

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\  
 Data File : VY002557.D  
 Acq On : 04 May 2020 22:38  
 Operator : SY/MD  
 Sample : VY0504SBS02  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: May 05 07:14:34 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y043020S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon May 04 12:22:08 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.82  | 168  | 380813   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 594215   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 538272   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.44 | 152  | 270330   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.17   | 65  | 170464   | 53.24 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.48% |      |
| 35) Dibromofluoromethane  | 7.74   | 113 | 176988   | 52.08 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.16% |      |
| 50) Toluene-d8            | 10.19  | 98  | 681515   | 51.35 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.70% |      |
| 62) 4-Bromofluorobenzene  | 12.49  | 95  | 231675   | 51.45 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.90% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85  | 46221  | 15.949  | ug/l | 97     |
| 3) Chloromethane              | 2.13 | 50  | 58262  | 18.884  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.26 | 62  | 68522  | 19.234  | ug/l | 100    |
| 5) Bromomethane               | 2.65 | 94  | 49561  | 20.173  | ug/l | 94     |
| 6) Chloroethane               | 2.80 | 64  | 42538  | 19.997  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 3.15 | 101 | 106558 | 19.299  | ug/l | 99     |
| 8) Diethyl Ether              | 3.55 | 74  | 40834  | 22.007  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.93 | 101 | 65911  | 19.532  | ug/l | 98     |
| 10) Methyl Iodide             | 4.11 | 142 | 92262  | 20.068  | ug/l | 98     |
| 11) Tert butyl alcohol        | 5.00 | 59  | 37901  | 115.052 | ug/l | 96     |
| 12) 1,1-Dichloroethene        | 3.90 | 96  | 66147  | 20.178  | ug/l | 98     |
| 13) Acrolein                  | 3.76 | 56  | 18637  | 81.814  | ug/l | 95     |
| 14) Allyl chloride            | 4.51 | 41  | 101794 | 21.312  | ug/l | 99     |
| 15) Acrylonitrile             | 5.21 | 53  | 96519  | 110.307 | ug/l | 99     |
| 16) Acetone                   | 3.97 | 43  | 71244  | 107.813 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.22 | 76  | 182581 | 18.513  | ug/l | 100    |
| 18) Methyl Acetate            | 4.51 | 43  | 49924  | 22.611  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.25 | 73  | 188307 | 22.017  | ug/l | 99     |
| 20) Methylene Chloride        | 4.75 | 84  | 83789  | 22.674  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 5.25 | 96  | 74458  | 20.781  | ug/l | 96     |
| 22) Diisopropyl ether         | 6.15 | 45  | 223007 | 23.075  | ug/l | 99     |
| 23) Vinyl Acetate             | 6.10 | 43  | 674415 | 110.960 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 6.05 | 63  | 126093 | 22.054  | ug/l | 99     |
| 25) 2-Butanone                | 7.02 | 43  | 120457 | 111.358 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 7.01 | 77  | 103002 | 18.953  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 7.02 | 96  | 85360  | 21.531  | ug/l | 99     |
| 28) Bromochloromethane        | 7.36 | 49  | 50777  | 21.676  | ug/l | 98     |
| 29) Tetrahydrofuran           | 7.38 | 42  | 79966  | 111.735 | ug/l | 99     |
| 30) Chloroform                | 7.54 | 83  | 129211 | 21.735  | ug/l | 95     |
| 31) Cyclohexane               | 7.81 | 56  | 110839 | 19.259  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 7.73 | 97  | 112924 | 20.436  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.94 | 75  | 98129  | 19.699  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.11 | 43  | 54701  | 21.369  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.93 | 117 | 103503 | 19.032  | ug/l | 98     |

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 Quant Title : SW846 8260  
 QLast Update : Mon May 04 12:22:08 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.20  | 83   | 121969   | 18.538  | ug/l   | 98       |
| 40) Benzene                    | 8.19  | 78   | 293415   | 20.394  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.38  | 41   | 74030    | 53.788  | ug/l # | 1        |
| 42) 1,2-Dichloroethane         | 8.26  | 62   | 81973    | 20.312  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.29  | 43   | 103339   | 21.534  | ug/l   | 99       |
| 44) Trichloroethene            | 8.96  | 130  | 92717    | 20.621  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.24  | 63   | 73705    | 21.227  | ug/l   | 98       |
| 46) Dibromomethane             | 9.33  | 93   | 41631    | 20.838  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.52  | 83   | 100934   | 20.778  | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.31  | 41   | 45484    | 20.943  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.32  | 88   | 11658    | 440.727 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 267970   | 108.335 | ug/l   | 100      |
| 52) Toluene                    | 10.26 | 92   | 188607   | 20.398  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.48 | 75   | 103520   | 20.339  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 119348   | 20.284  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.66 | 97   | 61414    | 21.080  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 82635    | 21.321  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 103385   | 20.925  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.80  | 63   | 209574   | 102.538 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.85 | 43   | 184326   | 108.271 | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.00 | 129  | 78092    | 21.075  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 60261    | 20.890  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.74 | 164  | 101308   | 21.183  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.53 | 112  | 210812   | 20.602  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 80728    | 21.253  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.60 | 91   | 364458   | 20.277  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.71 | 106  | 275992   | 39.685  | ug/l   | 98       |
| 69) o-Xylene                   | 12.04 | 106  | 131496   | 20.194  | ug/l   | 98       |
| 70) Styrene                    | 12.05 | 104  | 230935   | 20.745  | ug/l   | 99       |
| 71) Bromoform                  | 12.22 | 173  | 49905    | 21.168  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.34 | 105  | 361128   | 20.612  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.16 | 43   | 93233    | 22.122  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.60 | 83   | 56591    | 20.310  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 90318    | 37.596  | ug/l # | 100      |
| 77) Bromobenzene               | 12.62 | 156  | 92405    | 21.111  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.68 | 91   | 414265   | 20.375  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.77 | 91   | 236706   | 21.018  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.82 | 105  | 300802   | 20.713  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75   | 23456    | 19.578  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 243251   | 20.562  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.08 | 119  | 269250   | 21.144  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 302202   | 20.880  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.27 | 105  | 364437   | 20.625  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.38 | 119  | 339494   | 20.505  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.38 | 146  | 171347   | 20.683  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 172027   | 20.970  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.70 | 91   | 304391   | 20.196  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.97 | 117  | 64745    | 21.474  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.75 | 146  | 156794   | 21.210  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 10870    | 20.928  | ug/l   | 98       |

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Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 34 Sample Multiplier: 1

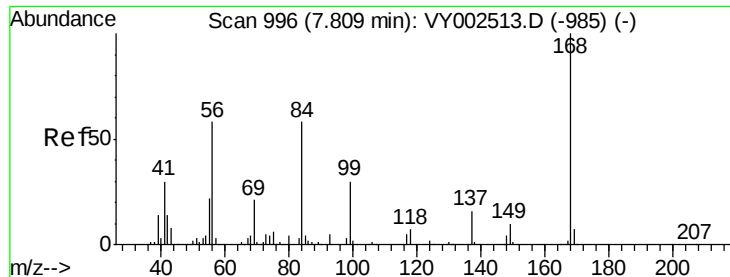
Instrument :  
MSVOA\_Y  
ClientSampleId :

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| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.02 | 180  | 108336   | 20.186 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.12 | 225  | 66710    | 20.708 | ug/l  | 99       |
| 95) Naphthalene            | 15.25 | 128  | 208855   | 21.332 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.44 | 180  | 94749    | 20.796 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

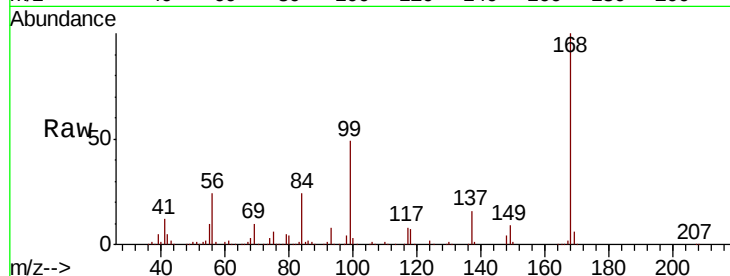
ClientSampleId :

Tot Ion:168 Resp: 380813

Ion Ratio Lower Upper

168 100

99 48.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.82

150000

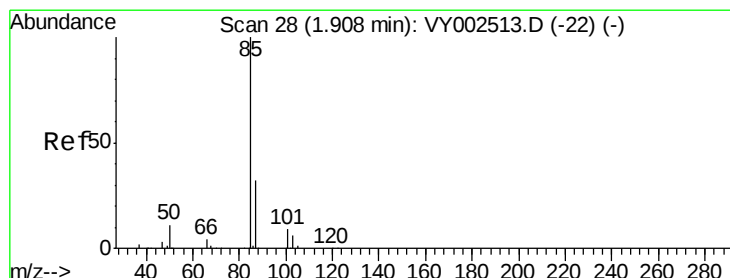
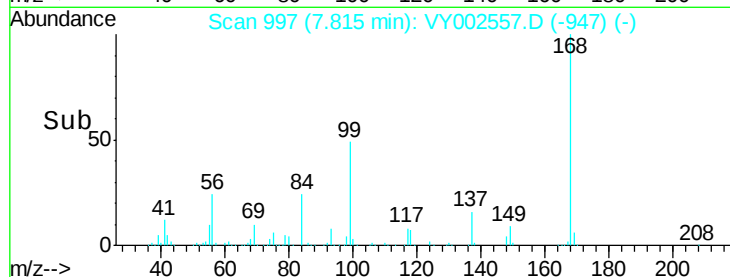
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 15.949 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002557.D

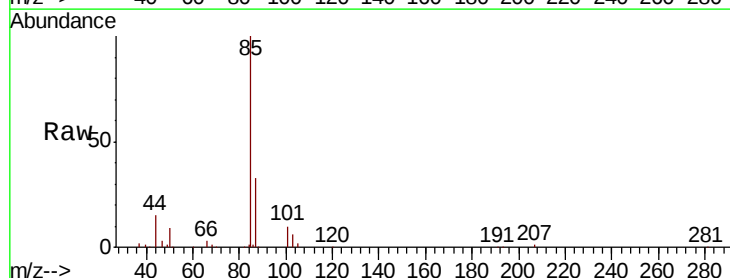
Acq: 04 May 2020 22:38

Tgt Ion: 85 Resp: 46221

Ion Ratio Lower Upper

85 100

87 33.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

30000

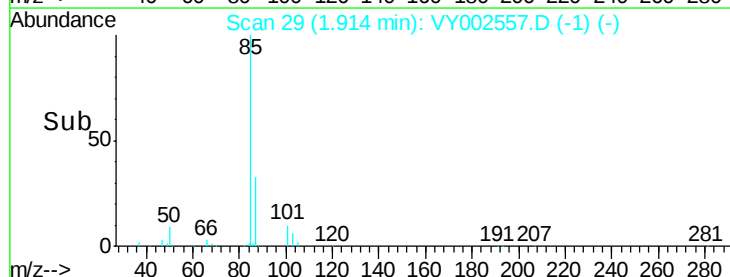
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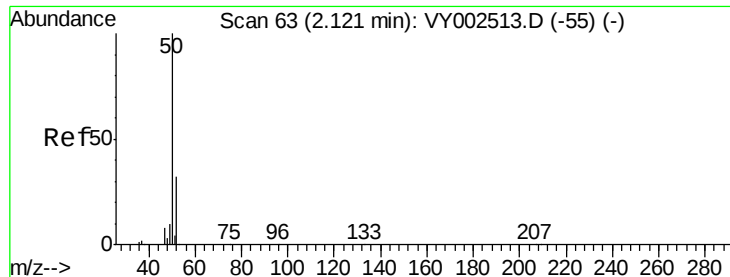
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 18.884 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

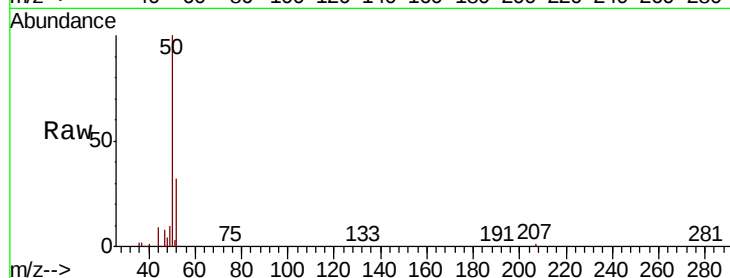
ClientSampleId :

Tot Ion: 50 Resp: 58262

Ion Ratio Lower Upper

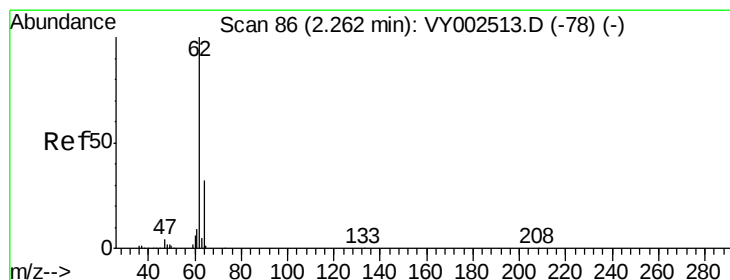
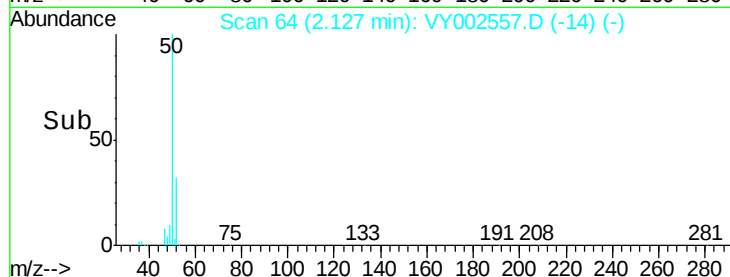
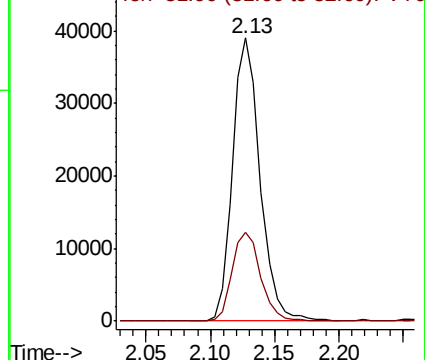
50 100

52 31.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.234 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002557.D

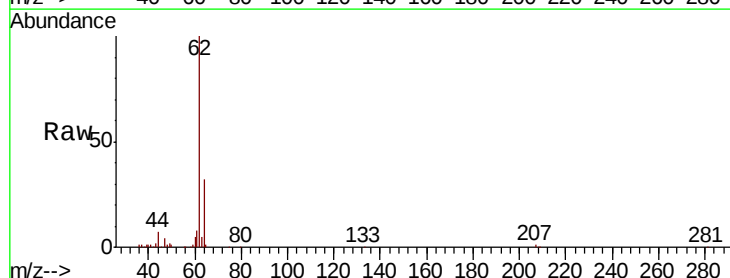
Acq: 04 May 2020 22:38

Tgt Ion: 62 Resp: 68522

Ion Ratio Lower Upper

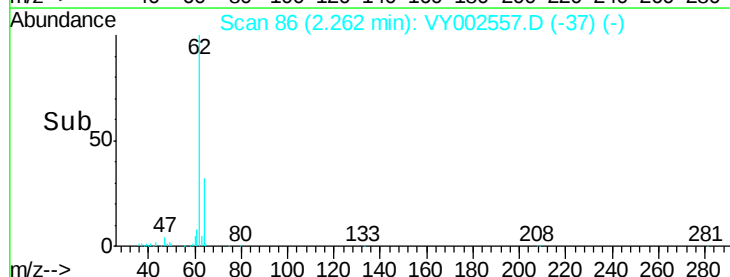
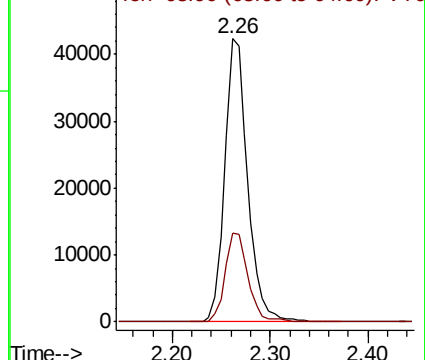
62 100

64 31.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.173 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

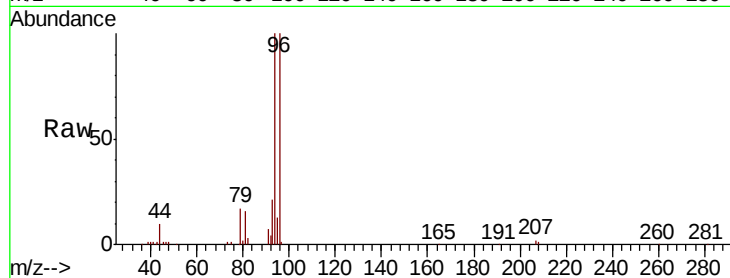
ClientSampleId :

Tot Ion: 94 Resp: 49561

Ion Ratio Lower Upper

94 100

96 99.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

25000

20000

15000

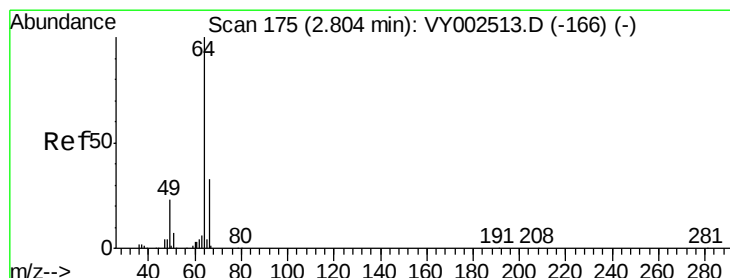
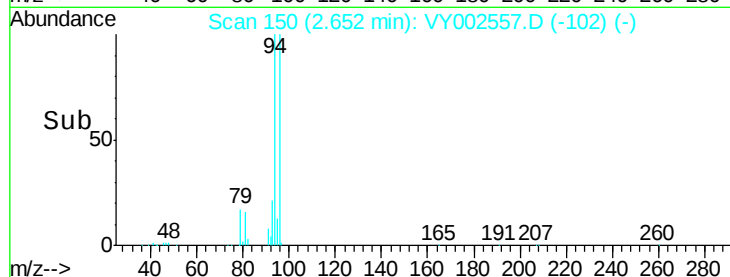
10000

5000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 19.997 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002557.D

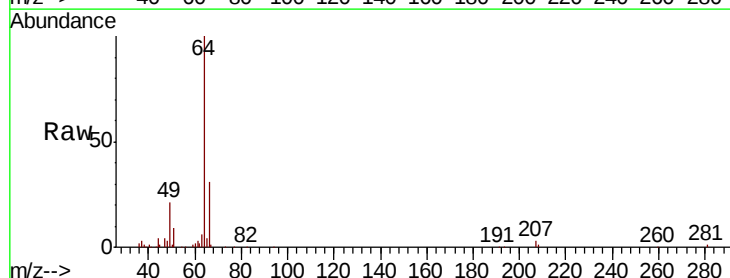
Acq: 04 May 2020 22:38

Tgt Ion: 64 Resp: 42538

Ion Ratio Lower Upper

64 100

66 31.1 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

20000

15000

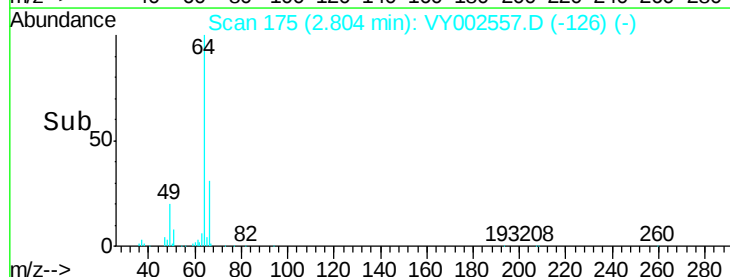
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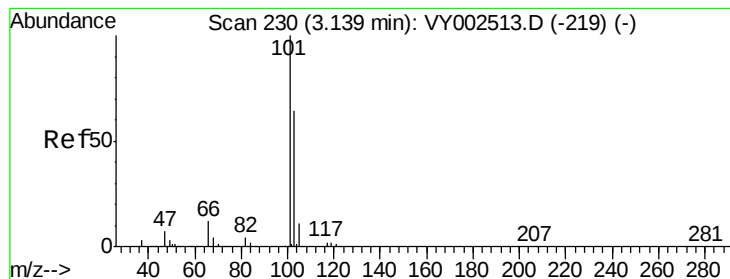
5000

0

Time-->

2.70 2.80 2.90



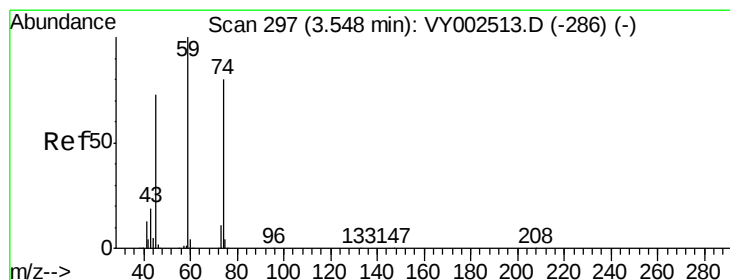
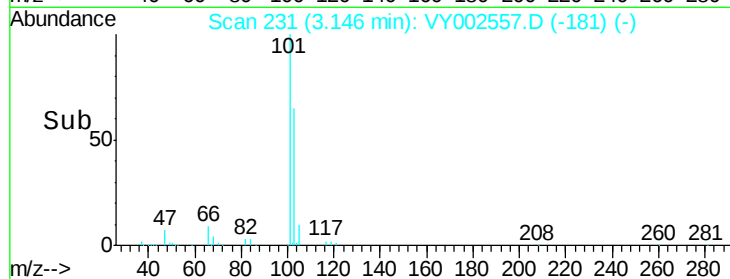
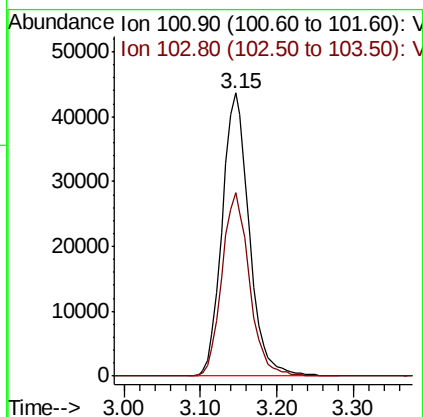
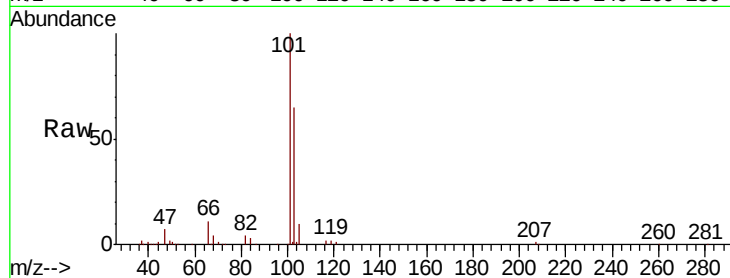


#7

Trichlorofluoromethane  
Concen: 19.299 ug/l  
RT: 3.15 min Scan# 231  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :

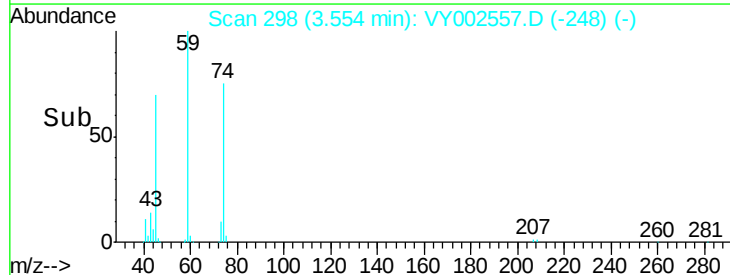
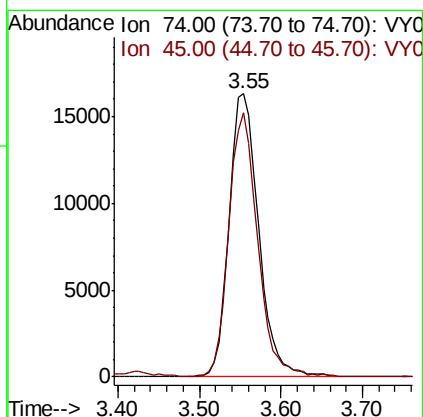
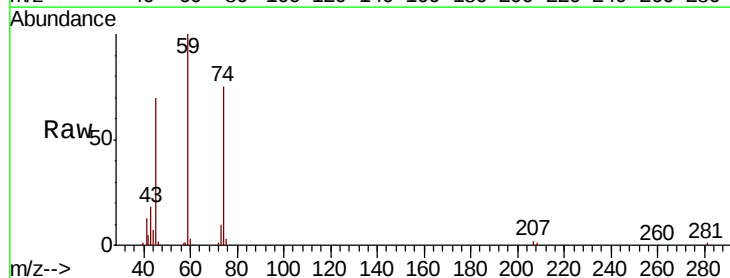
Tot Ion:101 Resp: 106558  
Ion Ratio Lower Upper  
101 100  
103 64.9 51.4 77.0

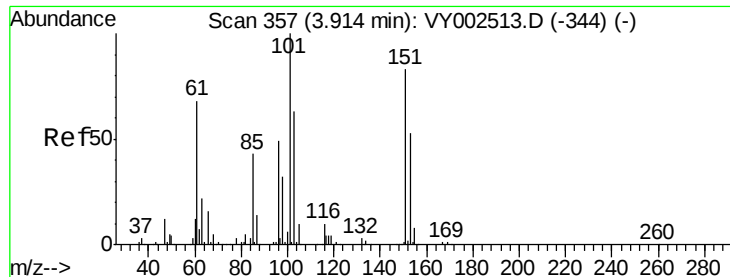


#8

Diethyl Ether  
Concen: 22.007 ug/l  
RT: 3.55 min Scan# 298  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Tgt Ion: 74 Resp: 40834  
Ion Ratio Lower Upper  
74 100  
45 91.2 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.532 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.02 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampled :

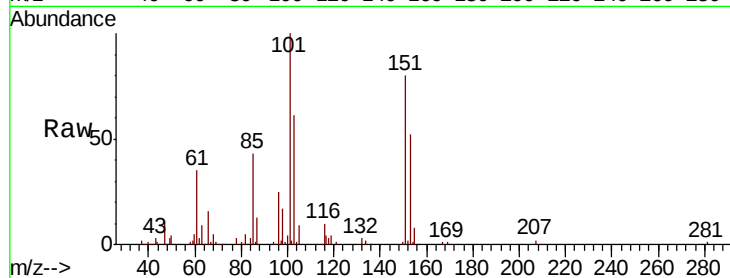
Tot Ion:101 Resp: 65911

Ion Ratio Lower Upper

101 100

85 44.0 33.4 50.2

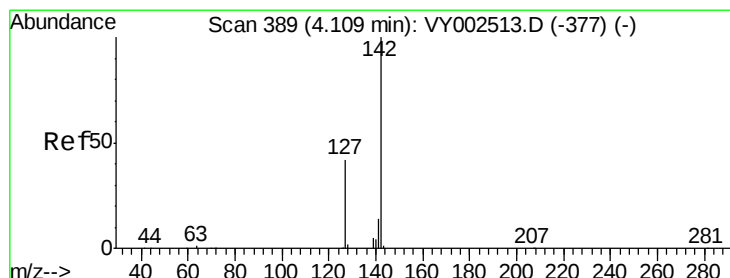
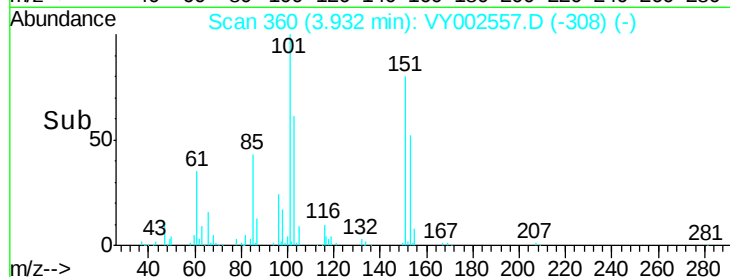
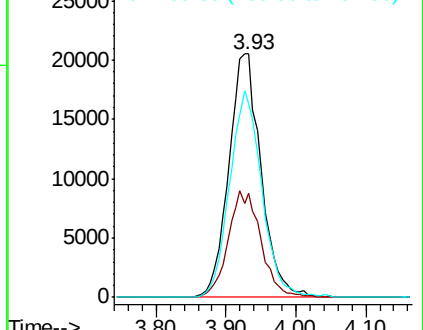
151 84.5 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.068 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

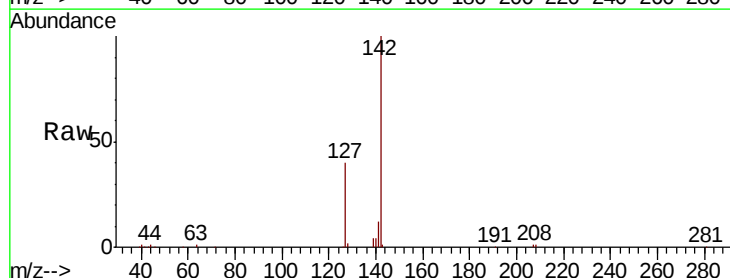
Tgt Ion:142 Resp: 92262

Ion Ratio Lower Upper

142 100

127 40.8 33.7 50.5

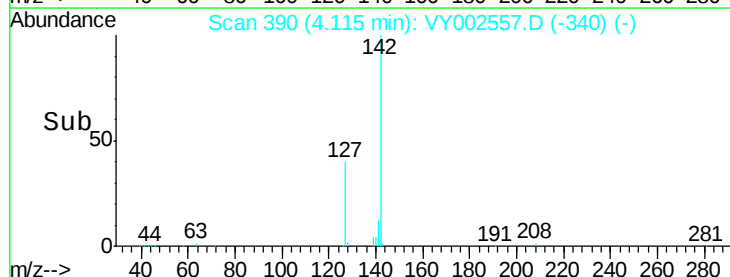
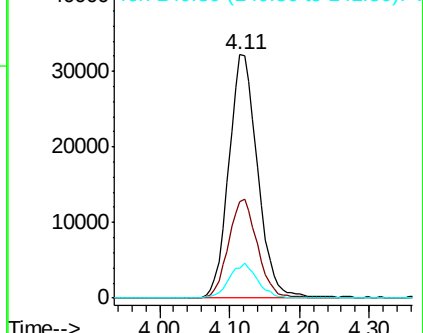
141 13.7 11.4 17.0

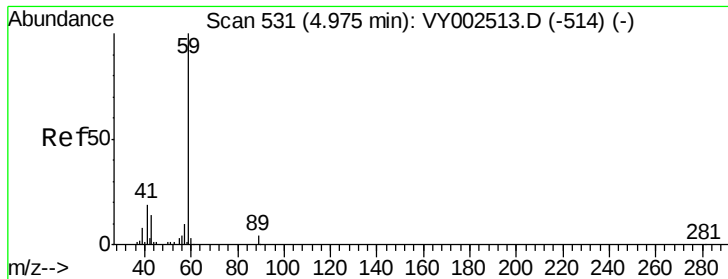


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



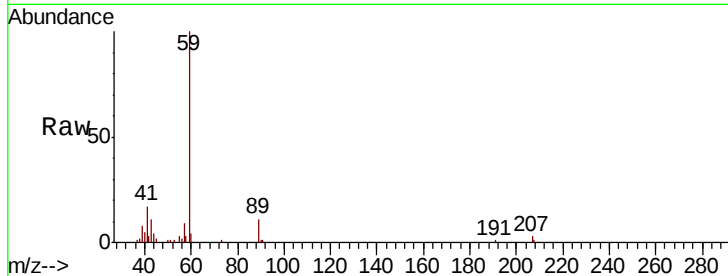


#11

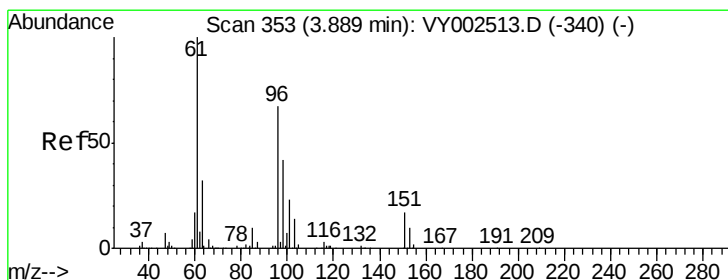
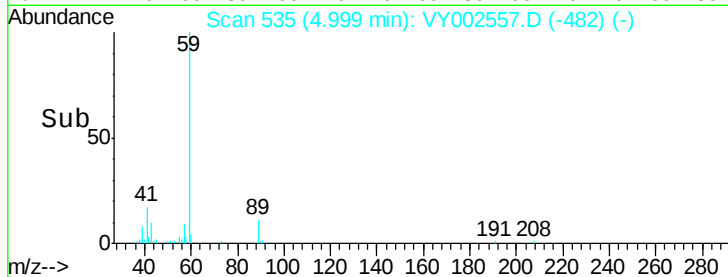
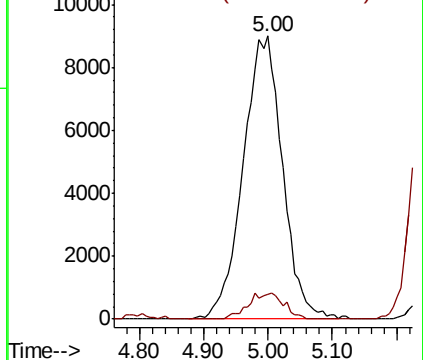
Tert butyl alcohol  
Concen: 115.052 ug/l  
RT: 5.00 min Scan# 535  
Delta R.T. 0.02 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 59 Resp: 37901  
Ion Ratio Lower Upper  
59 100  
57 8.3 7.8 11.6



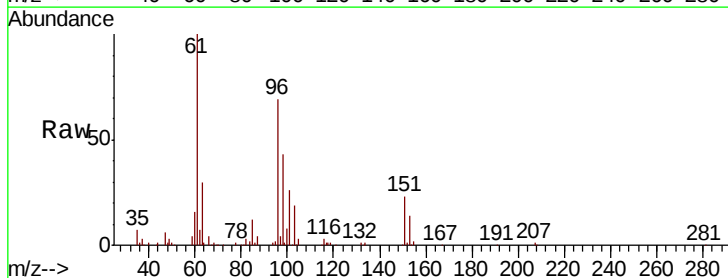
Abundance Ion 59.00 (58.70 to 59.70): VY0  
Ion 57.00 (56.70 to 57.70): VY0



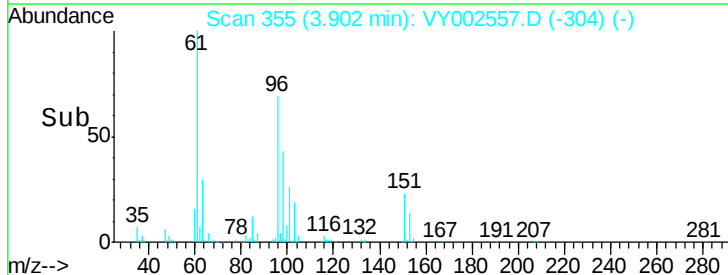
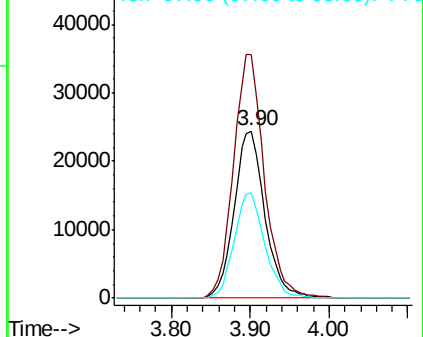
#12

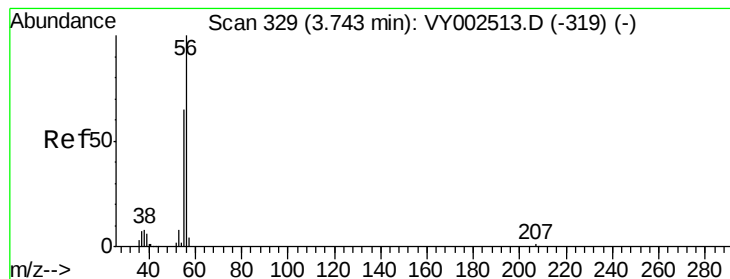
1,1-Dichloroethene  
Concen: 20.178 ug/l  
RT: 3.90 min Scan# 355  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Tgt Ion: 96 Resp: 66147  
Ion Ratio Lower Upper  
96 100  
61 145.6 118.8 178.2  
98 63.3 49.6 74.4



Abundance Ion 95.90 (95.60 to 96.60): VY0  
Ion 60.90 (60.60 to 61.60): VY0  
Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 81.814 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

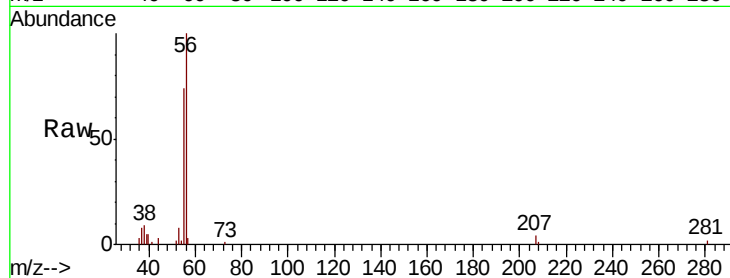
ClientSampleId :

Tot Ion: 56 Resp: 18637

Ion Ratio Lower Upper

56 100

55 71.5 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.76

8000

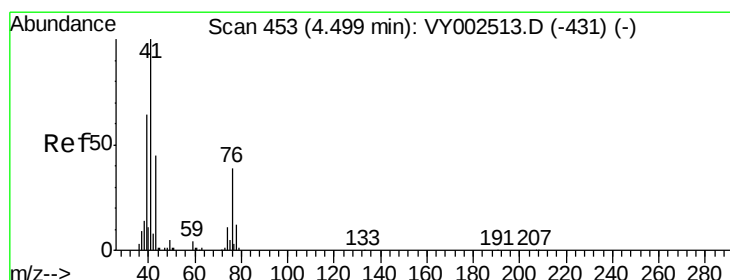
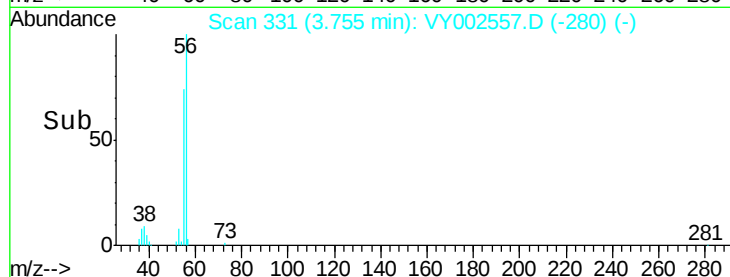
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 21.312 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

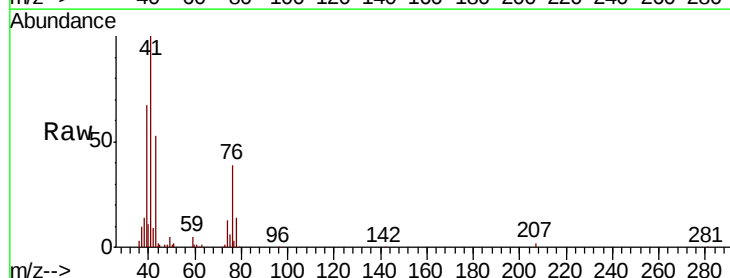
Tgt Ion: 41 Resp: 101794

Ion Ratio Lower Upper

41 100

39 63.2 51.8 77.6

76 39.3 31.7 47.5



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.51

40000

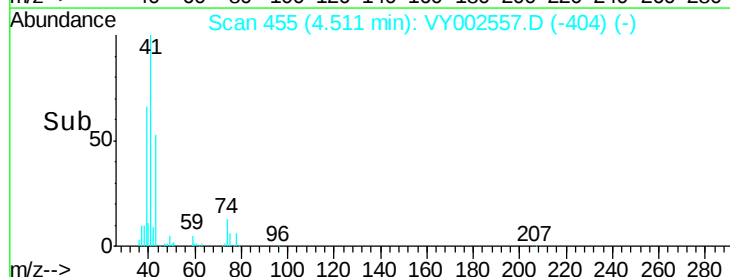
30000

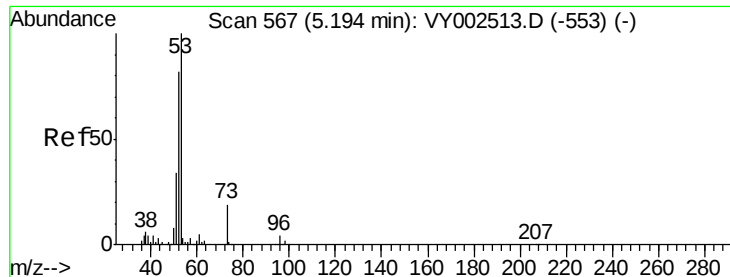
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 110.307 ug/l

RT: 5.21 min Scan# 569

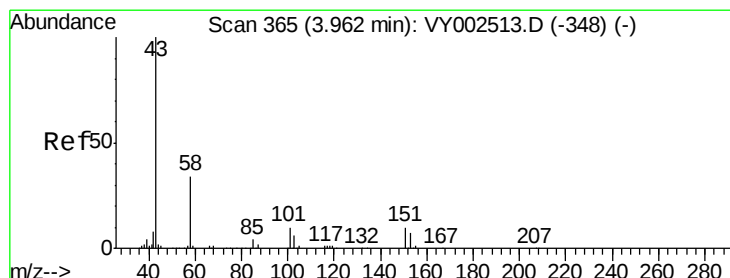
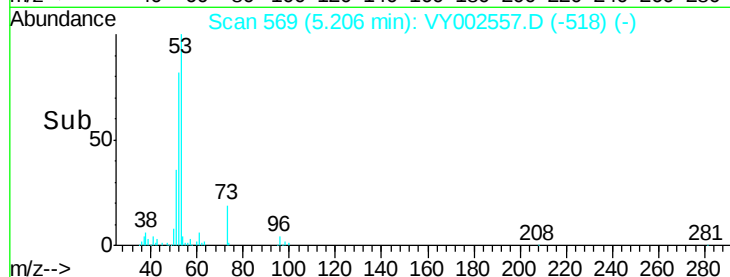
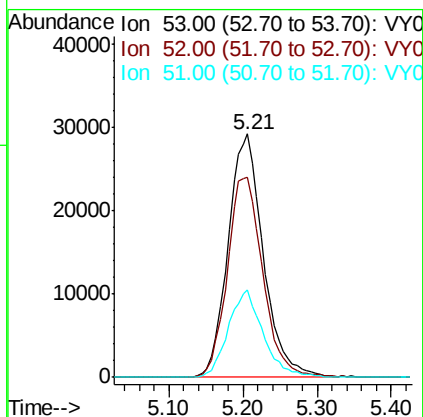
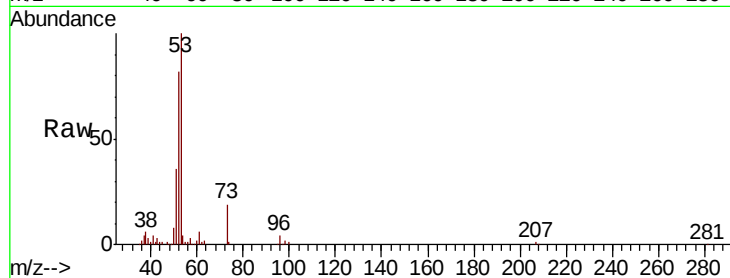
Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 96519 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.2  | 65.4  | 98.0  |
| 51       | 35.6  | 28.7  | 43.1  |



#16

Acetone

Concen: 107.813 ug/l

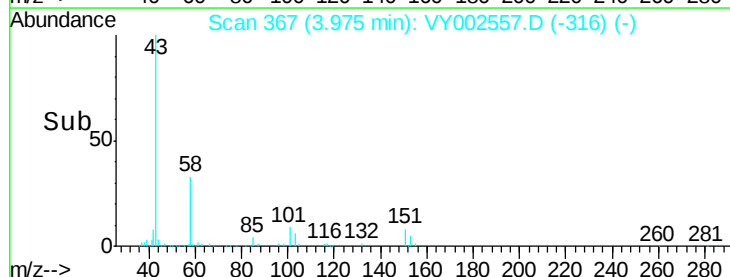
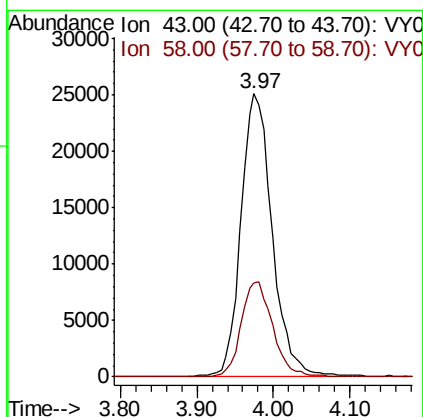
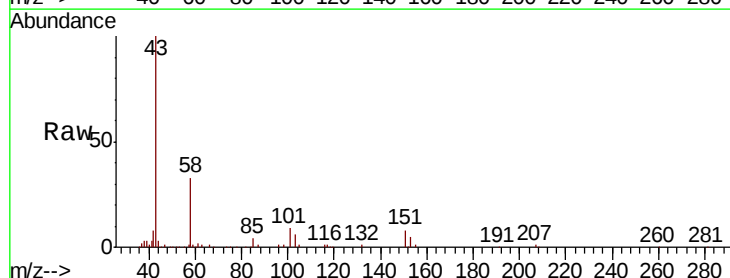
RT: 3.97 min Scan# 367

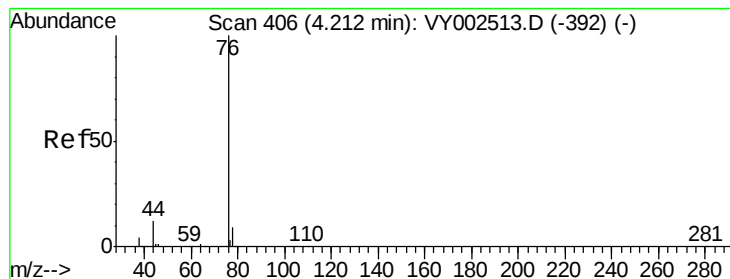
Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 71244 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 33.0  | 26.9  | 40.3  |





#17

Carbon Disulfide

Concen: 18.513 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

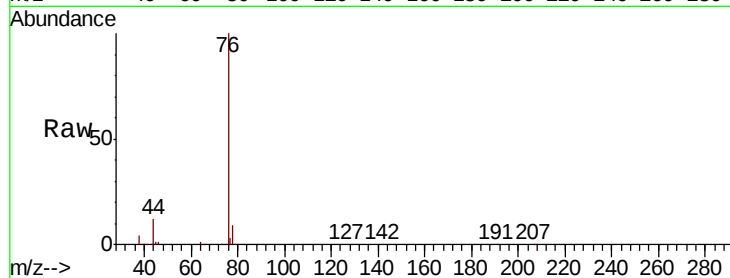
ClientSampleId :

Tot Ion: 76 Resp: 182581

Ion Ratio Lower Upper

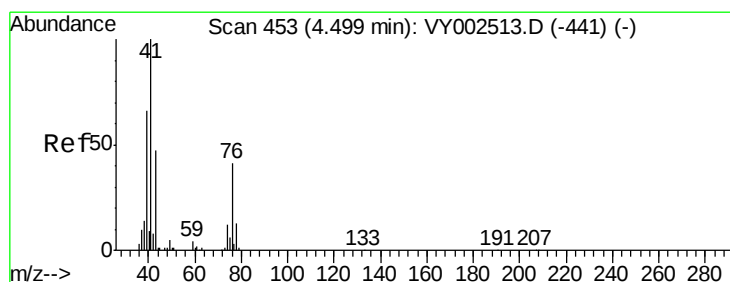
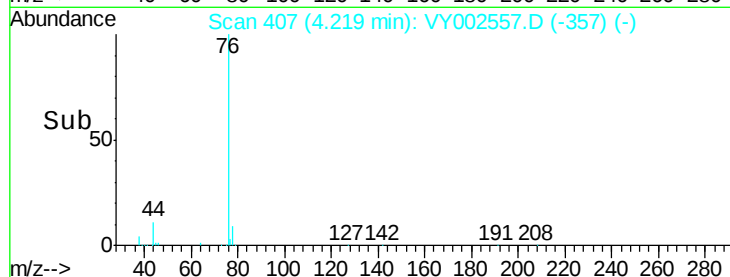
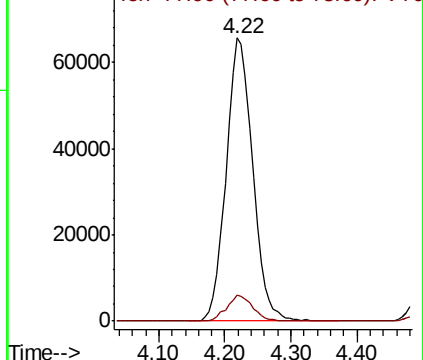
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 22.611 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002557.D

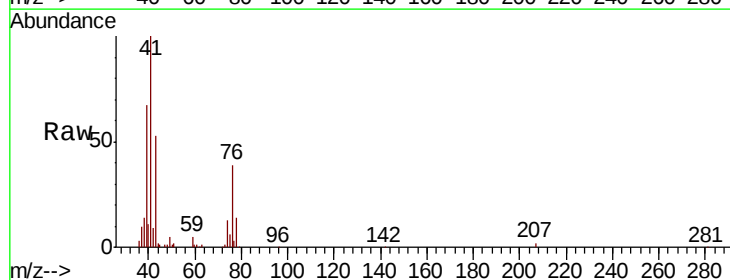
Acq: 04 May 2020 22:38

Tgt Ion: 43 Resp: 49924

Ion Ratio Lower Upper

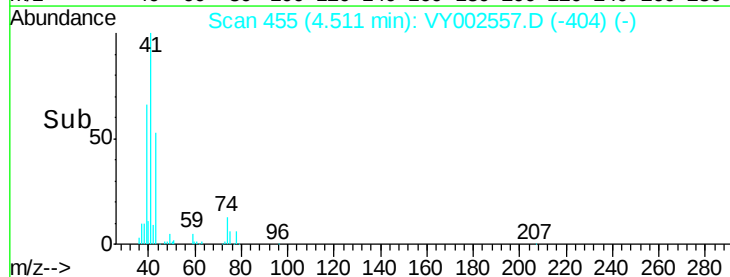
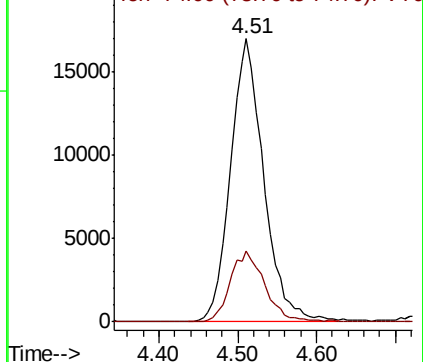
43 100

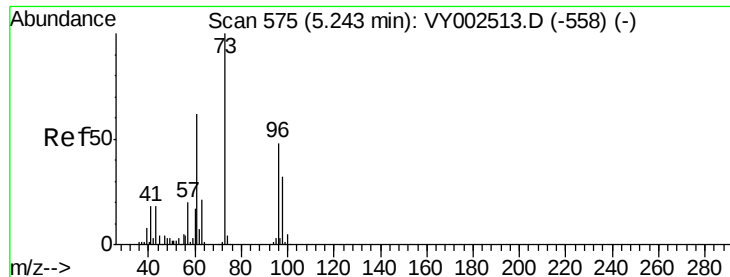
74 25.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

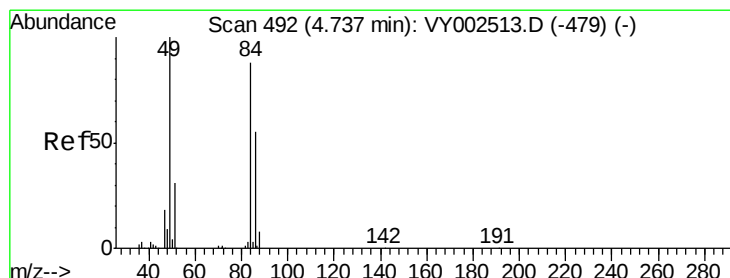
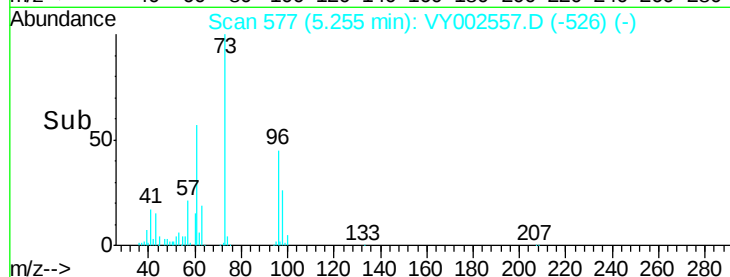
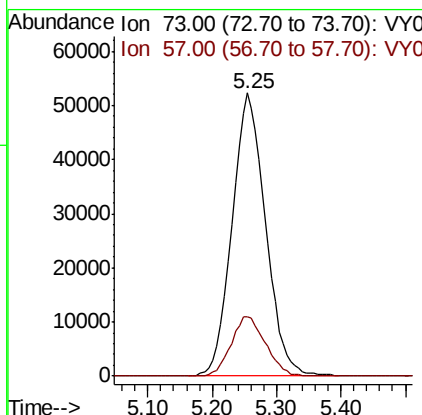
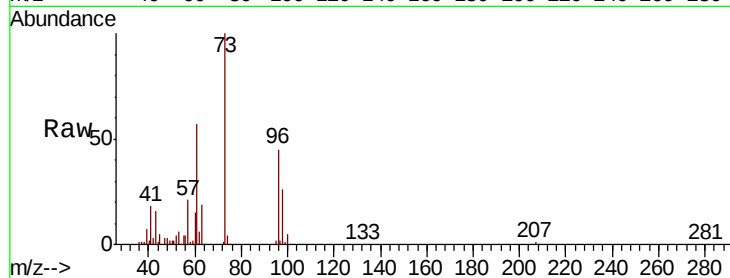




#19  
Methvl tert-butvl Ether  
Concen: 22.017 ug/l  
RT: 5.25 min Scan# 577  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

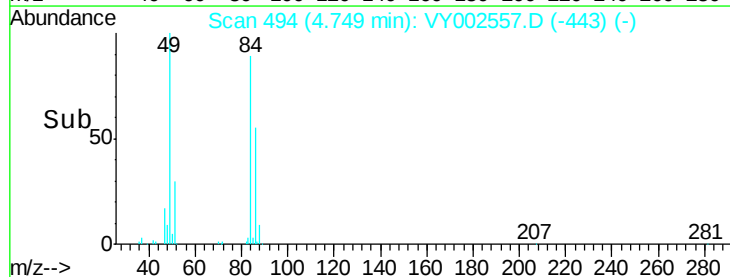
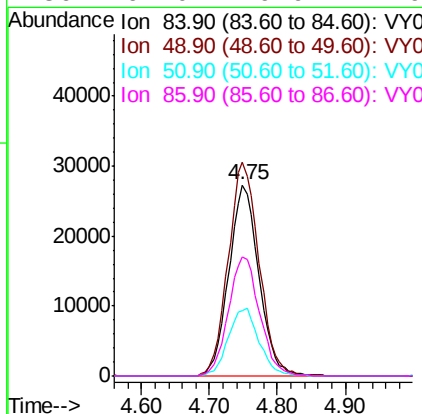
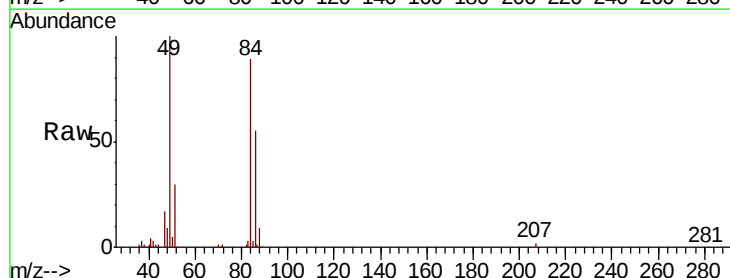
Instrument :  
MSVOA\_Y  
ClientSampleId :

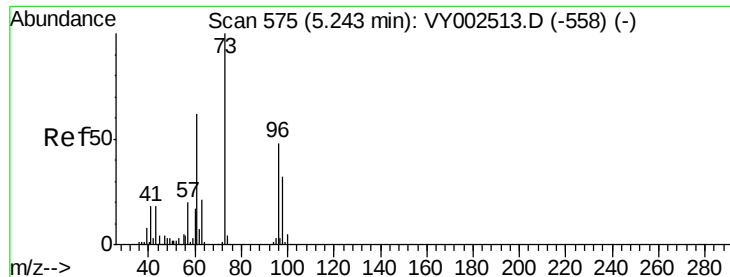
Tot Ion: 73 Resp: 188307  
Ion Ratio Lower Upper  
73 100  
57 20.9 16.3 24.5



#20  
Methylene Chloride  
Concen: 22.674 ug/l  
RT: 4.75 min Scan# 494  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Tgt Ion: 84 Resp: 83789  
Ion Ratio Lower Upper  
84 100  
49 111.7 90.5 135.7  
51 34.1 28.3 42.5  
86 62.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 20.781 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

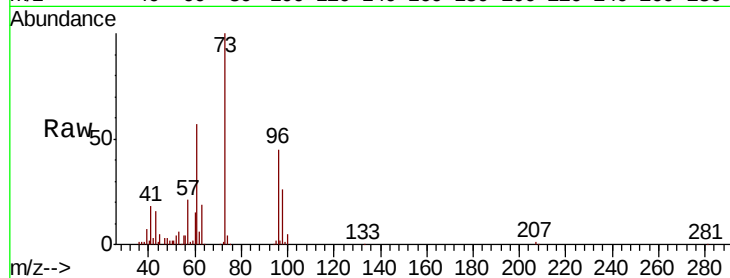
Tot Ion: 96 Resp: 74458

Ion Ratio Lower Upper

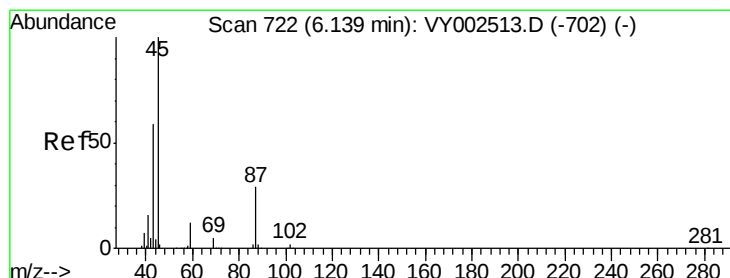
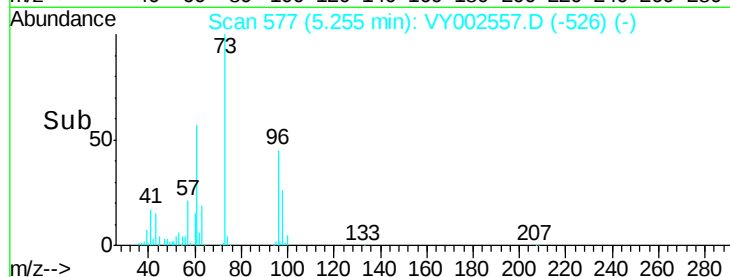
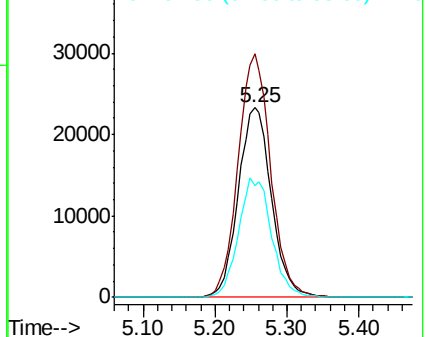
96 100

61 128.4 102.0 153.0

98 59.1 53.0 79.4



Abundance Ion 95.90 (95.60 to 96.60): VY0  
Ion 60.90 (60.60 to 61.60): VY0  
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 23.075 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Tgt Ion: 45 Resp: 223007

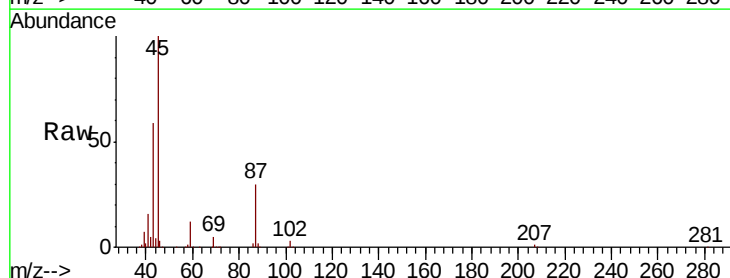
Ion Ratio Lower Upper

45 100

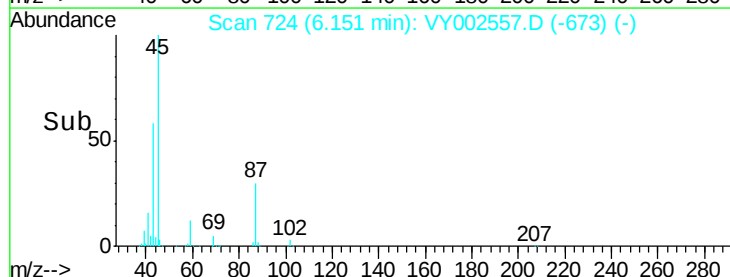
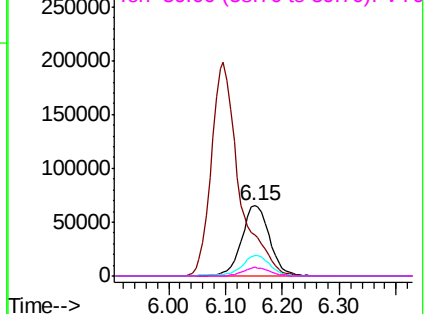
43 58.5 47.4 71.0

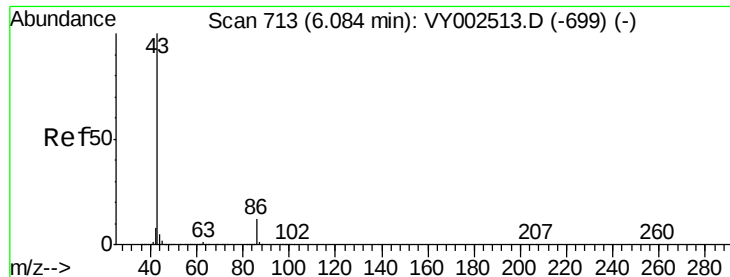
87 30.0 24.0 36.0

59 12.4 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VY0  
Ion 43.00 (42.70 to 43.70): VY0  
Ion 87.00 (86.70 to 87.70): VY0  
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 110.960 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

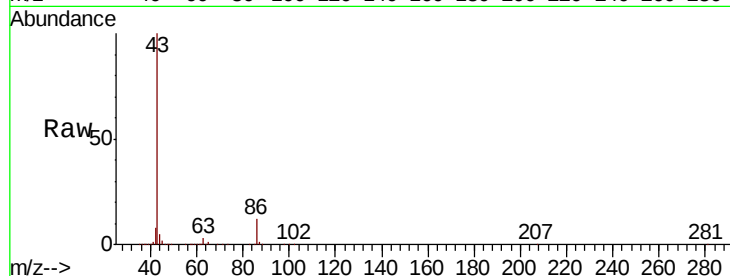
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 43 Resp: 674415

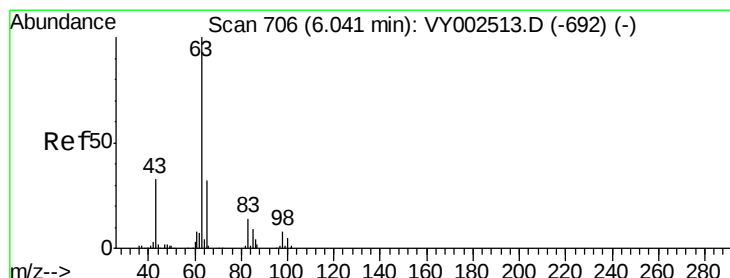
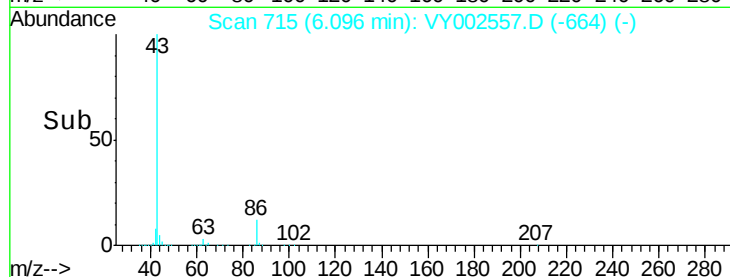
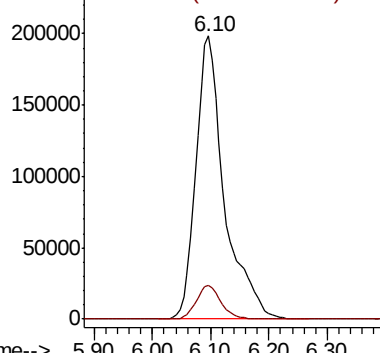
Ion Ratio Lower Upper

43 100

86 12.0 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0  
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.054 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

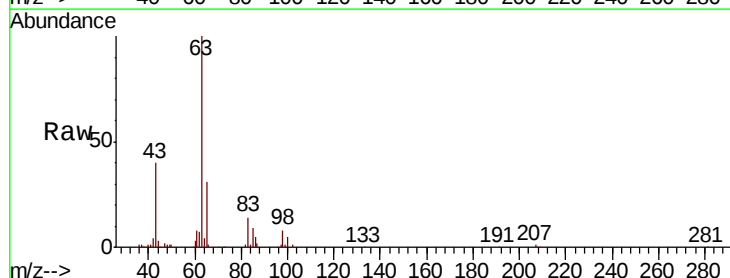
Tgt Ion: 63 Resp: 126093

Ion Ratio Lower Upper

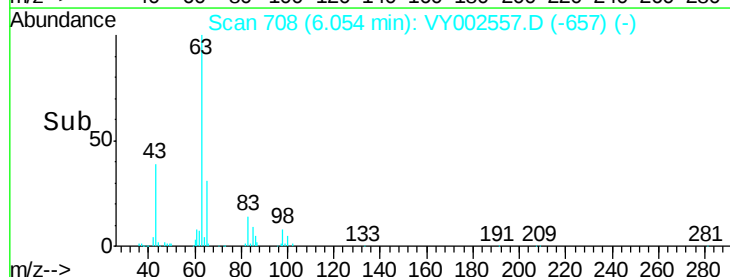
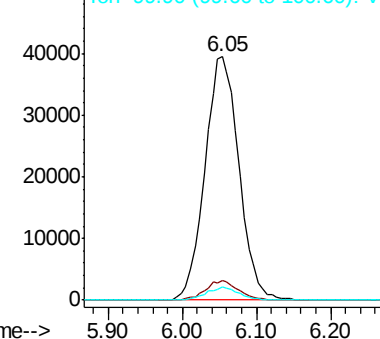
63 100

98 7.8 3.9 11.7

100 5.4 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0  
Ion 97.90 (97.60 to 98.60): VY0  
Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 111.358 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

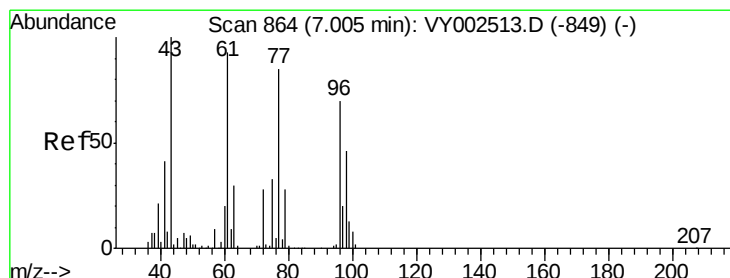
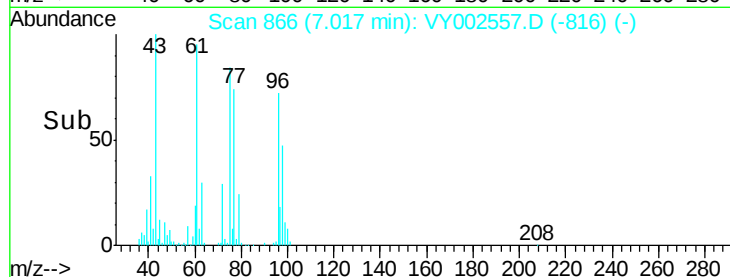
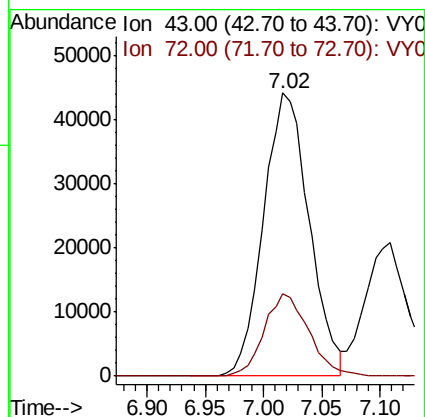
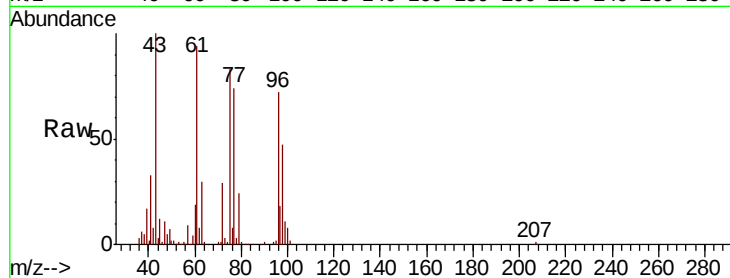
ClientSampleId :

Tot Ion: 43 Resp: 120457

Ion Ratio Lower Upper

43 100

72 29.1 24.1 36.1



#26

2,2-Dichloropropane

Concen: 18.953 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002557.D

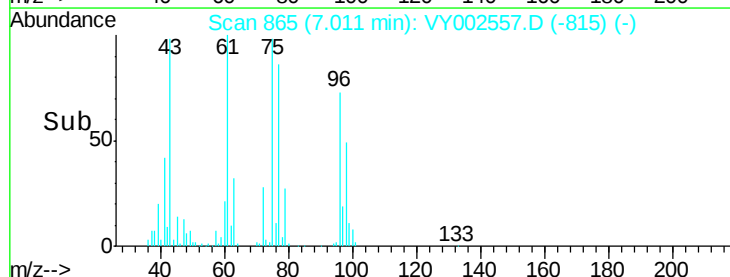
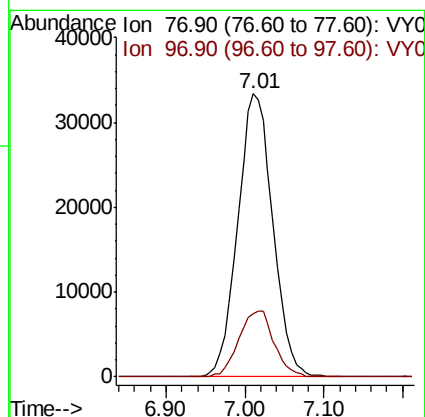
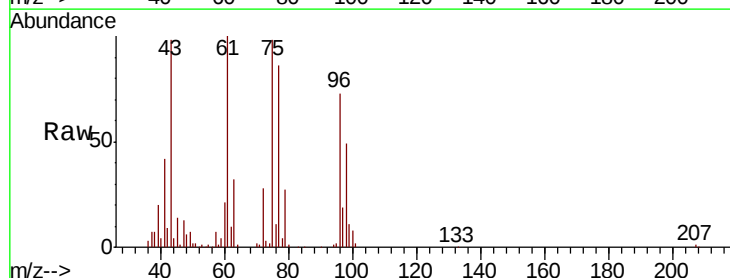
Acq: 04 May 2020 22:38

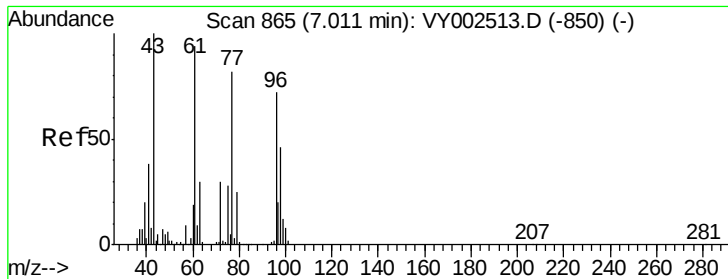
Tgt Ion: 77 Resp: 103002

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.5



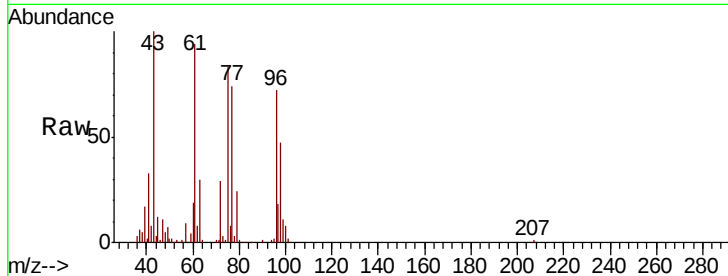


#27

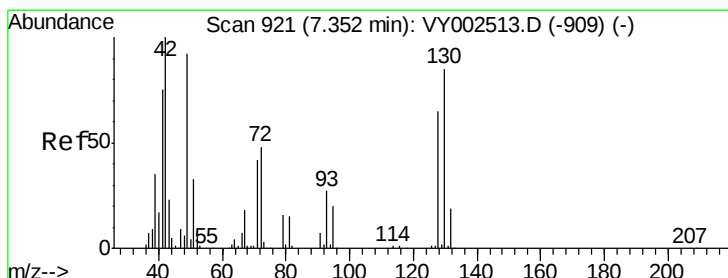
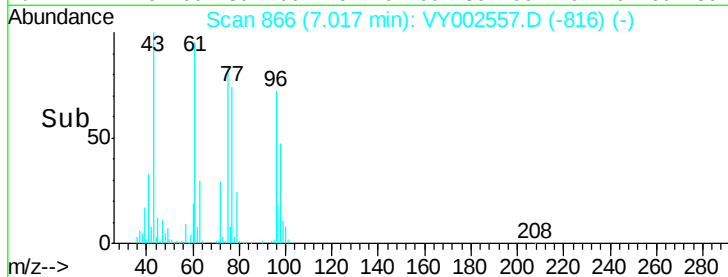
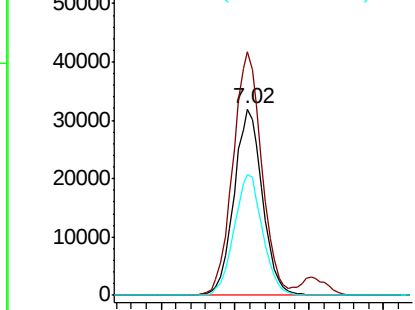
cis-1,2-Dichloroethene  
 Concen: 21.531 ug/l  
 RT: 7.02 min Scan# 866  
 Delta R.T. 0.01 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tot Ion: 96 Resp: 85360  
 Ion Ratio Lower Upper  
 96 100  
 61 132.5 0.0 266.6  
 98 65.2 0.0 129.2



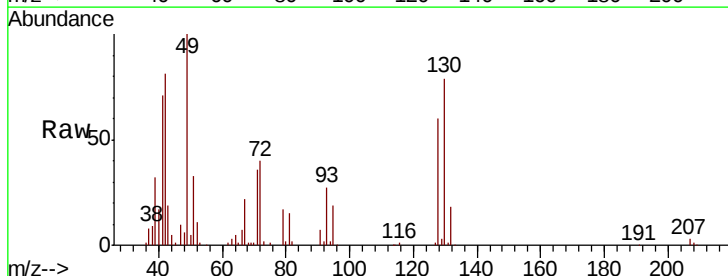
Abundance Ion 95.90 (95.60 to 96.60): VY0  
 Ion 60.90 (60.60 to 61.60): VY0  
 Ion 97.90 (97.60 to 98.60): VY0



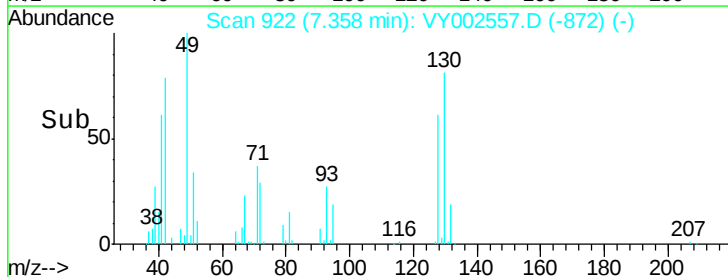
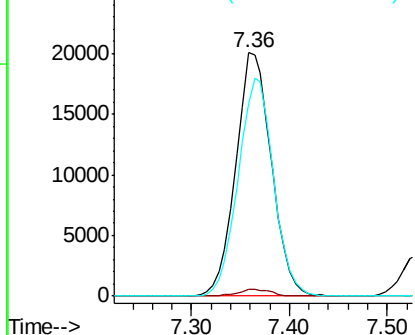
#28

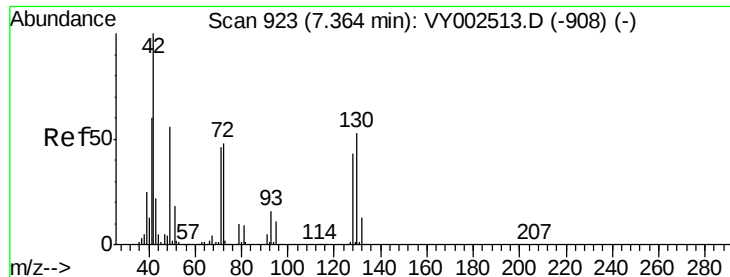
Bromochloromethane  
 Concen: 21.676 ug/l  
 RT: 7.36 min Scan# 922  
 Delta R.T. 0.01 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

Tgt Ion: 49 Resp: 50777  
 Ion Ratio Lower Upper  
 49 100  
 129 2.6 0.0 4.8  
 130 88.9 72.5 108.7



Abundance Ion 48.90 (48.60 to 49.60): VY0  
 Ion 128.80 (128.50 to 129.50): V  
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 111.735 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

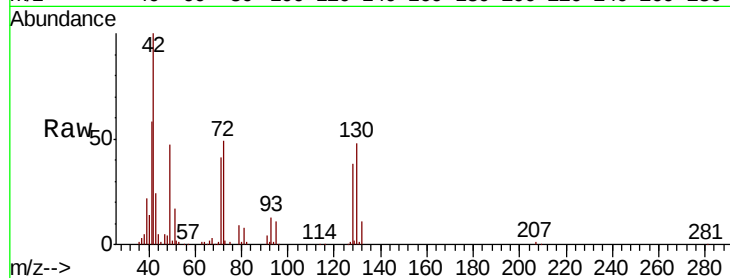
Tot Ion: 42 Resp: 79966

Ion Ratio Lower Upper

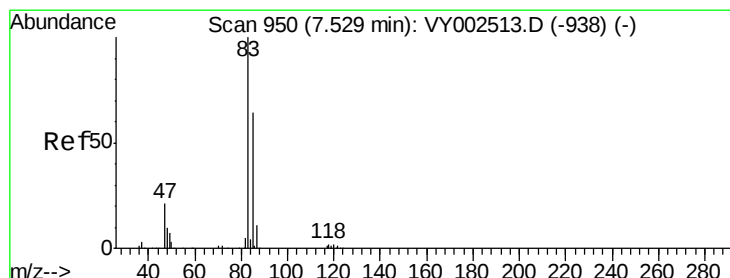
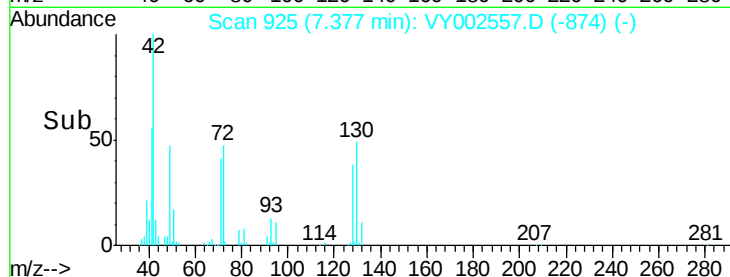
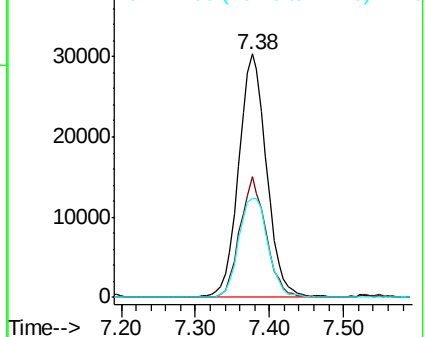
42 100

72 46.3 37.4 56.2

71 42.7 35.0 52.4



Abundance Ion 42.00 (41.70 to 42.70): VY0  
Ion 72.00 (71.70 to 72.70): VY0  
Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 21.735 ug/l

RT: 7.54 min Scan# 951

Delta R.T. 0.01 min

Lab File: VY002557.D

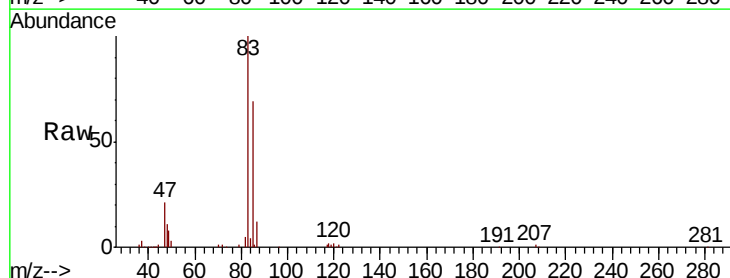
Acq: 04 May 2020 22:38

Tgt Ion: 83 Resp: 129211

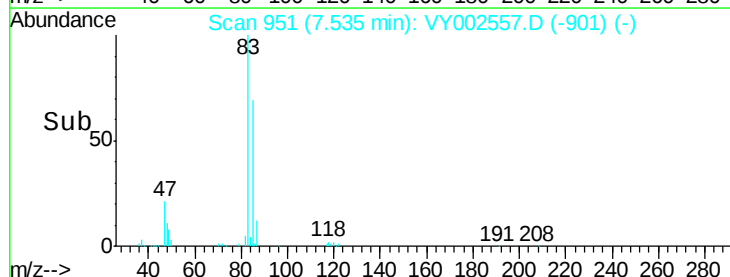
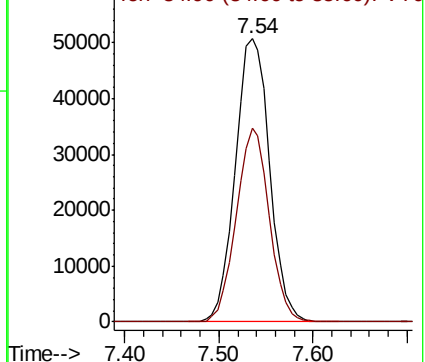
Ion Ratio Lower Upper

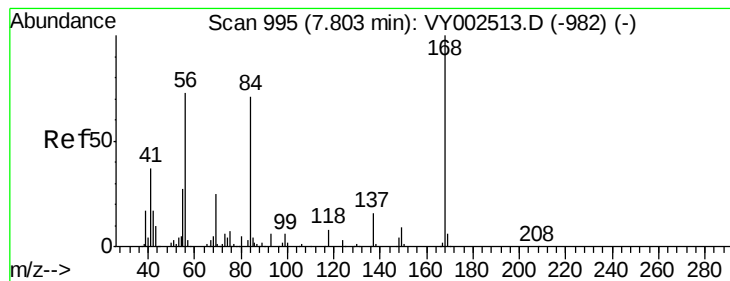
83 100

85 68.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0  
Ion 84.90 (84.60 to 85.60): VY0





#31

Cvclohexane

Concen: 19.259 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :

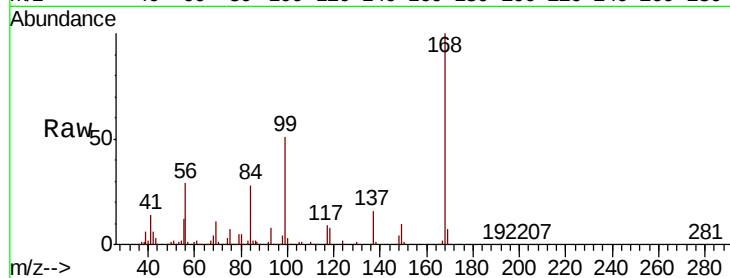
Tot Ion: 56 Resp: 110839

Ion Ratio Lower Upper

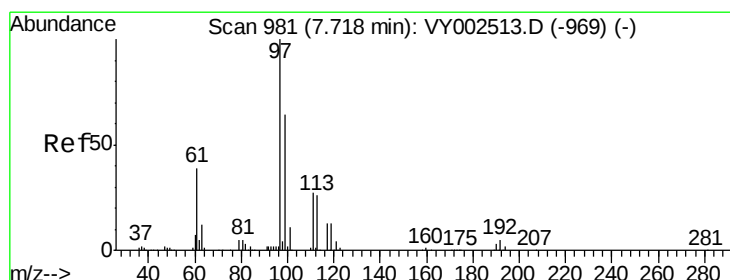
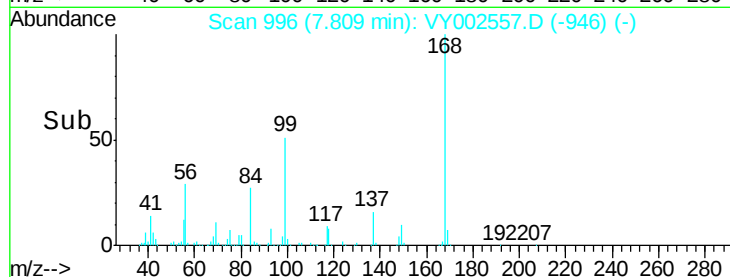
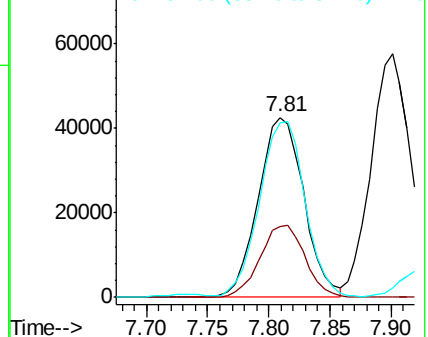
56 100

69 39.5 27.6 41.4

84 95.0 77.7 116.5



Abundance Ion 56.00 (55.70 to 56.70): VY0  
Ion 69.00 (68.70 to 69.70): VY0  
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.436 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

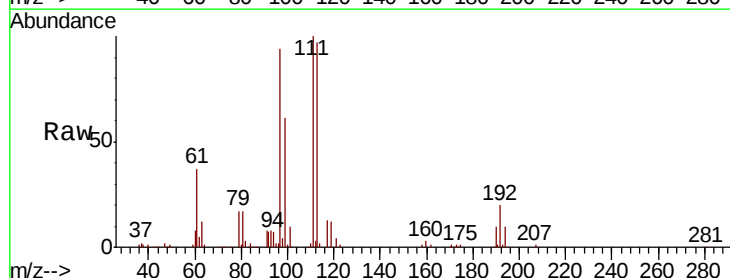
Tgt Ion: 97 Resp: 112924

Ion Ratio Lower Upper

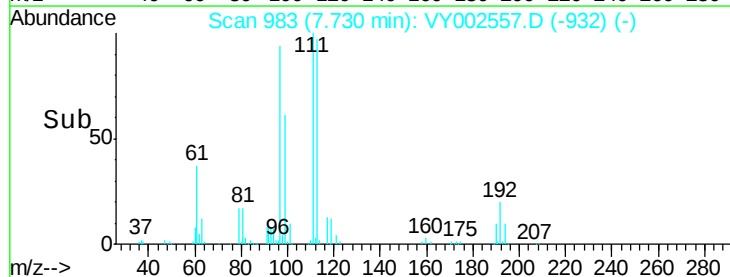
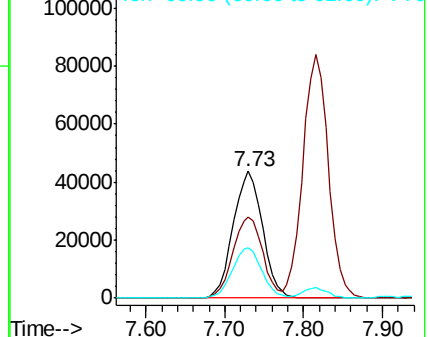
97 100

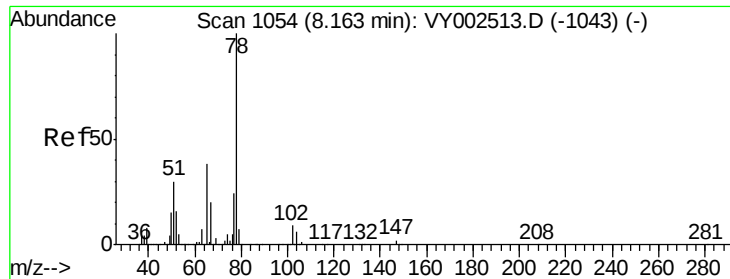
99 65.1 51.9 77.9

61 40.2 31.0 46.6



Abundance Ion 96.90 (96.60 to 97.60): VY0  
Ion 98.90 (98.60 to 99.60): VY0  
Ion 60.90 (60.60 to 61.60): VY0

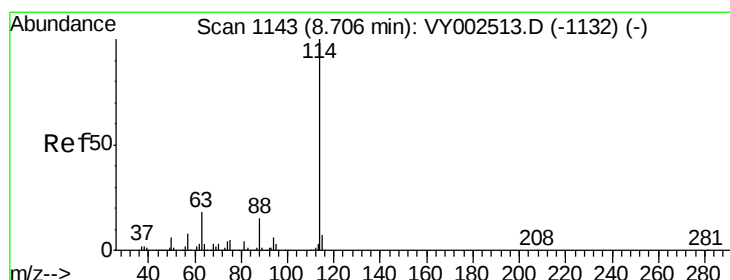
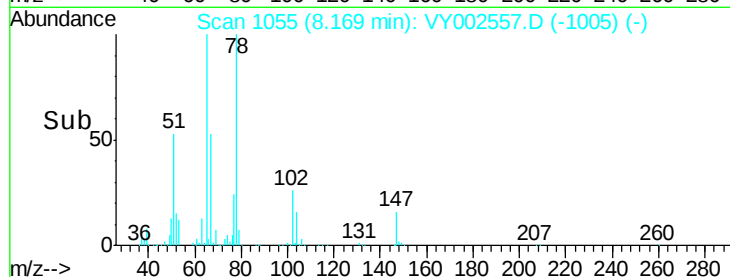
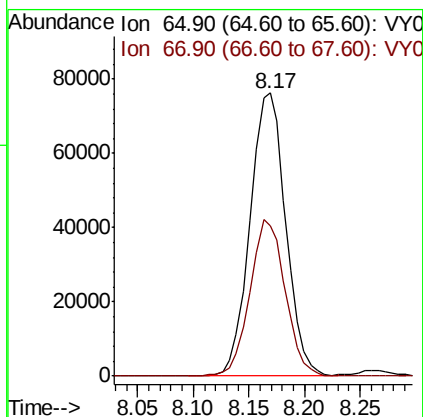
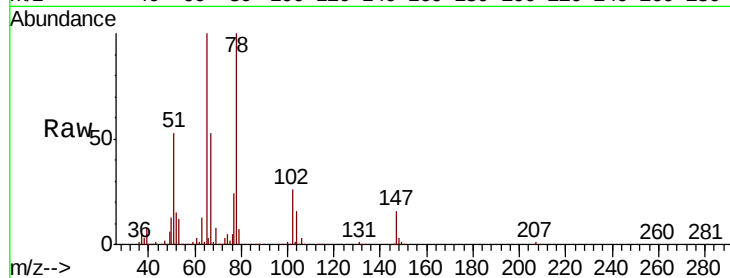




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.238 ug/l  
 RT: 8.17 min Scan# 1055  
 Delta R.T. 0.01 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

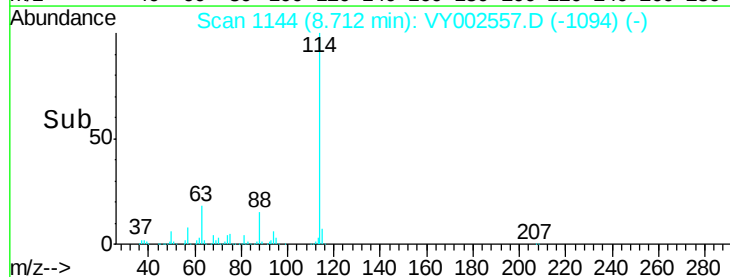
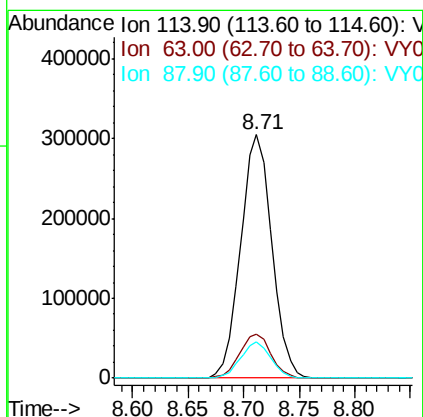
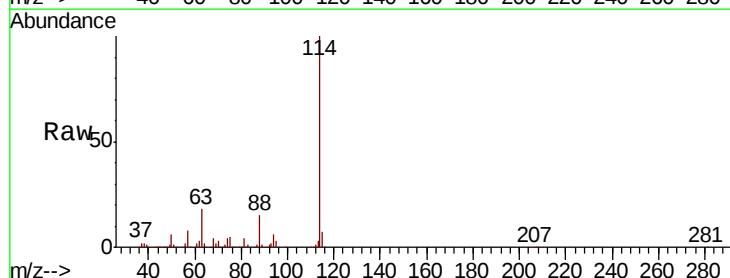
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tot Ion: 65 Resp: 170464  
 Ion Ratio Lower Upper  
 65 100  
 67 54.7 0.0 107.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.71 min Scan# 1144  
 Delta R.T. 0.01 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

Tgt Ion: 114 Resp: 594215  
 Ion Ratio Lower Upper  
 114 100  
 63 17.8 0.0 36.4  
 88 14.8 0.0 29.6

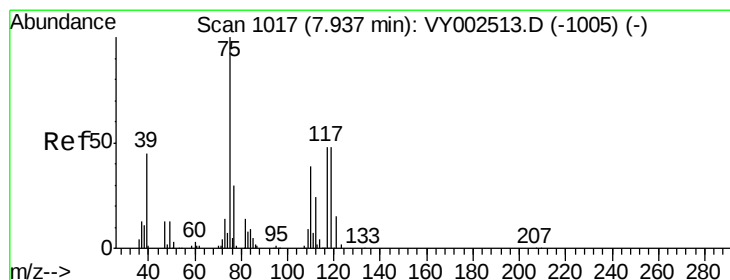
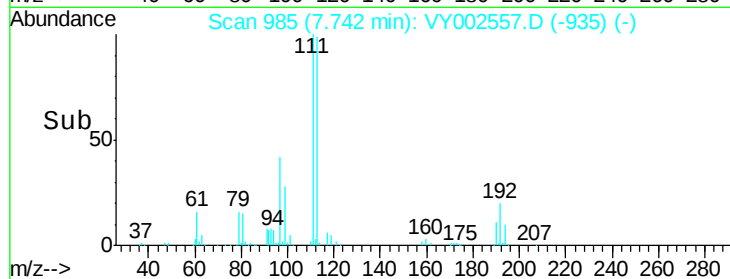
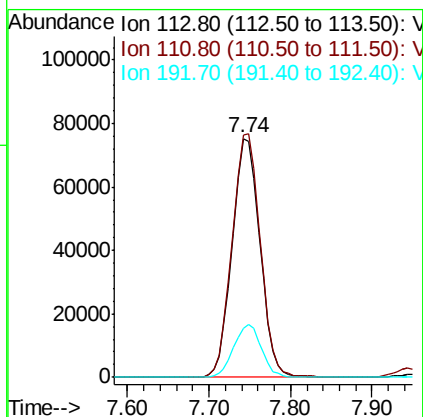
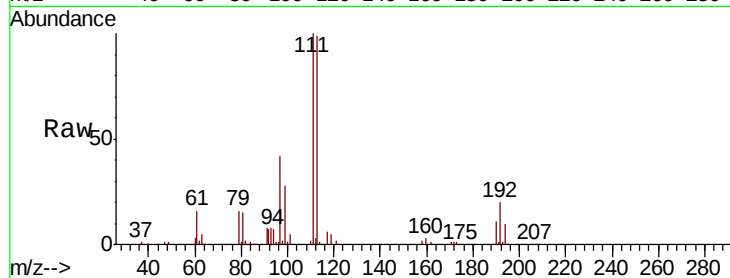




#35  
 Dibromofluoromethane  
 Concen: 52.081 ug/l  
 RT: 7.74 min Scan# 985  
 Delta R.T. 0.01 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

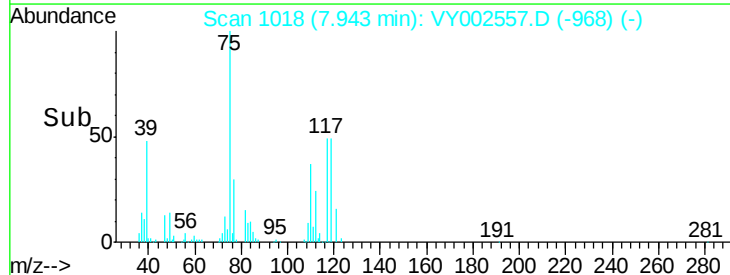
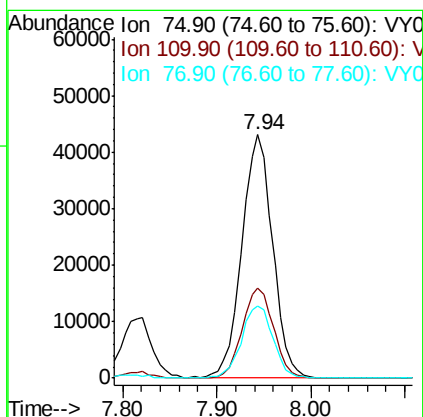
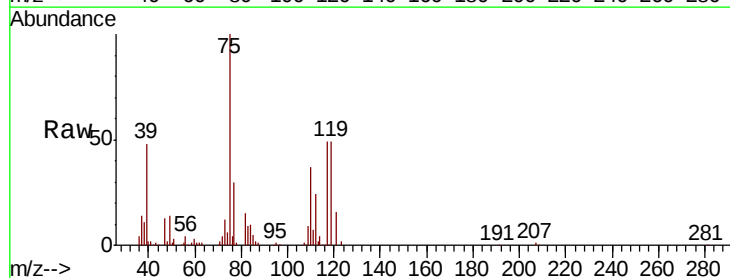
Instrument :  
 MSVOA\_Y  
 ClientSampled :

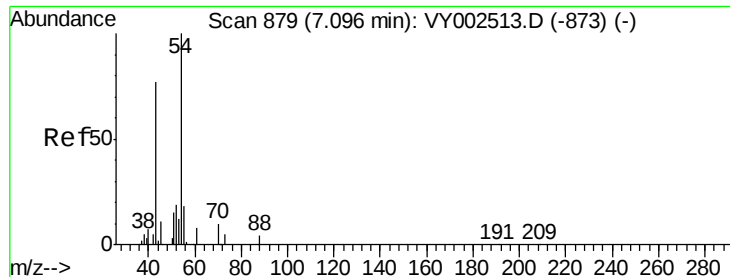
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.3 | 81.8  | 122.6 |
| 192     | 22.1  | 18.2  | 27.4  |



#36  
 1,1-Dichloropropene  
 Concen: 19.699 ug/l  
 RT: 7.94 min Scan# 1018  
 Delta R.T. 0.01 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.5  | 19.1  | 57.3  |
| 77      | 30.4  | 24.6  | 37.0  |

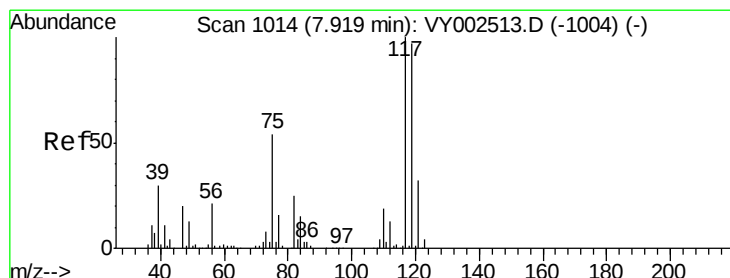
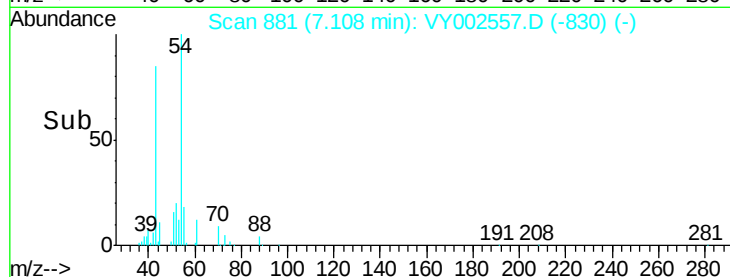
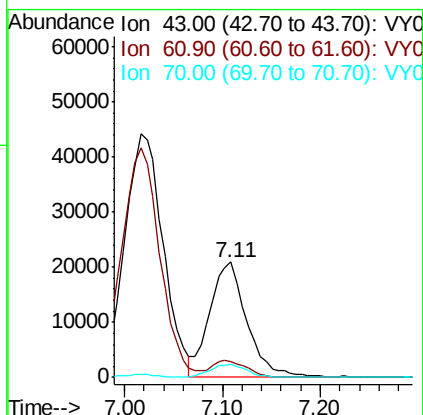
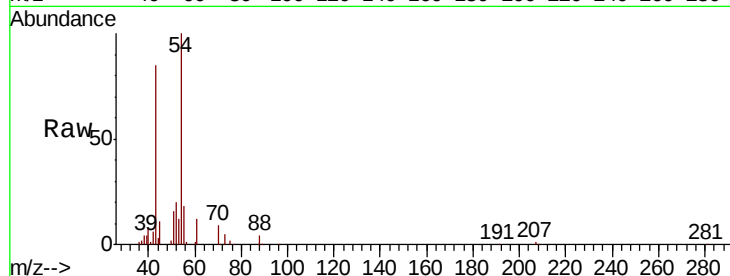




#37  
Ethyl Acetate  
Concen: 21.369 ug/l  
RT: 7.11 min Scan# 881  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

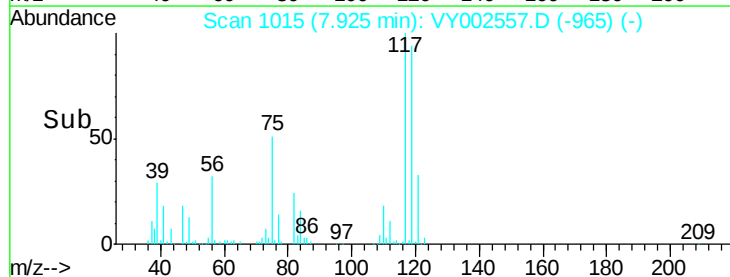
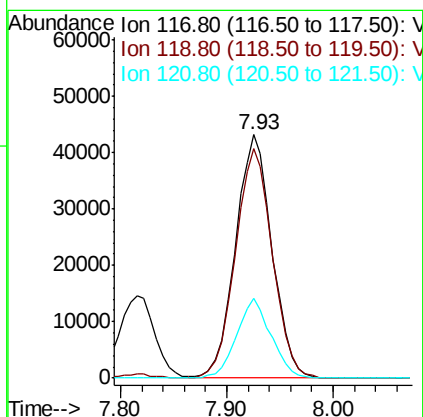
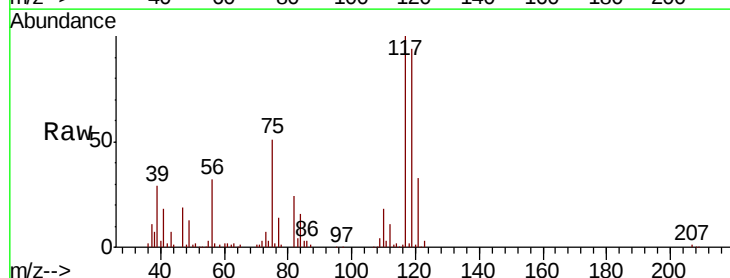
Instrument :  
MSVOA\_Y  
ClientSampled :

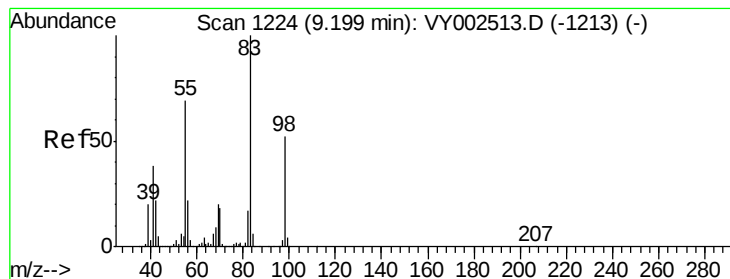
Tot Ion: 43 Resp: 54701  
Ion Ratio Lower Upper  
43 100  
61 13.8 11.6 17.4  
70 10.8 9.0 13.6



#38  
Carbon Tetrachloride  
Concen: 19.032 ug/l  
RT: 7.93 min Scan# 1015  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Tgt Ion: 117 Resp: 103503  
Ion Ratio Lower Upper  
117 100  
119 94.2 77.1 115.7  
121 32.6 25.2 37.8





#39

Methvlcvclohexane

Concen: 18.538 ug/l

RT: 9.20 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

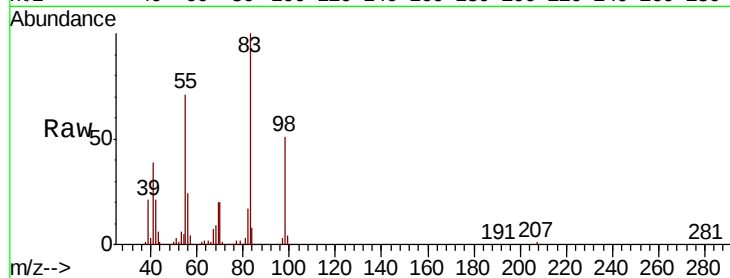
Tot Ion: 83 Resp: 121969

Ion Ratio Lower Upper

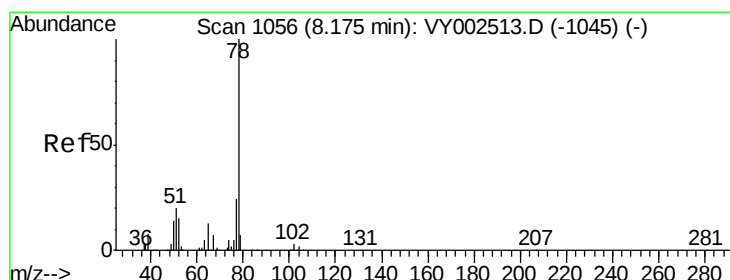
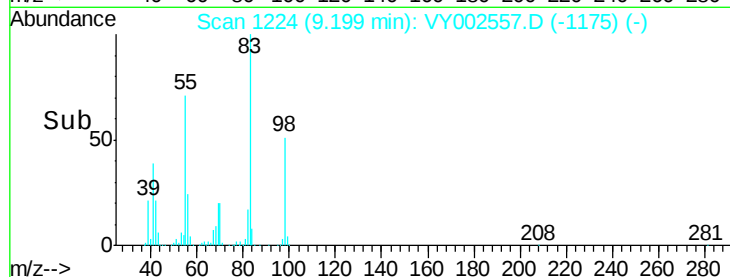
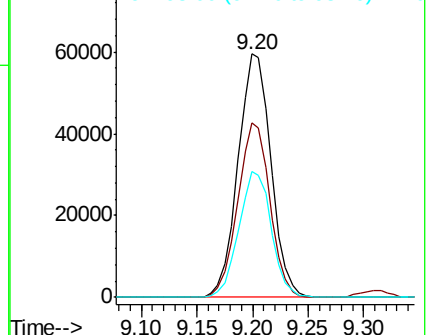
83 100

55 71.5 55.4 83.0

98 51.5 41.3 61.9



Abundance Ion 83.00 (82.70 to 83.70): VY0  
Ion 55.00 (54.70 to 55.70): VY0  
Ion 98.00 (97.70 to 98.70): VY0



#40

Benzene

Concen: 20.394 ug/l

RT: 8.19 min Scan# 1058

Delta R.T. 0.01 min

Lab File: VY002557.D

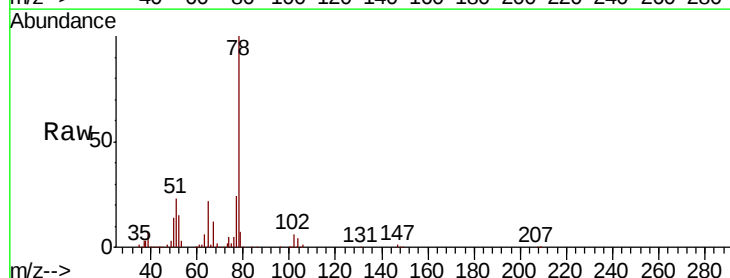
Acq: 04 May 2020 22:38

Tgt Ion: 78 Resp: 293415

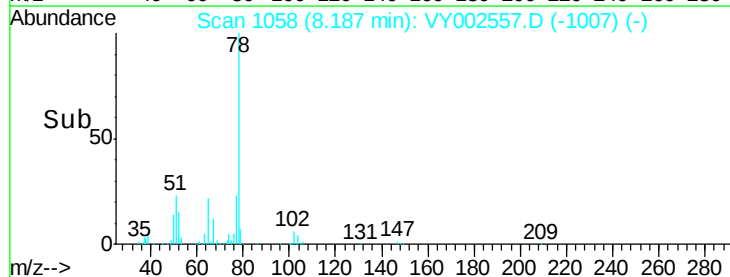
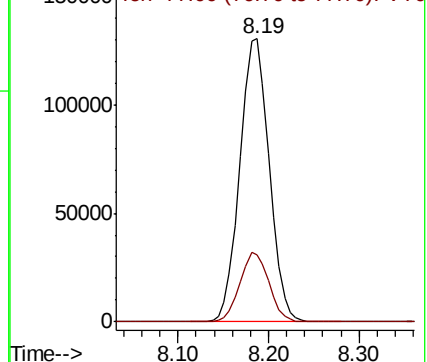
Ion Ratio Lower Upper

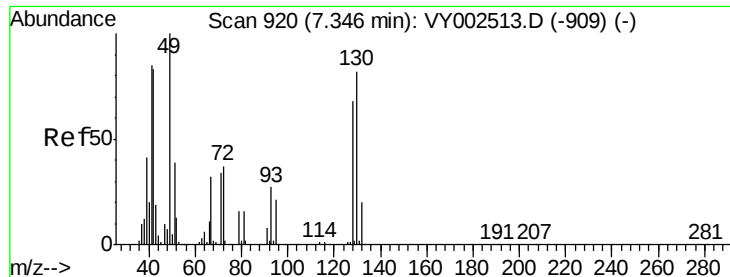
78 100

77 23.6 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VY0  
Ion 77.00 (76.70 to 77.70): VY0

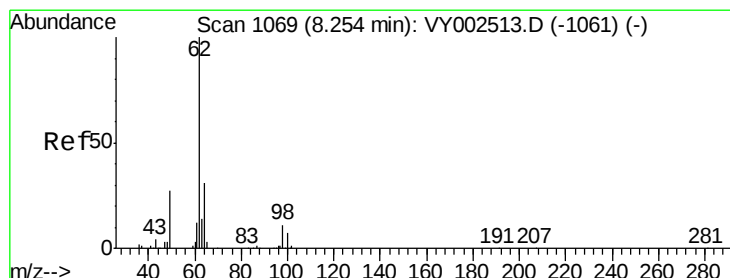
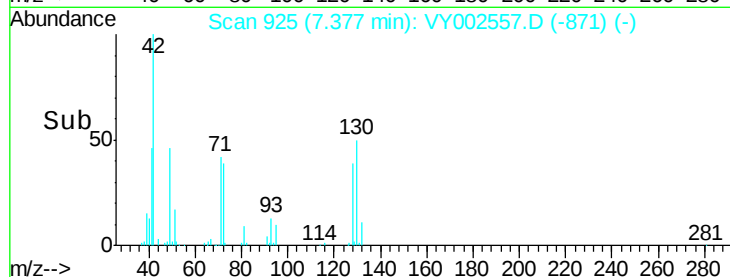
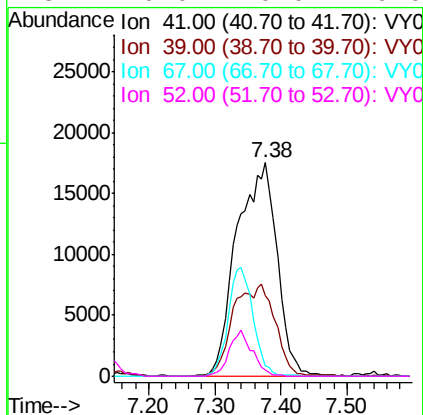
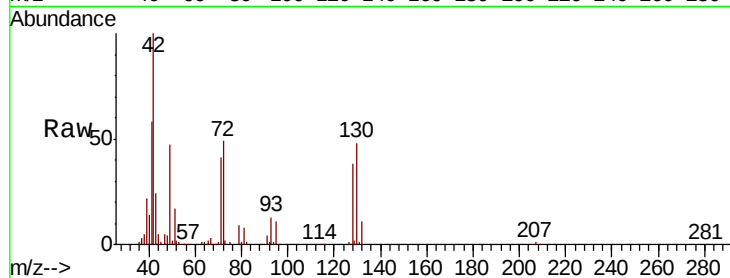




#41  
Methacrylonitrile  
Concen: 53.788 ug/l  
RT: 7.38 min Scan# 925  
Delta R.T. 0.03 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

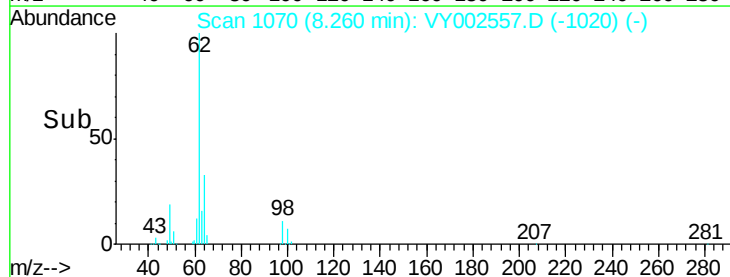
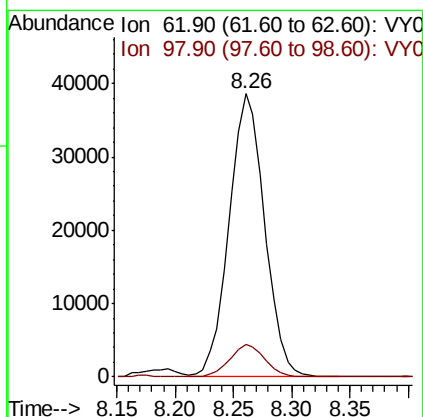
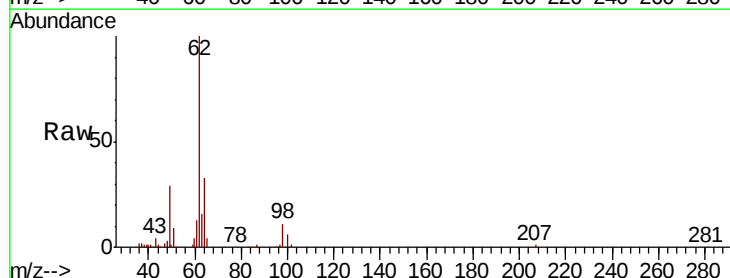
Instrument :  
MSVOA\_Y  
ClientSampleId :

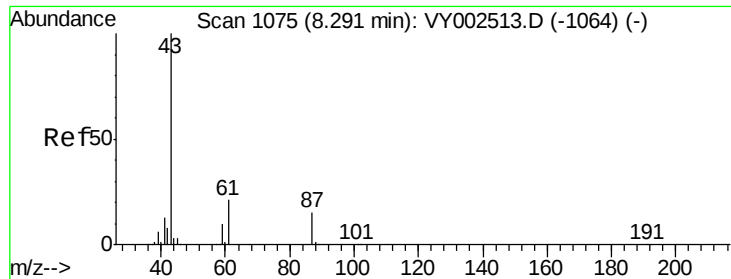
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 74030  |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 0.0   | 83.1  | 124.7# |
| 67       | 0.0   | 0.0   | 0.0    |
| 52       | 0.0   | 0.0   | 0.0    |



#42  
1,2-Dichloroethane  
Concen: 20.312 ug/l  
RT: 8.26 min Scan# 1070  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 81973 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 11.3  | 0.0   | 21.0  |





#43

Isopropyl Acetate

Concen: 21.534 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

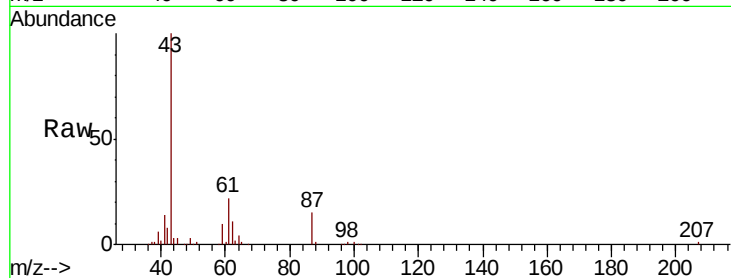
Tot Ion: 43 Resp: 103339

Ion Ratio Lower Upper

43 100

61 30.1 24.8 37.2

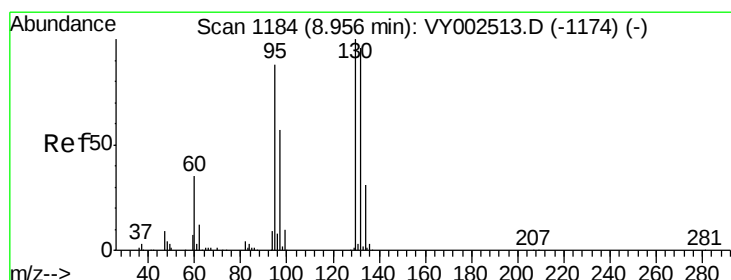
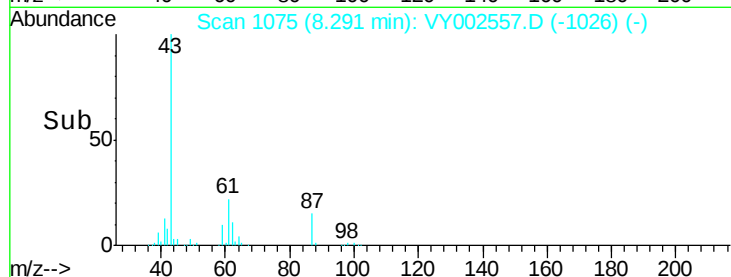
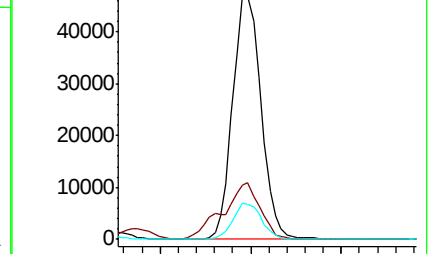
87 14.7 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY002513.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY002513.D (-1064) (-)



#44

Trichloroethene

Concen: 20.621 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.01 min

Lab File: VY002557.D

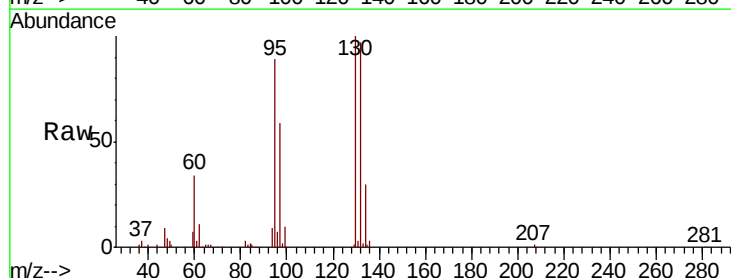
Acq: 04 May 2020 22:38

Tgt Ion:130 Resp: 92717

Ion Ratio Lower Upper

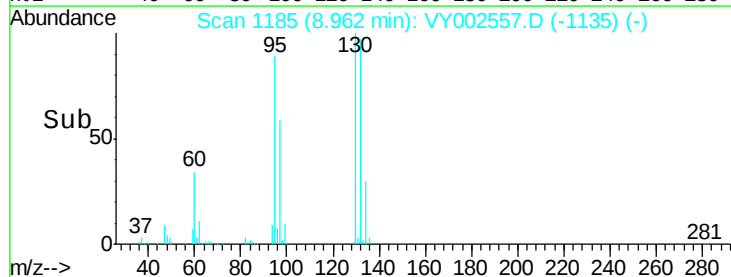
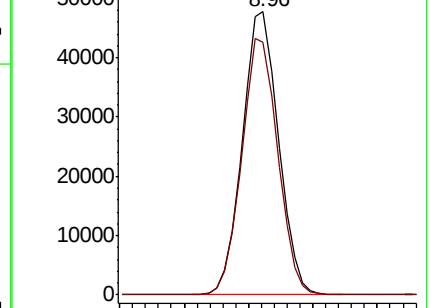
130 100

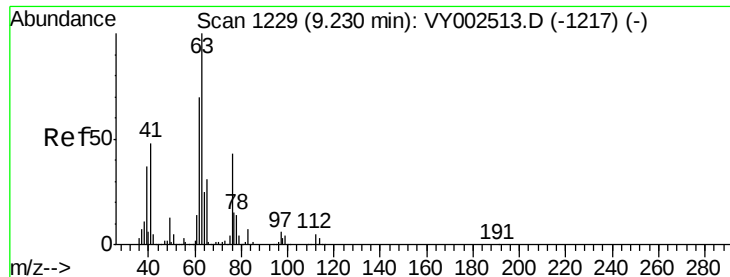
95 89.1 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002513.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY002513.D (-1174) (-)





#45

1,2-Dichloropropane

Concen: 21.227 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

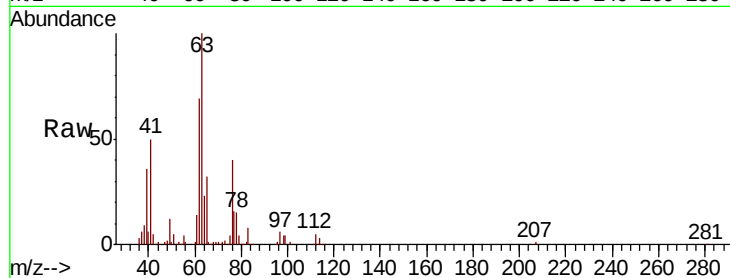
ClientSampleId :

Tot Ion: 63 Resp: 73705

Ion Ratio Lower Upper

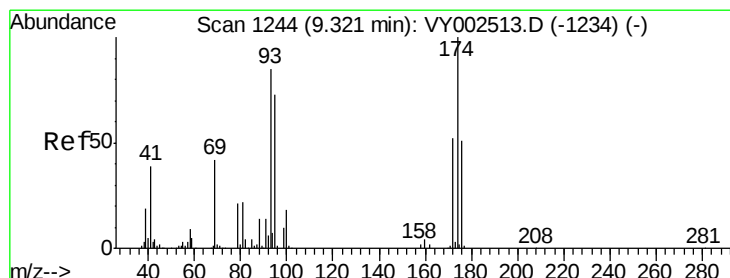
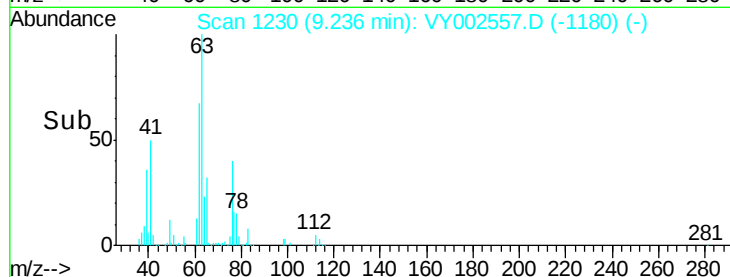
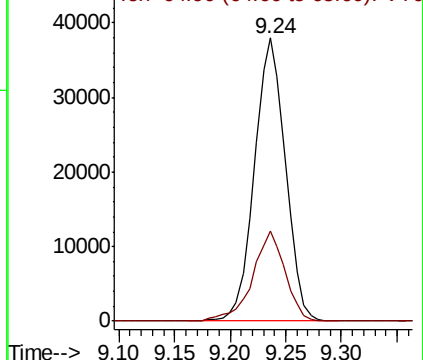
63 100

65 31.8 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 20.838 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

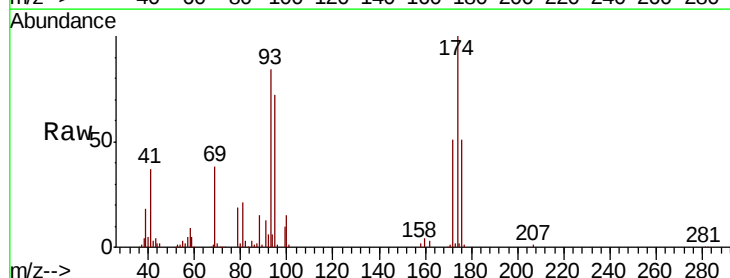
Tgt Ion: 93 Resp: 41631

Ion Ratio Lower Upper

93 100

95 82.9 67.0 100.4

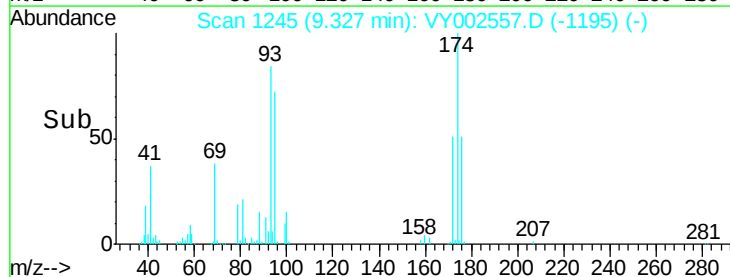
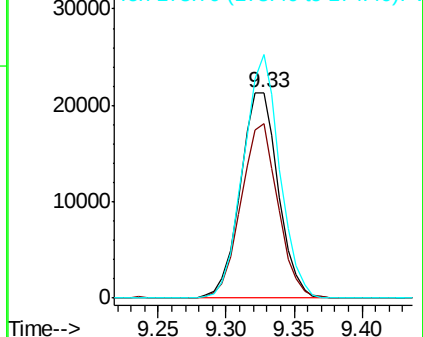
174 113.7 92.7 139.1

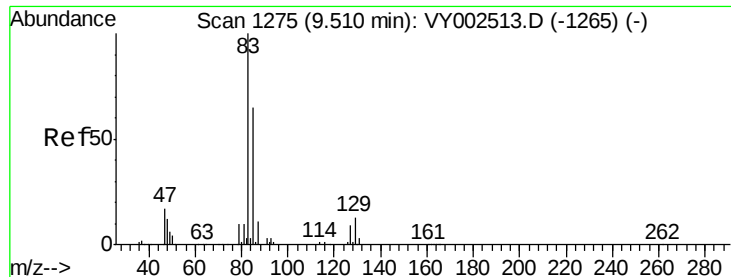


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 20.778 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampled :

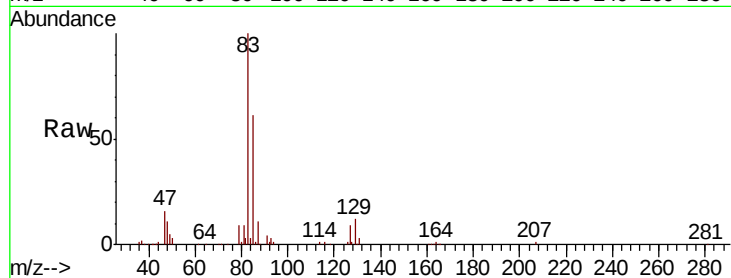
Tot Ion: 83 Resp: 100934

Ion Ratio Lower Upper

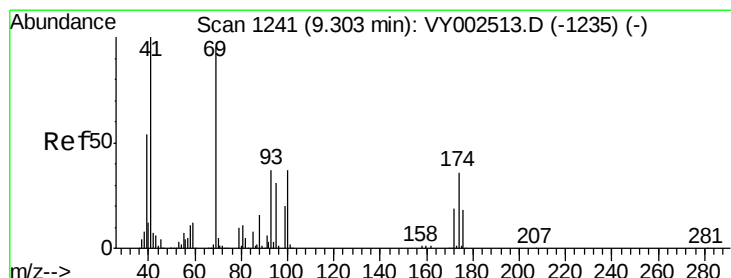
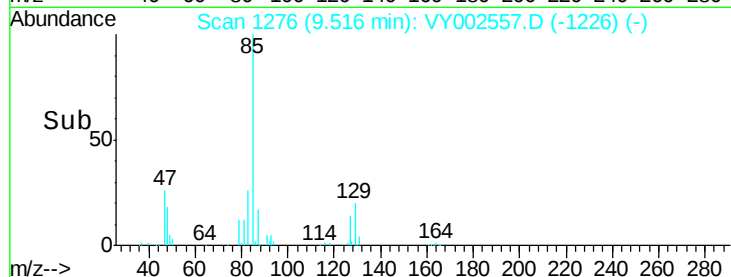
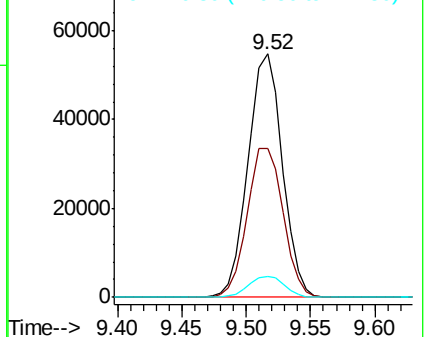
83 100

85 61.2 51.8 77.8

127 8.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VY0  
Ion 84.90 (84.60 to 85.60): VY0  
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 20.943 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

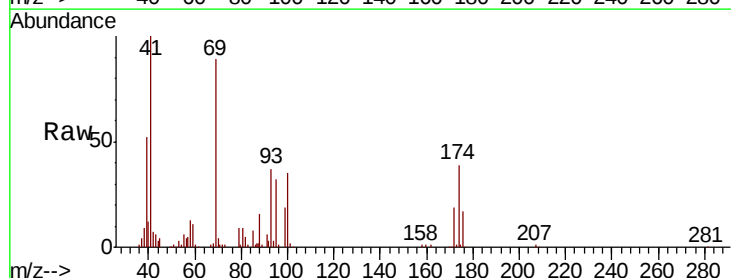
Tgt Ion: 41 Resp: 45484

Ion Ratio Lower Upper

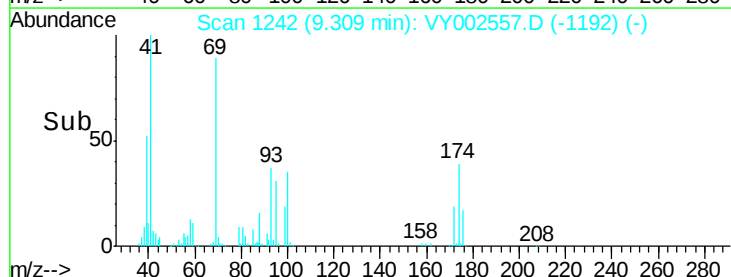
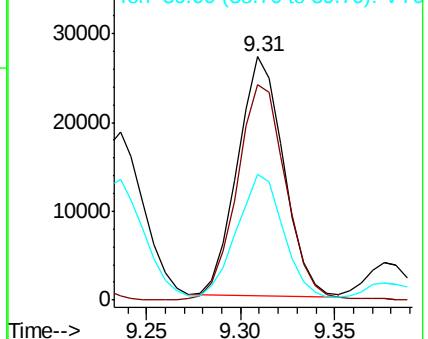
41 100

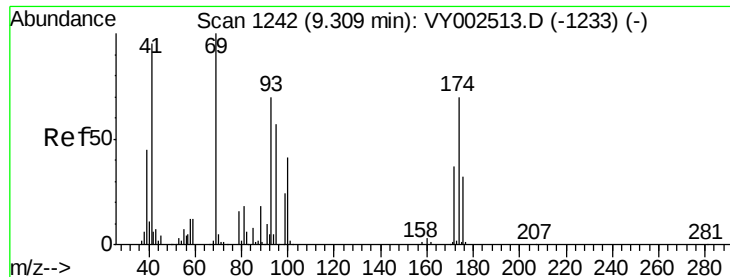
69 96.2 76.2 114.4

39 51.7 42.7 64.1



Abundance Ion 41.00 (40.70 to 41.70): VY0  
Ion 69.00 (68.70 to 69.70): VY0  
Ion 39.00 (38.70 to 39.70): VY0

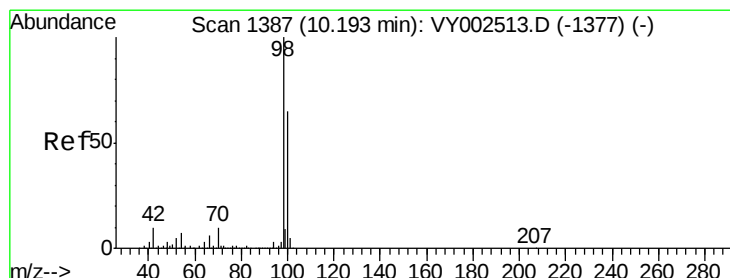
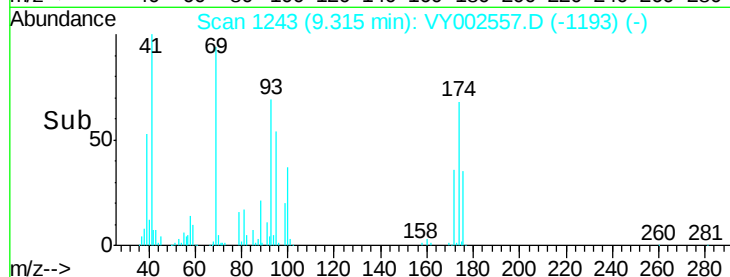
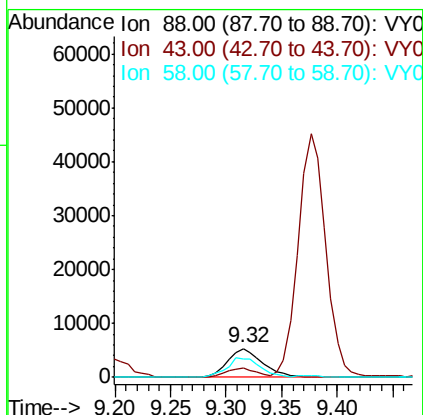
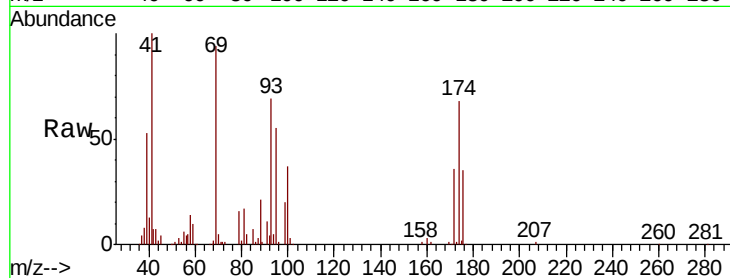




#49  
1,4-Dioxane  
Concen: 440.727 ug/l  
RT: 9.32 min Scan# 1243  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

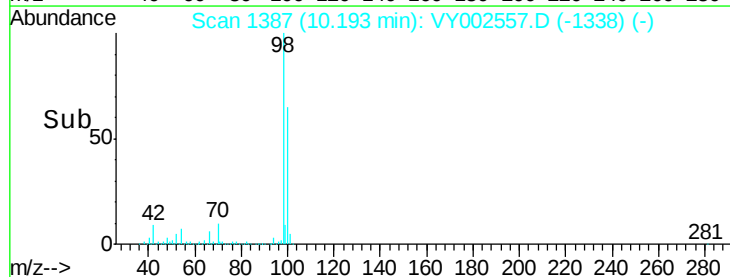
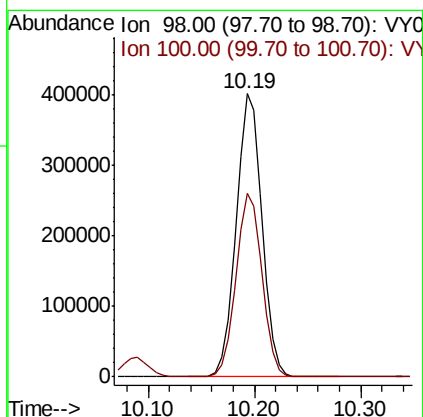
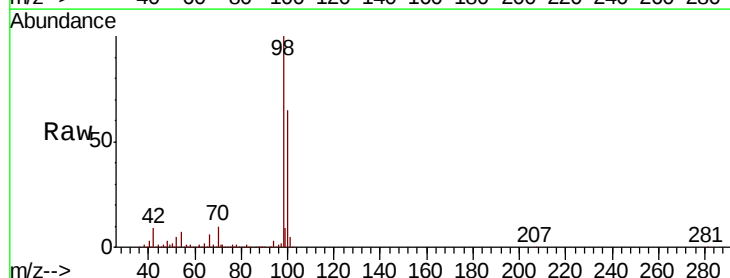
Instrument :  
MSVOA\_Y  
ClientSampleId :

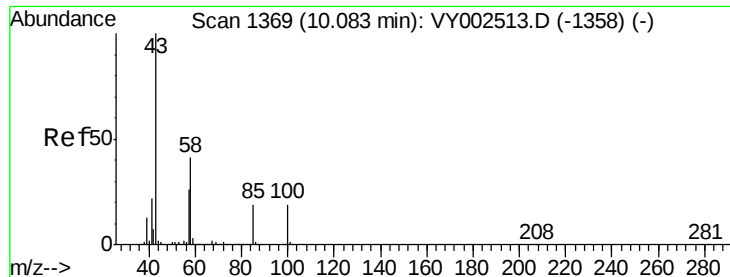
Tot Ion: 88 Resp: 11658  
Ion Ratio Lower Upper  
88 100  
43 28.3 22.8 34.2  
58 65.1 51.4 77.2



#50  
Toluene-d8  
Concen: 51.354 ug/l  
RT: 10.19 min Scan# 1387  
Delta R.T. -0.00 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Tgt Ion: 98 Resp: 681515  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.2 78.2

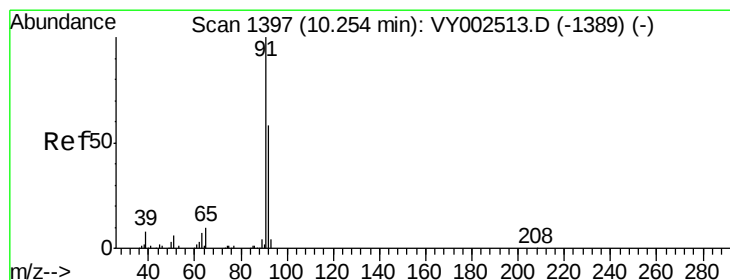
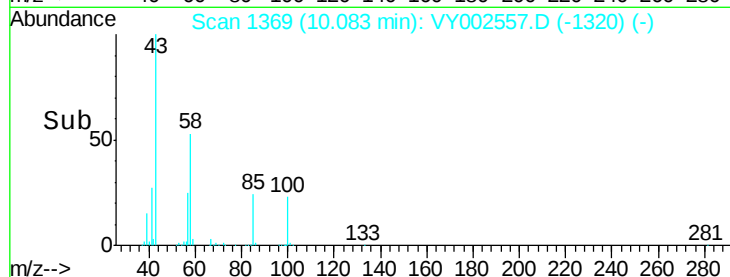
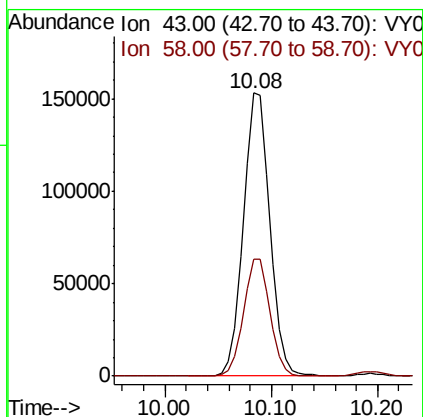
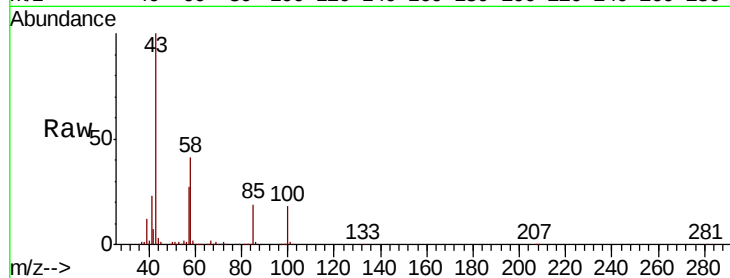




#51  
 4-Methyl-2-Pentanone  
 Concen: 108.335 ug/l  
 RT: 10.08 min Scan# 1369  
 Delta R.T. -0.00 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

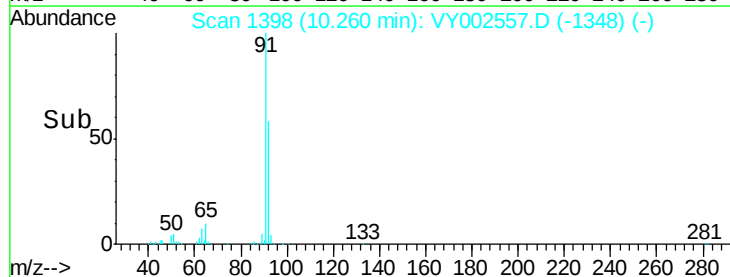
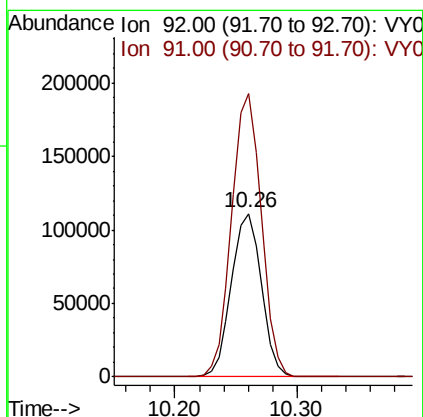
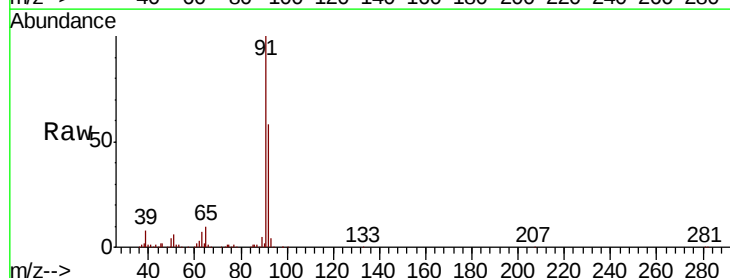
Instrument :  
 MSVOA\_Y  
 ClientSampled :

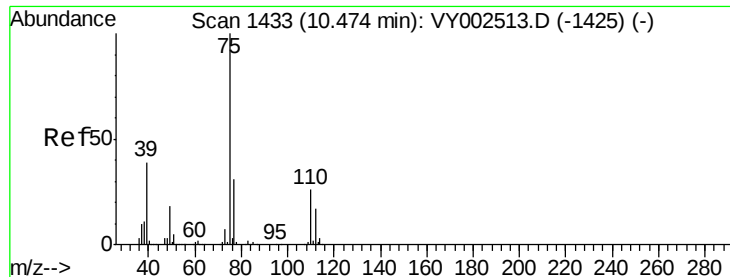
Tot Ion: 43 Resp: 267970  
 Ion Ratio Lower Upper  
 43 100  
 58 41.4 33.2 49.8



#52  
 Toluene  
 Concen: 20.398 ug/l  
 RT: 10.26 min Scan# 1398  
 Delta R.T. 0.01 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

Tgt Ion: 92 Resp: 188607  
 Ion Ratio Lower Upper  
 92 100  
 91 172.1 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 20.339 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

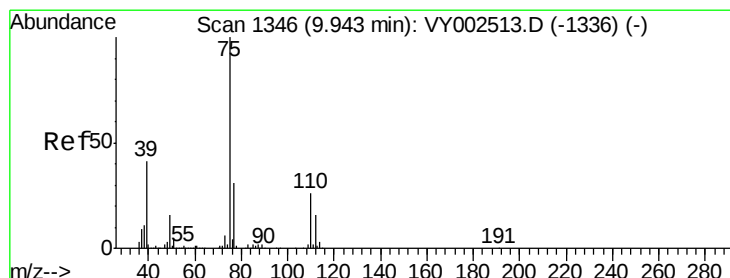
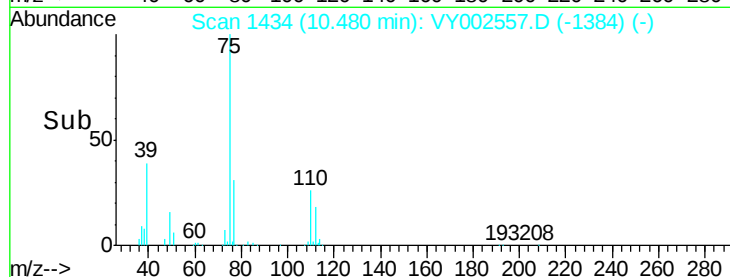
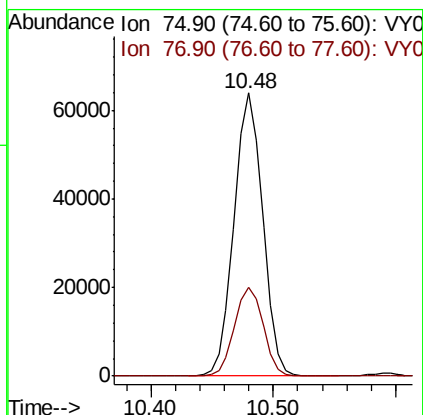
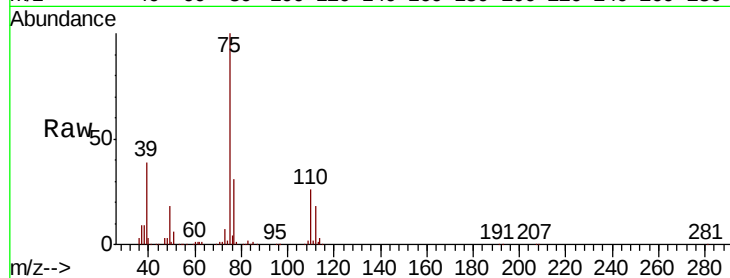
ClientSampleId :

Tot Ion: 75 Resp: 103520

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.284 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

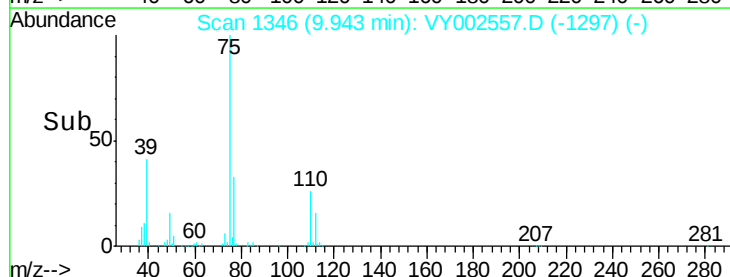
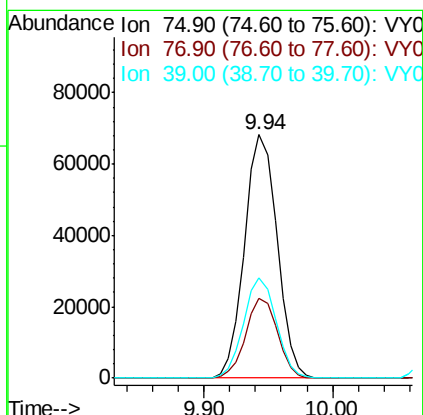
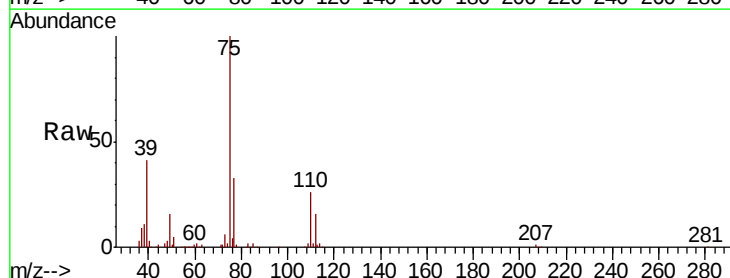
Tgt Ion: 75 Resp: 119348

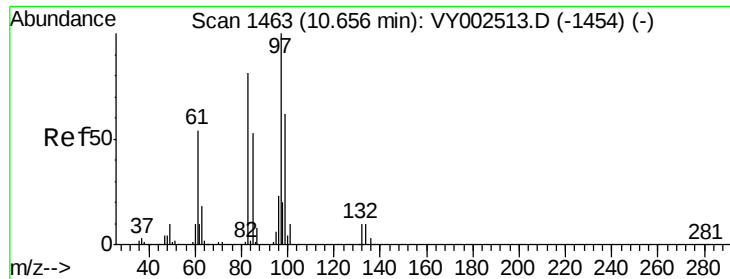
Ion Ratio Lower Upper

75 100

77 32.8 25.1 37.7

39 41.2 32.7 49.1

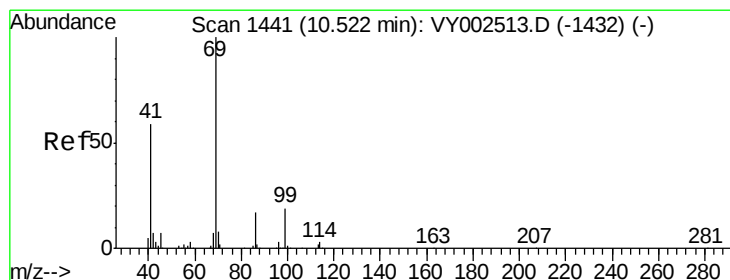
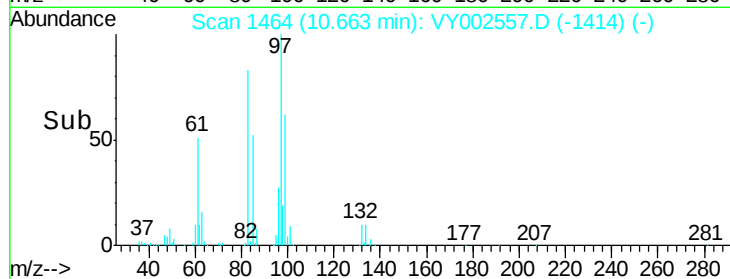
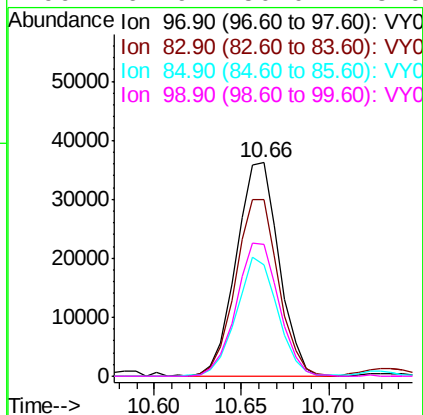
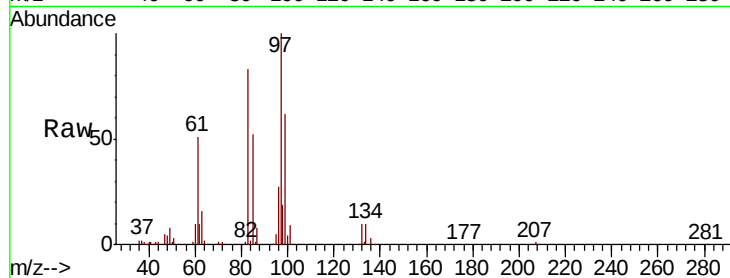




#55  
 1,1,2-Trichloroethane  
 Concen: 21.080 ug/l  
 RT: 10.66 min Scan# 1464  
 Delta R.T. 0.01 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

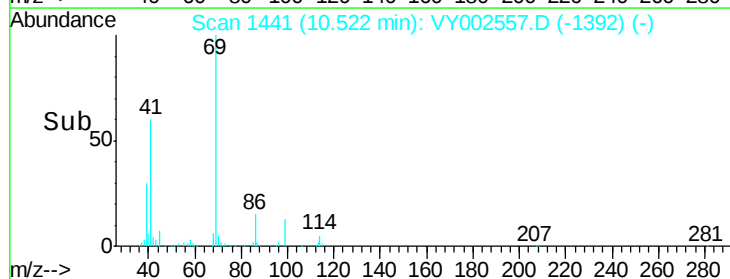
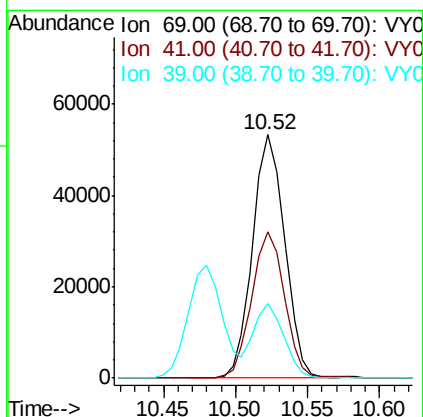
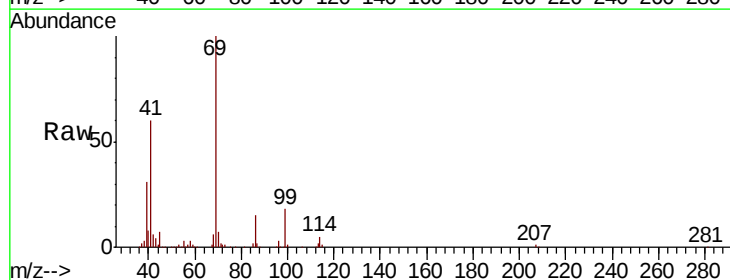
Instrument :  
 MSVOA\_Y  
 ClientSampled :

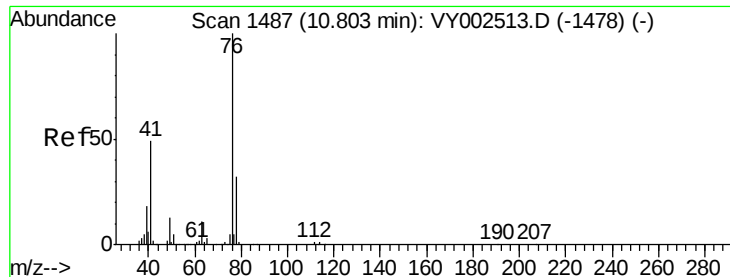
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 61414 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.6  | 65.1  | 97.7  |
| 85       | 52.1  | 42.7  | 64.1  |
| 99       | 61.9  | 50.0  | 75.0  |



#56  
 Ethyl methacrylate  
 Concen: 21.321 ug/l  
 RT: 10.52 min Scan# 1441  
 Delta R.T. -0.00 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 82635 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 60.8  | 48.6  | 73.0  |
| 39       | 28.7  | 25.0  | 37.4  |





#57

1,3-Dichloropropane

Concen: 20.925 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

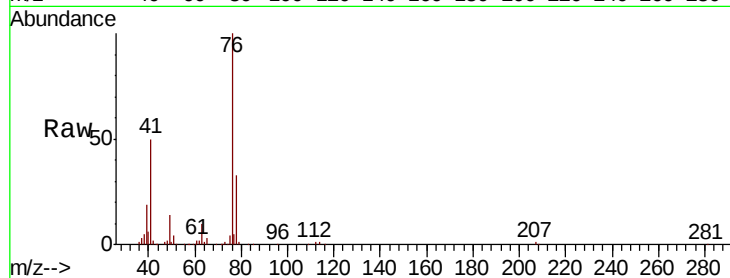
ClientSampleId :

Tot Ion: 76 Resp: 103385

Ion Ratio Lower Upper

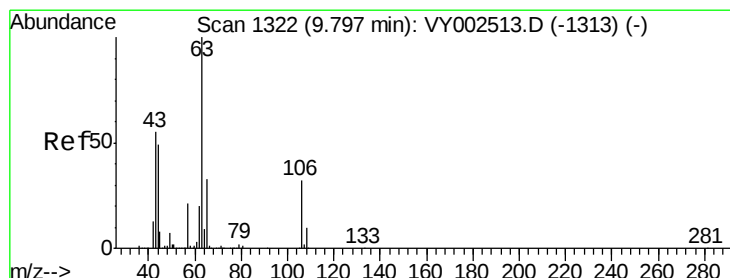
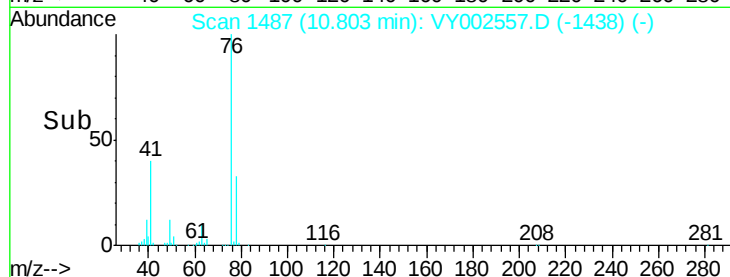
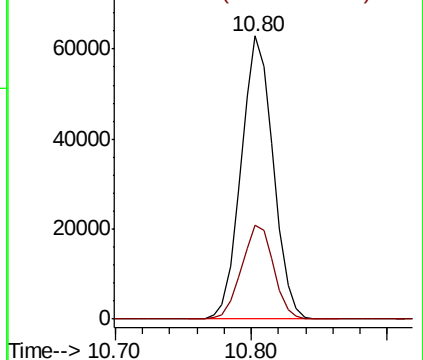
76 100

78 33.2 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 102.538 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY002557.D

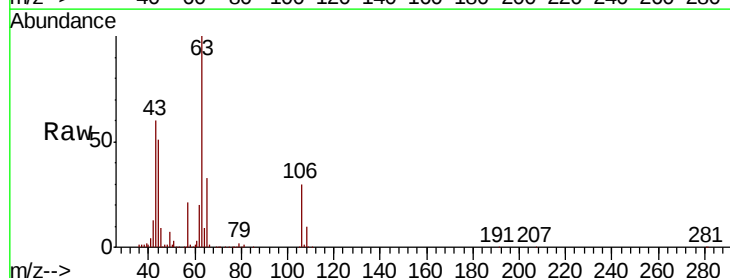
Acq: 04 May 2020 22:38

Tgt Ion: 63 Resp: 209574

Ion Ratio Lower Upper

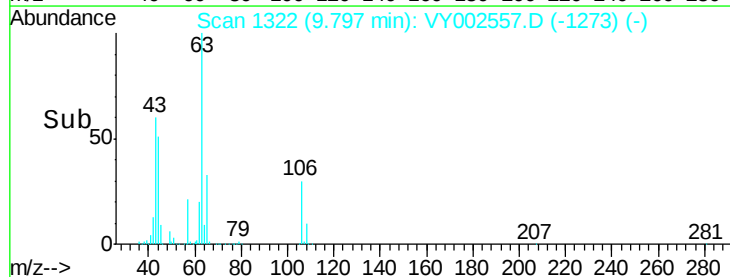
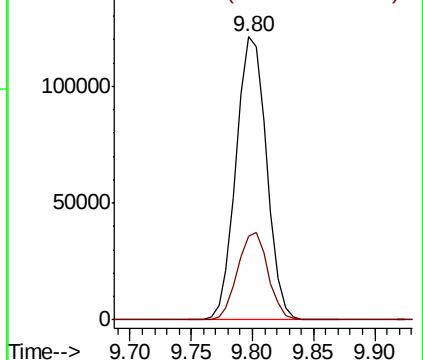
63 100

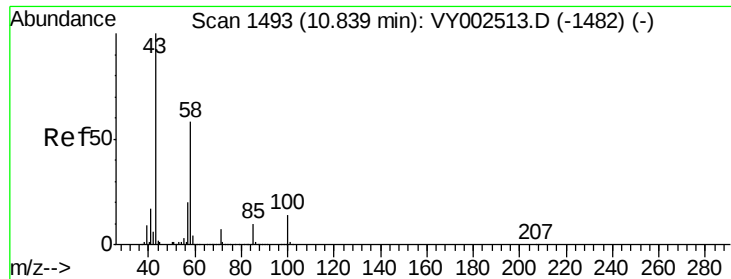
106 30.7 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

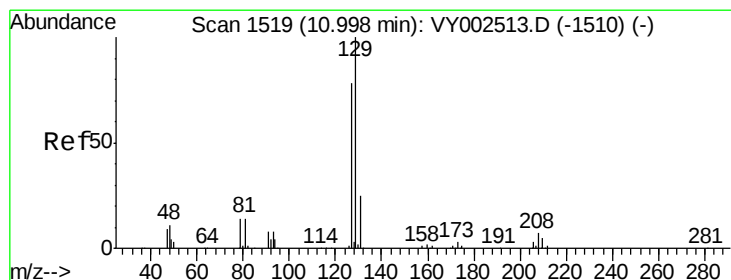
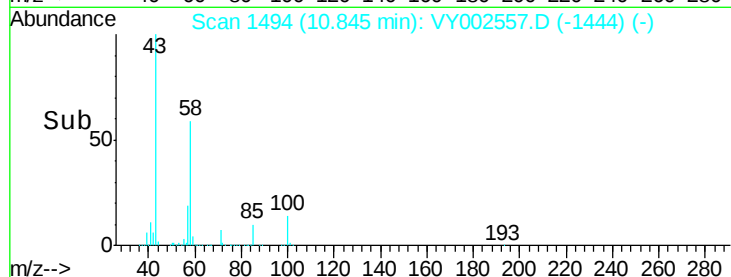
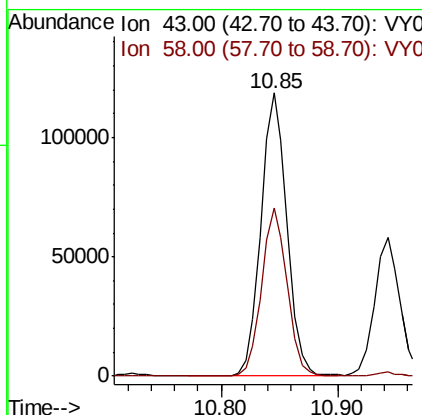
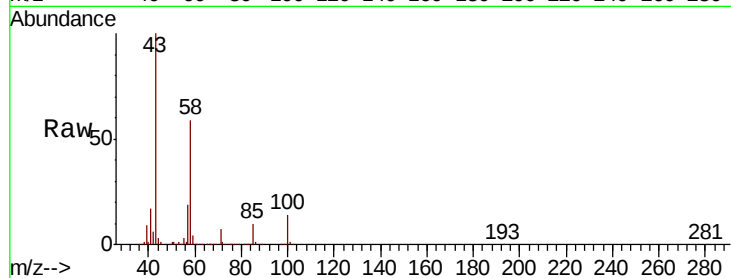




#59  
2-Hexanone  
Concen: 108.271 ug/l  
RT: 10.85 min Scan# 1494  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

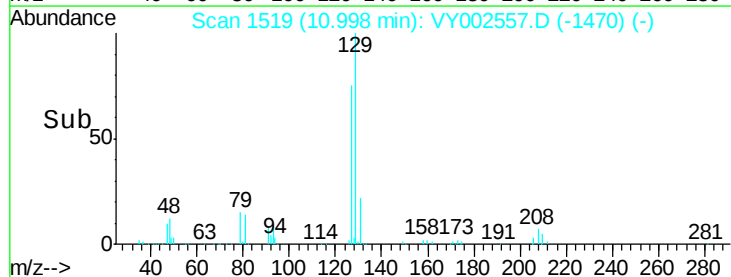
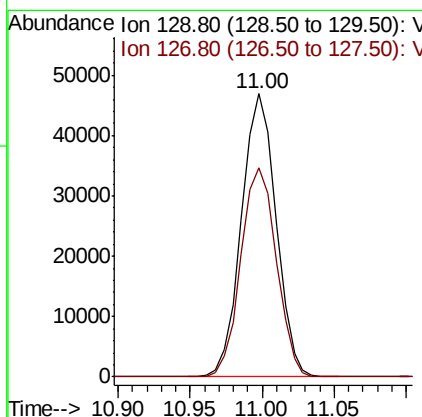
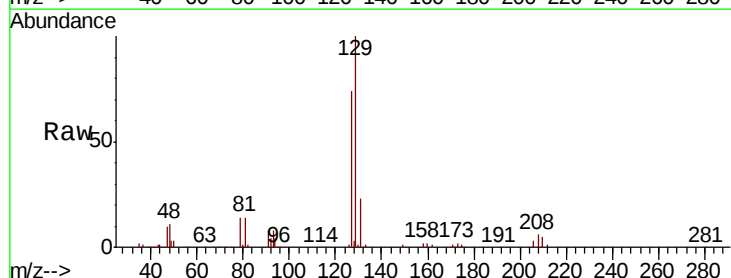
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 43 Resp: 184326  
Ion Ratio Lower Upper  
43 100  
58 58.3 29.1 87.3



#60  
Dibromochloromethane  
Concen: 21.075 ug/l  
RT: 11.00 min Scan# 1519  
Delta R.T. -0.00 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Tgt Ion: 129 Resp: 78092  
Ion Ratio Lower Upper  
129 100  
127 75.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.890 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

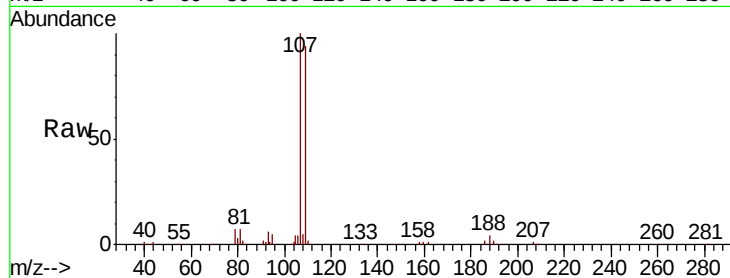
ClientSampleId :

Tot Ion:107 Resp: 60261

Ion Ratio Lower Upper

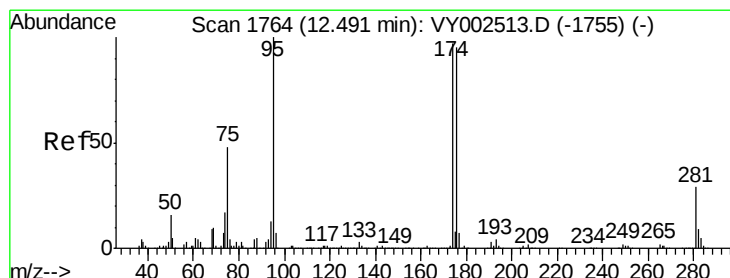
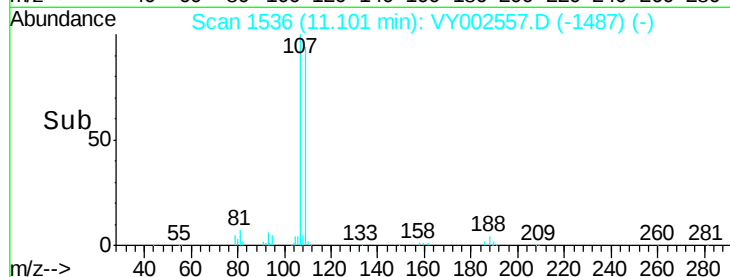
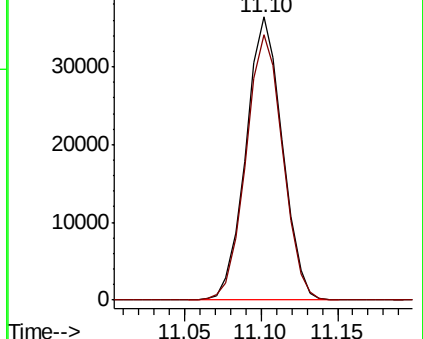
107 100

109 94.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.447 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

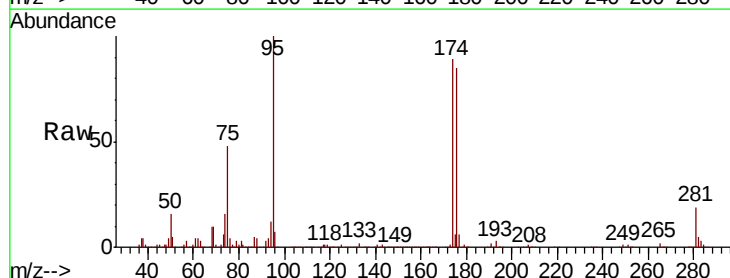
Tgt Ion: 95 Resp: 231675

Ion Ratio Lower Upper

95 100

174 92.4 0.0 188.8

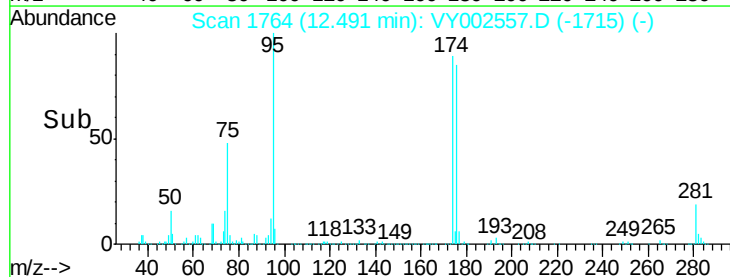
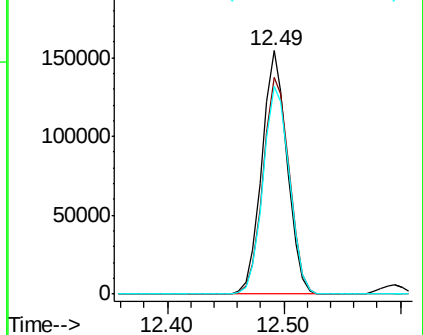
176 88.9 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

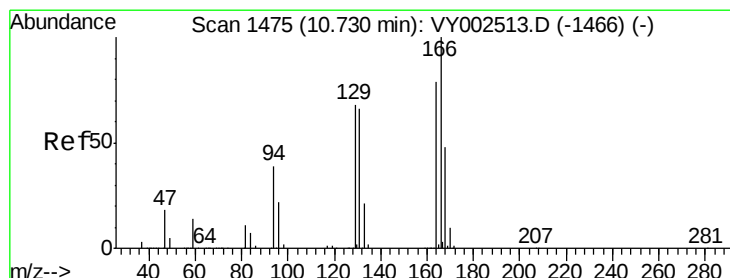
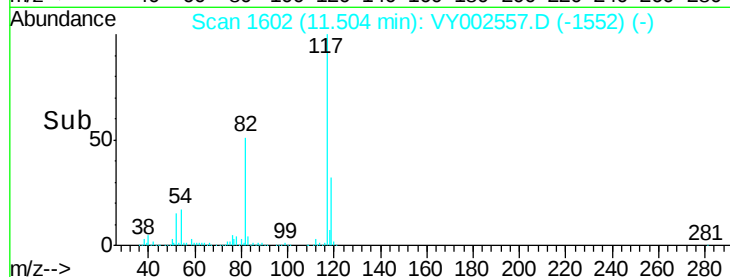
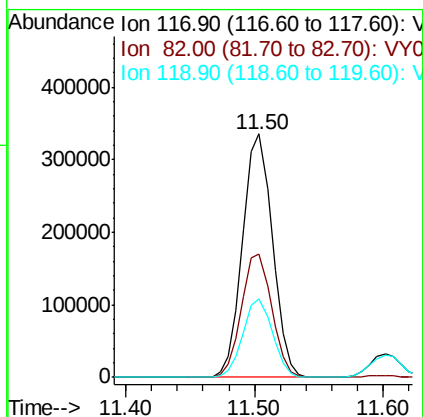
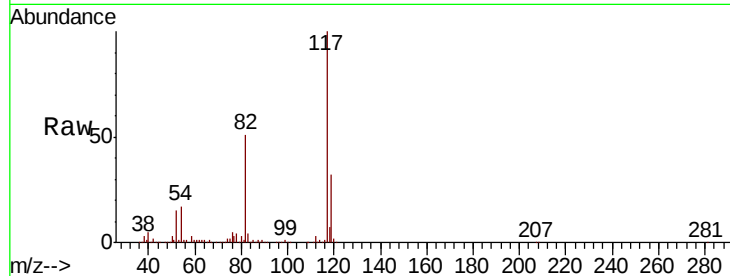




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.50 min Scan# 1602  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

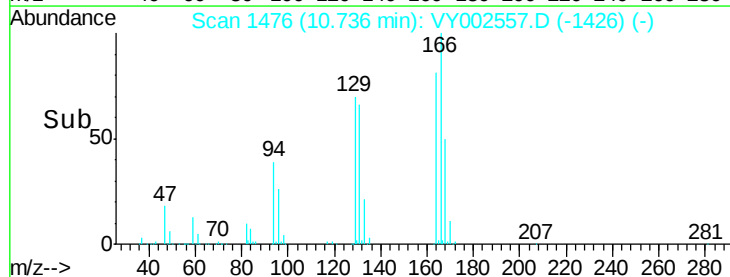
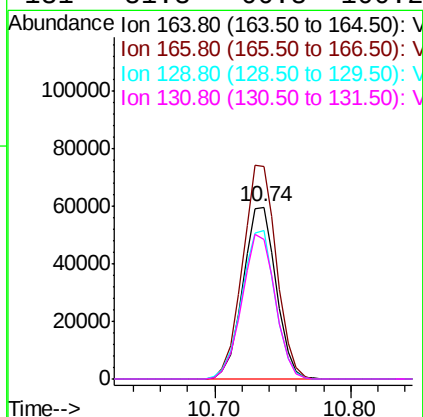
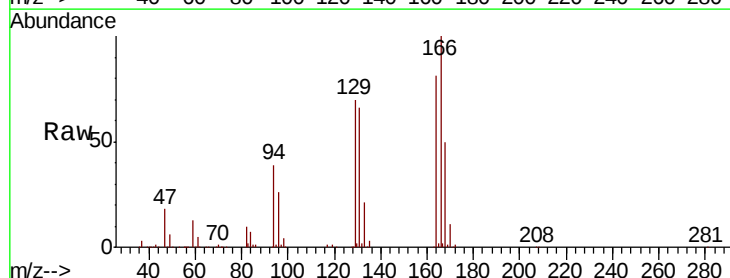
Instrument :  
MSVOA\_Y  
ClientSampled :

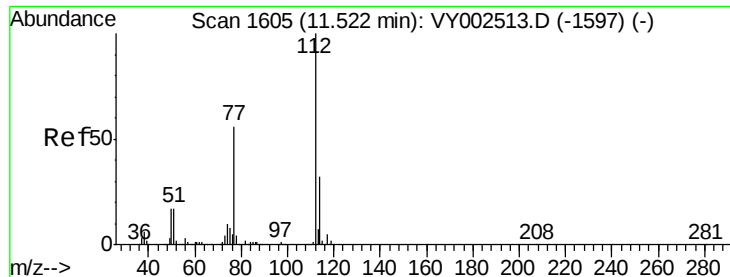
Tot Ion:117 Resp: 538272  
Ion Ratio Lower Upper  
117 100  
82 50.6 41.3 61.9  
119 32.1 26.0 39.0



#64  
Tetrachloroethene  
Concen: 21.183 ug/l  
RT: 10.74 min Scan# 1476  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Tgt Ion:164 Resp: 101308  
Ion Ratio Lower Upper  
164 100  
166 123.1 100.7 151.1  
129 86.2 68.3 102.5  
131 81.3 66.8 100.2





#65

Chlorobenzene

Concen: 20.602 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

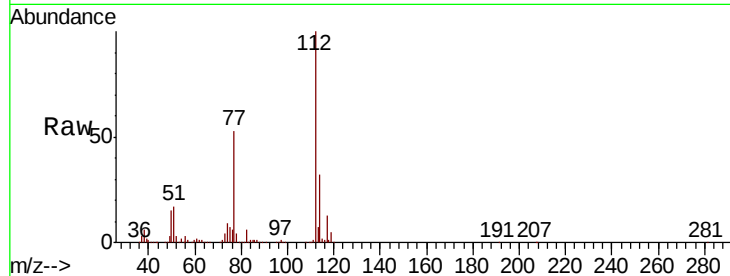
ClientSampled :

Tot Ion:112 Resp: 210812

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.53

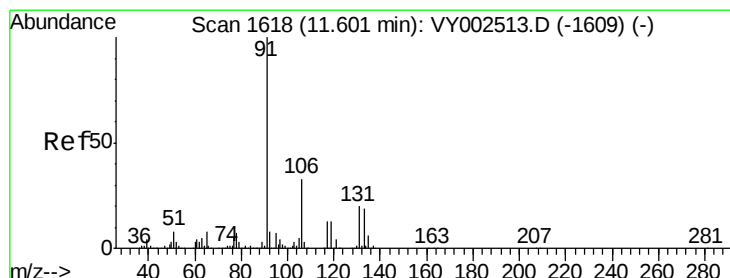
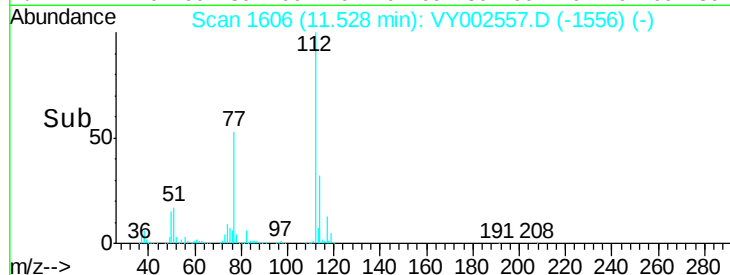
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 21.253 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

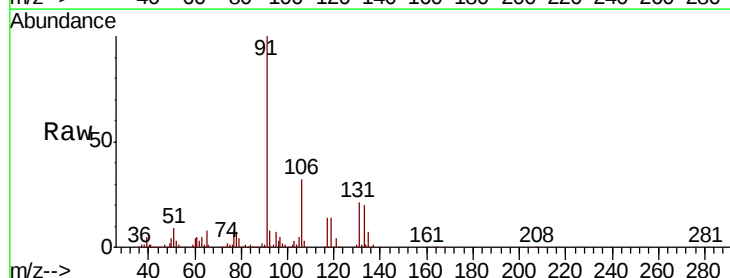
Tgt Ion:131 Resp: 80728

Ion Ratio Lower Upper

131 100

133 94.0 48.1 144.4

119 64.7 31.6 95.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

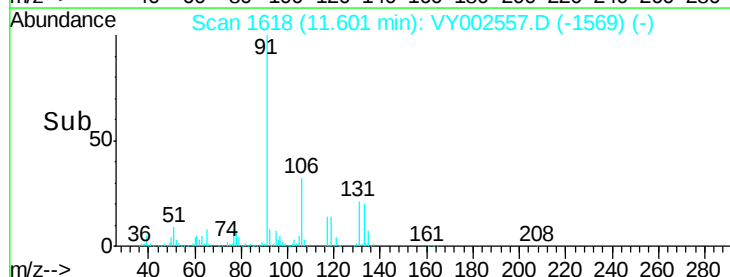
150000

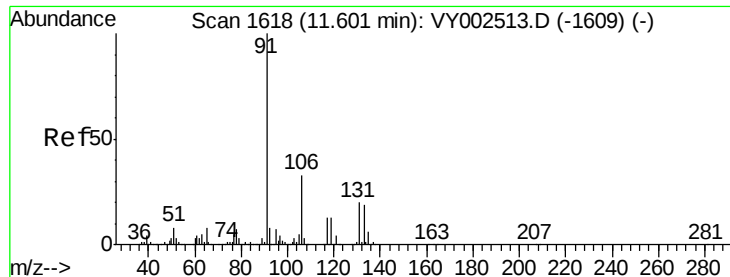
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 20.277 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

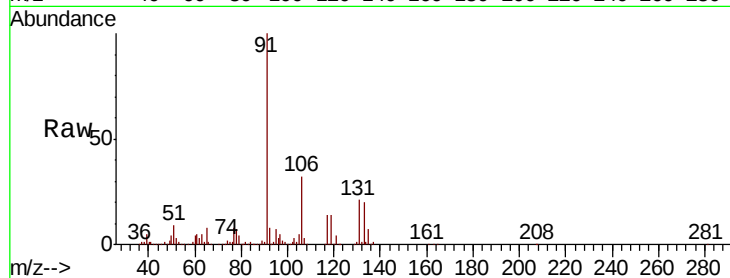
ClientSampleId :

Tot Ion: 91 Resp: 364458

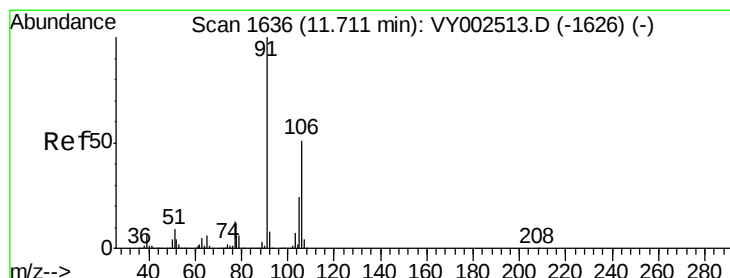
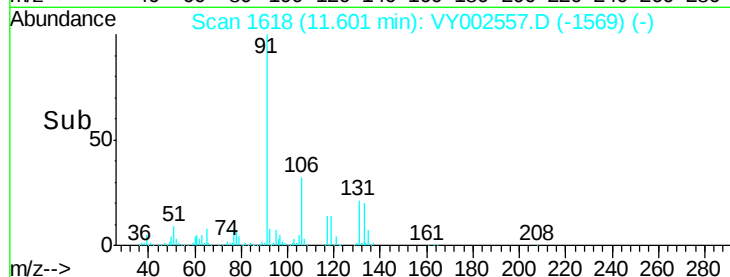
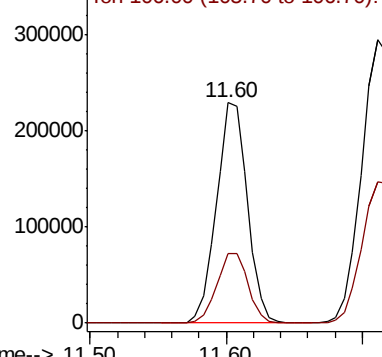
Ion Ratio Lower Upper

91 100

106 31.8 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1609) (-)



#68

m/p-Xylenes

Concen: 39.685 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY002557.D

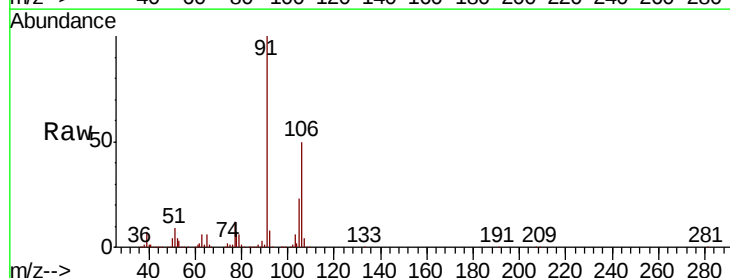
Acq: 04 May 2020 22:38

Tgt Ion: 106 Resp: 275992

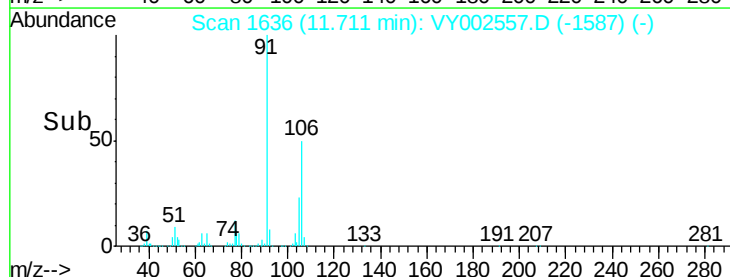
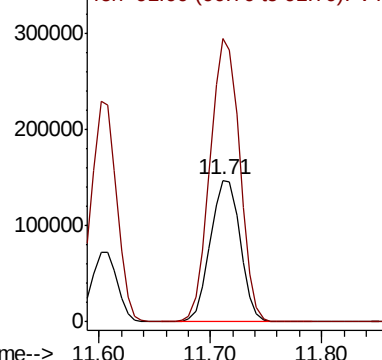
Ion Ratio Lower Upper

106 100

91 197.5 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): VY002513.D (-1626) (-)

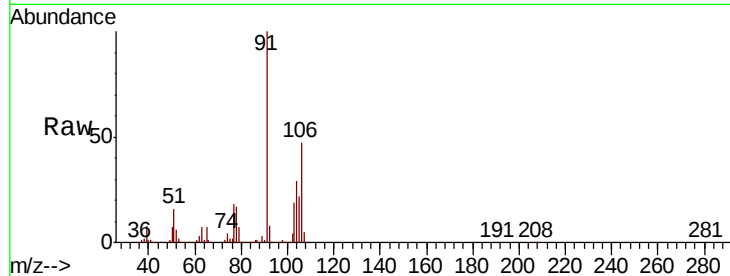




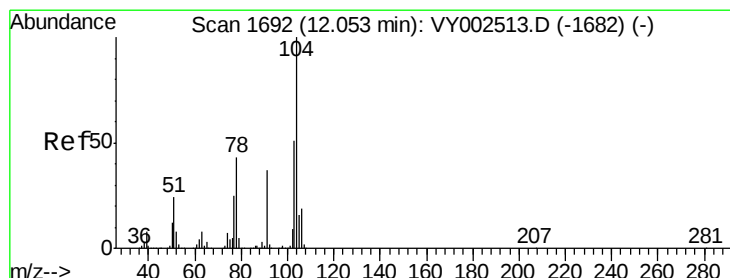
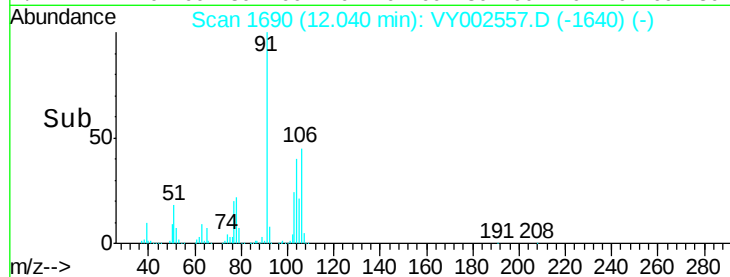
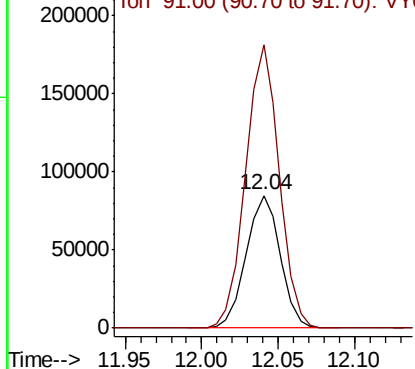
#69  
o-Xylene  
Concen: 20.194 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion:106 Resp: 131496  
Ion Ratio Lower Upper  
106 100  
91 209.9 103.8 311.3

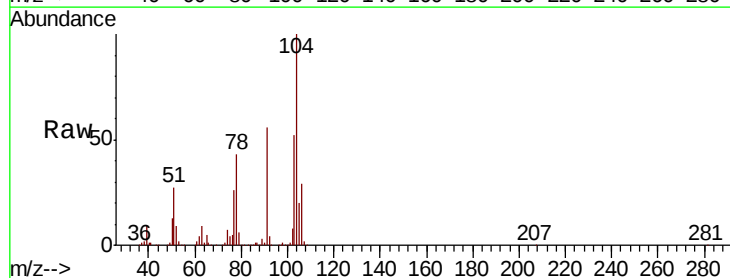


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VY0

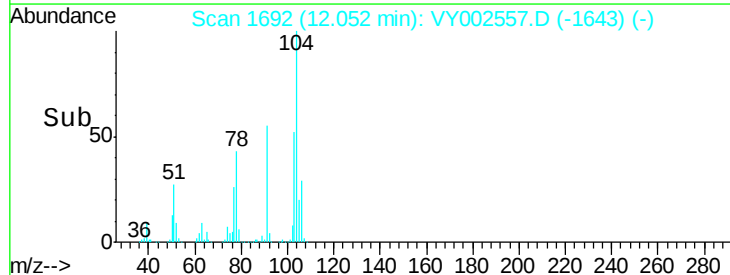
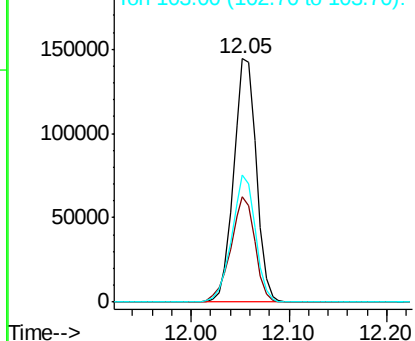


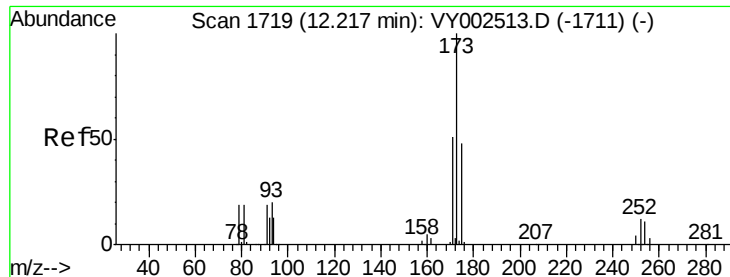
#70  
Styrene  
Concen: 20.745 ug/l  
RT: 12.05 min Scan# 1692  
Delta R.T. -0.00 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Tgt Ion:104 Resp: 230935  
Ion Ratio Lower Upper  
104 100  
78 45.9 37.4 56.0  
103 54.2 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VY0  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 21.168 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

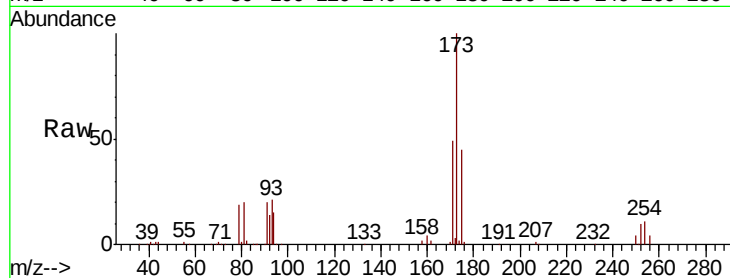
Tot Ion:173 Resp: 49905

Ion Ratio Lower Upper

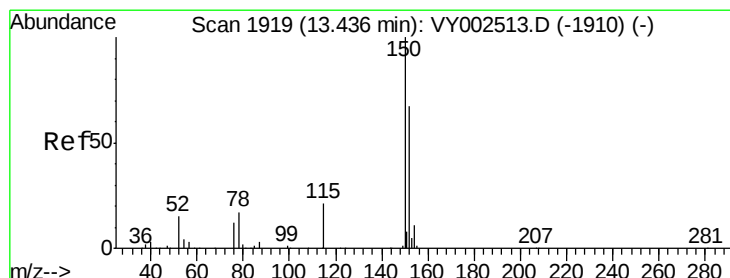
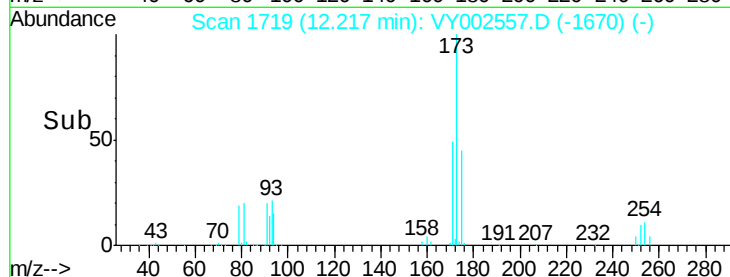
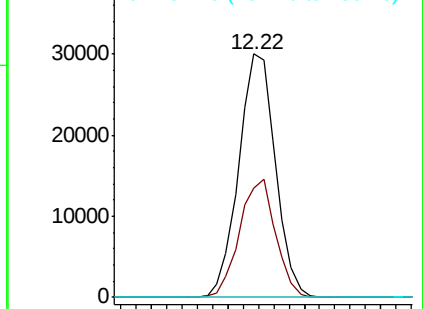
173 100

175 47.6 24.3 72.8

254 0.0 0.2 0.2#



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: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

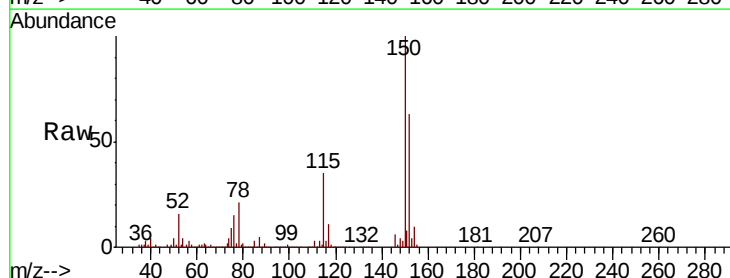
Tgt Ion:152 Resp: 270330

Ion Ratio Lower Upper

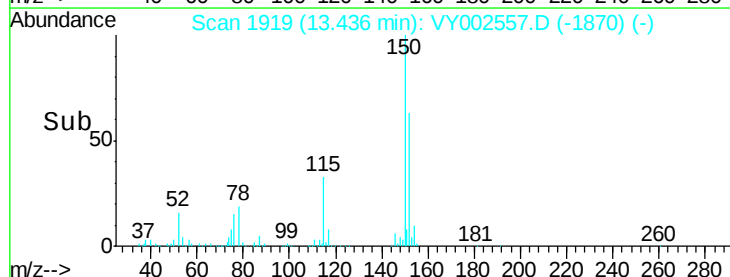
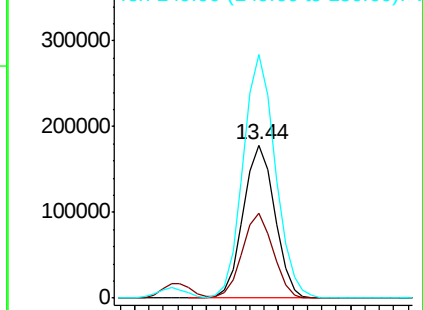
152 100

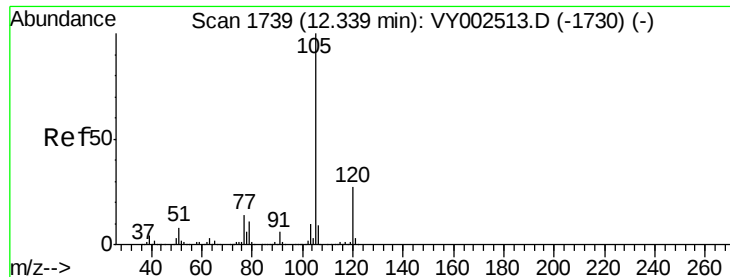
115 54.3 27.5 82.4

150 163.1 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.612 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

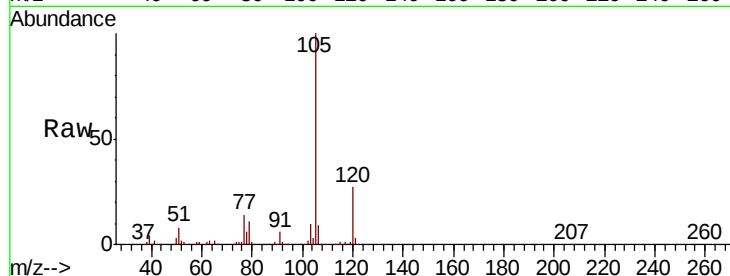
ClientSampled :

Tot Ion:105 Resp: 361128

Ion Ratio Lower Upper

105 100

120 27.6 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

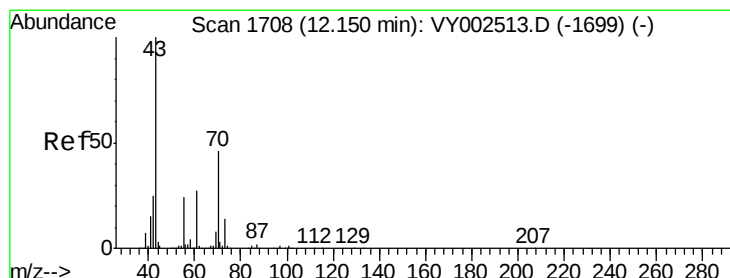
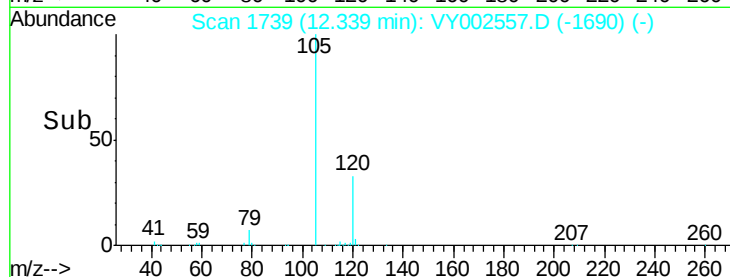
0

12.30

12.34

12.40

Time-->



#74

N-ethyl acetate

Concen: 22.122 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Tgt Ion: 43 Resp: 93233

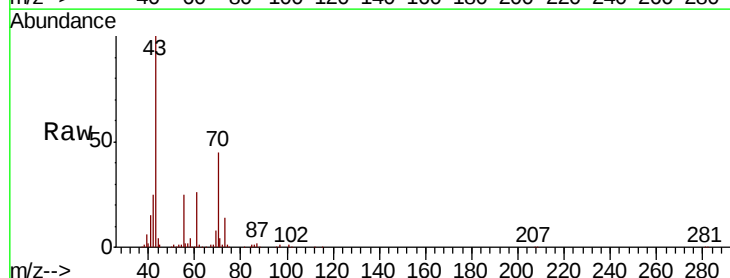
Ion Ratio Lower Upper

43 100

70 46.6 36.7 55.1

55 25.1 19.2 28.8

61 26.2 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

100000

80000

60000

40000

20000

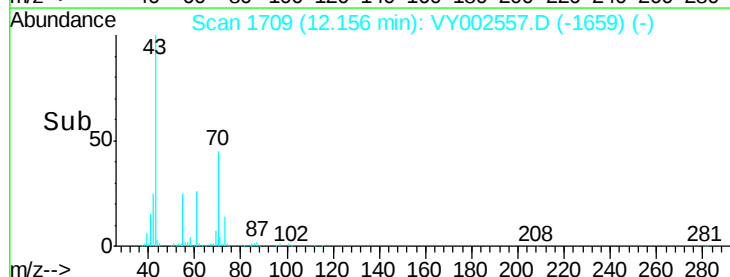
0

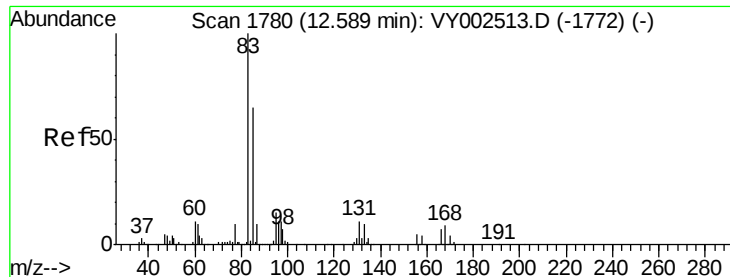
12.10

12.16

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.310 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

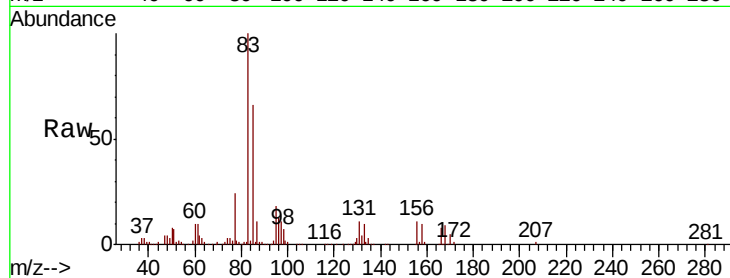
Tot Ion: 83 Resp: 56591

Ion Ratio Lower Upper

83 100

131 11.4 5.9 17.8

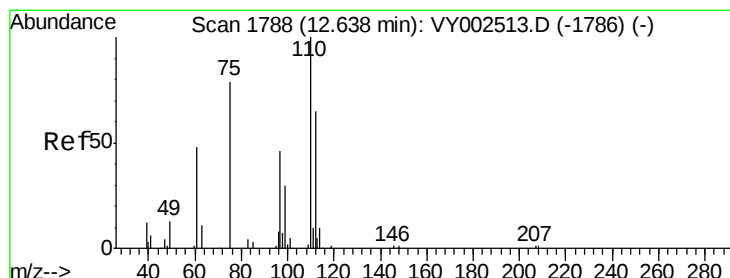
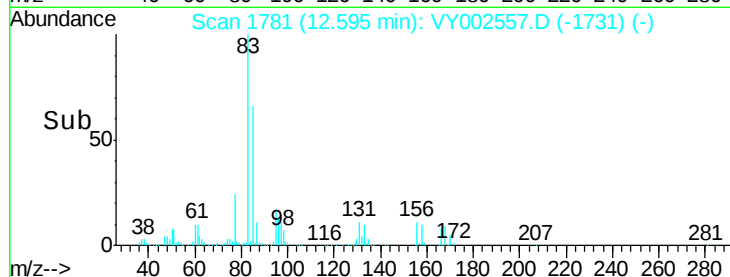
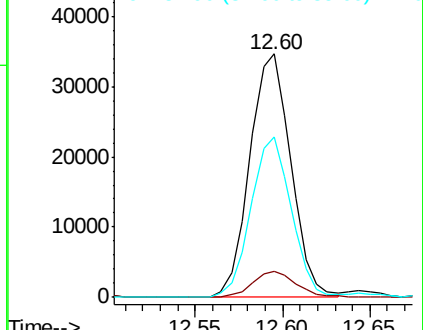
85 64.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 37.596 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002557.D

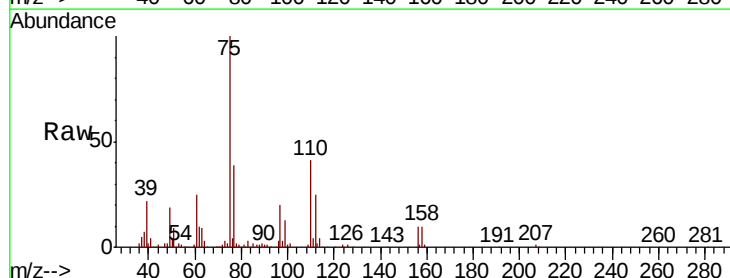
Acq: 04 May 2020 22:38

Tgt Ion: 75 Resp: 90318

Ion Ratio Lower Upper

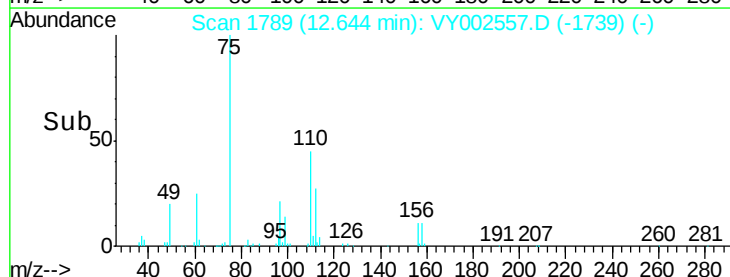
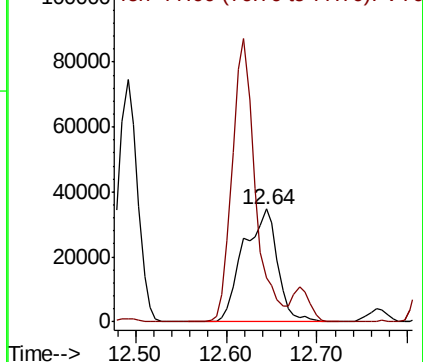
75 100

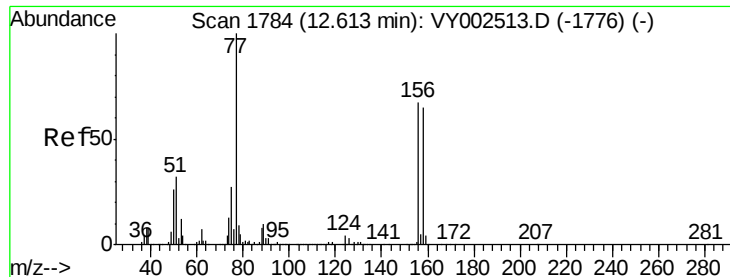
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.111 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

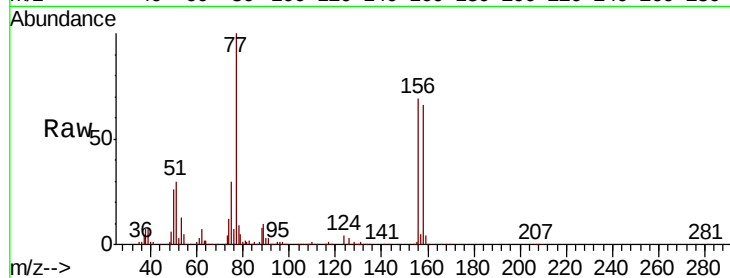
Tot Ion:156 Resp: 92405

Ion Ratio Lower Upper

156 100

77 168.0 82.0 245.8

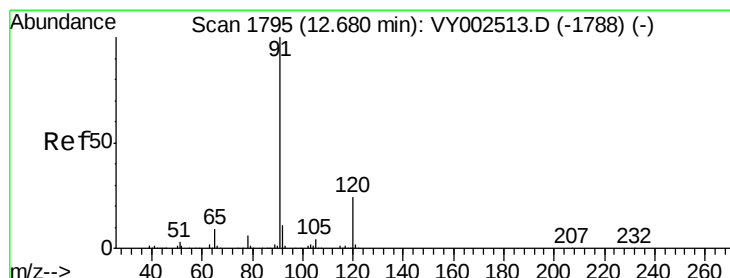
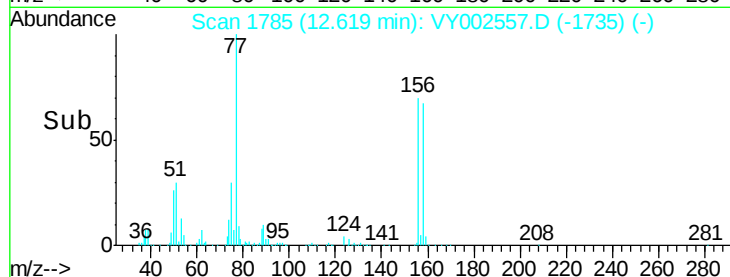
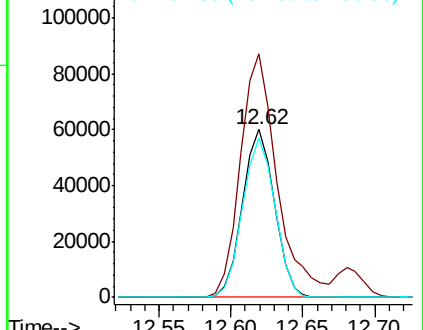
158 96.4 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.375 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002557.D

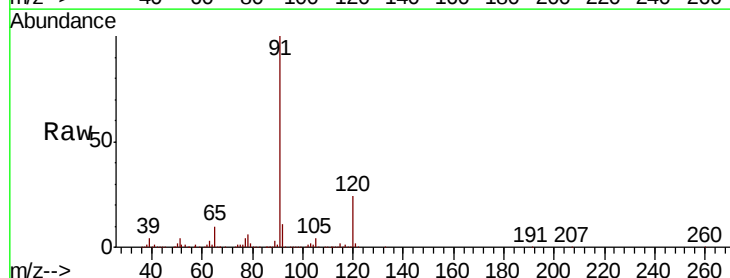
Acq: 04 May 2020 22:38

Tgt Ion: 91 Resp: 414265

Ion Ratio Lower Upper

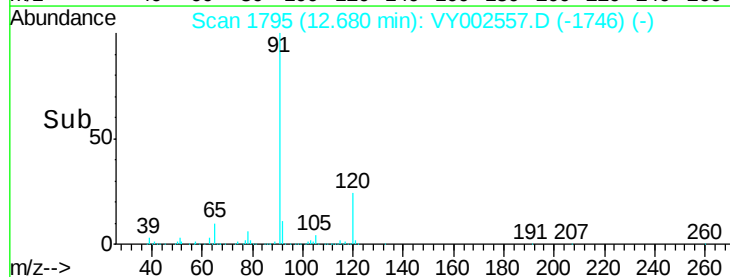
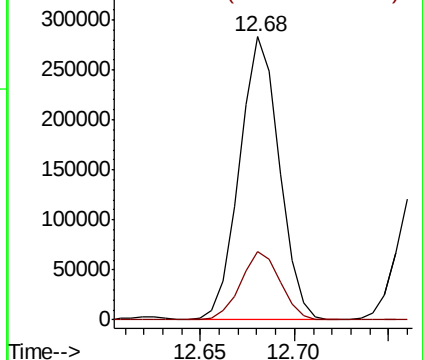
91 100

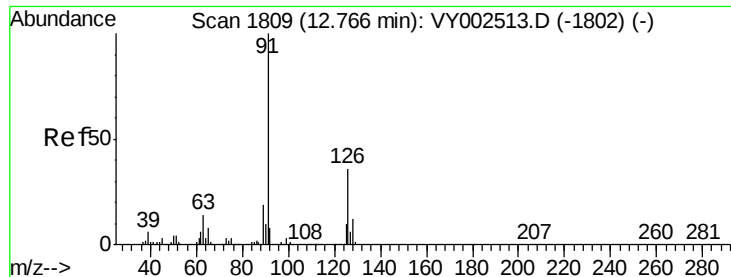
120 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

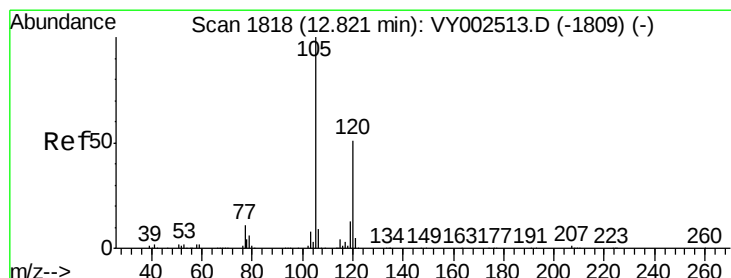
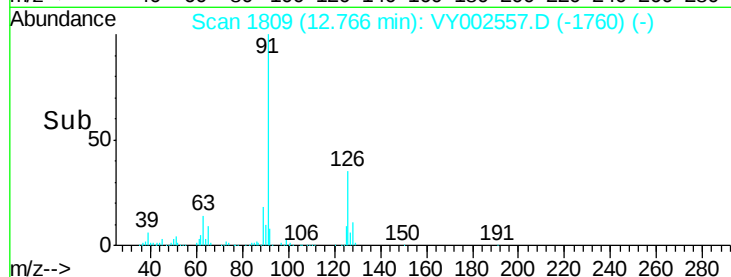
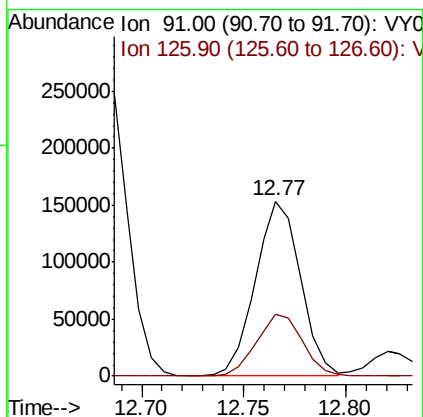
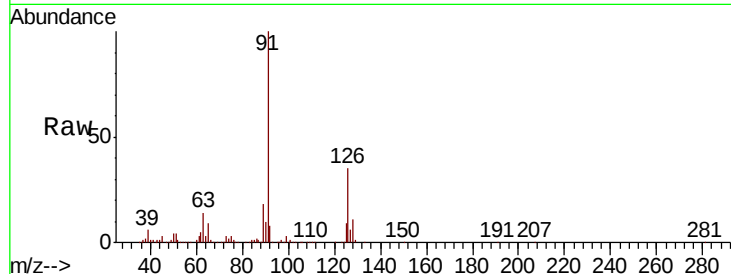




#79  
 2-Chlorotoluene  
 Concen: 21.018 ug/l  
 RT: 12.77 min Scan# 1809  
 Delta R.T. -0.00 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

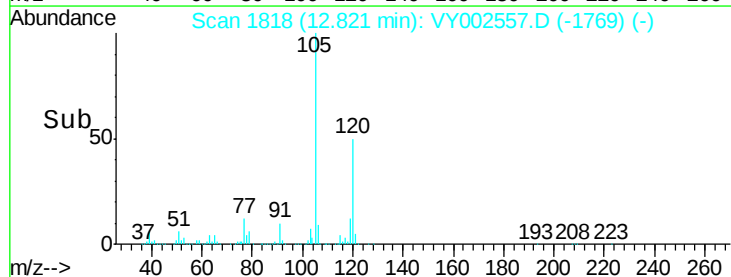
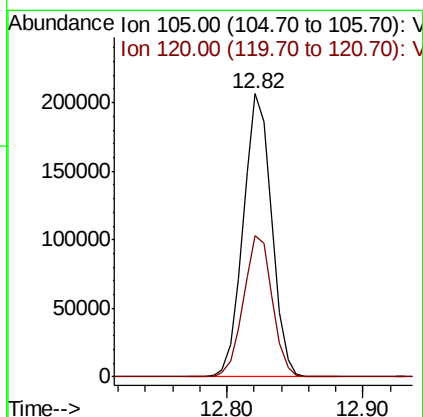
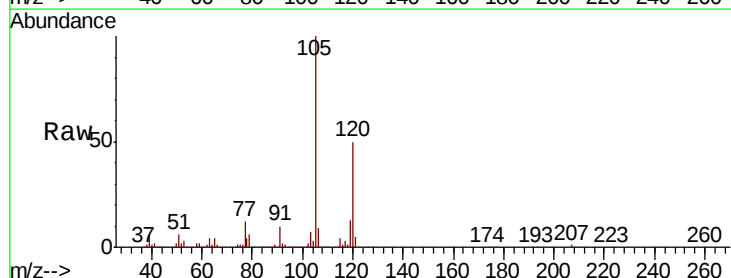
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

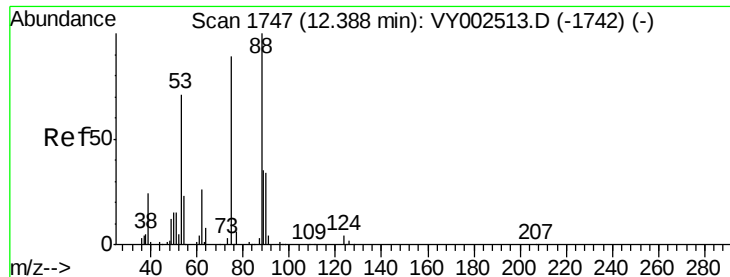
Tot Ion: 91 Resp: 236706  
 Ion Ratio Lower Upper  
 91 100  
 126 36.2 18.4 55.2



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.713 ug/l  
 RT: 12.82 min Scan# 1818  
 Delta R.T. -0.00 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

Tgt Ion: 105 Resp: 300802  
 Ion Ratio Lower Upper  
 105 100  
 120 50.7 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.578 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

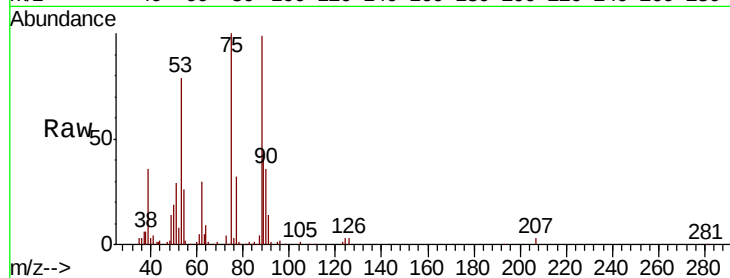
Tot Ion: 75 Resp: 23456

Ion Ratio Lower Upper

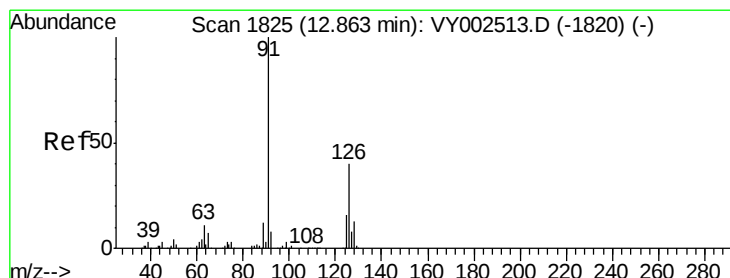
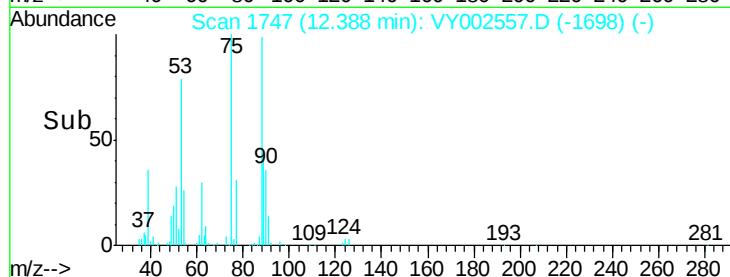
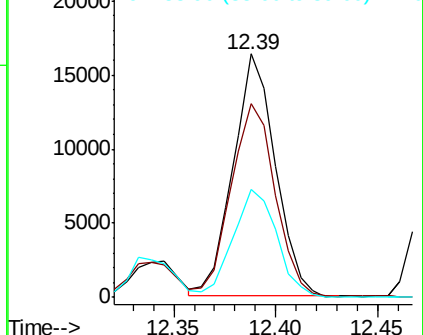
75 100

53 83.6 67.4 101.0

89 46.2 37.4 56.0



Abundance Ion 74.90 (74.60 to 75.60): VY0  
Ion 53.00 (52.70 to 53.70): VY0  
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.562 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY002557.D

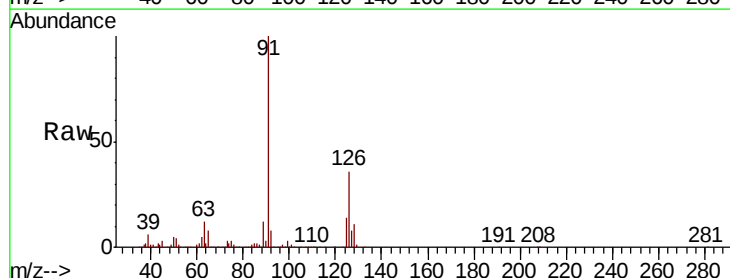
Acq: 04 May 2020 22:38

Tgt Ion: 91 Resp: 243251

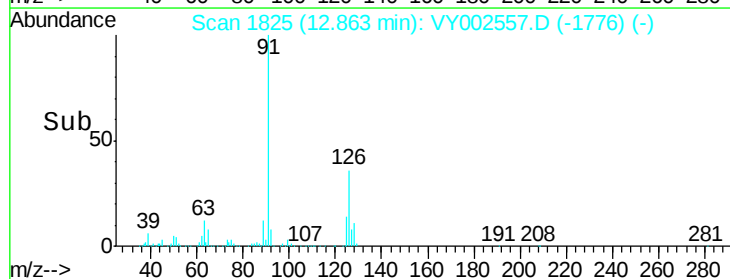
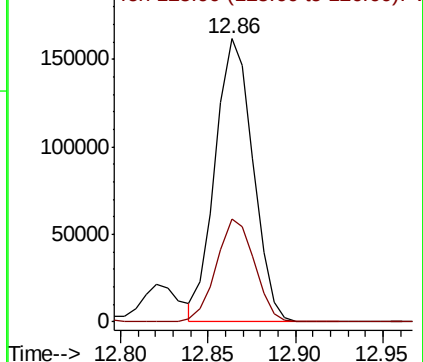
Ion Ratio Lower Upper

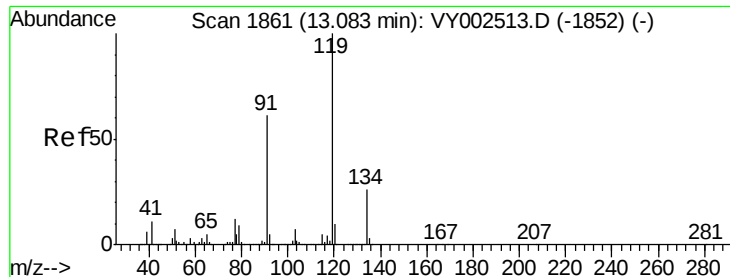
91 100

126 36.7 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0  
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.144 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

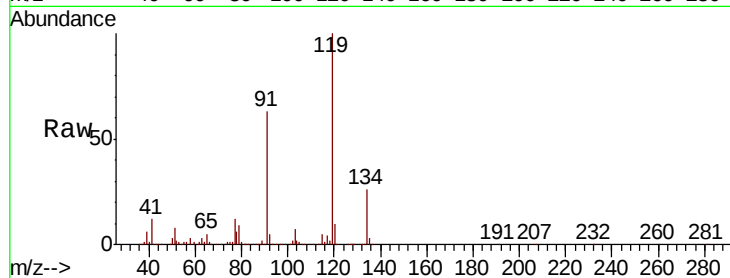
Tot Ion:119 Resp: 269250

Ion Ratio Lower Upper

119 100

91 60.7 30.6 91.6

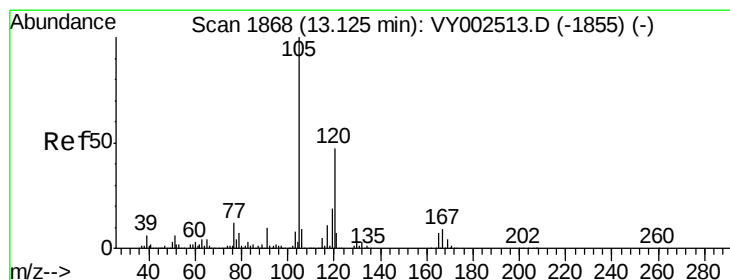
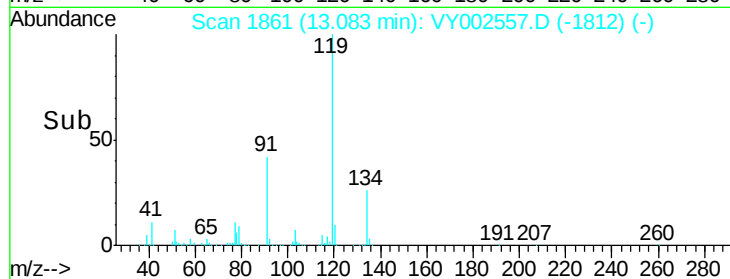
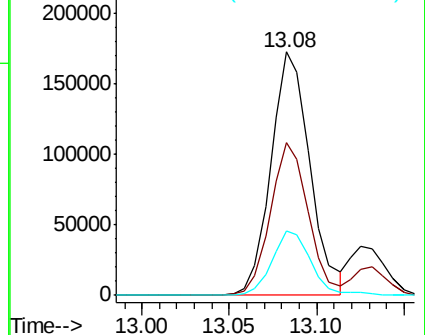
134 26.6 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.880 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY002557.D

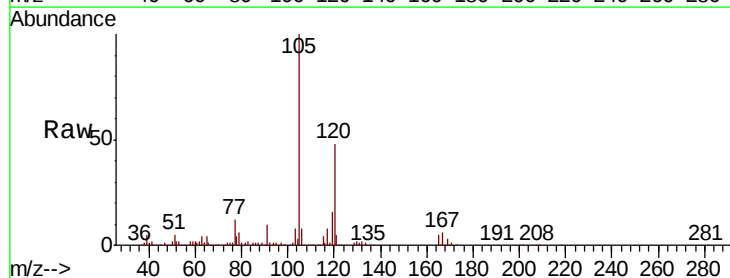
Acq: 04 May 2020 22:38

Tgt Ion:105 Resp: 302202

Ion Ratio Lower Upper

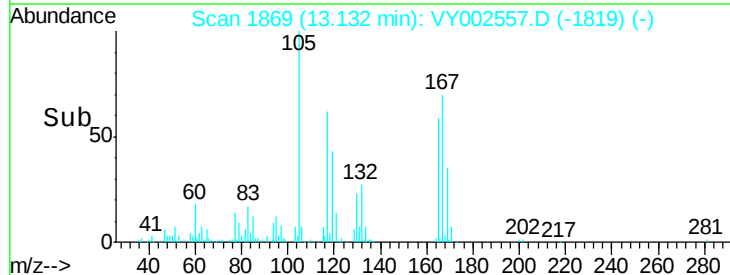
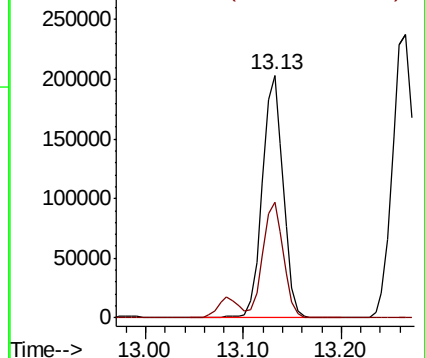
105 100

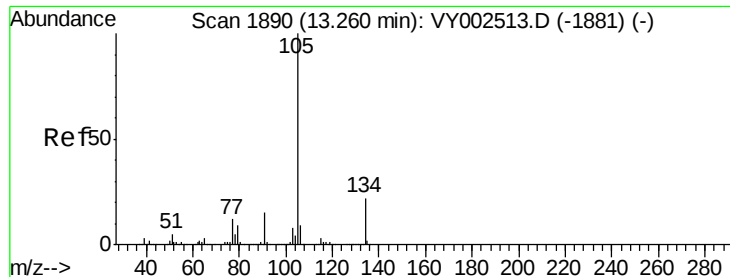
120 47.3 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.625 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

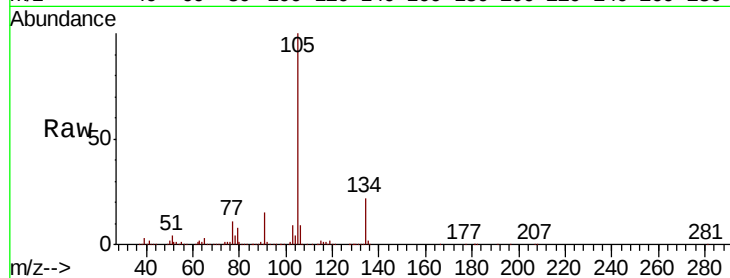
ClientSampled :

Tot Ion:105 Resp: 364437

Ion Ratio Lower Upper

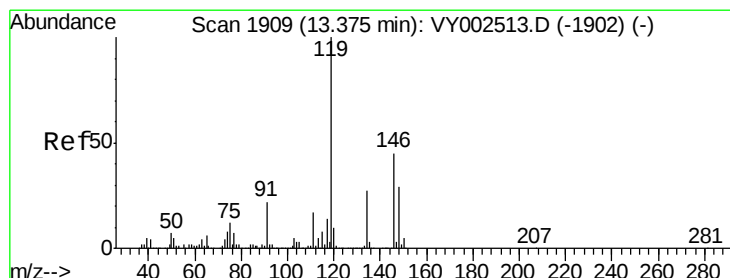
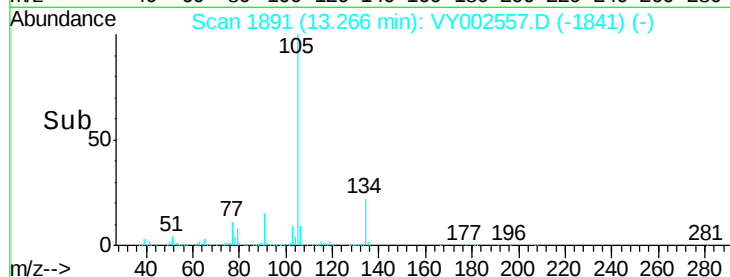
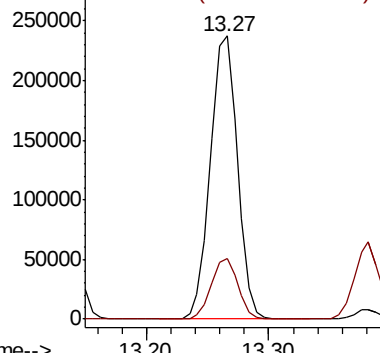
105 100

134 21.1 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.505 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

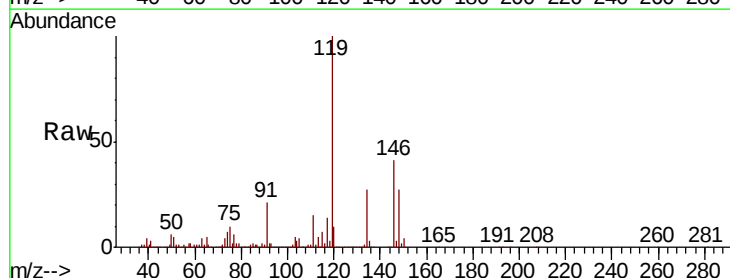
Tgt Ion:119 Resp: 339494

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

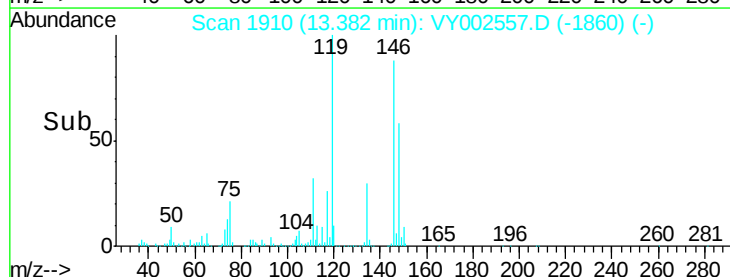
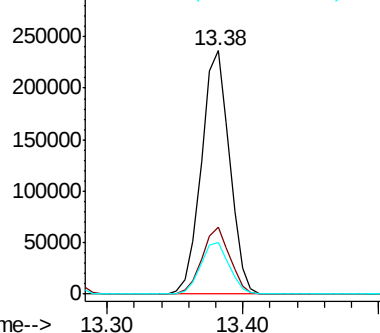
91 21.5 10.9 32.9



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): VY0





#87

1,3-Dichlorobenzene

Concen: 20.683 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

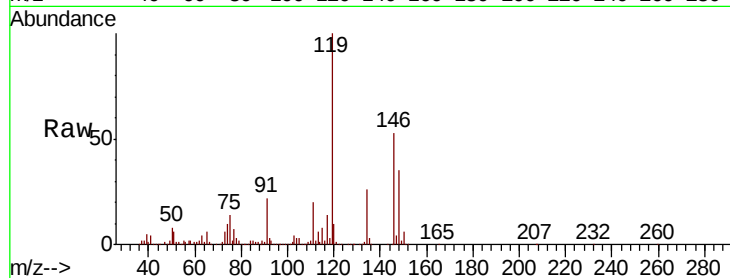
Tot Ion:146 Resp: 171347

Ion Ratio Lower Upper

146 100

111 37.1 18.8 56.3

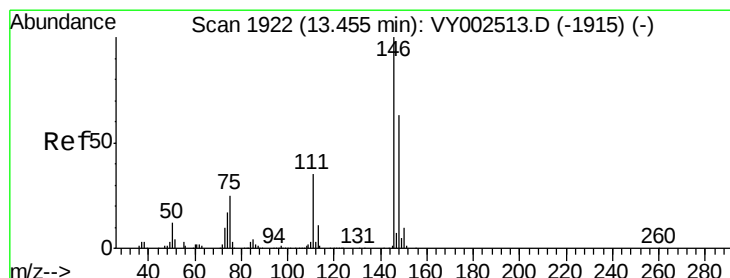
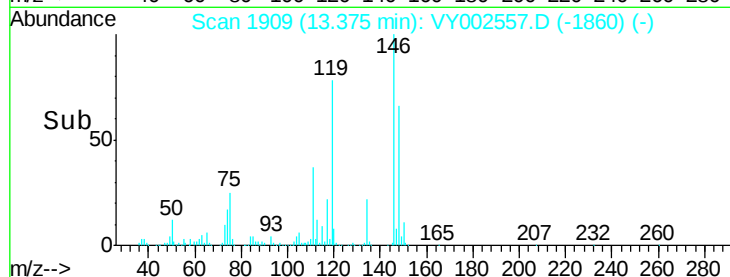
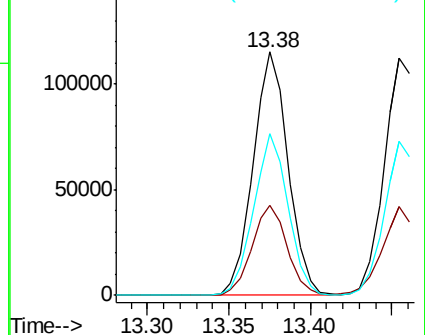
148 65.2 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 20.970 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

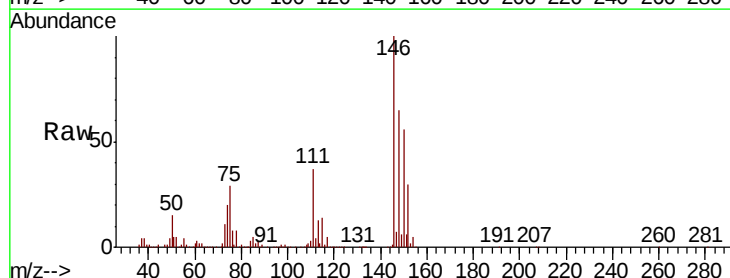
Tgt Ion:146 Resp: 172027

Ion Ratio Lower Upper

146 100

111 37.1 18.1 54.1

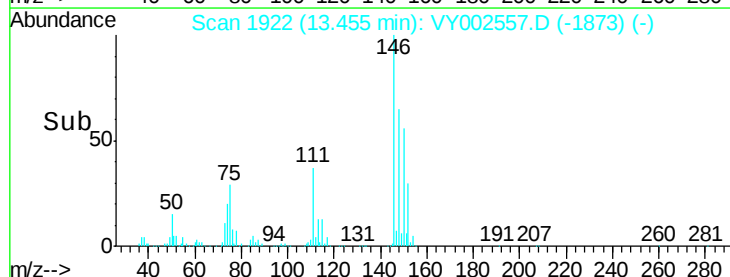
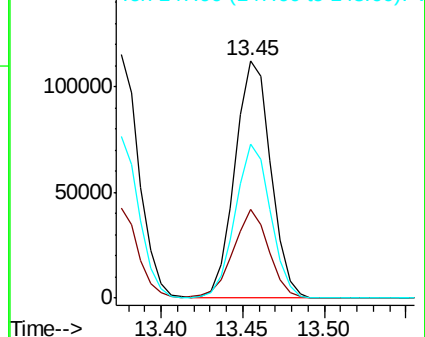
148 63.9 31.9 95.5

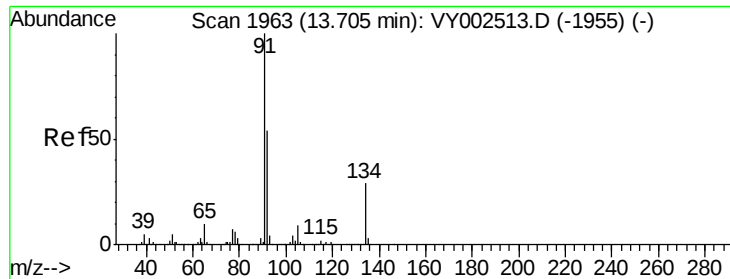


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.196 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampled :

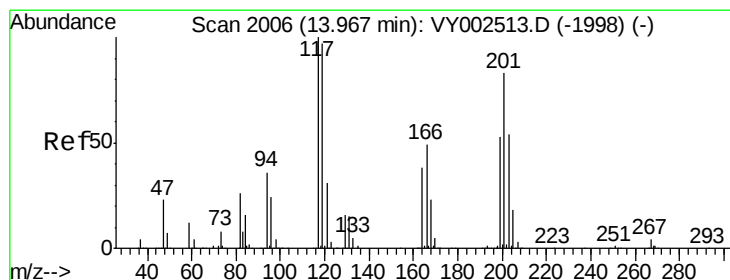
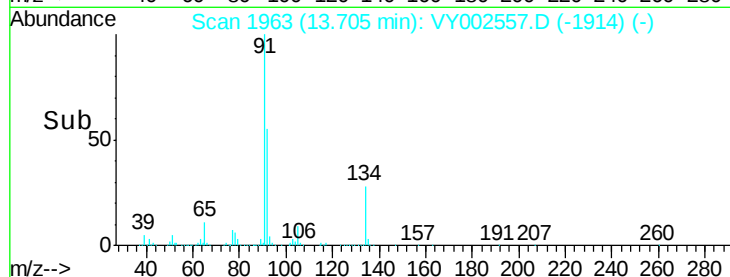
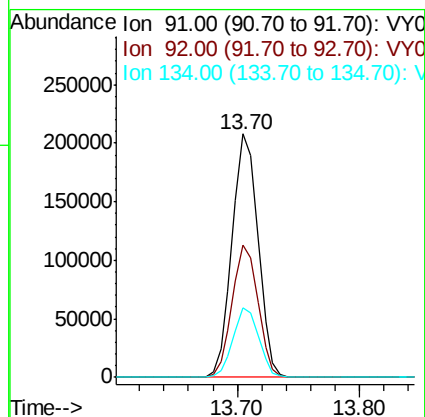
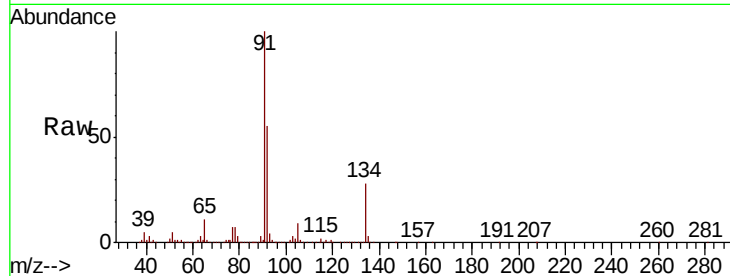
Tot Ion: 91 Resp: 304391

Ion Ratio Lower Upper

91 100

92 54.3 27.1 81.3

134 28.2 14.4 43.0



#90

Hexachloroethane

Concen: 21.474 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002557.D

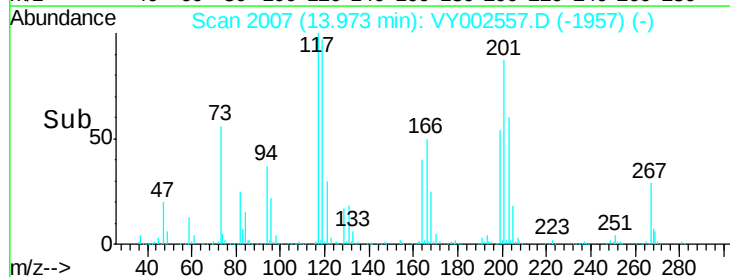
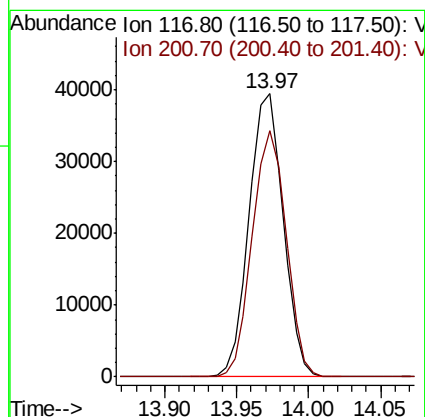
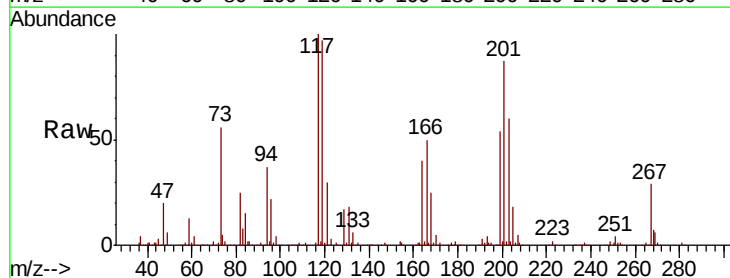
Acq: 04 May 2020 22:38

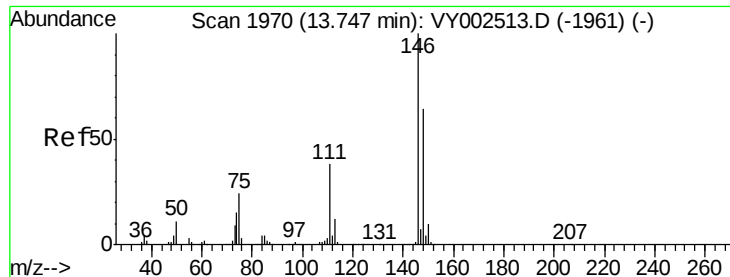
Tgt Ion: 117 Resp: 64745

Ion Ratio Lower Upper

117 100

201 86.4 44.4 133.2

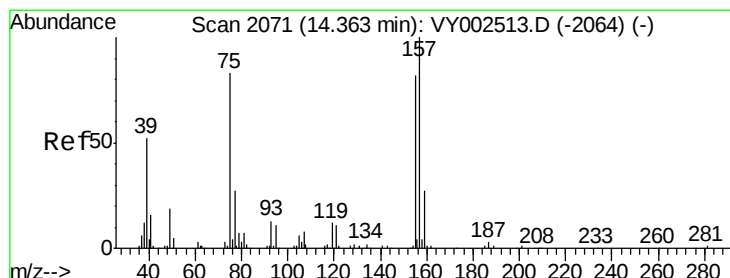
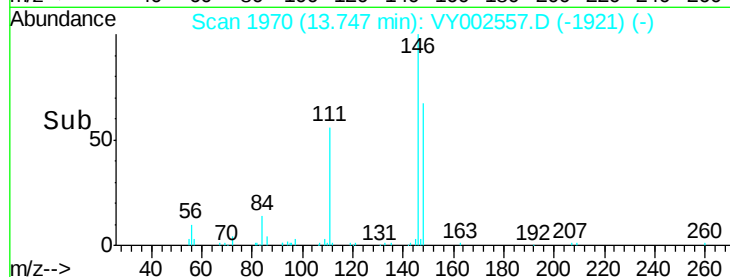
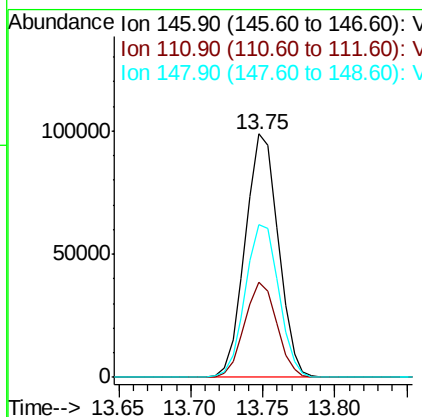
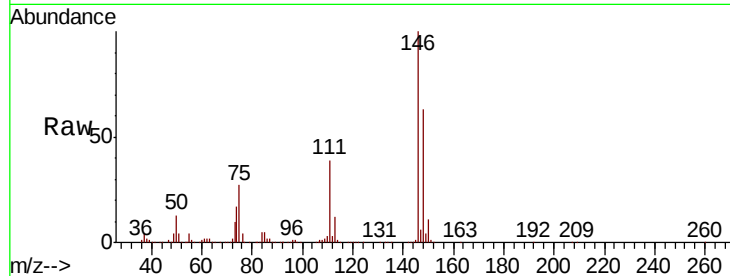




#91  
 1,2-Dichlorobenzene  
 Concen: 21.210 ug/l  
 RT: 13.75 min Scan# 1970  
 Delta R.T. -0.00 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

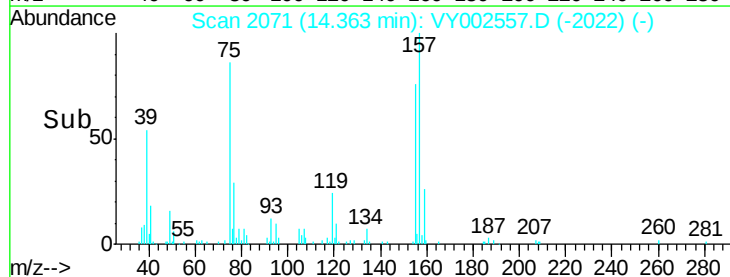
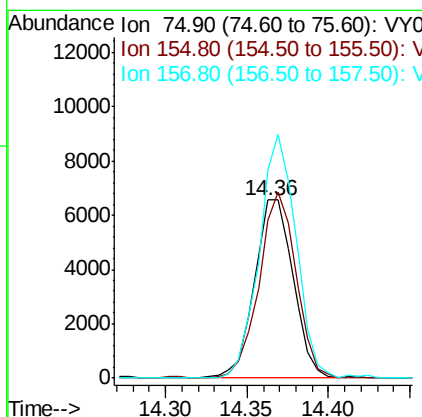
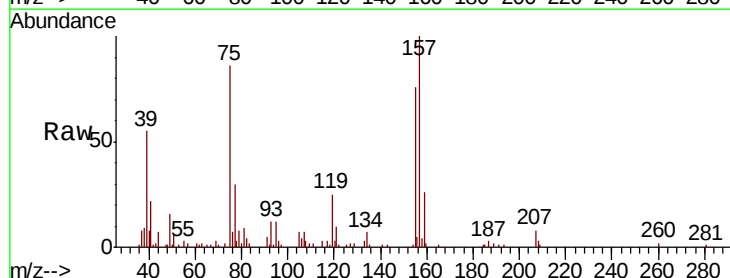
Instrument :  
 MSVOA\_Y  
 ClientSampled :

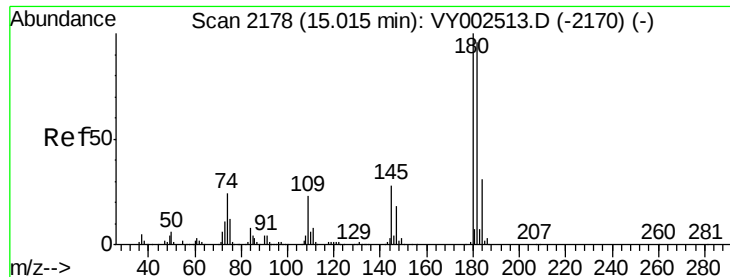
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.2  | 19.1  | 57.5  |
| 148     | 63.7  | 31.9  | 95.7  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.928 ug/l  
 RT: 14.36 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 99.4  | 51.3  | 153.9 |
| 157     | 129.0 | 65.0  | 195.0 |

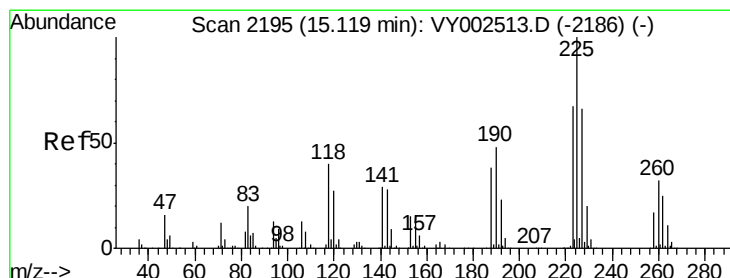
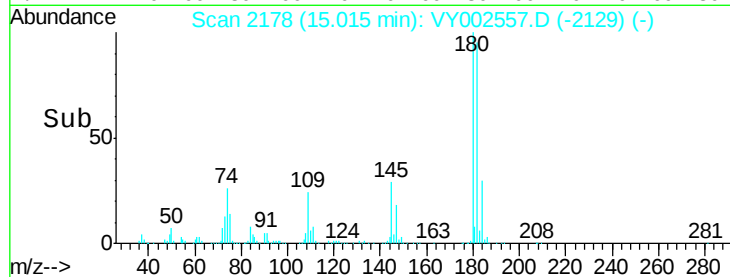
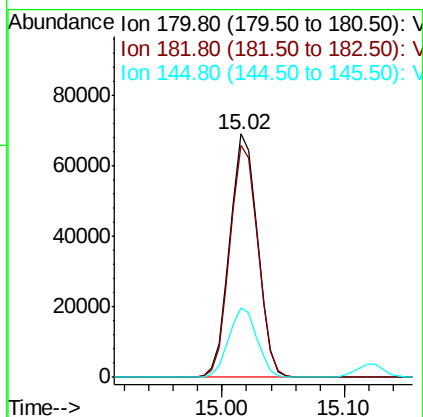
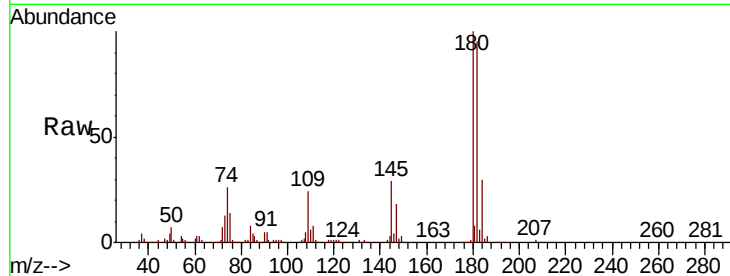




#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.186 ug/l  
 RT: 15.02 min Scan# 2178  
 Delta R.T. -0.00 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

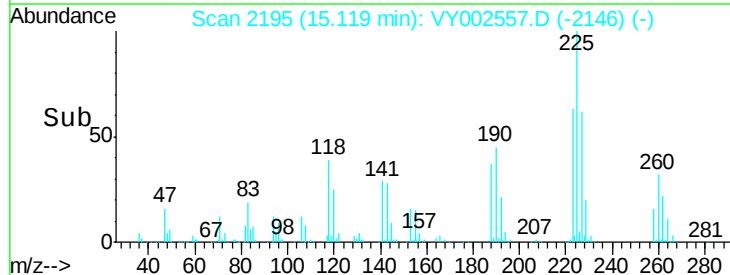
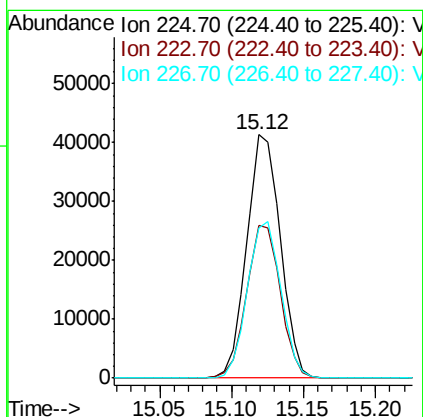
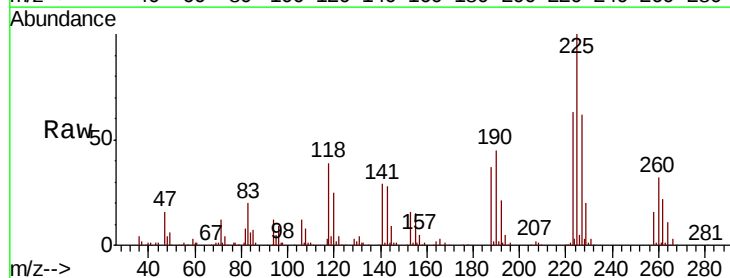
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

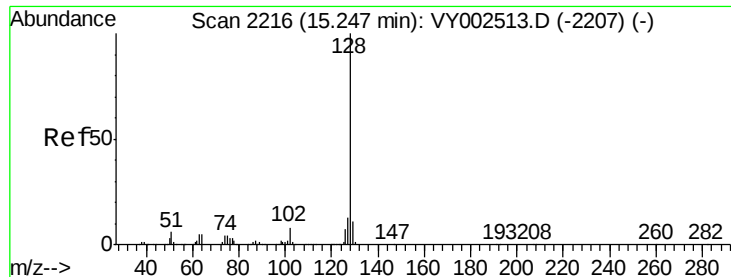
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.1  | 47.9  | 143.6 |
| 145     | 29.0  | 14.4  | 43.0  |



#94  
 Hexachlorobutadiene  
 Concen: 20.708 ug/l  
 RT: 15.12 min Scan# 2195  
 Delta R.T. -0.00 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.9  | 32.1  | 96.5  |
| 227     | 64.1  | 32.0  | 96.2  |





#95

Naphthalene

Concen: 21.332 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

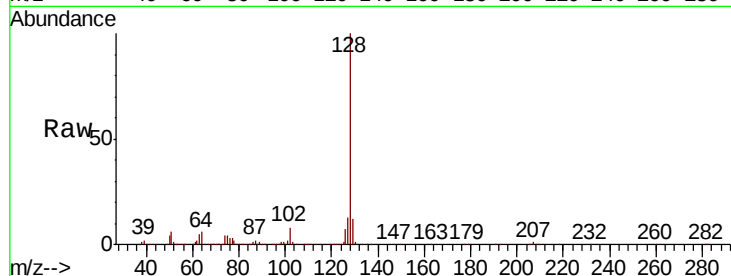
Tot Ion:128 Resp: 208855

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

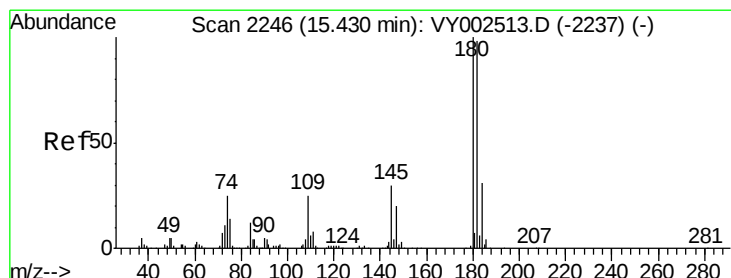
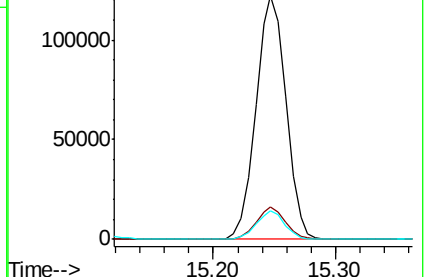
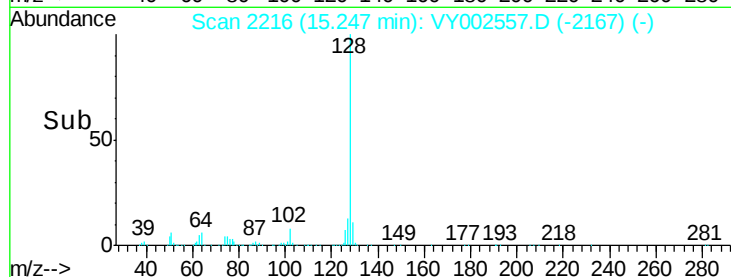
129 11.2 8.8 13.2



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: 20.796 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

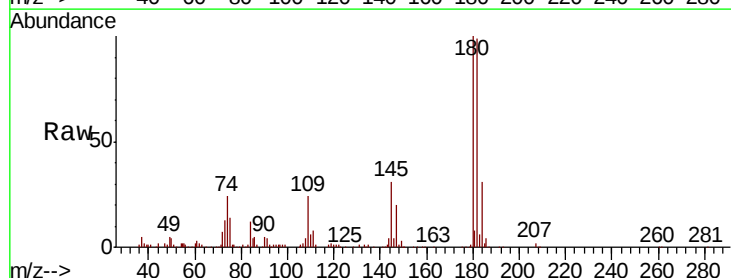
Tgt Ion:180 Resp: 94749

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.8

145 30.6 15.0 45.1



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

