

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\  
 Data File : VY000814.D  
 Acq On : 27 Nov 2019 13:00  
 Operator : SY/MD  
 Sample : VSTDICV050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Nov 28 02:33:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y112719S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 27 12:40:47 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 365161   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 635934   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 557552   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 258969   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.15   | 65  | 186061   | 47.95 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.90%  |      |
| 35) Dibromofluoromethane  | 7.72   | 113 | 180964   | 48.83 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.66%  |      |
| 50) Toluene-d8            | 10.18  | 98  | 749767   | 50.60 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.20% |      |
| 62) 4-Bromofluorobenzene  | 12.48  | 95  | 257601   | 46.29 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.58%  |      |

## Target Compounds

|                               |      |     |         |         | Qvalue   |
|-------------------------------|------|-----|---------|---------|----------|
| 2) Dichlorodifluoromethane    | 1.90 | 85  | 180547  | 45.931  | ug/l 99  |
| 3) Chloromethane              | 2.12 | 50  | 220592  | 45.526  | ug/l 100 |
| 4) Vinyl Chloride             | 2.25 | 62  | 217254  | 45.494  | ug/l 99  |
| 5) Bromomethane               | 2.65 | 94  | 129469  | 44.455  | ug/l 99  |
| 6) Chloroethane               | 2.79 | 64  | 134496  | 45.936  | ug/l 98  |
| 7) Trichlorofluoromethane     | 3.13 | 101 | 306440  | 46.824  | ug/l 95  |
| 8) Diethyl Ether              | 3.53 | 74  | 118222  | 47.995  | ug/l 97  |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101 | 193487  | 47.875  | ug/l 99  |
| 10) Methyl Iodide             | 4.09 | 142 | 255910  | 50.293  | ug/l 98  |
| 11) Tert butyl alcohol        | 4.96 | 59  | 88959   | 227.883 | ug/l 99  |
| 12) 1,1-Dichloroethene        | 3.88 | 96  | 194876  | 48.673  | ug/l 97  |
| 13) Acrolein                  | 3.74 | 56  | 91867   | 238.899 | ug/l 98  |
| 14) Allyl chloride            | 4.48 | 41  | 320507  | 46.686  | ug/l 99  |
| 15) Acrylonitrile             | 5.18 | 53  | 301958  | 237.402 | ug/l 98  |
| 16) Acetone                   | 3.96 | 43  | 206657  | 232.173 | ug/l 98  |
| 17) Carbon Disulfide          | 4.19 | 76  | 631604  | 48.775  | ug/l 99  |
| 18) Methyl Acetate            | 4.49 | 43  | 165108  | 44.363  | ug/l 96  |
| 19) Methyl tert-butyl Ether   | 5.23 | 73  | 515361  | 48.197  | ug/l 99  |
| 20) Methylene Chloride        | 4.72 | 84  | 216267  | 46.094  | ug/l 98  |
| 21) trans-1,2-Dichloroethene  | 5.22 | 96  | 218573  | 48.030  | ug/l 99  |
| 22) Diisopropyl ether         | 6.13 | 45  | 649775  | 46.051  | ug/l 99  |
| 23) Vinyl Acetate             | 6.07 | 43  | 2060660 | 240.228 | ug/l 98  |
| 24) 1,1-Dichloroethane        | 6.02 | 63  | 366631  | 47.144  | ug/l 99  |
| 25) 2-Butanone                | 6.99 | 43  | 392686  | 238.823 | ug/l 99  |
| 26) 2,2-Dichloropropane       | 6.99 | 77  | 313327  | 47.870  | ug/l 99  |
| 27) cis-1,2-Dichloroethene    | 7.00 | 96  | 235695  | 47.914  | ug/l 98  |
| 28) Bromochloromethane        | 7.34 | 49  | 145643  | 51.034  | ug/l 98  |
| 29) Tetrahydrofuran           | 7.36 | 42  | 257273  | 236.124 | ug/l 99  |
| 30) Chloroform                | 7.52 | 83  | 357454  | 45.819  | ug/l 97  |
| 31) Cyclohexane               | 7.79 | 56  | 378709  | 45.969  | ug/l 96  |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97  | 308272  | 47.853  | ug/l 98  |
| 36) 1,1-Dichloropropene       | 7.93 | 75  | 300774  | 47.567  | ug/l 99  |
| 37) Ethyl Acetate             | 7.08 | 43  | 168325  | 46.103  | ug/l 100 |
| 38) Carbon Tetrachloride      | 7.91 | 117 | 270198  | 47.983  | ug/l 94  |

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 MSVOA\_Y  
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Quant Time: Nov 28 02:33:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y112719S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 27 12:40:47 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 399443   | 47.681  | ug/l   | 98       |
| 40) Benzene                    | 8.17  | 78   | 876669   | 47.598  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.35  | 41   | 221276   | 114.990 | ug/l # | 1        |
| 42) 1,2-Dichloroethane         | 8.24  | 62   | 225857   | 46.628  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.28  | 43   | 317012   | 46.075  | ug/l   | 97       |
| 44) Trichloroethene            | 8.94  | 130  | 223764   | 47.273  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 218799   | 47.294  | ug/l   | 96       |
| 46) Dibromomethane             | 9.31  | 93   | 117195   | 48.484  | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.50  | 83   | 271178   | 47.756  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.30  | 41   | 140139   | 46.319  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 31709    | 925.811 | ug/l   | 88       |
| 51) 4-Methyl-2-Pentanone       | 10.07 | 43   | 842636   | 237.036 | ug/l   | 99       |
| 52) Toluene                    | 10.24 | 92   | 540578   | 47.404  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 299413   | 49.079  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 352425   | 48.873  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.64 | 97   | 169906   | 47.576  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 253574   | 49.634  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 294204   | 47.267  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 749376   | 363.786 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.83 | 43   | 628665   | 242.693 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.99 | 129  | 185450   | 48.238  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 165138   | 49.065  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.72 | 164  | 227100   | 46.881  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.52 | 112  | 555082   | 47.895  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 188575   | 48.282  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.59 | 91   | 1032174  | 47.821  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.70 | 106  | 779291   | 96.191  | ug/l   | 99       |
| 69) o-Xylene                   | 12.03 | 106  | 364892   | 48.306  | ug/l   | 100      |
| 70) Styrene                    | 12.04 | 104  | 635757   | 49.153  | ug/l   | 99       |
| 71) Bromoform                  | 12.20 | 173  | 111000   | 50.390  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.33 | 105  | 983579   | 47.701  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.14 | 43   | 275723   | 48.042  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 197049   | 48.500  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 273852   | 93.334  | ug/l # | 100      |
| 77) Bromobenzene               | 12.61 | 156  | 218510   | 48.888  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.67 | 91   | 1207190  | 47.948  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.75 | 91   | 656277   | 47.183  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 809648   | 47.424  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 75998    | 50.878  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.85 | 91   | 684213   | 47.747  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.07 | 119  | 689658   | 48.047  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 814286   | 47.673  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.25 | 105  | 999655   | 47.887  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 868506   | 47.833  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 414316   | 47.253  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.44 | 146  | 416753   | 48.004  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.69 | 91   | 883180   | 48.110  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.96 | 117  | 165456   | 49.468  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.73 | 146  | 379348   | 48.099  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 32524    | 47.816  | ug/l   | 99       |

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Operator : SY/MD  
Sample : VSTDICV050  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 9 Sample Multiplier: 1

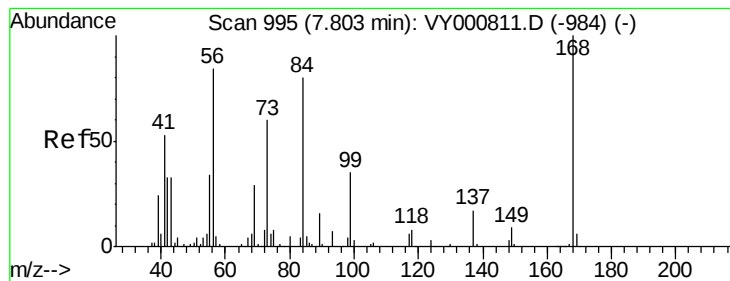
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Nov 28 02:33:02 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y112719S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 27 12:40:47 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.00 | 180  | 258060   | 48.355 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 125811   | 47.548 | ug/l  | 99       |
| 95) Naphthalene            | 15.23 | 128  | 620921   | 50.107 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 230005   | 48.250 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

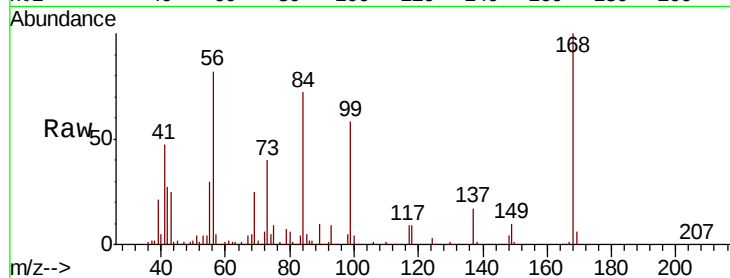
ClientSampled :

Tot Ion:168 Resp: 365161

Ion Ratio Lower Upper

168 100

99 58.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

150000

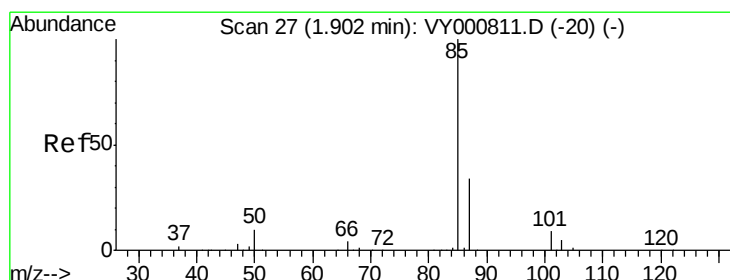
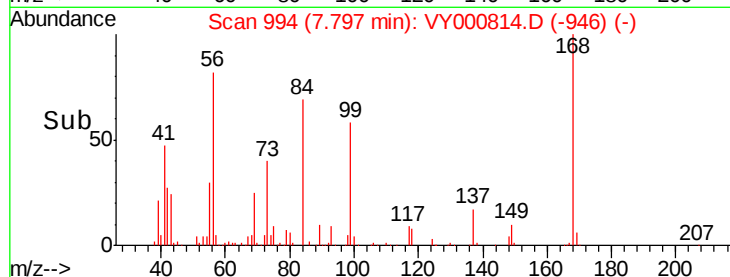
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.931 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000814.D

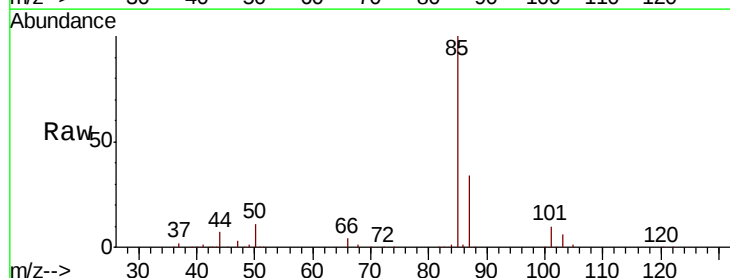
Acq: 27 Nov 2019 13:00

Tgt Ion: 85 Resp: 180547

Ion Ratio Lower Upper

85 100

87 33.8 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000811.D (-20) (-)

1.90

120000

100000

80000

60000

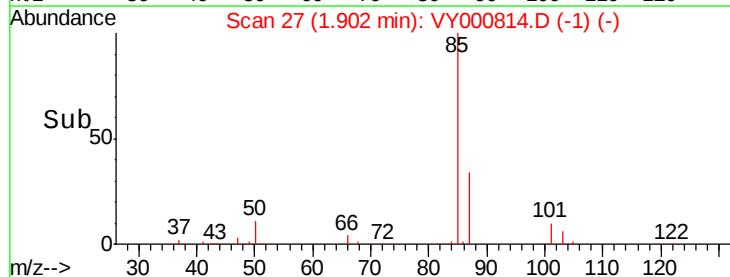
40000

20000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 45.526 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

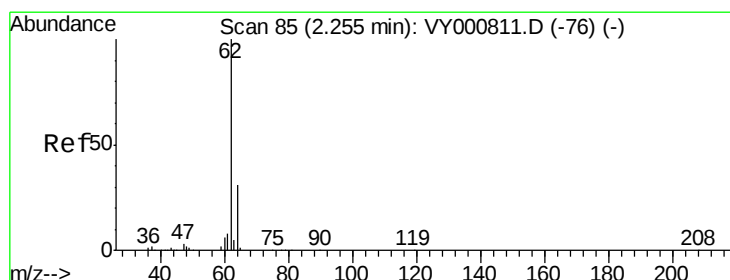
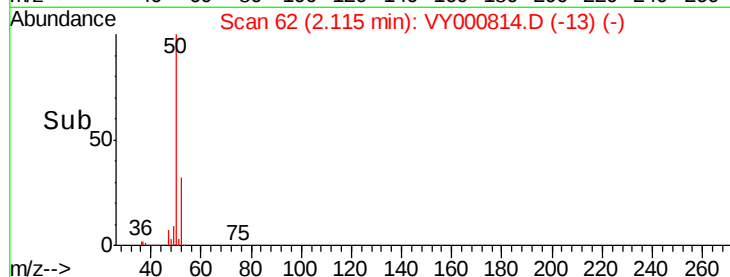
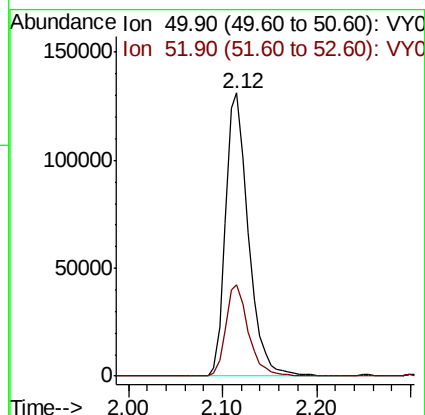
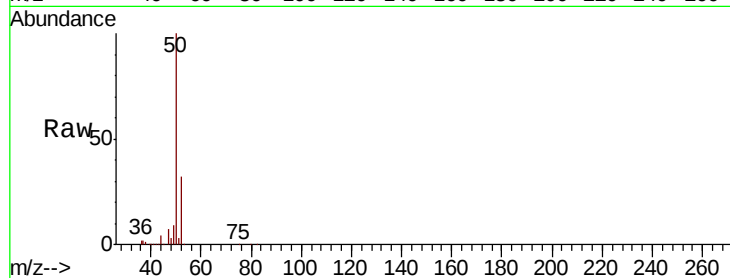
ClientSampleId :

Tot Ion: 50 Resp: 220592

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



#4

Vinyl Chloride

Concen: 45.494 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000814.D

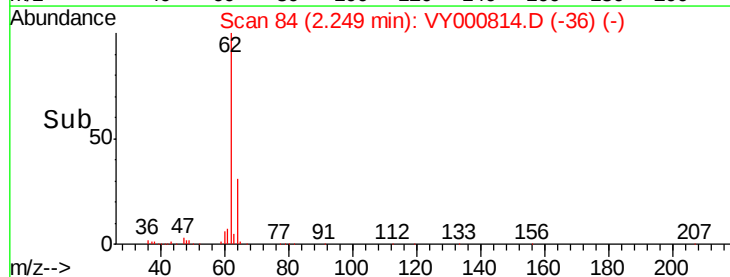
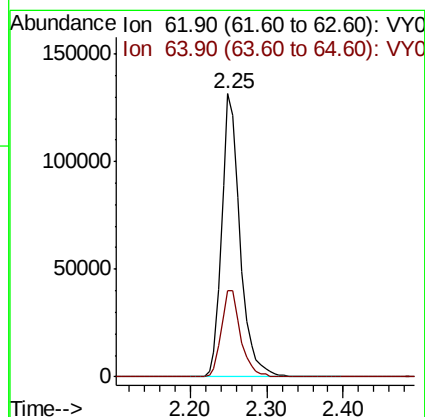
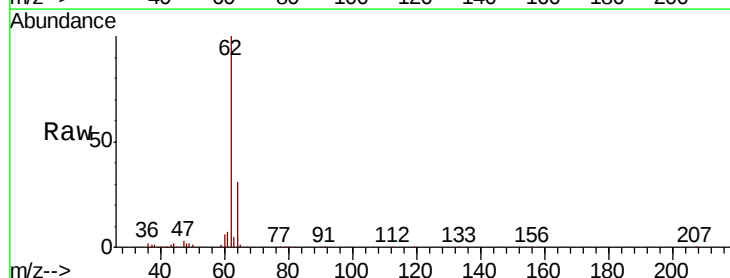
Acq: 27 Nov 2019 13:00

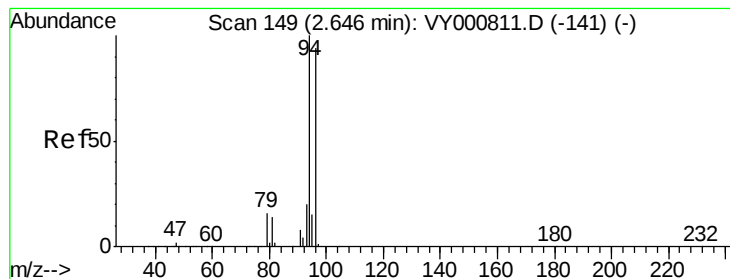
Tgt Ion: 62 Resp: 217254

Ion Ratio Lower Upper

62 100

64 30.6 25.1 37.7





#5

Bromomethane

Concen: 44.455 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

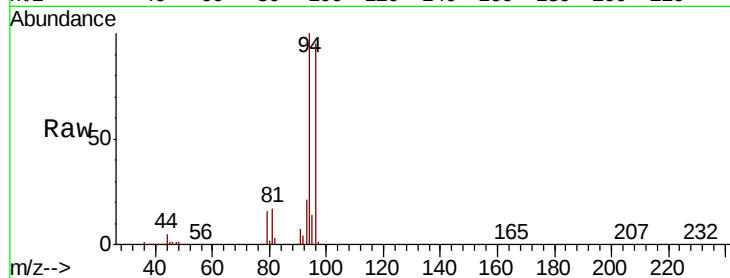
ClientSampleId :

Tot Ion: 94 Resp: 129469

Ion Ratio Lower Upper

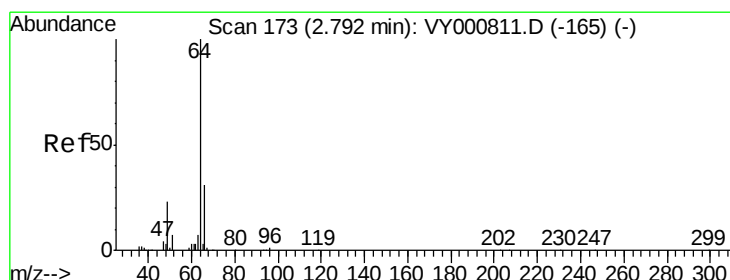
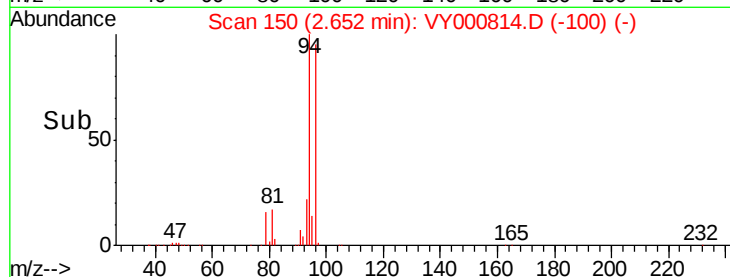
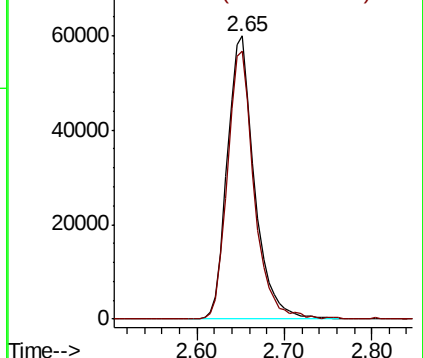
94 100

96 94.8 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 45.936 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000814.D

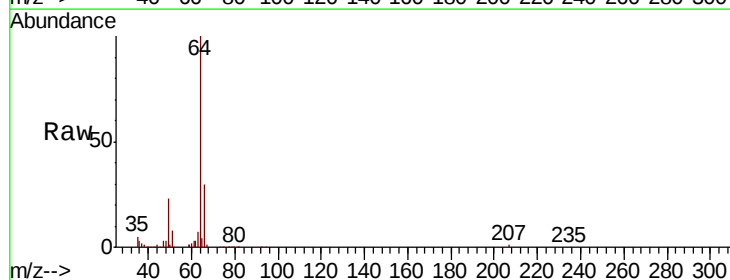
Acq: 27 Nov 2019 13:00

Tgt Ion: 64 Resp: 134496

Ion Ratio Lower Upper

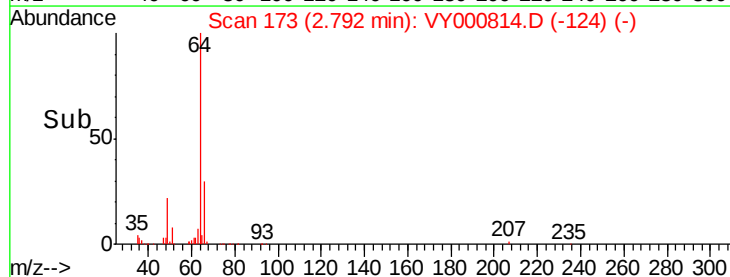
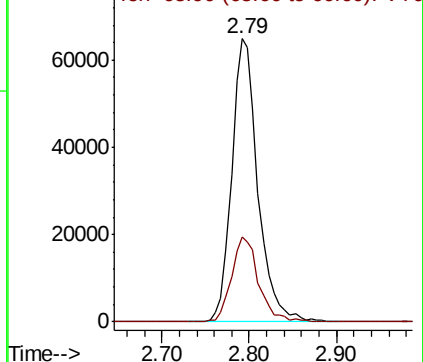
64 100

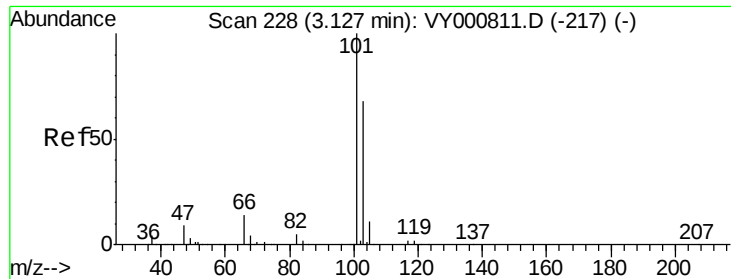
66 30.1 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



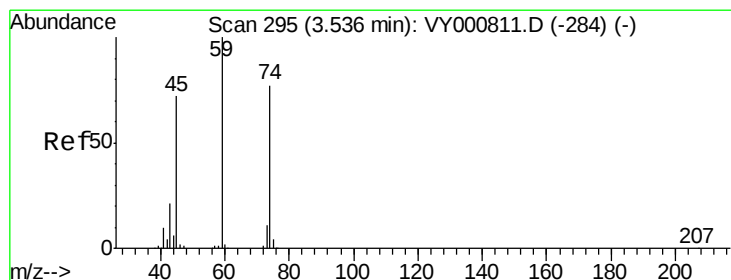
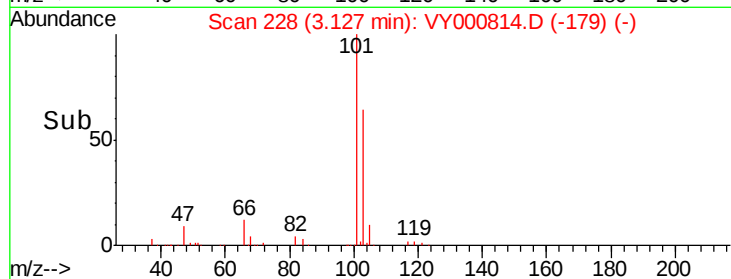
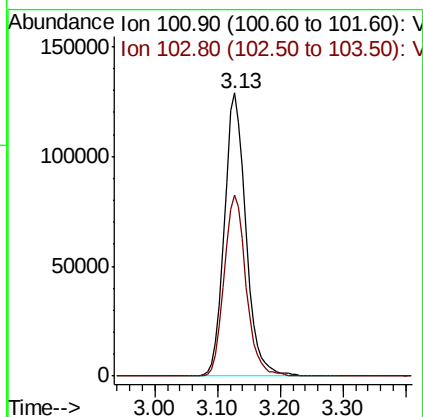
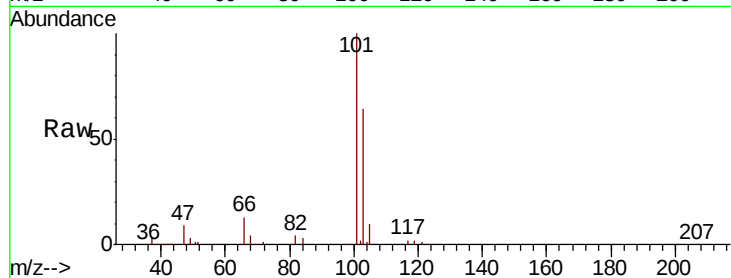


#7

Trichlorofluoromethane  
 Concen: 46.824 ug/l  
 RT: 3.13 min Scan# 228  
 Delta R.T. -0.00 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

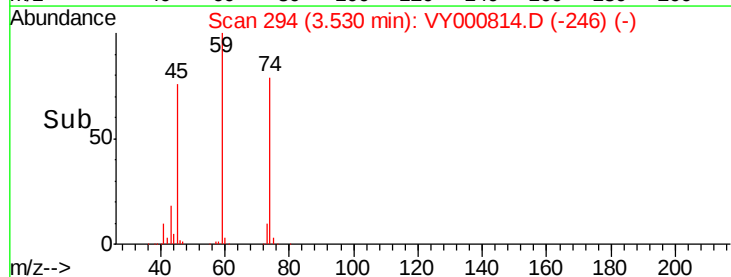
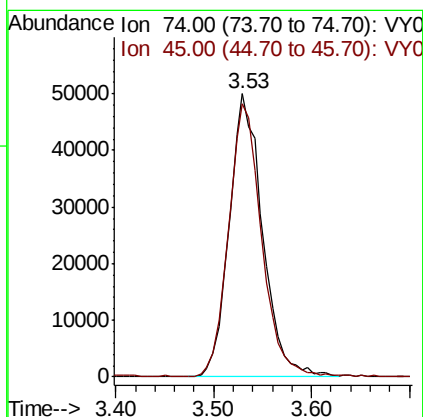
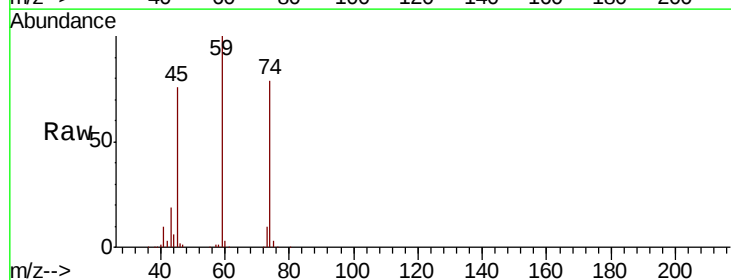
Tot Ion:101 Resp: 306440  
 Ion Ratio Lower Upper  
 101 100  
 103 64.0 54.2 81.2

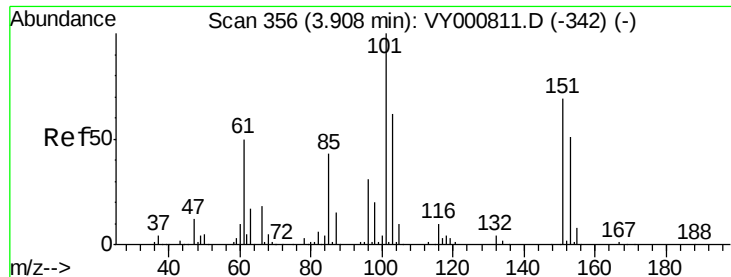


#8

Diethyl Ether  
 Concen: 47.995 ug/l  
 RT: 3.53 min Scan# 294  
 Delta R.T. -0.01 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

Tgt Ion: 74 Resp: 118222  
 Ion Ratio Lower Upper  
 74 100  
 45 95.4 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.875 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

ClientSampleId :

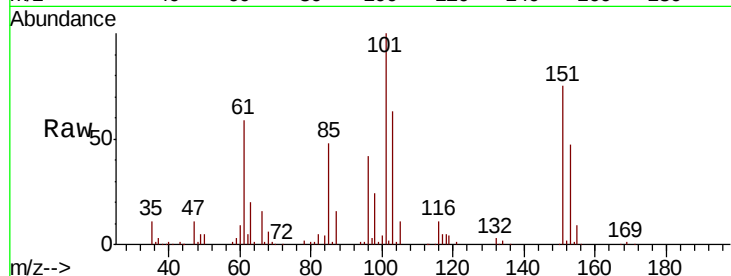
Tot Ion:101 Resp: 193487

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

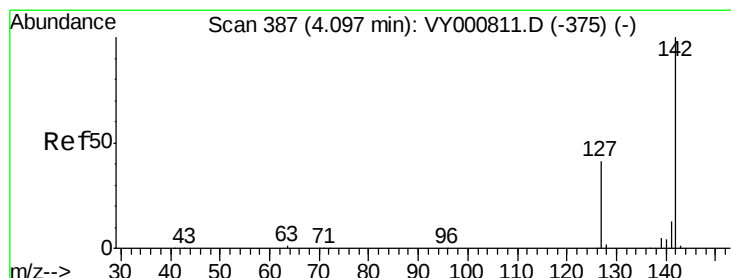
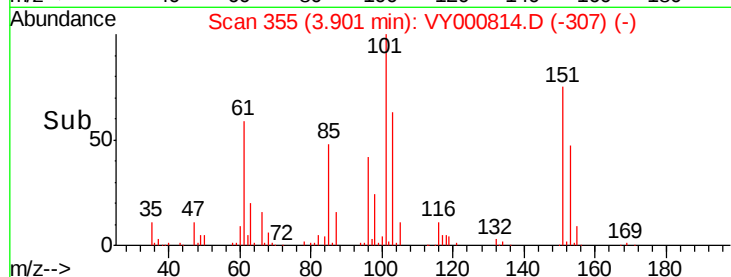
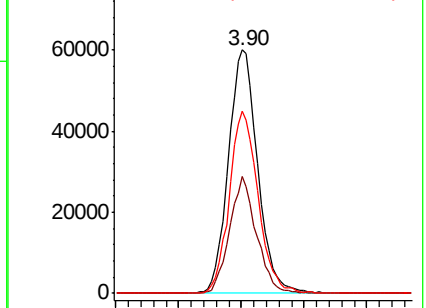
151 73.7 58.2 87.2



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: 50.293 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

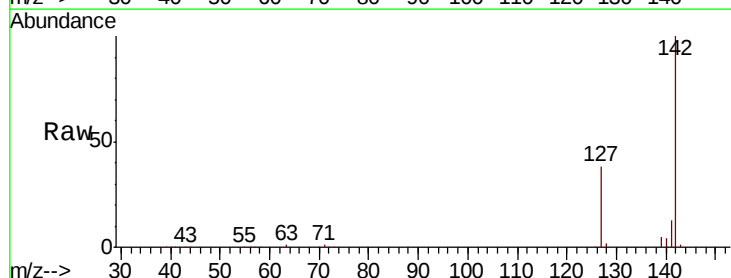
Tgt Ion:142 Resp: 255910

Ion Ratio Lower Upper

142 100

127 41.1 33.8 50.8

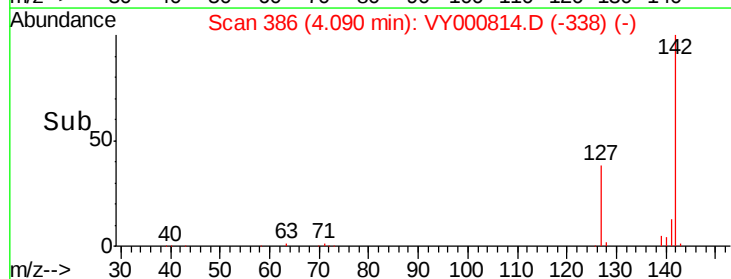
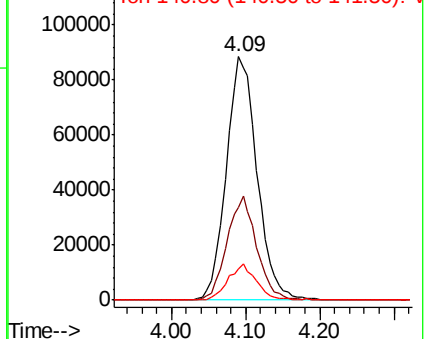
141 13.5 10.9 16.3

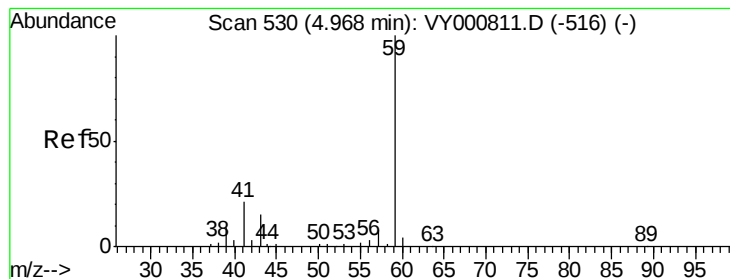


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



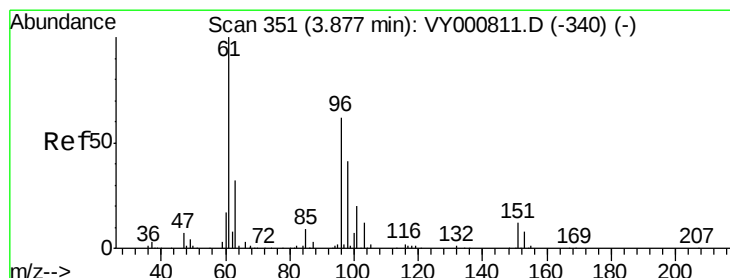
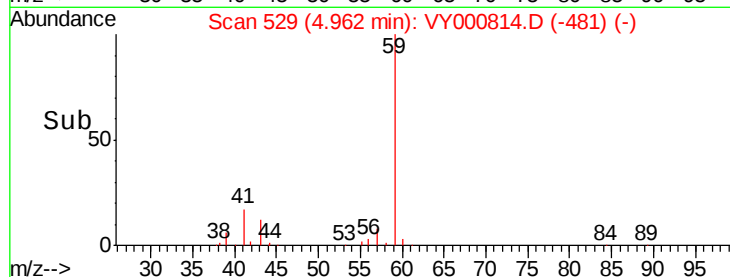
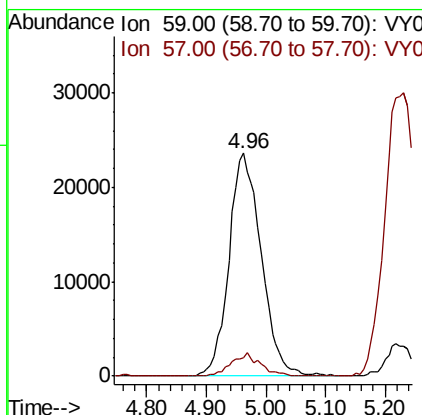
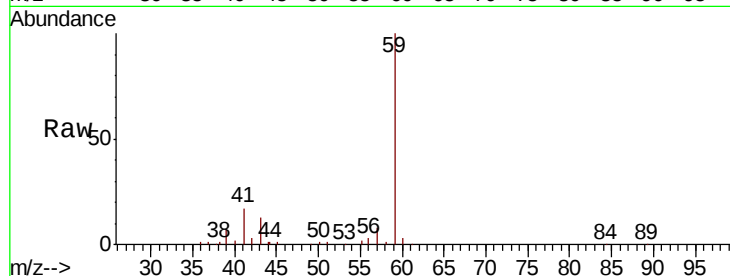


#11

Tert butyl alcohol  
 Concen: 227.883 ug/l  
 RT: 4.96 min Scan# 529  
 Delta R.T. -0.01 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

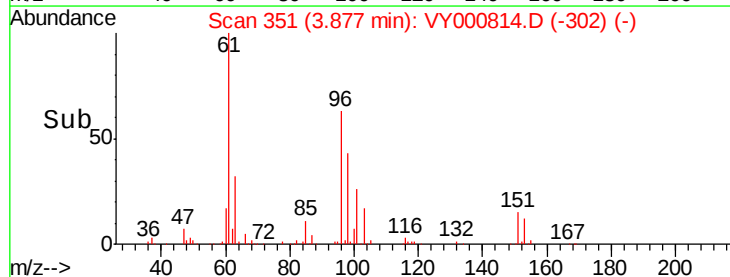
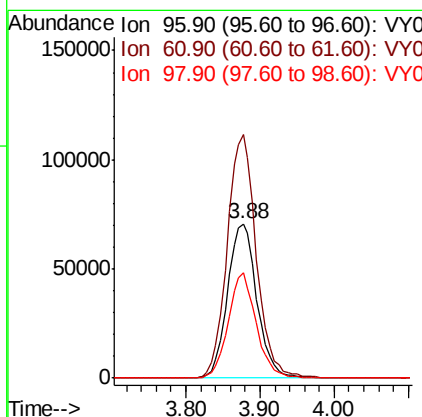
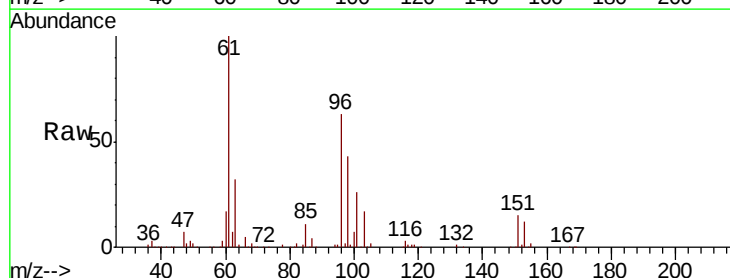
Tot Ion: 59 Resp: 88959  
 Ion Ratio Lower Upper  
 59 100  
 57 9.2 7.8 11.6

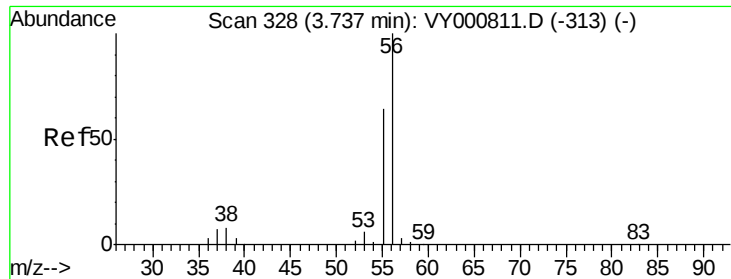


#12

1,1-Dichloroethene  
 Concen: 48.673 ug/l  
 RT: 3.88 min Scan# 351  
 Delta R.T. -0.00 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

Tgt Ion: 96 Resp: 194876  
 Ion Ratio Lower Upper  
 96 100  
 61 157.9 129.4 194.2  
 98 68.7 53.4 80.0

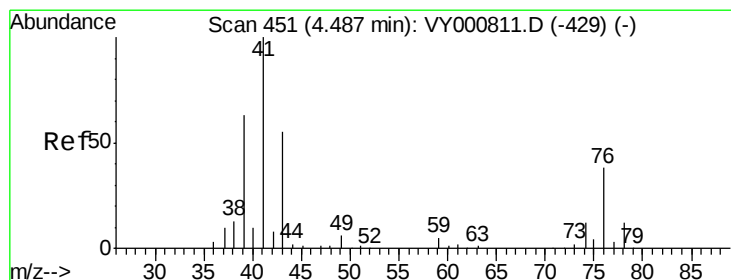
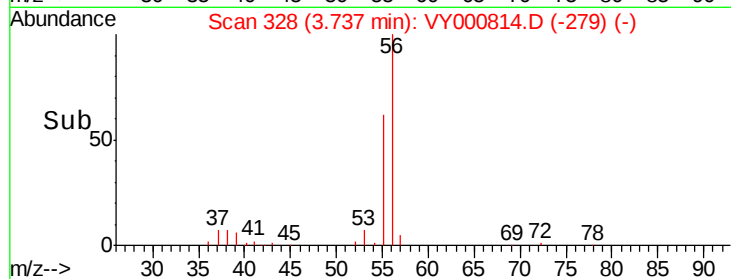
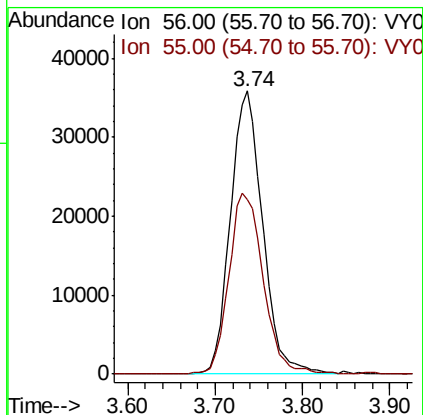
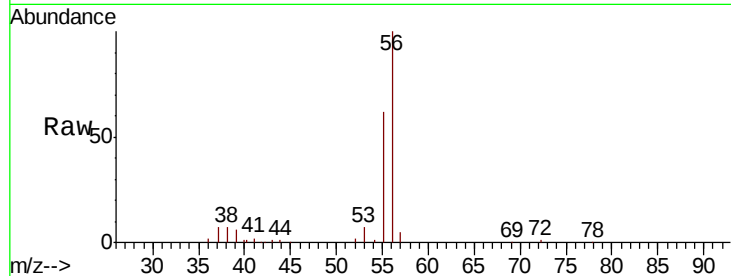




#13  
 Acrolein  
 Concen: 238.899 ug/l  
 RT: 3.74 min Scan# 328  
 Delta R.T. -0.00 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

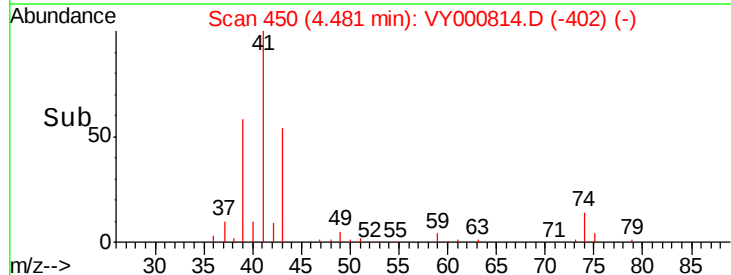
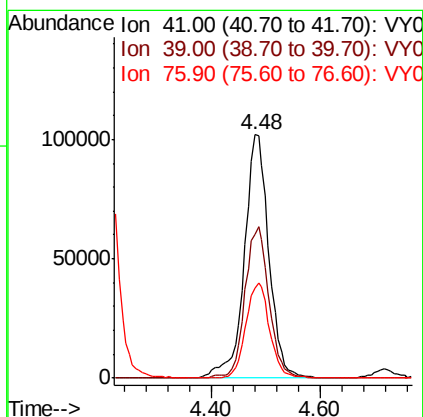
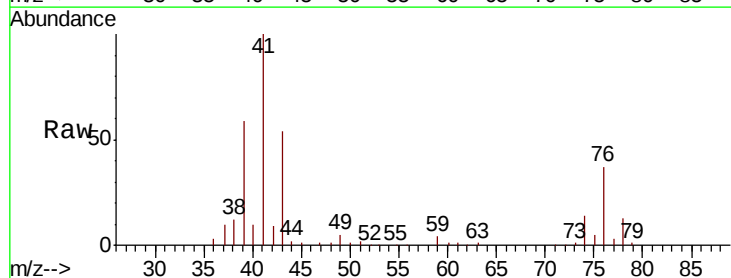
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

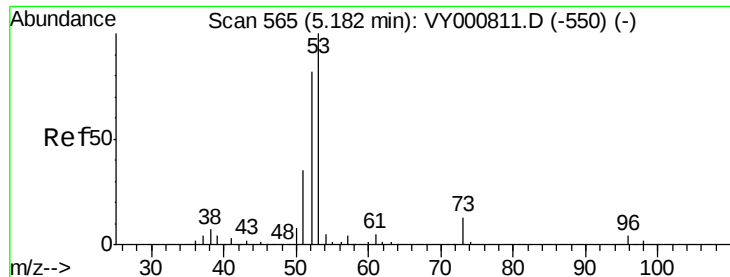
Tot Ion: 56 Resp: 91867  
 Ion Ratio Lower Upper  
 56 100  
 55 68.2 55.7 83.5



#14  
 Allyl chloride  
 Concen: 46.686 ug/l  
 RT: 4.48 min Scan# 450  
 Delta R.T. -0.01 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

Tgt Ion: 41 Resp: 320507  
 Ion Ratio Lower Upper  
 41 100  
 39 60.9 49.2 73.8  
 76 37.8 29.2 43.8





#15

Acrylonitrile

Concen: 237.402 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

ClientSampleId :

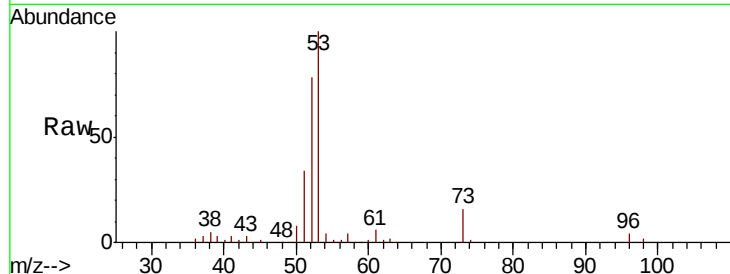
Tot Ion: 53 Resp: 301958

Ion Ratio Lower Upper

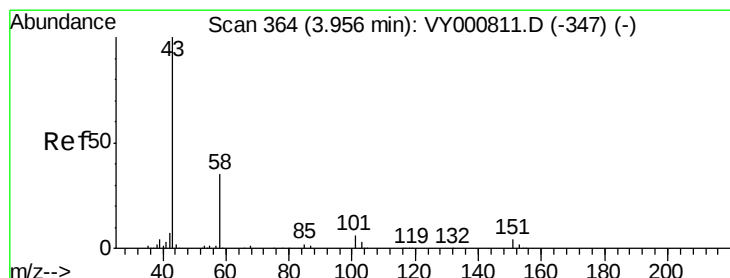
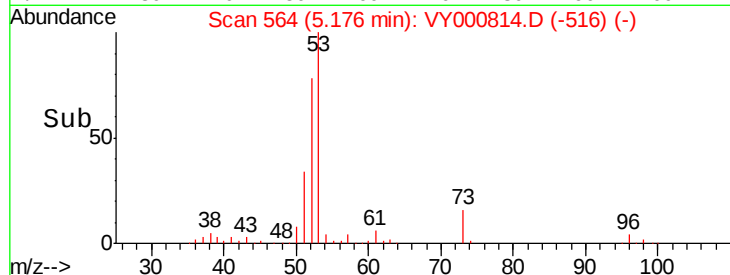
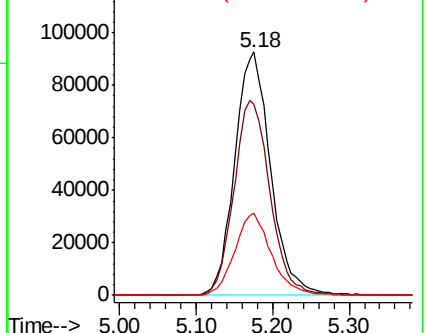
53 100

52 80.4 65.1 97.7

51 34.7 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY0  
Ion 52.00 (51.70 to 52.70): VY0  
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 232.173 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000814.D

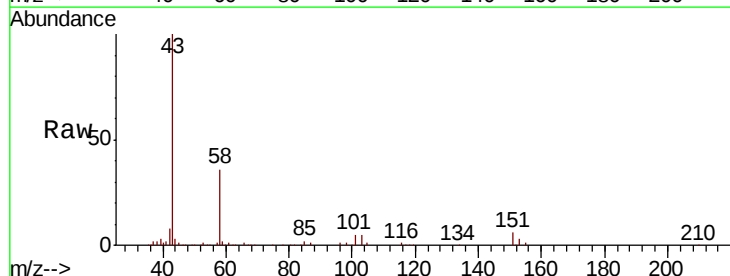
Acq: 27 Nov 2019 13:00

Tgt Ion: 43 Resp: 206657

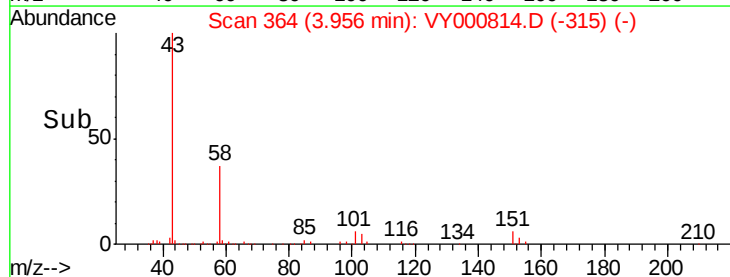
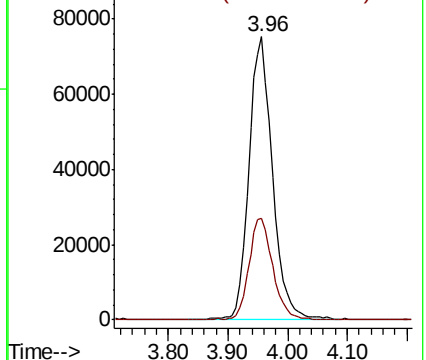
Ion Ratio Lower Upper

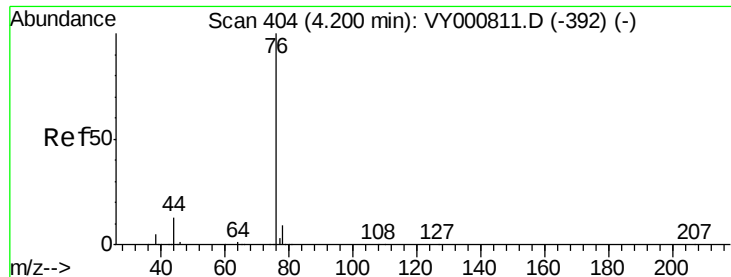
43 100

58 35.9 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY0  
Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 48.775 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

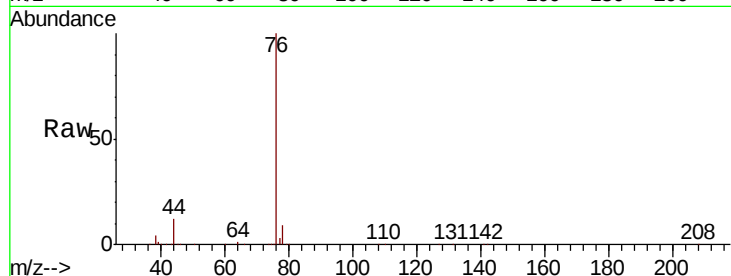
ClientSampled :

Tot Ion: 76 Resp: 631604

Ion Ratio Lower Upper

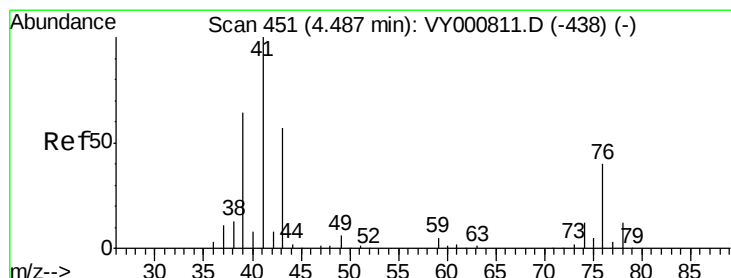
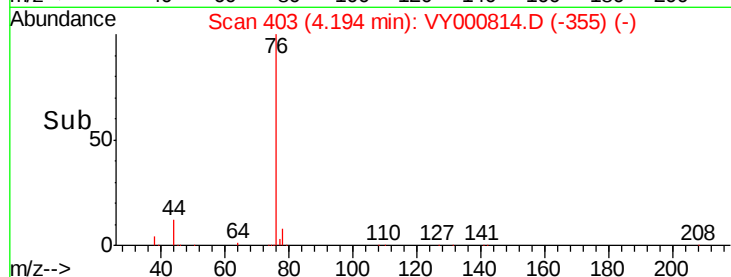
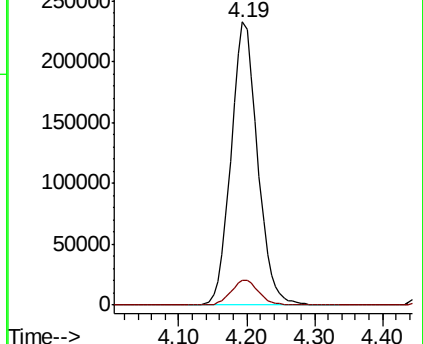
76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 44.363 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000814.D

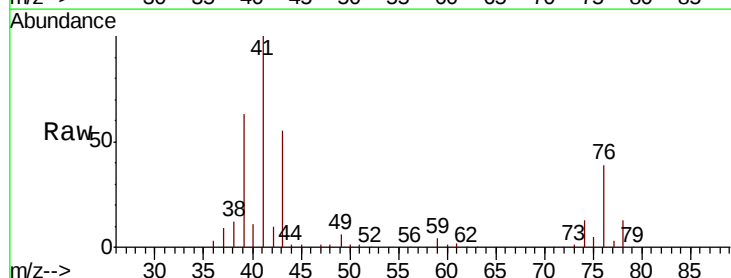
Acq: 27 Nov 2019 13:00

Tgt Ion: 43 Resp: 165108

Ion Ratio Lower Upper

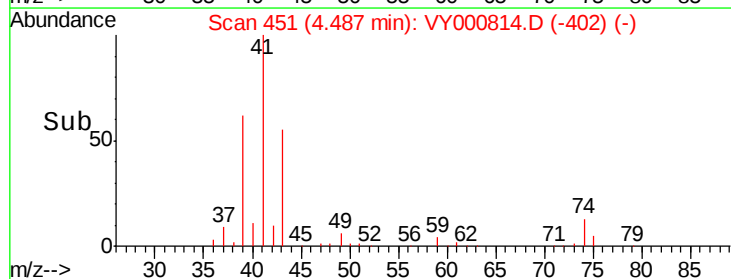
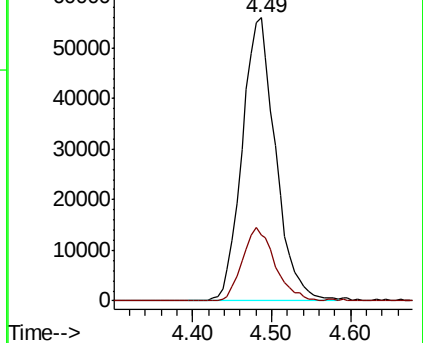
43 100

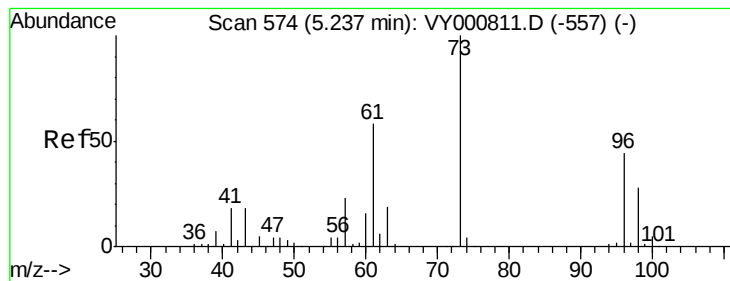
74 25.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



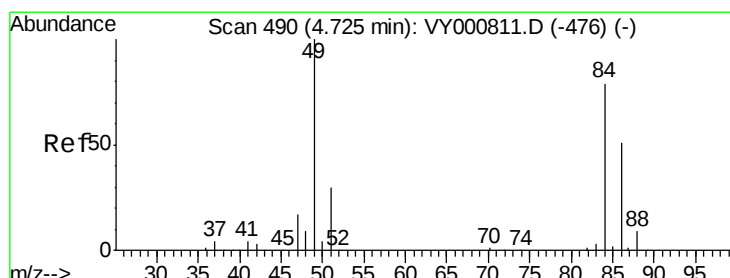
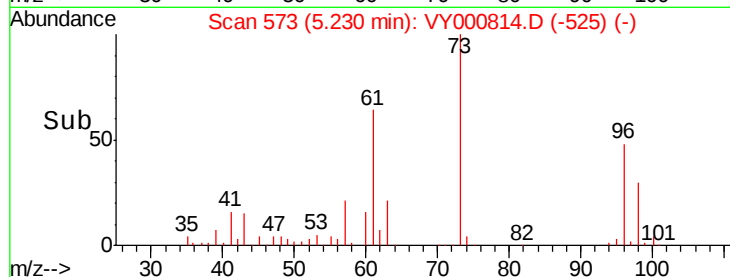
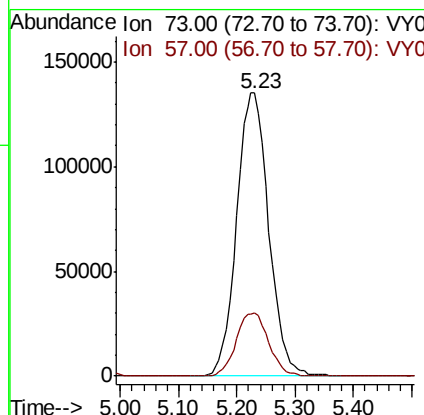
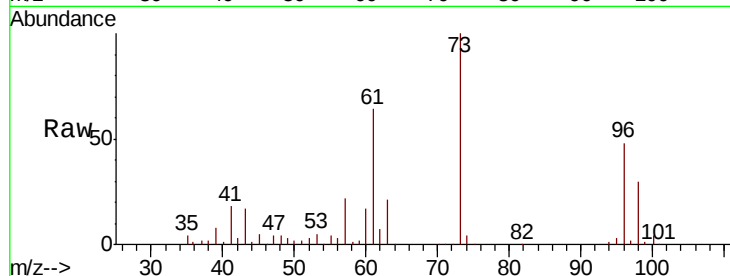


#19

Methyl tert-butyl Ether  
 Concen: 48.197 ug/l  
 RT: 5.23 min Scan# 573  
 Delta R.T. -0.01 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

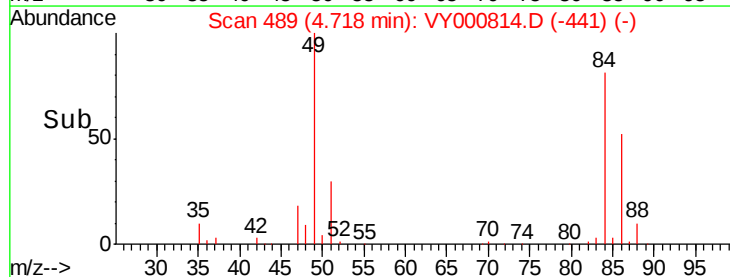
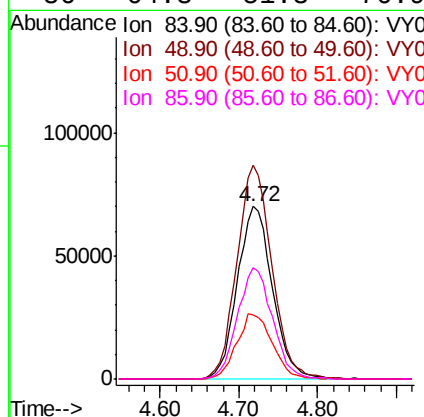
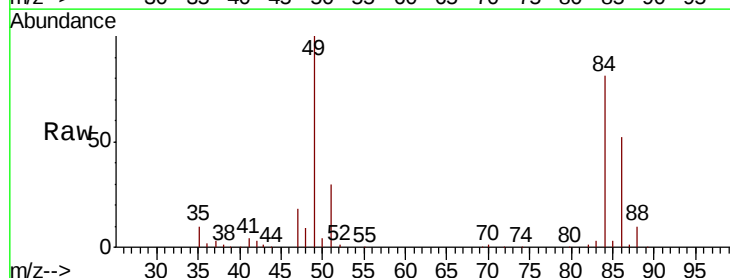
Tot Ion: 73 Resp: 515361  
 Ion Ratio Lower Upper  
 73 100  
 57 22.2 18.2 27.4

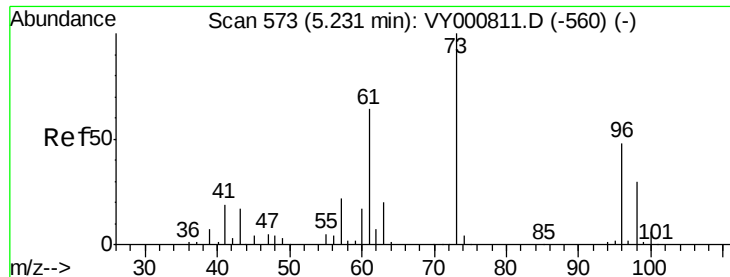


#20

Methylene Chloride  
 Concen: 46.094 ug/l  
 RT: 4.72 min Scan# 489  
 Delta R.T. -0.01 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

Tgt Ion: 84 Resp: 216267  
 Ion Ratio Lower Upper  
 84 100  
 49 123.9 101.3 151.9  
 51 37.5 30.6 45.8  
 86 64.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.030 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

ClientSampleId :

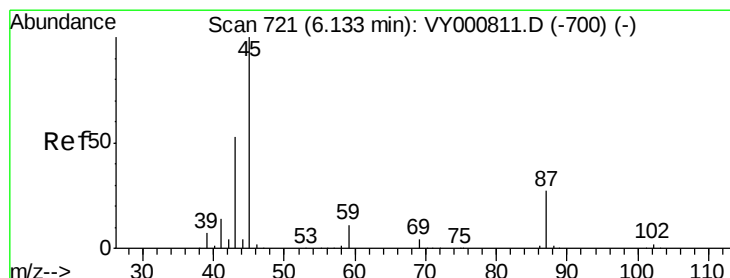
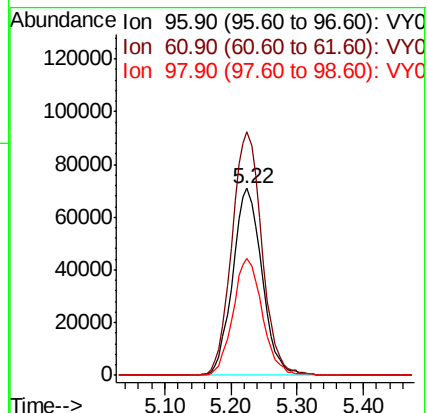
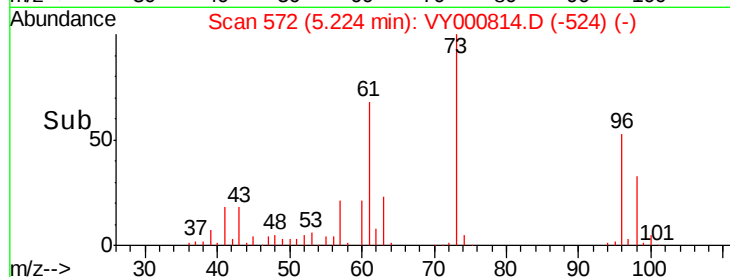
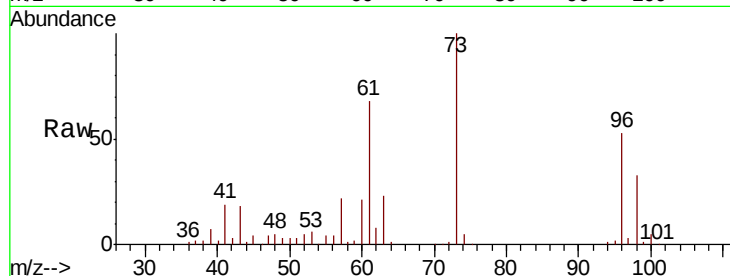
Tot Ion: 96 Resp: 218573

Ion Ratio Lower Upper

96 100

61 130.1 105.9 158.9

98 62.2 49.4 74.2



#22

Diisopropyl ether

Concen: 46.051 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Tgt Ion: 45 Resp: 649775

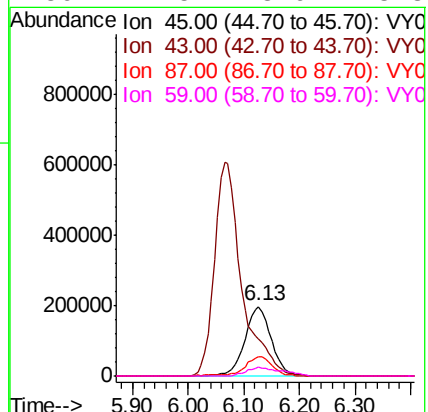
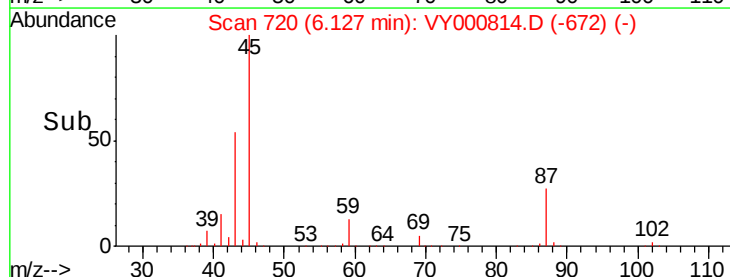
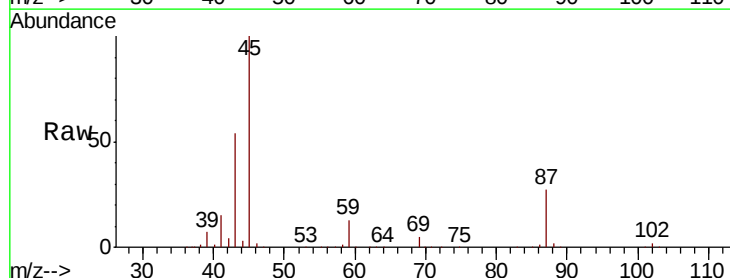
Ion Ratio Lower Upper

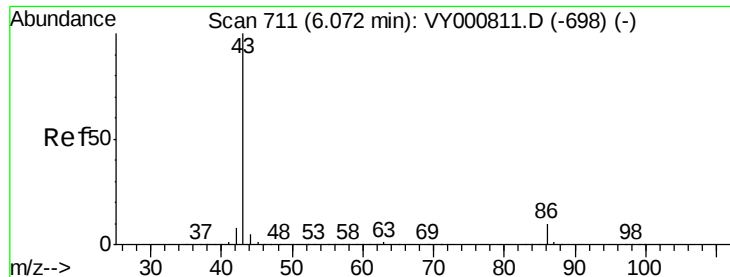
45 100

43 53.5 42.7 64.1

87 27.3 22.0 33.0

59 12.5 8.9 13.3





#23

Vinyl Acetate

Concen: 240.228 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

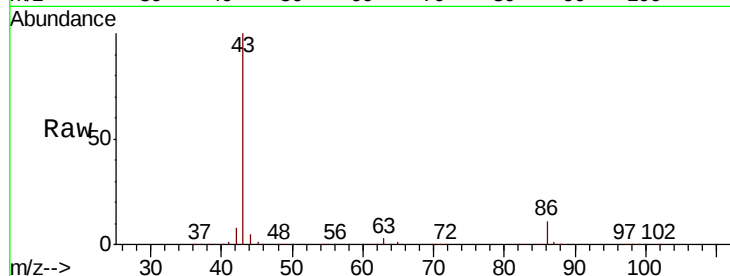
ClientSampleId :

Tot Ion: 43 Resp: 2060660

Ion Ratio Lower Upper

43 100

86 11.1 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

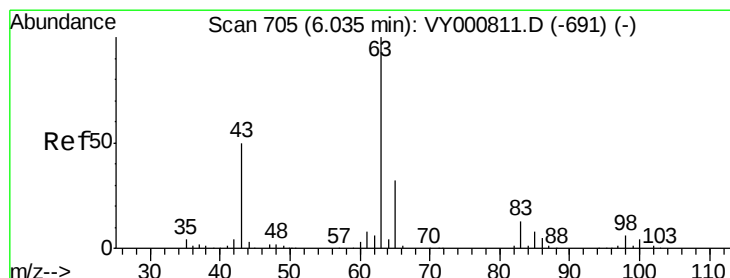
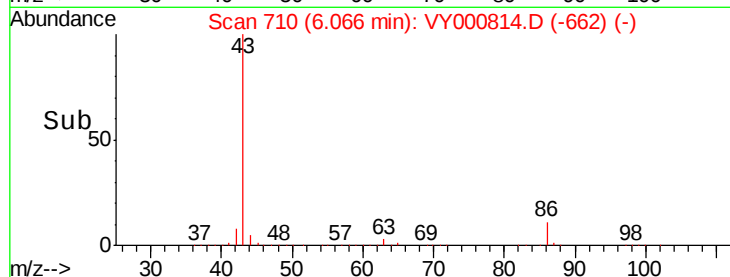
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.144 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

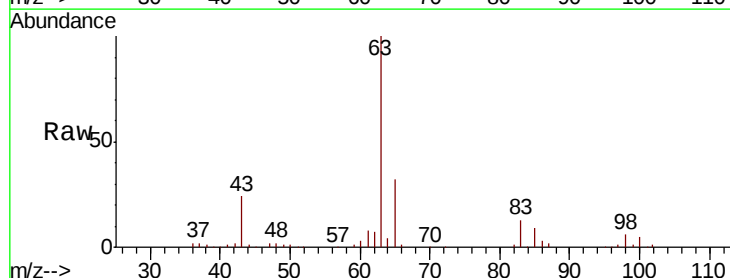
Tgt Ion: 63 Resp: 366631

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.8 2.2 6.6



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

6.02

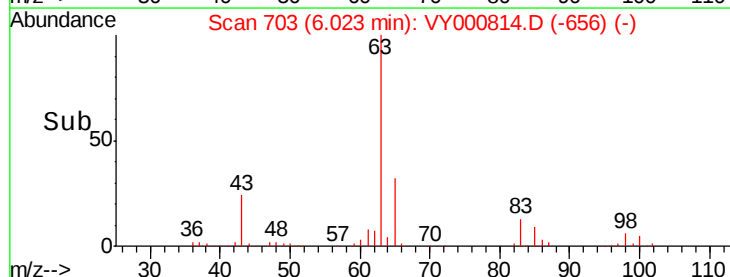
150000

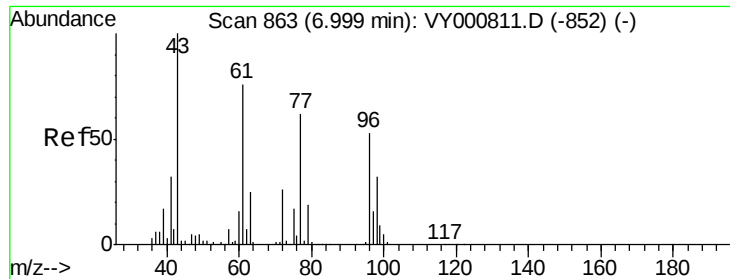
100000

50000

0

Time-->





#25

2-Butanone

Concen: 238.823 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

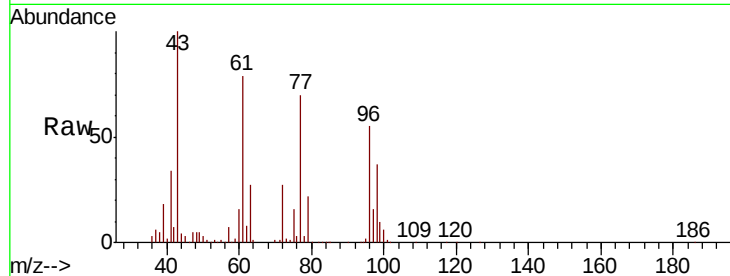
ClientSampleId :

Tot Ion: 43 Resp: 392686

Ion Ratio Lower Upper

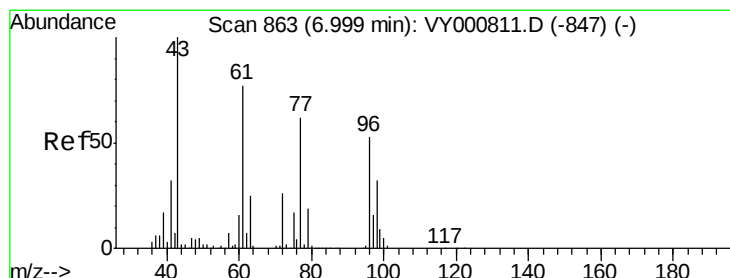
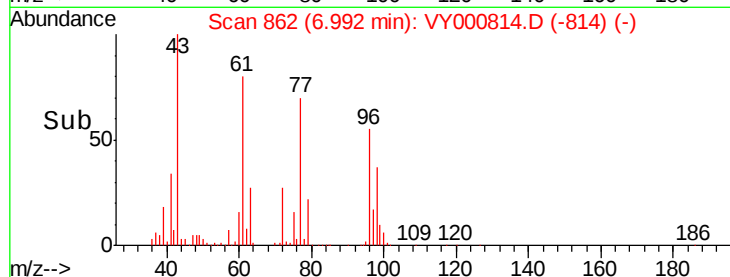
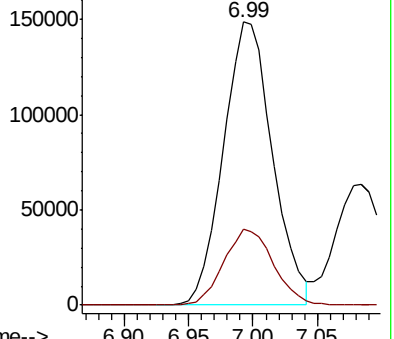
43 100

72 26.7 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 47.870 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000814.D

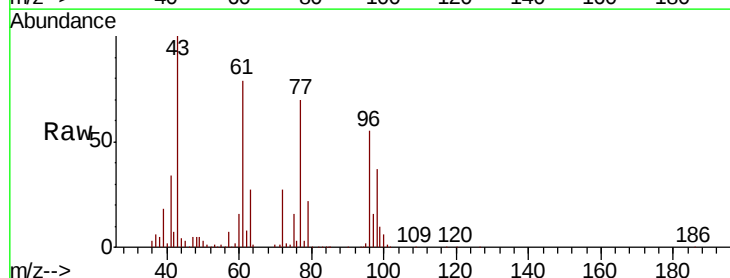
Acq: 27 Nov 2019 13:00

Tgt Ion: 77 Resp: 313327

Ion Ratio Lower Upper

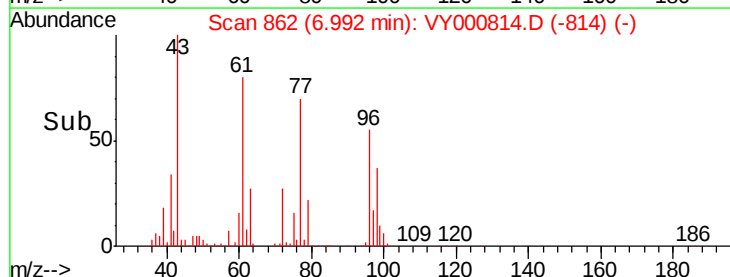
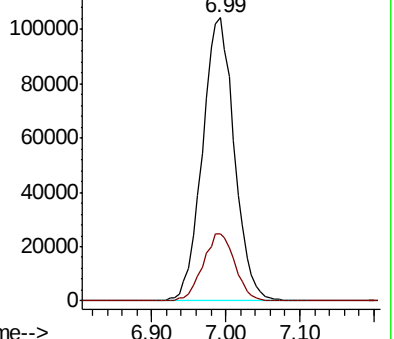
77 100

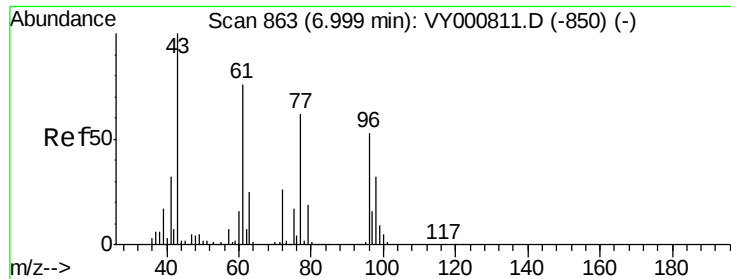
97 23.6 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



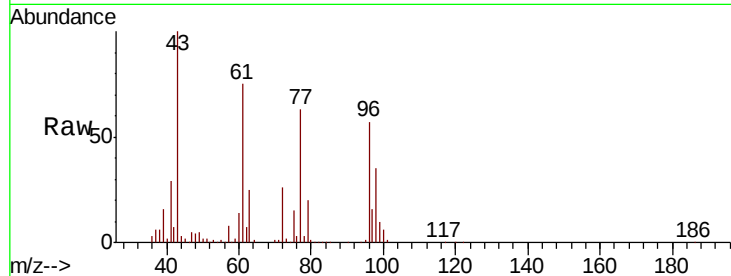


#27

cis-1,2-Dichloroethene  
Concen: 47.914 ug/l  
RT: 7.00 min Scan# 863  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Instrument :  
MSVOA\_Y  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 140.3 | 0.0   | 285.0 |
| 98      | 64.9  | 0.0   | 128.0 |

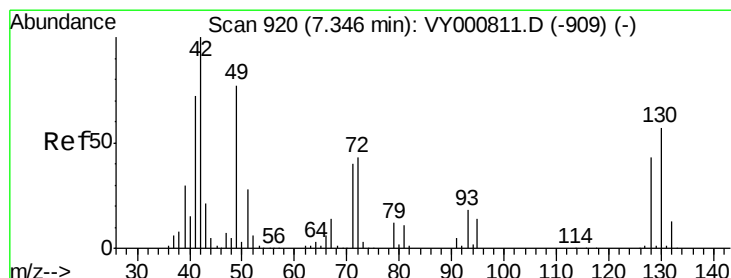
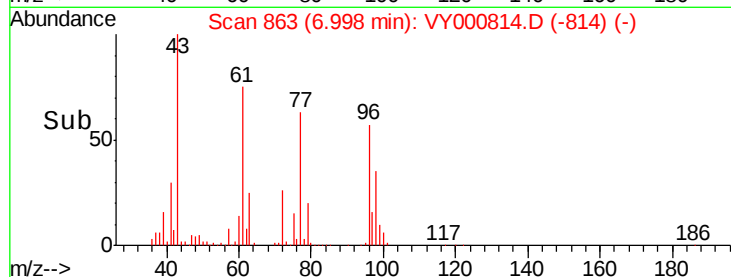
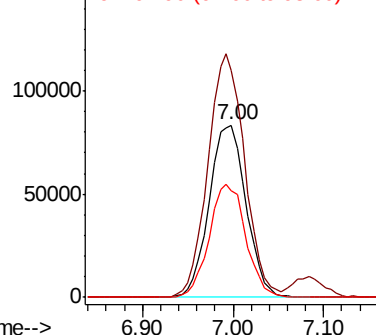


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

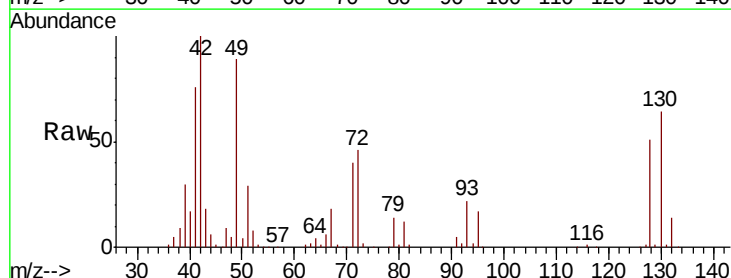
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane  
Concen: 51.034 ug/l  
RT: 7.34 min Scan# 919  
Delta R.T. -0.01 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.8   | 0.0   | 3.8   |
| 130     | 71.9  | 58.7  | 88.1  |

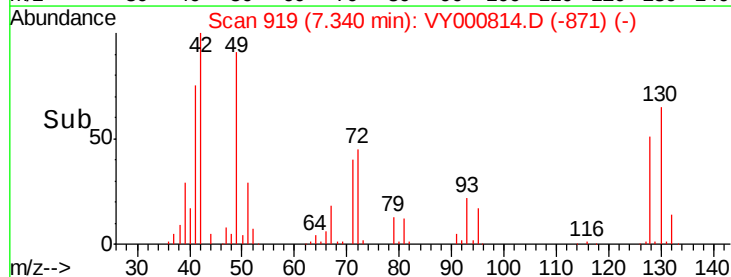
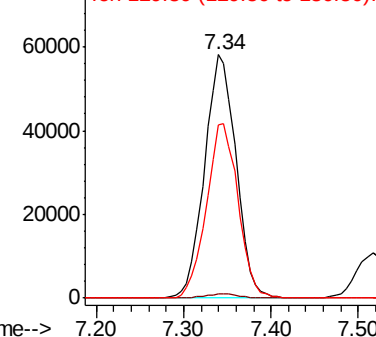


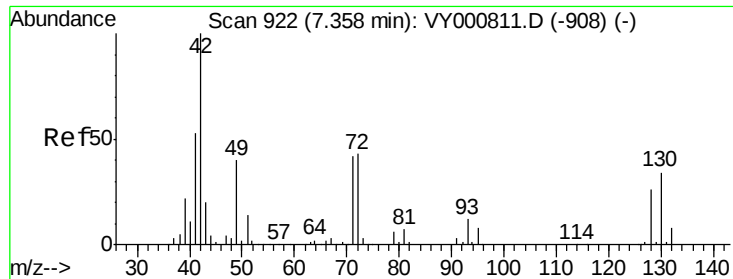
Abundance

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

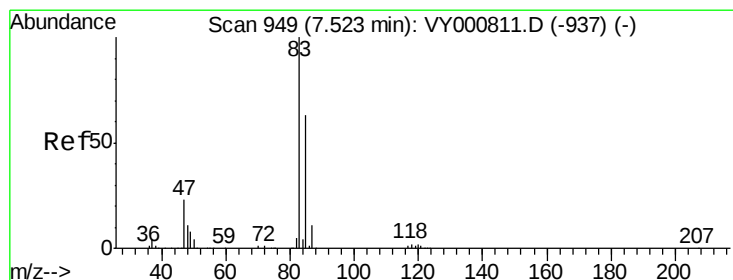
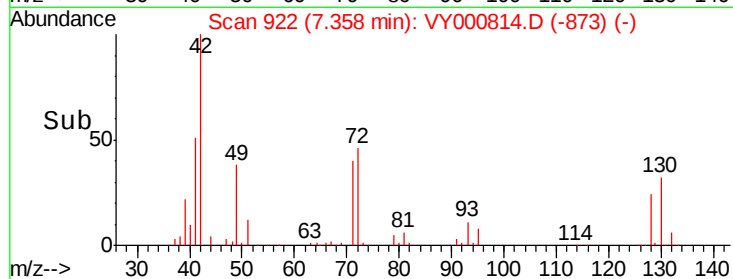
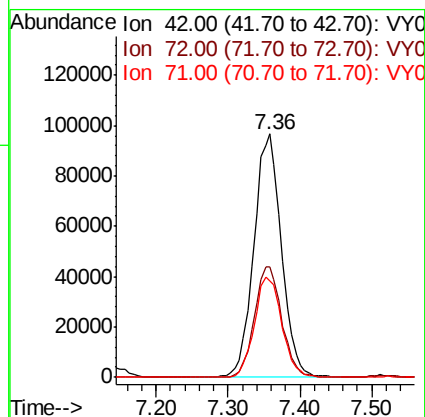
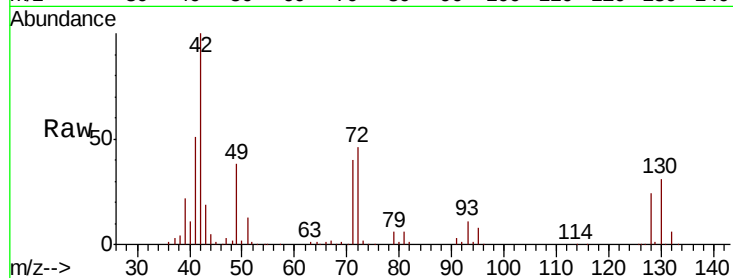




#29  
Tetrahydrofuran  
Concen: 236.124 ug/l  
RT: 7.36 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

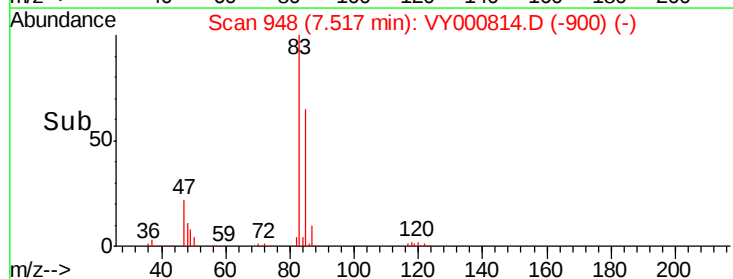
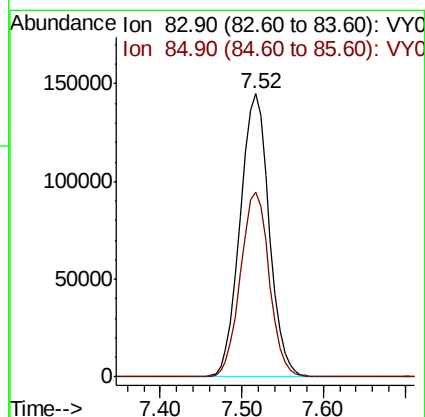
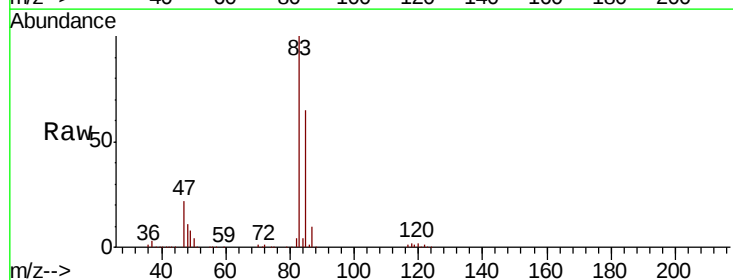
Instrument :  
MSVOA\_Y  
ClientSampled :

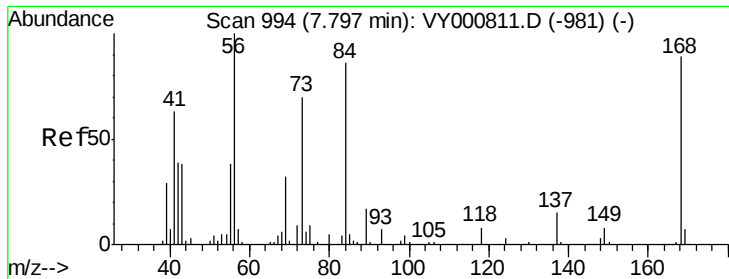
Tot Ion: 42 Resp: 257273  
Ion Ratio Lower Upper  
42 100  
72 45.1 35.1 52.7  
71 41.2 32.8 49.2



#30  
Chloroform  
Concen: 45.819 ug/l  
RT: 7.52 min Scan# 948  
Delta R.T. -0.01 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Tgt Ion: 83 Resp: 357454  
Ion Ratio Lower Upper  
83 100  
85 65.2 50.4 75.6

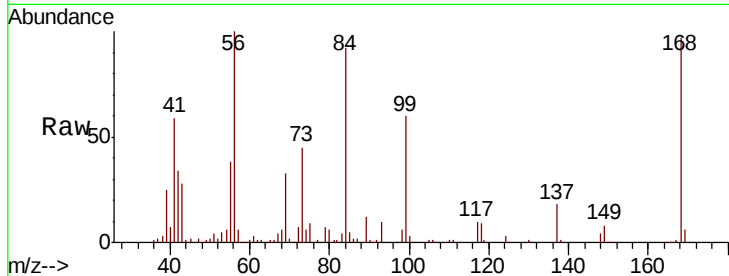




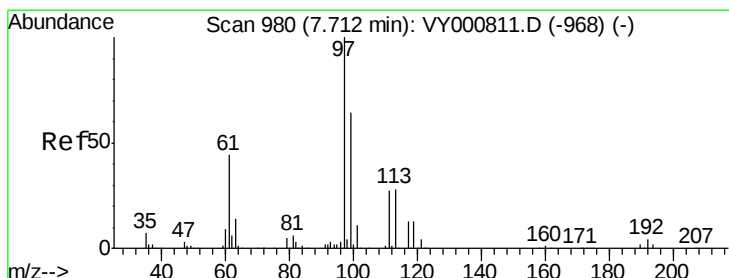
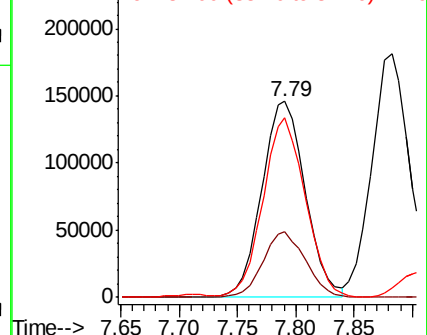
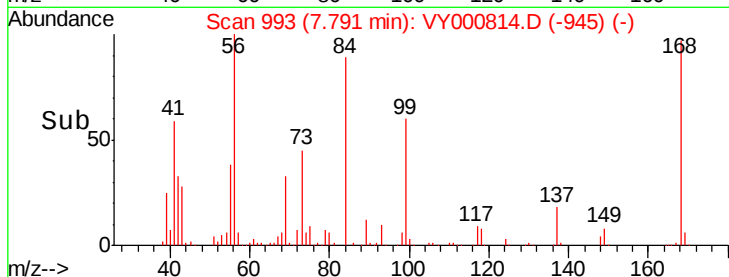
#31  
Cyclohexane  
Concen: 45.969 ug/l  
RT: 7.79 min Scan# 993  
Delta R.T. -0.01 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion: 56 Resp: 378709  
Ion Ratio Lower Upper  
56 100  
69 33.4 25.9 38.9  
84 90.7 68.6 102.8

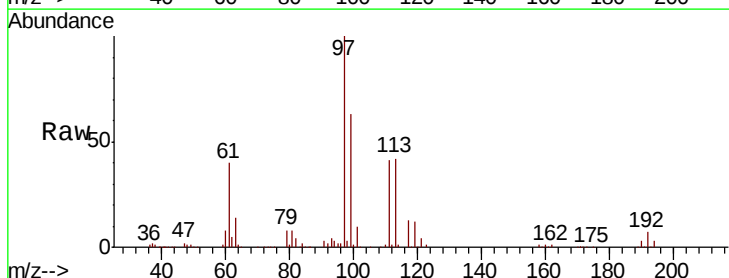


Abundance Ion 56.00 (55.70 to 56.70): VY0  
Ion 69.00 (68.70 to 69.70): VY0  
Ion 84.00 (83.70 to 84.70): VY0

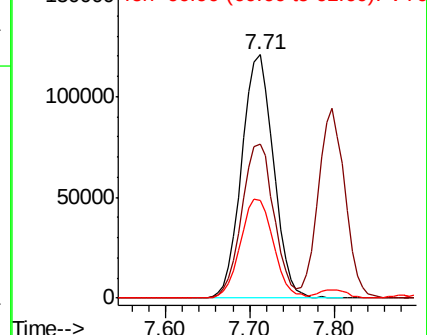
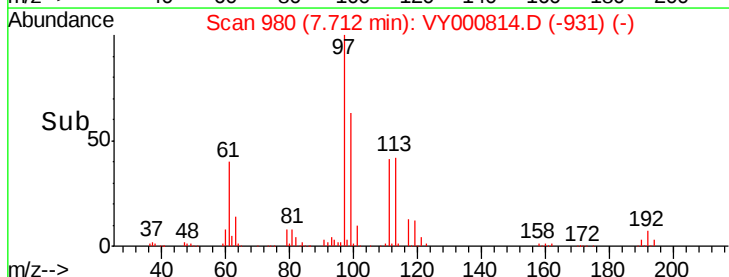


#32  
1,1,1-Trichloroethane  
Concen: 47.853 ug/l  
RT: 7.71 min Scan# 980  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Tgt Ion: 97 Resp: 308272  
Ion Ratio Lower Upper  
97 100  
99 64.0 51.7 77.5  
61 42.0 35.0 52.6



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

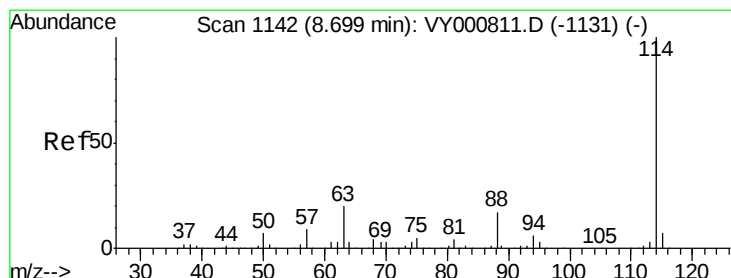
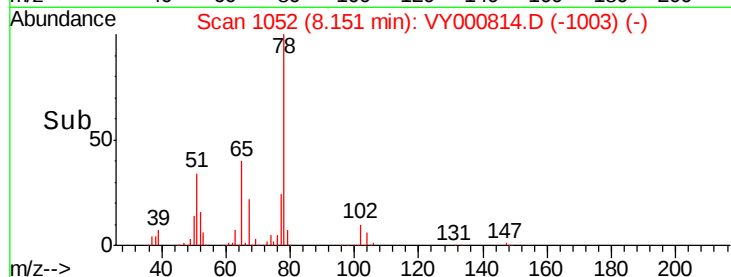
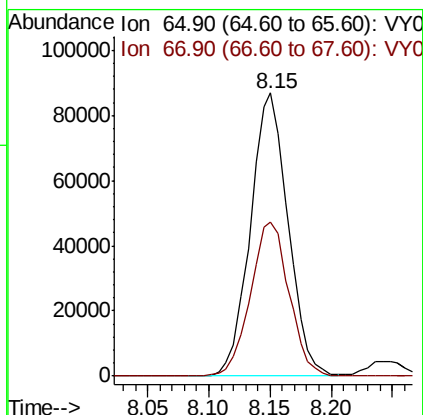
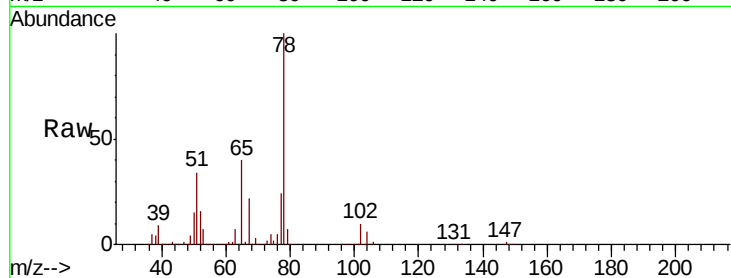




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.952 ug/l  
 RT: 8.15 min Scan# 1052  
 Delta R.T. -0.00 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

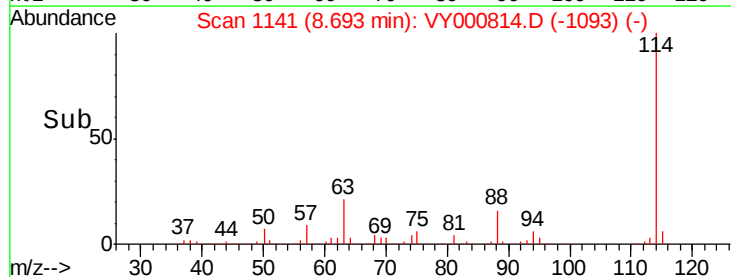
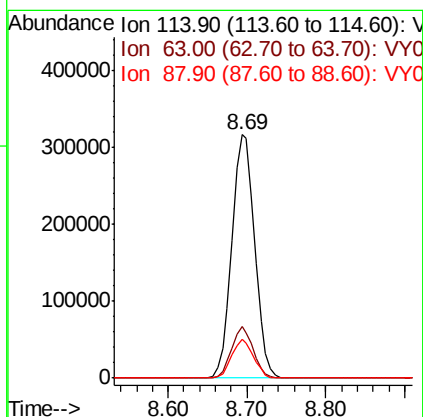
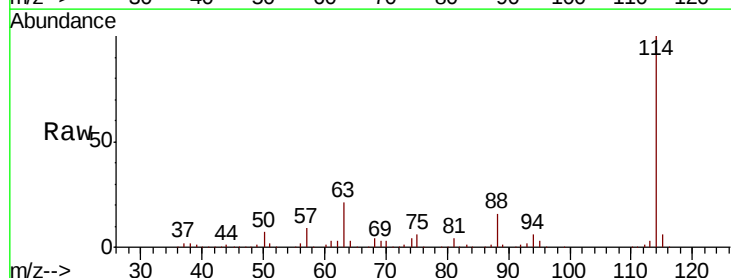
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

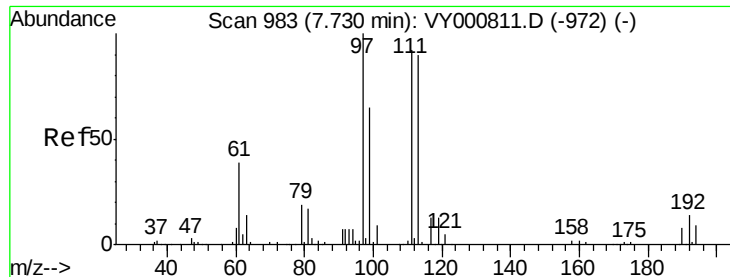
Tot Ion: 65 Resp: 186061  
 Ion Ratio Lower Upper  
 65 100  
 67 55.8 0.0 112.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1141  
 Delta R.T. -0.01 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

Tgt Ion: 114 Resp: 635934  
 Ion Ratio Lower Upper  
 114 100  
 63 21.2 0.0 39.8  
 88 15.7 0.0 33.2

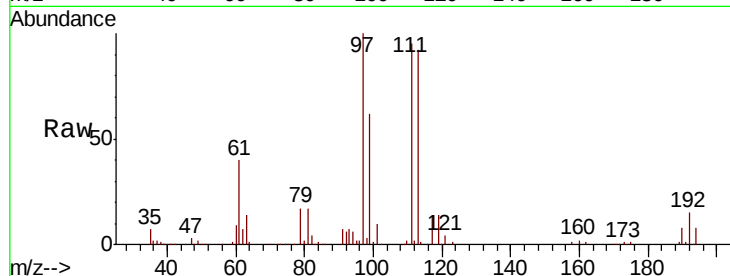




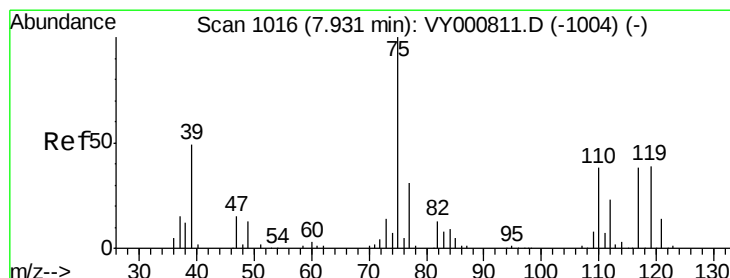
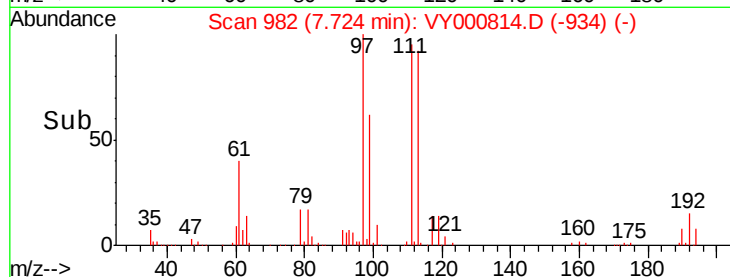
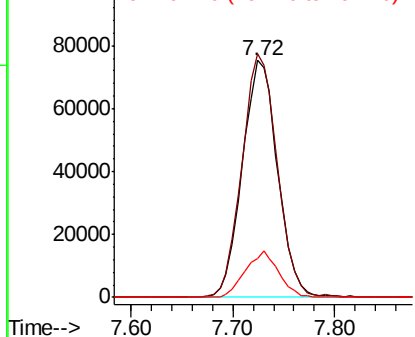
#35  
 Dibromofluoromethane  
 Concen: 48.827 ug/l  
 RT: 7.72 min Scan# 982  
 Delta R.T. -0.01 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tot Ion:113 Resp: 180964  
 Ion Ratio Lower Upper  
 113 100  
 111 102.8 82.4 123.6  
 192 18.5 14.2 21.2

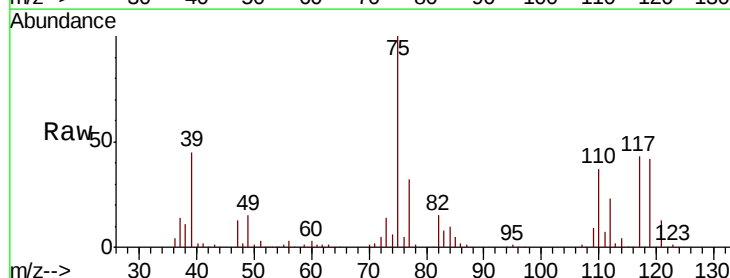


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

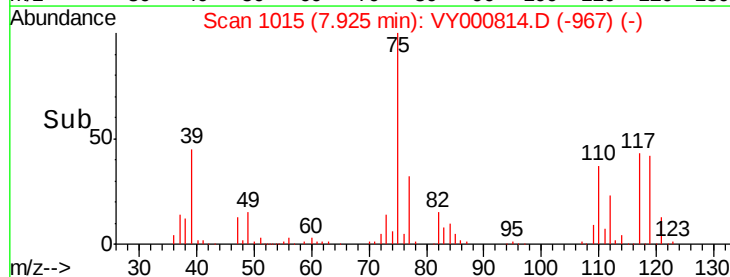
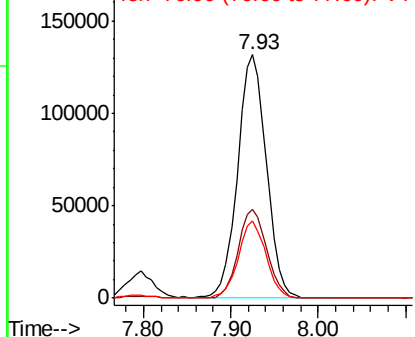


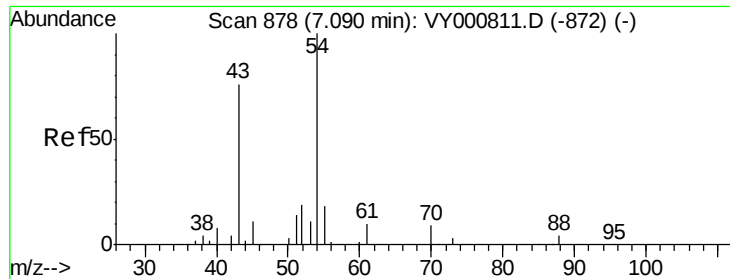
#36  
 1,1-Dichloropropene  
 Concen: 47.567 ug/l  
 RT: 7.93 min Scan# 1015  
 Delta R.T. -0.01 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

Tgt Ion: 75 Resp: 300774  
 Ion Ratio Lower Upper  
 75 100  
 110 36.1 17.9 53.7  
 77 30.6 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VY0  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VY0

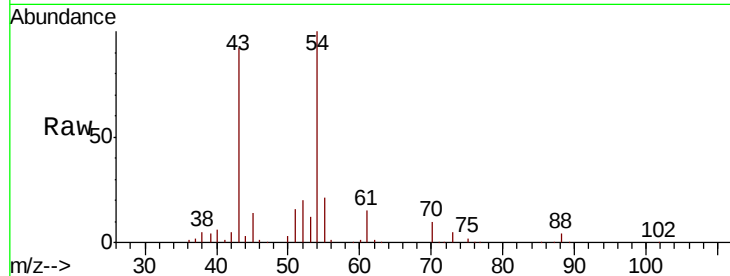




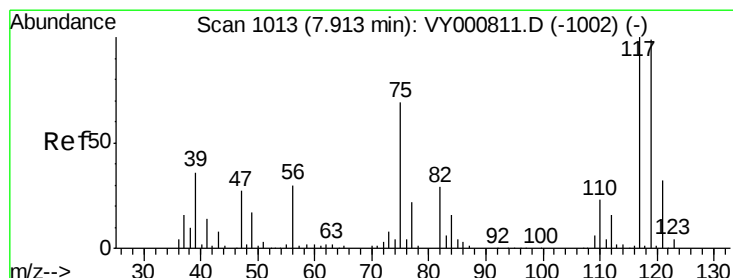
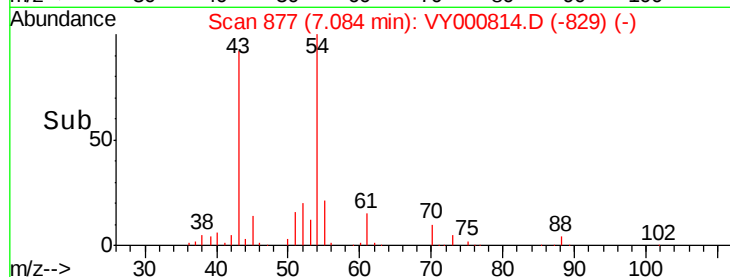
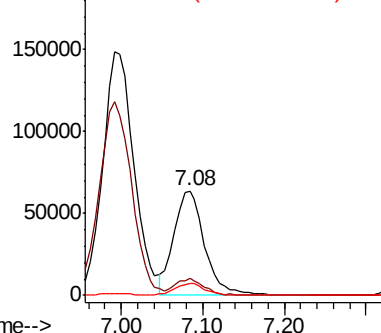
#37  
Ethyl Acetate  
Concen: 46.103 ug/l  
RT: 7.08 min Scan# 877  
Delta R.T. -0.01 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion: 43 Resp: 168325  
Ion Ratio Lower Upper  
43 100  
61 14.7 11.8 17.8  
70 10.9 8.7 13.1

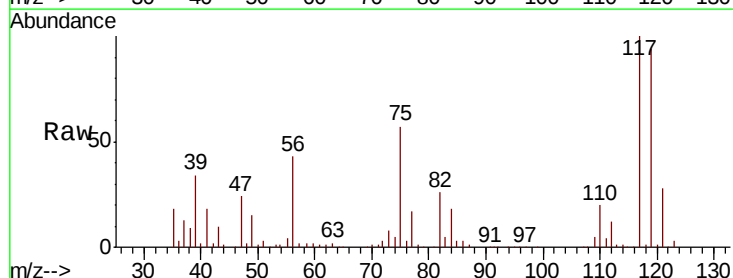


Abundance Ion 43.00 (42.70 to 43.70): VY0  
Ion 60.90 (60.60 to 61.60): VY0  
Ion 70.00 (69.70 to 70.70): VY0

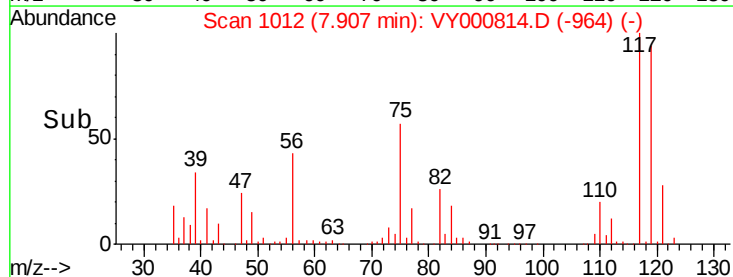
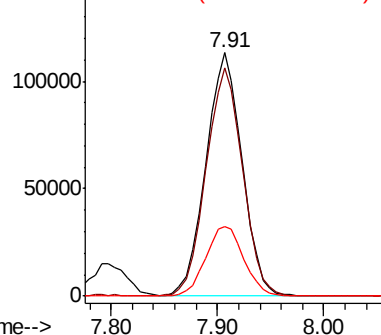


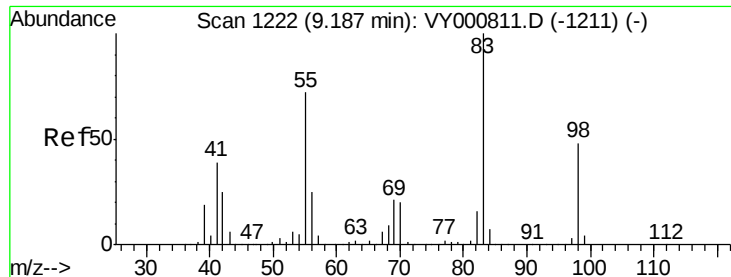
#38  
Carbon Tetrachloride  
Concen: 47.983 ug/l  
RT: 7.91 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Tgt Ion: 117 Resp: 270198  
Ion Ratio Lower Upper  
117 100  
119 93.7 79.3 118.9  
121 28.5 25.5 38.3



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

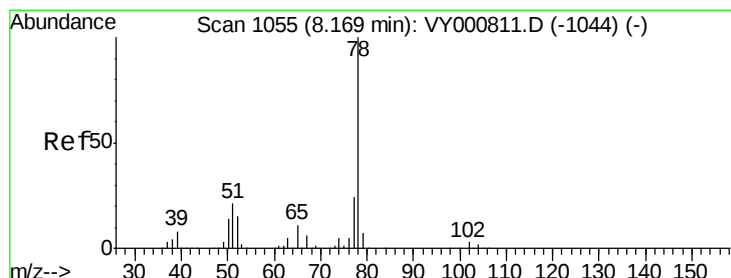
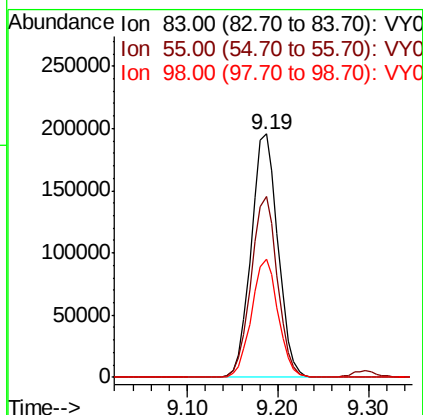
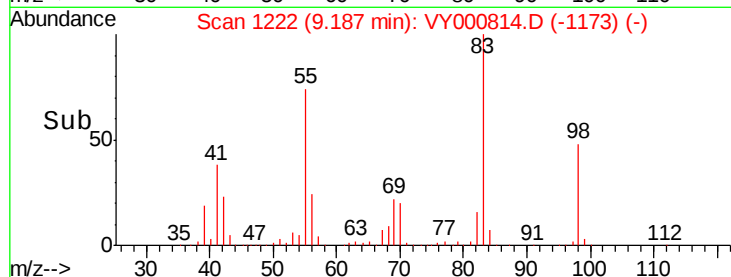
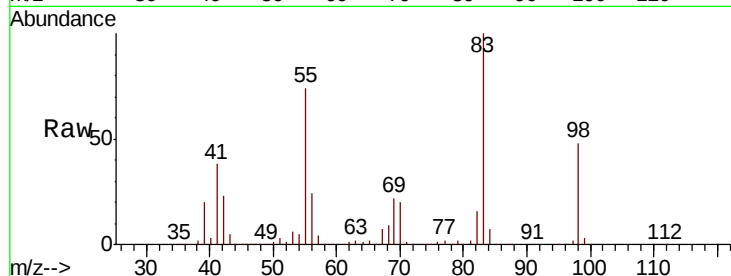




#39  
Methvlcvclohexane  
Concen: 47.681 ug/l  
RT: 9.19 min Scan# 1222  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

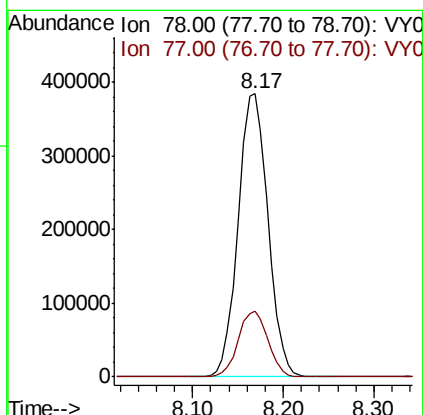
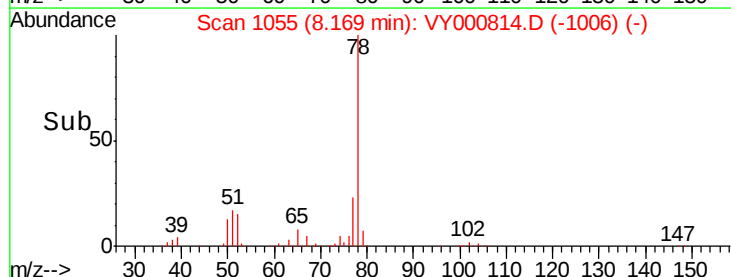
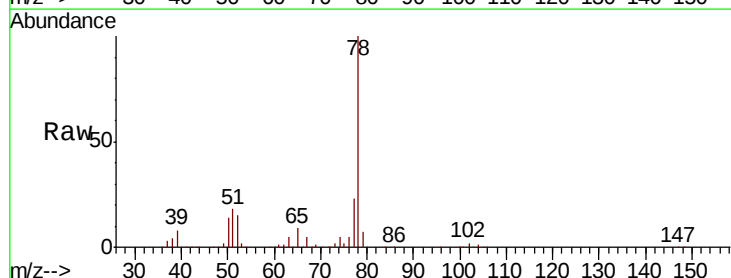
Instrument :  
MSVOA\_Y  
ClientSampled :

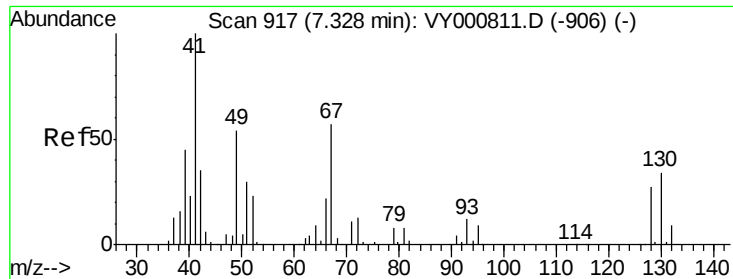
Tot Ion: 83 Resp: 399443  
Ion Ratio Lower Upper  
83 100  
55 74.3 57.8 86.6  
98 48.5 38.6 58.0



#40  
Benzene  
Concen: 47.598 ug/l  
RT: 8.17 min Scan# 1055  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Tgt Ion: 78 Resp: 876669  
Ion Ratio Lower Upper  
78 100  
77 23.3 19.2 28.8

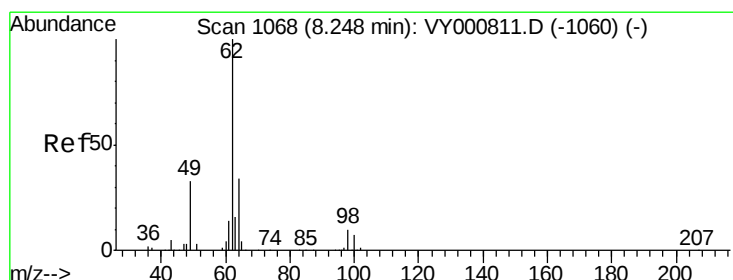
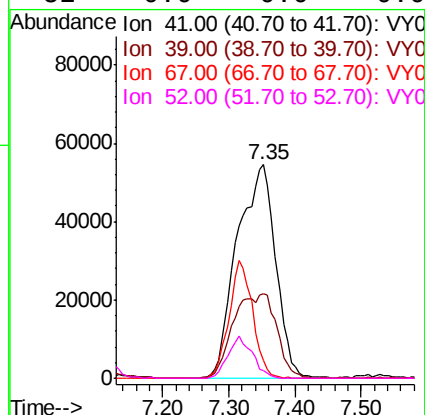
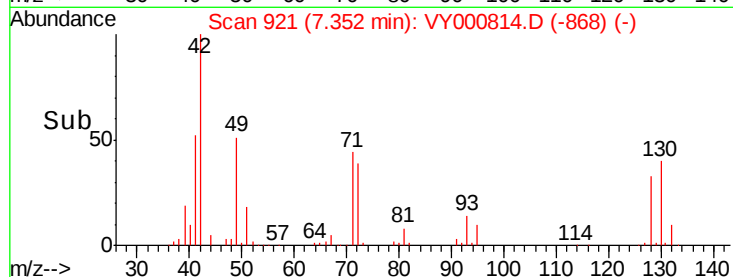
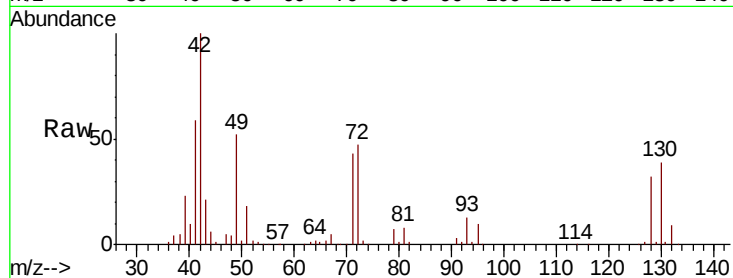




#41  
Methacrylonitrile  
Concen: 114.990 ug/l  
RT: 7.35 min Scan# 921  
Delta R.T. 0.02 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

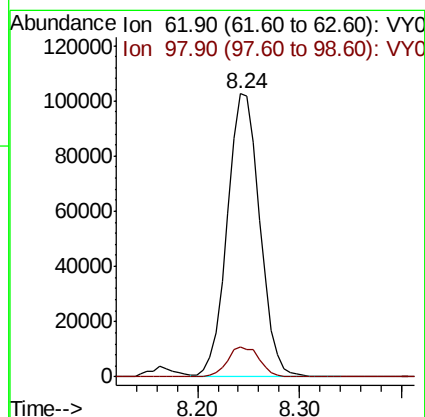
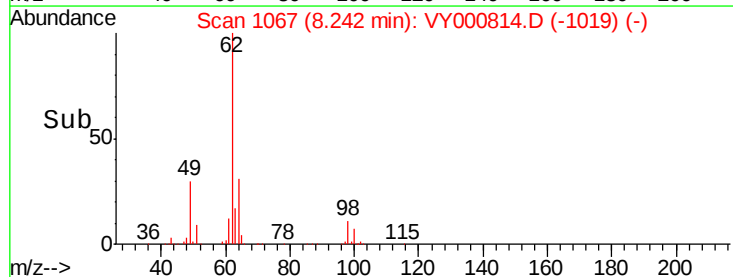
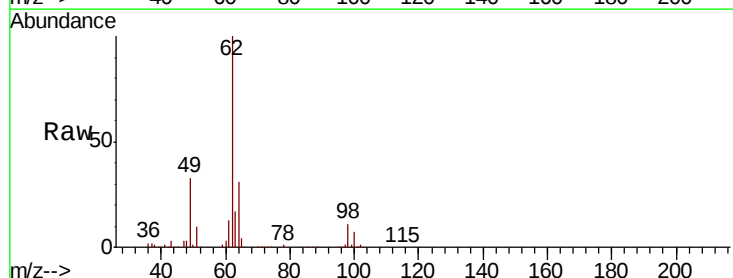
Instrument :  
MSVOA\_Y  
ClientSampleId :

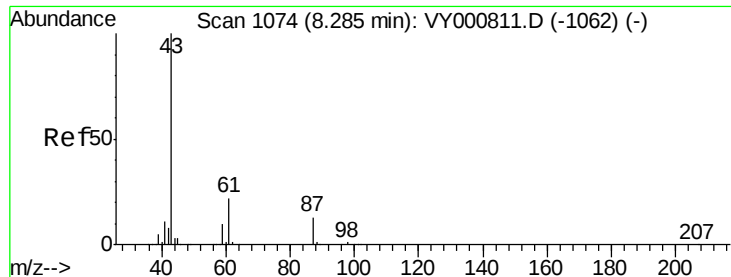
Tot Ion: 41 Resp: 221276  
Ion Ratio Lower Upper  
41 100  
39 0.0 95.7 143.5#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 46.628 ug/l  
RT: 8.24 min Scan# 1067  
Delta R.T. -0.01 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Tgt Ion: 62 Resp: 225857  
Ion Ratio Lower Upper  
62 100  
98 10.6 0.0 21.4

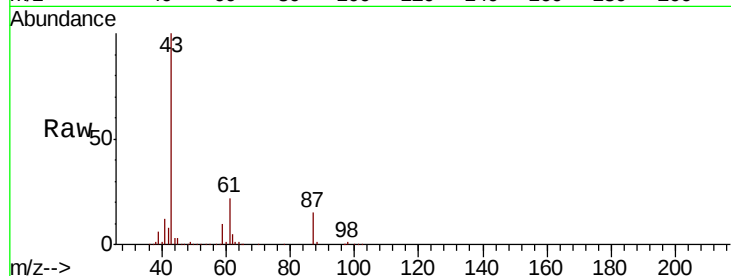




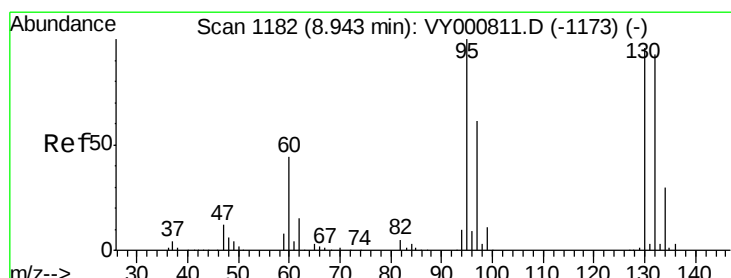
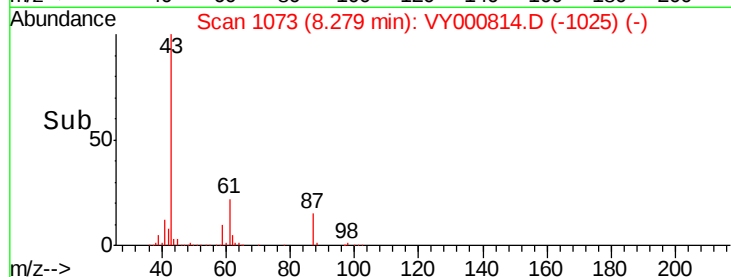
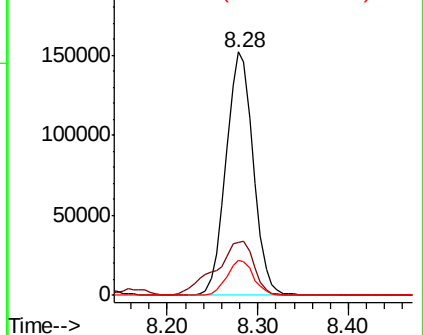
#43  
Isopropyl Acetate  
Concen: 46.075 ug/l  
RT: 8.28 min Scan# 1073  
Delta R.T. -0.01 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 43 Resp: 317012  
Ion Ratio Lower Upper  
43 100  
61 31.1 23.7 35.5  
87 14.1 10.6 15.8

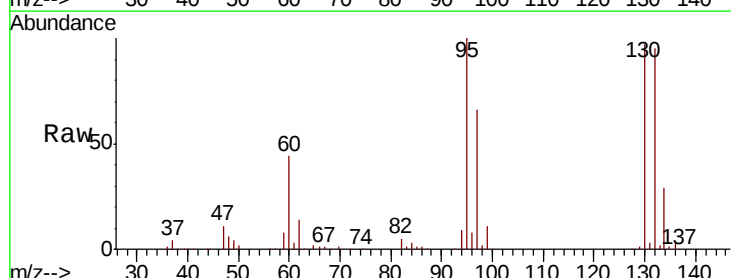


Abundance Ion 43.00 (42.70 to 43.70): VY0  
Ion 61.00 (60.70 to 61.70): VY0  
Ion 87.00 (86.70 to 87.70): VY0

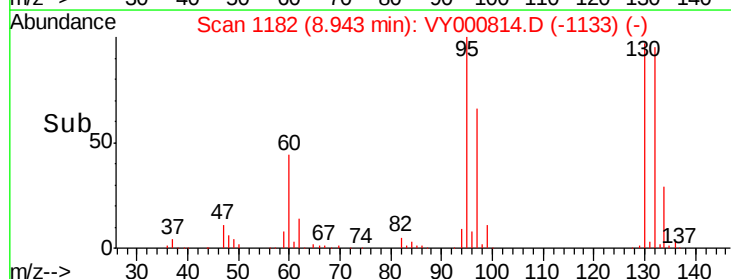
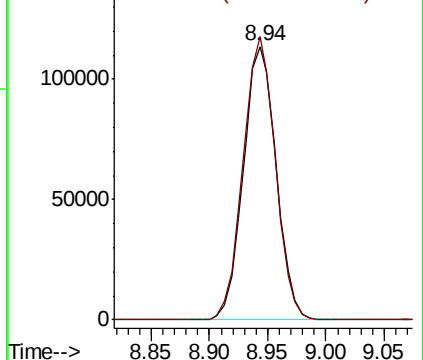


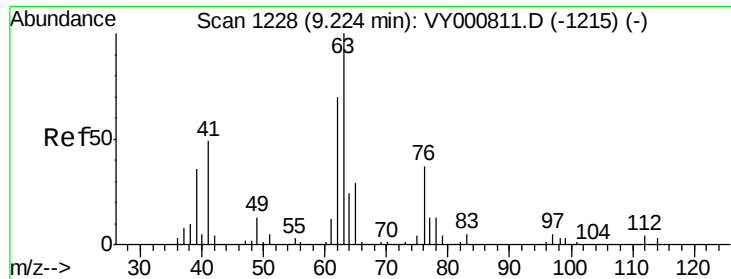
#44  
Trichloroethene  
Concen: 47.273 ug/l  
RT: 8.94 min Scan# 1182  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Tgt Ion:130 Resp: 223764  
Ion Ratio Lower Upper  
130 100  
95 103.6 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VY0

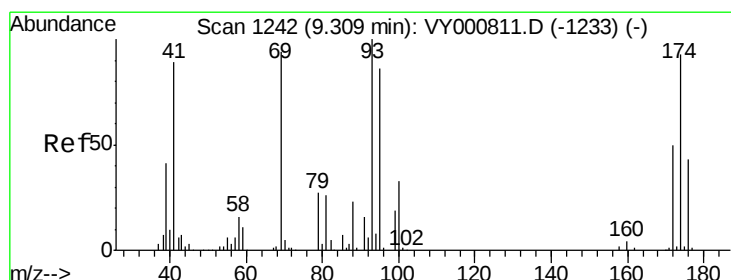
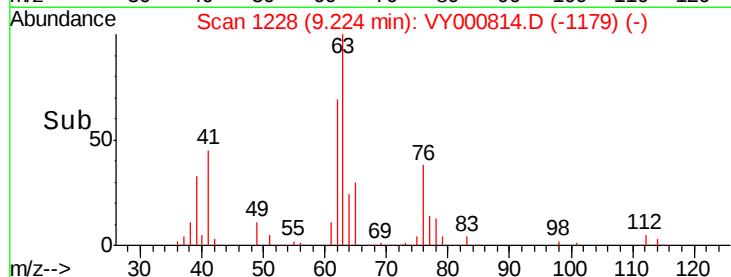
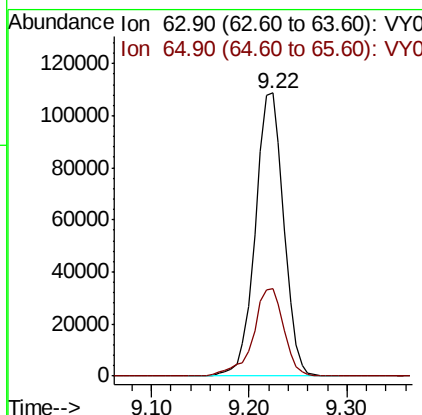
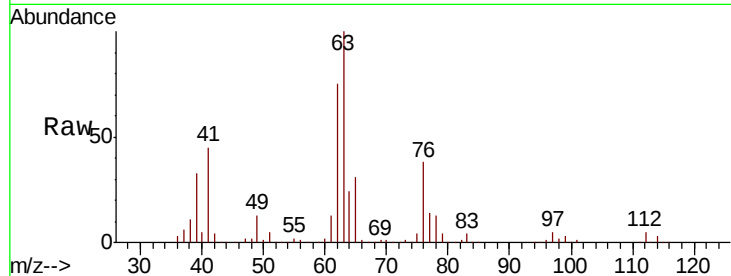




#45  
 1,2-Dichloropropane  
 Concen: 47.294 ug/l  
 RT: 9.22 min Scan# 1228  
 Delta R.T. -0.00 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

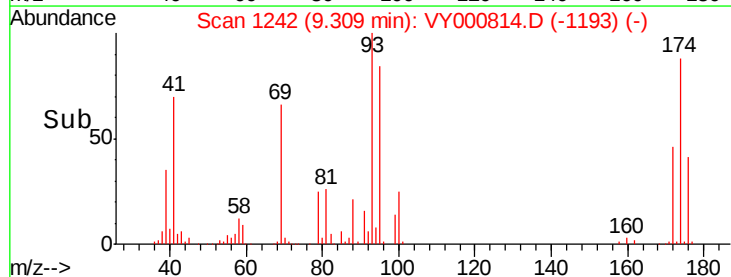
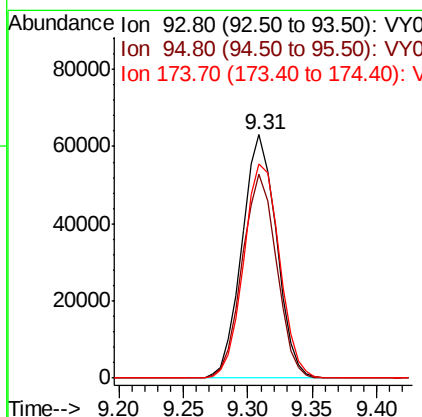
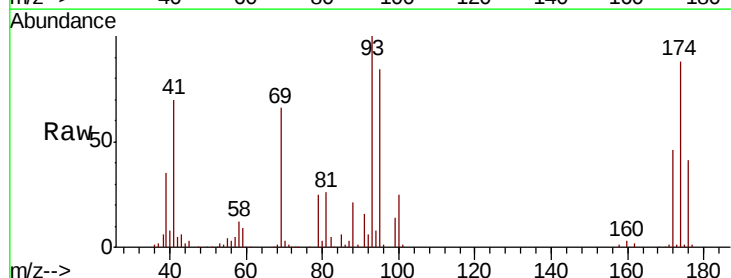
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

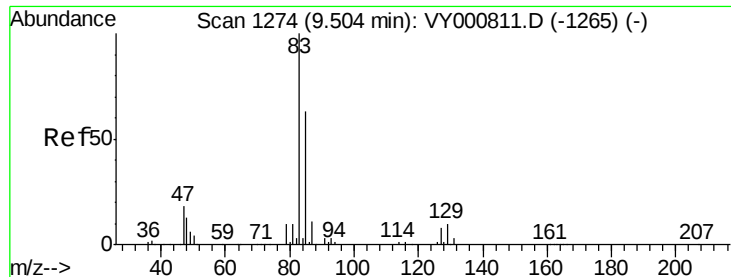
Tot Ion: 63 Resp: 218799  
 Ion Ratio Lower Upper  
 63 100  
 65 31.1 23.2 34.8



#46  
 Dibromomethane  
 Concen: 48.484 ug/l  
 RT: 9.31 min Scan# 1242  
 Delta R.T. -0.00 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

Tgt Ion: 93 Resp: 117195  
 Ion Ratio Lower Upper  
 93 100  
 95 83.0 66.4 99.6  
 174 91.1 73.0 109.6

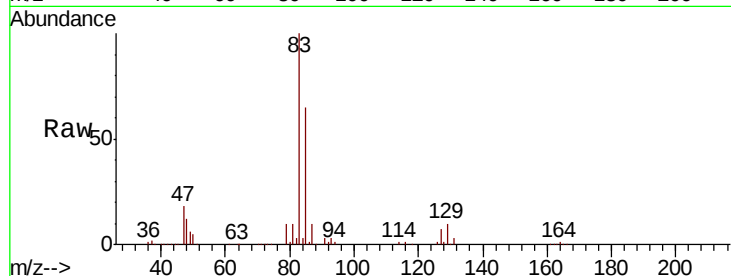




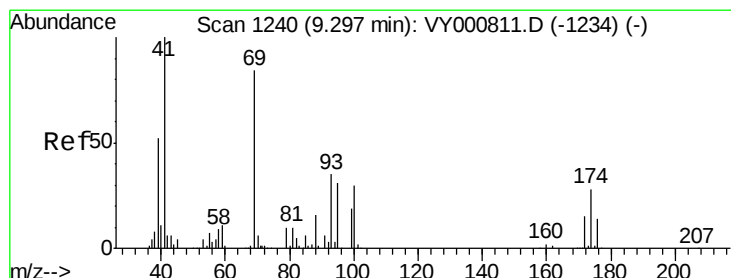
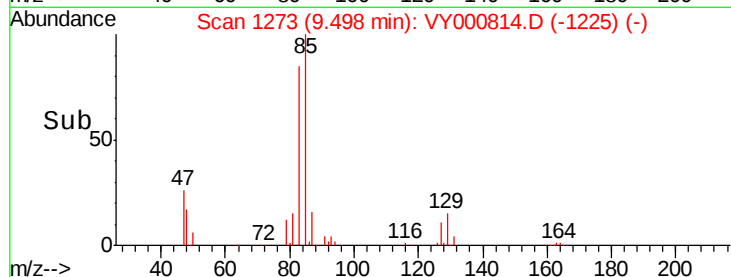
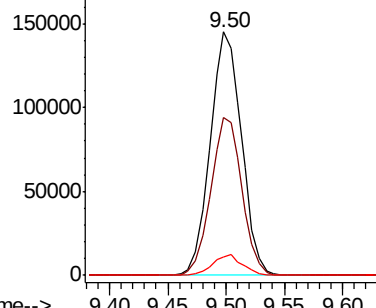
#47  
Bromodichloromethane  
Concen: 47.756 ug/l  
RT: 9.50 min Scan# 1273  
Delta R.T. -0.01 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Instrument :  
MSVOA\_Y  
ClientSampleId :

| Tot Ion   | 83    | Resp  | 271178 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.8  | 50.8  | 76.2   |
| 127       | 7.4   | 6.6   | 10.0   |

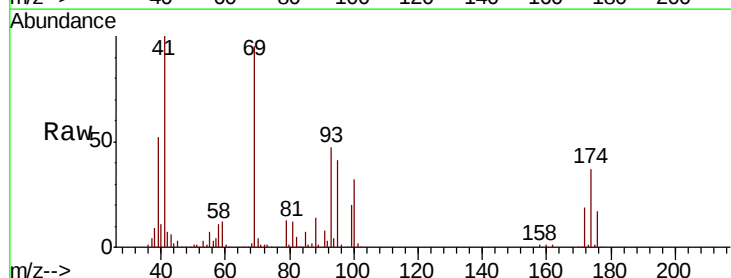


Abundance Ion 82.90 (82.60 to 83.60): VY0  
Ion 84.90 (84.60 to 85.60): VY0  
Ion 126.80 (126.50 to 127.50): V

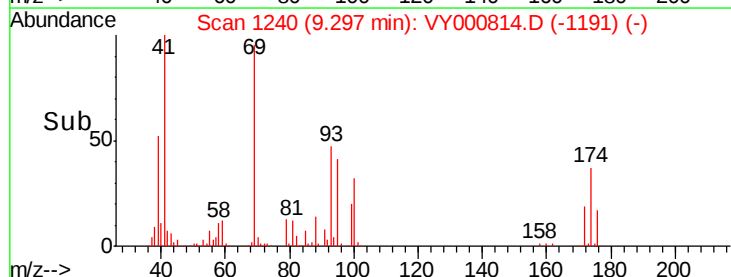
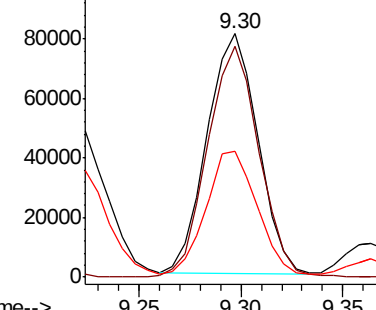


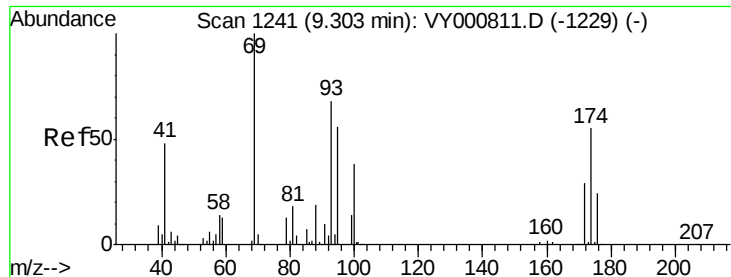
#48  
Methyl methacrylate  
Concen: 46.319 ug/l  
RT: 9.30 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

| Tgt Ion   | 41    | Resp  | 140139 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 97.2  | 70.4  | 105.6  |
| 39        | 51.5  | 40.9  | 61.3   |



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: 925.811 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :  
MSVOA\_Y  
ClientSampleId :

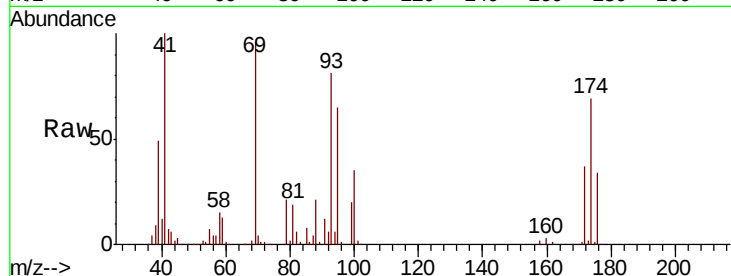
Tot Ion: 88 Resp: 31709

Ion Ratio Lower Upper

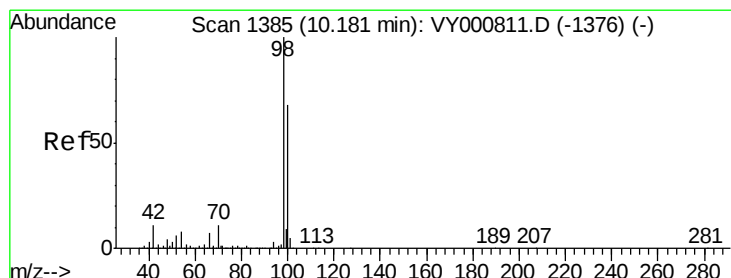
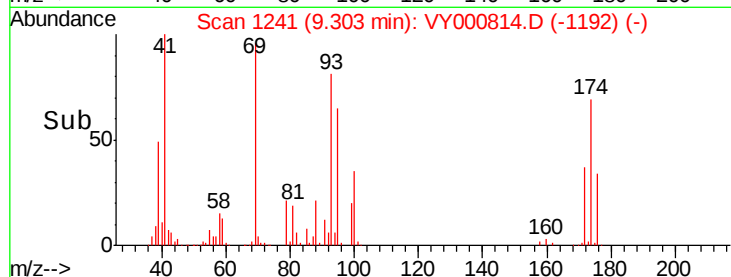
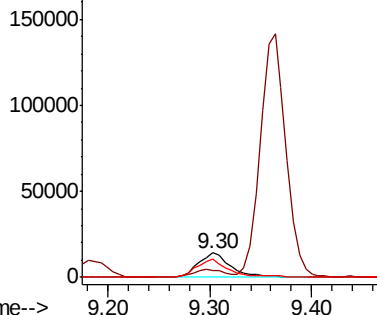
88 100

43 30.2 21.1 31.7

58 74.0 50.7 76.1



Abundance Ion 88.00 (87.70 to 88.70): VY0  
Ion 43.00 (42.70 to 43.70): VY0  
Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 50.601 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000814.D

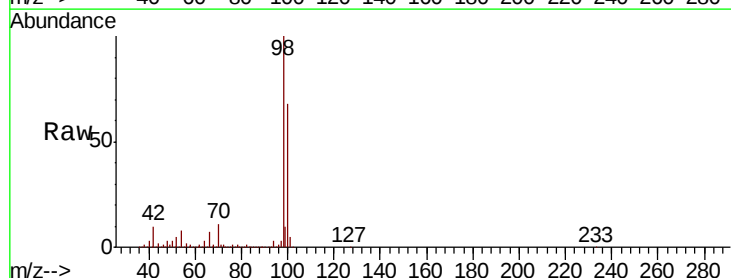
Acq: 27 Nov 2019 13:00

Tgt Ion: 98 Resp: 749767

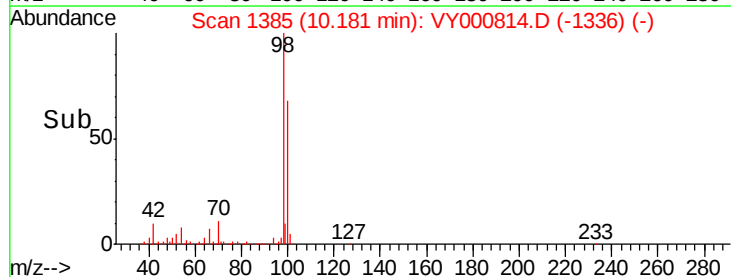
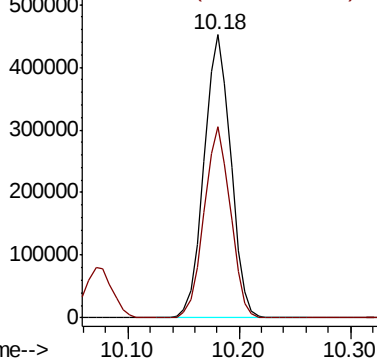
Ion Ratio Lower Upper

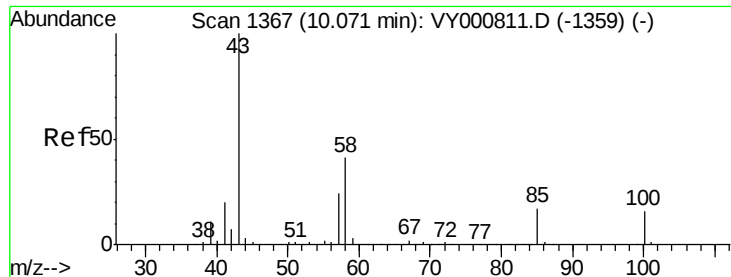
98 100

100 66.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0  
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 237.036 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

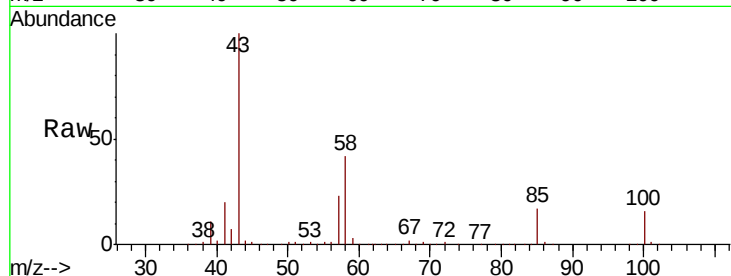
ClientSampleId :

Tot Ion: 43 Resp: 842636

Ion Ratio Lower Upper

43 100

58 41.9 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-1359) (-)

10.07

500000

400000

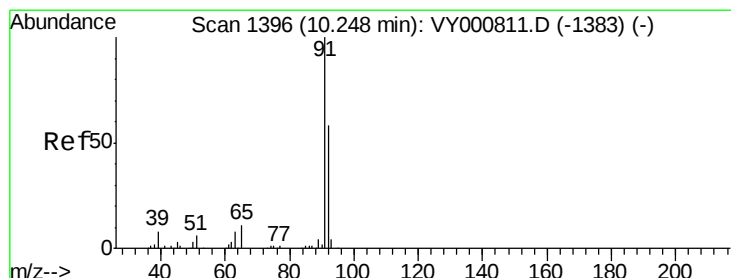
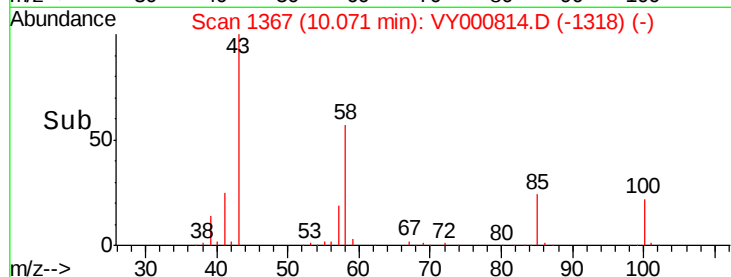
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.404 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000814.D

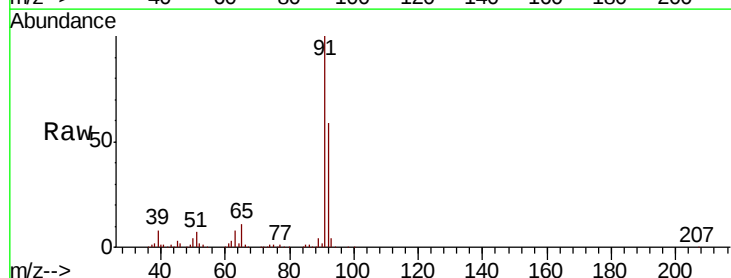
Acq: 27 Nov 2019 13:00

Tgt Ion: 92 Resp: 540578

Ion Ratio Lower Upper

92 100

91 171.7 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY000811.D (-1383) (-)

Ion 91.00 (90.70 to 91.70): VY000811.D (-1383) (-)

10.24

600000

500000

400000

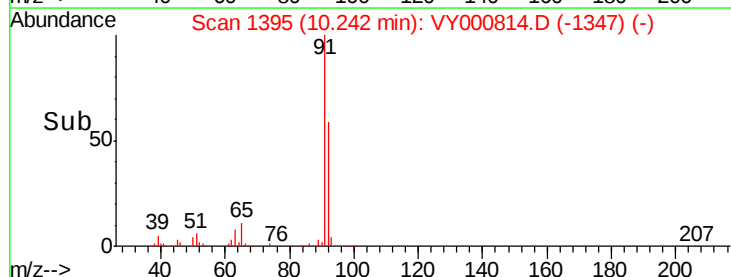
300000

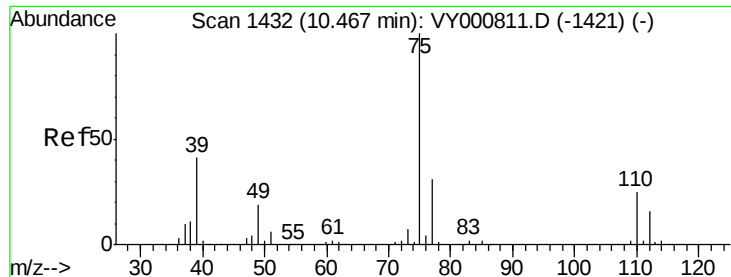
200000

100000

0

Time-->

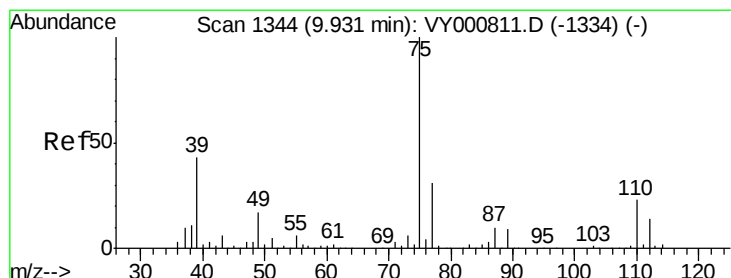
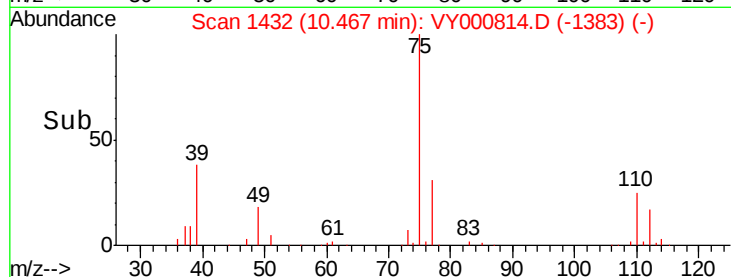
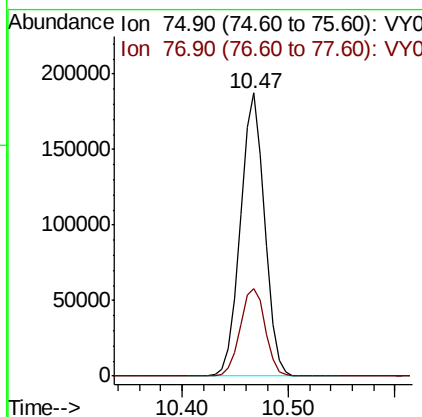
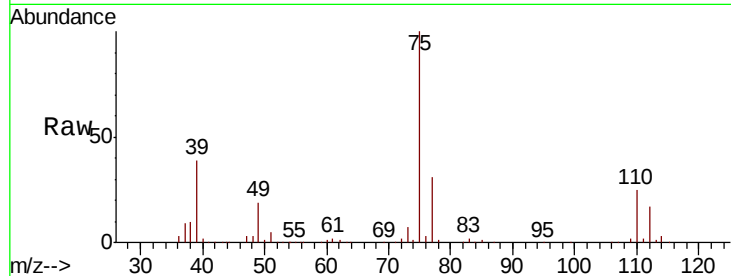




#53  
 t-1,3-Dichloropropene  
 Concen: 49.079 ug/l  
 RT: 10.47 min Scan# 1432  
 Delta R.T. -0.00 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

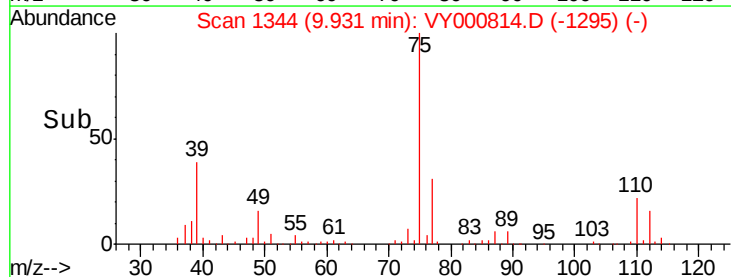
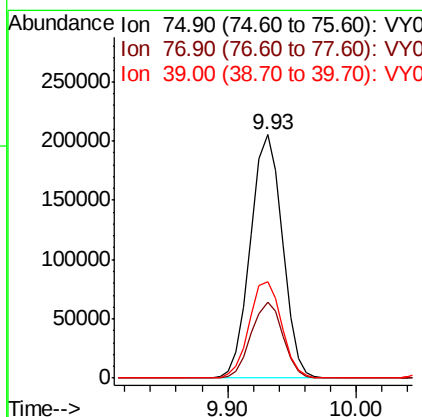
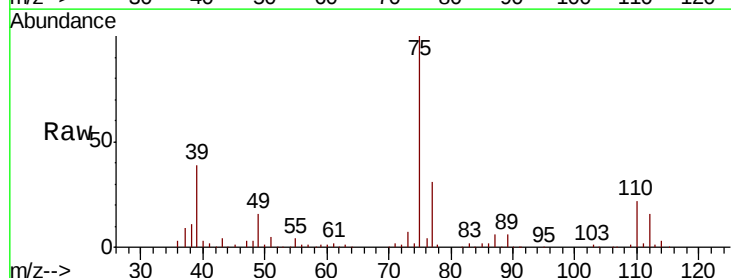
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

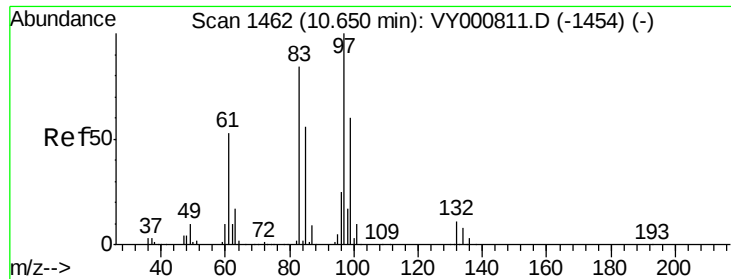
Tot Ion: 75 Resp: 299413  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.1 37.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 48.873 ug/l  
 RT: 9.93 min Scan# 1344  
 Delta R.T. -0.00 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

Tgt Ion: 75 Resp: 352425  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 24.7 37.1  
 39 39.3 34.5 51.7

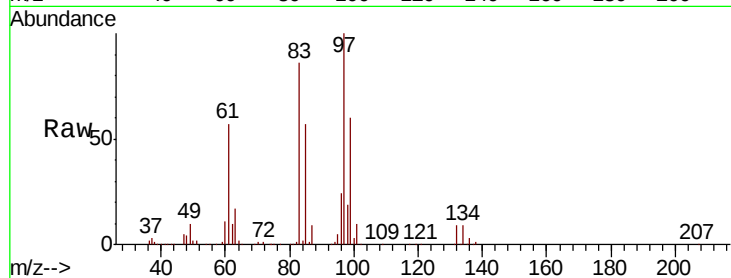




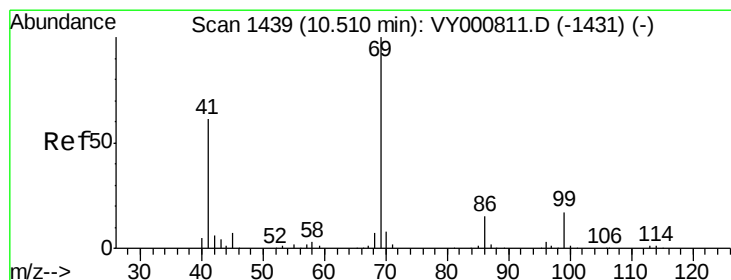
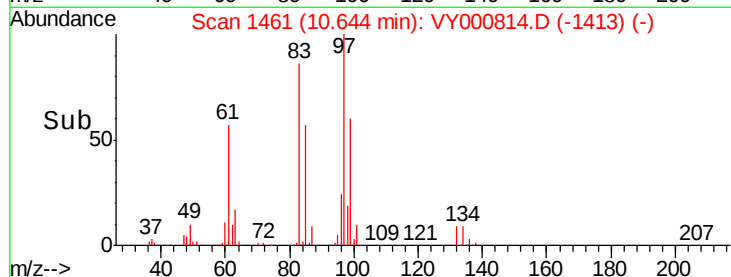
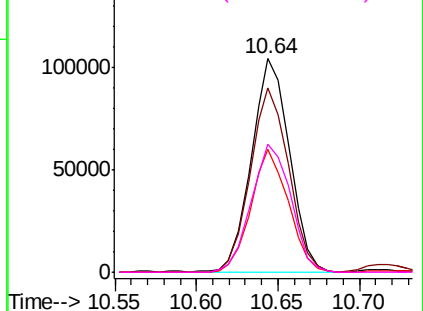
#55  
1,1,2-Trichloroethane  
Concen: 47.576 ug/l  
RT: 10.64 min Scan# 1461  
Delta R.T. -0.01 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 97 Resp: 169906  
Ion Ratio Lower Upper  
97 100  
83 86.2 67.5 101.3  
85 57.5 44.5 66.7  
99 59.8 47.7 71.5

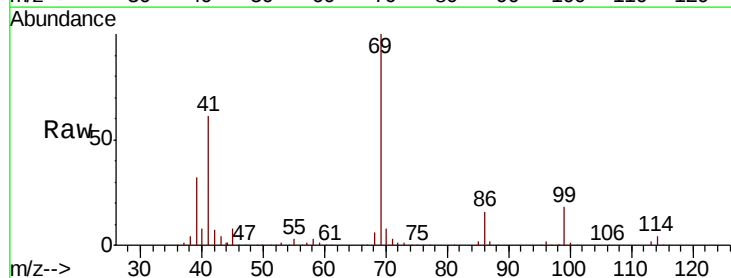


Abundance Ion 96.90 (96.60 to 97.60): VY0  
Ion 82.90 (82.60 to 83.60): VY0  
Ion 84.90 (84.60 to 85.60): VY0  
Ion 98.90 (98.60 to 99.60): VY0

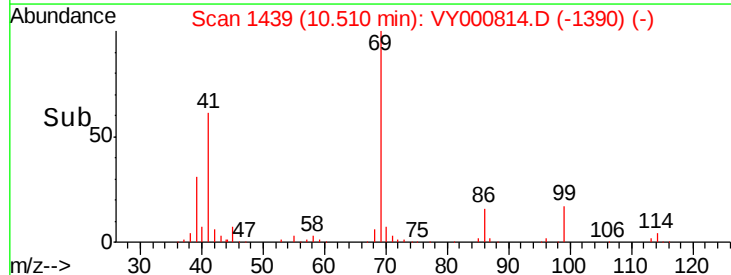
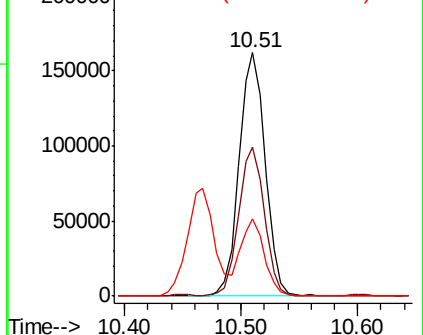


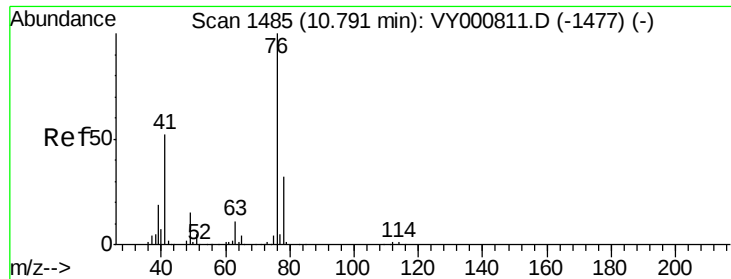
#56  
Ethyl methacrylate  
Concen: 49.634 ug/l  
RT: 10.51 min Scan# 1439  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Tgt Ion: 69 Resp: 253574  
Ion Ratio Lower Upper  
69 100  
41 60.2 49.0 73.6  
39 28.3 23.1 34.7



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





#57

1,3-Dichloropropane

Concen: 47.267 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

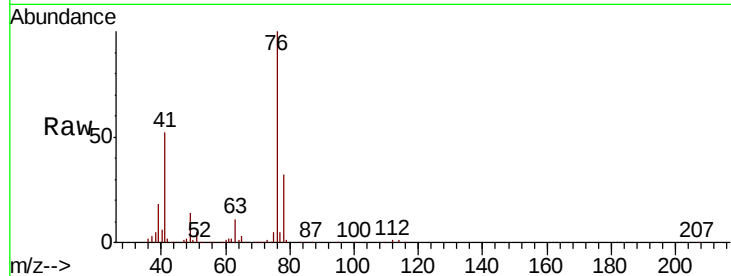
ClientSampleId :

Tot Ion: 76 Resp: 294204

Ion Ratio Lower Upper

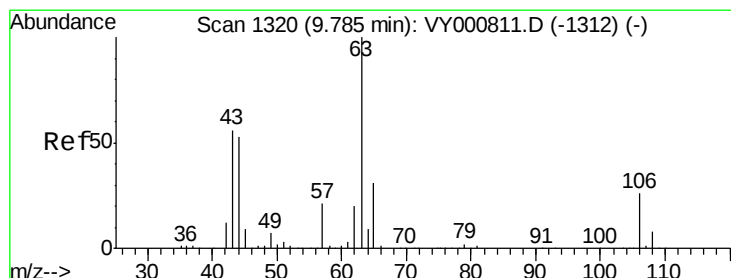
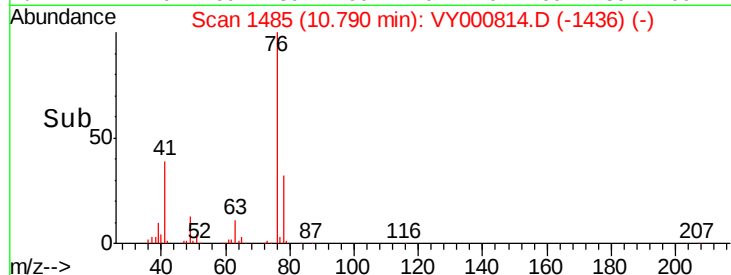
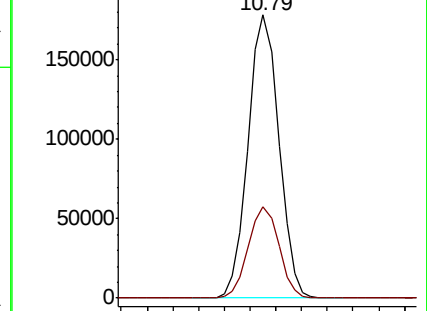
76 100

78 32.3 26.4 39.6



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: 363.786 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000814.D

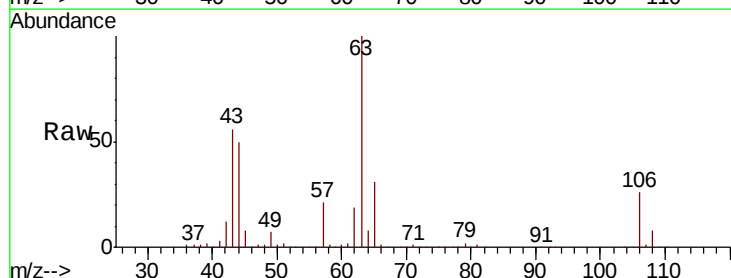
Acq: 27 Nov 2019 13:00

Tgt Ion: 63 Resp: 749376

Ion Ratio Lower Upper

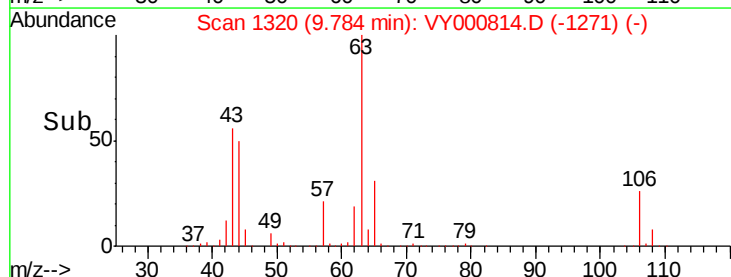
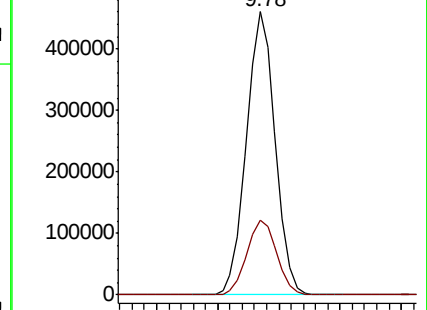
63 100

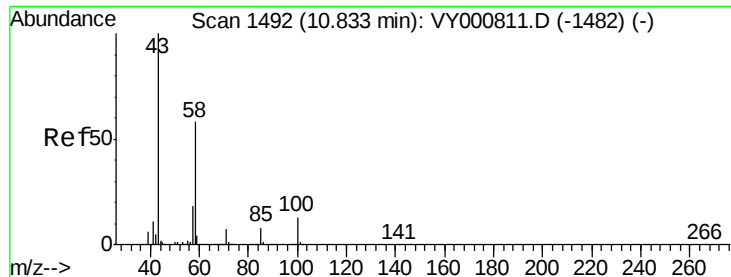
106 27.4 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

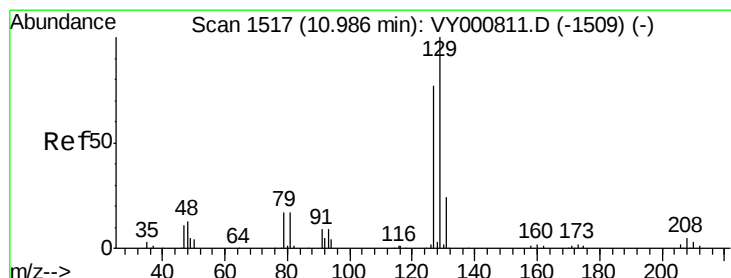
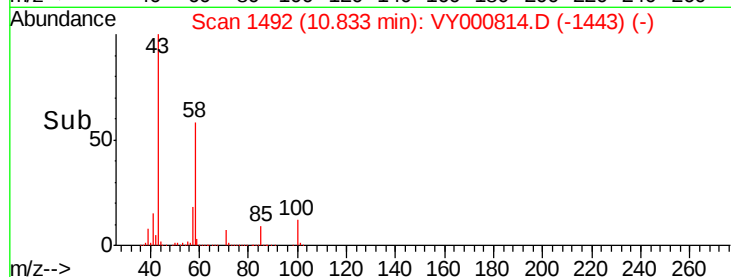
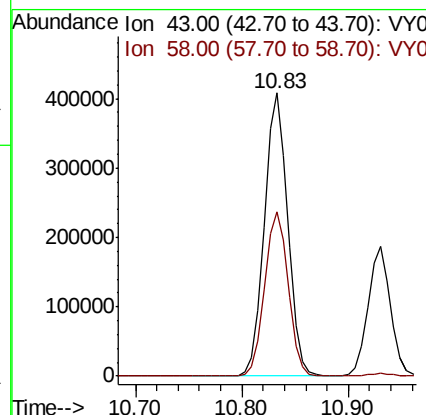
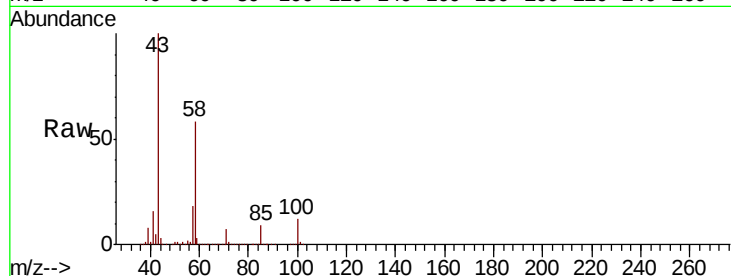




#59  
2-Hexanone  
Concen: 242.693 ug/l  
RT: 10.83 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

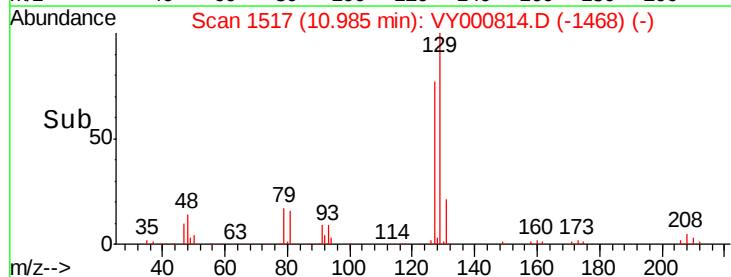
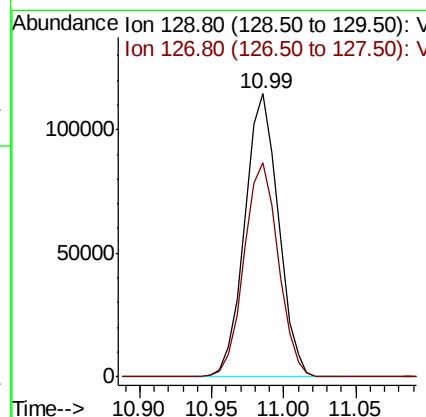
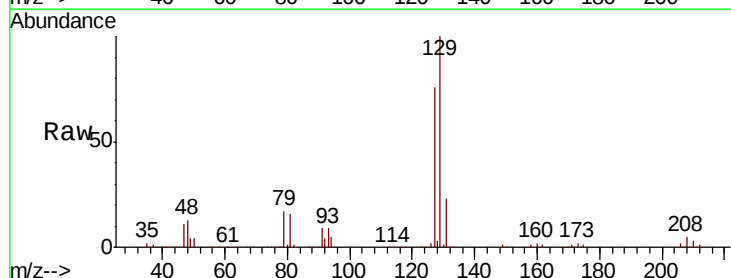
Instrument :  
MSVOA\_Y  
ClientSampled :

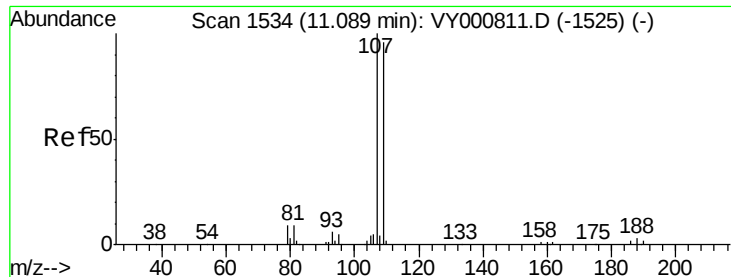
Tot Ion: 43 Resp: 628665  
Ion Ratio Lower Upper  
43 100  
58 58.8 29.0 87.1



#60  
Dibromochloromethane  
Concen: 48.238 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Tgt Ion: 129 Resp: 185450  
Ion Ratio Lower Upper  
129 100  
127 76.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.065 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

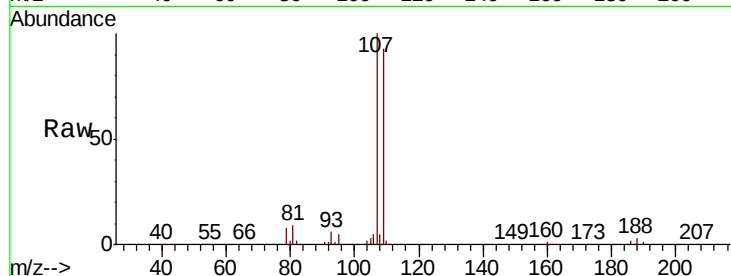
ClientSampled :

Tot Ion:107 Resp: 165138

Ion Ratio Lower Upper

107 100

109 92.8 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.09

100000

80000

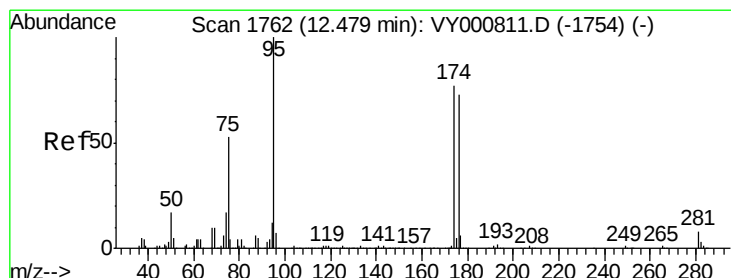
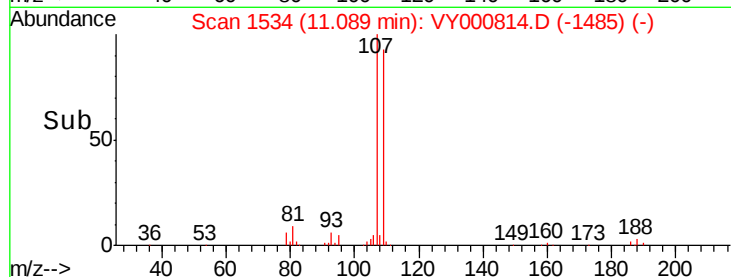
60000

40000

20000

0

Time--> 11.00 11.05 11.10 11.15



#62

4-Bromofluorobenzene

Concen: 46.292 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

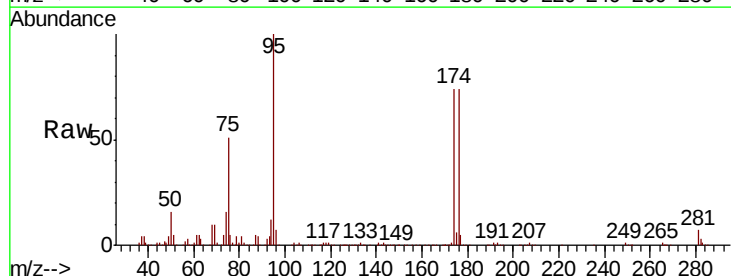
Tgt Ion: 95 Resp: 257601

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.6

176 74.1 0.0 145.2



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

12.48

200000

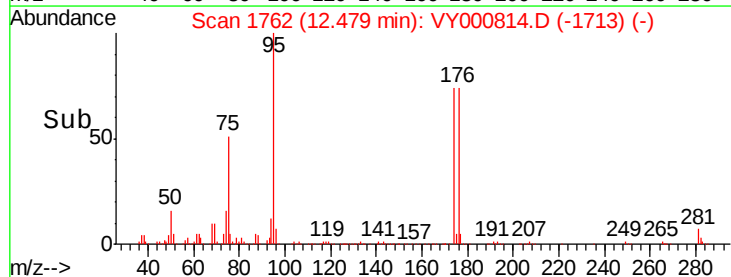
150000

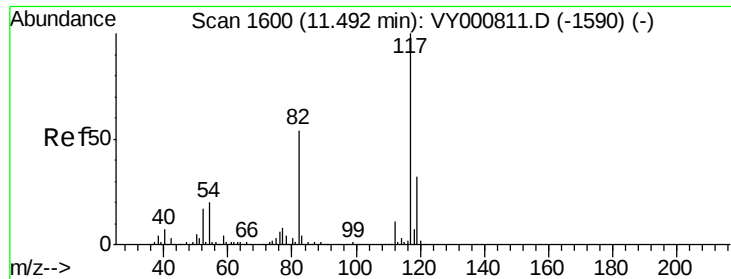
100000

50000

0

Time--> 12.40 12.45 12.50 12.55

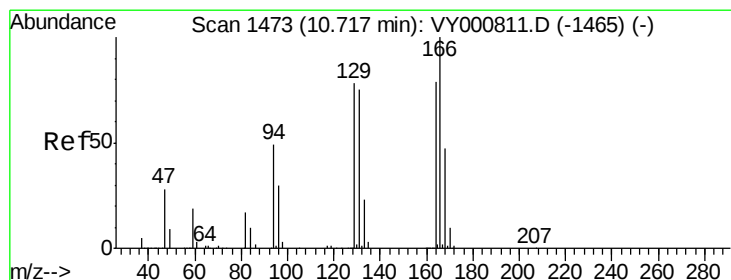
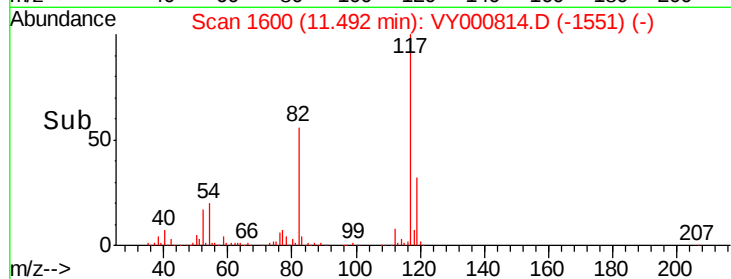
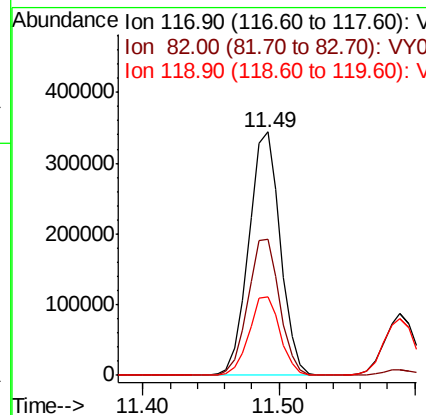
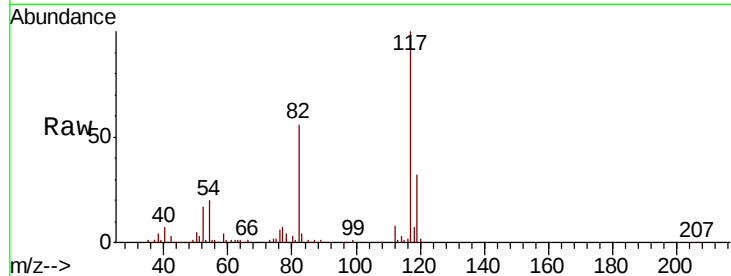




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

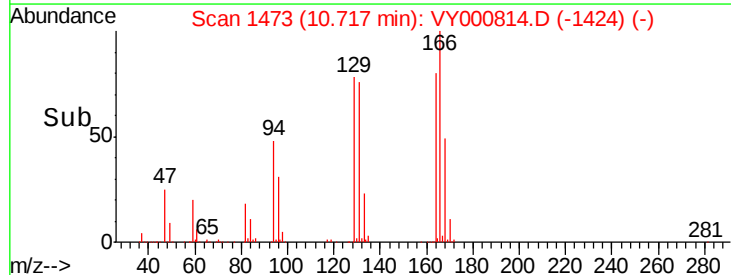
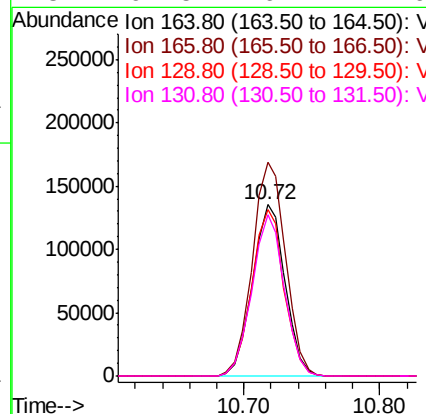
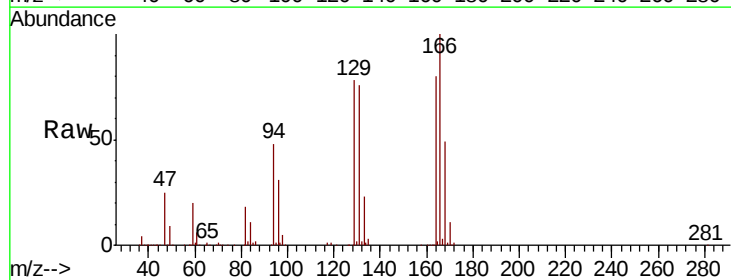
Instrument :  
MSVOA\_Y  
ClientSampleId :

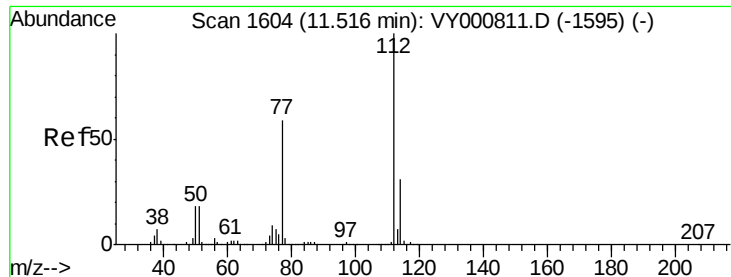
Tot Ion:117 Resp: 557552  
Ion Ratio Lower Upper  
117 100  
82 55.7 43.1 64.7  
119 32.5 25.3 37.9



#64  
Tetrachloroethene  
Concen: 46.881 ug/l  
RT: 10.72 min Scan# 1473  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Tgt Ion:164 Resp: 227100  
Ion Ratio Lower Upper  
164 100  
166 124.7 101.8 152.8  
129 97.0 79.3 118.9  
131 94.5 76.4 114.6





#65

Chlorobenzene

Concen: 47.895 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

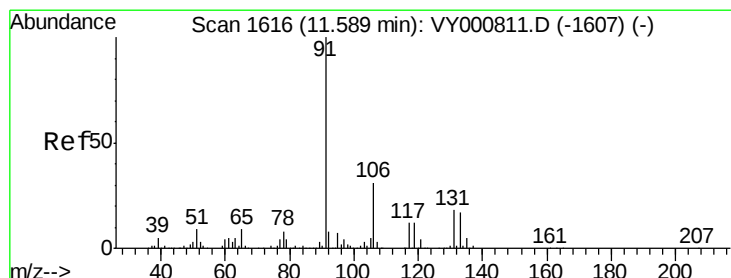
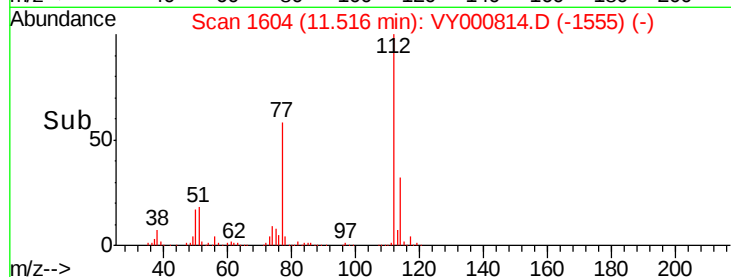
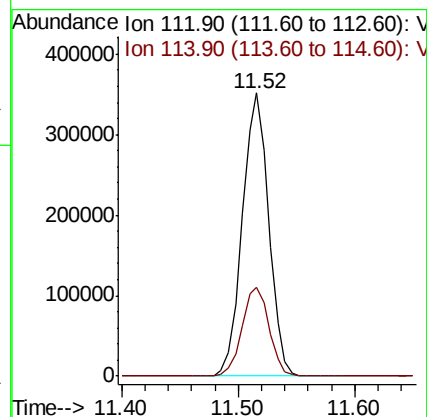
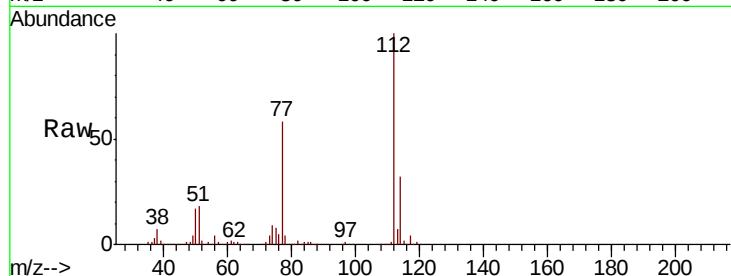
ClientSampleId :

Tot Ion:112 Resp: 555082

Ion Ratio Lower Upper

112 100

114 31.6 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 48.282 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

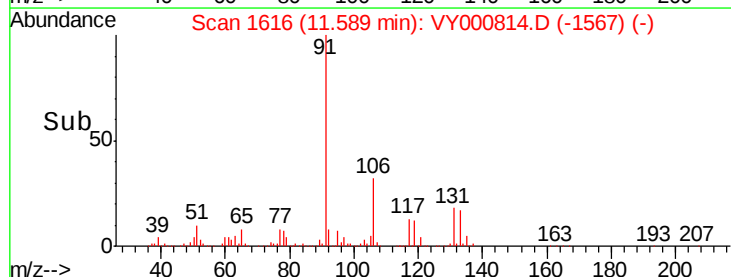
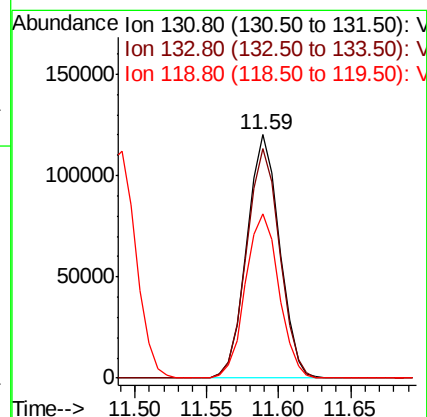
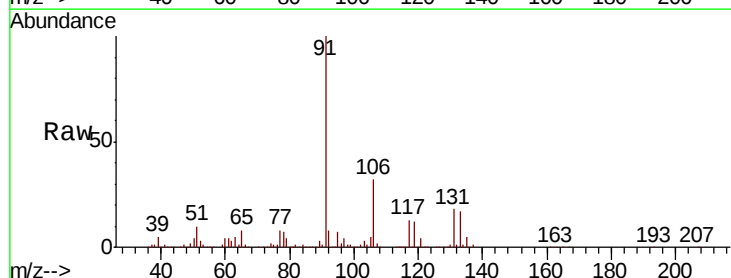
Tgt Ion:131 Resp: 188575

Ion Ratio Lower Upper

131 100

133 95.9 47.4 142.2

119 69.2 33.8 101.3

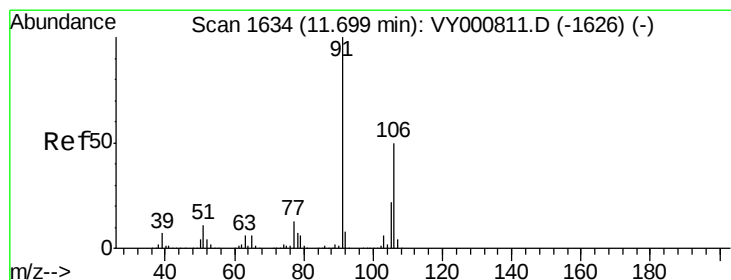
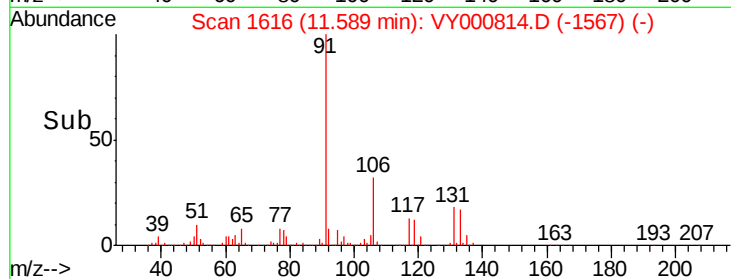
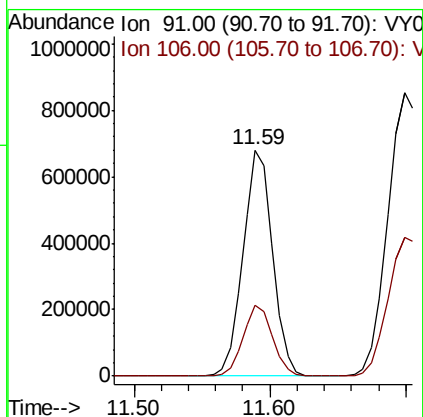
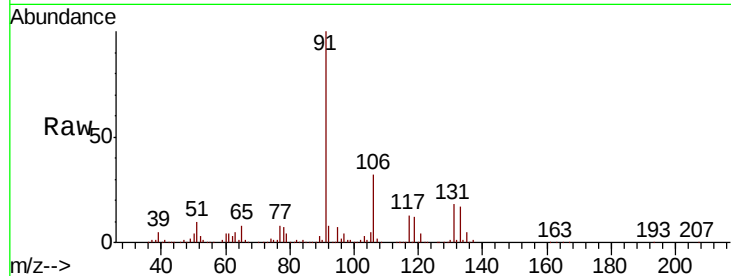




#67  
Ethyl Benzene  
Concen: 47.821 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

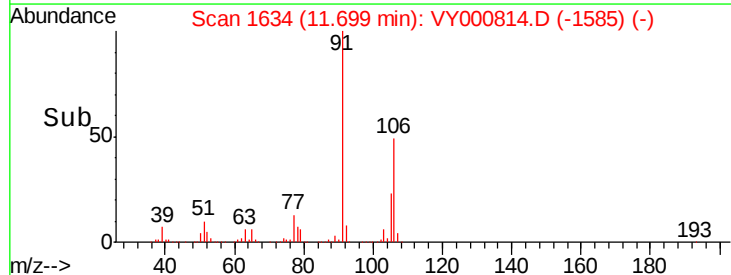
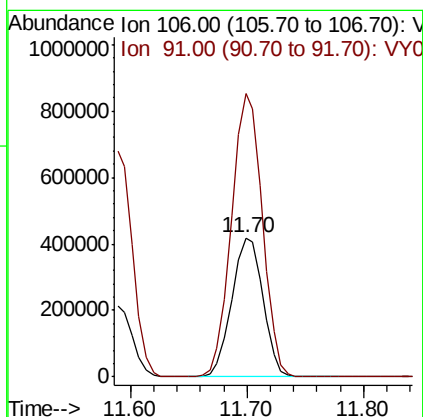
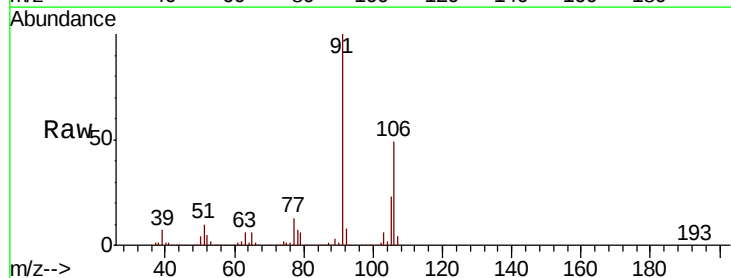
Instrument :  
MSVOA\_Y  
ClientSampled :

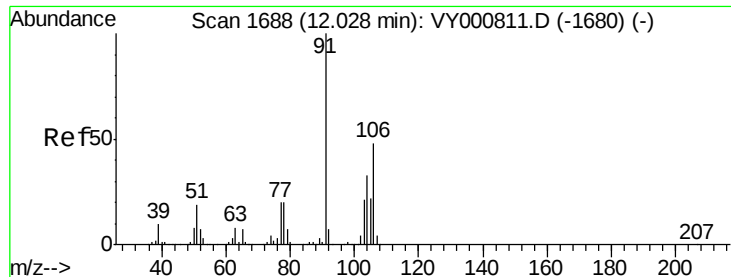
Tot Ion: 91 Resp: 1032174  
Ion Ratio Lower Upper  
91 100  
106 31.6 24.4 36.6



#68  
m/p-Xylenes  
Concen: 96.191 ug/l  
RT: 11.70 min Scan# 1634  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Tgt Ion: 106 Resp: 779291  
Ion Ratio Lower Upper  
106 100  
91 201.5 159.6 239.4

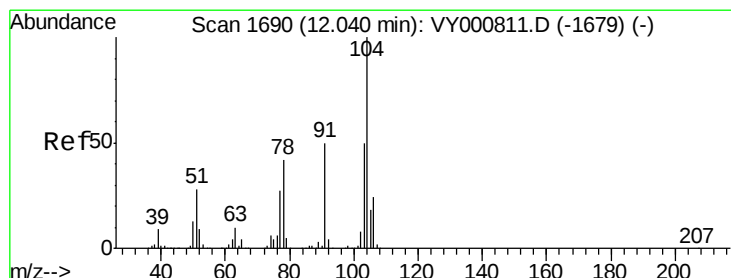
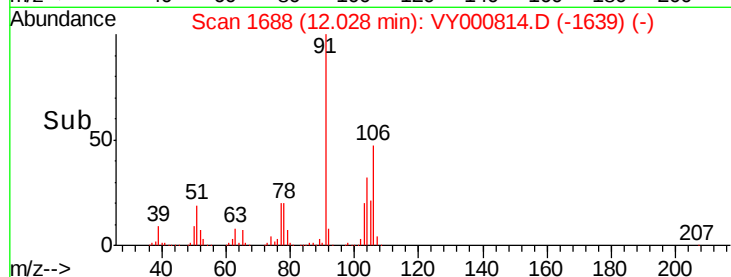
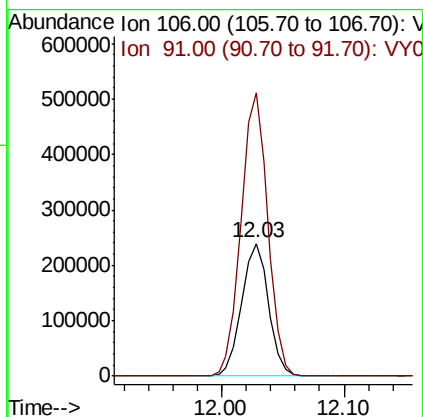
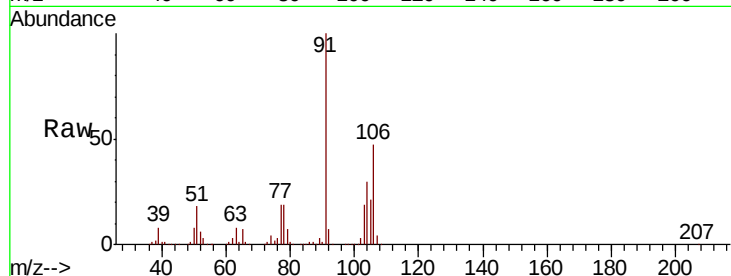




#69  
o-Xylene  
Concen: 48.306 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

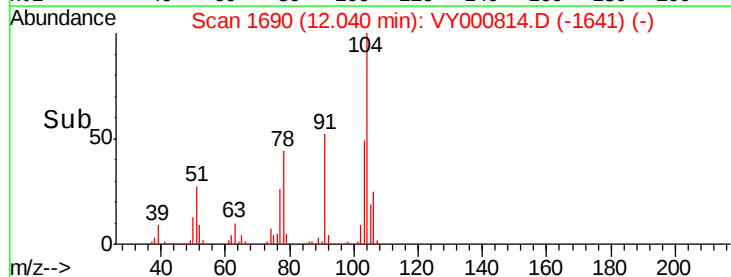
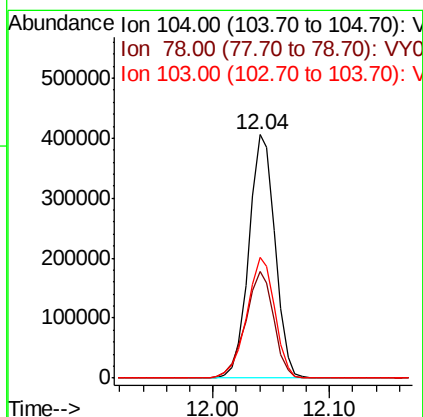
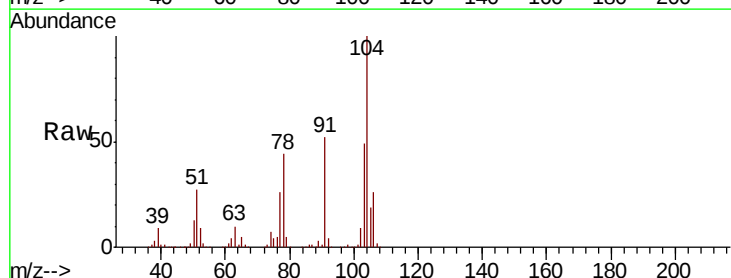
Instrument :  
MSVOA\_Y  
ClientSampled :

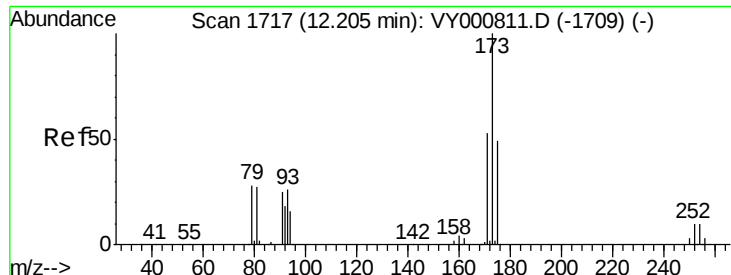
Tot Ion:106 Resp: 364892  
Ion Ratio Lower Upper  
106 100  
91 211.9 106.1 318.1



#70  
Styrene  
Concen: 49.153 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Tgt Ion:104 Resp: 635757  
Ion Ratio Lower Upper  
104 100  
78 47.3 38.2 57.4  
103 53.2 43.4 65.0





#71

Bromoform

Concen: 50.390 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

ClientSampled :

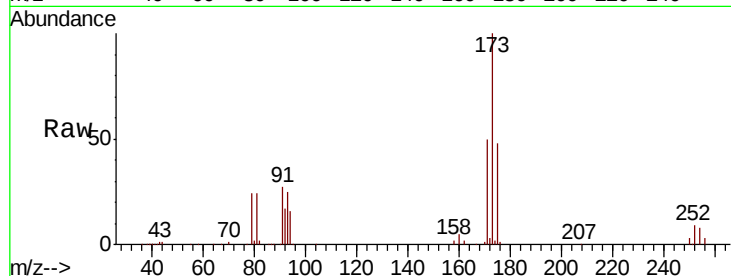
Tot Ion:173 Resp: 111000

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 173 | 100   |       |       |
| 175 | 47.2  | 24.5  | 73.5  |
| 254 | 0.0   | 0.0   | 0.0   |

173 100

175 47.2 24.5 73.5

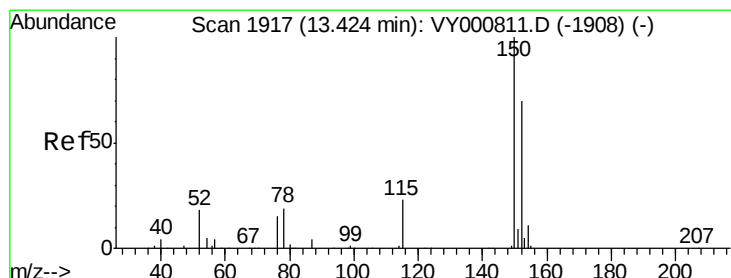
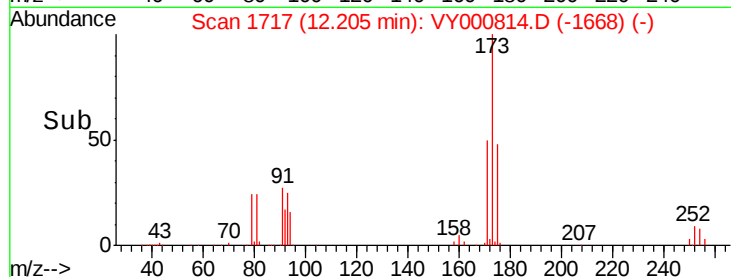
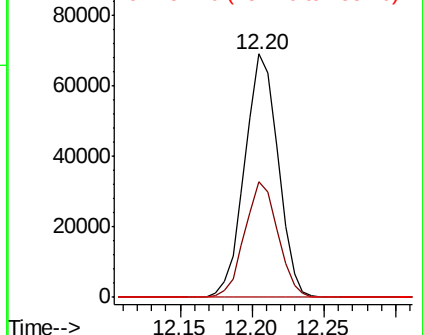
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

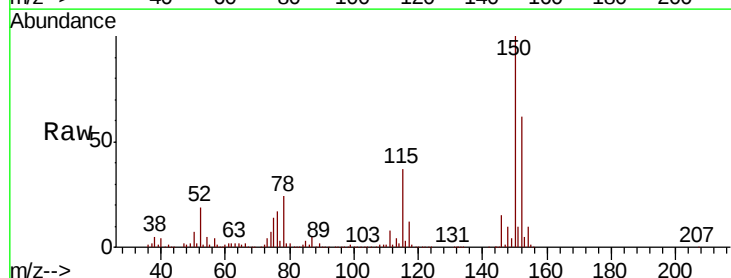
Tgt Ion:152 Resp: 258969

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 59.7  | 29.3  | 87.8  |
| 150 | 174.0 | 0.0   | 351.2 |

152 100

115 59.7 29.3 87.8

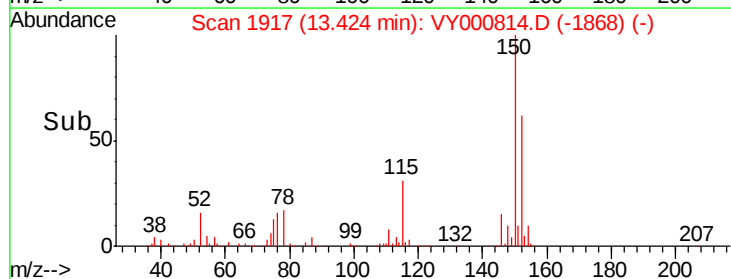
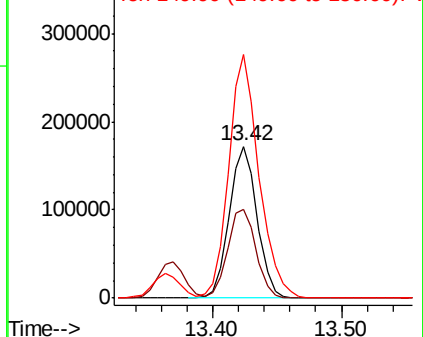
150 174.0 0.0 351.2

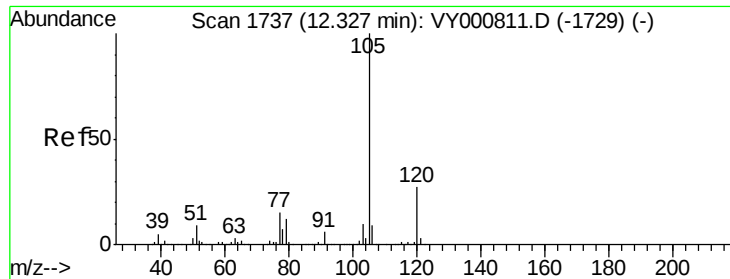


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.701 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

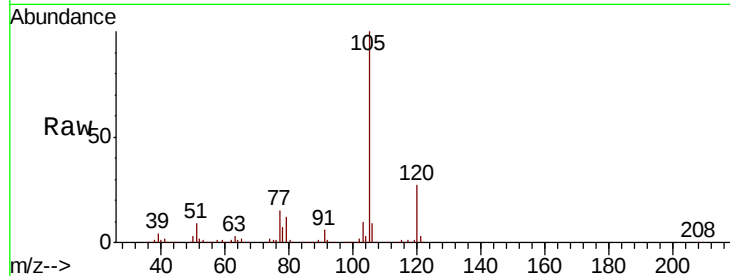
ClientSampleId :

Tot Ion:105 Resp: 983579

Ion Ratio Lower Upper

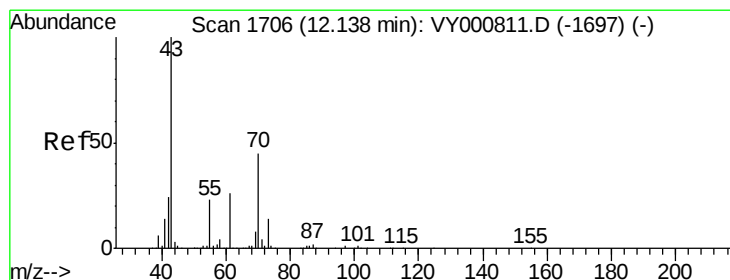
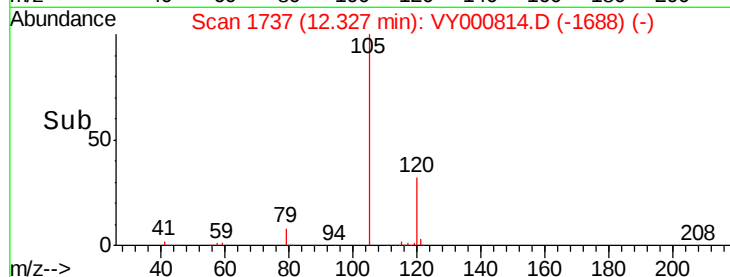
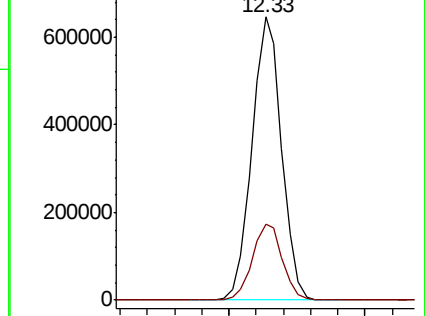
105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.042 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Tgt Ion: 43 Resp: 275723

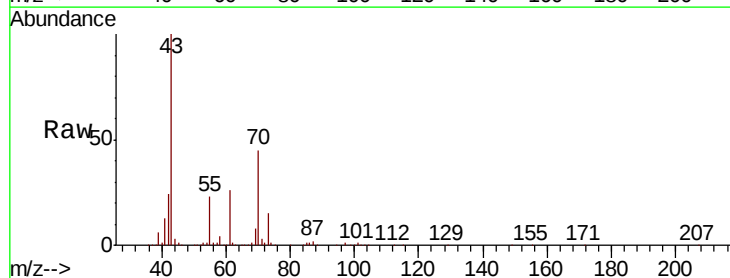
Ion Ratio Lower Upper

43 100

70 46.1 36.6 54.8

55 23.3 18.8 28.2

61 26.3 21.0 31.6

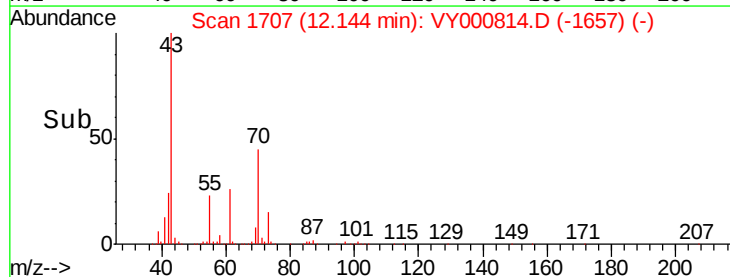
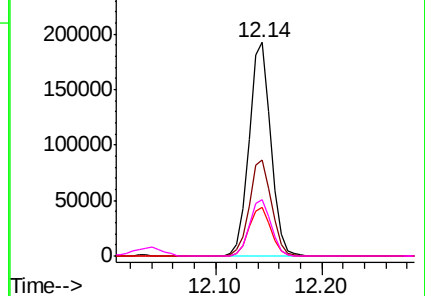


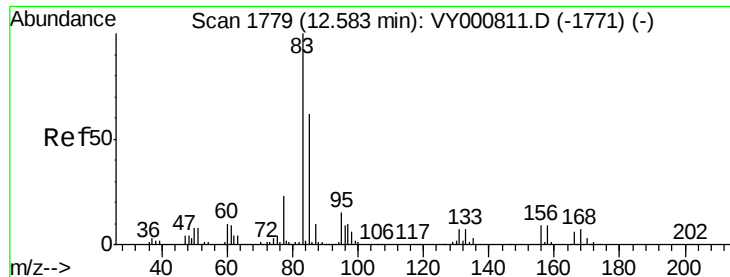
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 48.500 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

ClientSampleId :

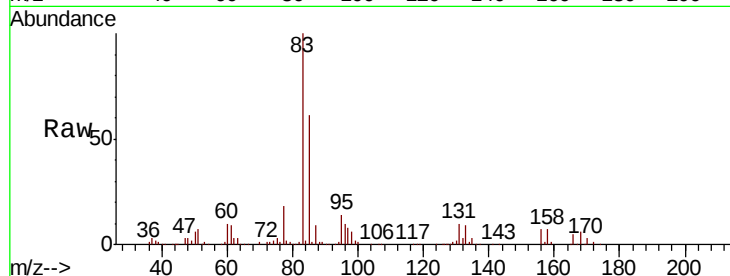
Tot Ion: 83 Resp: 197049

Ion Ratio Lower Upper

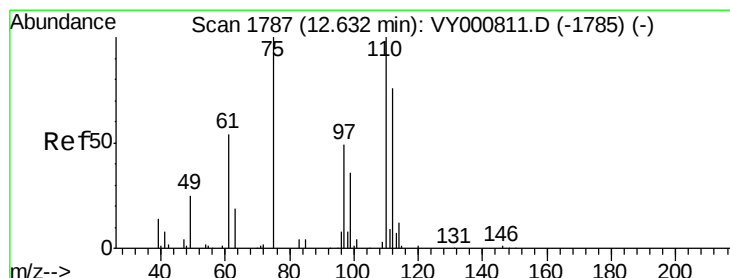
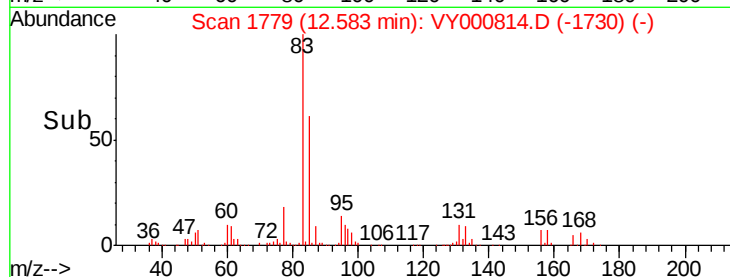
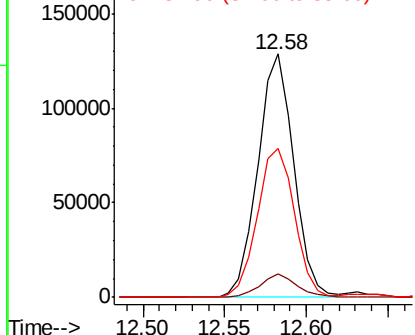
83 100

131 9.9 4.3 13.1

85 63.6 32.4 97.0



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: 93.334 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000814.D

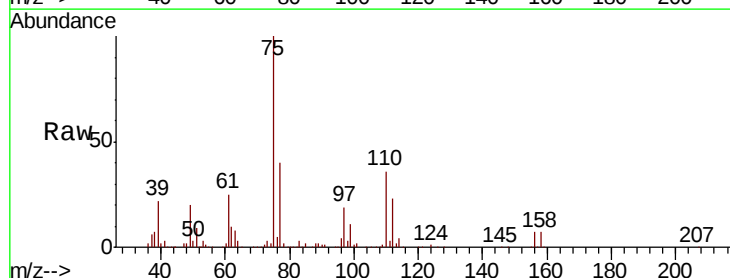
Acq: 27 Nov 2019 13:00

Tgt Ion: 75 Resp: 273852

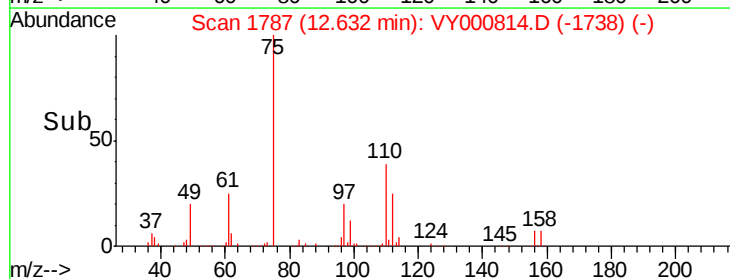
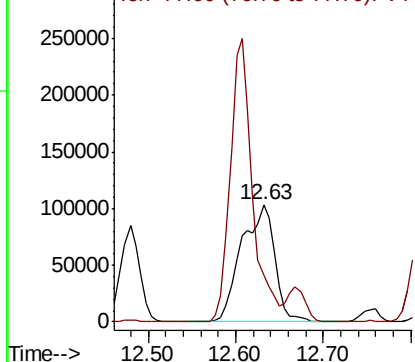
Ion Ratio Lower Upper

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

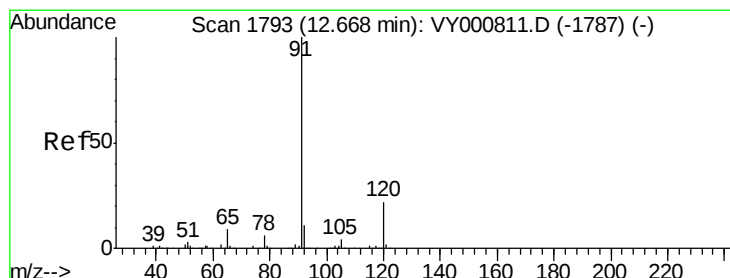
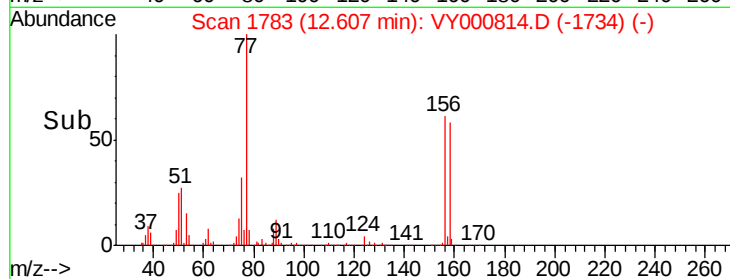
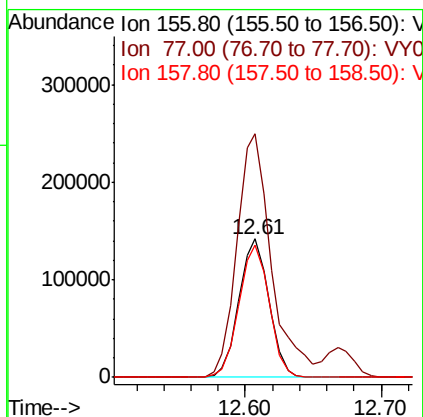
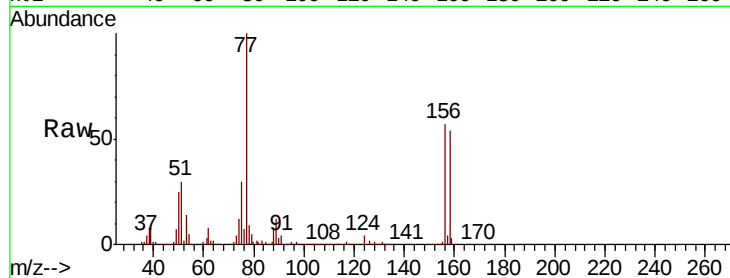




#77  
Bromobenzene  
Concen: 48.888 ug/l  
RT: 12.61 min Scan# 1783  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

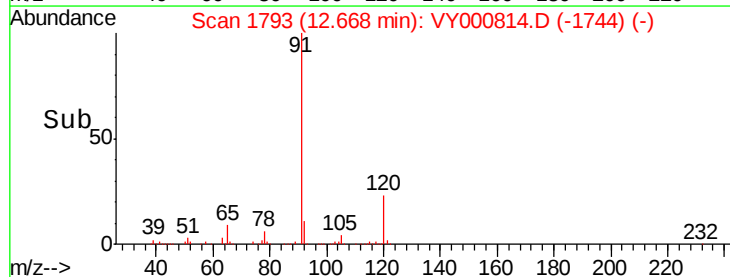
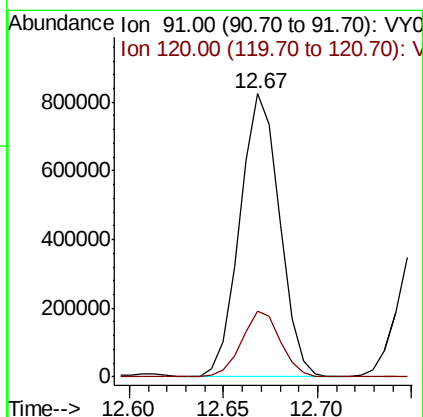
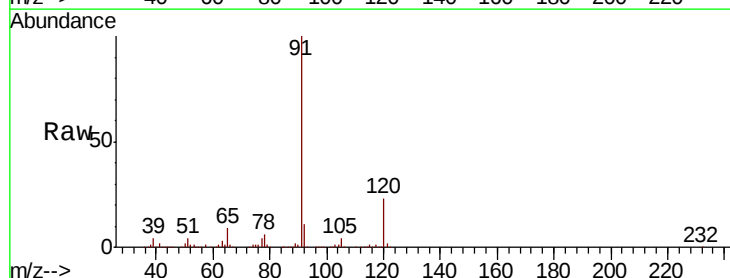
Instrument :  
MSVOA\_Y  
ClientSampleId :

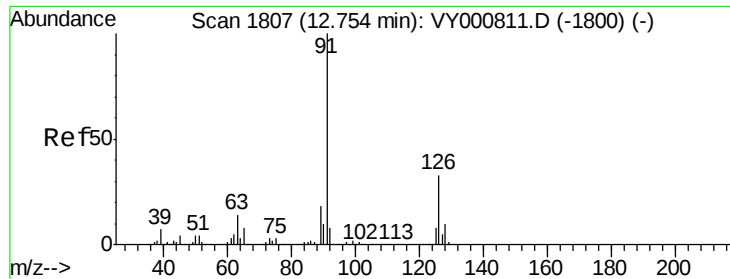
Tot Ion:156 Resp: 218510  
Ion Ratio Lower Upper  
156 100  
77 201.0 102.6 307.7  
158 96.1 47.6 142.8



#78  
n-propylbenzene  
Concen: 47.948 ug/l  
RT: 12.67 min Scan# 1793  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Tgt Ion: 91 Resp: 1207190  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.2 33.5

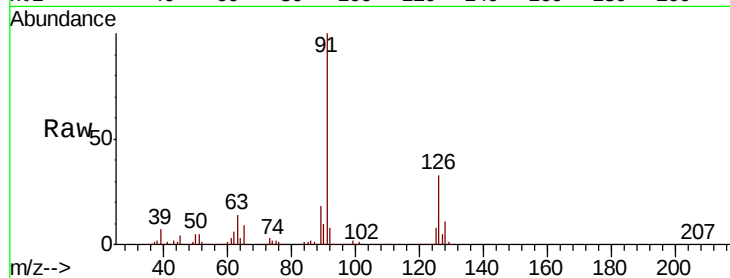




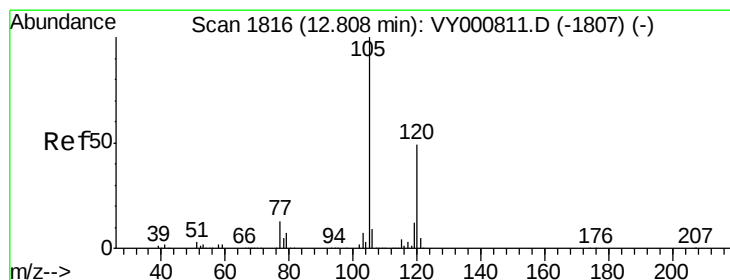
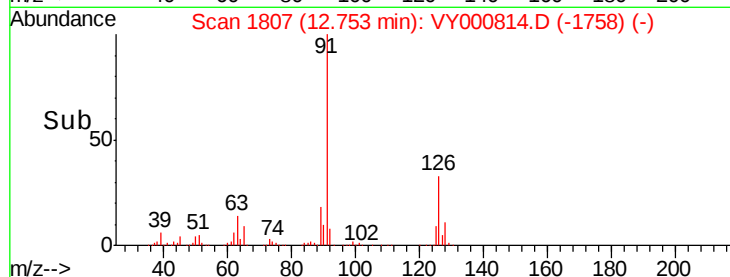
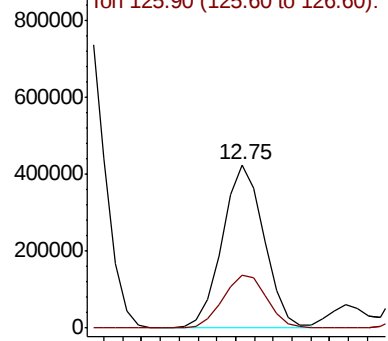
#79  
 2-Chlorotoluene  
 Concen: 47.183 ug/l  
 RT: 12.75 min Scan# 1807  
 Delta R.T. -0.00 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tot Ion: 91 Resp: 656277  
 Ion Ratio Lower Upper  
 91 100  
 126 34.1 17.0 51.0

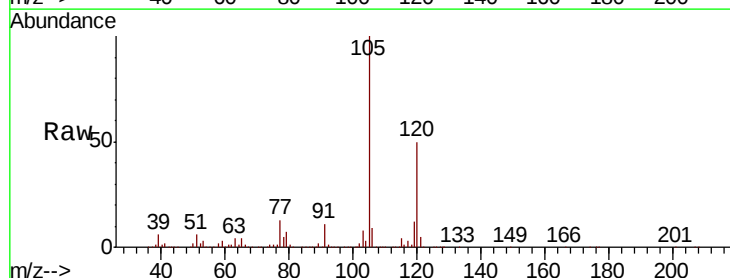


Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)  
 Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)

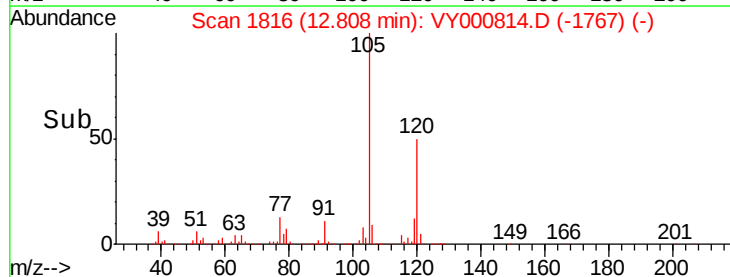
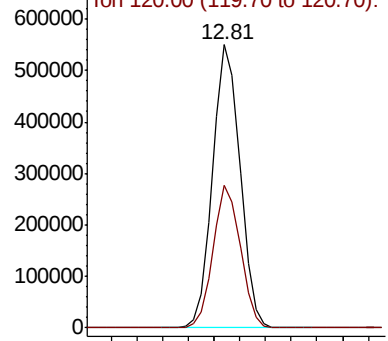


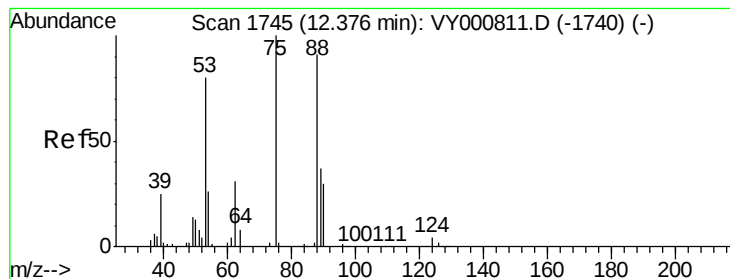
#80  
 1,3,5-Trimethylbenzene  
 Concen: 47.424 ug/l  
 RT: 12.81 min Scan# 1816  
 Delta R.T. -0.00 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

Tgt Ion: 105 Resp: 809648  
 Ion Ratio Lower Upper  
 105 100  
 120 49.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)  
 Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.878 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

ClientSampleId :

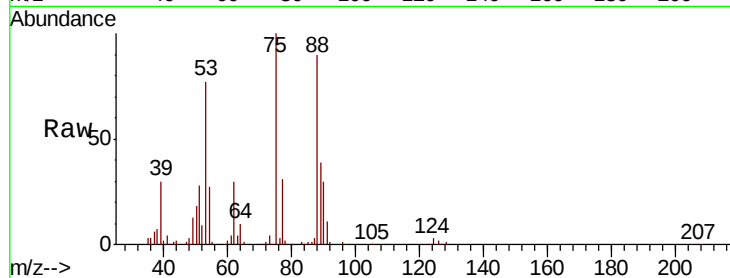
Tot Ion: 75 Resp: 75998

Ion Ratio Lower Upper

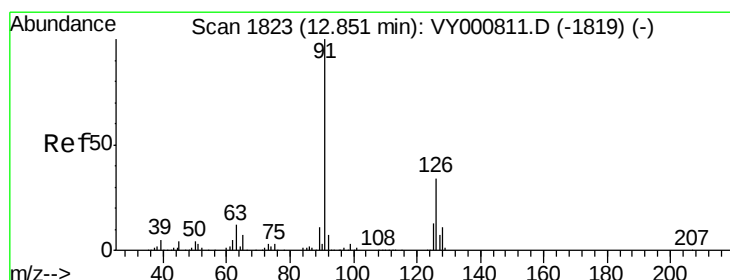
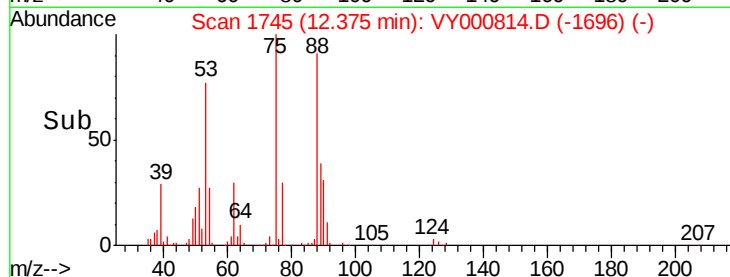
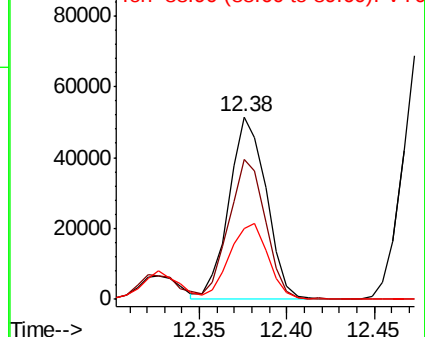
75 100

53 75.8 64.6 96.8

89 43.1 33.6 50.4



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: 47.747 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000814.D

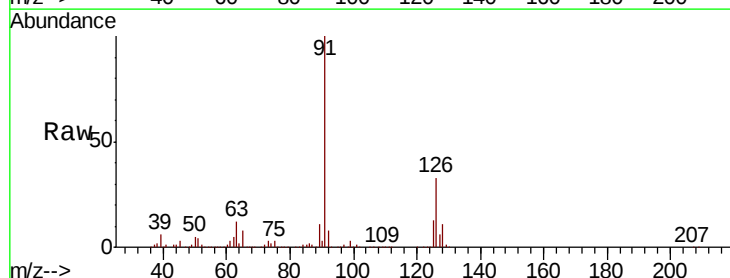
Acq: 27 Nov 2019 13:00

Tgt Ion: 91 Resp: 684213

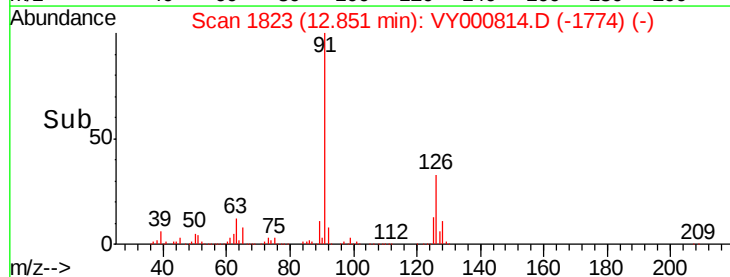
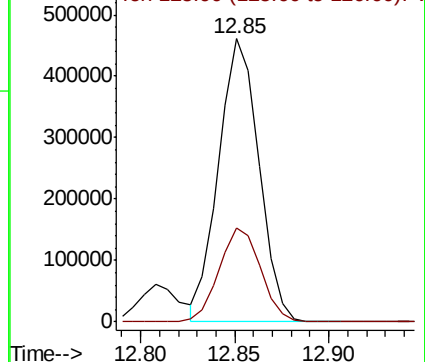
Ion Ratio Lower Upper

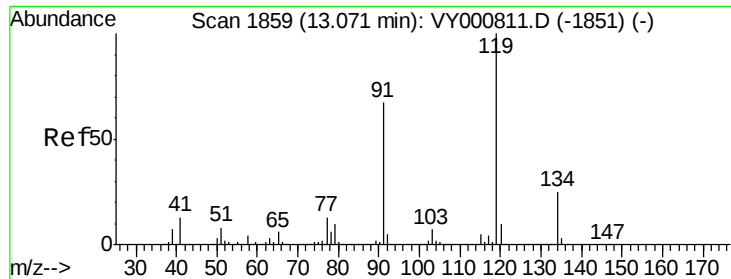
91 100

126 34.0 17.3 51.9



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

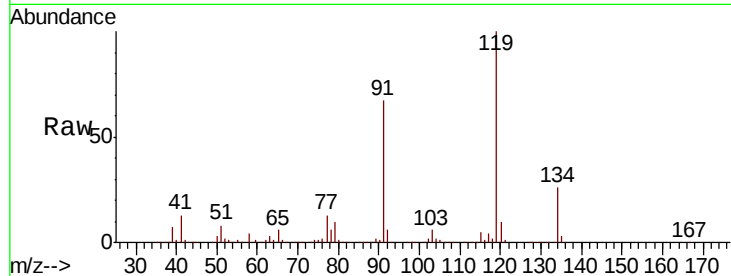




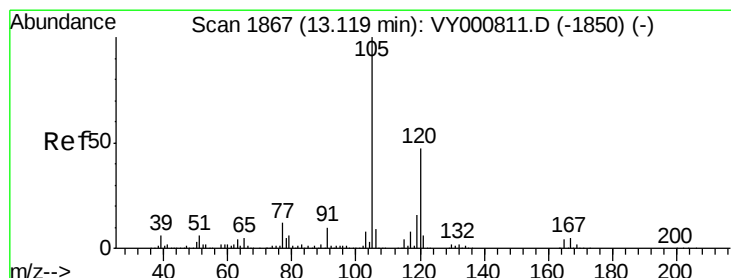
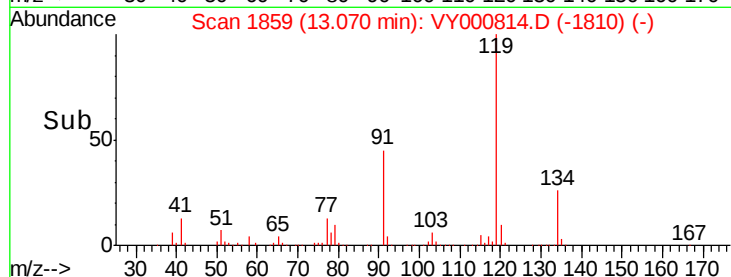
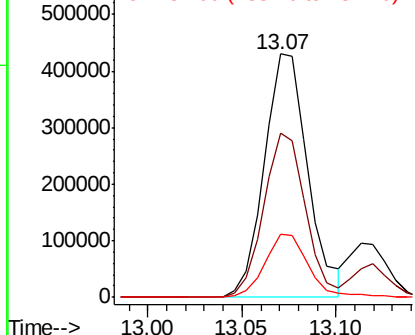
#83  
tert-Butylbenzene  
Concen: 48.047 ug/l  
RT: 13.07 min Scan# 1859  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion:119 Resp: 689658  
Ion Ratio Lower Upper  
119 100  
91 64.7 32.3 96.8  
134 26.1 12.9 38.7

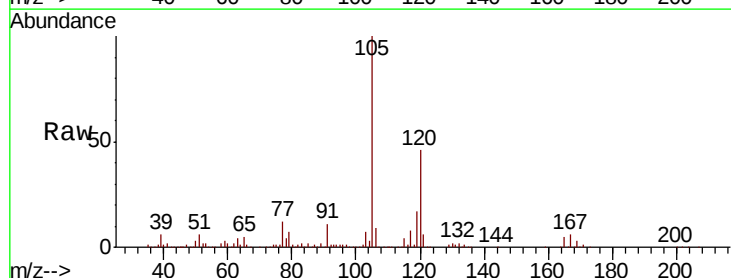


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): VY0  
Ion 134.00 (133.70 to 134.70): V

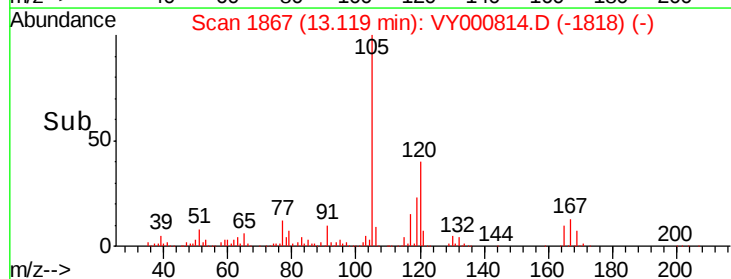
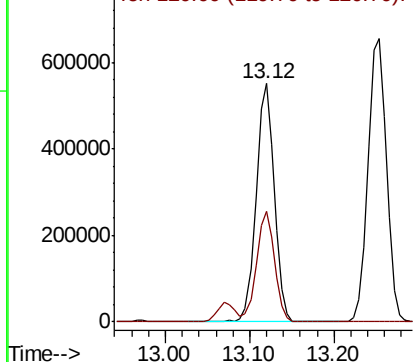


#84  
1,2,4-Trimethylbenzene  
Concen: 47.673 ug/l  
RT: 13.12 min Scan# 1867  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Tgt Ion:105 Resp: 814286  
Ion Ratio Lower Upper  
105 100  
120 46.0 22.6 67.8



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





#85

sec-Butylbenzene

Concen: 47.887 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA\_Y

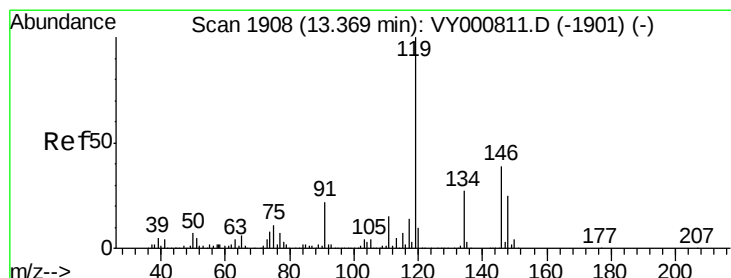
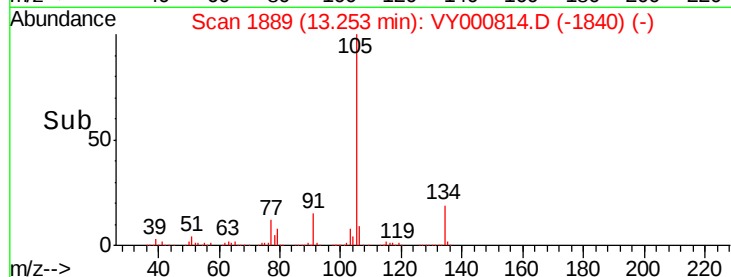
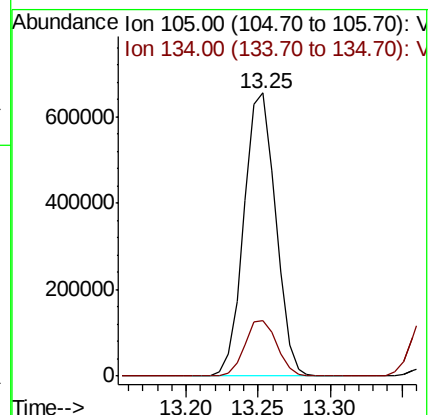
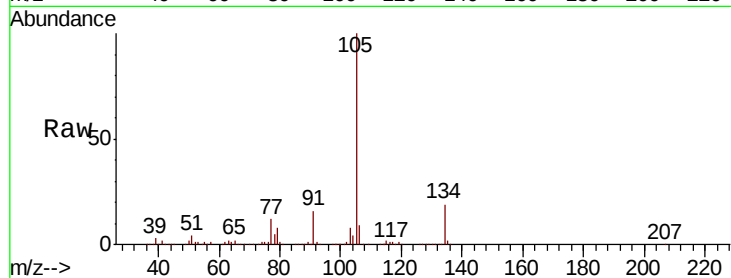
ClientSampleId :

Tot Ion:105 Resp: 999655

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 47.833 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

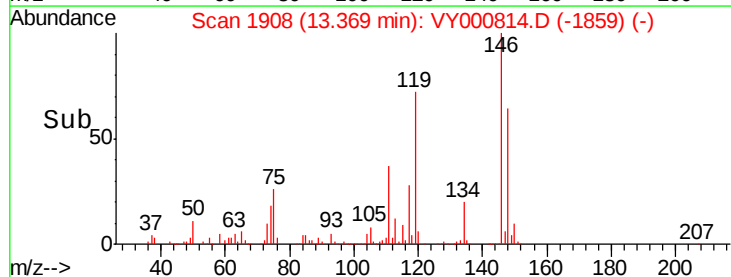
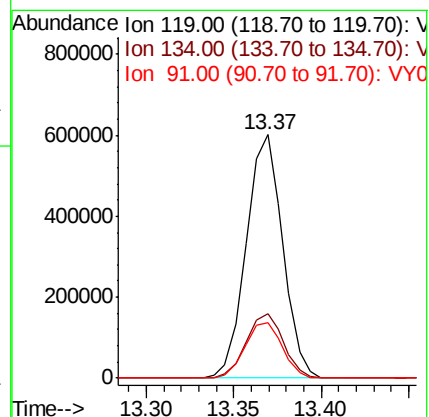
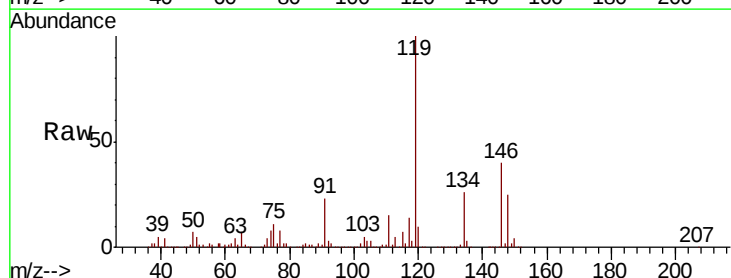
Tgt Ion:119 Resp: 868506

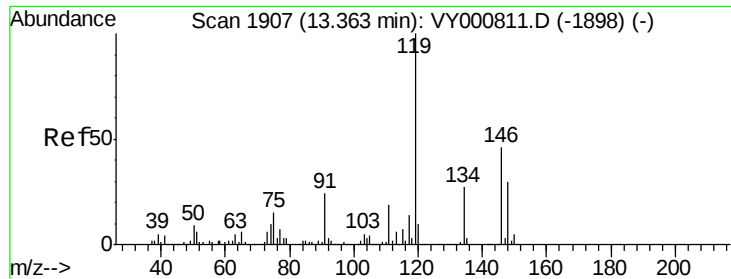
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 23.2 11.5 34.5

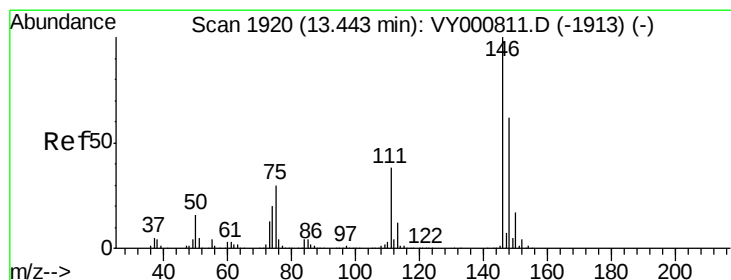
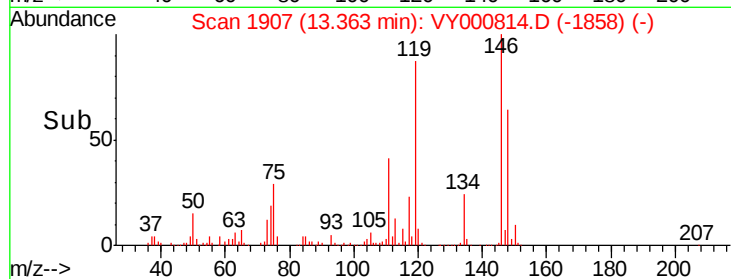
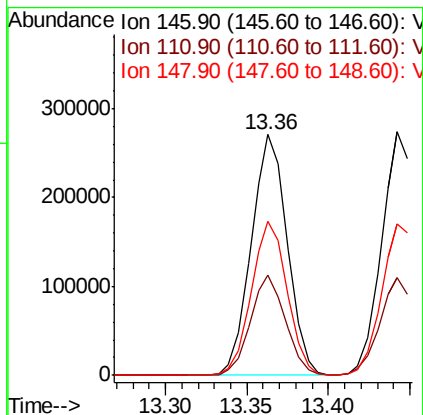
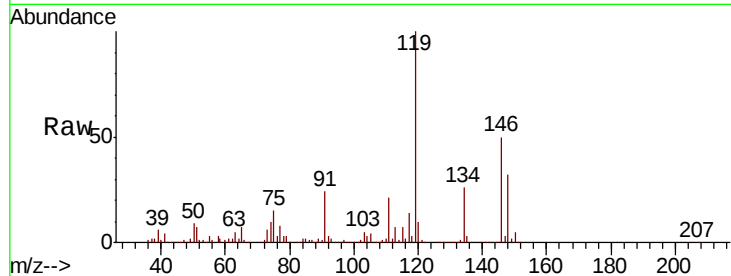




#87  
 1,3-Dichlorobenzene  
 Concen: 47.253 ug/l  
 RT: 13.36 min Scan# 1907  
 Delta R.T. -0.00 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

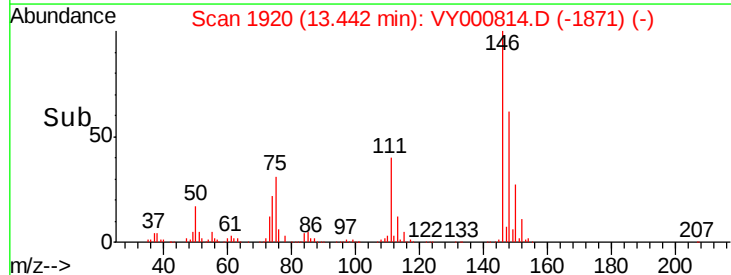
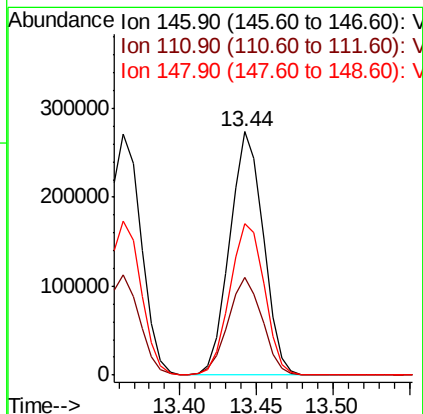
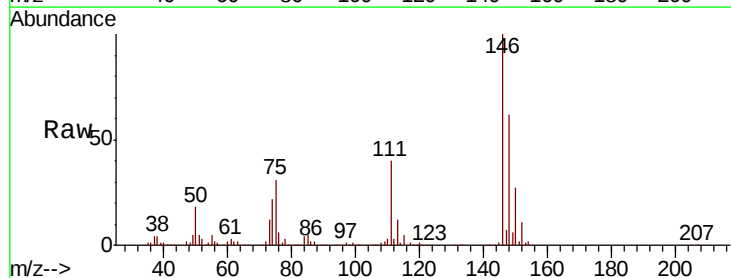
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

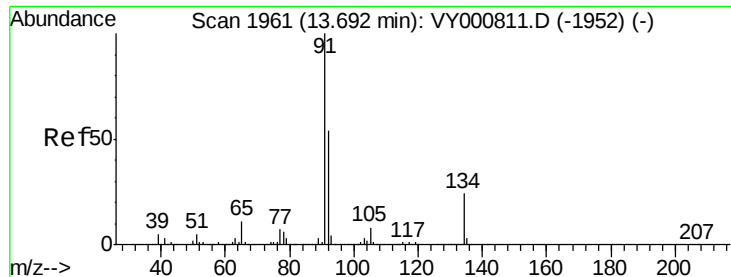
Tot Ion:146 Resp: 414316  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 20.0 60.0  
 148 63.3 32.1 96.5



#88  
 1,4-Dichlorobenzene  
 Concen: 48.004 ug/l  
 RT: 13.44 min Scan# 1920  
 Delta R.T. -0.00 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

Tgt Ion:146 Resp: 416753  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 20.0 59.9  
 148 64.4 31.7 95.1

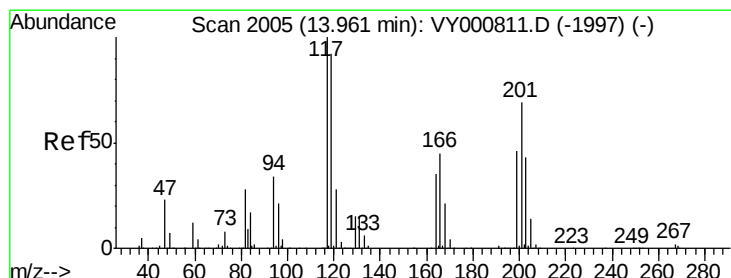
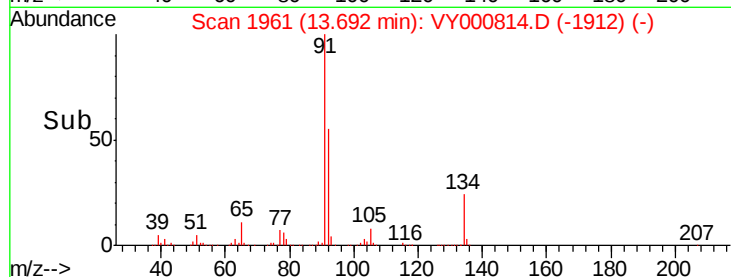
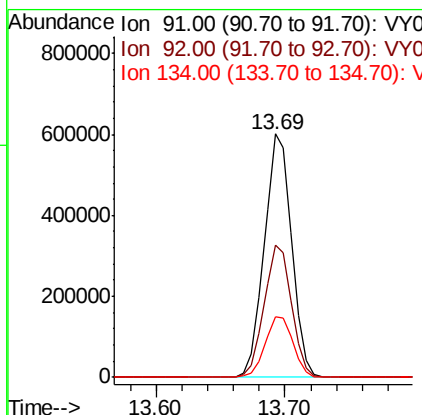
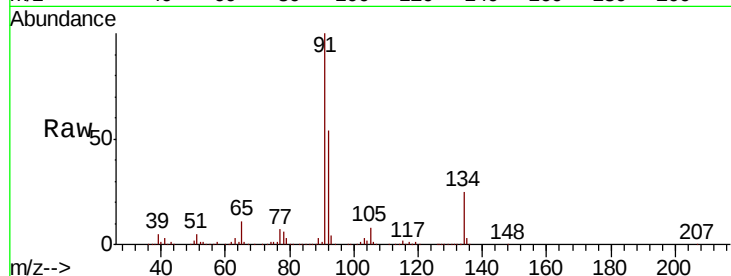




#89  
n-Butylbenzene  
Concen: 48.110 ug/l  
RT: 13.69 min Scan# 1961  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

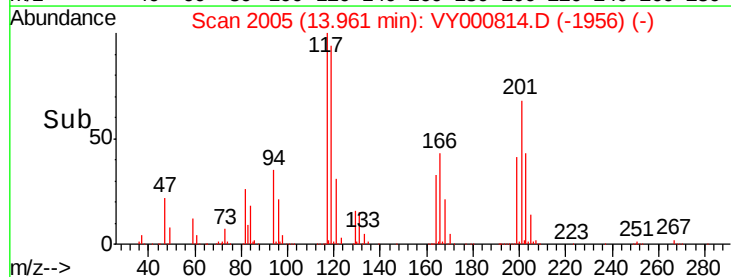
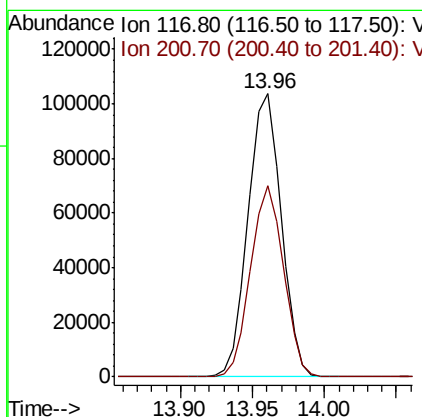
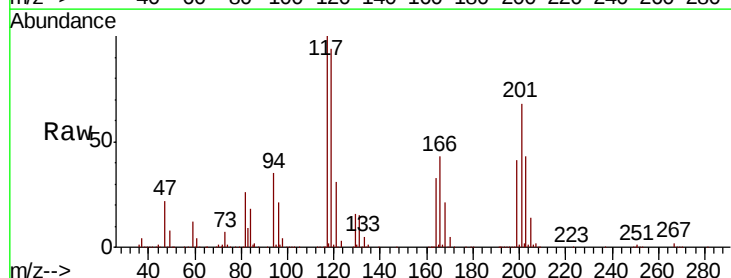
Instrument :  
MSVOA\_Y  
ClientSampleId :

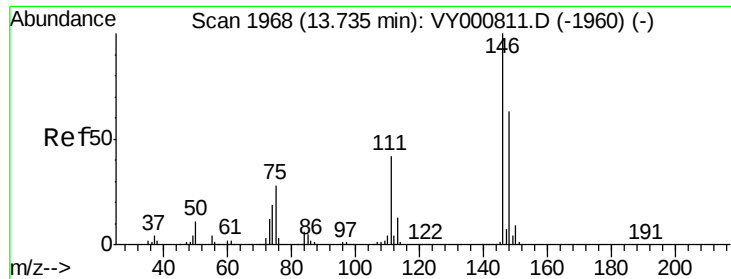
Tot Ion: 91 Resp: 883180  
Ion Ratio Lower Upper  
91 100  
92 54.4 26.9 80.7  
134 25.5 12.6 37.6



#90  
Hexachloroethane  
Concen: 49.468 ug/l  
RT: 13.96 min Scan# 2005  
Delta R.T. -0.00 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Tgt Ion: 117 Resp: 165456  
Ion Ratio Lower Upper  
117 100  
201 67.0 34.0 102.0

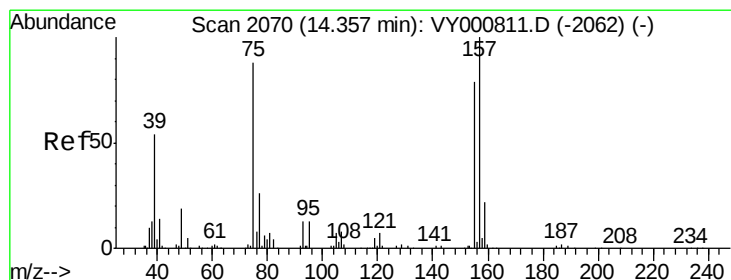
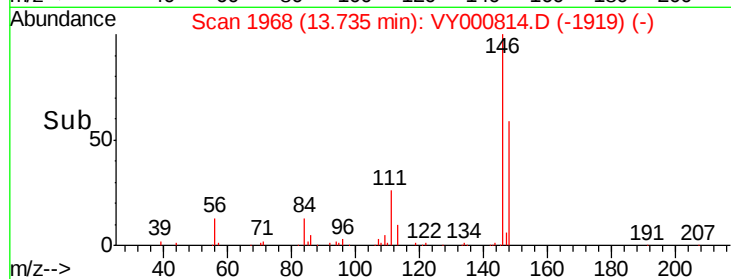
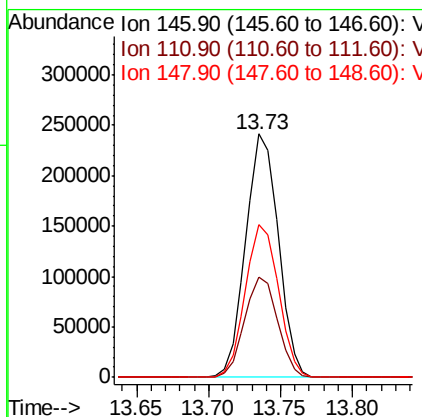
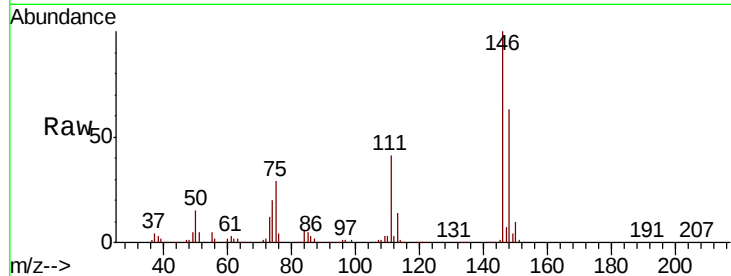




#91  
 1,2-Dichlorobenzene  
 Concen: 48.099 ug/l  
 RT: 13.73 min Scan# 1968  
 Delta R.T. -0.00 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

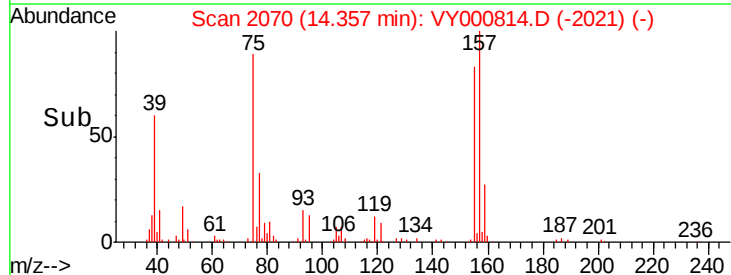
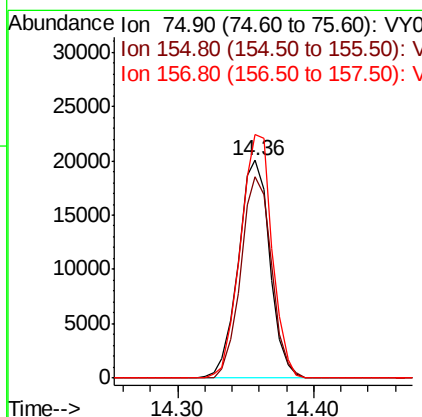
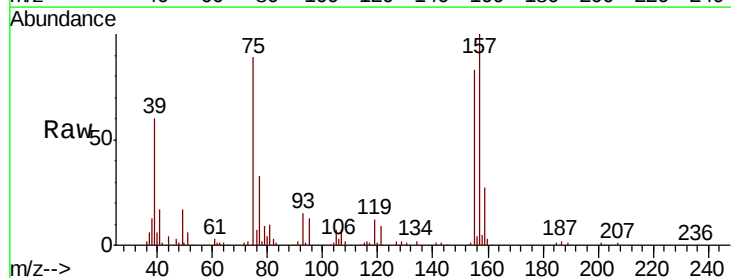
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.8  | 20.9  | 62.7  |
| 148     | 63.8  | 32.1  | 96.3  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 47.816 ug/l  
 RT: 14.36 min Scan# 2070  
 Delta R.T. -0.00 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 90.1  | 44.3  | 132.9 |
| 157     | 111.9 | 56.3  | 168.9 |

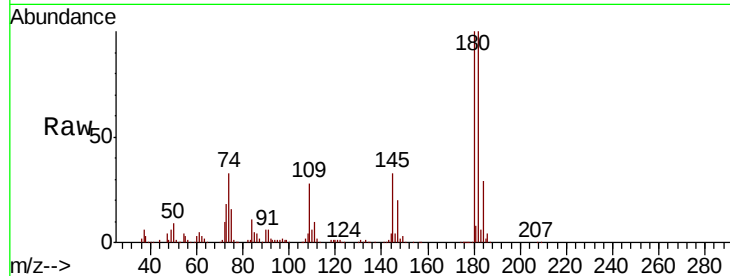




#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.355 ug/l  
 RT: 15.00 min Scan# 2176  
 Delta R.T. -0.00 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.4  | 47.3  | 141.9 |
| 145     | 31.4  | 16.0  | 47.9  |

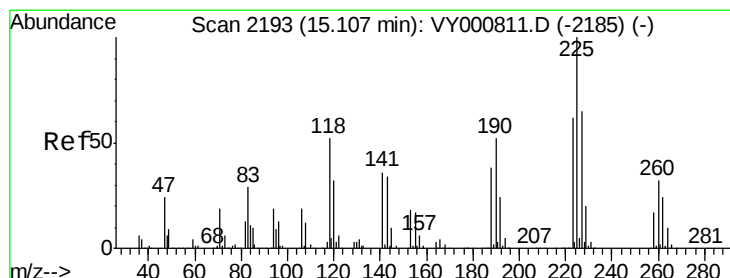
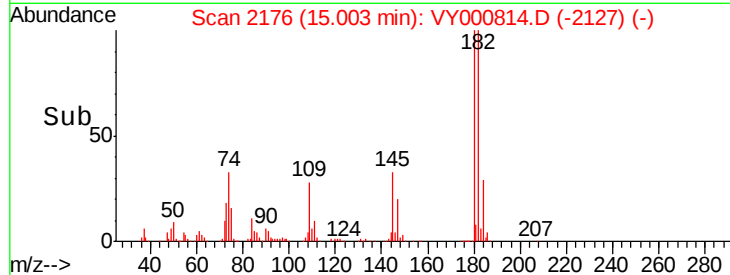
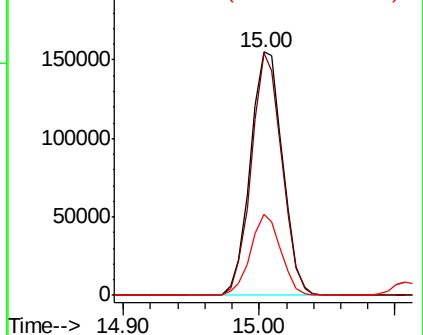


Abundance

Ion 179.80 (179.50 to 180.50): V

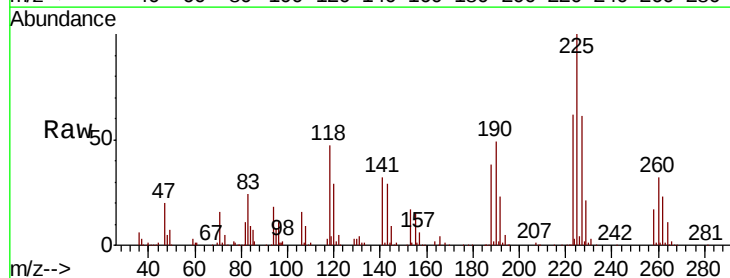
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 47.548 ug/l  
 RT: 15.11 min Scan# 2194  
 Delta R.T. 0.01 min  
 Lab File: VY000814.D  
 Acq: 27 Nov 2019 13:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.8  | 31.4  | 94.3  |
| 227     | 62.8  | 31.8  | 95.3  |

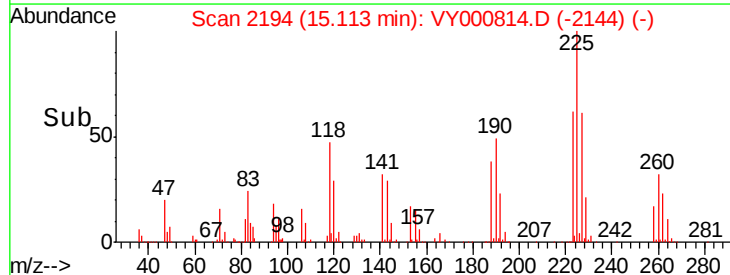
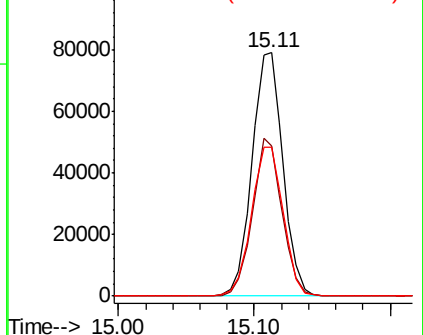


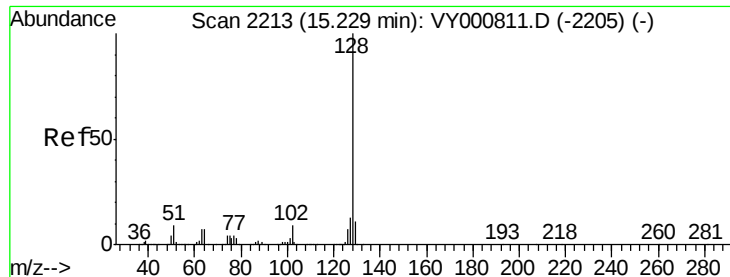
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

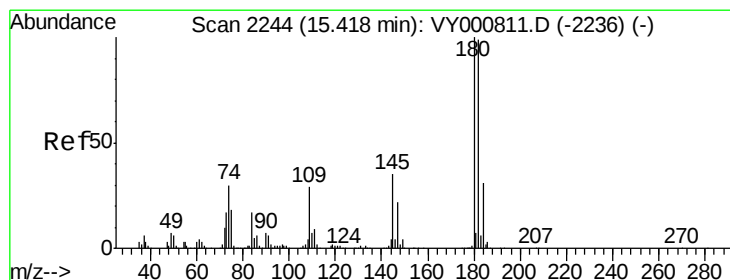
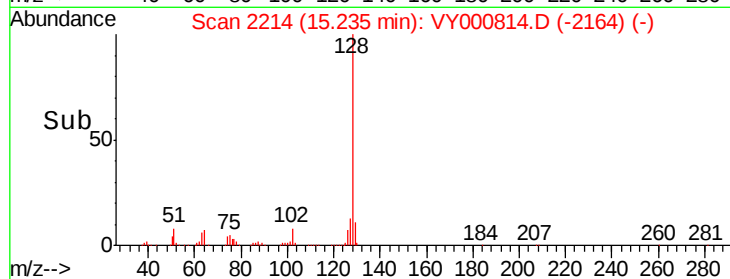
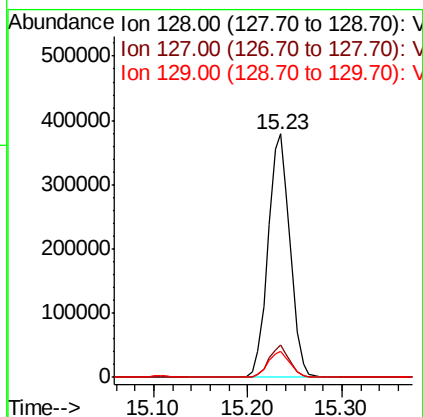
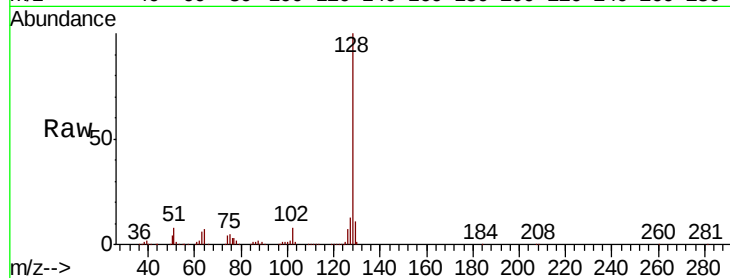




#95  
Naphthalene  
Concen: 50.107 ug/l  
RT: 15.23 min Scan# 2214  
Delta R.T. 0.01 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion:128 Resp: 620921  
Ion Ratio Lower Upper  
128 100  
127 12.4 10.1 15.1  
129 10.8 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 48.250 ug/l  
RT: 15.42 min Scan# 2245  
Delta R.T. 0.01 min  
Lab File: VY000814.D  
Acq: 27 Nov 2019 13:00

Tgt Ion:180 Resp: 230005  
Ion Ratio Lower Upper  
180 100  
182 95.7 48.0 144.0  
145 32.6 16.9 50.6

