
 Acq: 26 Feb 2020 13:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.8  | 20.1  | 60.2  |
| 148     | 64.0  | 31.9  | 95.5  |

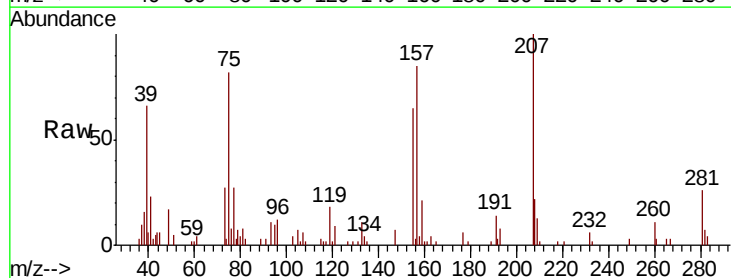


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

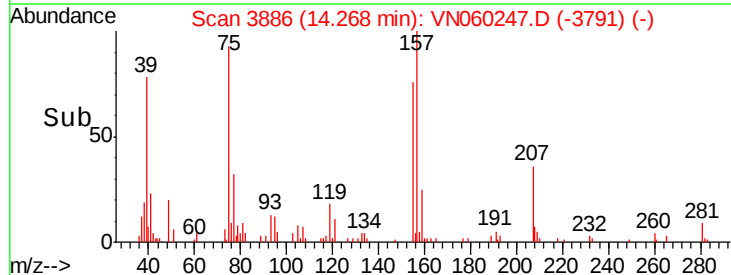
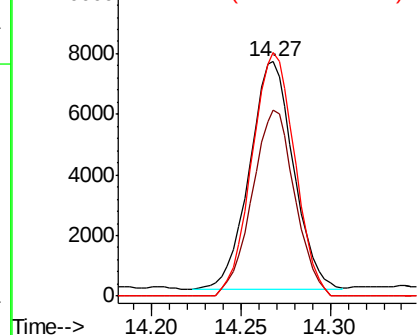


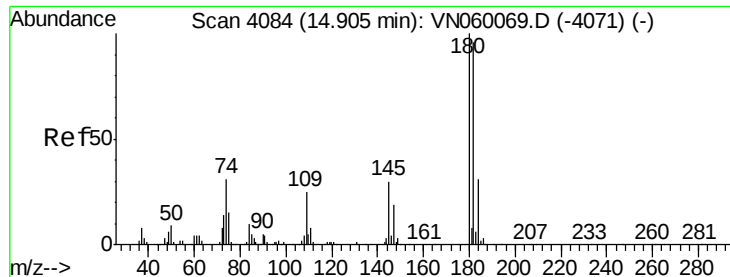
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.653 ug/l  
 RT: 14.27 min Scan# 3886  
 Delta R.T. 0.00 min  
 Lab File: VN060247.D  
 Acq: 26 Feb 2020 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 79.2  | 43.0  | 129.0 |
| 157     | 104.4 | 54.9  | 164.5 |



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

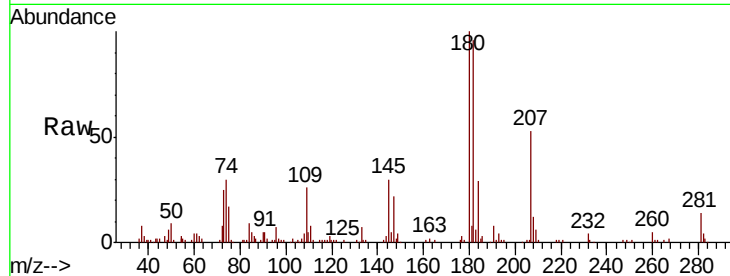




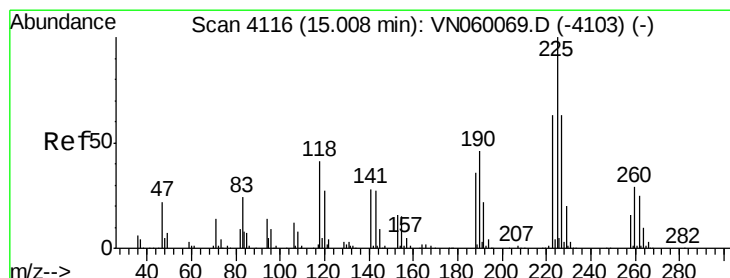
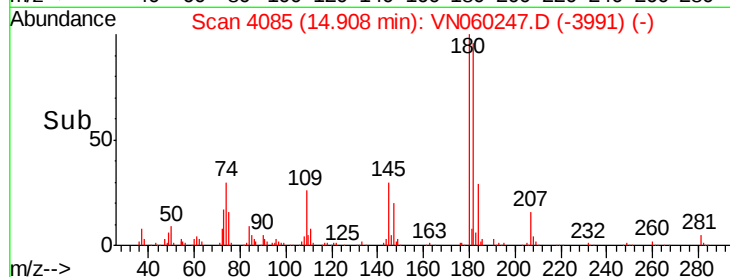
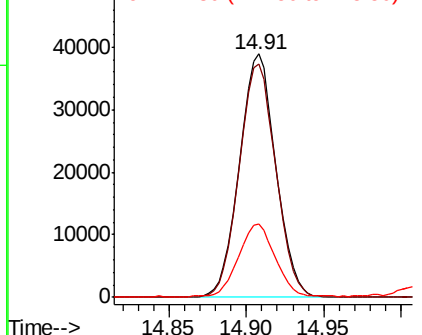
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.641 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN060247.D  
 Acq: 26 Feb 2020 13:28

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion:180 Resp: 63541  
 Ion Ratio Lower Upper  
 180 100  
 182 96.7 47.9 143.8  
 145 30.7 15.2 45.5

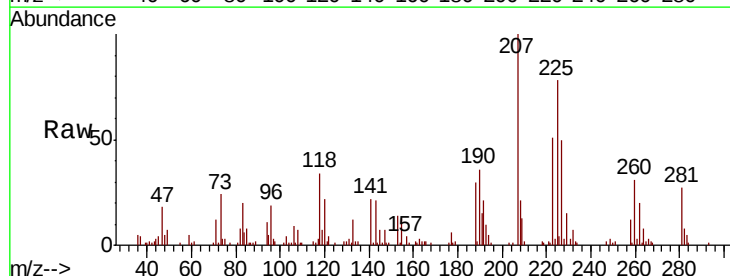


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

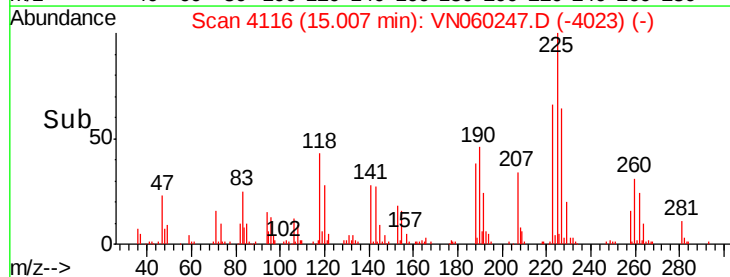
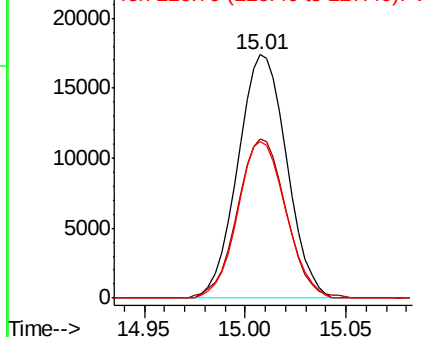


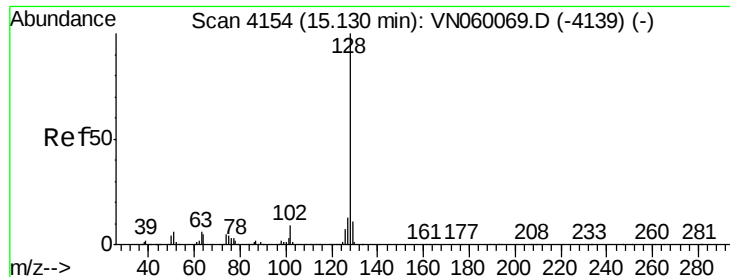
#94  
 Hexachlorobutadiene  
 Concen: 17.130 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. -0.00 min  
 Lab File: VN060247.D  
 Acq: 26 Feb 2020 13:28

Tgt Ion:225 Resp: 29445  
 Ion Ratio Lower Upper  
 225 100  
 223 65.3 31.5 94.5  
 227 63.6 31.8 95.4



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: 23.718 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

Instrument :

MSVOA\_N

ClientSampled :

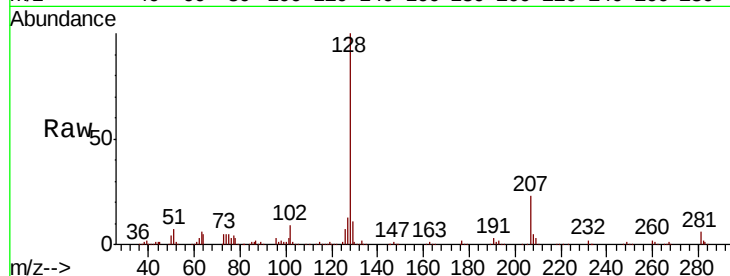
Tot Ion:128 Resp: 188113

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.7 8.6 13.0

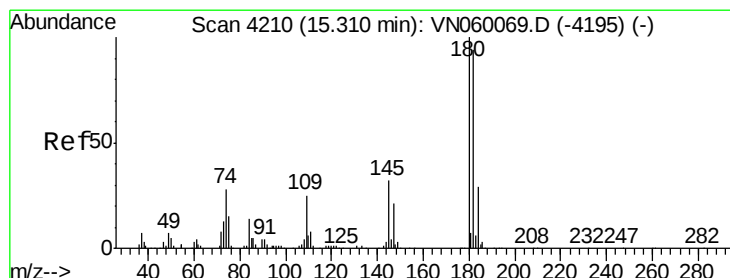
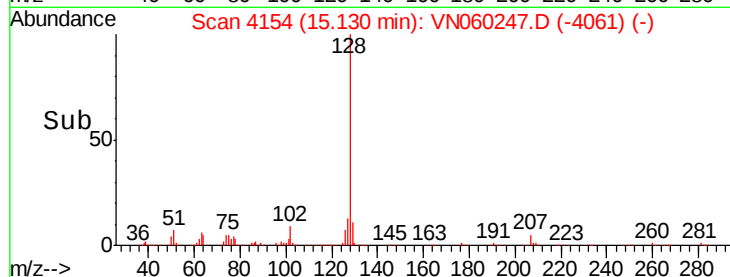
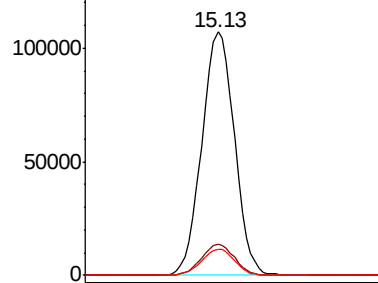


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.230 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN060247.D

Acq: 26 Feb 2020 13:28

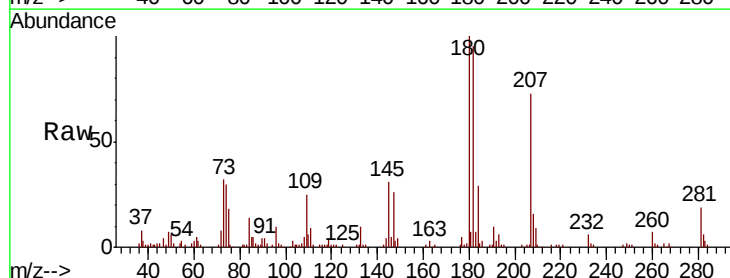
Tgt Ion:180 Resp: 62075

Ion Ratio Lower Upper

180 100

182 93.0 47.5 142.5

145 32.2 16.1 48.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

