

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042420\  
 Data File : VY002479.D  
 Acq On : 24 Apr 2020 14:02  
 Operator : SY/MD  
 Sample : VY0424SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0424SBS01

Quant Time: Apr 25 08:45:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y042320S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 23 14:11:26 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.81  | 168  | 272747   | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 436734   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 329749   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.44 | 152  | 148905   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 8.16   | 65  | 116966   | 49.07 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.14% |      |
| 35) Dibromofluoromethane    | 7.74   | 113 | 99342    | 40.33 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 80.66% |      |
| 50) Toluene-d8              | 10.19  | 98  | 439101   | 44.35 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 88.70% |      |
| 62) 4-Bromofluorobenzene    | 12.49  | 95  | 105272   | 31.69 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 63.38% |      |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85   | 40254    | 20.153  | ug/l  | 95     |
| 3) Chloromethane              | 2.13 | 50   | 42301    | 16.644  | ug/l  | 99     |
| 4) Vinyl Chloride             | 2.26 | 62   | 46461    | 25.448  | ug/l  | 98     |
| 5) Bromomethane               | 2.66 | 94   | 32308    | 31.530  | ug/l  | 96     |
| 6) Chloroethane               | 2.80 | 64   | 29710    | 32.051  | ug/l  | 97     |
| 7) Trichlorofluoromethane     | 3.14 | 101  | 88402    | 26.703  | ug/l  | 98     |
| 8) Diethyl Ether              | 3.55 | 74   | 33394    | 24.472  | ug/l  | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.93 | 101  | 52647    | 23.102  | ug/l  | 100    |
| 10) Methyl Iodide             | 4.11 | 142  | 74489    | 21.188  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 4.99 | 59   | 28743    | 128.105 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 3.89 | 96   | 53911    | 23.090  | ug/l  | 98     |
| 13) Acrolein                  | 3.75 | 56   | 21450    | 119.426 | ug/l  | 99     |
| 14) Allyl chloride            | 4.50 | 41   | 76967    | 22.431  | ug/l  | 95     |
| 15) Acrylonitrile             | 5.19 | 53   | 78587    | 120.363 | ug/l  | 99     |
| 16) Acetone                   | 3.97 | 43   | 60884    | 122.209 | ug/l  | 95     |
| 17) Carbon Disulfide          | 4.21 | 76   | 156498   | 21.496  | ug/l  | 99     |
| 18) Methyl Acetate            | 4.50 | 43   | 38979    | 24.314  | ug/l  | 98     |
| 19) Methyl tert-butyl Ether   | 5.24 | 73   | 146883   | 23.313  | ug/l  | 99     |
| 20) Methylene Chloride        | 4.74 | 84   | 60613    | 21.310  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 5.24 | 96   | 58146    | 22.120  | ug/l  | 99     |
| 22) Diisopropyl ether         | 6.14 | 45   | 155940   | 22.985  | ug/l  | 99     |
| 23) Vinyl Acetate             | 6.09 | 43   | 506596   | 117.513 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 6.05 | 63   | 90156    | 21.949  | ug/l  | 98     |
| 25) 2-Butanone                | 7.01 | 43   | 78670    | 103.074 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 7.01 | 77   | 77803    | 19.806  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 7.01 | 96   | 57470    | 20.101  | ug/l  | 98     |
| 28) Bromochloromethane        | 7.36 | 49   | 30292    | 18.904  | ug/l  | 94     |
| 29) Tetrahydrofuran           | 7.37 | 42   | 49822    | 98.457  | ug/l  | 96     |
| 30) Chloroform                | 7.53 | 83   | 85723    | 19.601  | ug/l  | 100    |
| 31) Cyclohexane               | 7.81 | 56   | 77613    | 18.896  | ug/l  | # 92   |
| 32) 1,1,1-Trichloroethane     | 7.72 | 97   | 80076    | 19.377  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.94 | 75   | 70961    | 18.949  | ug/l  | 98     |
| 37) Ethyl Acetate             | 7.10 | 43   | 36554    | 19.430  | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 7.92 | 117  | 80959    | 18.800  | ug/l  | 97     |

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 Sample : VY0424SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
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Quant Time: Apr 25 08:45:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y042320S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 23 14:11:26 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.20  | 83   | 95285    | 19.505  | ug/l   | 99       |
| 40) Benzene                    | 8.18  | 78   | 222207   | 20.530  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.35  | 41   | 21354m   | 18.423  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.25  | 62   | 65382    | 20.795  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.29  | 43   | 75749    | 21.527  | ug/l   | 98       |
| 44) Trichloroethene            | 8.96  | 130  | 68211    | 20.155  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.23  | 63   | 50662    | 20.309  | ug/l   | 98       |
| 46) Dibromomethane             | 9.32  | 93   | 30703    | 21.037  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.52  | 83   | 74497    | 20.411  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.31  | 41   | 34721    | 21.615  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.31  | 88   | 9128     | 490.759 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 200816   | 109.876 | ug/l   | 100      |
| 52) Toluene                    | 10.25 | 92   | 137849   | 19.785  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.48 | 75   | 81233    | 21.193  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 90156    | 20.550  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.66 | 97   | 38050    | 17.633  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 62405    | 21.165  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 63383    | 17.398  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.80  | 63   | 156245   | 109.579 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.84 | 43   | 115881   | 90.962  | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.00 | 129  | 48351    | 17.100  | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 36016    | 16.831  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.73 | 164  | 60899    | 20.151  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.53 | 112  | 131611   | 20.703  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 49868    | 20.907  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.60 | 91   | 227814   | 20.108  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.71 | 106  | 173915   | 39.875  | ug/l   | 99       |
| 69) o-Xylene                   | 12.04 | 106  | 70250    | 17.393  | ug/l   | 99       |
| 70) Styrene                    | 12.05 | 104  | 122510   | 17.420  | ug/l   | 98       |
| 71) Bromoform                  | 12.22 | 173  | 26964    | 17.945  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.34 | 105  | 195521   | 19.640  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.15 | 43   | 41591    | 17.631  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.59 | 83   | 27712    | 18.125  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 21620m   | 17.131  | ug/l   |          |
| 77) Bromobenzene               | 12.62 | 156  | 49774    | 19.936  | ug/l   | 95       |
| 78) n-propylbenzene            | 12.68 | 91   | 217393   | 18.808  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.77 | 91   | 121902   | 19.274  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.82 | 105  | 168311   | 19.920  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75   | 12541    | 18.388  | ug/l # | 87       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 129961   | 19.881  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.08 | 119  | 146876   | 20.018  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 168056   | 20.732  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.26 | 105  | 196523   | 20.003  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 191346   | 20.423  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.37 | 146  | 96147    | 20.821  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 94240    | 20.524  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.70 | 91   | 164310   | 19.011  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.97 | 117  | 32273    | 19.057  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene        | 13.75 | 146  | 84712    | 21.302  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 6397     | 21.075  | ug/l   | 98       |

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Operator : SY/MD  
Sample : VY0424SBS01  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

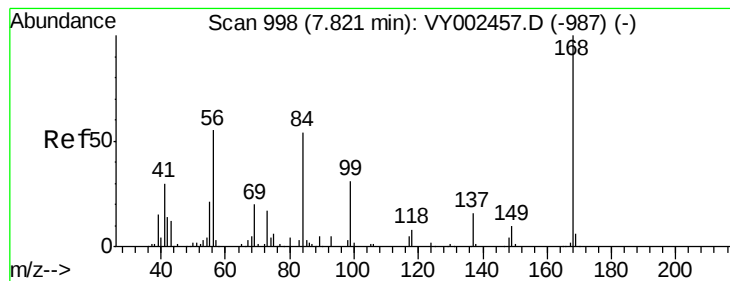
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0424SBS01

Quant Time: Apr 25 08:45:48 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y042320S.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 23 14:11:26 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180  | 68033    | 21.676 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.12 | 225  | 41583    | 21.953 | ug/l  | 99       |
| 95) Naphthalene            | 15.25 | 128  | 128483   | 22.072 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.44 | 180  | 52332    | 19.657 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

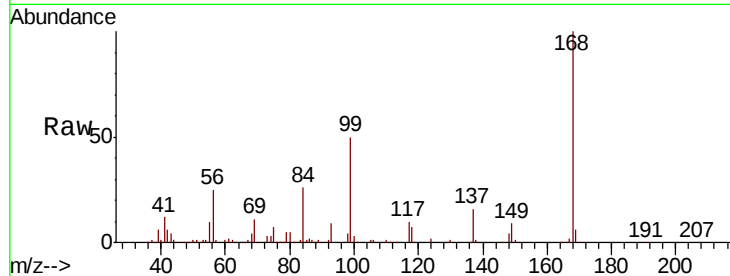
VY0424SBS01

Tot Ion:168 Resp: 272747

Ion Ratio Lower Upper

168 100

99 49.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.81

150000

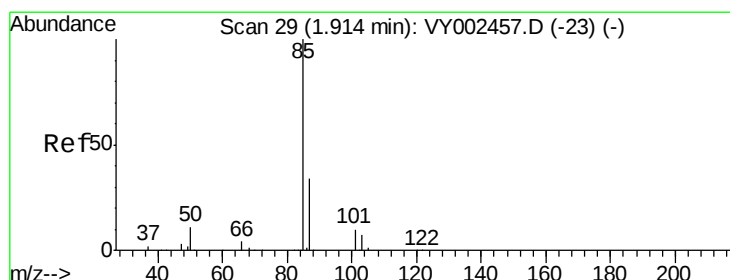
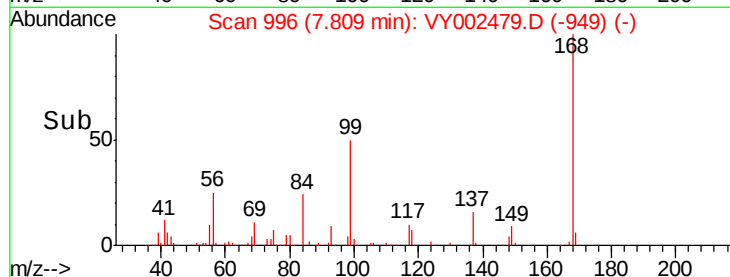
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.153 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY002479.D

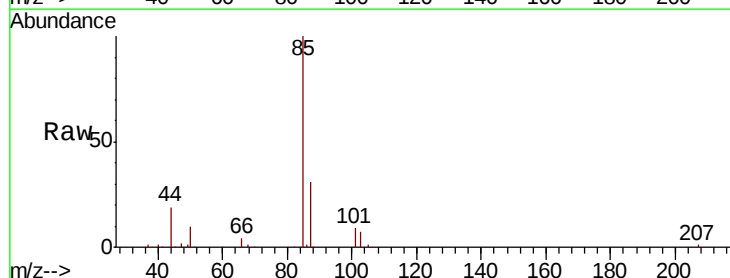
Acq: 24 Apr 2020 14:02

Tgt Ion: 85 Resp: 40254

Ion Ratio Lower Upper

85 100

87 31.4 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VY002457.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY002457.D (-23) (-)

1.91

30000

25000

20000

15000

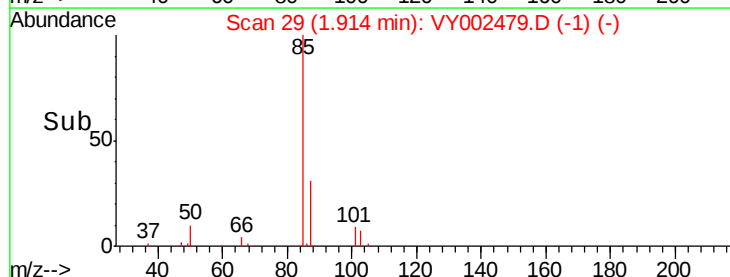
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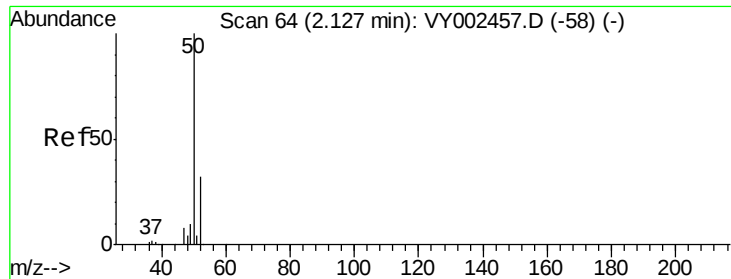
5000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 16.644 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

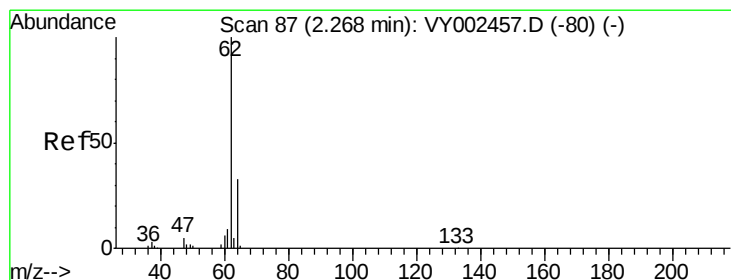
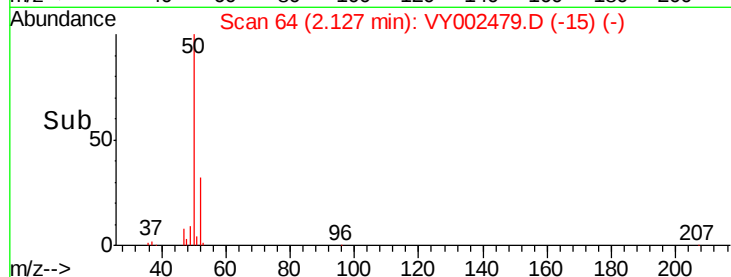
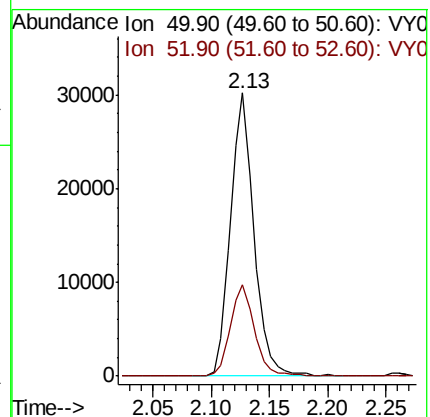
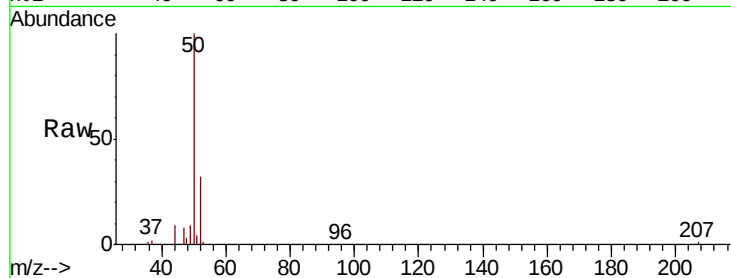
VY0424SBS01

Tot Ion: 50 Resp: 42301

Ion Ratio Lower Upper

50 100

52 32.3 25.2 37.8



#4

Vinyl Chloride

Concen: 25.448 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002479.D

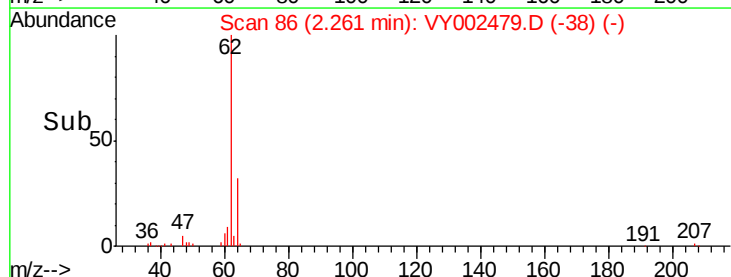
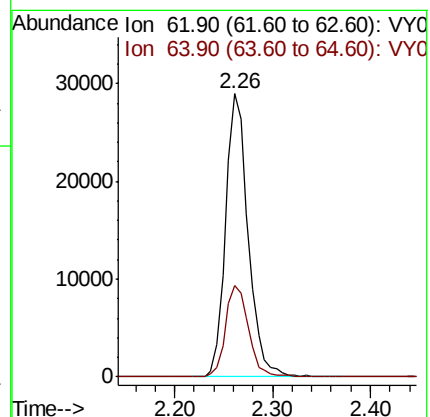
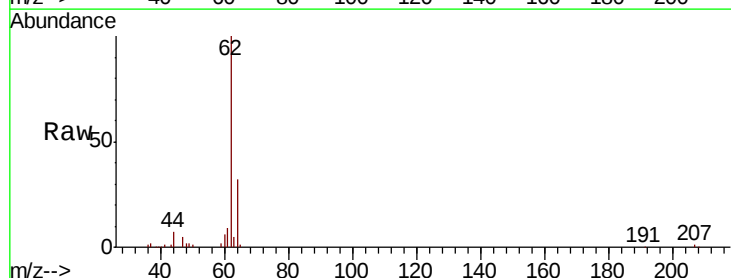
Acq: 24 Apr 2020 14:02

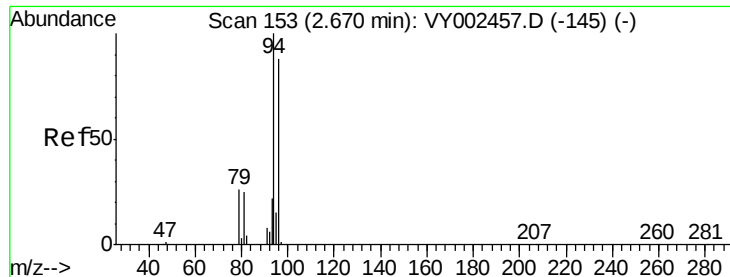
Tgt Ion: 62 Resp: 46461

Ion Ratio Lower Upper

62 100

64 32.1 26.6 39.8





#5

Bromomethane

Concen: 31.530 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

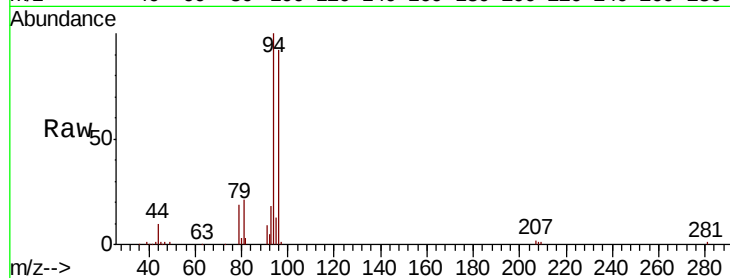
VY0424SBS01

Tot Ion: 94 Resp: 32308

Ion Ratio Lower Upper

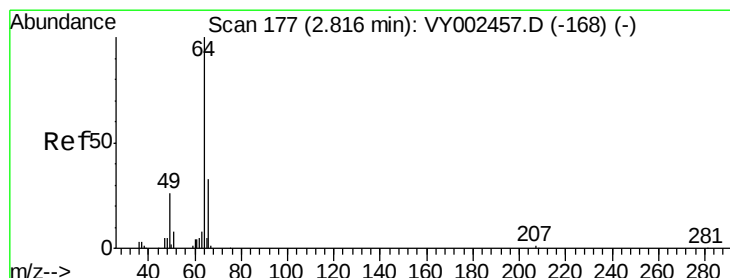
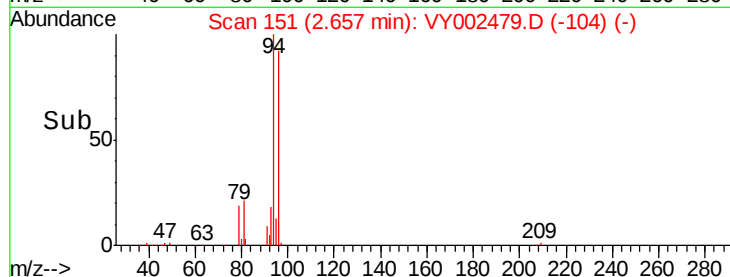
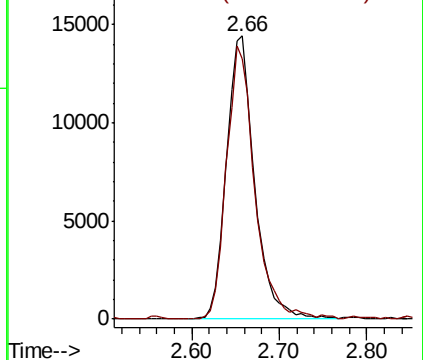
94 100

96 91.8 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 32.051 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY002479.D

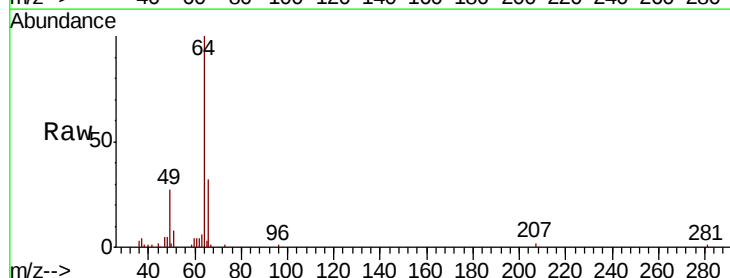
Acq: 24 Apr 2020 14:02

Tgt Ion: 64 Resp: 29710

Ion Ratio Lower Upper

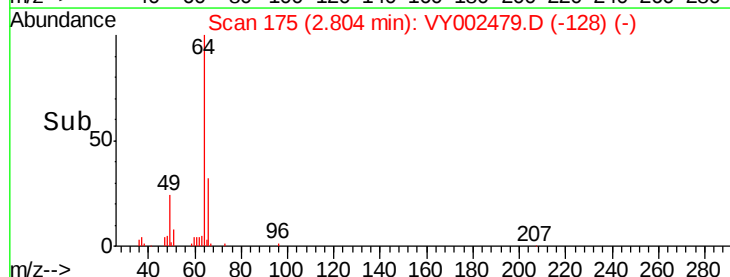
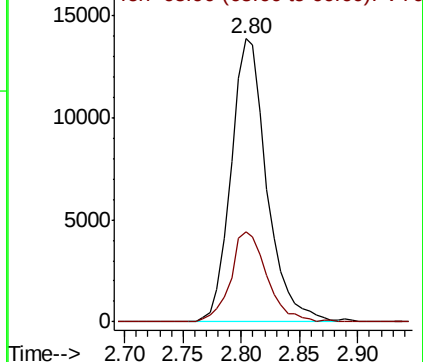
64 100

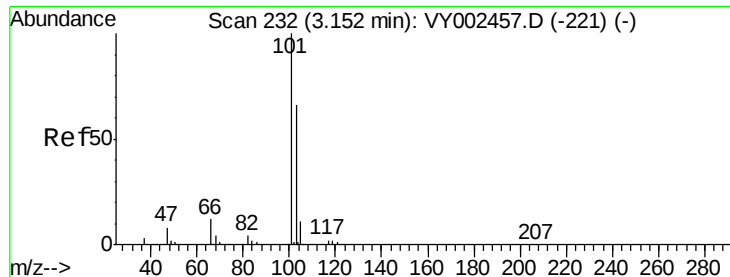
66 31.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



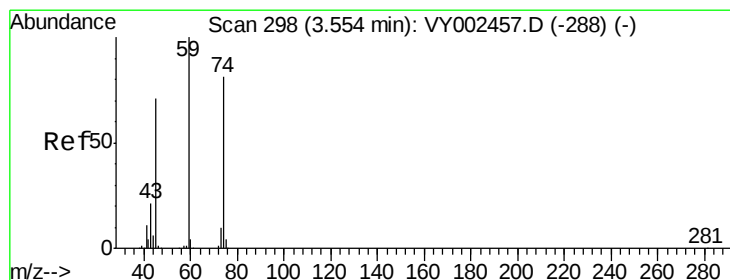
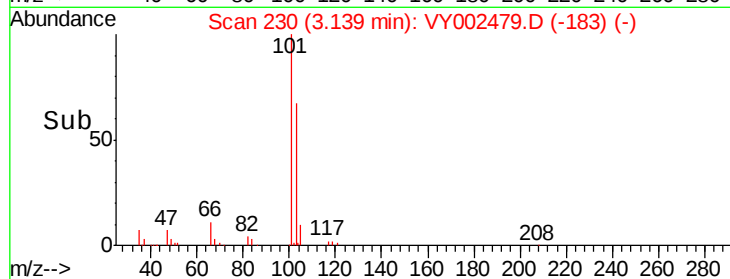
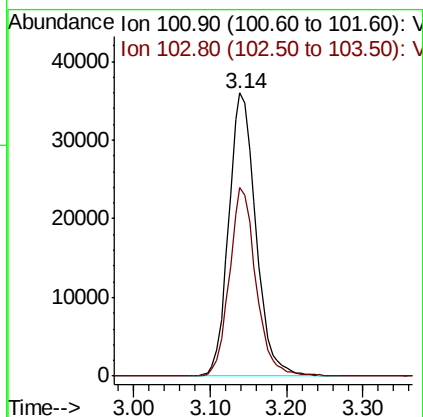
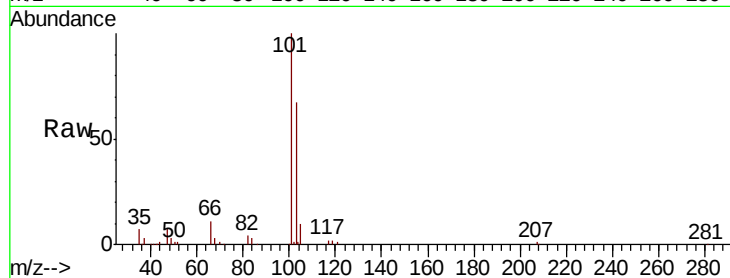


#7

Trichlorofluoromethane  
Concen: 26.703 ug/l  
RT: 3.14 min Scan# 230  
Delta R.T. -0.01 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0424SBS01

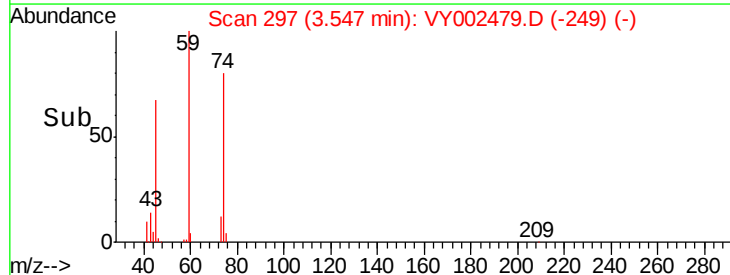
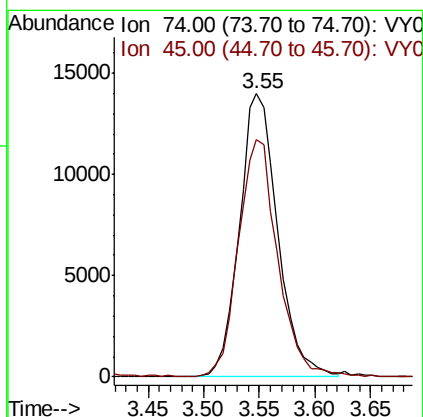
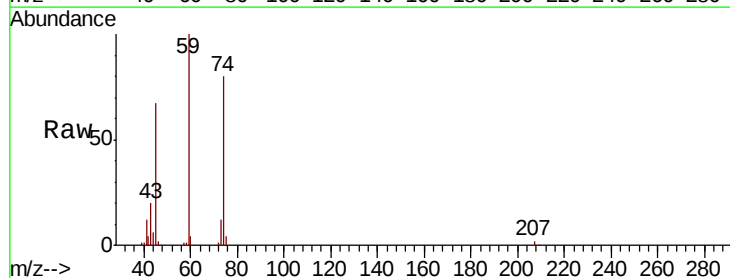
Tot Ion:101 Resp: 88402  
Ion Ratio Lower Upper  
101 100  
103 66.8 52.5 78.7

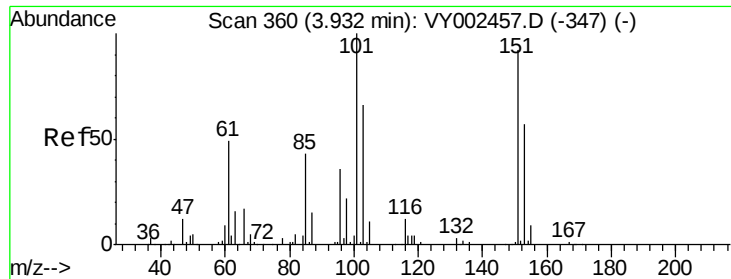


#8

Diethyl Ether  
Concen: 24.472 ug/l  
RT: 3.55 min Scan# 297  
Delta R.T. -0.01 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

Tgt Ion: 74 Resp: 33394  
Ion Ratio Lower Upper  
74 100  
45 86.1 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.102 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

VY0424SBS01

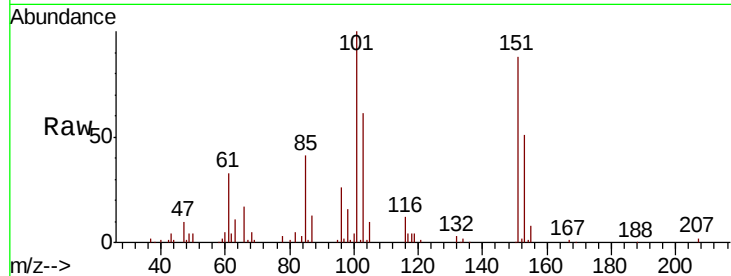
Tot Ion:101 Resp: 52647

Ion Ratio Lower Upper

101 100

85 42.2 34.1 51.1

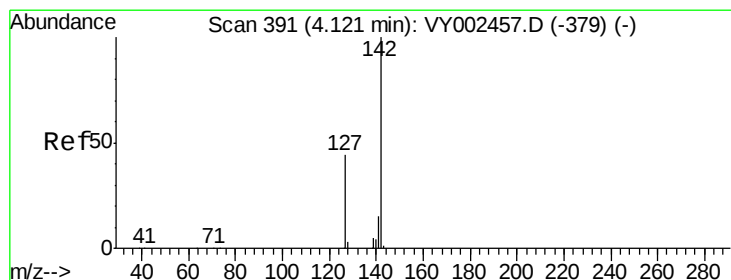
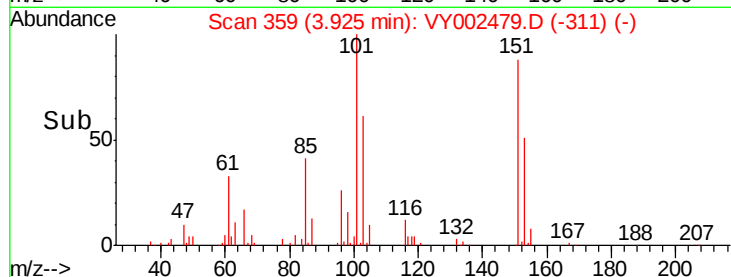
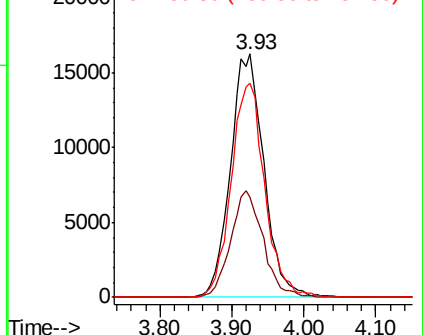
151 87.9 70.3 105.5



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: 21.188 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

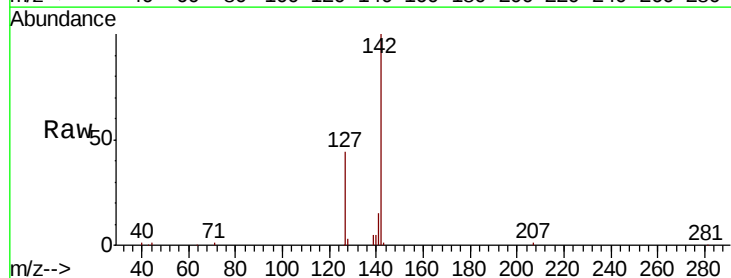
Tgt Ion:142 Resp: 74489

Ion Ratio Lower Upper

142 100

127 43.9 35.8 53.8

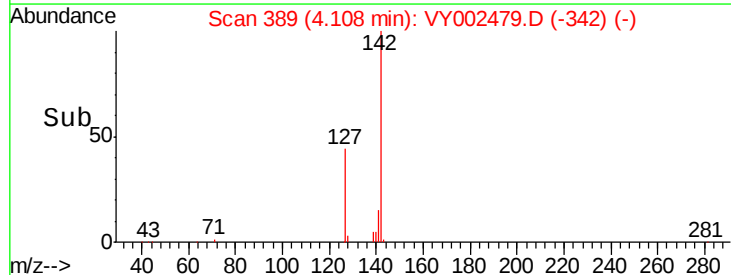
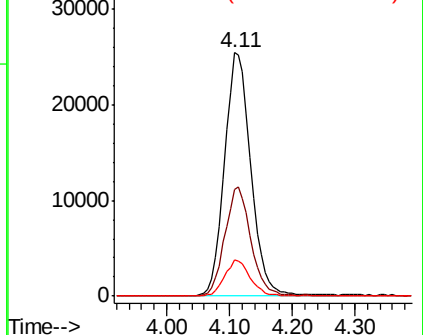
141 14.3 11.6 17.4

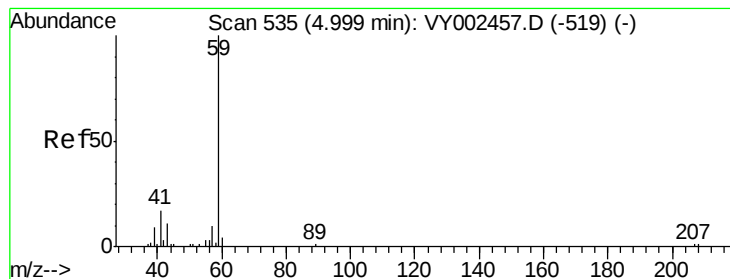


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



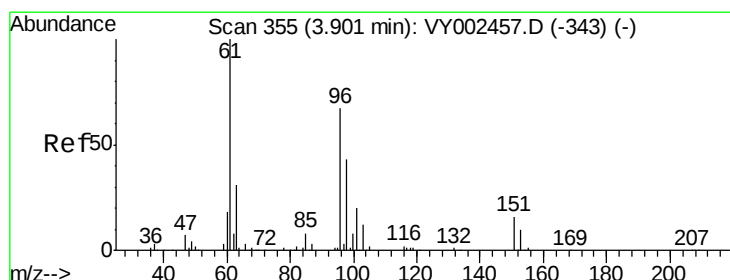
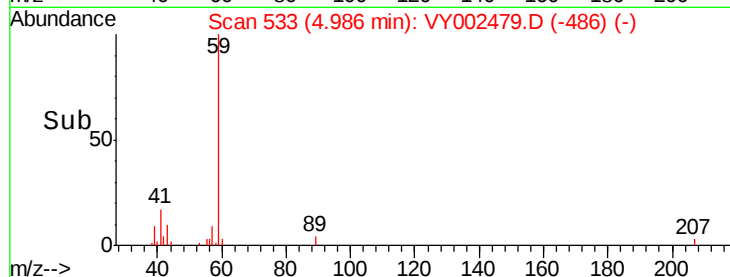
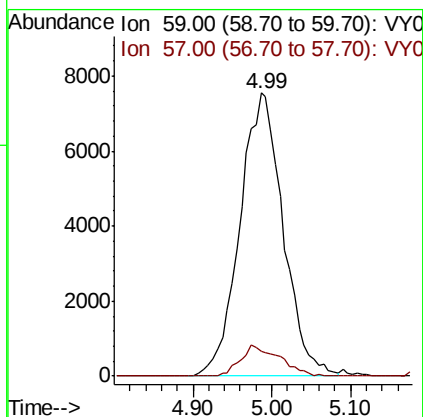
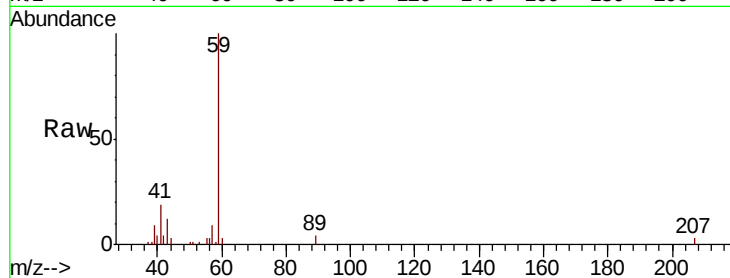


#11

Tert butyl alcohol  
 Concen: 128.105 ug/l  
 RT: 4.99 min Scan# 533  
 Delta R.T. -0.01 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0424SBS01

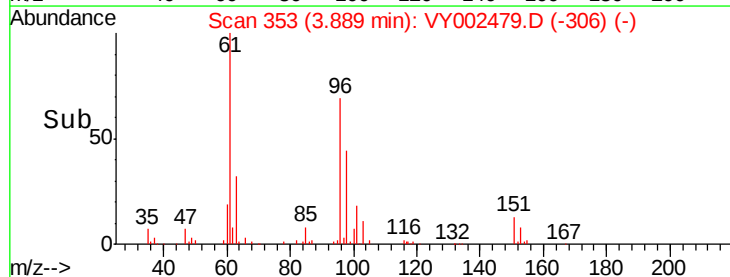
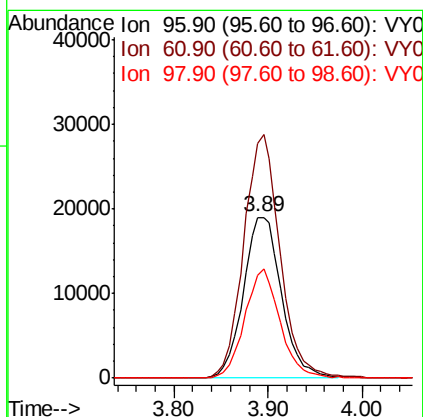
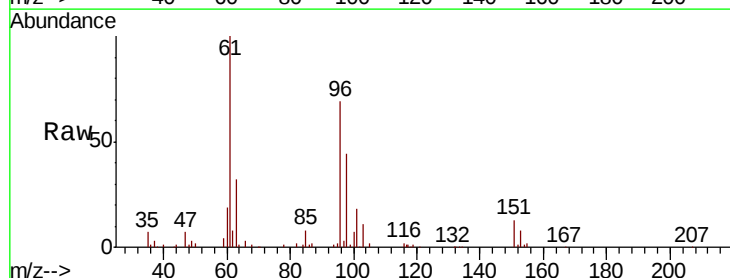
Tot Ion: 59 Resp: 28743  
 Ion Ratio Lower Upper  
 59 100  
 57 9.8 8.4 12.6

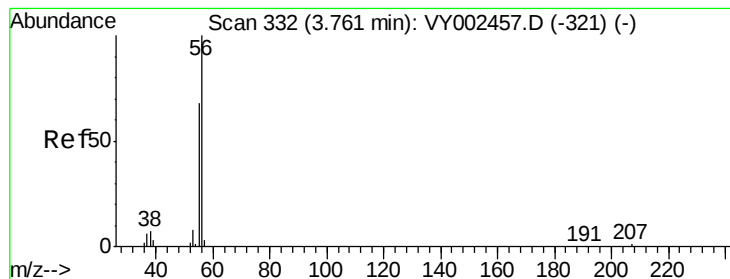


#12

1,1-Dichloroethene  
 Concen: 23.090 ug/l  
 RT: 3.89 min Scan# 353  
 Delta R.T. -0.01 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

Tgt Ion: 96 Resp: 53911  
 Ion Ratio Lower Upper  
 96 100  
 61 145.9 119.0 178.6  
 98 64.2 51.4 77.2





#13

Acrolein

Concen: 119.426 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

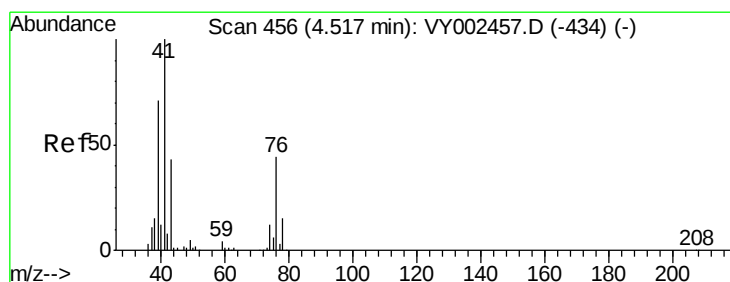
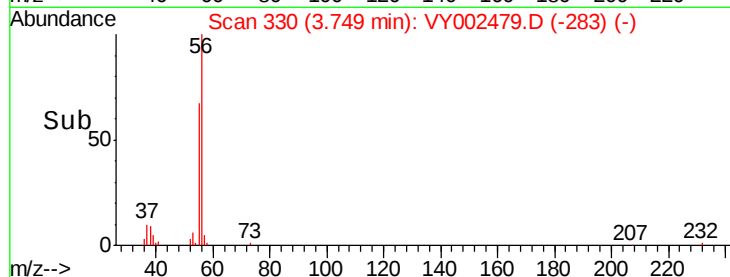
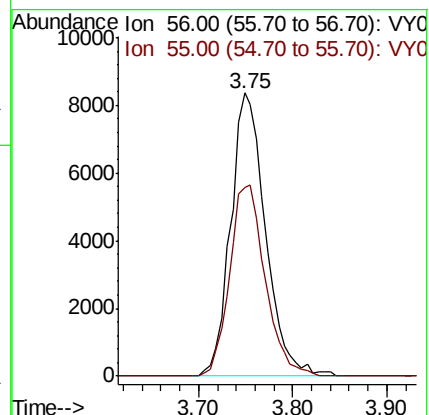
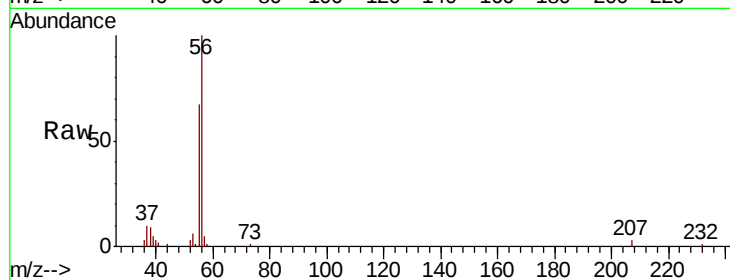
VY0424SBS01

Tot Ion: 56 Resp: 21450

Ion Ratio Lower Upper

56 100

55 68.8 55.8 83.6



#14

Allyl chloride

Concen: 22.431 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

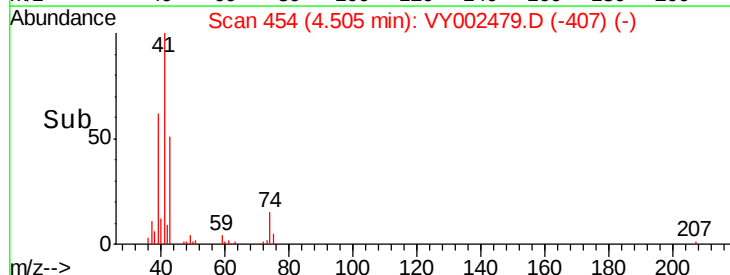
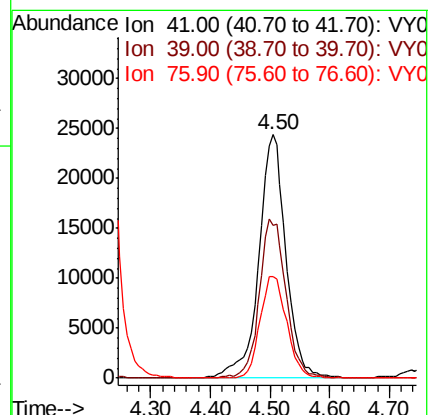
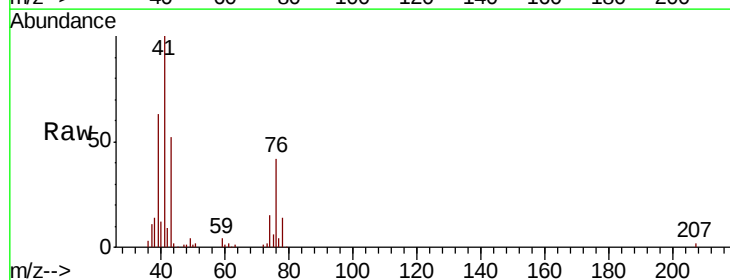
Tgt Ion: 41 Resp: 76967

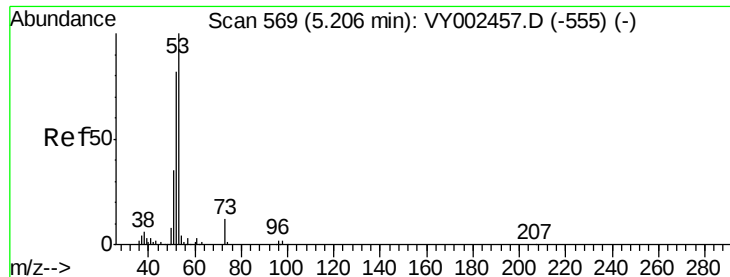
Ion Ratio Lower Upper

41 100

39 64.3 55.1 82.7

76 41.0 34.3 51.5





#15

Acrylonitrile

Concen: 120.363 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

VY0424SBS01

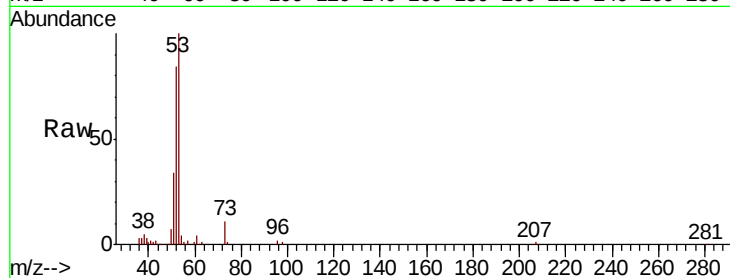
Tot Ion: 53 Resp: 78587

Ion Ratio Lower Upper

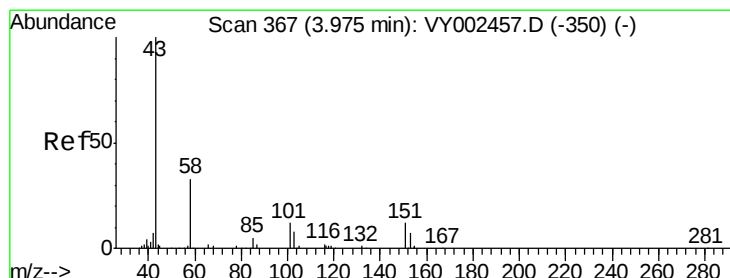
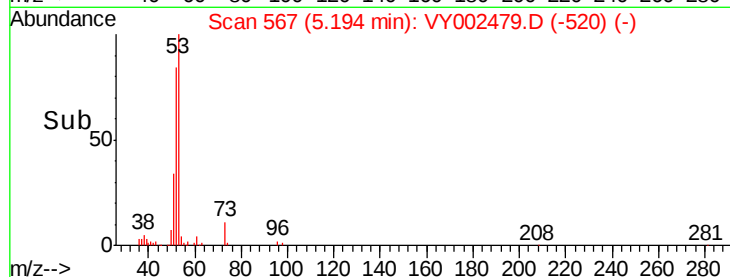
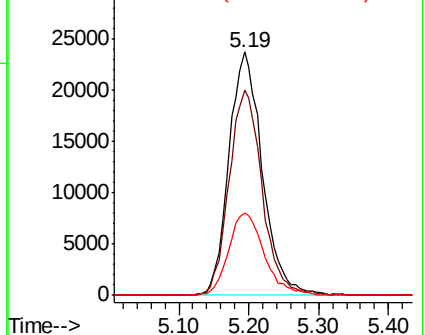
53 100

52 83.2 65.4 98.2

51 36.0 28.3 42.5



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: 122.209 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VY002479.D

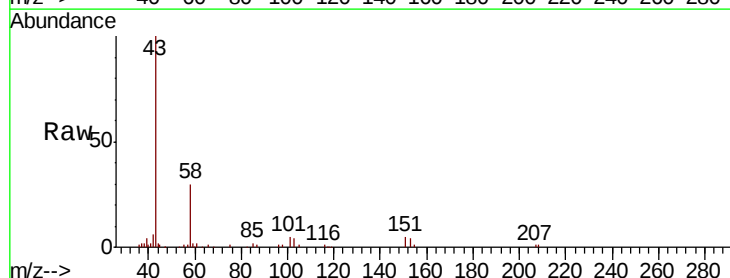
Acq: 24 Apr 2020 14:02

Tgt Ion: 43 Resp: 60884

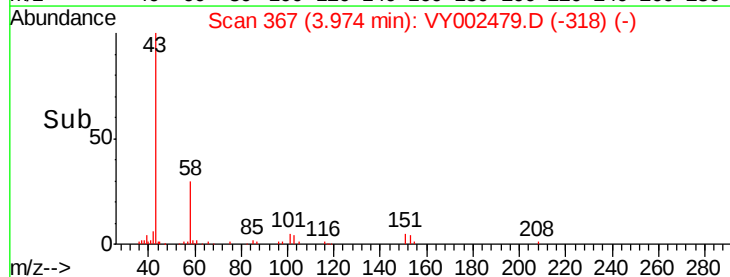
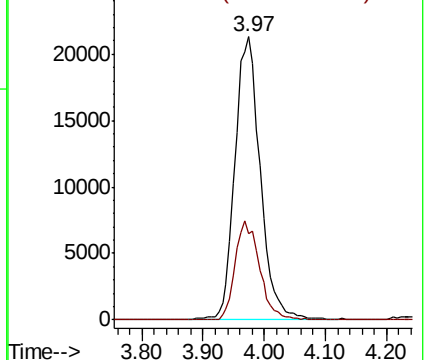
Ion Ratio Lower Upper

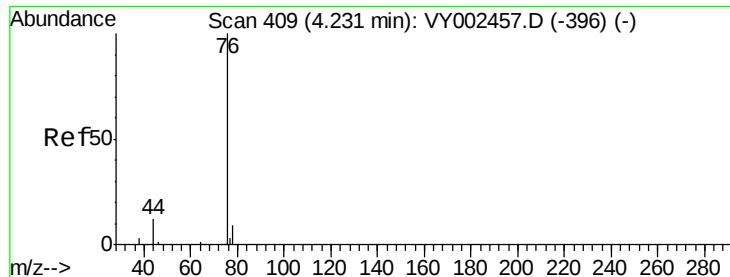
43 100

58 30.4 26.4 39.6



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

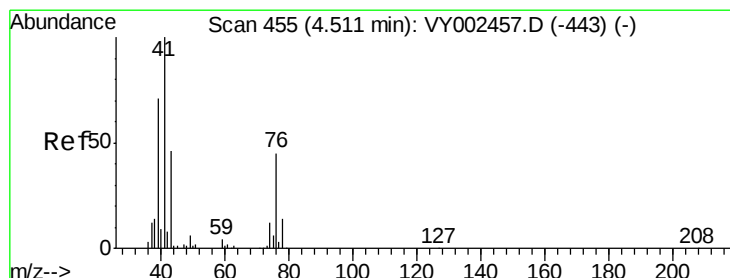
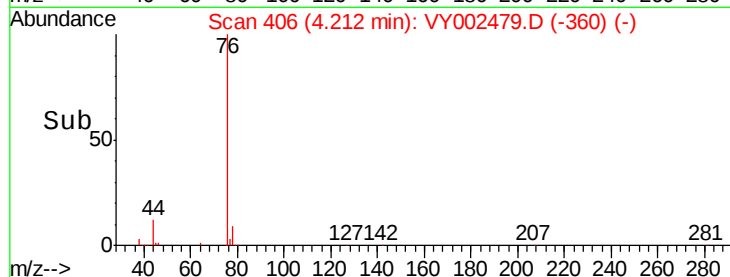
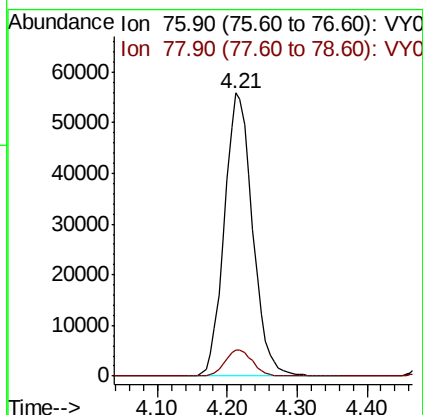
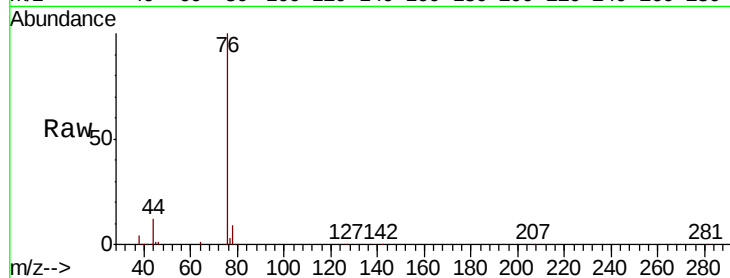




#17  
Carbon Disulfide  
Concen: 21.496 ug/l  
RT: 4.21 min Scan# 406  
Delta R.T. -0.02 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

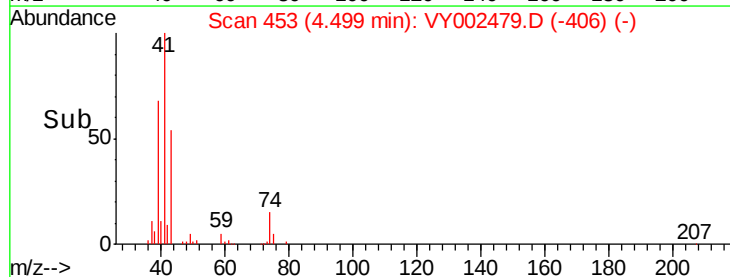
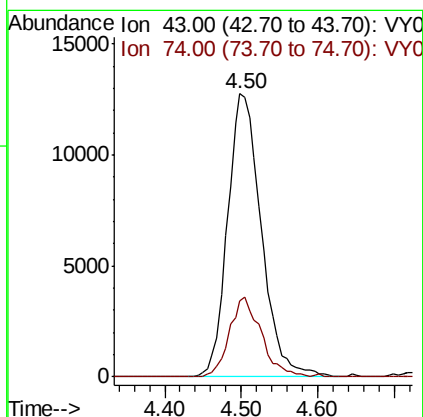
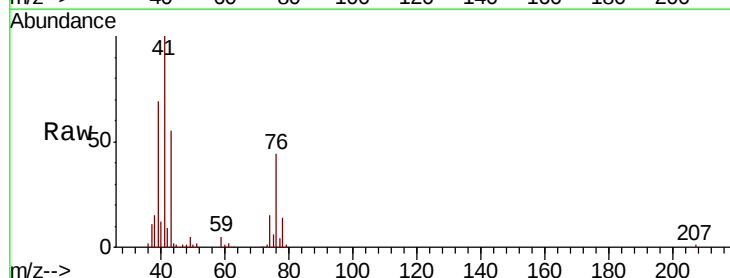
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0424SBS01

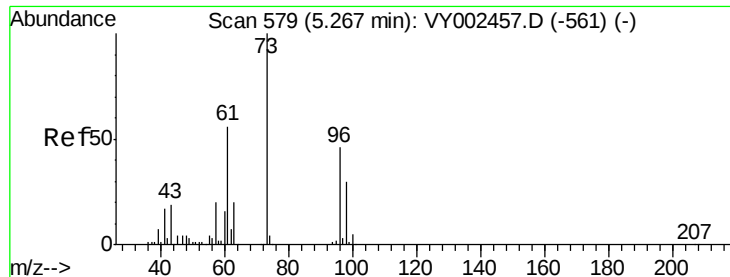
Tot Ion: 76 Resp: 156498  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.3 10.9



#18  
Methyl Acetate  
Concen: 24.314 ug/l  
RT: 4.50 min Scan# 453  
Delta R.T. -0.01 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

Tgt Ion: 43 Resp: 38979  
Ion Ratio Lower Upper  
43 100  
74 26.5 22.0 33.0

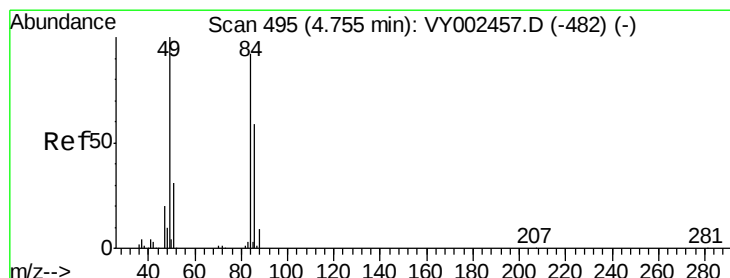
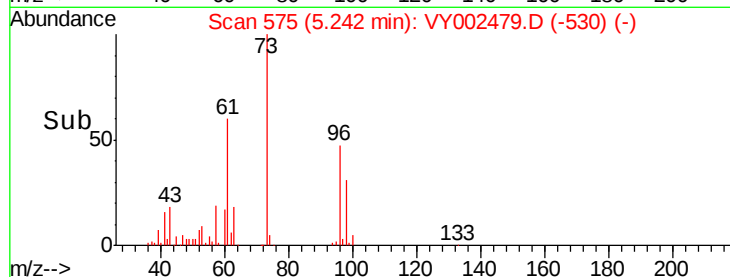
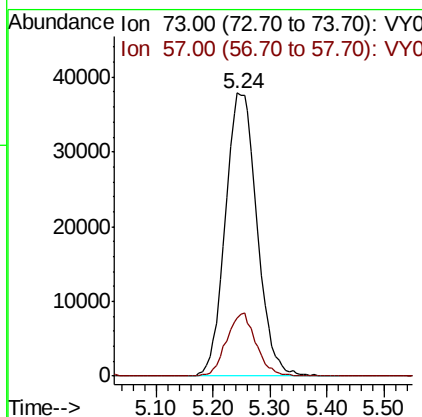
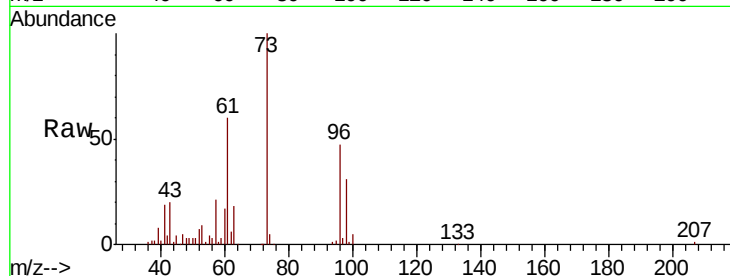




#19  
Methvl tert-butvl Ether  
Concen: 23.313 ug/l  
RT: 5.24 min Scan# 575  
Delta R.T. -0.02 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

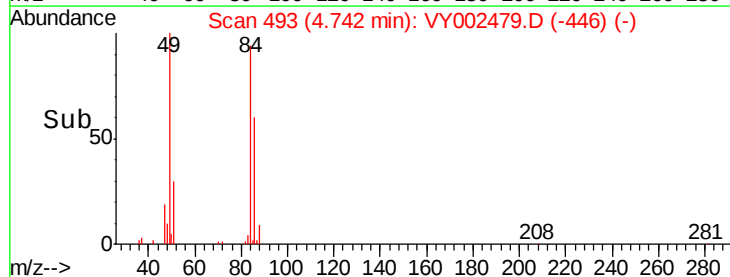
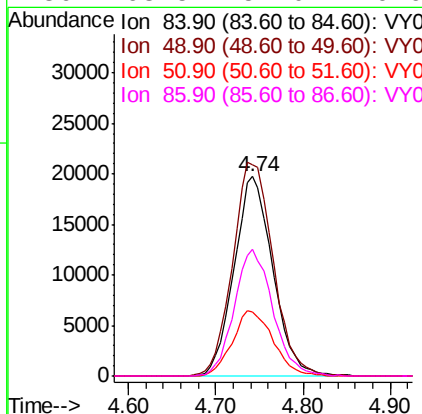
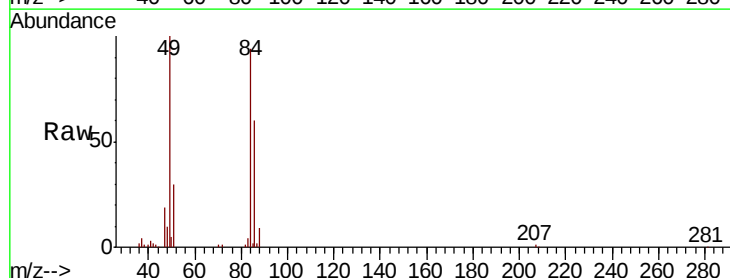
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0424SBS01

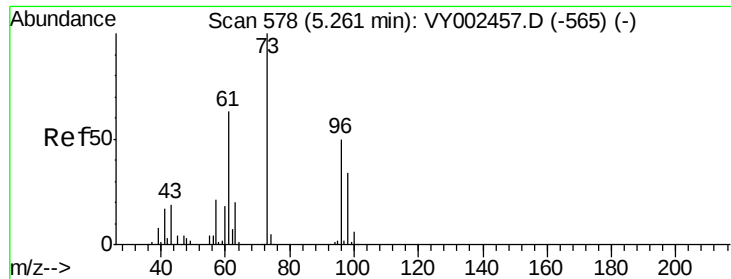
Tot Ion: 73 Resp: 146883  
Ion Ratio Lower Upper  
73 100  
57 20.7 16.0 24.0



#20  
Methylene Chloride  
Concen: 21.310 ug/l  
RT: 4.74 min Scan# 493  
Delta R.T. -0.01 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

Tgt Ion: 84 Resp: 60613  
Ion Ratio Lower Upper  
84 100  
49 105.8 86.9 130.3  
51 32.1 27.3 40.9  
86 63.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 22.120 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.02 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

VY0424SBS01

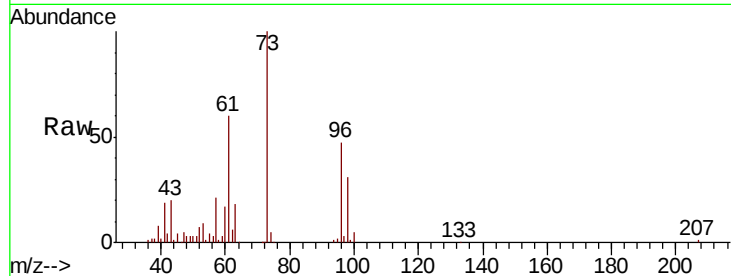
Tot Ion: 96 Resp: 58146

Ion Ratio Lower Upper

96 100

61 125.6 101.4 152.0

98 65.0 53.6 80.4

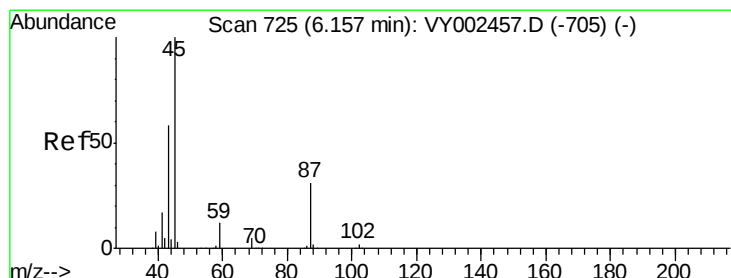
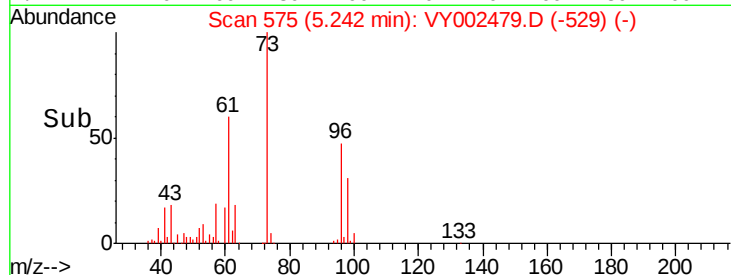
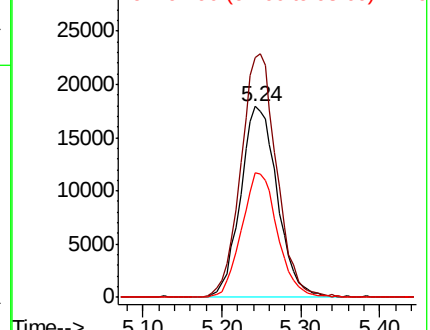


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.985 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Tgt Ion: 45 Resp: 155940

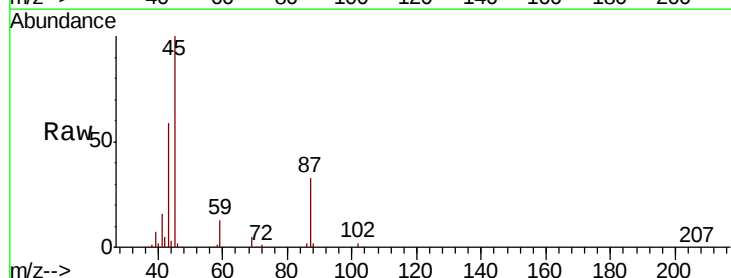
Ion Ratio Lower Upper

45 100

43 58.7 47.1 70.7

87 33.1 25.0 37.6

59 12.8 9.7 14.5



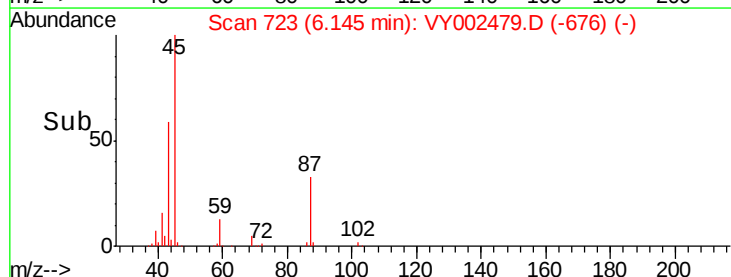
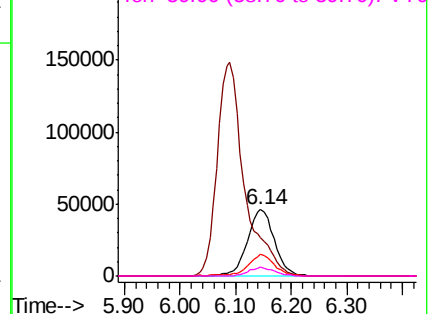
Abundance

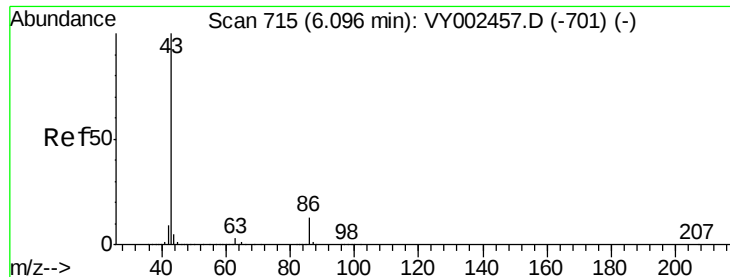
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 117.513 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

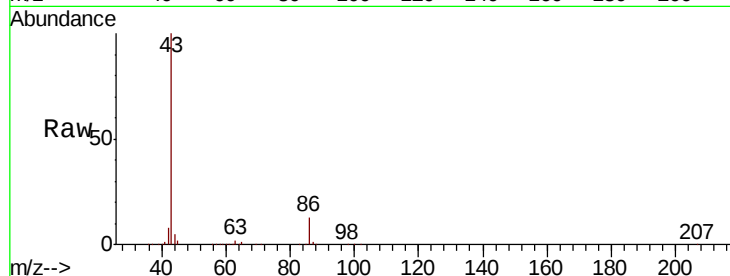
VY0424SBS01

Tot Ion: 43 Resp: 506596

Ion Ratio Lower Upper

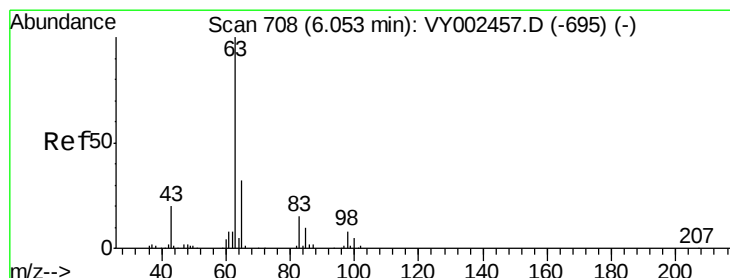
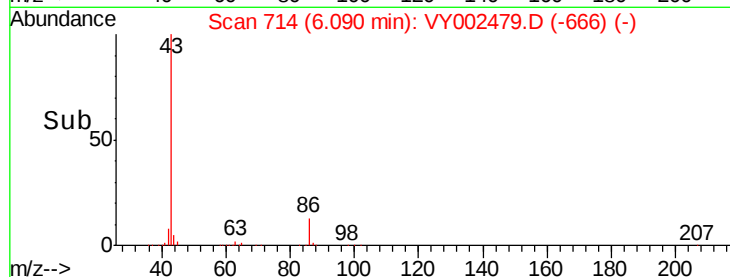
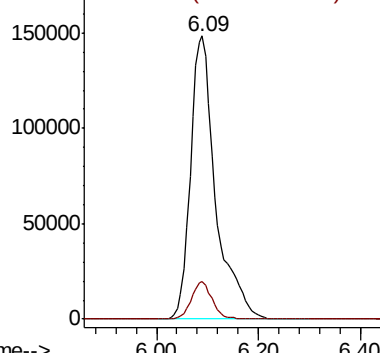
43 100

86 13.3 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.949 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

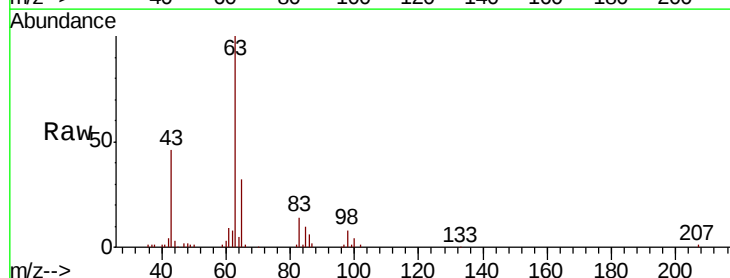
Tgt Ion: 63 Resp: 90156

Ion Ratio Lower Upper

63 100

98 7.6 4.1 12.3

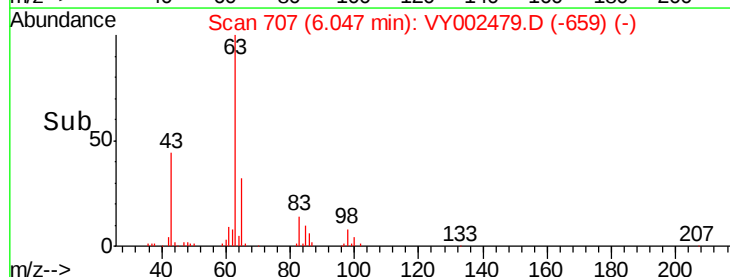
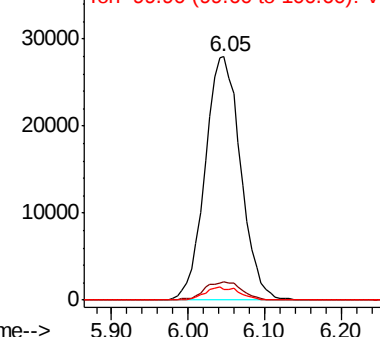
100 4.2 2.5 7.4

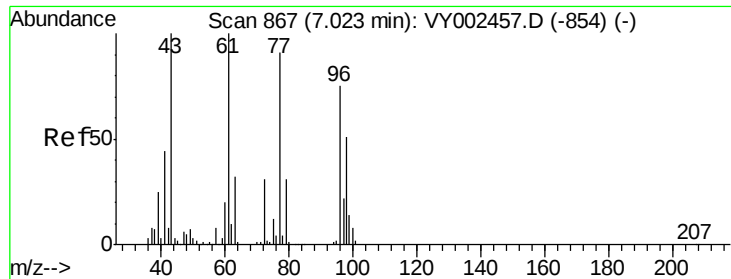


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 103.074 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

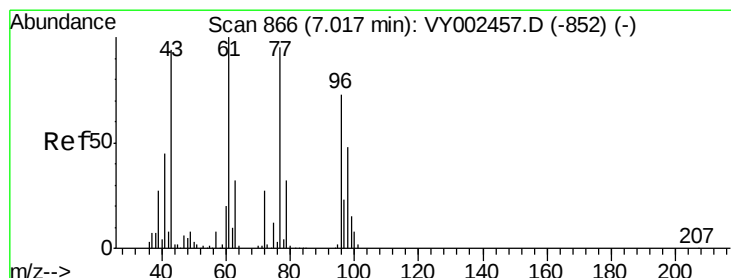
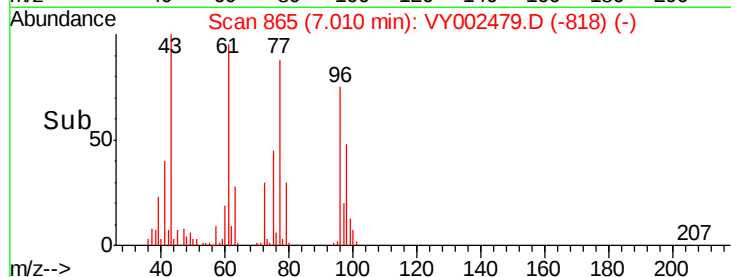
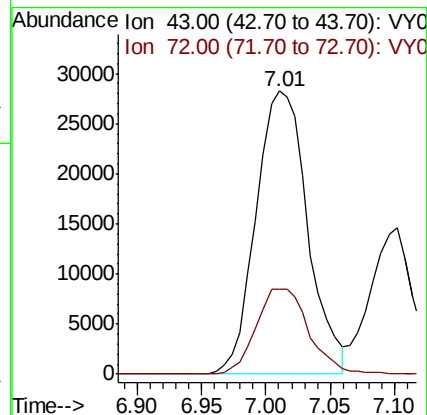
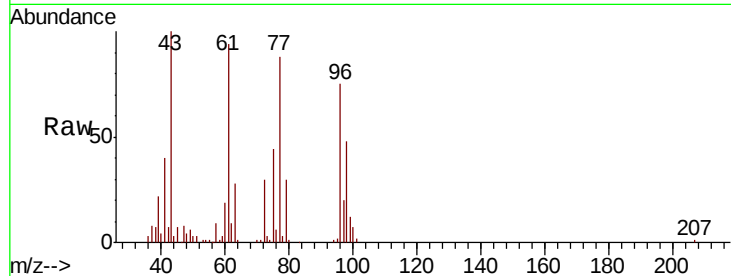
VY0424SBS01

Tot Ion: 43 Resp: 78670

Ion Ratio Lower Upper

43 100

72 30.1 24.8 37.2



#26

2,2-Dichloropropane

Concen: 19.806 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002479.D

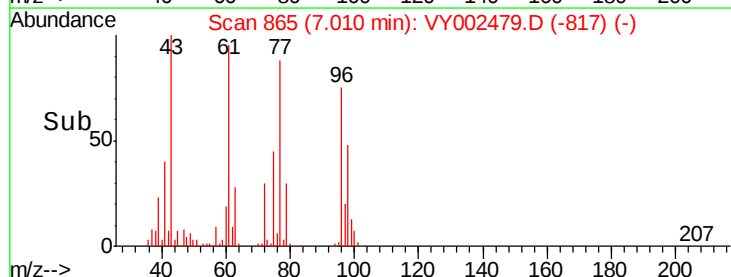
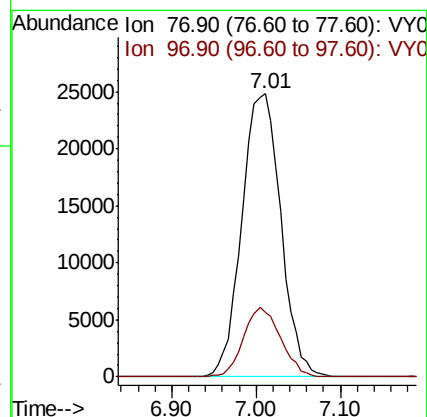
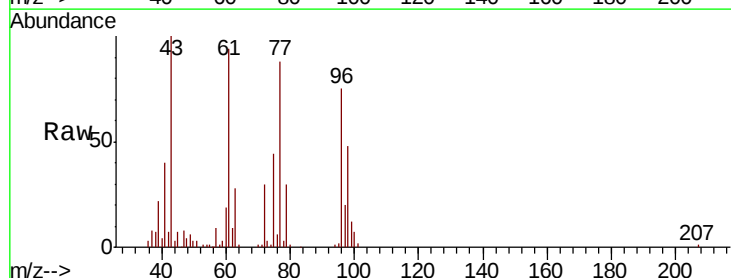
Acq: 24 Apr 2020 14:02

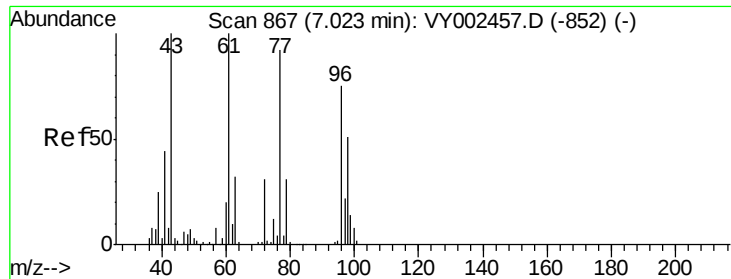
Tgt Ion: 77 Resp: 77803

Ion Ratio Lower Upper

77 100

97 23.4 12.0 36.0



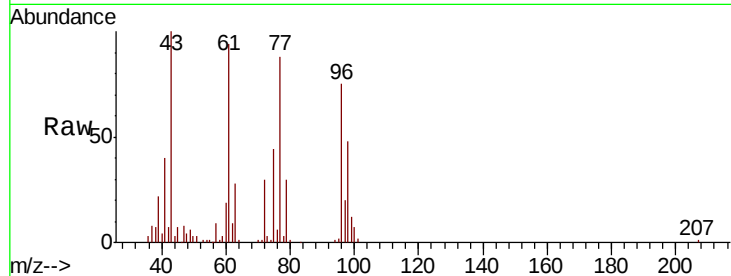


#27

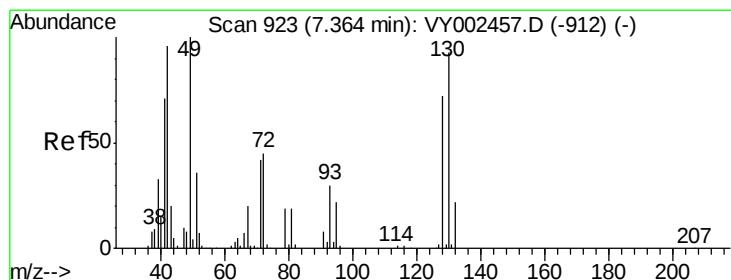
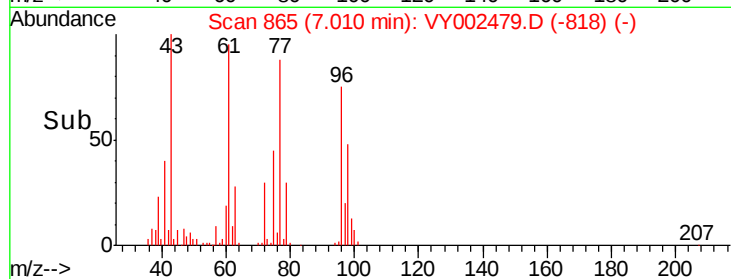
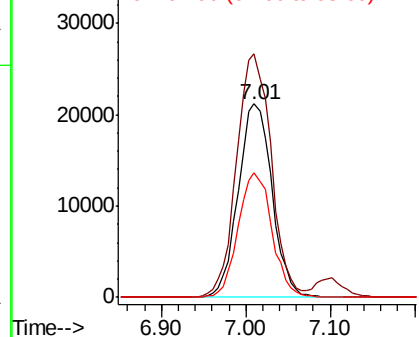
cis-1,2-Dichloroethene  
 Concen: 20.101 ug/l  
 RT: 7.01 min Scan# 865  
 Delta R.T. -0.01 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0424SBS01

Tot Ion: 96 Resp: 57470  
 Ion Ratio Lower Upper  
 96 100  
 61 129.1 0.0 262.6  
 98 64.1 0.0 131.0



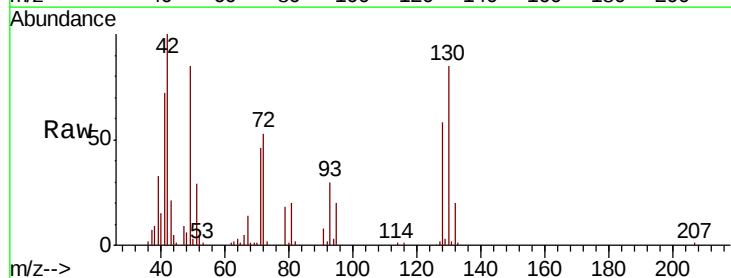
Abundance Ion 95.90 (95.60 to 96.60): VY0  
 Ion 60.90 (60.60 to 61.60): VY0  
 Ion 97.90 (97.60 to 98.60): VY0



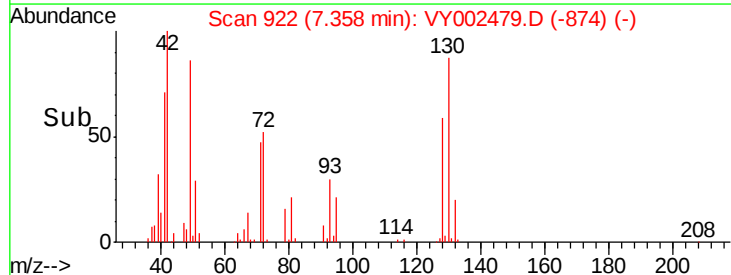
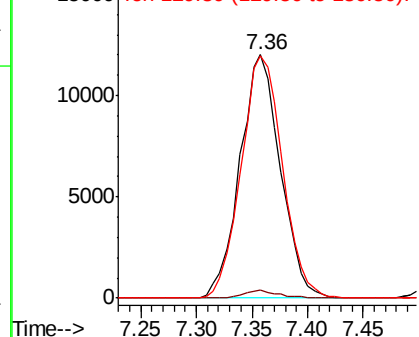
#28

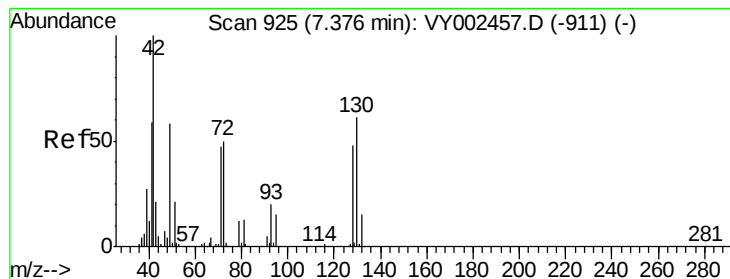
Bromochloromethane  
 Concen: 18.904 ug/l  
 RT: 7.36 min Scan# 922  
 Delta R.T. -0.01 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

Tgt Ion: 49 Resp: 30292  
 Ion Ratio Lower Upper  
 49 100  
 129 2.6 0.0 5.6  
 130 101.8 76.3 114.5



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: 98.457 ug/l

RT: 7.37 min Scan# 924

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

VY0424SBS01

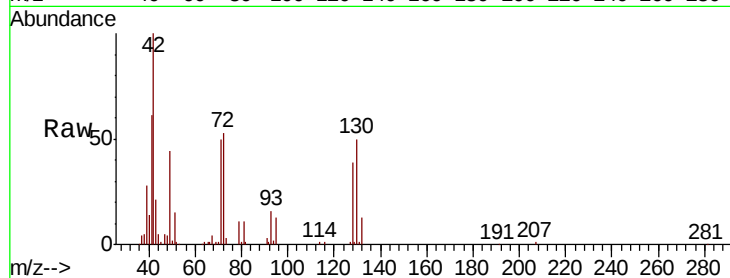
Tot Ion: 42 Resp: 49822

Ion Ratio Lower Upper

42 100

72 52.1 39.5 59.3

71 49.3 37.6 56.4

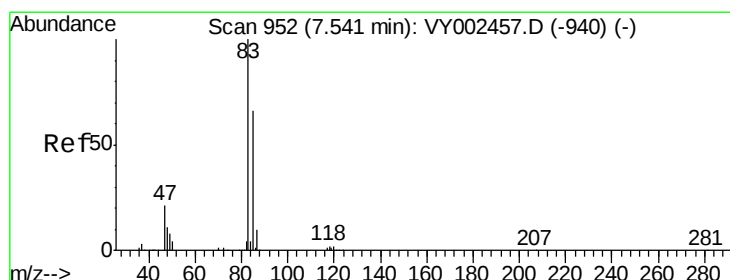
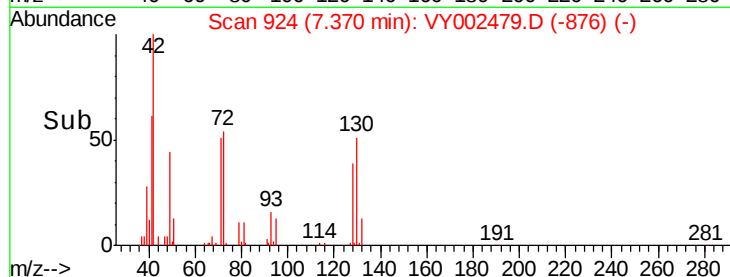
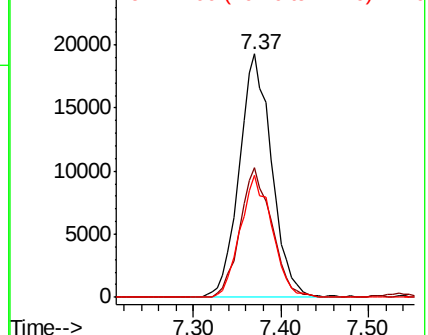


Abundance

Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 19.601 ug/l

RT: 7.53 min Scan# 950

Delta R.T. -0.01 min

Lab File: VY002479.D

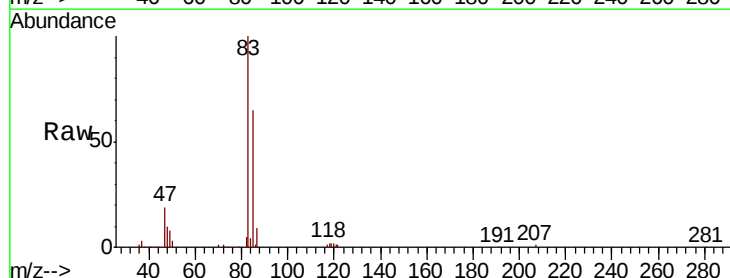
Acq: 24 Apr 2020 14:02

Tgt Ion: 83 Resp: 85723

Ion Ratio Lower Upper

83 100

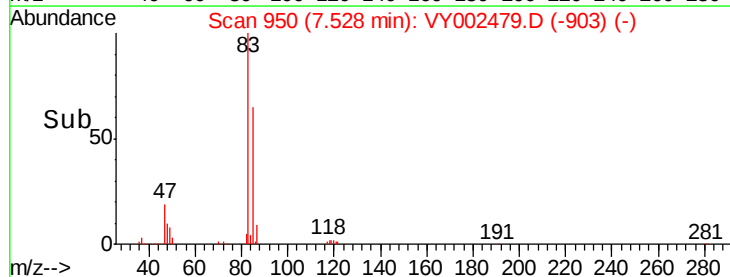
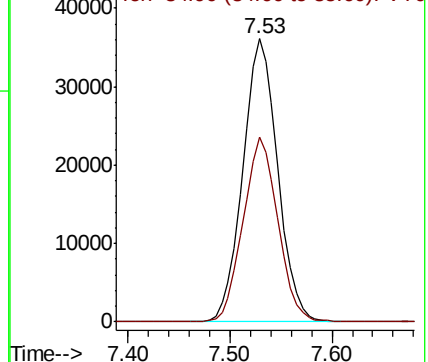
85 65.5 52.4 78.6

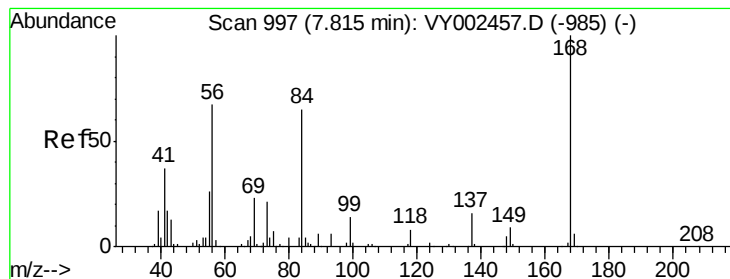


Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 18.896 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

VY0424SBS01

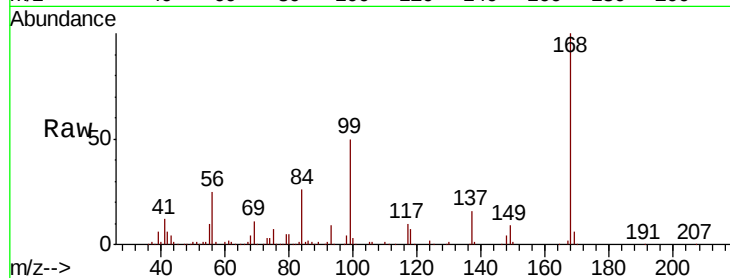
Tot Ion: 56 Resp: 77613

Ion Ratio Lower Upper

56 100

69 42.7 27.0 40.6#

84 101.6 77.4 116.2

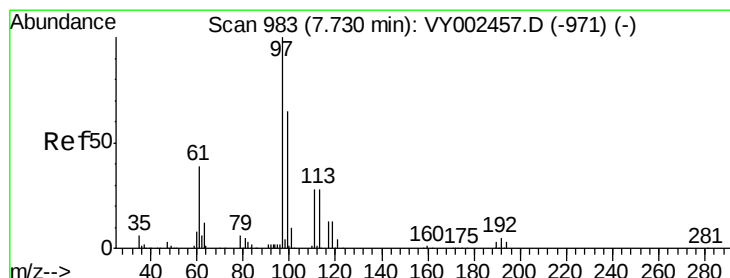
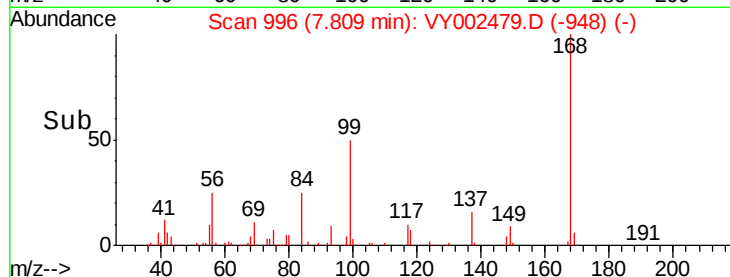
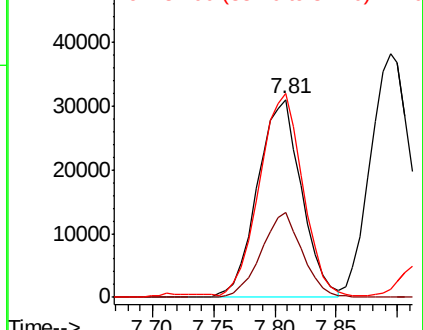


Abundance

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: 19.377 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

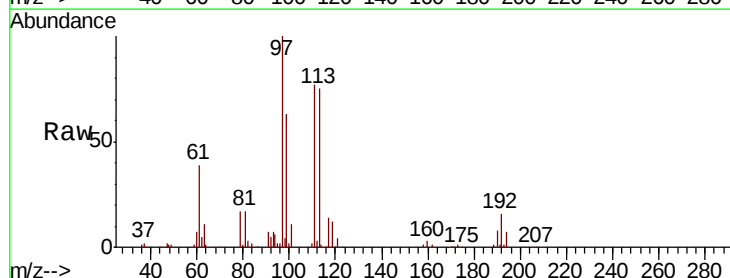
Tgt Ion: 97 Resp: 80076

Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

61 37.7 30.6 45.8

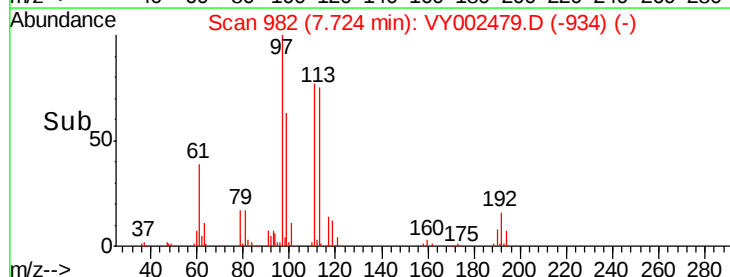
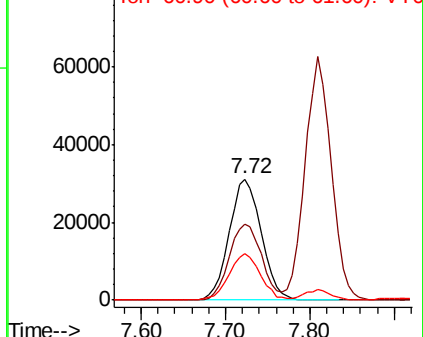


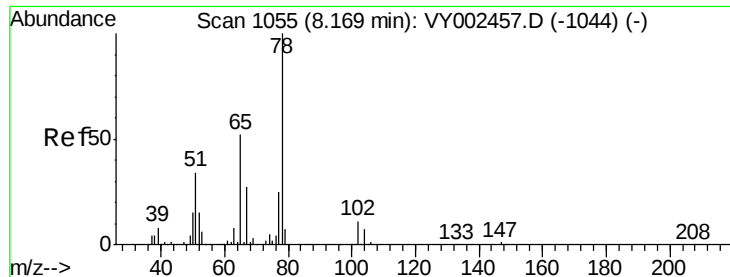
Abundance

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: 49.065 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

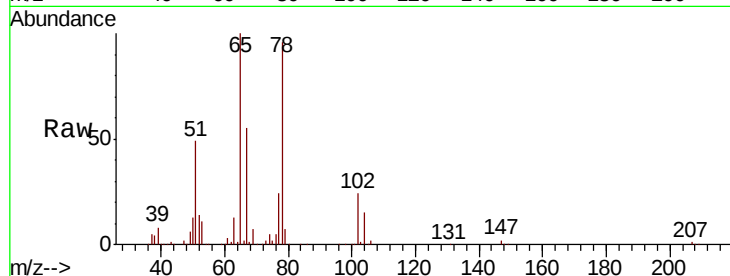
VY0424SBS01

Tot Ion: 65 Resp: 116966

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.16

60000

50000

40000

30000

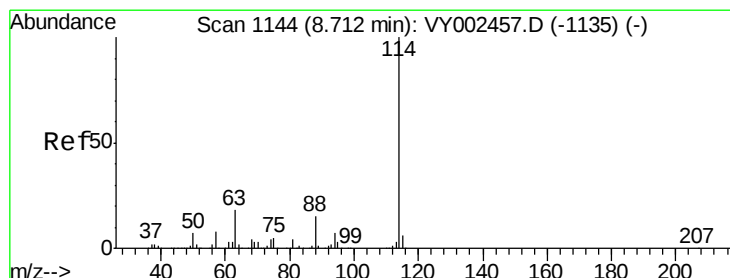
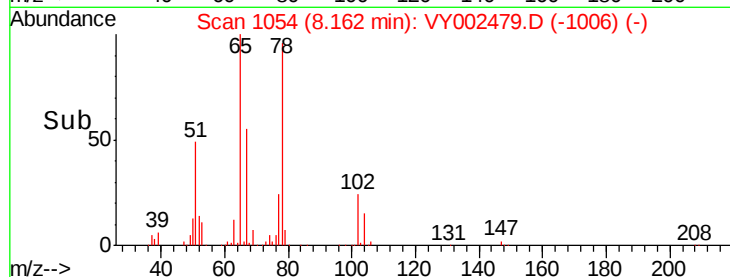
20000

10000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

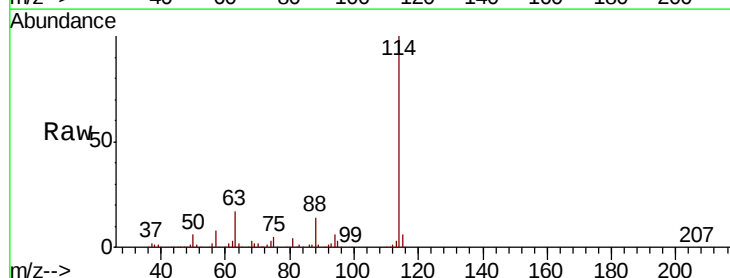
Tgt Ion: 114 Resp: 436734

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.6

88 14.2 0.0 29.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

300000

250000

200000

150000

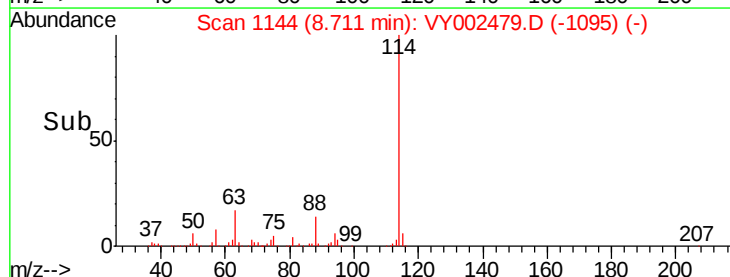
100000

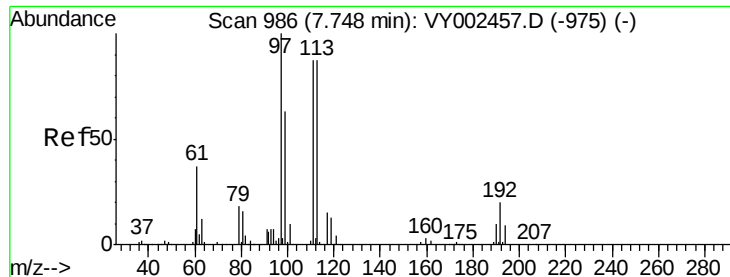
50000

0

8.60 8.70 8.80

Time-->

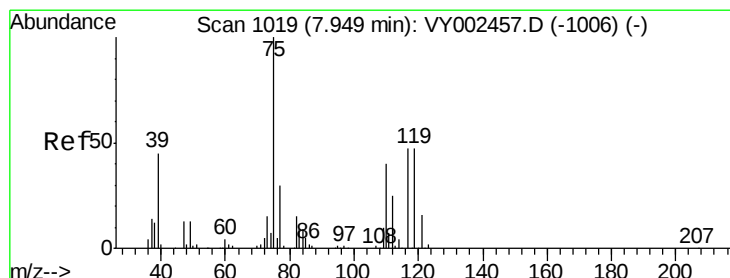
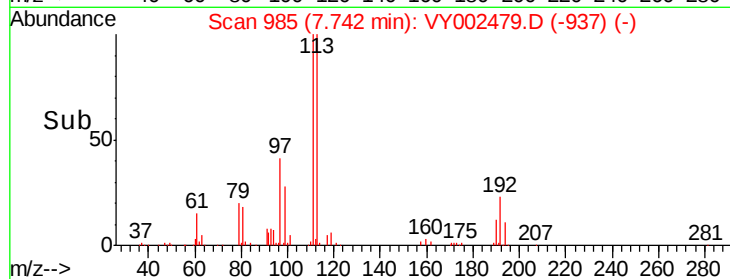
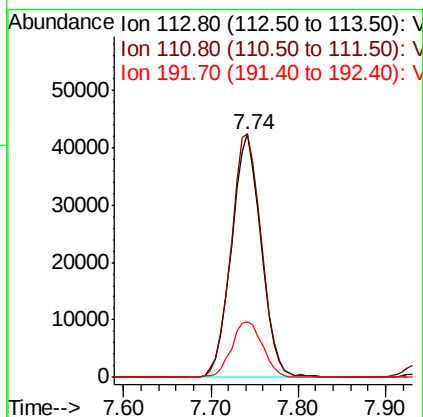
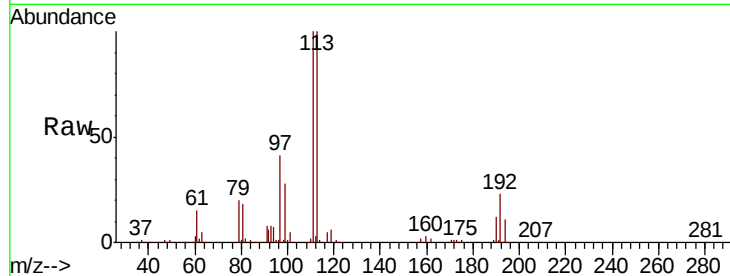




#35  
 Dibromofluoromethane  
 Concen: 40.327 ug/l  
 RT: 7.74 min Scan# 985  
 Delta R.T. -0.01 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

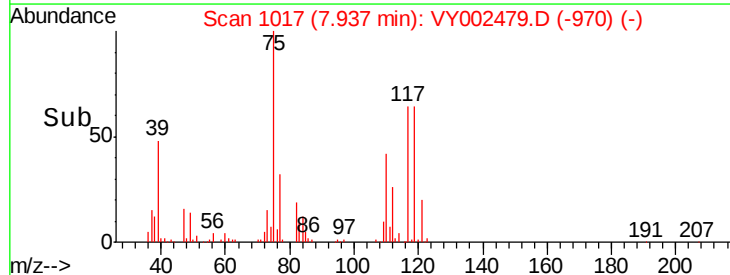
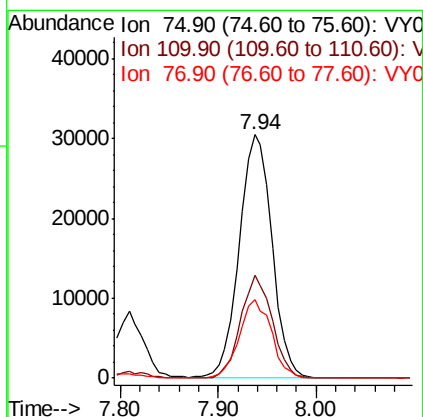
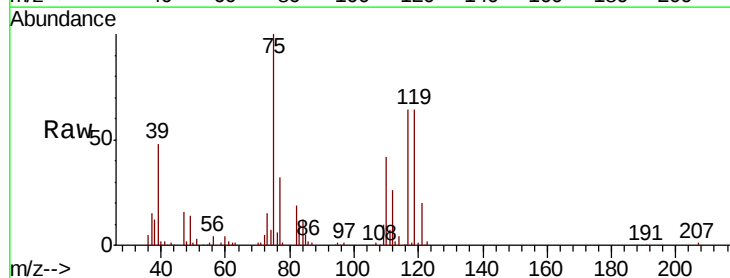
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0424SBS01

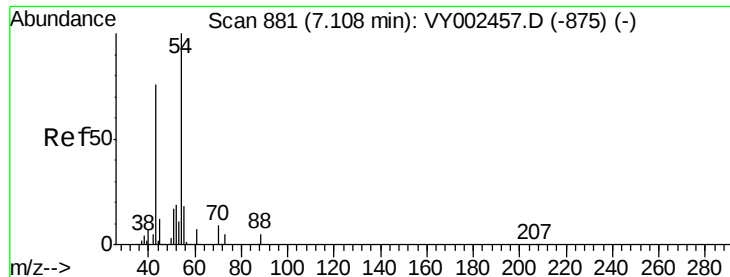
Tot Ion:113 Resp: 99342  
 Ion Ratio Lower Upper  
 113 100  
 111 103.1 81.0 121.4  
 192 23.9 18.6 27.8



#36  
 1,1-Dichloropropene  
 Concen: 18.949 ug/l  
 RT: 7.94 min Scan# 1017  
 Delta R.T. -0.01 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

Tgt Ion: 75 Resp: 70961  
 Ion Ratio Lower Upper  
 75 100  
 110 40.5 19.4 58.4  
 77 31.6 24.7 37.1

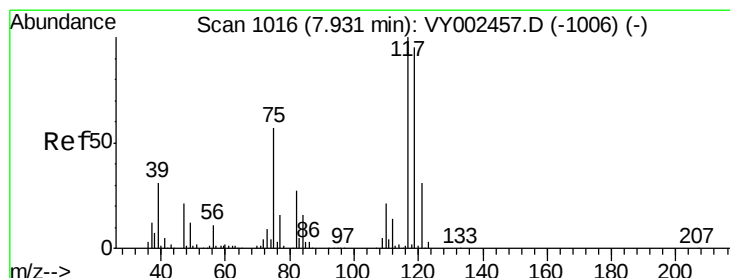
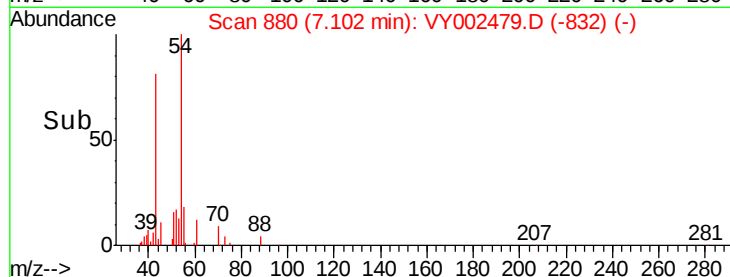
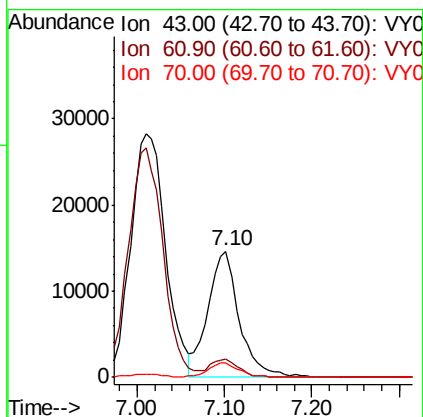
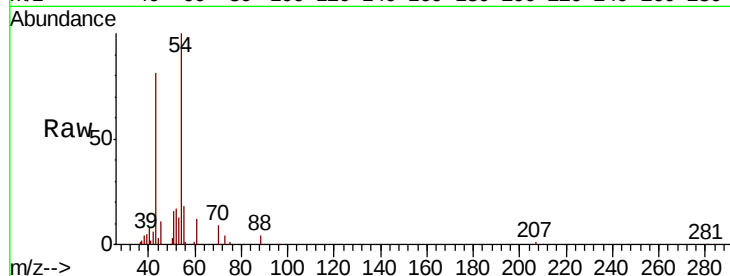




#37  
Ethyl Acetate  
Concen: 19.430 ug/l  
RT: 7.10 min Scan# 880  
Delta R.T. -0.01 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

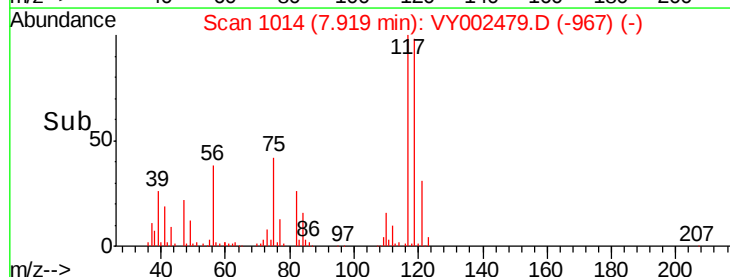
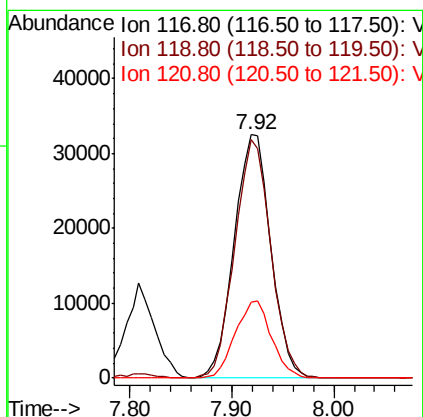
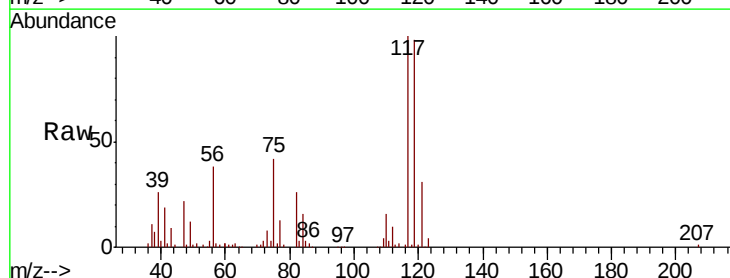
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0424SBS01

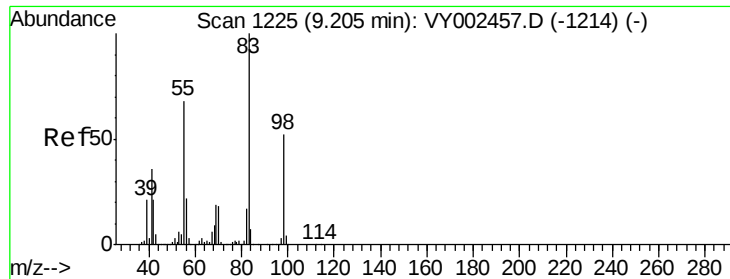
Tot Ion: 43 Resp: 36554  
Ion Ratio Lower Upper  
43 100  
61 13.5 11.8 17.8  
70 11.5 9.3 13.9



#38  
Carbon Tetrachloride  
Concen: 18.800 ug/l  
RT: 7.92 min Scan# 1014  
Delta R.T. -0.01 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

Tgt Ion: 117 Resp: 80959  
Ion Ratio Lower Upper  
117 100  
119 97.7 75.9 113.9  
121 31.4 24.5 36.7

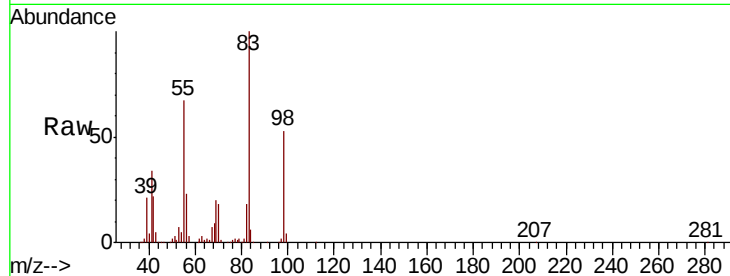




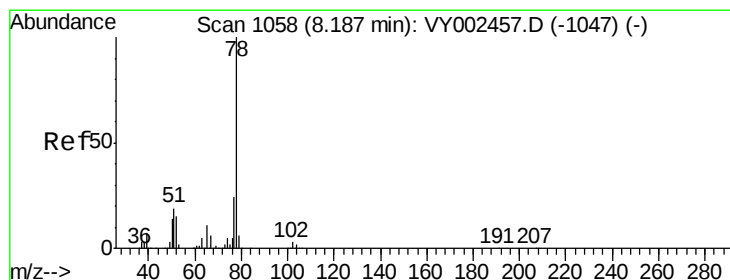
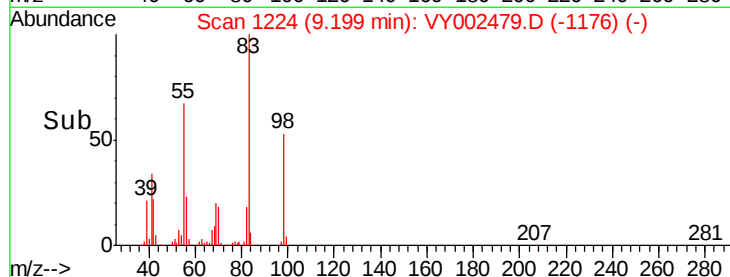
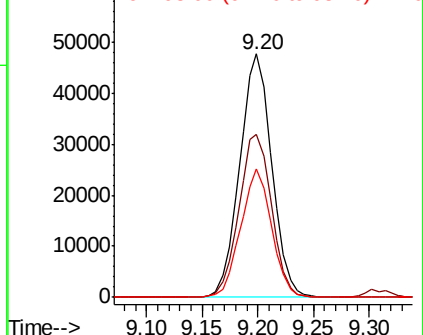
#39  
Methvlcvclohexane  
Concen: 19.505 ug/l  
RT: 9.20 min Scan# 1224  
Delta R.T. -0.01 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0424SBS01

Tot Ion: 83 Resp: 95285  
Ion Ratio Lower Upper  
83 100  
55 67.1 54.2 81.2  
98 52.6 41.9 62.9

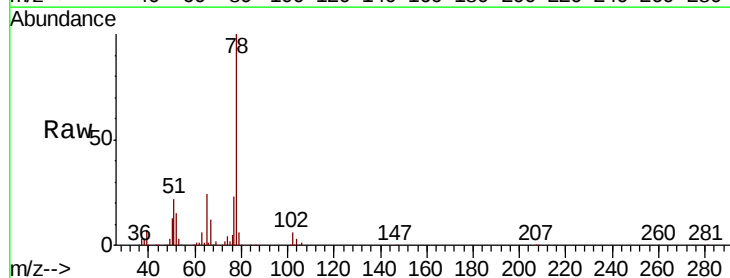


Abundance Ion 83.00 (82.70 to 83.70): VY0  
Ion 55.00 (54.70 to 55.70): VY0  
Ion 98.00 (97.70 to 98.70): VY0

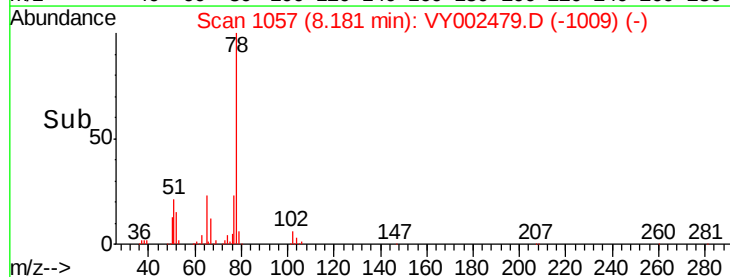
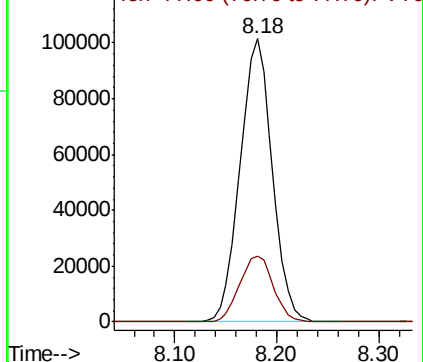


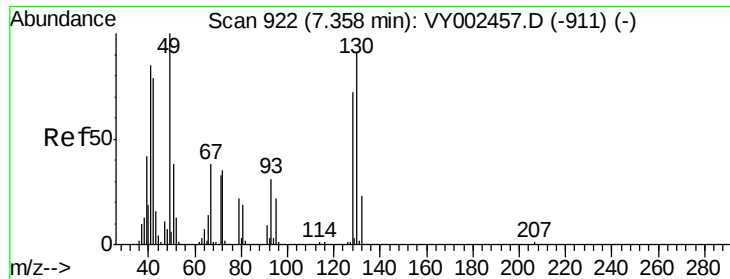
#40  
Benzene  
Concen: 20.530 ug/l  
RT: 8.18 min Scan# 1057  
Delta R.T. -0.01 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

Tgt Ion: 78 Resp: 222207  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.4 29.0



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

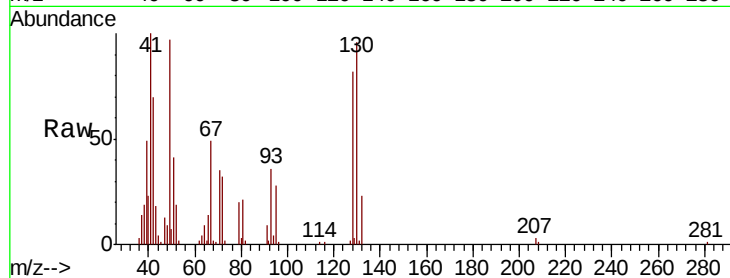




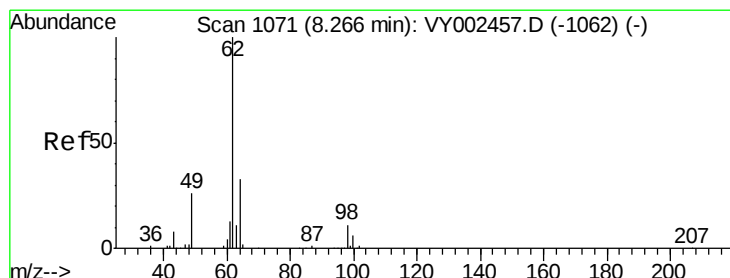
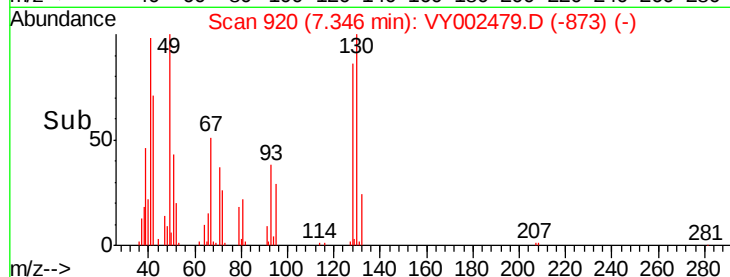
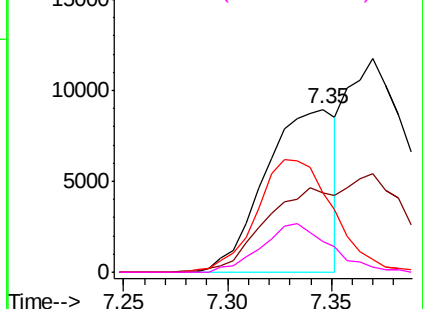
#41  
Methacrylonitrile  
Concen: 18.423 ug/l m  
RT: 7.35 min Scan# 920  
Delta R.T. -0.01 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0424SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 21354 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 105.3 | 85.7  | 128.5 |
| 67       | 0.0   | 0.0   | 0.0   |
| 52       | 0.0   | 0.0   | 0.0   |

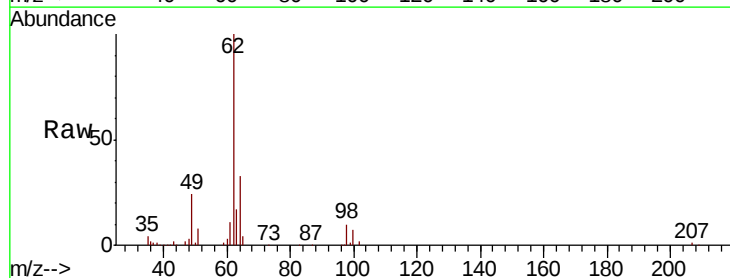


Abundance Ion 41.00 (40.70 to 41.70): VY0  
Ion 39.00 (38.70 to 39.70): VY0  
Ion 67.00 (66.70 to 67.70): VY0  
Ion 52.00 (51.70 to 52.70): VY0

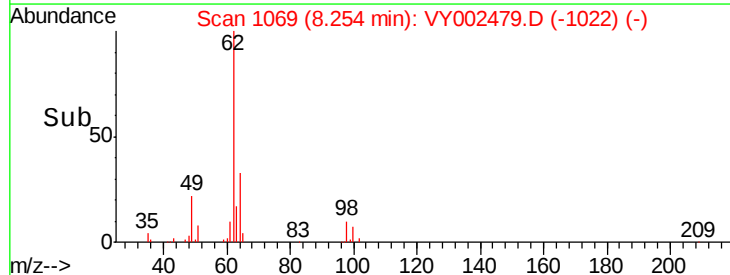
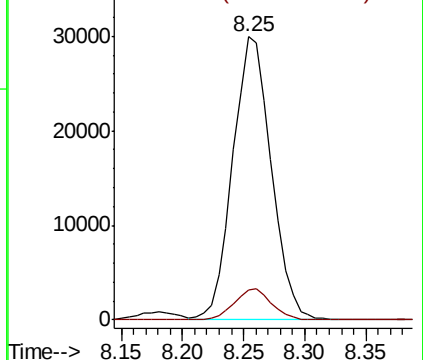


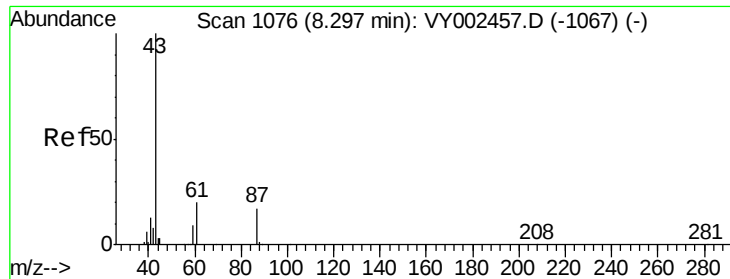
#42  
1,2-Dichloroethane  
Concen: 20.795 ug/l  
RT: 8.25 min Scan# 1069  
Delta R.T. -0.01 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 65382 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.5  | 0.0   | 20.6  |



Abundance Ion 61.90 (61.60 to 62.60): VY0  
Ion 97.90 (97.60 to 98.60): VY0



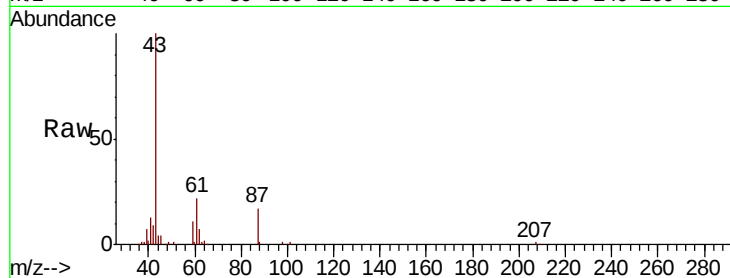


#43

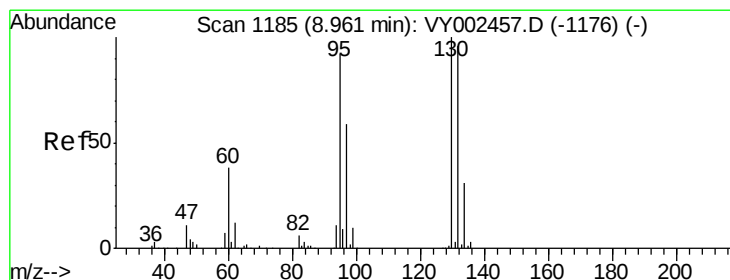
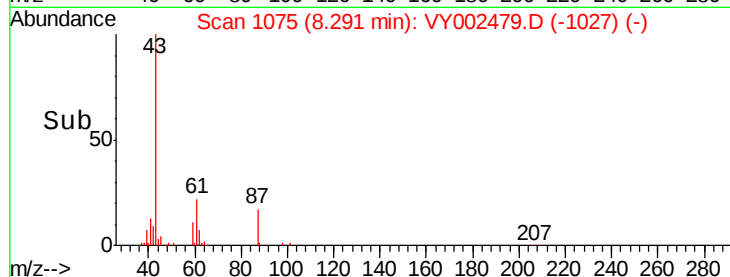
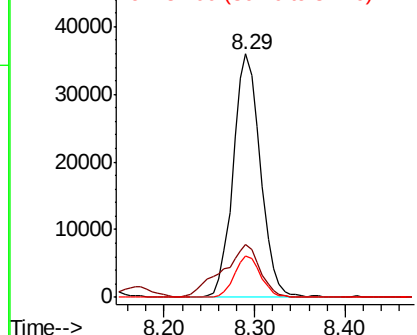
Isopropyl Acetate  
 Concen: 21.527 ug/l  
 RT: 8.29 min Scan# 1075  
 Delta R.T. -0.01 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0424SBS01

| Tot Ion   | 43    | Resp  | 75749 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 29.7  | 25.0  | 37.4  |
| 87        | 16.3  | 13.0  | 19.4  |



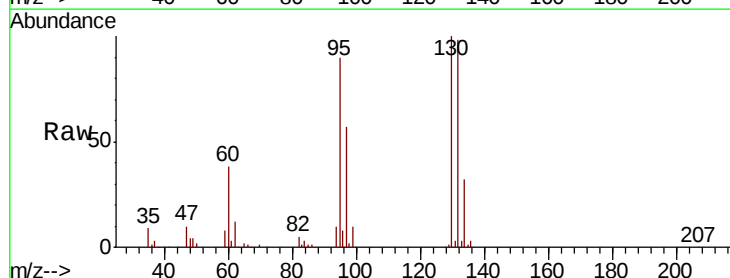
Abundance Ion 43.00 (42.70 to 43.70): VY0  
 Ion 61.00 (60.70 to 61.70): VY0  
 Ion 87.00 (86.70 to 87.70): VY0



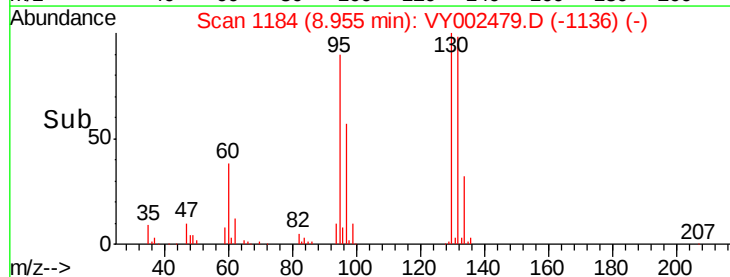
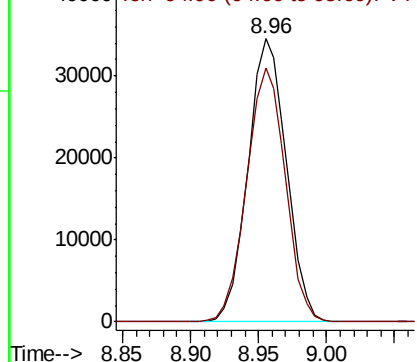
#44

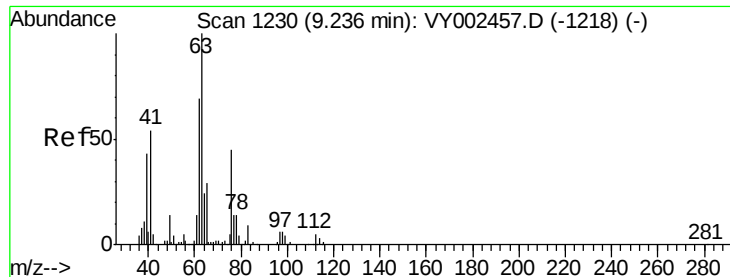
Trichloroethene  
 Concen: 20.155 ug/l  
 RT: 8.96 min Scan# 1184  
 Delta R.T. -0.01 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

| Tgt Ion   | 130   | Resp  | 68211 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 130       | 100   |       |       |
| 95        | 89.5  | 0.0   | 184.2 |



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

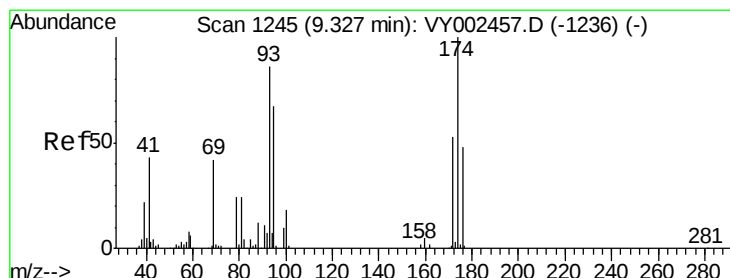
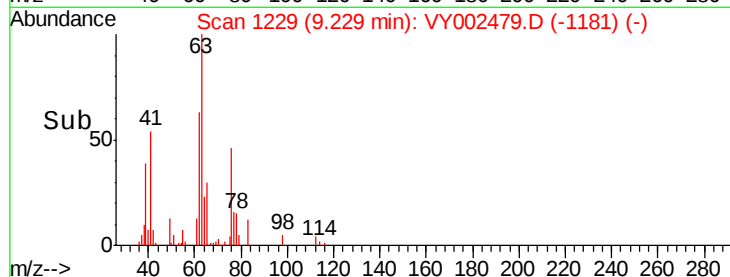
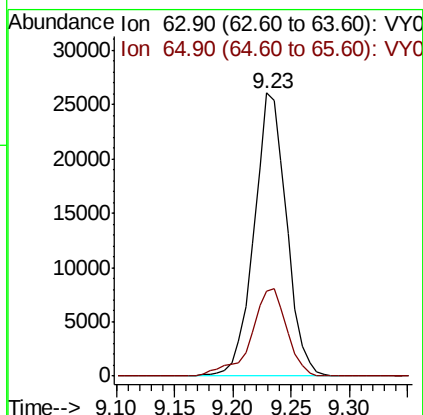
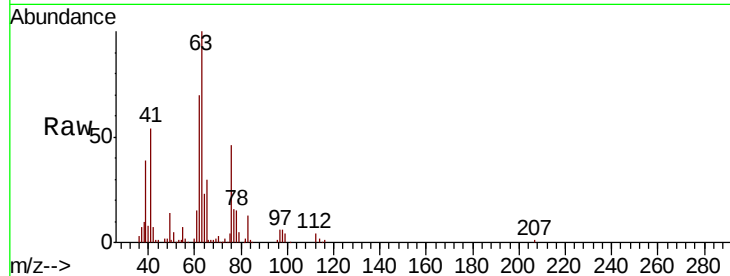




#45  
 1,2-Dichloropropane  
 Concen: 20.309 ug/l  
 RT: 9.23 min Scan# 1229  
 Delta R.T. -0.01 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

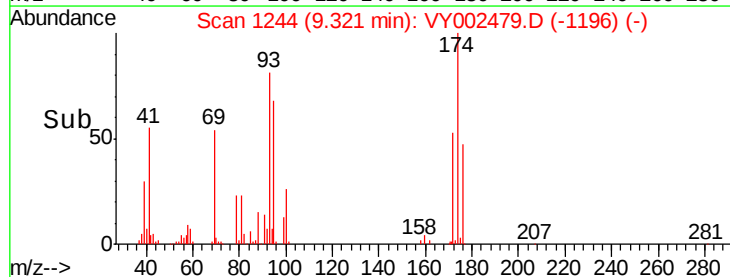
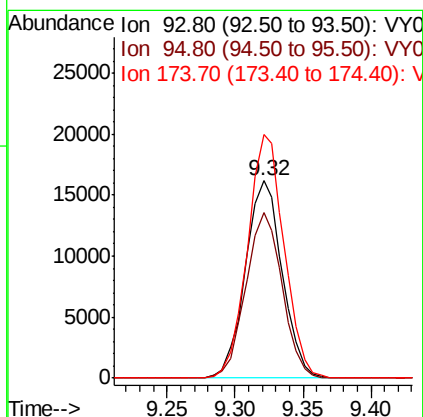
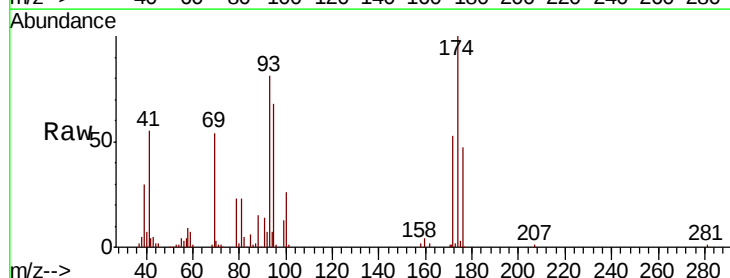
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0424SBS01

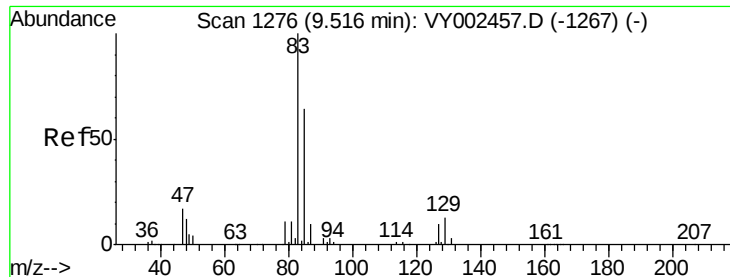
Tot Ion: 63 Resp: 50662  
 Ion Ratio Lower Upper  
 63 100  
 65 30.2 23.4 35.0



#46  
 Dibromomethane  
 Concen: 21.037 ug/l  
 RT: 9.32 min Scan# 1244  
 Delta R.T. -0.01 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

Tgt Ion: 93 Resp: 30703  
 Ion Ratio Lower Upper  
 93 100  
 95 82.8 65.4 98.0  
 174 122.3 94.8 142.2





#47

Bromodichloromethane

Concen: 20.411 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

VY0424SBS01

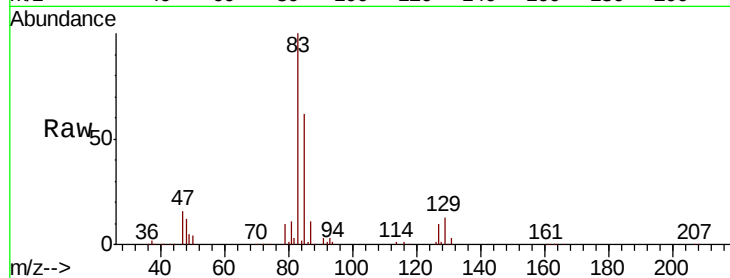
Tot Ion: 83 Resp: 74497

Ion Ratio Lower Upper

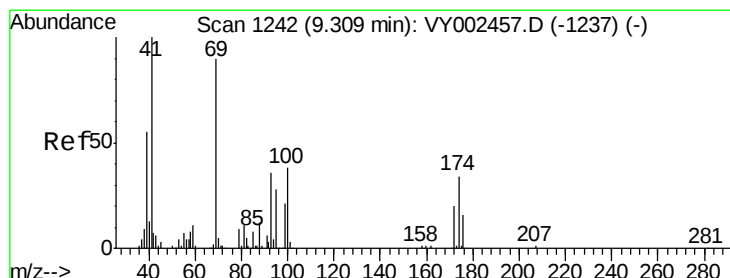
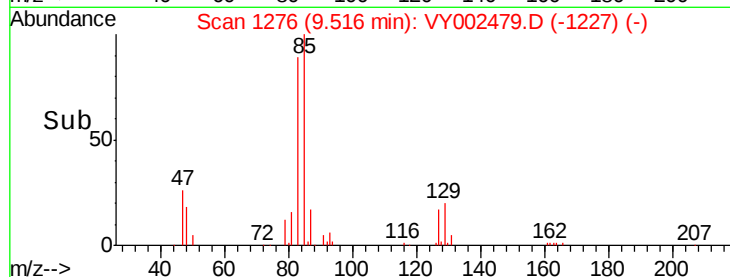
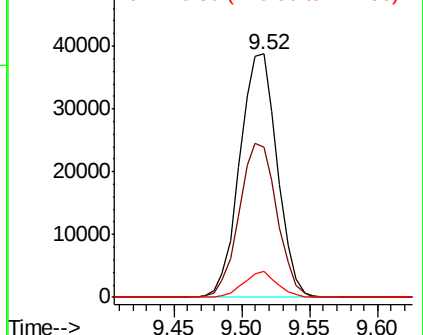
83 100

85 61.8 51.2 76.8

127 10.5 7.7 11.5



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



#48

Methyl methacrylate

Concen: 21.615 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

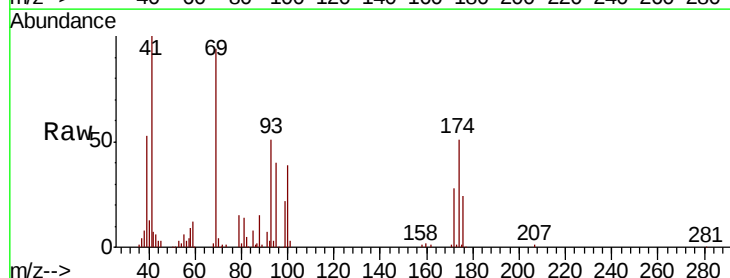
Tgt Ion: 41 Resp: 34721

Ion Ratio Lower Upper

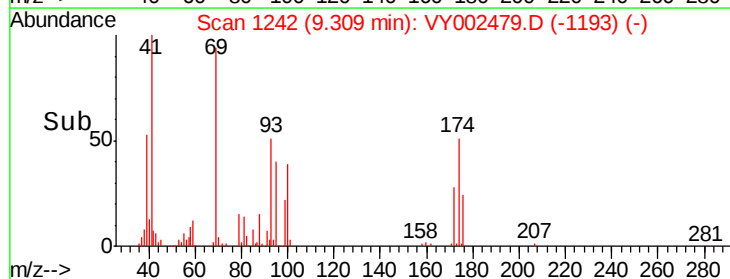
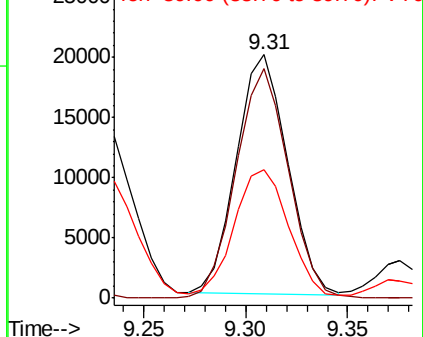
41 100

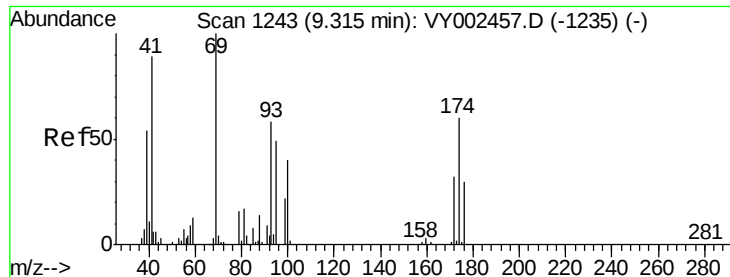
69 98.2 77.9 116.9

39 55.8 47.9 71.9



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: 490.759 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0424SBS01

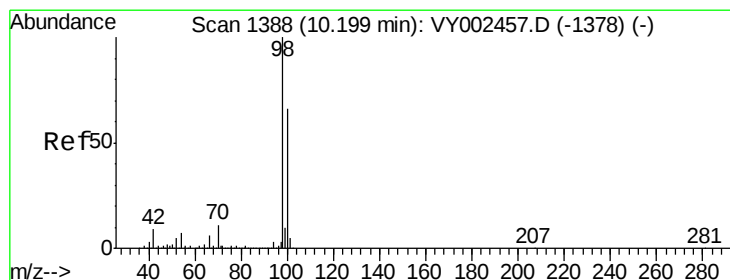
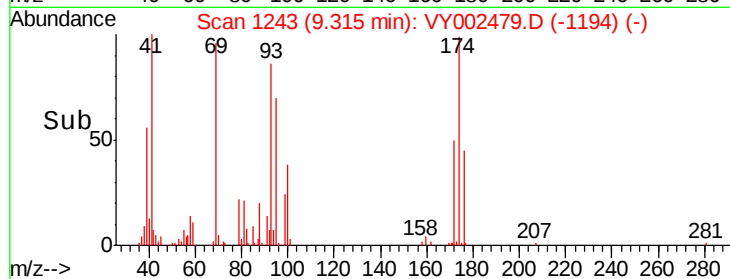
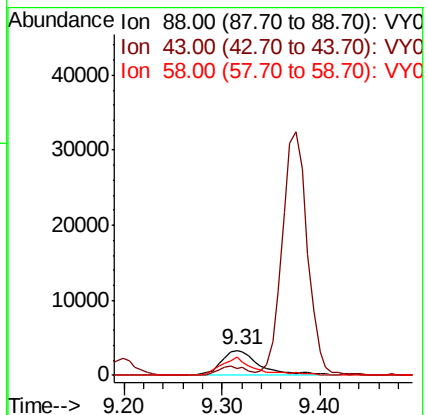
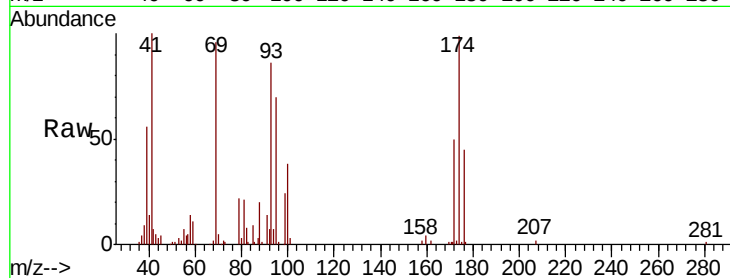
Tot Ion: 88 Resp: 9128

Ion Ratio Lower Upper

88 100

43 26.2 22.9 34.3

58 53.9 49.5 74.3



#50

Toluene-d8

Concen: 44.349 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY002479.D

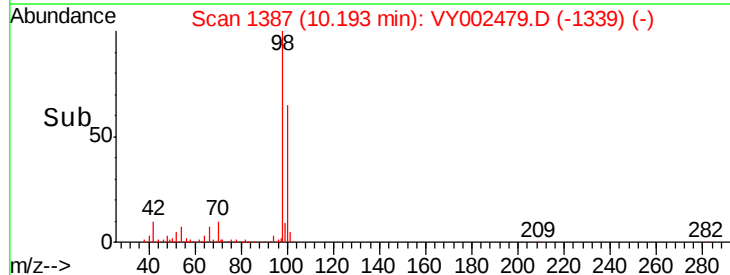
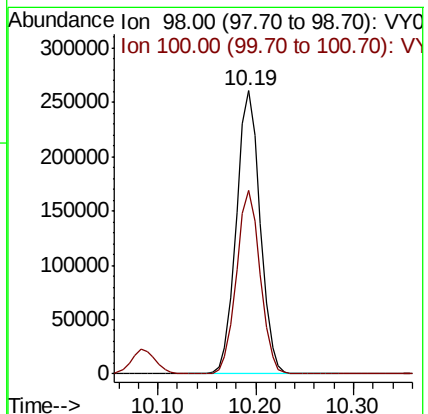
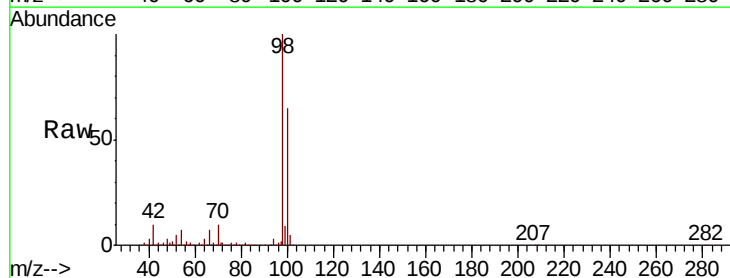
Acq: 24 Apr 2020 14:02

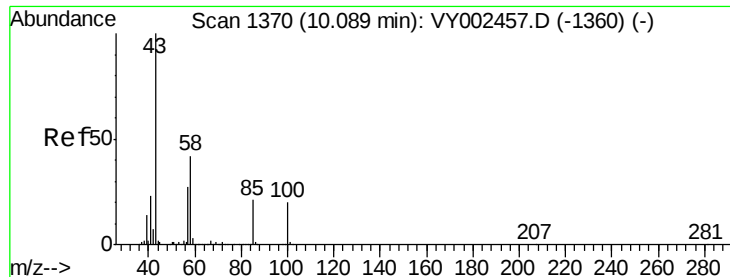
Tgt Ion: 98 Resp: 439101

Ion Ratio Lower Upper

98 100

100 64.6 51.1 76.7

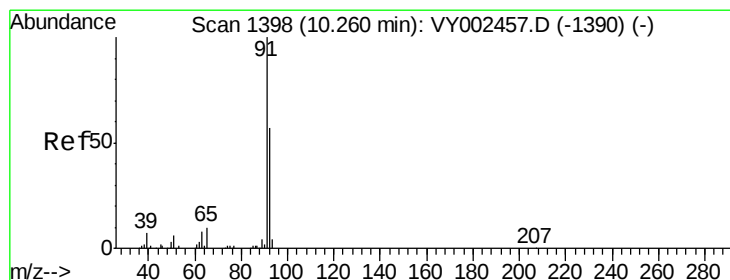
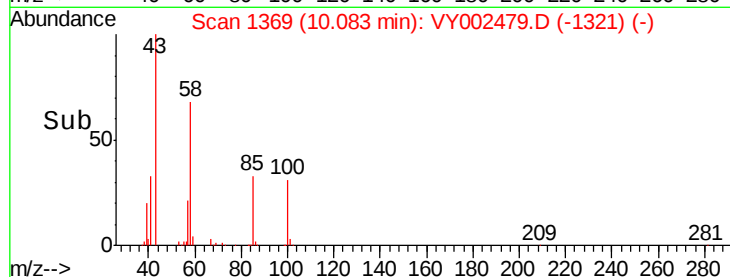
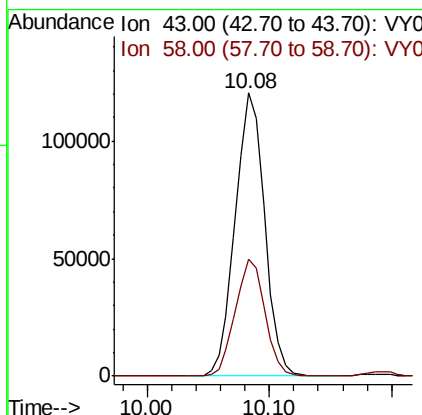
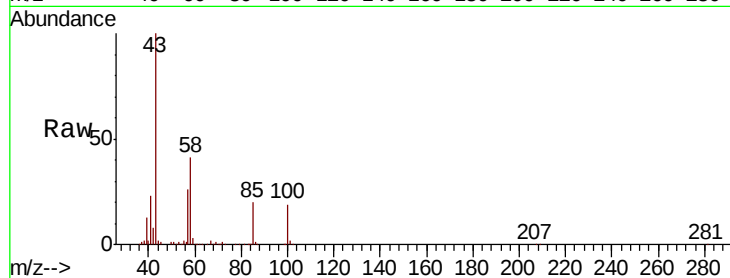




#51  
4-Methyl-2-Pentanone  
Concen: 109.876 ug/l  
RT: 10.08 min Scan# 1369  
Delta R.T. -0.01 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

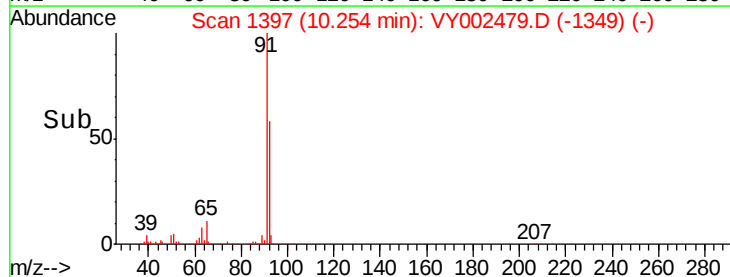
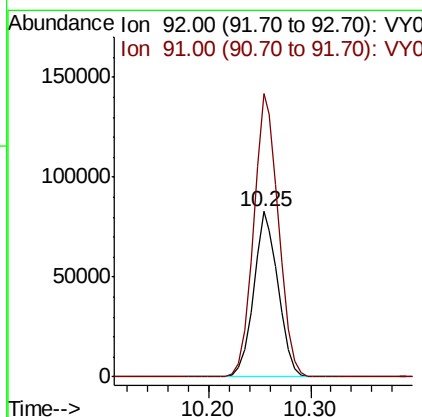
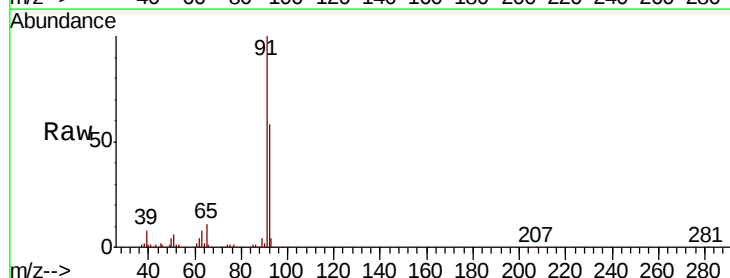
Instrument :  
MSVOA\_Y  
ClientSampled :  
VY0424SBS01

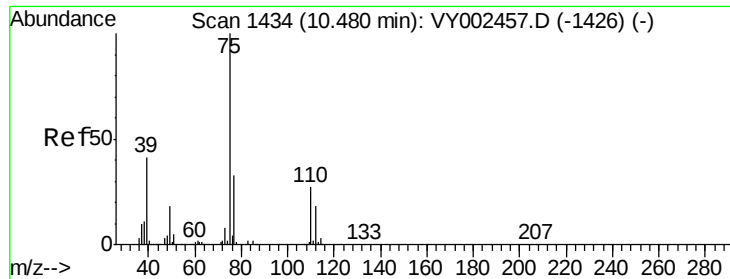
Tot Ion: 43 Resp: 200816  
Ion Ratio Lower Upper  
43 100  
58 41.7 33.2 49.8



#52  
Toluene  
Concen: 19.785 ug/l  
RT: 10.25 min Scan# 1397  
Delta R.T. -0.01 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

Tgt Ion: 92 Resp: 137849  
Ion Ratio Lower Upper  
92 100  
91 174.5 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 21.193 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampled :

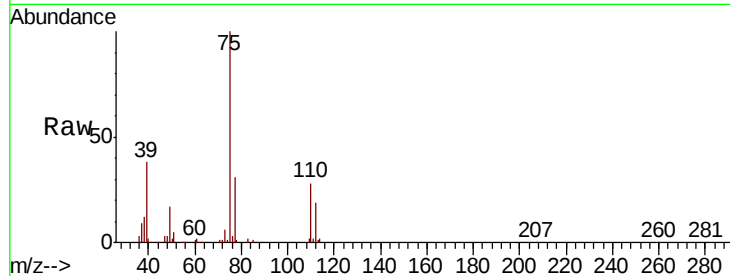
VY0424SBS01

Tot Ion: 75 Resp: 81233

Ion Ratio Lower Upper

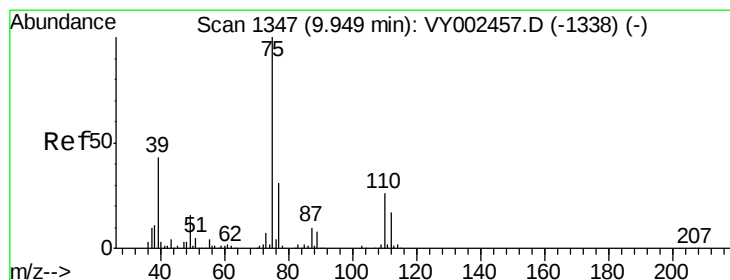
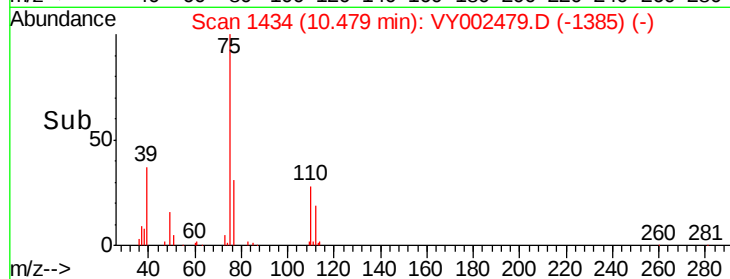
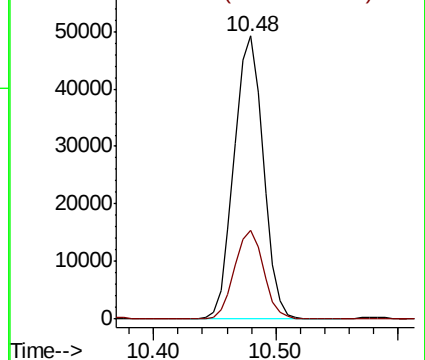
75 100

77 31.3 26.4 39.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.550 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

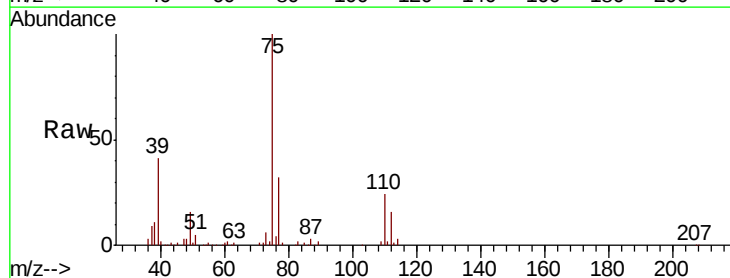
Tgt Ion: 75 Resp: 90156

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

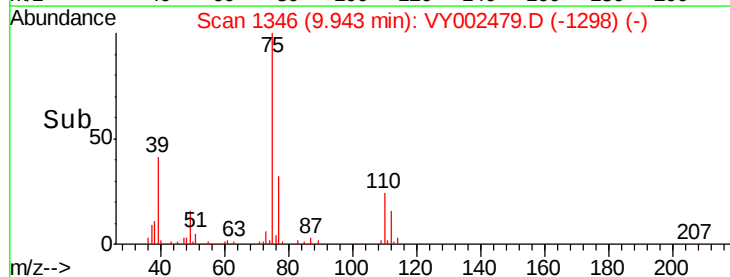
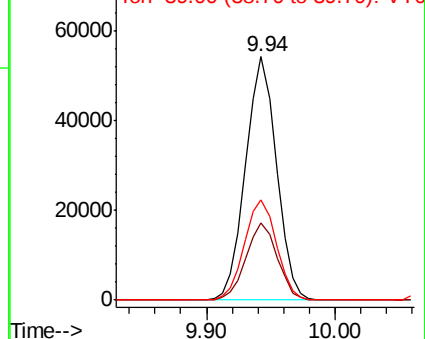
39 41.1 34.2 51.2

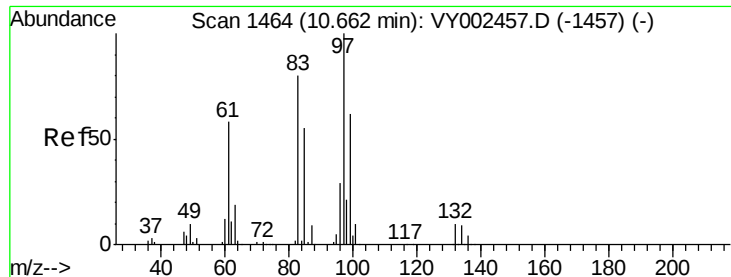


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

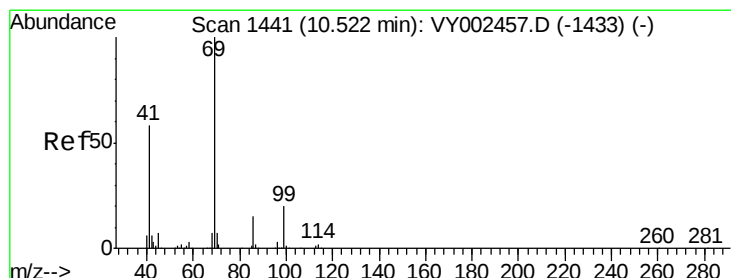
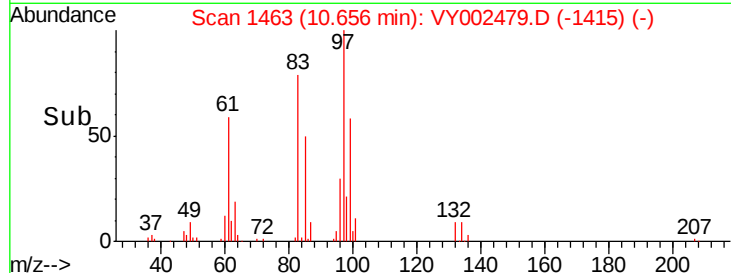
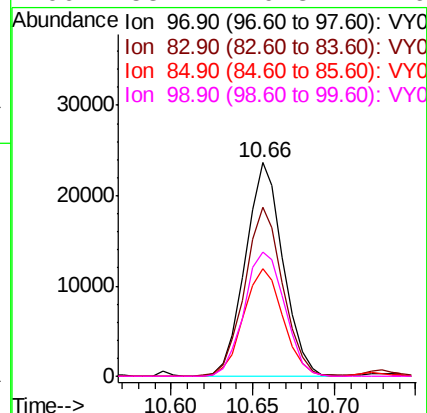
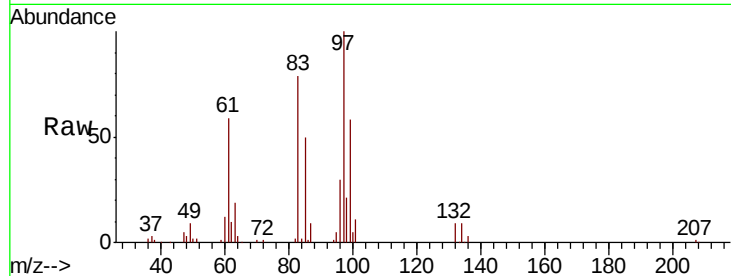




#55  
 1,1,2-Trichloroethane  
 Concen: 17.633 ug/l  
 RT: 10.66 min Scan# 1463  
 Delta R.T. -0.01 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

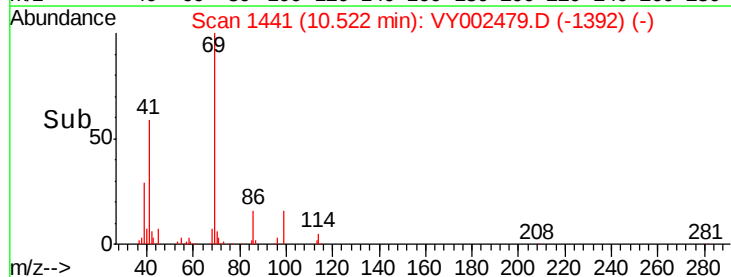
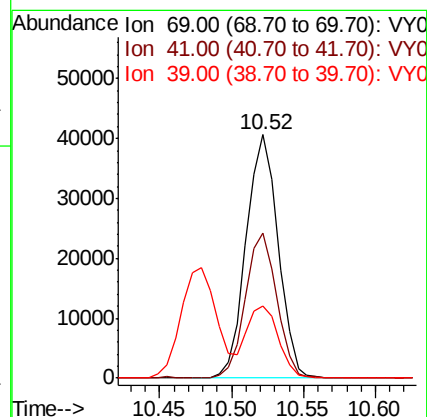
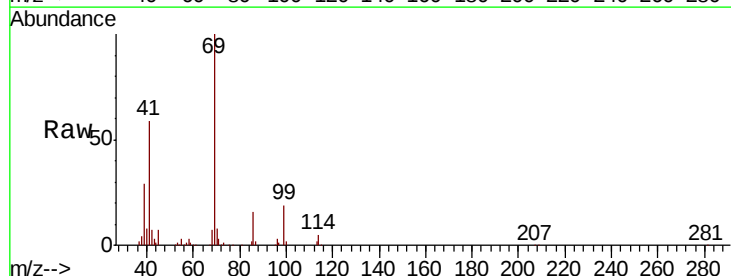
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0424SBS01

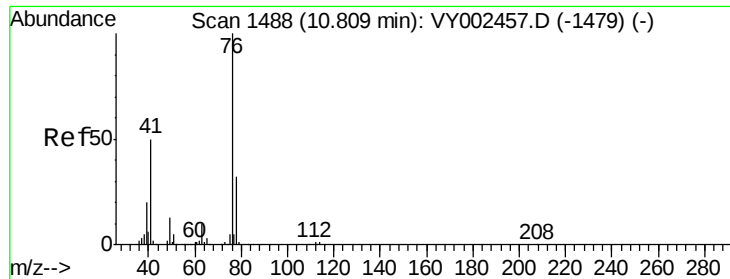
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 38050 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 79.0  | 63.8  | 95.8  |
| 85       | 50.4  | 43.9  | 65.9  |
| 99       | 58.1  | 49.8  | 74.6  |



#56  
 Ethyl methacrylate  
 Concen: 21.165 ug/l  
 RT: 10.52 min Scan# 1441  
 Delta R.T. -0.00 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 62405 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 58.8  | 47.5  | 71.3  |
| 39       | 29.0  | 25.7  | 38.5  |





#57

1,3-Dichloropropane

Concen: 17.398 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

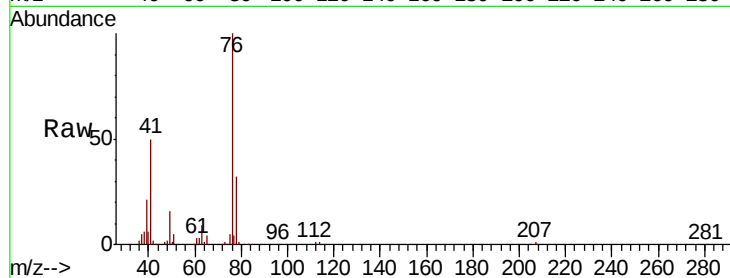
VY0424SBS01

Tot Ion: 76 Resp: 63383

Ion Ratio Lower Upper

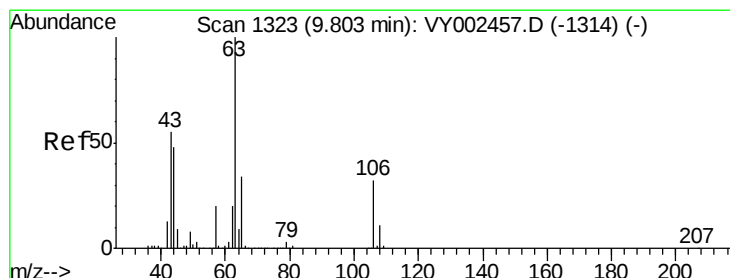
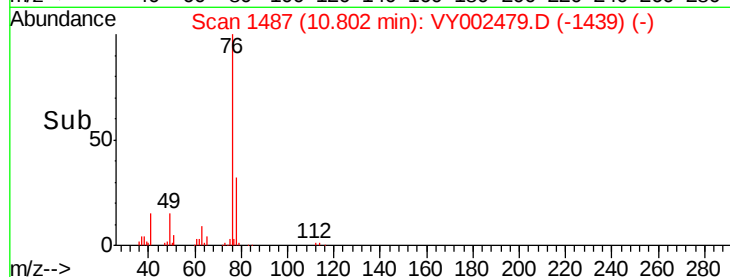
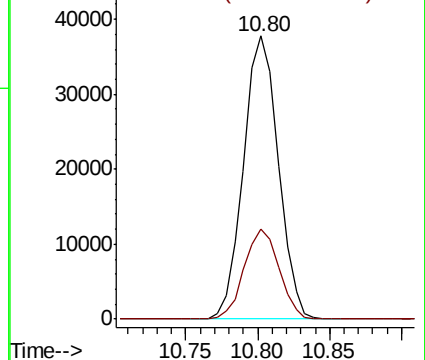
76 100

78 31.8 26.2 39.4



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: 109.579 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VY002479.D

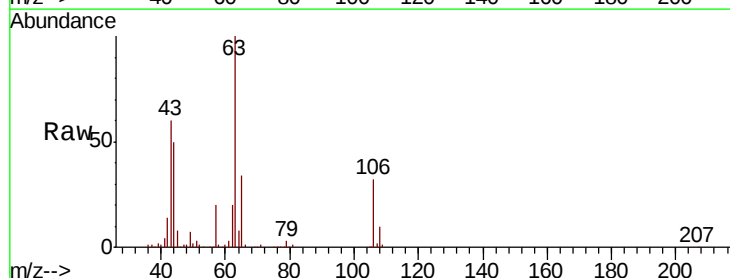
Acq: 24 Apr 2020 14:02

Tgt Ion: 63 Resp: 156245

Ion Ratio Lower Upper

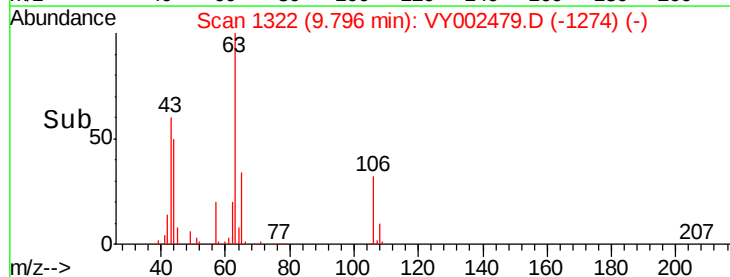
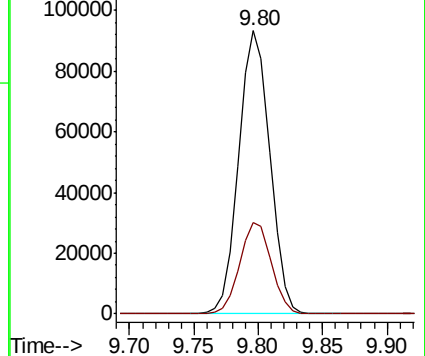
63 100

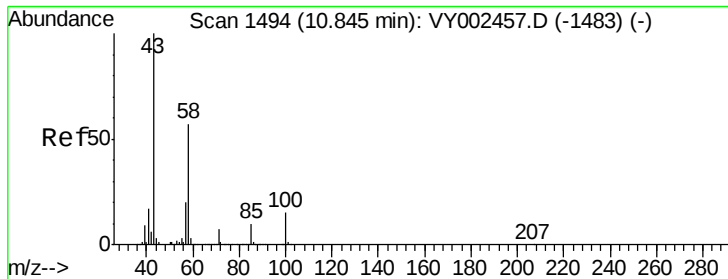
106 32.6 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 90.962 ug/l

RT: 10.84 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

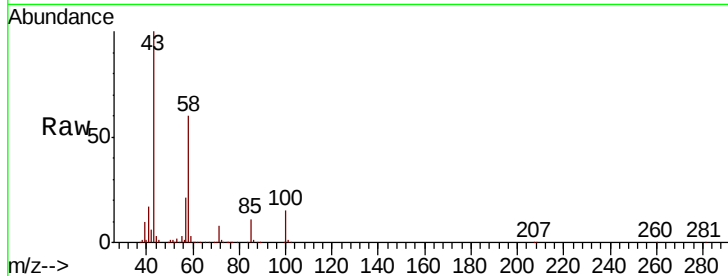
VY0424SBS01

Tot Ion: 43 Resp: 115881

Ion Ratio Lower Upper

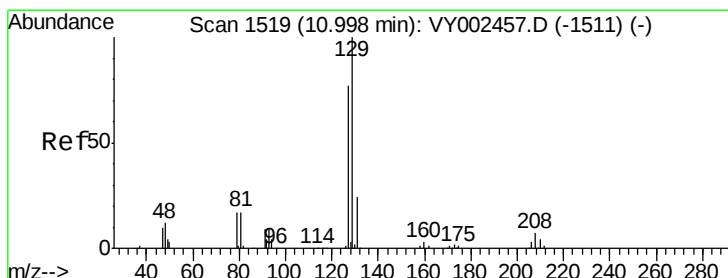
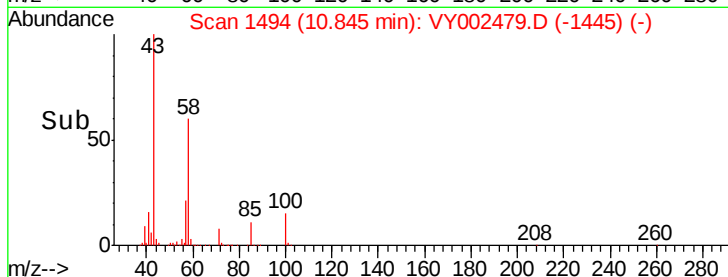
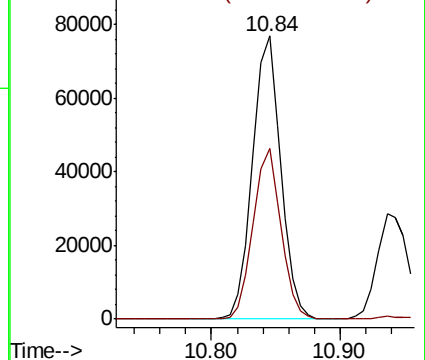
43 100

58 59.5 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#60

Dibromochloromethane

Concen: 17.100 ug/l

RT: 11.00 min Scan# 1519

Delta R.T. -0.00 min

Lab File: VY002479.D

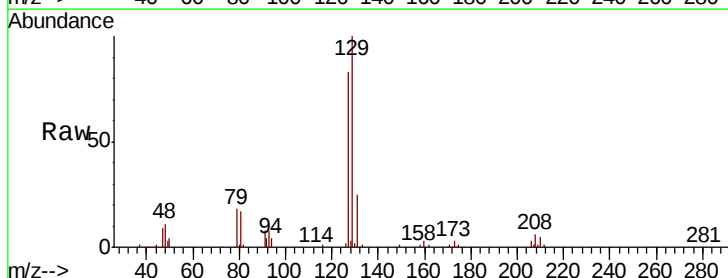
Acq: 24 Apr 2020 14:02

Tgt Ion: 129 Resp: 48351

Ion Ratio Lower Upper

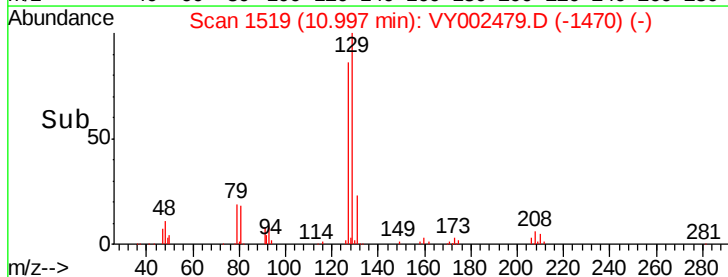
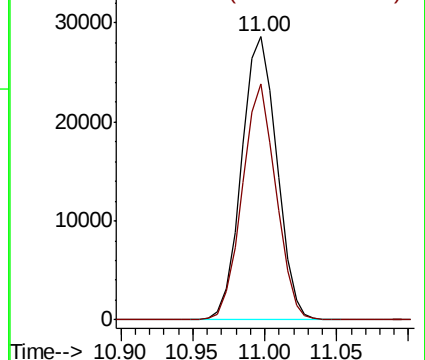
129 100

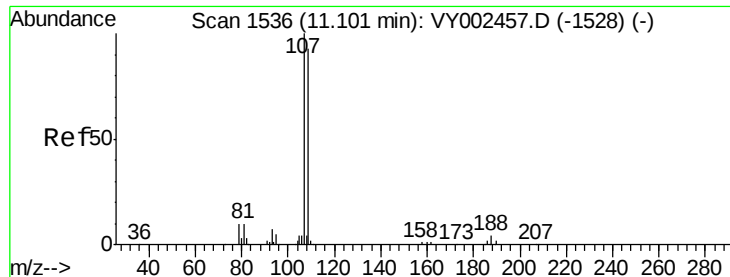
127 80.0 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

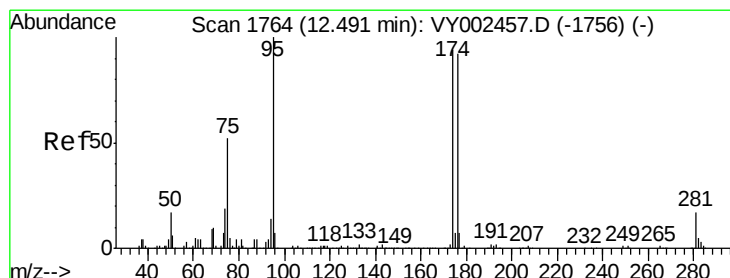
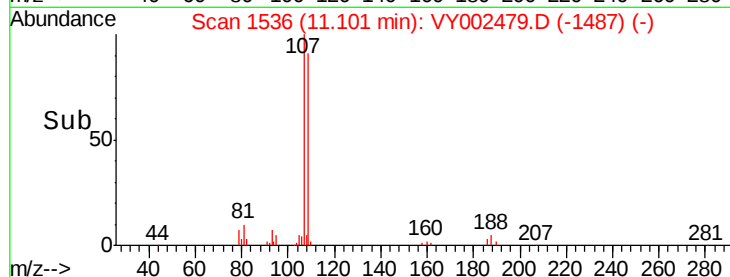
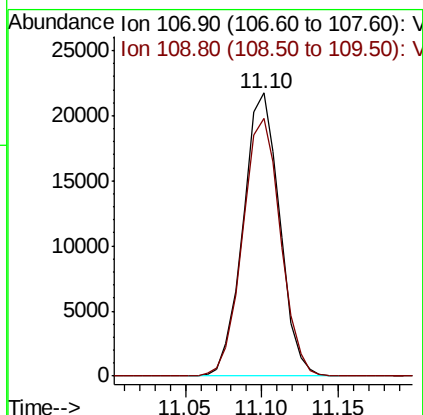
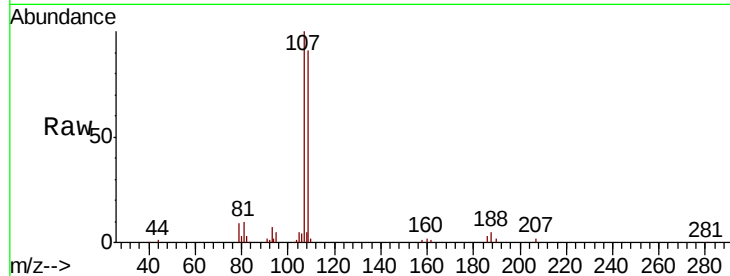




#61  
 1,2-Dibromoethane  
 Concen: 16.831 ug/l  
 RT: 11.10 min Scan# 1536  
 Delta R.T. -0.00 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

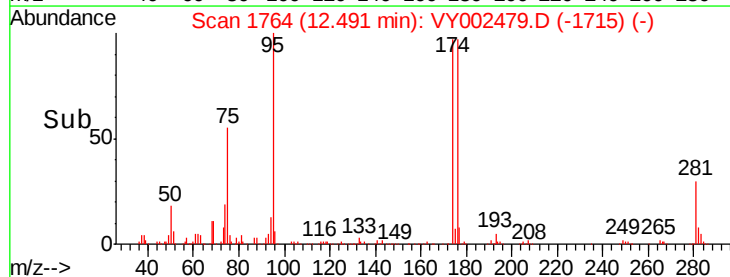
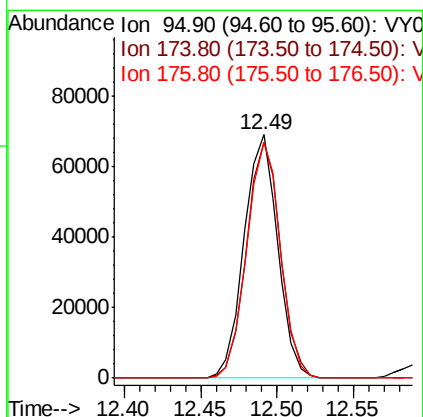
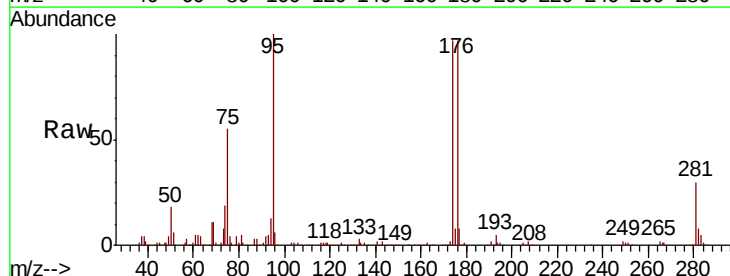
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0424SBS01

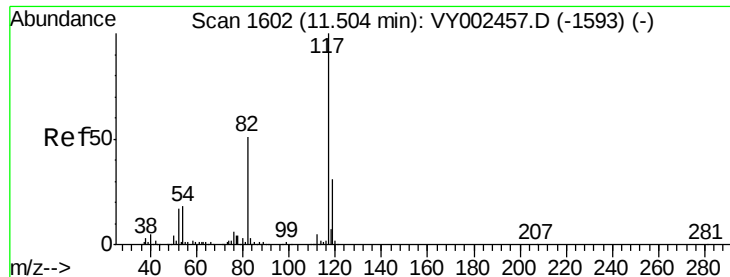
Tot Ion: 107 Resp: 36016  
 Ion Ratio Lower Upper  
 107 100  
 109 94.7 74.9 112.3



#62  
 4-Bromofluorobenzene  
 Concen: 31.687 ug/l  
 RT: 12.49 min Scan# 1764  
 Delta R.T. -0.00 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

Tgt Ion: 95 Resp: 105272  
 Ion Ratio Lower Upper  
 95 100  
 174 97.6 0.0 193.0  
 176 97.0 0.0 190.4

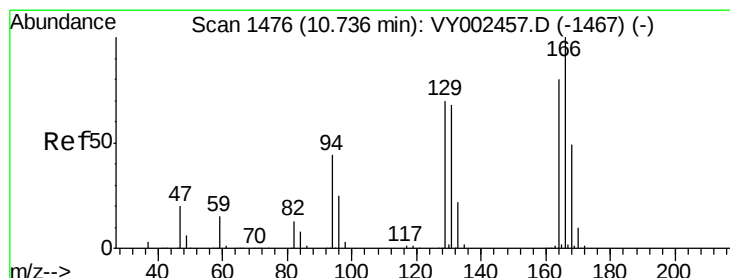
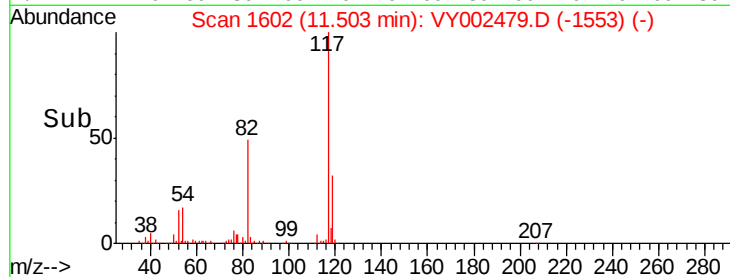
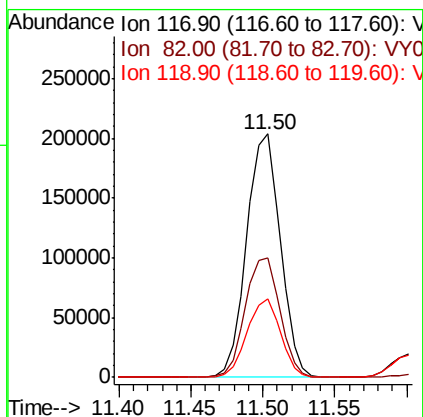
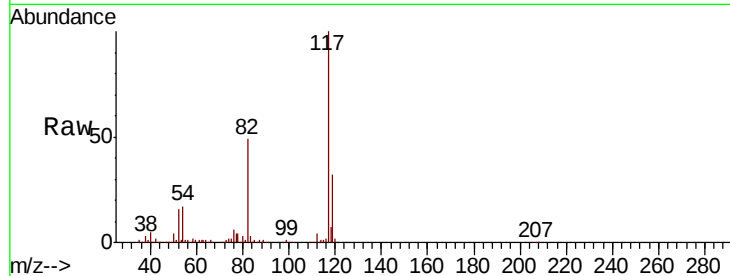




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.50 min Scan# 1602  
Delta R.T. -0.00 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

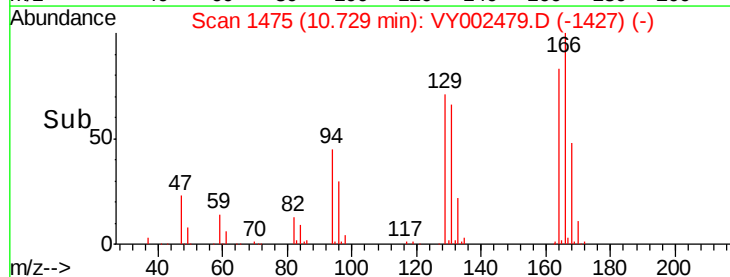
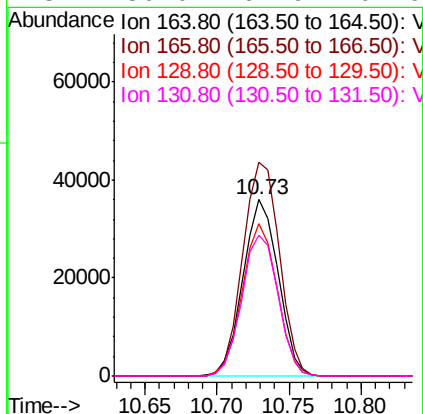
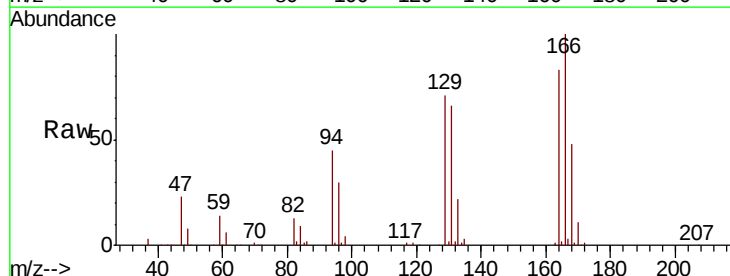
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0424SBS01

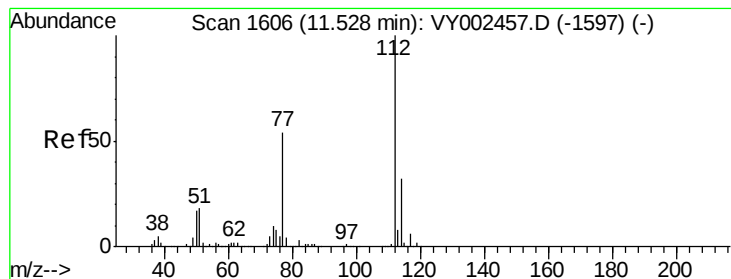
Tot Ion:117 Resp: 329749  
Ion Ratio Lower Upper  
117 100  
82 49.2 40.8 61.2  
119 32.4 25.2 37.8



#64  
Tetrachloroethene  
Concen: 20.151 ug/l  
RT: 10.73 min Scan# 1475  
Delta R.T. -0.01 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

Tgt Ion:164 Resp: 60899  
Ion Ratio Lower Upper  
164 100  
166 121.2 100.0 150.0  
129 86.2 69.8 104.8  
131 80.0 67.9 101.9





#65

Chlorobenzene

Concen: 20.703 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

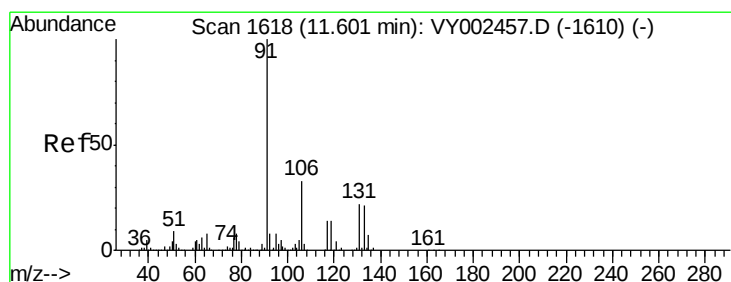
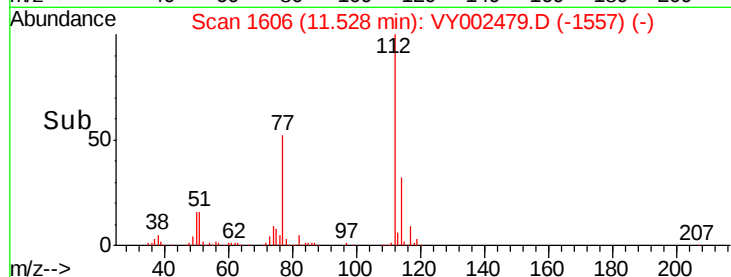
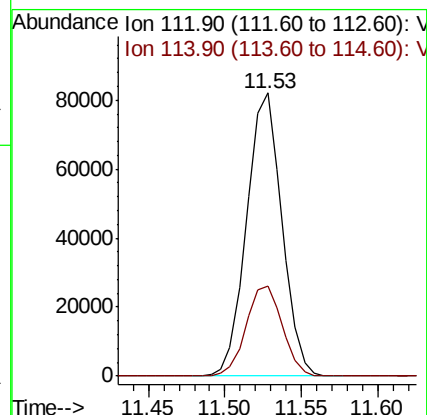
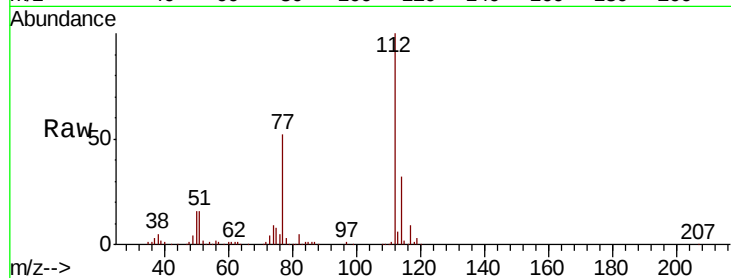
VY0424SBS01

Tot Ion:112 Resp: 131611

Ion Ratio Lower Upper

112 100

114 31.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.907 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

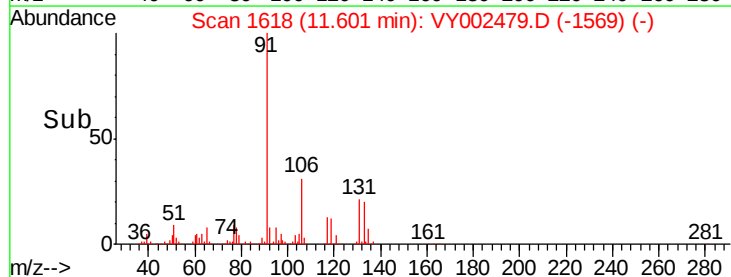
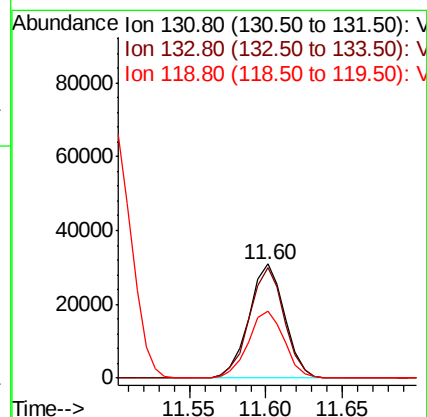
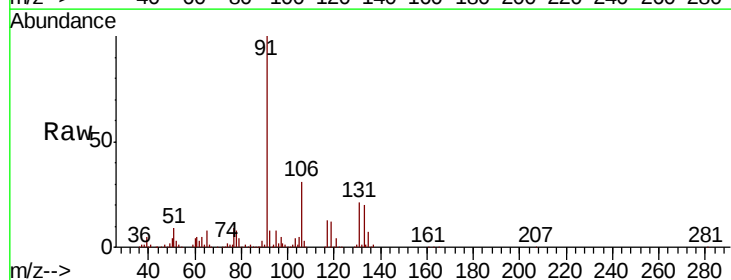
Tgt Ion:131 Resp: 49868

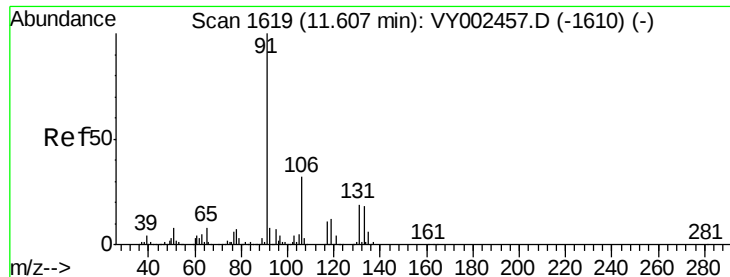
Ion Ratio Lower Upper

131 100

133 95.7 47.8 143.4

119 59.8 31.1 93.3





#67

Ethyl Benzene

Concen: 20.108 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

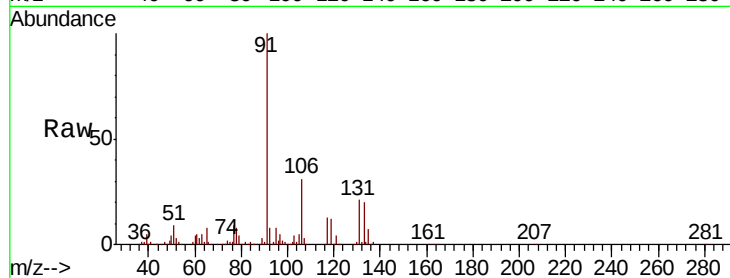
VY0424SBS01

Tot Ion: 91 Resp: 227814

Ion Ratio Lower Upper

91 100

106 31.4 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VY002457.D (-1610) (-)

Ion 106.00 (105.70 to 106.70): VY002457.D (-1610) (-)

11.60

150000

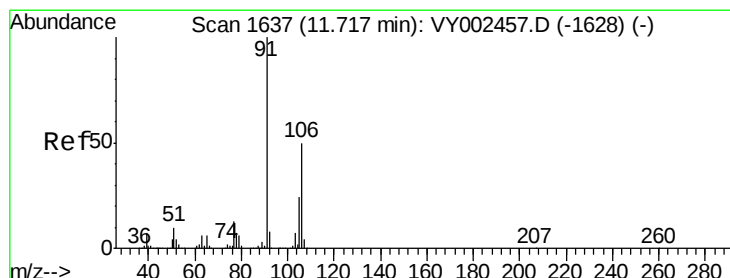
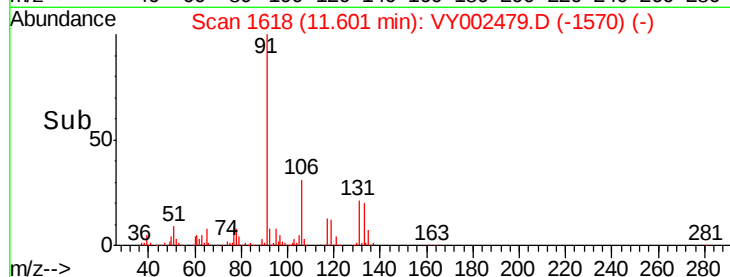
100000

50000

0

11.55 11.60 11.65

Time-->



#68

m/p-Xylenes

Concen: 39.875 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.01 min

Lab File: VY002479.D

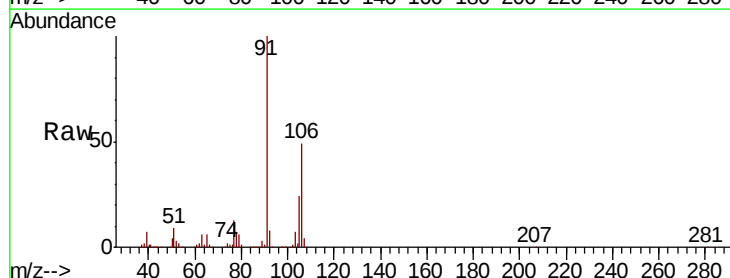
Acq: 24 Apr 2020 14:02

Tgt Ion: 106 Resp: 173915

Ion Ratio Lower Upper

106 100

91 198.2 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VY002457.D (-1628) (-)

Ion 91.00 (90.70 to 91.70): VY002457.D (-1628) (-)

11.71

200000

150000

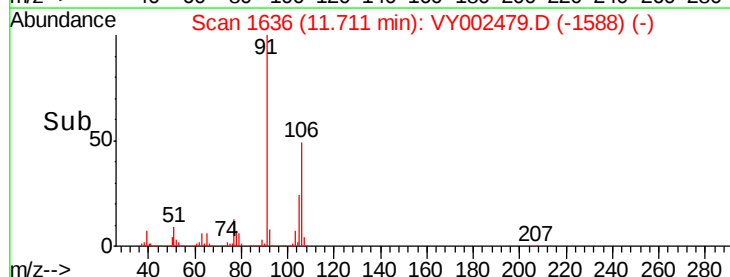
100000

50000

0

11.70 11.71 11.72

Time-->

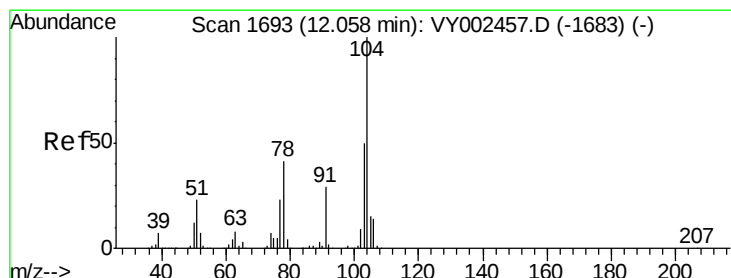
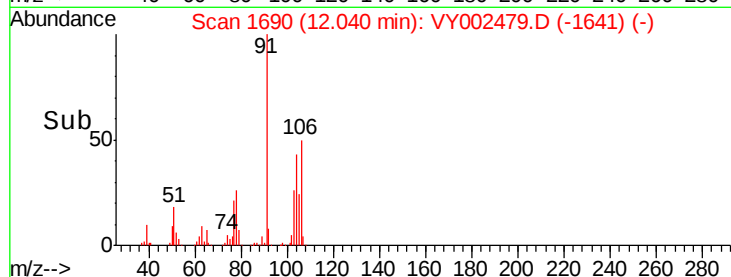
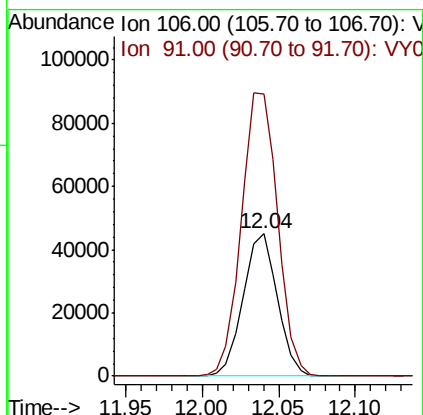
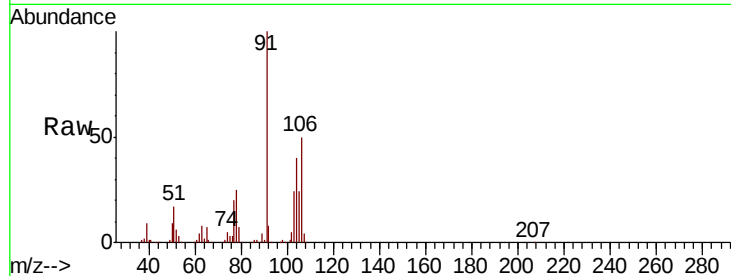




#69  
o-Xylene  
Concen: 17.393 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. -0.00 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

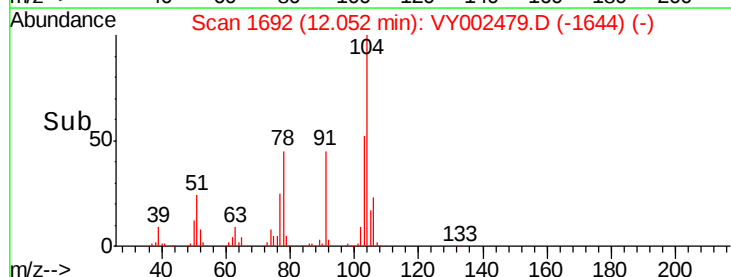
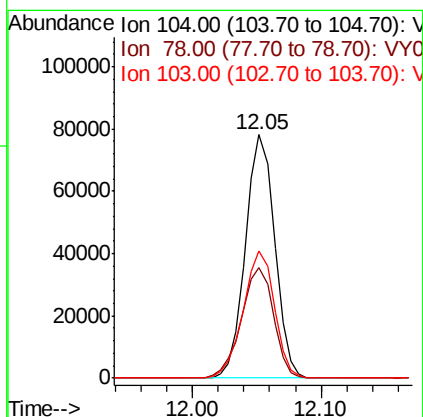
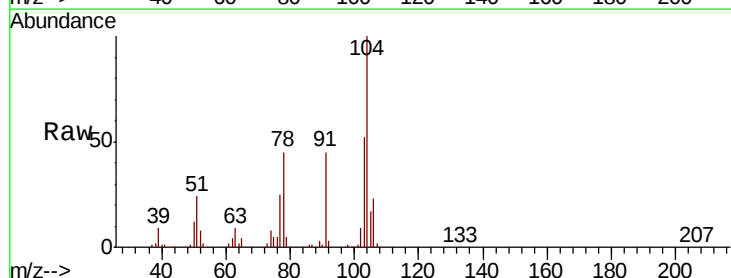
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0424SBS01

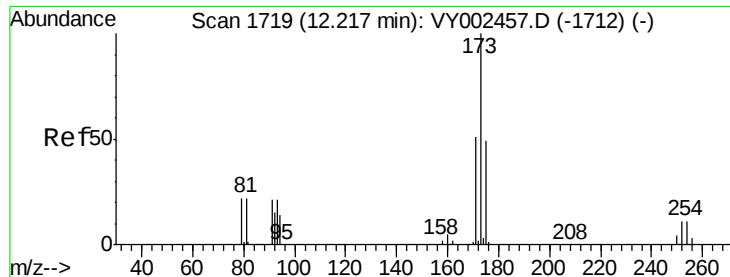
Tot Ion:106 Resp: 70250  
Ion Ratio Lower Upper  
106 100  
91 210.1 104.5 313.3



#70  
Styrene  
Concen: 17.420 ug/l  
RT: 12.05 min Scan# 1692  
Delta R.T. -0.01 min  
Lab File: VY002479.D  
Acq: 24 Apr 2020 14:02

Tgt Ion:104 Resp: 122510  
Ion Ratio Lower Upper  
104 100  
78 49.6 38.0 57.0  
103 55.8 44.4 66.6





#71

Bromoform

Concen: 17.945 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

VY0424SBS01

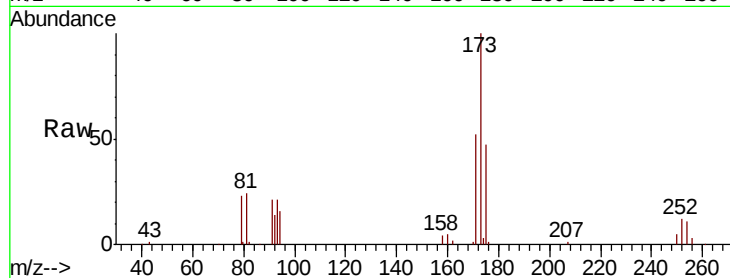
Tot Ion:173 Resp: 26964

Ion Ratio Lower Upper

173 100

175 48.3 24.3 73.0

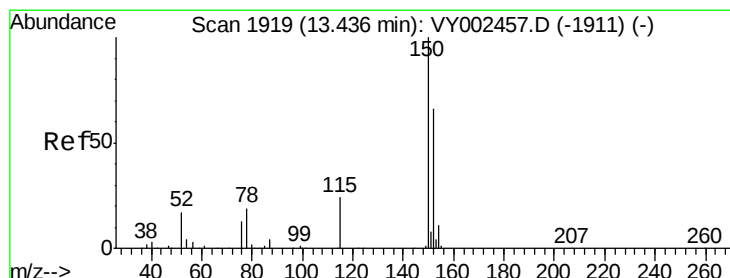
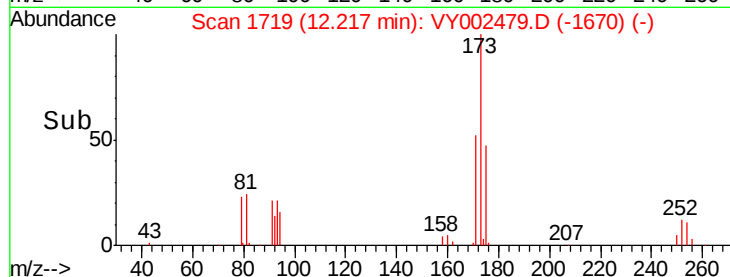
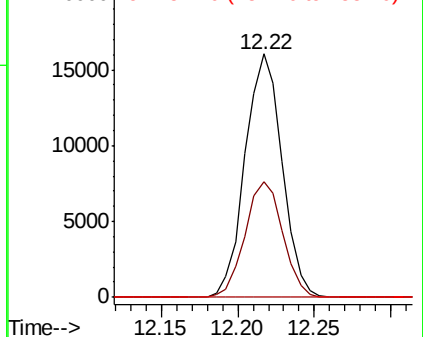
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

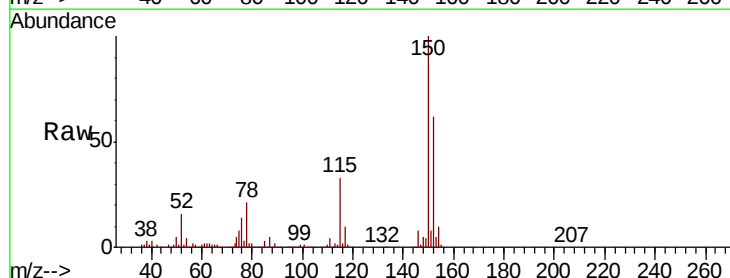
Tgt Ion:152 Resp: 148905

Ion Ratio Lower Upper

152 100

115 54.6 27.3 81.8

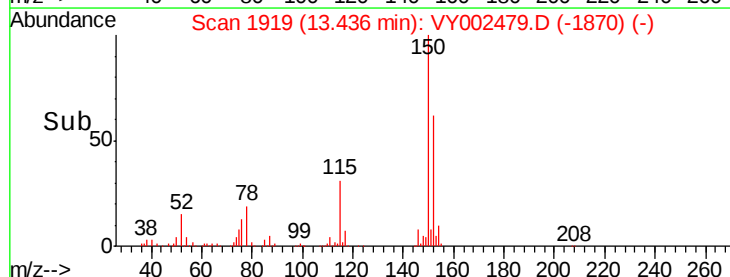
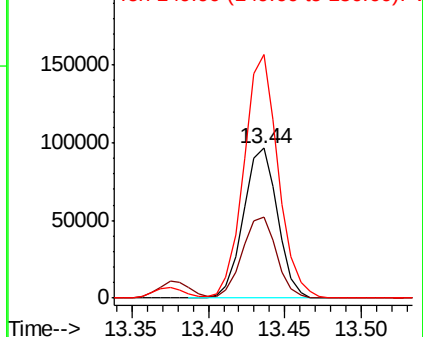
150 163.8 0.0 346.8

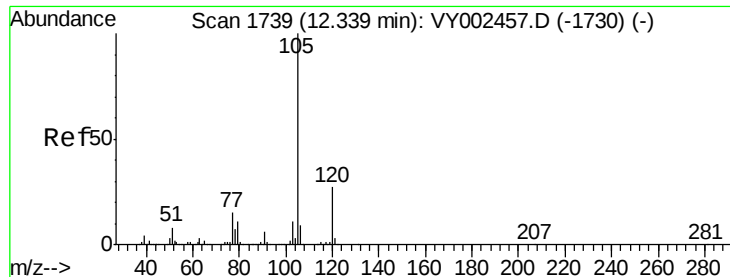


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.640 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

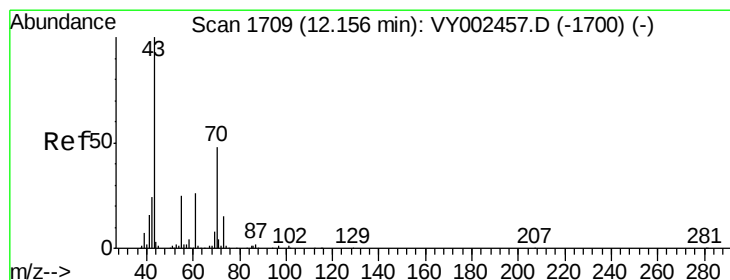
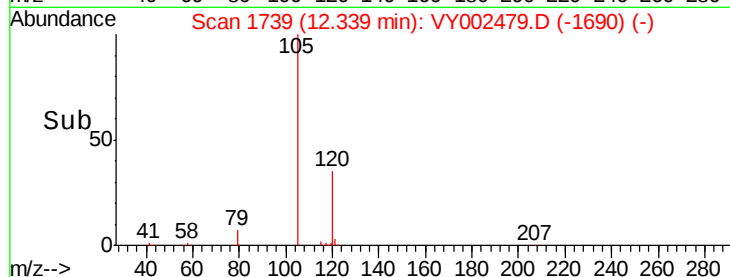
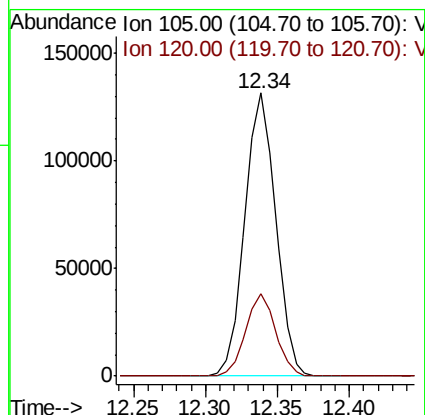
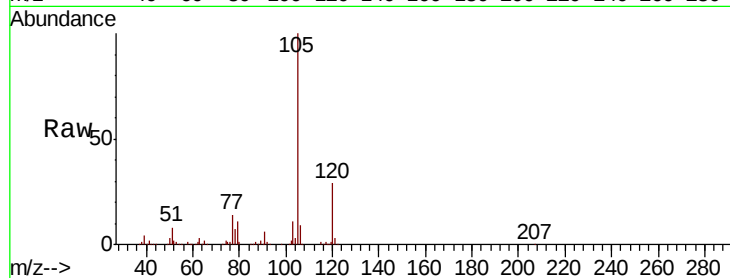
VY0424SBS01

Tot Ion:105 Resp: 195521

Ion Ratio Lower Upper

105 100

120 28.2 13.6 40.7



#74

N-ethyl acetate

Concen: 17.631 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Tgt Ion: 43 Resp: 41591

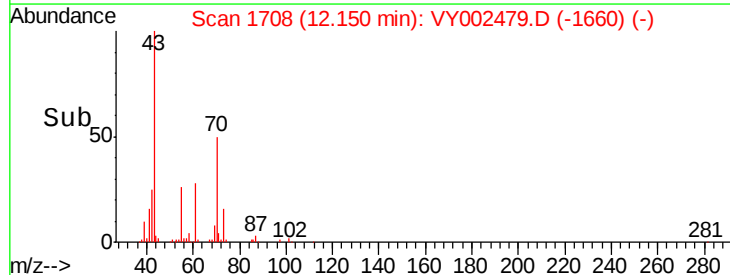
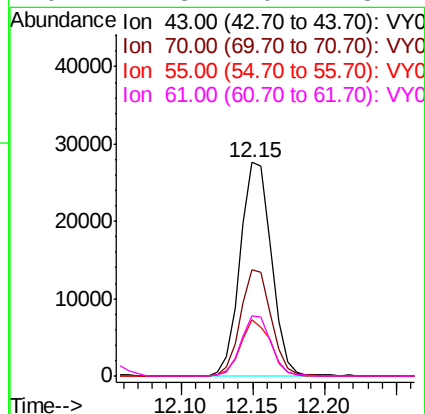
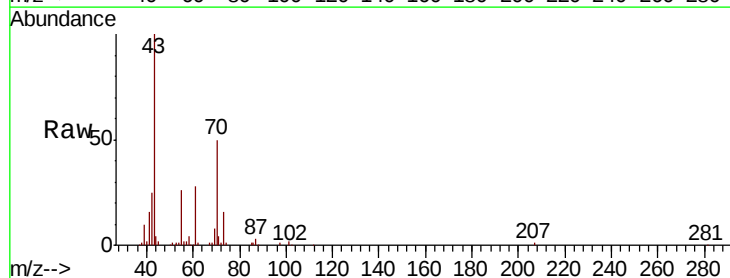
Ion Ratio Lower Upper

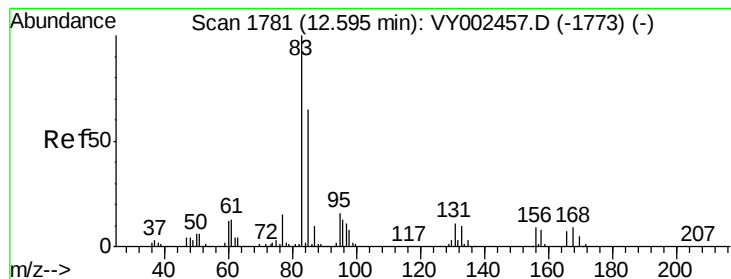
43 100

70 48.9 37.2 55.8

55 25.2 19.6 29.4

61 27.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.125 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

VY0424SBS01

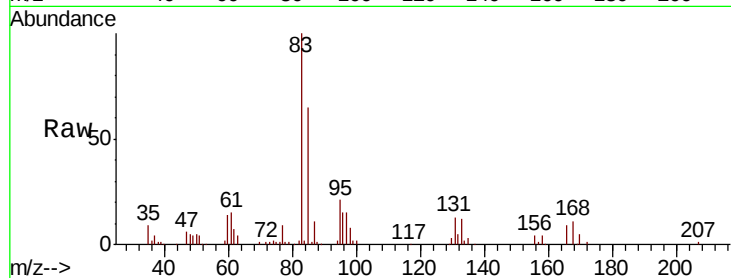
Tot Ion: 83 Resp: 27712

Ion Ratio Lower Upper

83 100

131 14.5 6.2 18.6

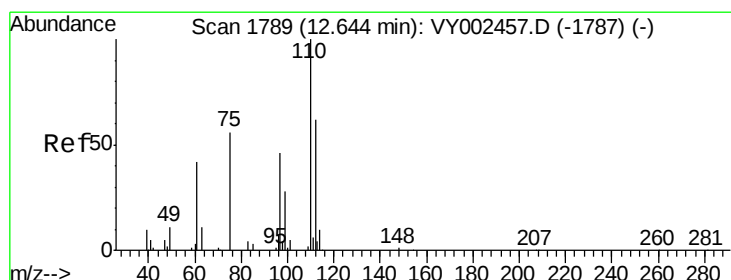
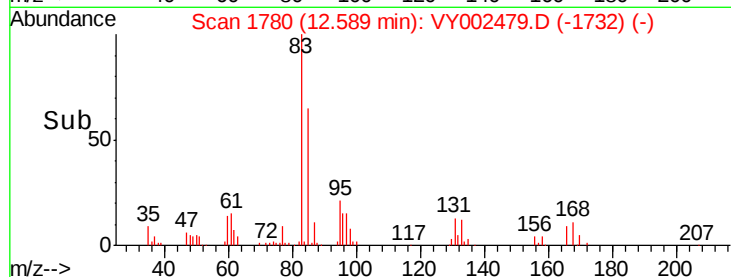
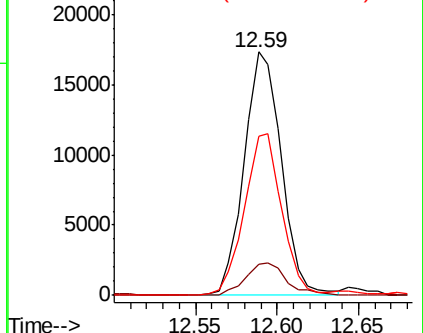
85 66.4 32.5 97.5



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: 17.131 ug/l m

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY002479.D

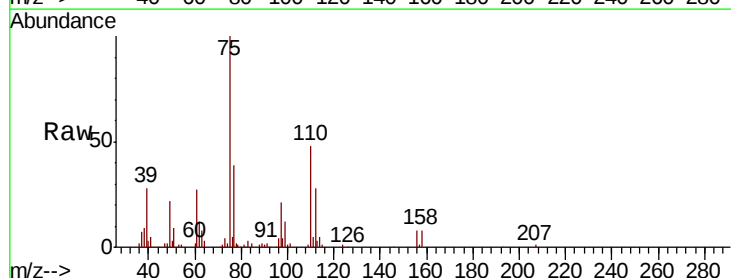
Acq: 24 Apr 2020 14:02

Tgt Ion: 75 Resp: 21620

Ion Ratio Lower Upper

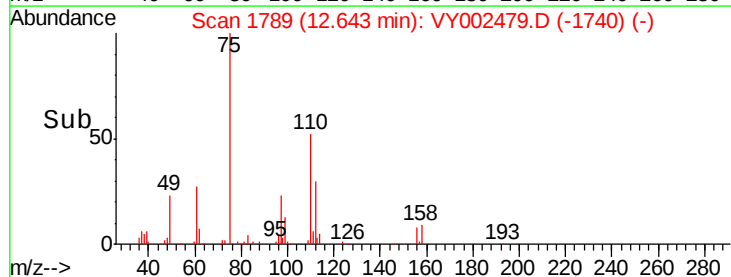
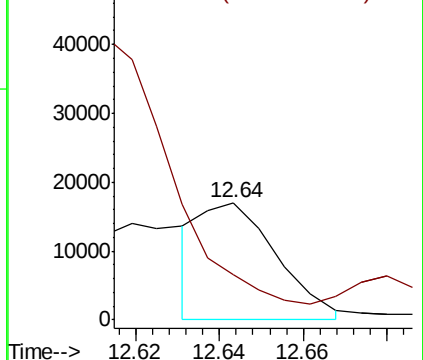
75 100

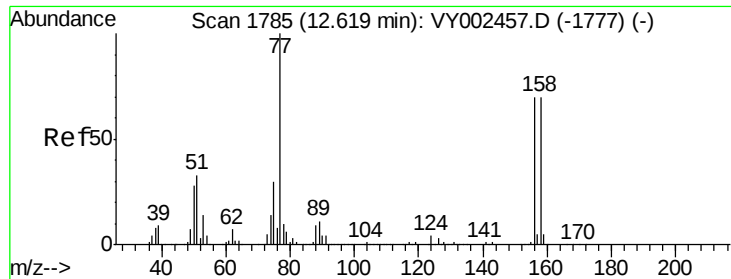
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.936 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

VY0424SBS01

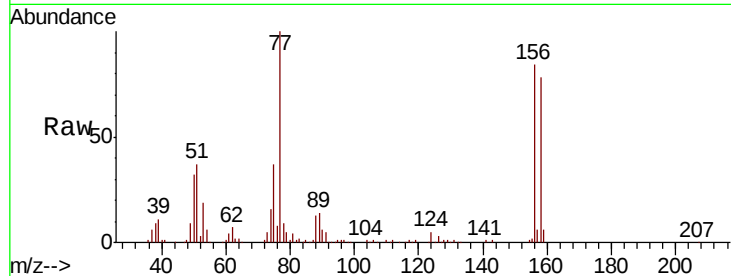
Tot Ion:156 Resp: 49774

Ion Ratio Lower Upper

156 100

77 148.1 78.5 235.7

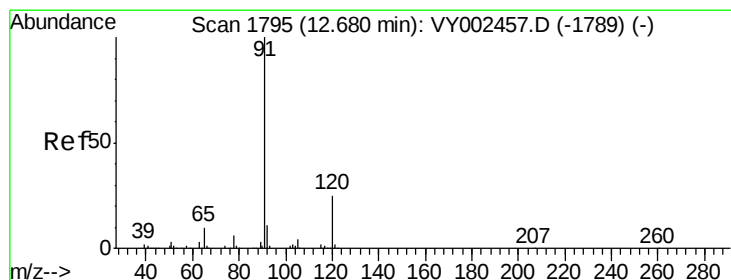
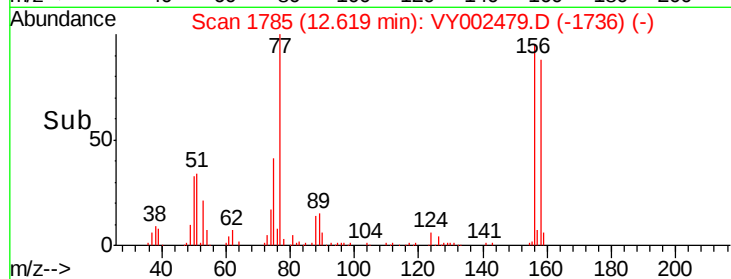
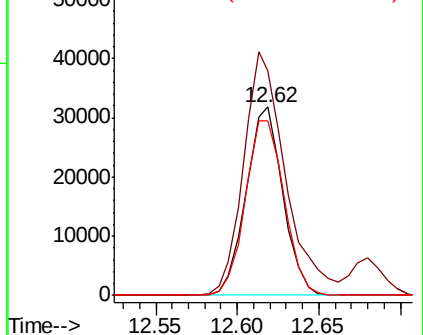
158 98.0 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.808 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002479.D

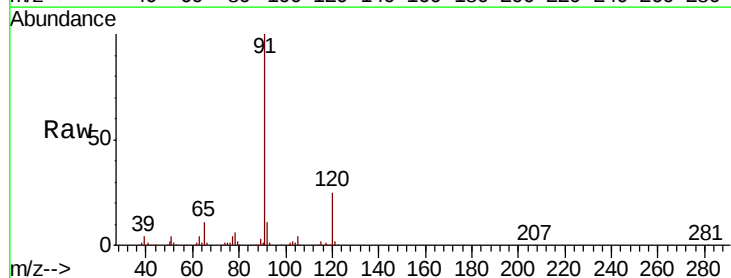
Acq: 24 Apr 2020 14:02

Tgt Ion: 91 Resp: 217393

Ion Ratio Lower Upper

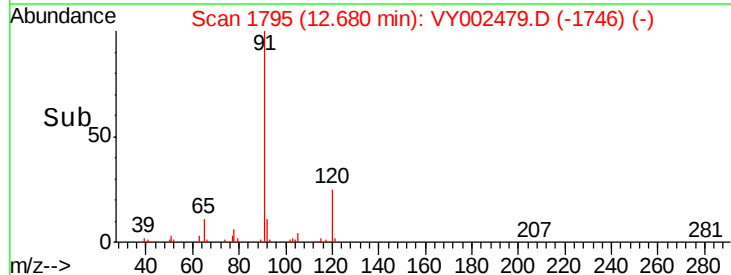
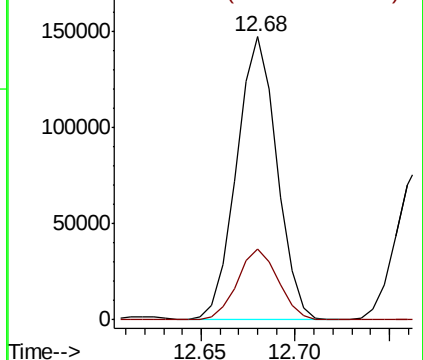
91 100

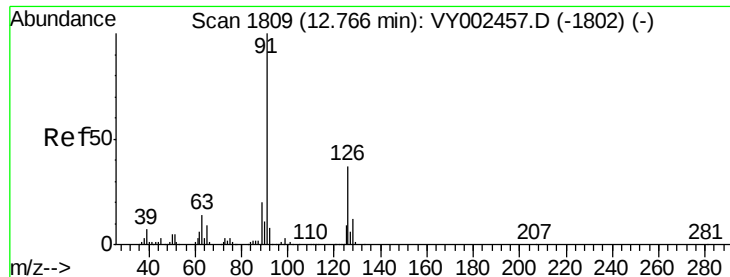
120 25.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

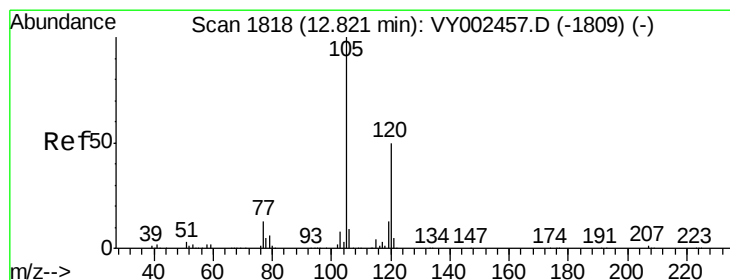
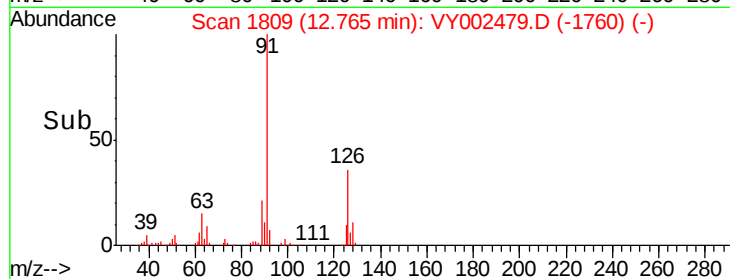
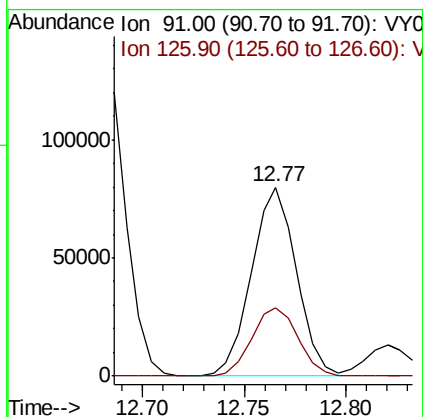
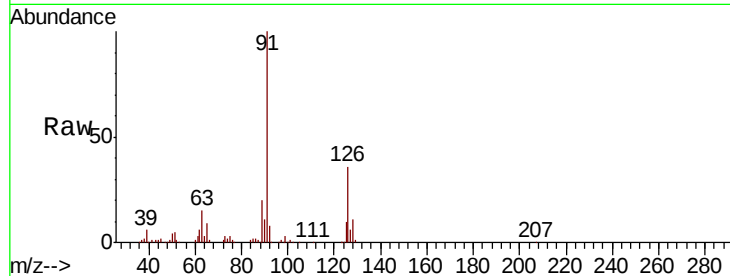




#79  
 2-Chlorotoluene  
 Concen: 19.274 ug/l  
 RT: 12.77 min Scan# 1809  
 Delta R.T. -0.00 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

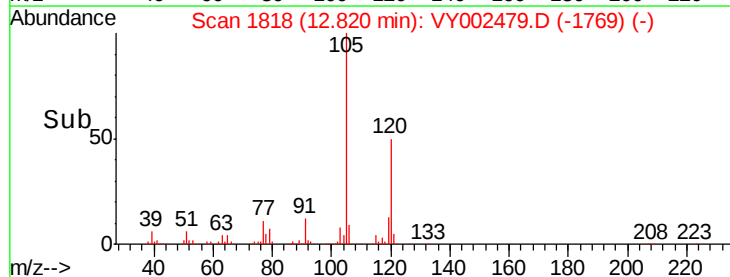
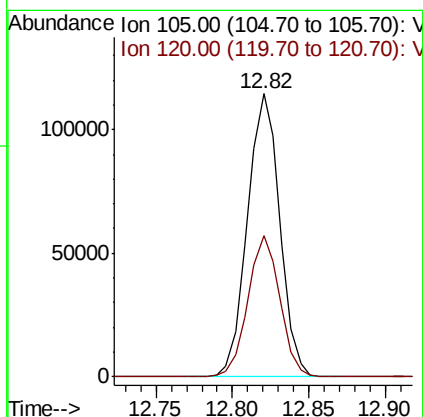
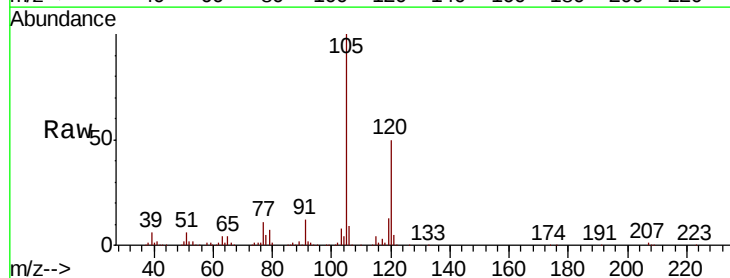
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0424SBS01

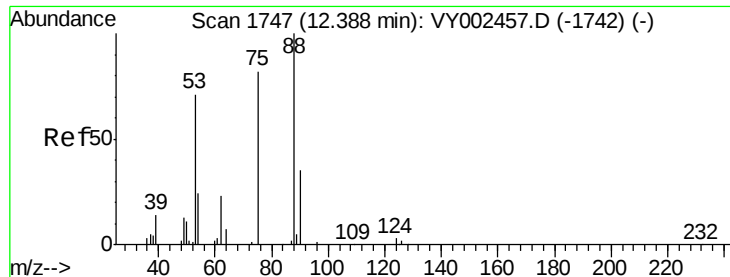
Tot Ion: 91 Resp: 121902  
 Ion Ratio Lower Upper  
 91 100  
 126 37.5 18.5 55.5



#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.920 ug/l  
 RT: 12.82 min Scan# 1818  
 Delta R.T. -0.00 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

Tgt Ion: 105 Resp: 168311  
 Ion Ratio Lower Upper  
 105 100  
 120 49.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.388 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

VY0424SBS01

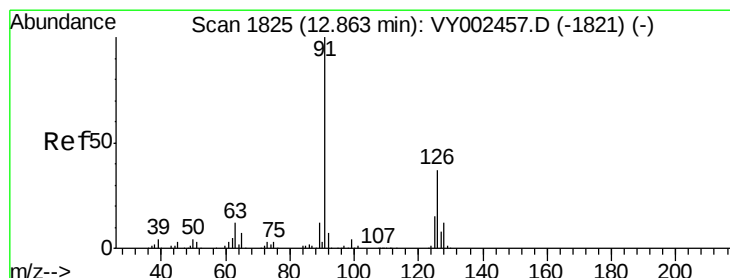
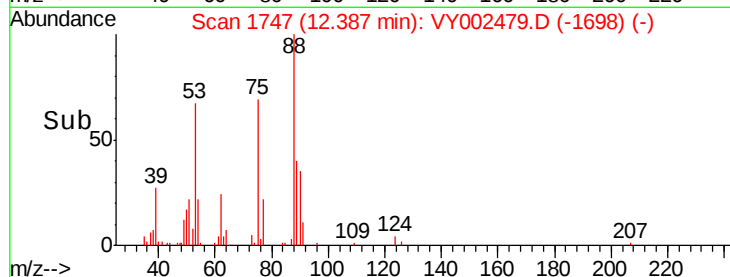
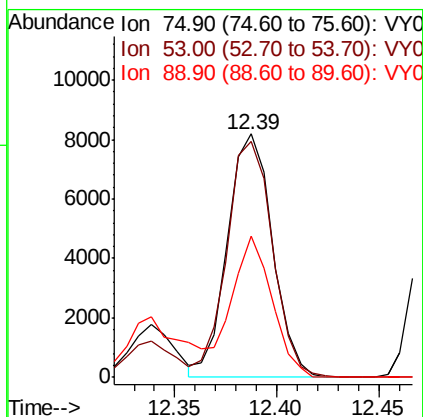
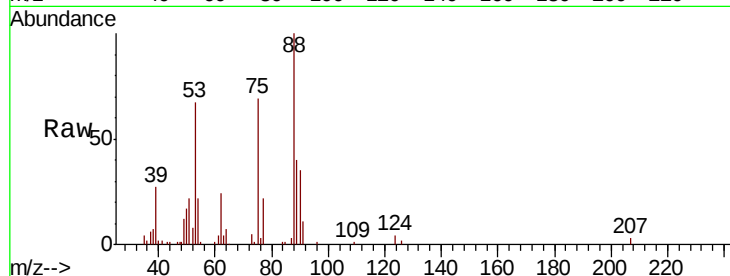
Tot Ion: 75 Resp: 12541

Ion Ratio Lower Upper

75 100

53 98.4 70.0 105.0

89 53.1 34.9 52.3#



#82

4-Chlorotoluene

Concen: 19.881 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY002479.D

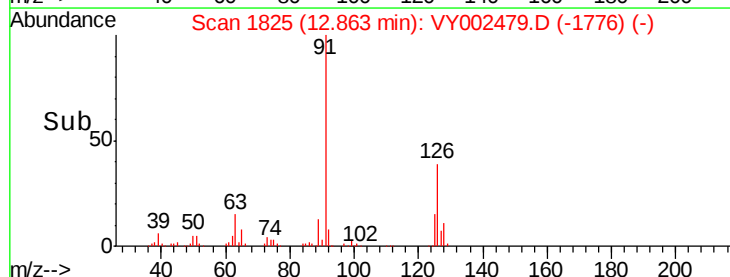
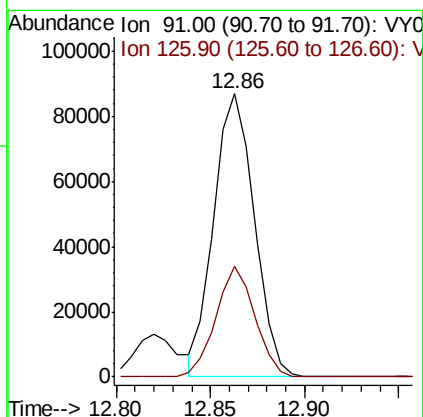
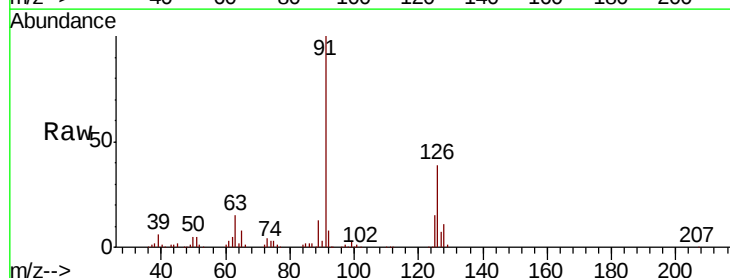
Acq: 24 Apr 2020 14:02

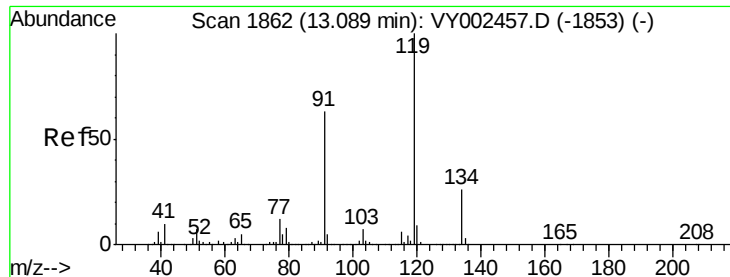
Tgt Ion: 91 Resp: 129961

Ion Ratio Lower Upper

91 100

126 37.6 18.5 55.5

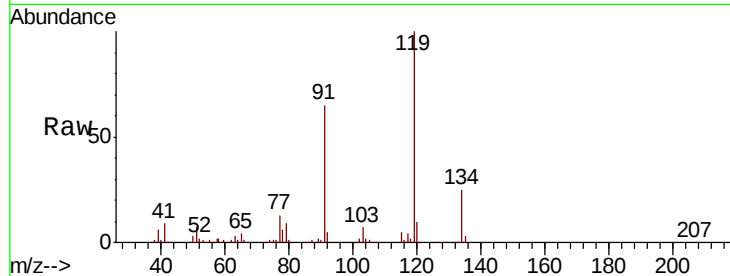




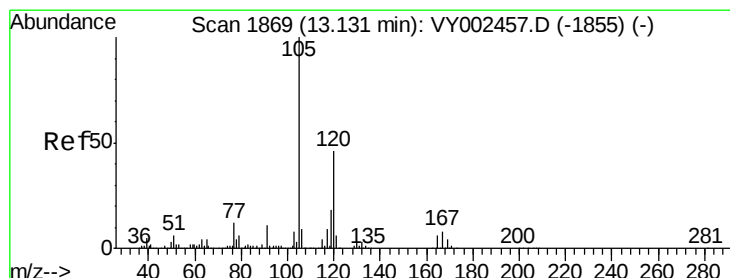
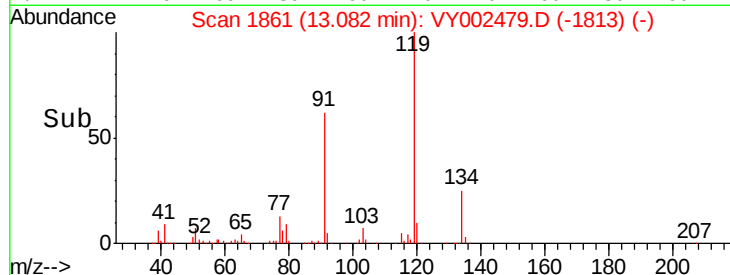
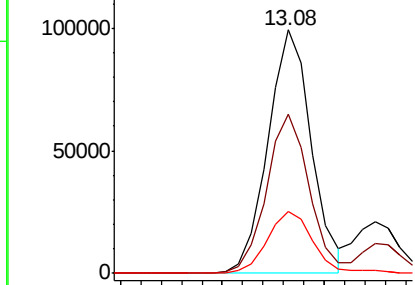
#83  
 tert-Butylbenzene  
 Concen: 20.018 ug/l  
 RT: 13.08 min Scan# 1861  
 Delta R.T. -0.01 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0424SBS01

Tot Ion:119 Resp: 146876  
 Ion Ratio Lower Upper  
 119 100  
 91 63.8 30.8 92.3  
 134 27.1 13.2 39.6

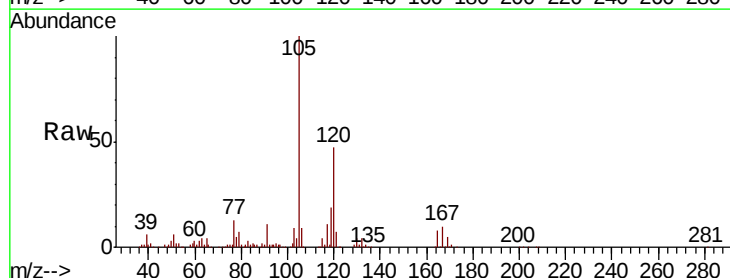


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): VY0  
 Ion 134.00 (133.70 to 134.70): V

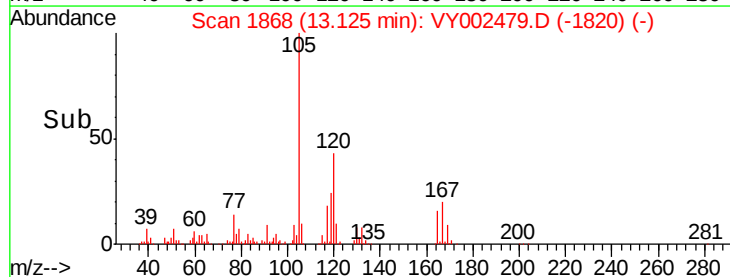
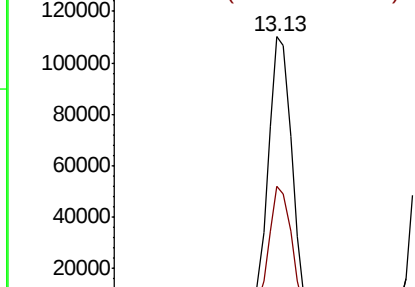


#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.732 ug/l  
 RT: 13.13 min Scan# 1868  
 Delta R.T. -0.01 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

Tgt Ion:105 Resp: 168056  
 Ion Ratio Lower Upper  
 105 100  
 120 46.0 23.1 69.2



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





#85

sec-Butylbenzene

Concen: 20.003 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

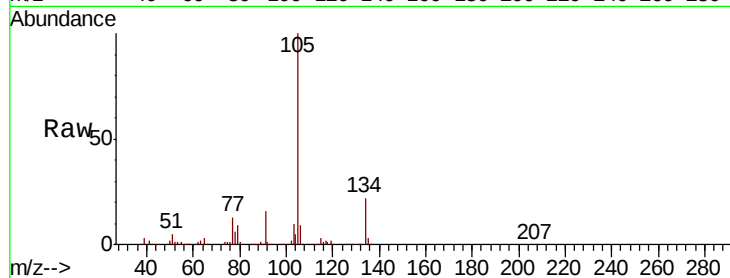
VY0424SBS01

Tot Ion:105 Resp: 196523

Ion Ratio Lower Upper

105 100

134 21.9 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

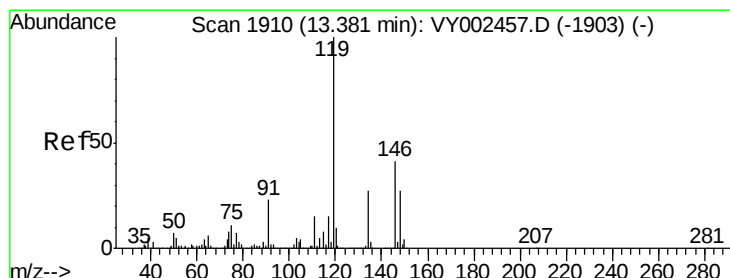
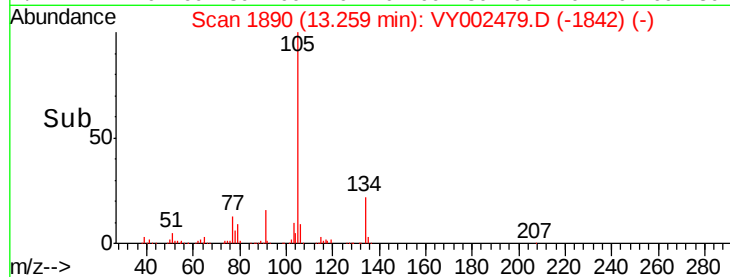
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.423 ug/l

RT: 13.37 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

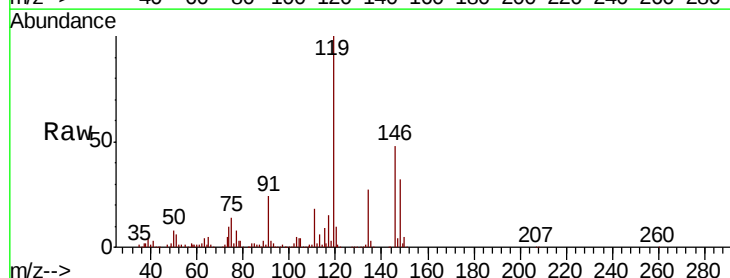
Tgt Ion:119 Resp: 191346

Ion Ratio Lower Upper

119 100

134 28.0 13.5 40.5

91 23.4 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

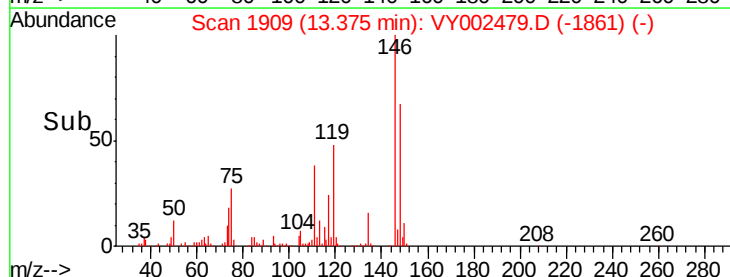
150000

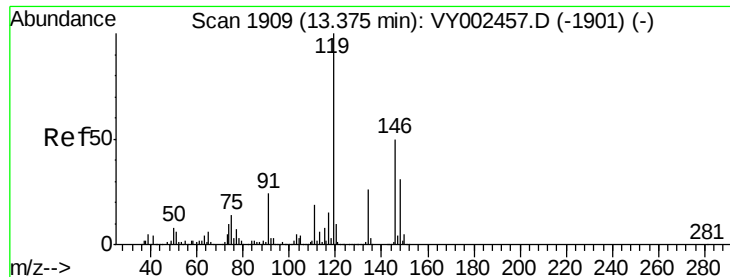
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.821 ug/l

RT: 13.37 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

VY0424SBS01

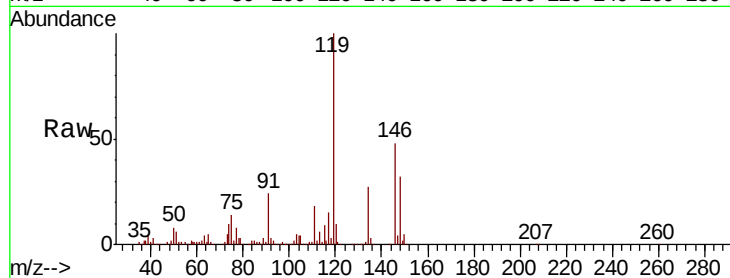
Tot Ion:146 Resp: 96147

Ion Ratio Lower Upper

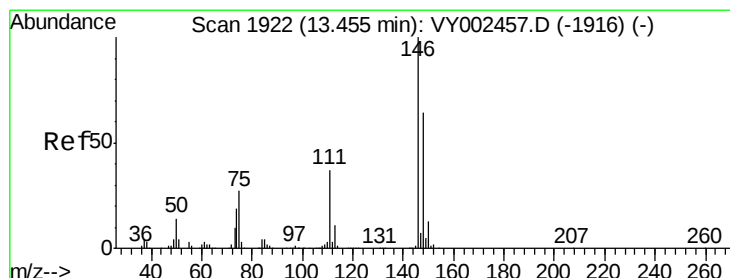
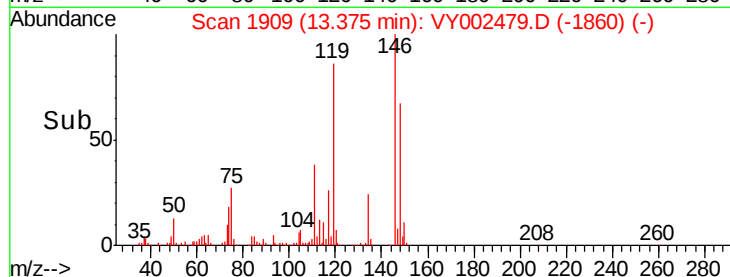
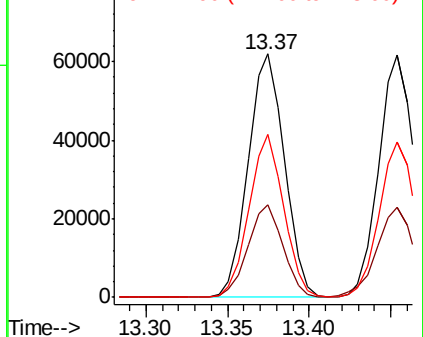
146 100

111 36.7 18.8 56.3

148 63.8 32.0 96.0



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



#88

1,4-Dichlorobenzene

Concen: 20.524 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

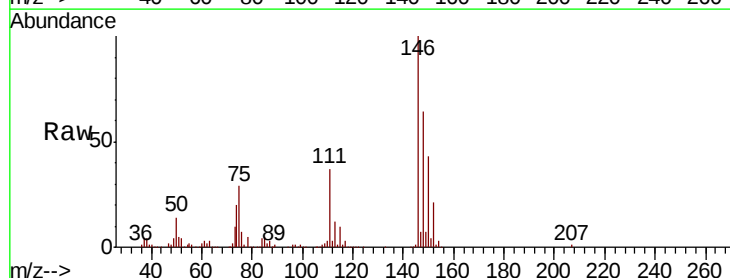
Tgt Ion:146 Resp: 94240

Ion Ratio Lower Upper

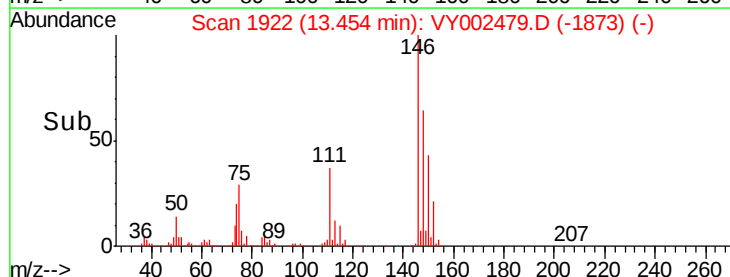
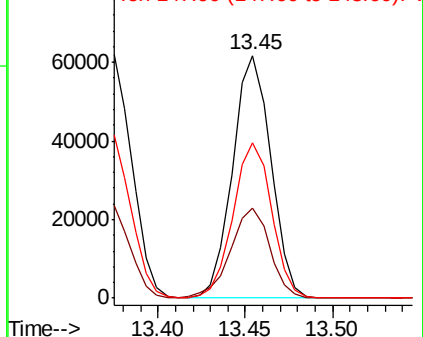
146 100

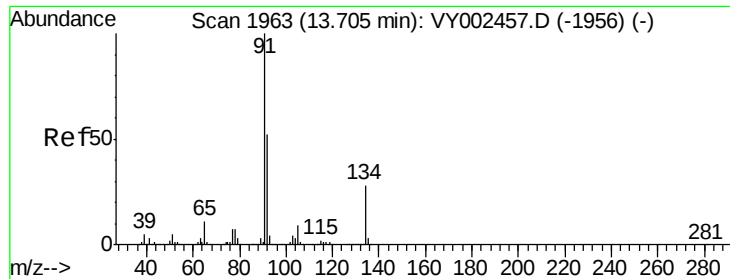
111 38.1 18.1 54.1

148 64.8 32.1 96.5



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





#89

n-Butylbenzene

Concen: 19.011 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

VY0424SBS01

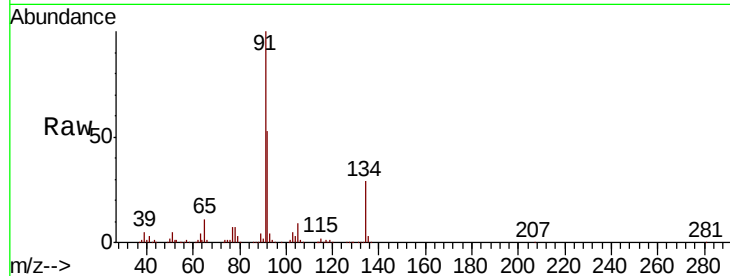
Tot Ion: 91 Resp: 164310

Ion Ratio Lower Upper

91 100

92 53.3 26.5 79.4

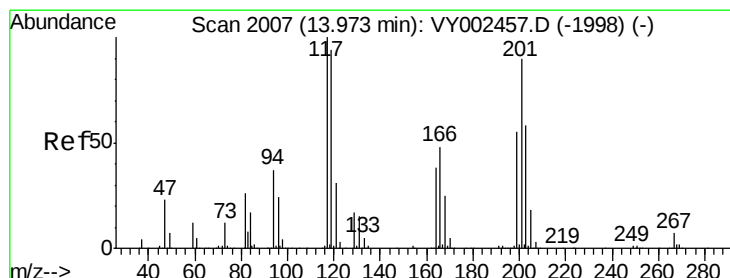
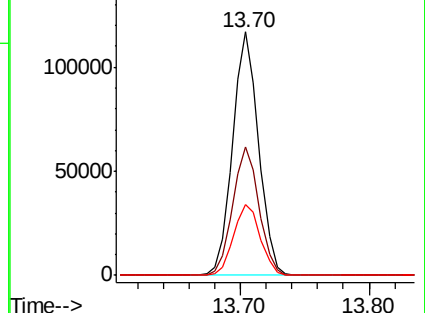
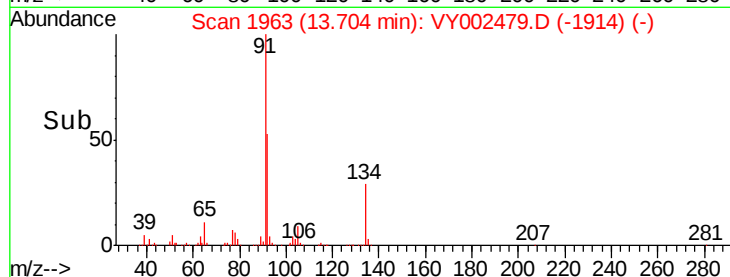
134 30.3 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY002457.D (-1956) (-)

Ion 92.00 (91.70 to 92.70): VY002457.D (-1956) (-)

Ion 134.00 (133.70 to 134.70): VY002457.D (-1956) (-)



#90

Hexachloroethane

Concen: 19.057 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.01 min

Lab File: VY002479.D

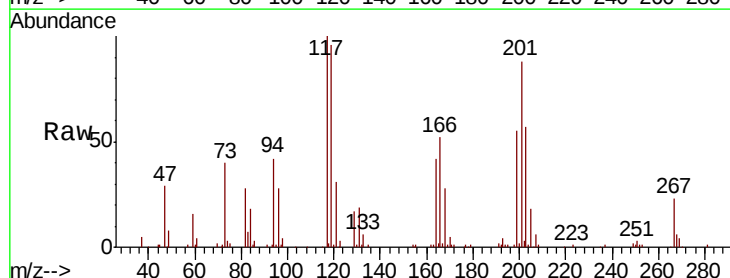
Acq: 24 Apr 2020 14:02

Tgt Ion: 117 Resp: 32273

Ion Ratio Lower Upper

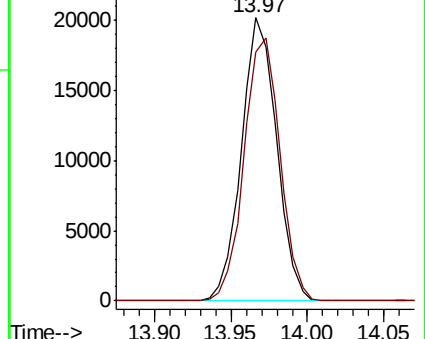
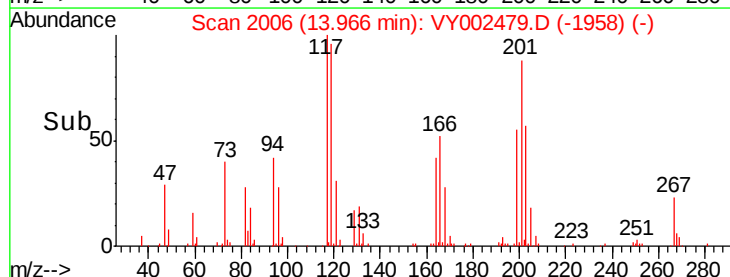
117 100

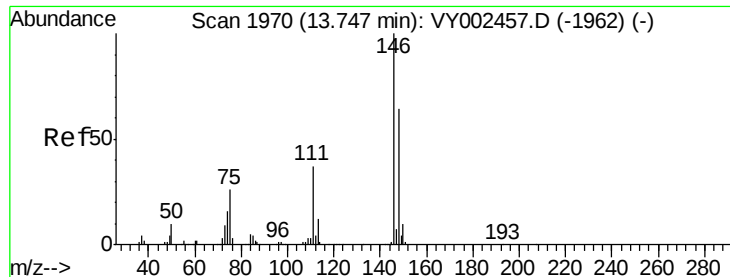
201 95.2 44.4 133.1



Abundance Ion 116.80 (116.50 to 117.50): VY002457.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002457.D (-1998) (-)

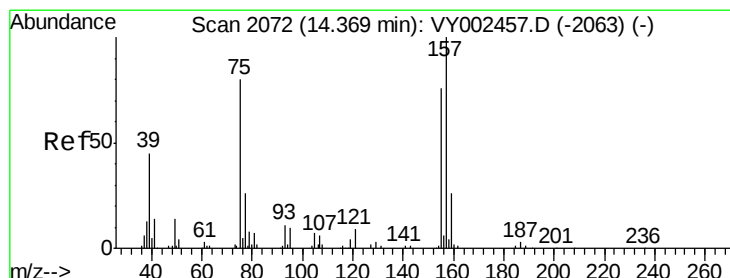
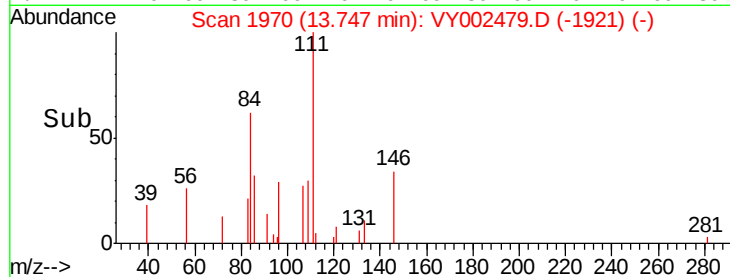
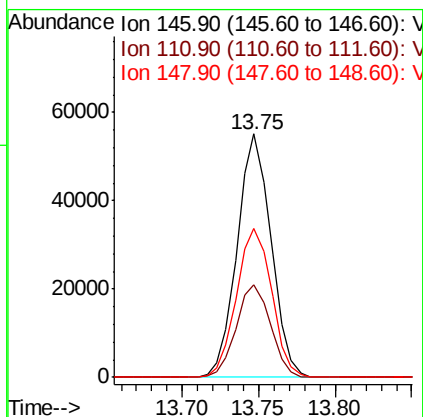
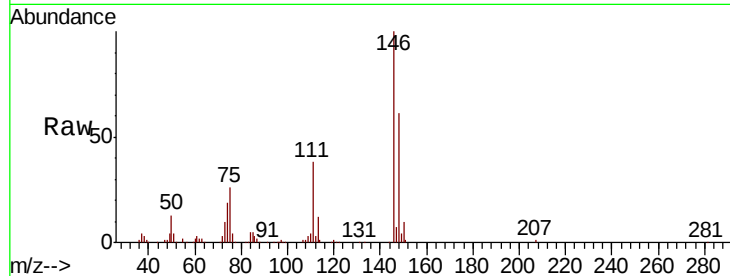




#91  
 1,2-Dichlorobenzene  
 Concen: 21.302 ug/l  
 RT: 13.75 min Scan# 1970  
 Delta R.T. -0.00 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

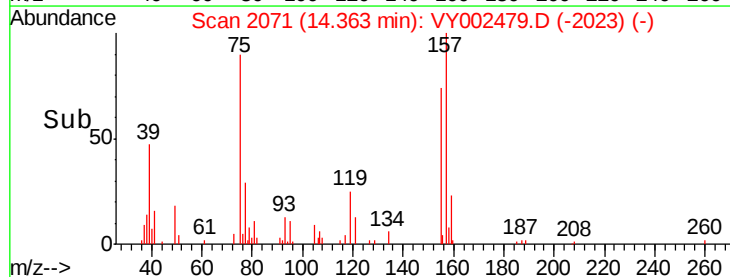
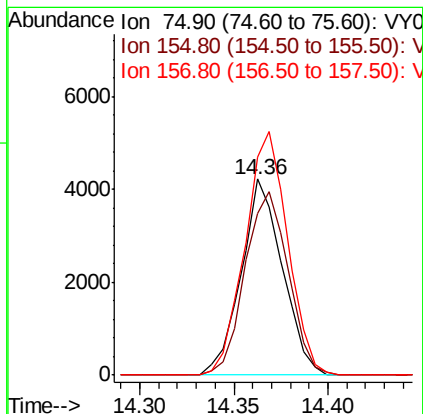
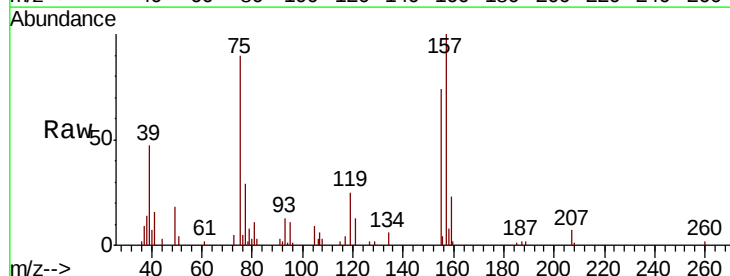
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0424SBS01

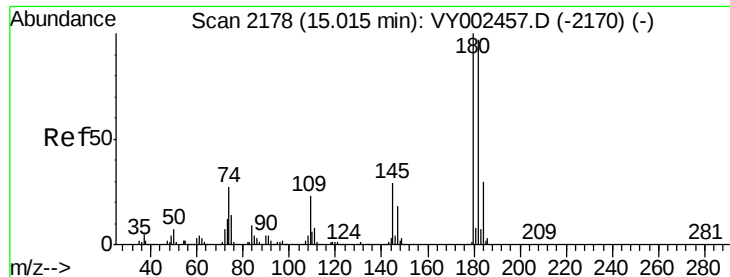
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.6  | 18.9  | 56.9  |
| 148     | 63.6  | 31.6  | 94.7  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.075 ug/l  
 RT: 14.36 min Scan# 2071  
 Delta R.T. -0.01 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 98.1  | 49.6  | 149.0 |
| 157     | 128.5 | 62.6  | 187.9 |

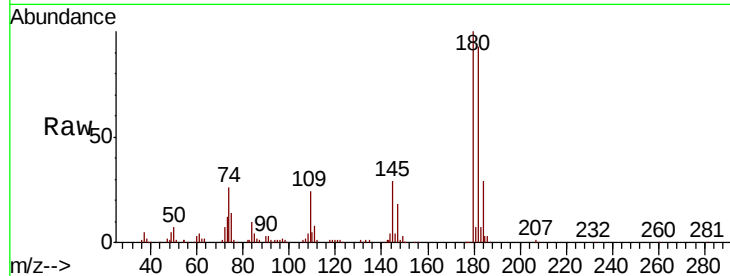




#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.676 ug/l  
 RT: 15.01 min Scan# 2178  
 Delta R.T. -0.00 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0424SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 47.9  | 143.7 |
| 145     | 29.1  | 14.2  | 42.6  |

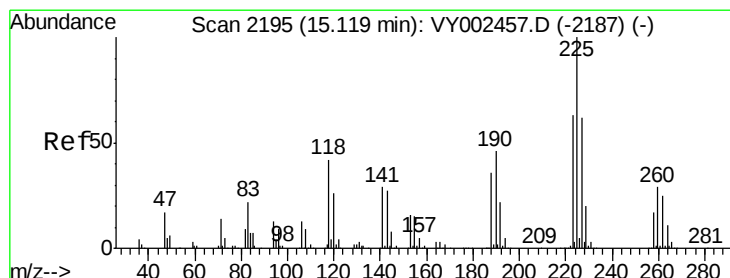
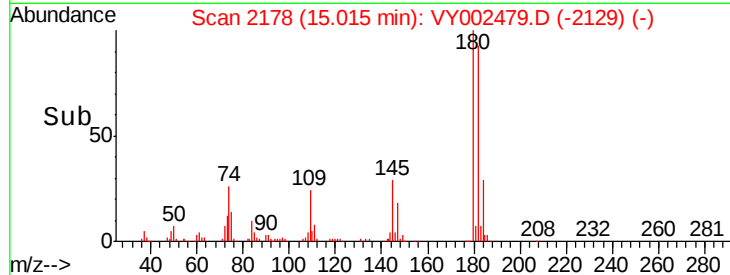
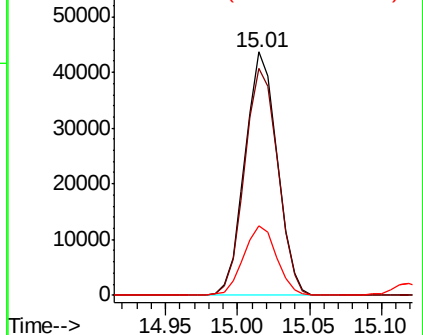


Abundance

Ion 179.80 (179.50 to 180.50): V

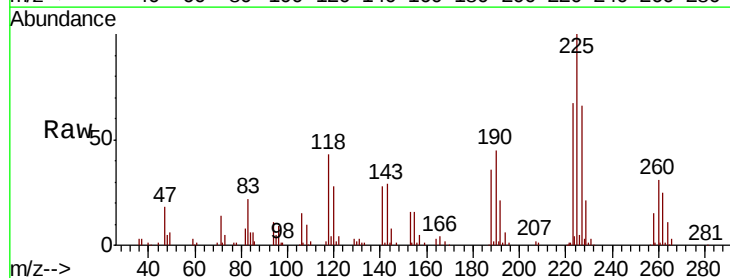
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 21.953 ug/l  
 RT: 15.12 min Scan# 2195  
 Delta R.T. -0.00 min  
 Lab File: VY002479.D  
 Acq: 24 Apr 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.6  | 31.1  | 93.3  |
| 227     | 62.1  | 31.5  | 94.5  |

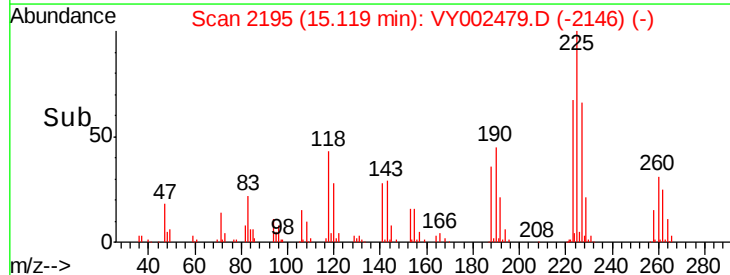
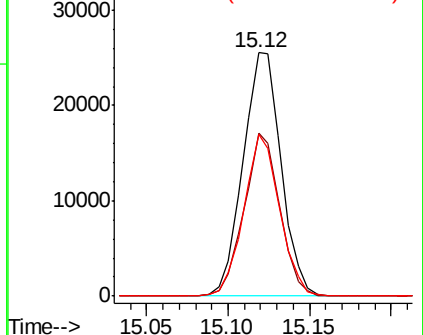


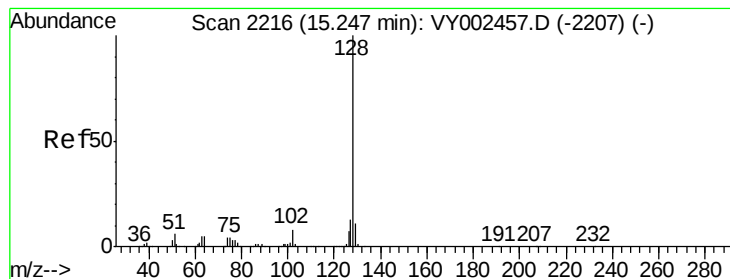
Abundance

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: 22.072 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

VY0424SBS01

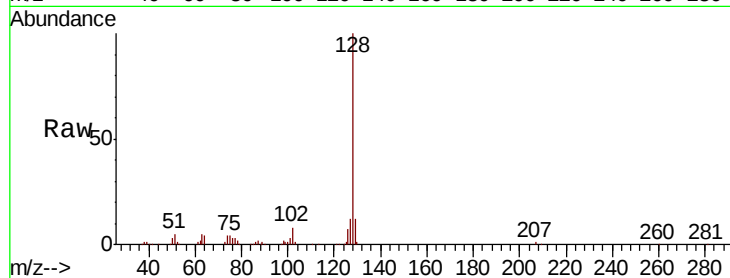
Tot Ion:128 Resp: 128483

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

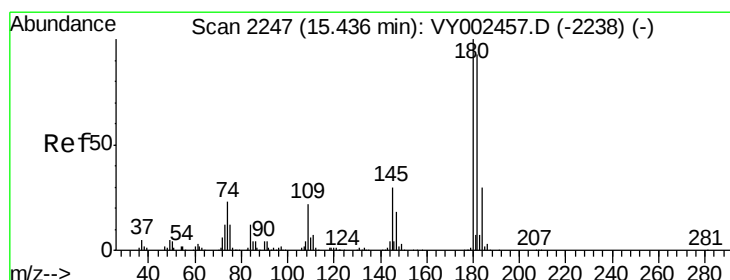
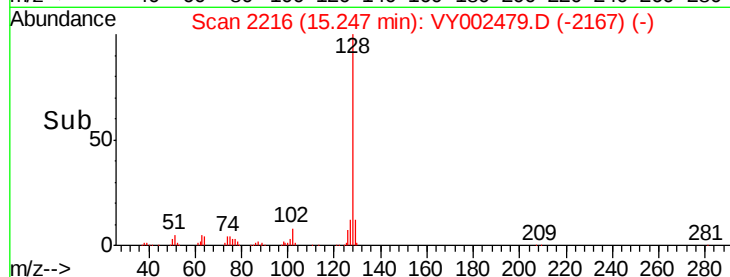
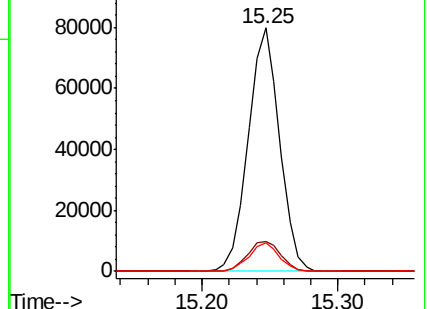
129 11.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.657 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

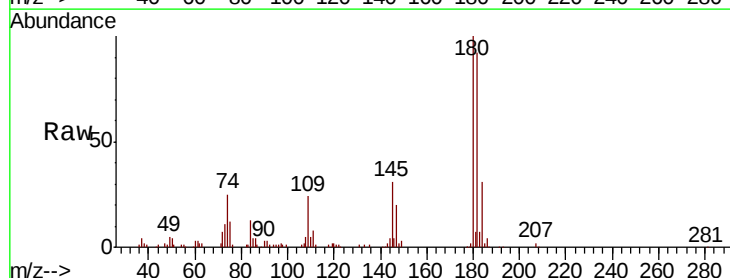
Tgt Ion:180 Resp: 52332

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.6

145 30.8 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

