

Data File : VY000218.D  
Acq On : 08 Oct 2019 12:37  
Operator : SY/MD  
Sample : VSTDIC001  
Misc : 5.0ml/MSVOA\_Y/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC001

Quant Time: Oct 08 14:23:20 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y100819W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 08 14:14:03 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 270628   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.70  | 114  | 442784   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 381976   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 178710   | 50.00 | ug/l  | 0.00     |

#### System Monitoring Compounds

|                           |        |     |          |      |       |      |
|---------------------------|--------|-----|----------|------|-------|------|
| 33) 1,2-Dichloroethane-d4 | 8.15   | 65  | 3899     | 1.50 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 3.00% |      |
| 35) Dibromofluoromethane  | 7.74   | 113 | 3361     | 1.32 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 2.64% |      |
| 50) Toluene-d8            | 10.18  | 98  | 11521    | 1.23 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 2.46% |      |
| 62) 4-Bromofluorobenzene  | 12.48  | 95  | 3801     | 1.12 | ug/l  | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 2.24% |      |

#### Target Compounds

|                               |      |     |       |       | Qvalue |     |
|-------------------------------|------|-----|-------|-------|--------|-----|
| 2) Dichlorodifluoromethane    | 1.90 | 85  | 2524  | 1.225 | ug/l   | 85  |
| 3) Chloromethane              | 2.12 | 50  | 3954  | 1.579 | ug/l   | 92  |
| 4) Vinyl Chloride             | 2.25 | 62  | 3675  | 1.352 | ug/l # | 87  |
| 5) Bromomethane               | 2.65 | 94  | 3034  | 1.387 | ug/l   | 90  |
| 6) Chloroethane               | 2.80 | 64  | 2117  | 1.212 | ug/l # | 81  |
| 7) Trichlorofluoromethane     | 3.12 | 101 | 4841  | 1.263 | ug/l # | 81  |
| 8) Diethyl Ether              | 3.54 | 74  | 2521  | 1.694 | ug/l   | 94  |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91 | 101 | 2782  | 1.233 | ug/l # | 72  |
| 10) Methyl Iodide             | 4.10 | 142 | 2558  | 0.844 | ug/l   | 97  |
| 11) Tert butyl alcohol        | 4.97 | 59  | 10746 | 8.233 | ug/l   | 99  |
| 12) 1,1-Dichloroethene        | 3.88 | 96  | 2704  | 1.169 | ug/l # | 77  |
| 13) Acrolein                  | 3.74 | 56  | 4723  | 9.215 | ug/l   | 100 |
| 14) Allyl chloride            | 4.48 | 41  | 4825  | 1.400 | ug/l # | 84  |
| 15) Acrylonitrile             | 5.18 | 53  | 15443 | 7.208 | ug/l   | 98  |
| 16) Acetone                   | 3.96 | 43  | 13067 | 7.638 | ug/l   | 91  |
| 17) Carbon Disulfide          | 4.20 | 76  | 8650  | 1.363 | ug/l # | 88  |
| 18) Methyl Acetate            | 4.49 | 43  | 6661  | 1.424 | ug/l   | 94  |
| 19) Methyl tert-butyl Ether   | 5.23 | 73  | 9890  | 1.326 | ug/l   | 94  |
| 20) Methylene Chloride        | 4.72 | 84  | 4106  | 1.548 | ug/l # | 91  |
| 21) trans-1,2-Dichloroethene  | 5.21 | 96  | 3255  | 1.353 | ug/l # | 75  |
| 22) Diisopropyl ether         | 6.13 | 45  | 10196 | 1.487 | ug/l # | 89  |
| 23) Vinyl Acetate             | 6.07 | 43  | 42593 | 6.667 | ug/l   | 96  |
| 24) 1,1-Dichloroethane        | 6.01 | 63  | 2832  | 0.726 | ug/l # | 87  |
| 25) 2-Butanone                | 7.00 | 43  | 21685 | 7.037 | ug/l   | 90  |
| 26) 2,2-Dichloropropane       | 6.99 | 77  | 5739  | 1.491 | ug/l   | 89  |
| 27) cis-1,2-Dichloroethene    | 7.00 | 96  | 3901  | 1.361 | ug/l   | 96  |
| 28) Bromochloromethane        | 7.35 | 49  | 1702  | 1.529 | ug/l # | 91  |
| 29) Tetrahydrofuran           | 7.37 | 42  | 16125 | 7.549 | ug/l   | 90  |
| 30) Chloroform                | 7.52 | 83  | 6371  | 1.448 | ug/l   | 99  |
| 31) Cyclohexane               | 7.80 | 56  | 10474 | 2.282 | ug/l # | 36  |
| 32) 1,1,1-Trichloroethane     | 7.72 | 97  | 4856  | 1.257 | ug/l # | 47  |
| 36) 1,1-Dichloropropene       | 7.93 | 75  | 4581  | 1.290 | ug/l   | 94  |
| 37) Ethyl Acetate             | 7.09 | 43  | 8031  | 1.442 | ug/l # | 92  |
| 38) Carbon Tetrachloride      | 7.91 | 117 | 4059  | 1.063 | ug/l   | 92  |

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MSVOA\_Y  
ClientSampleId :  
VSTDIC001

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Quant Title : SW846 8260  
QLast Update : Tue Oct 08 14:14:03 2019  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| -----                          |       |      |          |        |        |          |
| 39) Methylcyclohexane          | 9.19  | 83   | 5282     | 1.118  | ug/l   | 88       |
| 40) Benzene                    | 8.17  | 78   | 12550    | 1.180  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.36  | 41   | 12004    | 1.727  | ug/l # | 1        |
| 42) 1,2-Dichloroethane         | 8.25  | 62   | 3823     | 1.106  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.28  | 43   | 8940     | 1.239  | ug/l   | 96       |
| 44) Trichloroethene            | 8.94  | 130  | 3578     | 1.048  | ug/l   | 78       |
| 45) 1,2-Dichloropropane        | 9.23  | 63   | 2948     | 1.137  | ug/l   | 99       |
| 46) Dibromomethane             | 9.31  | 93   | 2278     | 1.182  | ug/l # | 85       |
| 47) Bromodichloromethane       | 9.50  | 83   | 4213     | 1.152  | ug/l # | 80       |
| 48) Methyl methacrylate        | 9.30  | 41   | 4305     | 1.389  | ug/l   | 87       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 2202     | 22.674 | ug/l # | 62       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 33390    | 6.259  | ug/l   | 93       |
| 52) Toluene                    | 10.25 | 92   | 8433     | 1.211  | ug/l   | 85       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 4244     | 1.033  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 5369     | 1.221  | ug/l # | 71       |
| 55) 1,1,2-Trichloroethane      | 10.65 | 97   | 3041     | 1.064  | ug/l   | 94       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 5112     | 1.176  | ug/l # | 85       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 5493     | 1.210  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.79  | 63   | 8800     | 3.559  | ug/l   | 94       |
| 59) 2-Hexanone                 | 10.83 | 43   | 27282    | 6.015  | ug/l   | 95       |
| 60) Dibromochloromethane       | 10.99 | 129  | 3311     | 1.038  | ug/l   | 94       |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 3252     | 1.050  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.72 | 164  | 3801     | 1.120  | ug/l   | 95       |
| 65) Chlorobenzene              | 11.52 | 112  | 9253     | 1.244  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 2870     | 1.029  | ug/l # | 61       |
| 67) Ethyl Benzene              | 11.59 | 91   | 14518    | 1.130  | ug/l # | 88       |
| 68) m/p-Xylenes                | 11.70 | 106  | 10932    | 2.159  | ug/l   | 92       |
| 69) o-Xylene                   | 12.03 | 106  | 5355     | 1.074  | ug/l   | 87       |
| 70) Styrene                    | 12.04 | 104  | 9176     | 1.112  | ug/l   | 98       |
| 71) Bromoform                  | 12.20 | 173  | 2083     | 0.847  | ug/l # | 93       |
| 73) Isopropylbenzene           | 12.33 | 105  | 14087    | 1.182  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.14 | 43   | 5049     | 1.094  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 4582     | 1.209  | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 6958     | 1.351  | ug/l # | 100      |
| 77) Bromobenzene               | 12.61 | 156  | 3599     | 1.151  | ug/l   | 83       |
| 78) n-propylbenzene            | 12.67 | 91   | 15672    | 1.155  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.75 | 91   | 9933     | 1.294  | ug/l   | 89       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 11423    | 1.140  | ug/l   | 89       |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 1849     | 1.193  | ug/l # | 83       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 8883     | 1.132  | ug/l   | 93       |
| 83) tert-Butylbenzene          | 13.07 | 119  | 10778    | 1.190  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 11402    | 1.147  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.25 | 105  | 13865    | 1.130  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 11551    | 1.036  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 5493     | 0.954  | ug/l   | 82       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 5493     | 0.947  | ug/l   | 82       |
| 89) n-Butylbenzene             | 13.69 | 91   | 10454    | 1.068  | ug/l   | 97       |
| 90) Hexachloroethane           | 13.95 | 117  | 2157     | 1.028  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.73 | 146  | 6596     | 1.179  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 1212     | 0.981  | ug/l   | 92       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY100819\  
Quantitation Report (Not Reviewed)

Data File : VY000218.D  
Acq On : 08 Oct 2019 12:37  
Operator : SY/MD  
Sample : VSTDICC001  
Misc : 5.0ml/MSVOA\_Y/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC001

Quant Time: Oct 08 14:23:20 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y100819W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 08 14:14:03 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180  | 4477     | 1.113 | ug/l  | 89       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 2183     | 1.015 | ug/l  | 93       |
| 95) Naphthalene            | 15.23 | 128  | 15002    | 1.103 | ug/l  | 97       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 3887     | 0.968 | ug/l  | 97       |

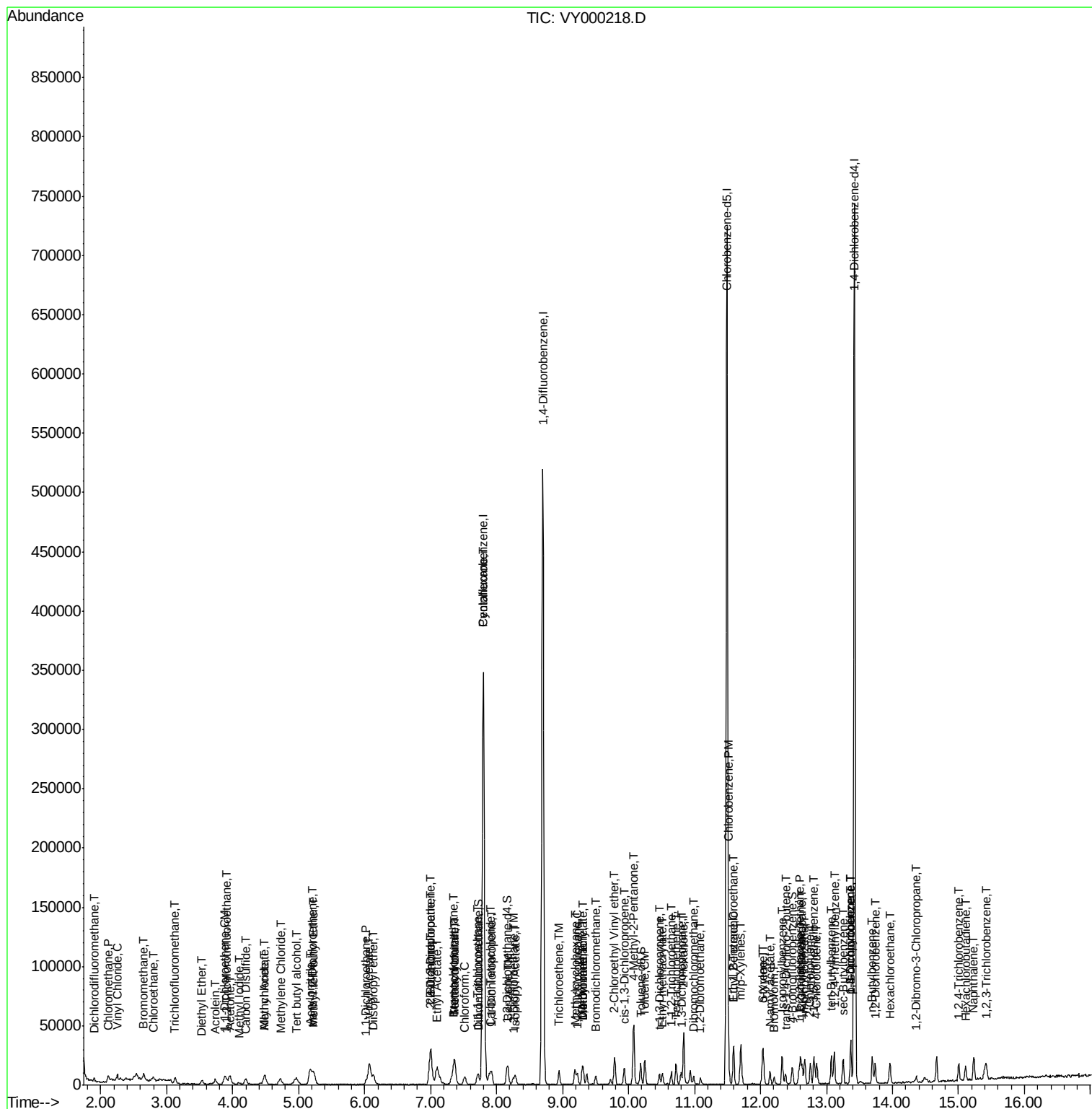
(#) = qualifier out of range (m) = manual integration (+) = signals summed

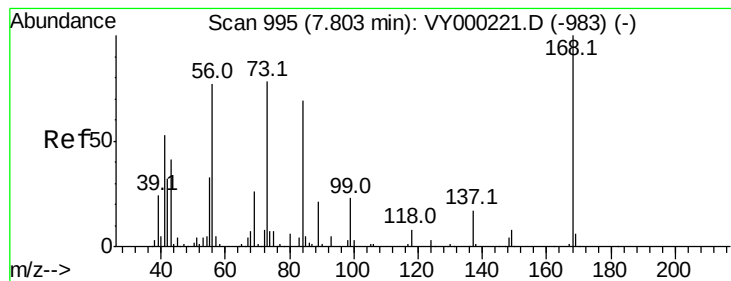
Data File : VY000218.D

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Acq On       : 08 Oct 2019   12:37
Operator    : SY/MD
Sample      : VSTDICC001
Misc       : 5.0ml/MSVOA_Y/WATER
ALS Vial    : 3      Sample Multiplier: 1
```

**Instrument :**  
MSVOA\_Y  
**ClientSampleId :**  
VSTDICC001

Quant Time: Oct 08 14:23:20 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y100819W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 08 14:14:03 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

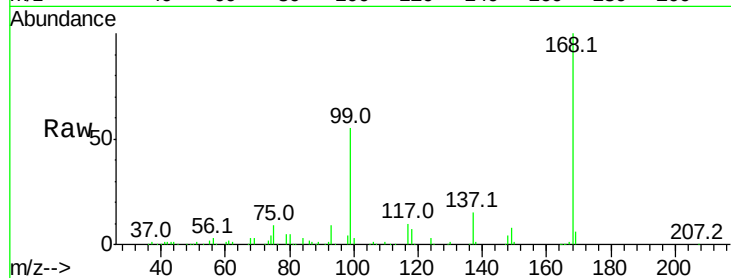
VSTDIC001

Tgt Ion:168 Resp: 270628

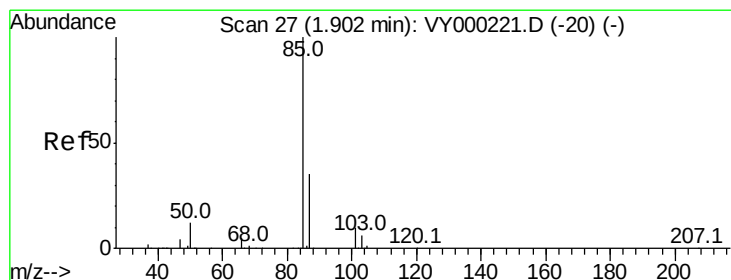
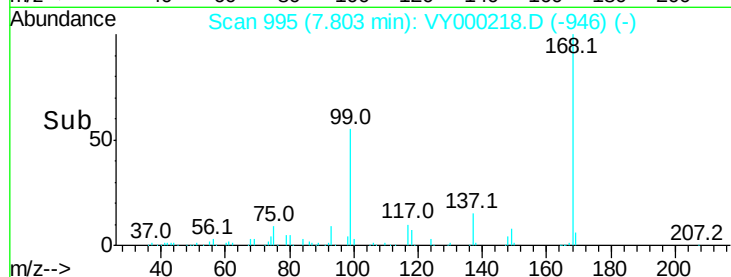
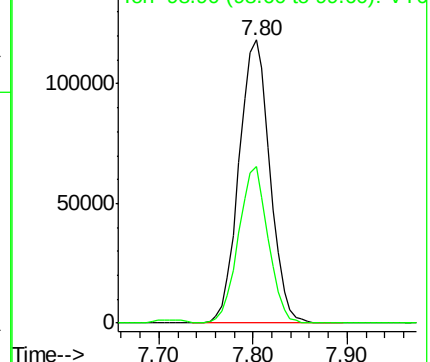
Ion Ratio Lower Upper

168 100

99 55.4 37.8 56.6



Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 1.225 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000218.D

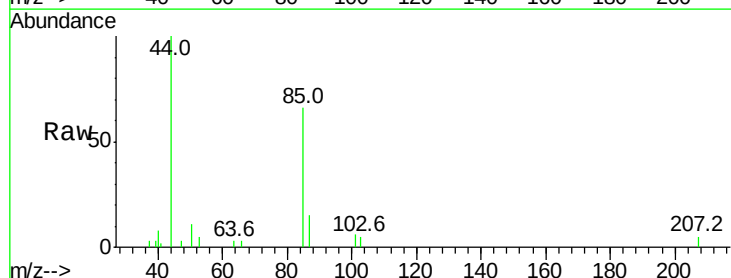
Acq: 08 Oct 2019 12:37

Tgt Ion: 85 Resp: 2524

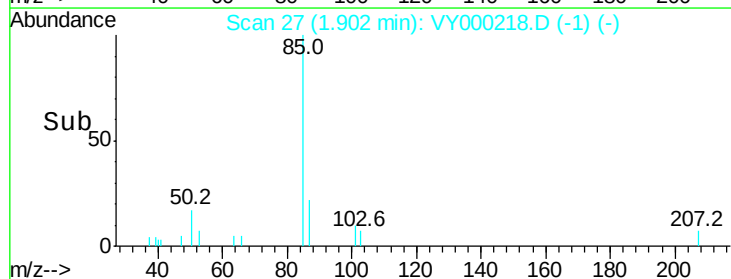
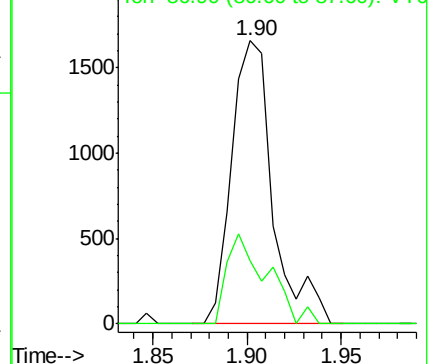
Ion Ratio Lower Upper

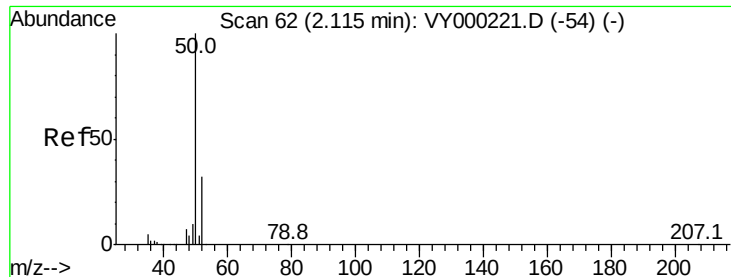
85 100

87 22.1 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VY000221.D (-20) (-)





#3

Chloromethane

Concen: 1.579 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

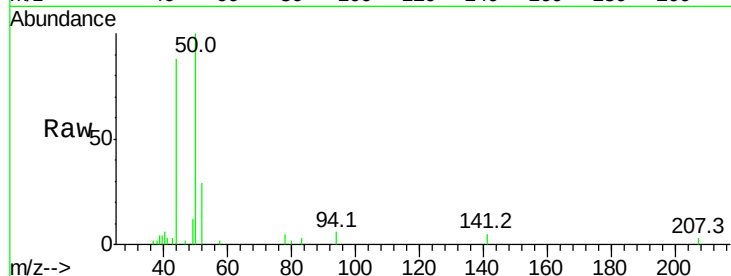
VSTDIC001

Tgt Ion: 50 Resp: 3954

Ion Ratio Lower Upper

50 100

52 29.0 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

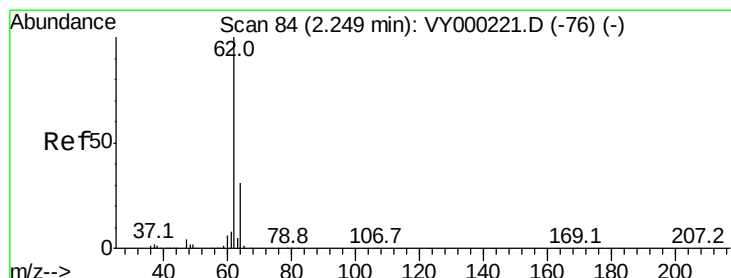
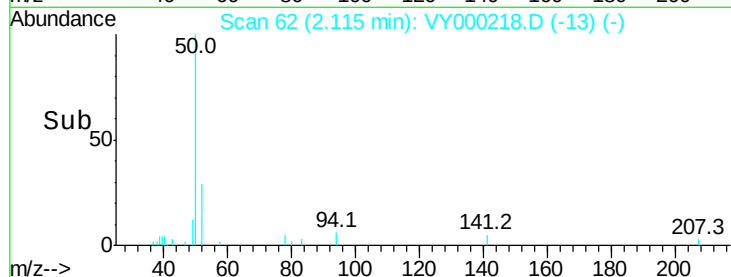
3000

2000

1000

0

Time--> 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 1.352 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000218.D

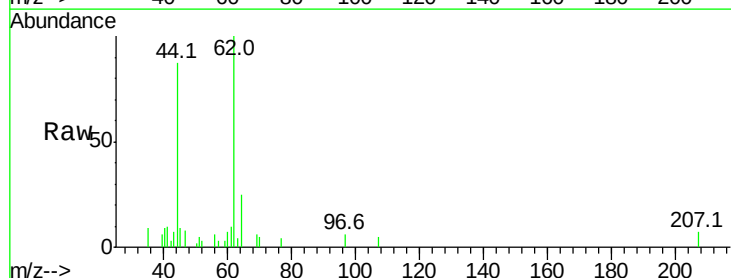
Acq: 08 Oct 2019 12:37

Tgt Ion: 62 Resp: 3675

Ion Ratio Lower Upper

62 100

64 25.3 25.9 38.9#



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

2500

2000

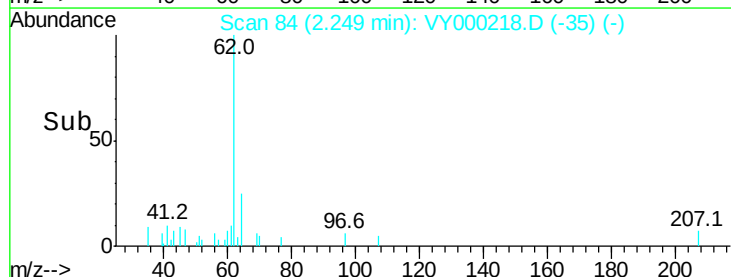
1500

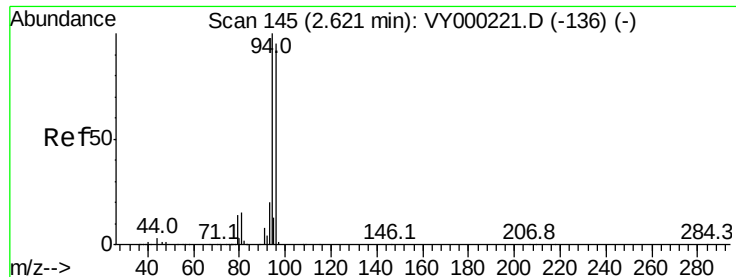
1000

500

0

Time--> 2.20 2.25 2.30





#5

Bromomethane

Concen: 1.387 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

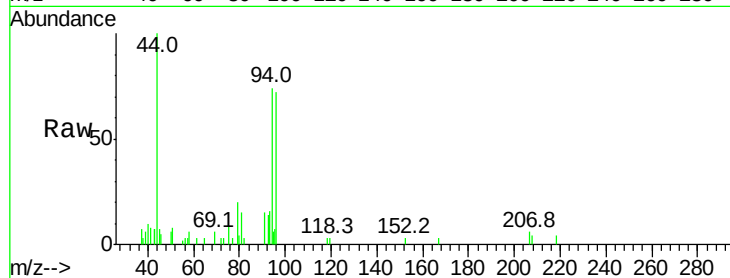
VSTDIC001

Tgt Ion: 94 Resp: 3034

Ion Ratio Lower Upper

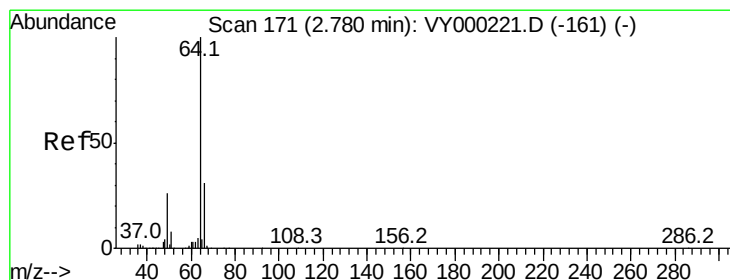
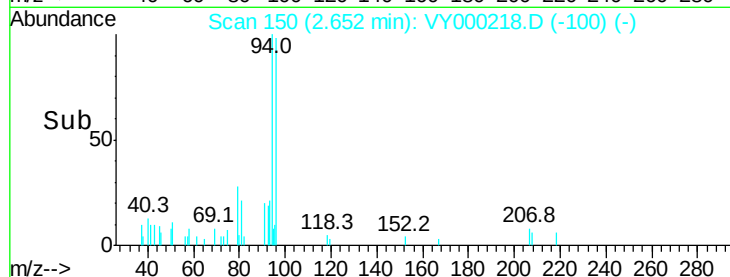
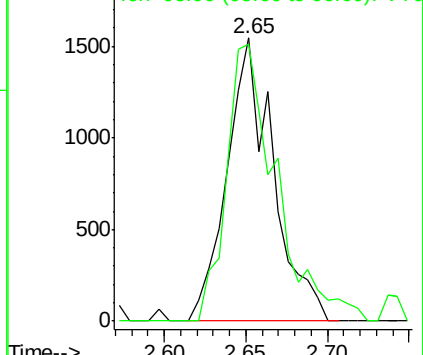
94 100

96 98.0 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 1.212 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000218.D

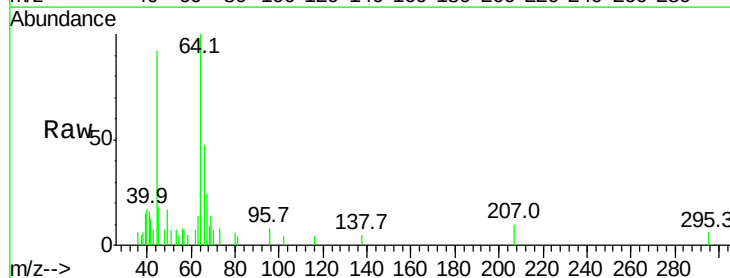
Acq: 08 Oct 2019 12:37

Tgt Ion: 64 Resp: 2117

Ion Ratio Lower Upper

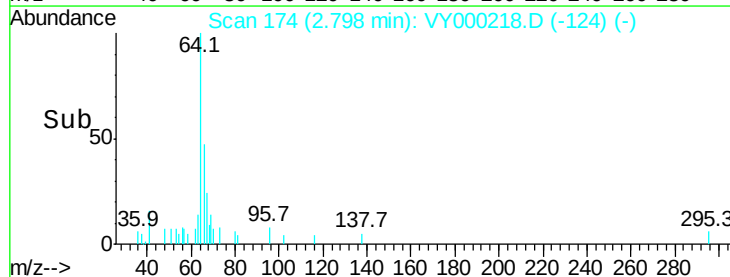
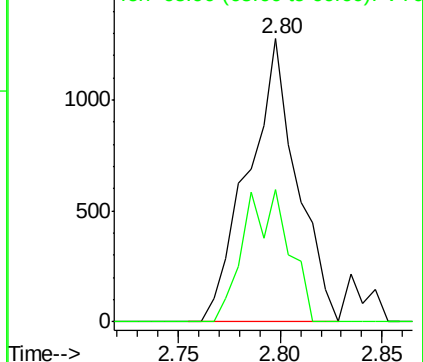
64 100

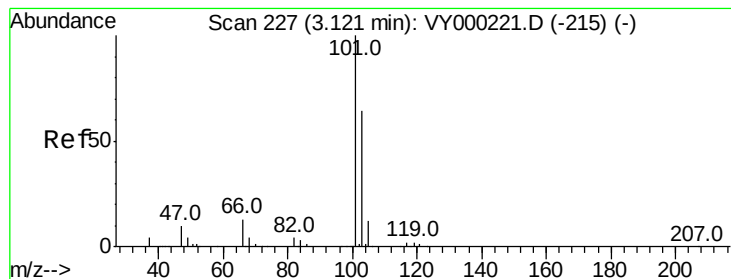
66 46.7 28.6 42.8#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



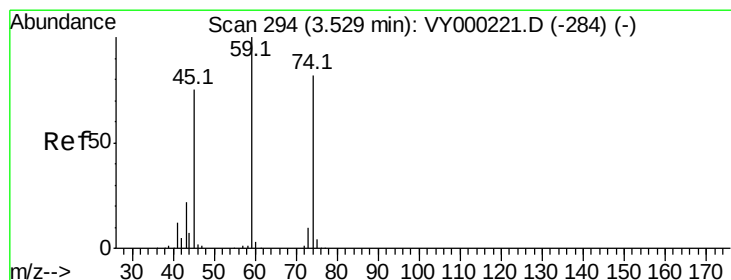
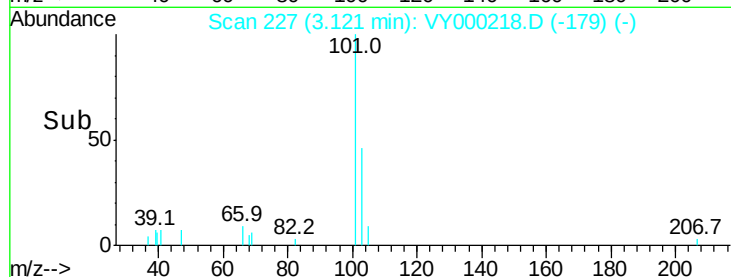
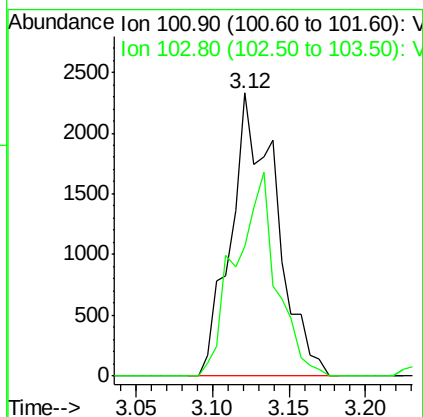
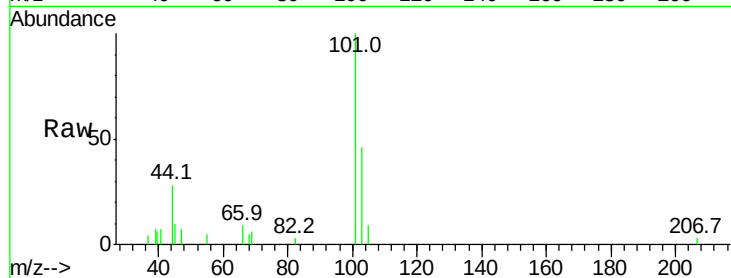


#7

Trichlorofluoromethane  
 Concen: 1.263 ug/l  
 RT: 3.12 min Scan# 227  
 Delta R.T. -0.01 min  
 Lab File: VY000218.D  
 Acq: 08 Oct 2019 12:37

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC001

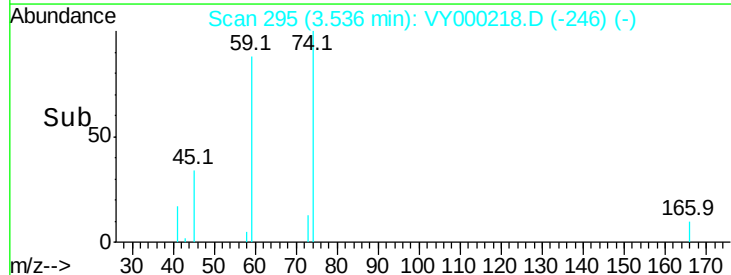
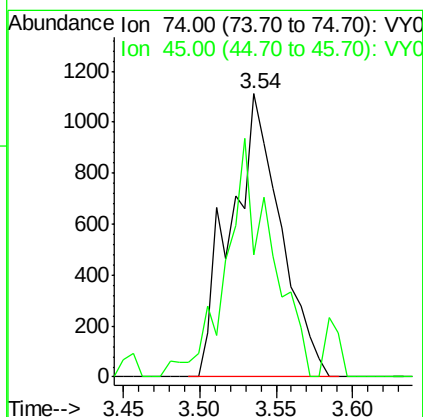
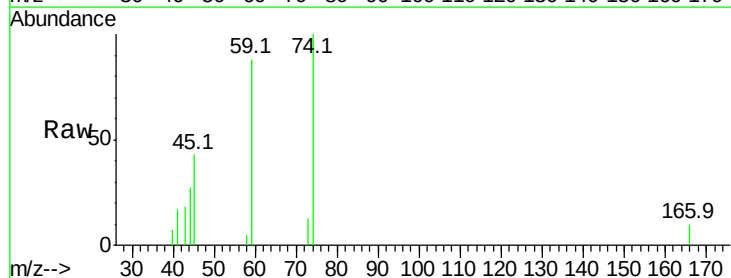
Tgt Ion: 101 Resp: 4841  
 Ion Ratio Lower Upper  
 101 100  
 103 45.9 48.3 72.5#



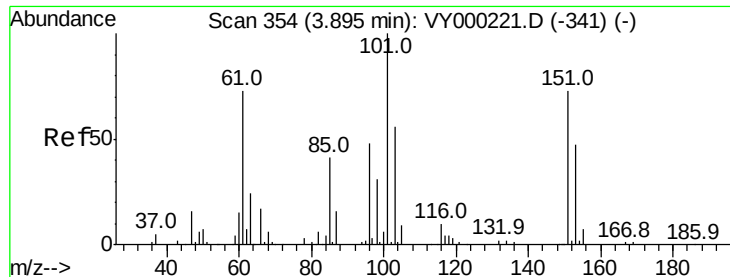
#8

Diethyl Ether  
 Concen: 1.694 ug/l  
 RT: 3.54 min Scan# 295  
 Delta R.T. -0.00 min  
 Lab File: VY000218.D  
 Acq: 08 Oct 2019 12:37

Tgt Ion: 74 Resp: 2521  
 Ion Ratio Lower Upper  
 74 100  
 45 75.6 40.6 121.8







#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.233 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC001

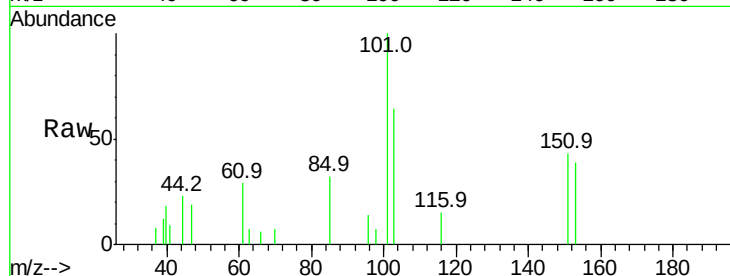
Tgt Ion:101 Resp: 2782

Ion Ratio Lower Upper

101 100

85 38.9 34.6 52.0

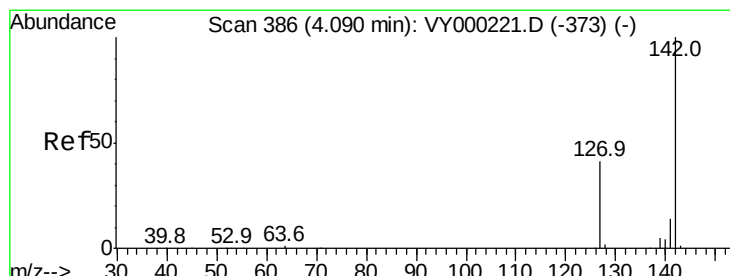
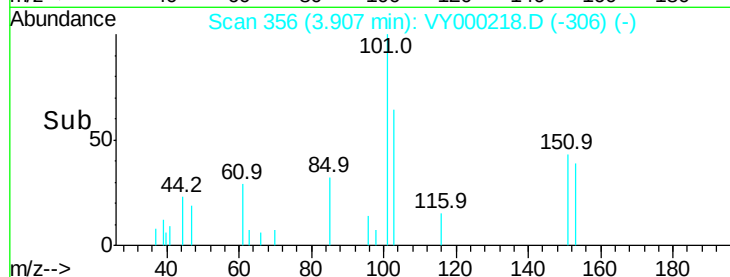
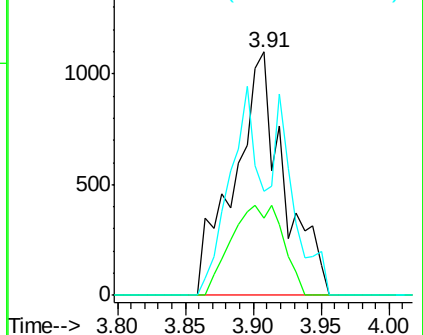
151 50.6 69.2 103.8#



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: 0.844 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

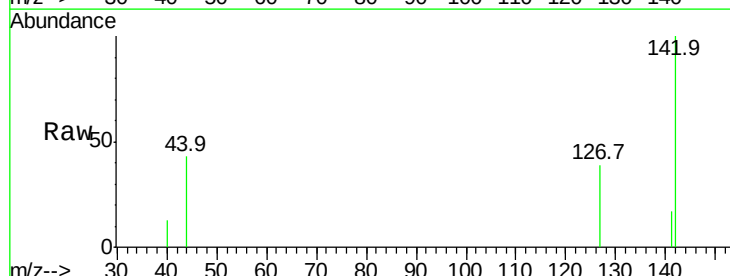
Tgt Ion:142 Resp: 2558

Ion Ratio Lower Upper

142 100

127 39.9 30.8 46.2

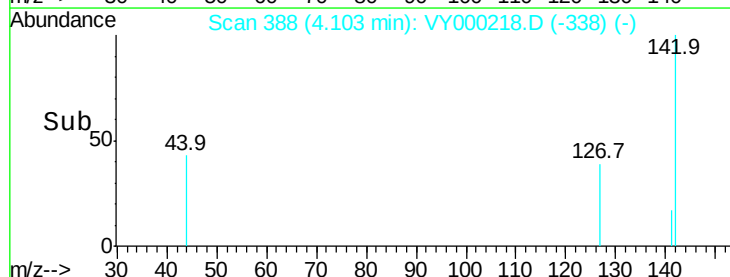
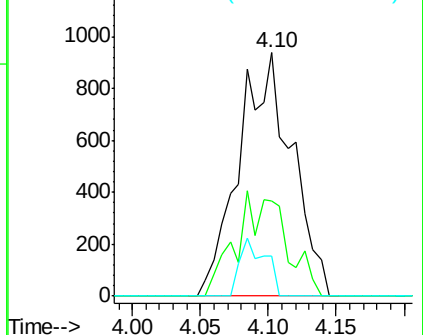
141 11.5 11.2 16.8

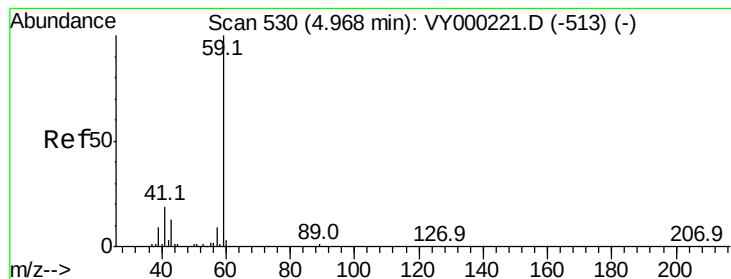


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



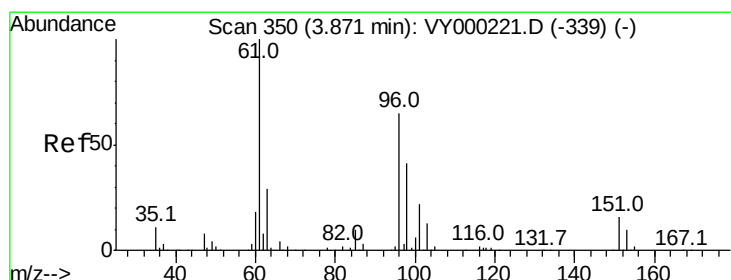
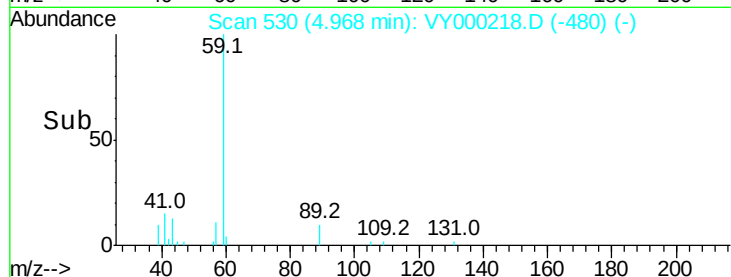
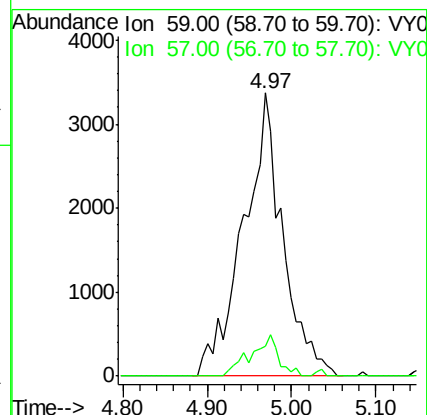
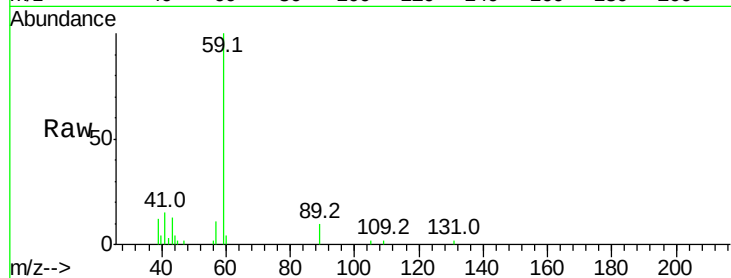


#11

Tert butyl alcohol  
 Concen: 8.233 ug/l  
 RT: 4.97 min Scan# 530  
 Delta R.T. 0.01 min  
 Lab File: VY000218.D  
 Acq: 08 Oct 2019 12:37

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC001

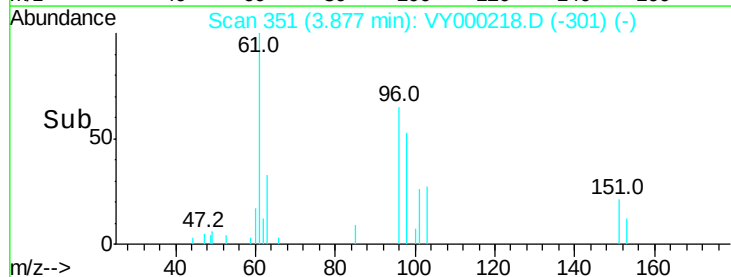
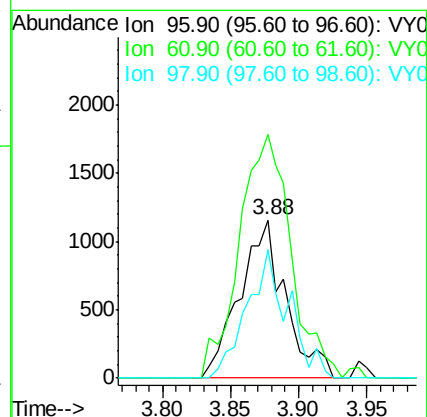
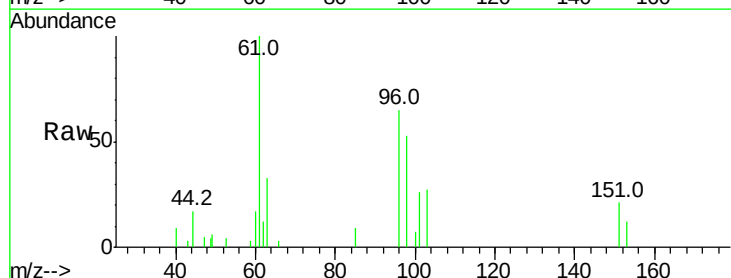
Tgt Ion: 59 Resp: 10746  
 Ion Ratio Lower Upper  
 59 100  
 57 10.2 7.8 11.6

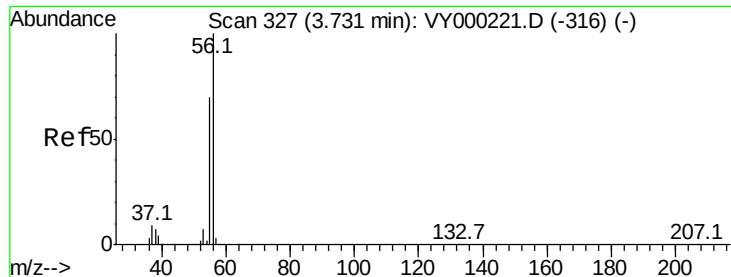


#12

1,1-Dichloroethene  
 Concen: 1.169 ug/l  
 RT: 3.88 min Scan# 351  
 Delta R.T. 0.01 min  
 Lab File: VY000218.D  
 Acq: 08 Oct 2019 12:37

Tgt Ion: 96 Resp: 2704  
 Ion Ratio Lower Upper  
 96 100  
 61 153.9 105.1 157.7  
 98 81.3 46.9 70.3#





#13

Acrolein

Concen: 9.215 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

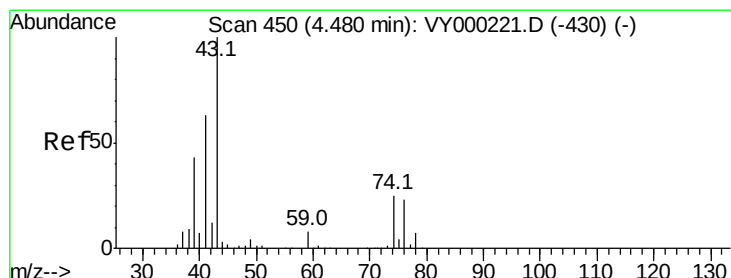
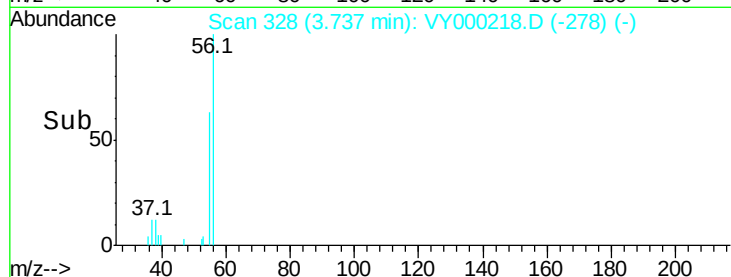
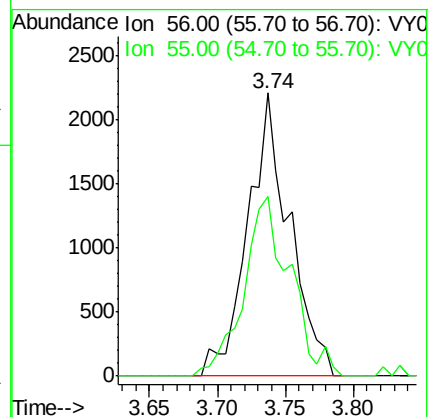
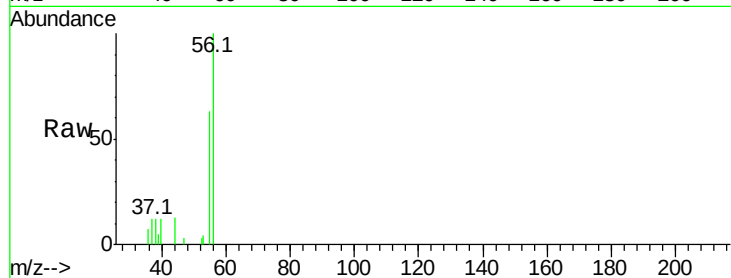
VSTDIC001

Tgt Ion: 56 Resp: 4723

Ion Ratio Lower Upper

56 100

55 70.5 56.3 84.5



#14

Allyl chloride

Concen: 1.400 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

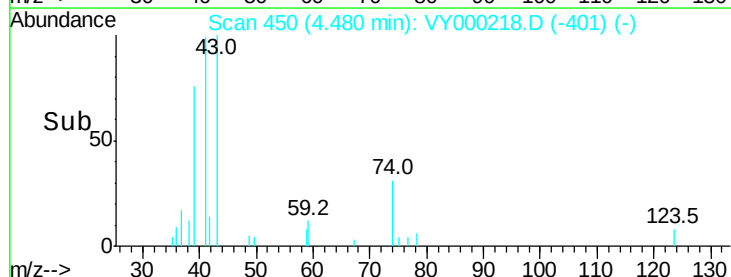
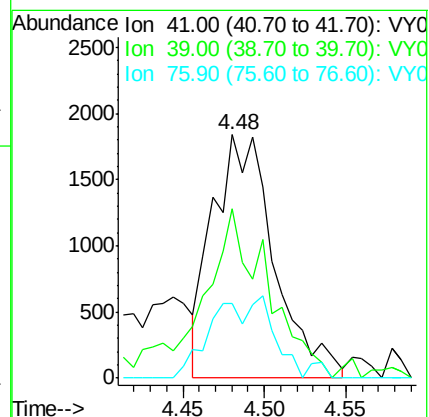
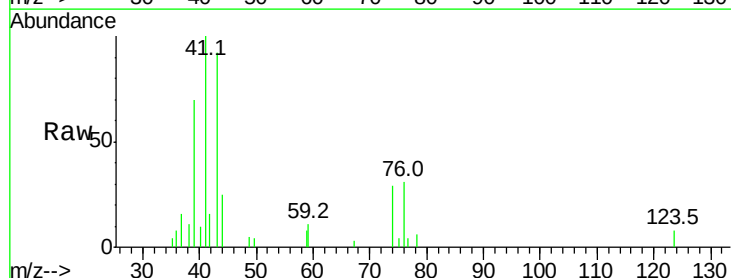
Tgt Ion: 41 Resp: 4825

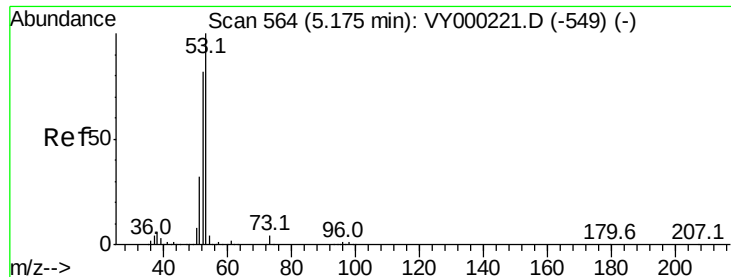
Ion Ratio Lower Upper

41 100

39 76.4 62.2 93.2

76 19.0 36.5 54.7#





#15

Acrylonitrile

Concen: 7.208 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC001

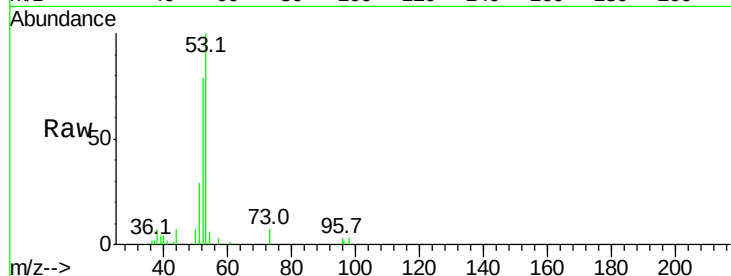
Tgt Ion: 53 Resp: 15443

Ion Ratio Lower Upper

53 100

52 83.1 64.6 97.0

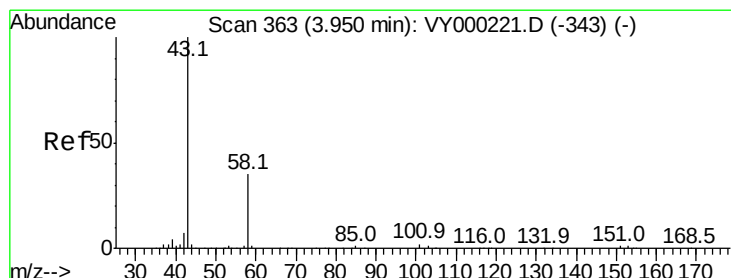
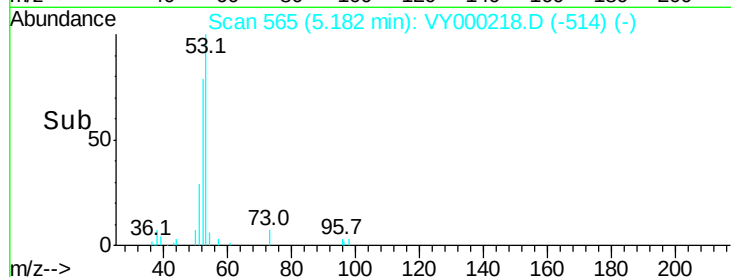
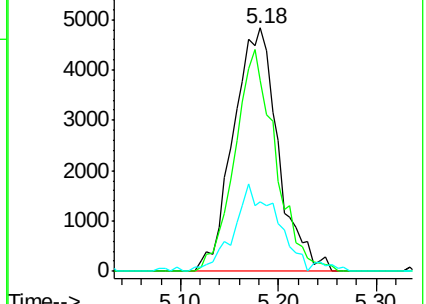
51 34.0 27.3 40.9



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: 7.638 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000218.D

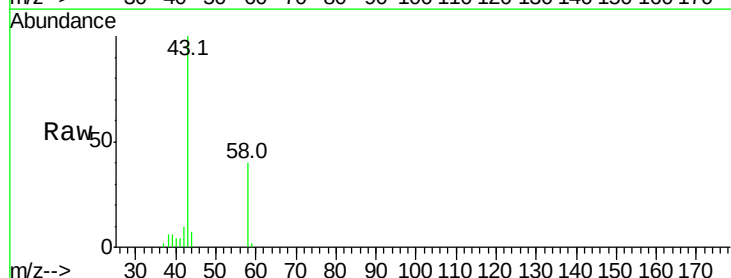
Acq: 08 Oct 2019 12:37

Tgt Ion: 43 Resp: 13067

Ion Ratio Lower Upper

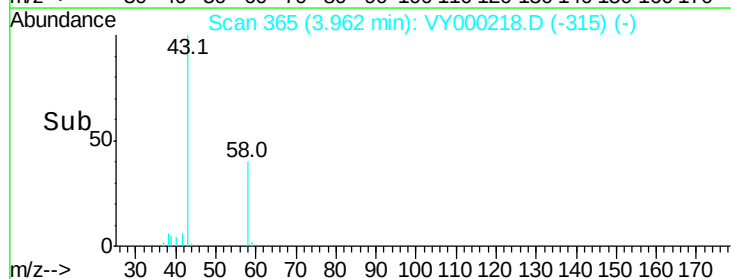
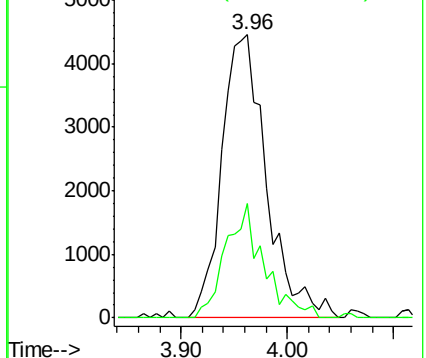
43 100

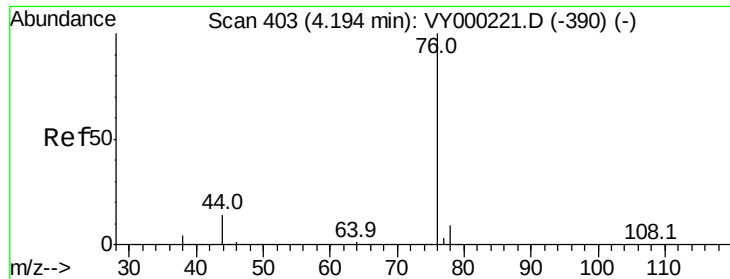
58 40.3 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 1.363 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

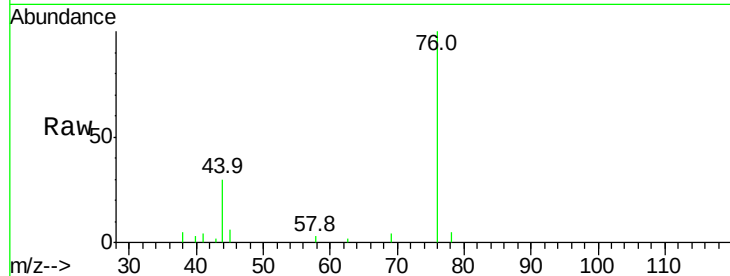
VSTDIC001

Tgt Ion: 76 Resp: 8650

Ion Ratio Lower Upper

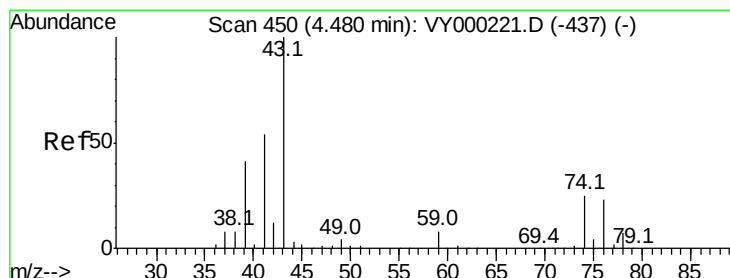
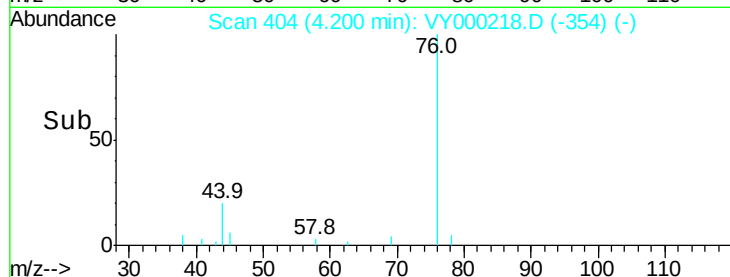
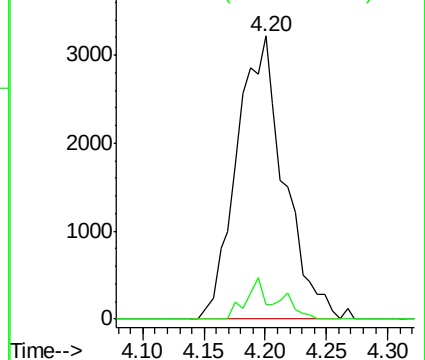
76 100

78 5.1 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 1.424 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000218.D

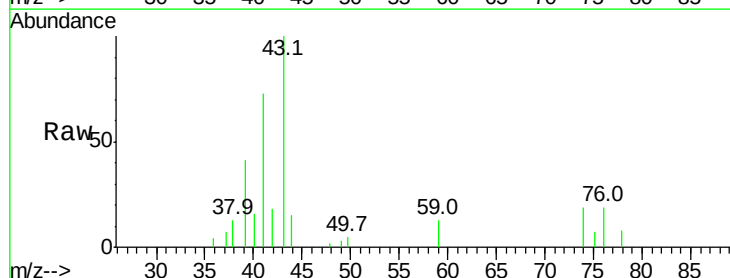
Acq: 08 Oct 2019 12:37

Tgt Ion: 43 Resp: 6661

Ion Ratio Lower Upper

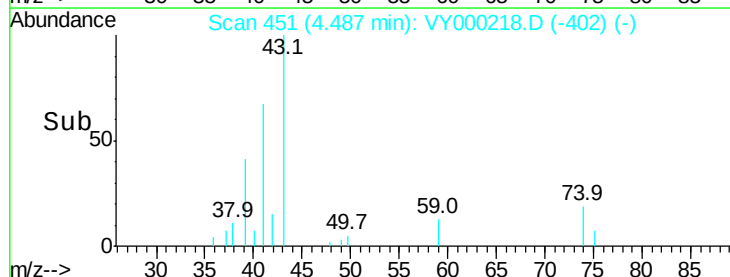
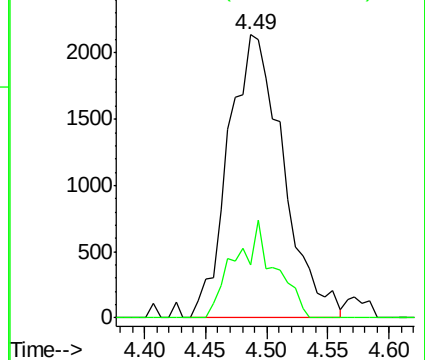
43 100

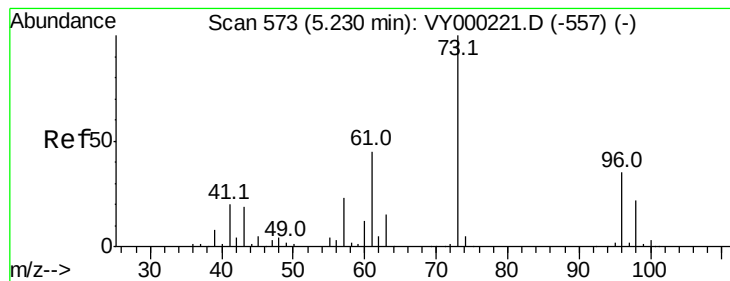
74 25.1 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#19

Methyl tert-butyl Ether

Concen: 1.326 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

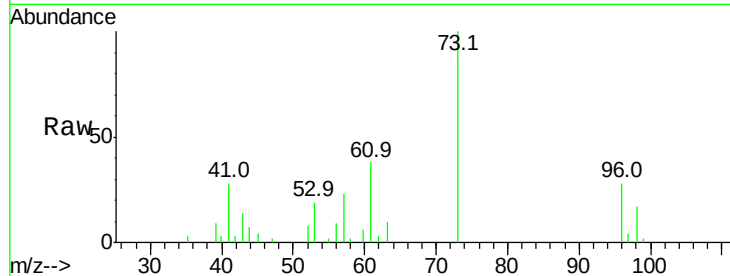
VSTDIC001

Tgt Ion: 73 Resp: 9890

Ion Ratio Lower Upper

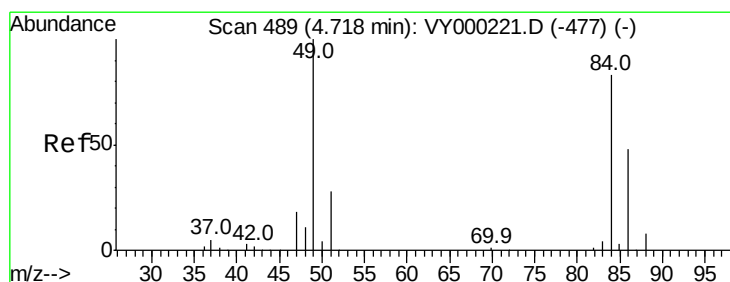
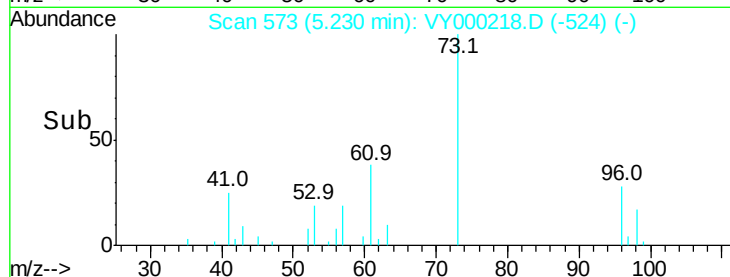
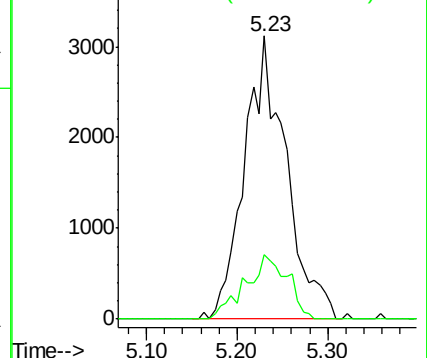
73 100

57 23.0 16.3 24.5



Abundance Ion 73.00 (72.70 to 73.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#20

Methylene Chloride

Concen: 1.548 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Tgt Ion: 84 Resp: 4106

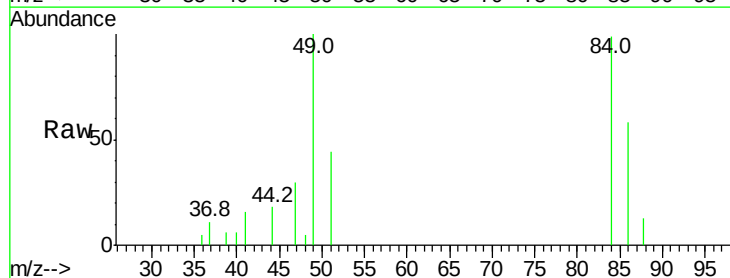
Ion Ratio Lower Upper

84 100

49 101.3 86.2 129.2

51 44.3 25.3 37.9#

86 58.6 52.0 78.0

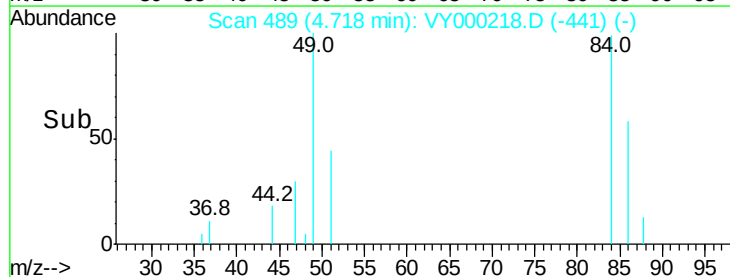
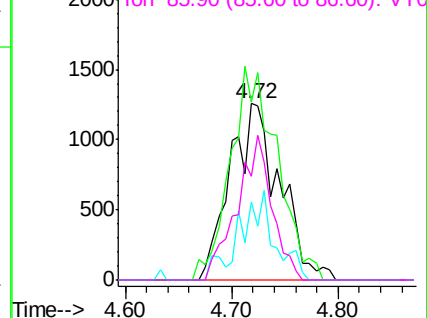


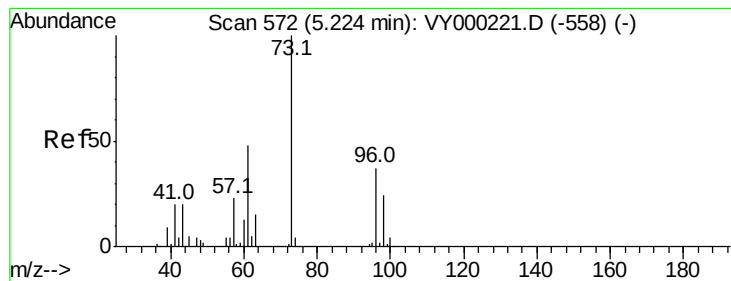
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 1.353 ug/l

RT: 5.21 min Scan# 570

Delta R.T. -0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC001

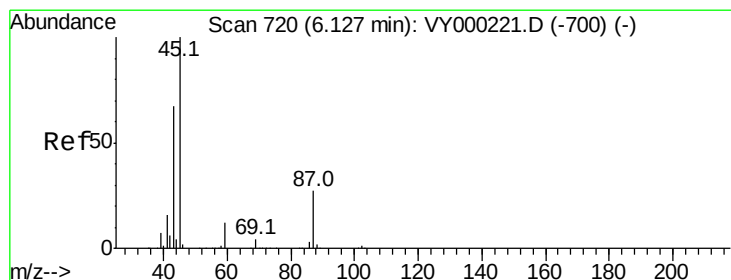
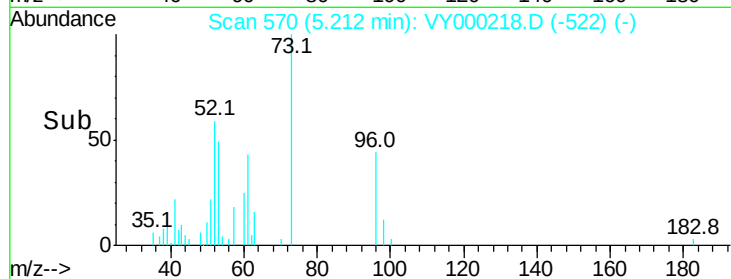
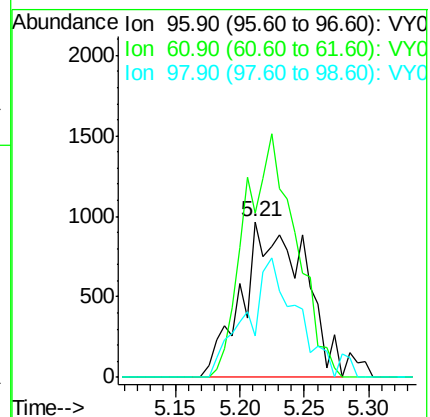
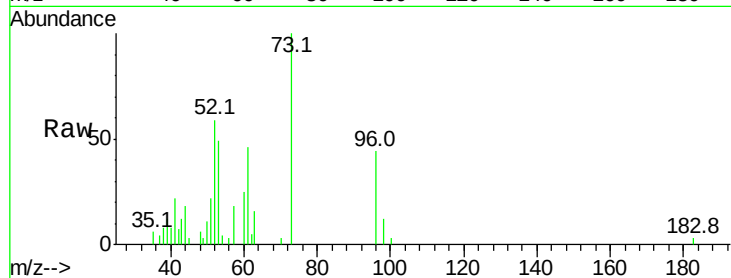
Tgt Ion: 96 Resp: 3255

Ion Ratio Lower Upper

96 100

61 105.3 96.1 144.1

98 26.6 50.3 75.5#



#22

Diisopropyl ether

Concen: 1.487 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Tgt Ion: 45 Resp: 10196

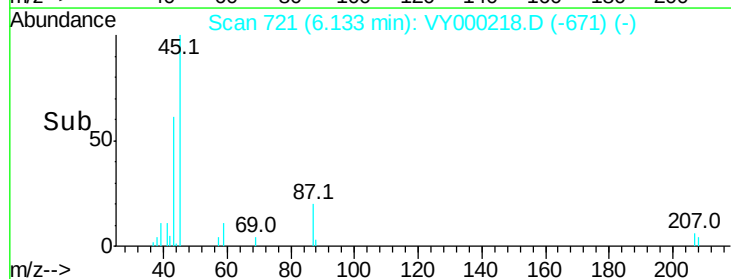
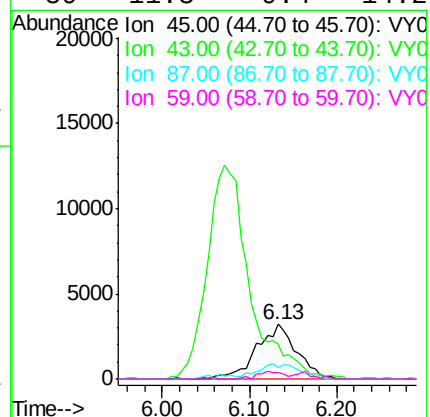
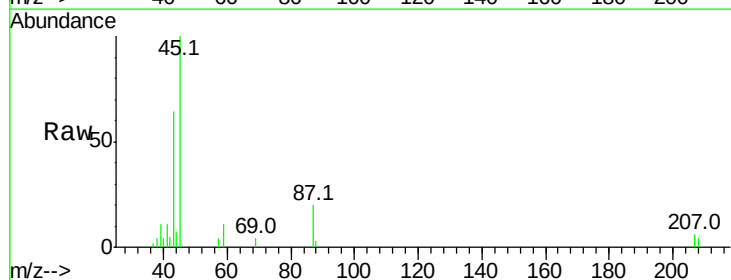
Ion Ratio Lower Upper

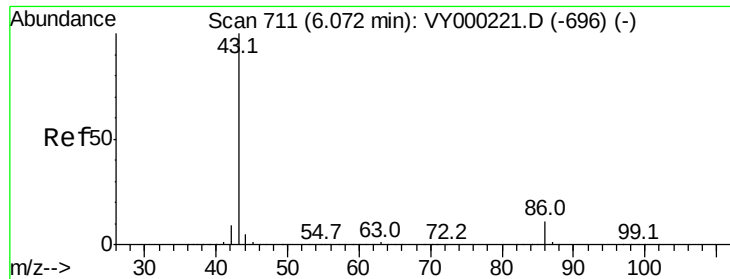
45 100

43 59.9 51.5 77.3

87 20.3 27.0 40.4#

59 11.3 9.4 14.2





#23

Vinyl Acetate

Concen: 6.667 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

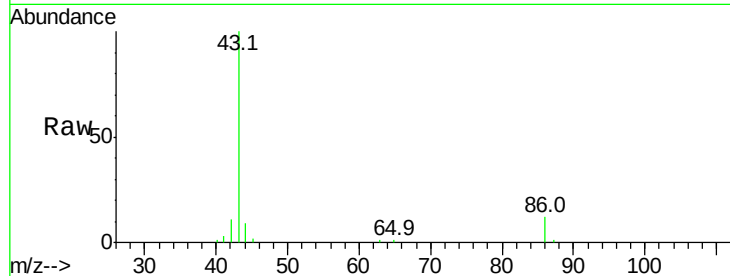
VSTDIC001

Tgt Ion: 43 Resp: 42593

Ion Ratio Lower Upper

43 100

86 11.7 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

15000

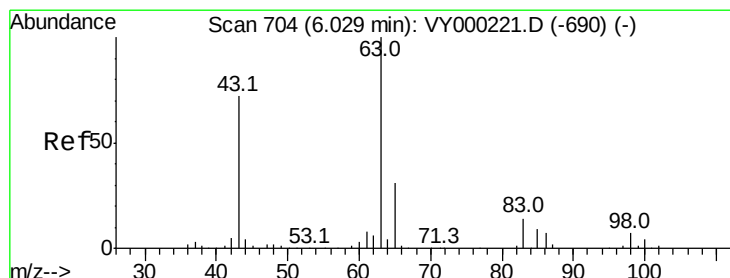
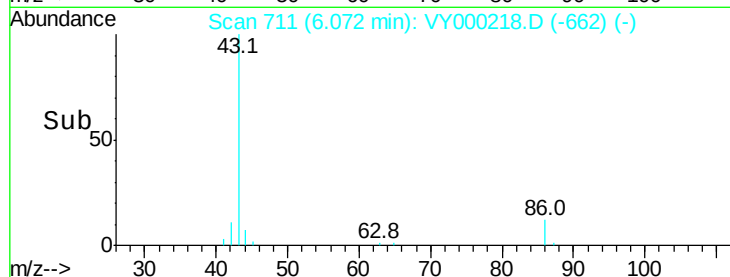
10000

5000

0

Time-->

5.90 6.00 6.10 6.20



#24

1,1-Dichloroethane

Concen: 0.726 ug/l

RT: 6.01 min Scan# 701

Delta R.T. -0.02 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

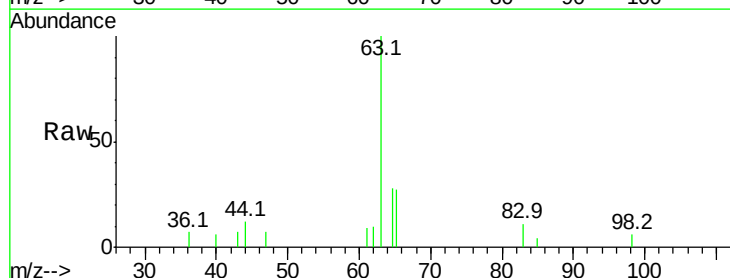
Tgt Ion: 63 Resp: 2832

Ion Ratio Lower Upper

63 100

98 6.1 4.8 14.4

100 0.0 2.9 8.8#



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

2000

1500

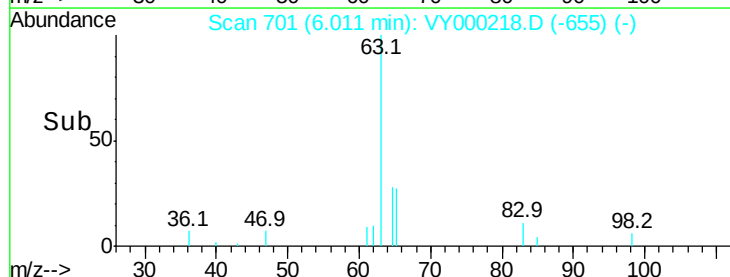
1000

500

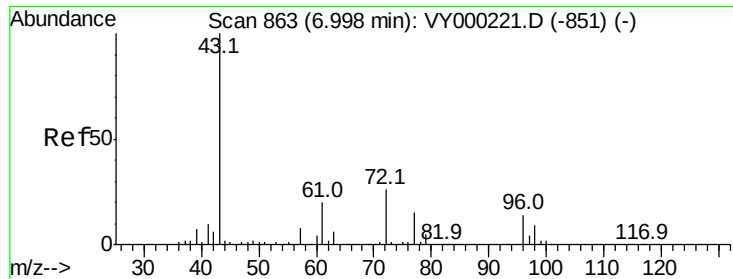
0

Time-->

5.95 6.00 6.05 6.10







#25

2-Butanone

Concen: 7.037 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

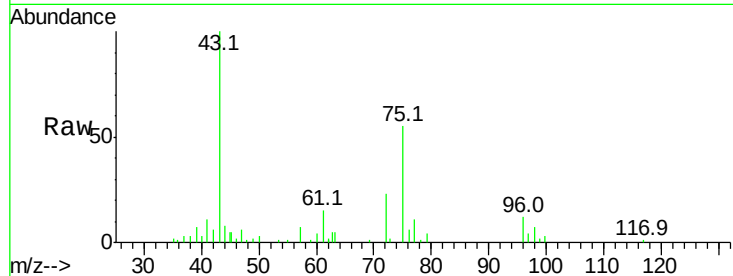
VSTDIC001

Tgt Ion: 43 Resp: 21685

Ion Ratio Lower Upper

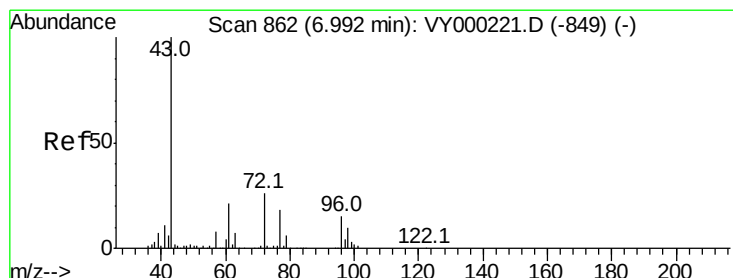
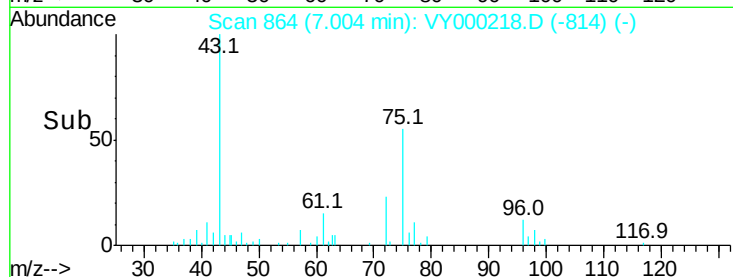
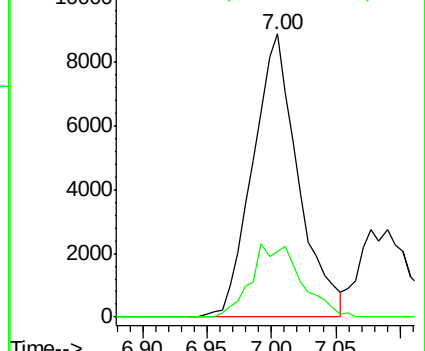
43 100

72 23.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 1.491 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000218.D

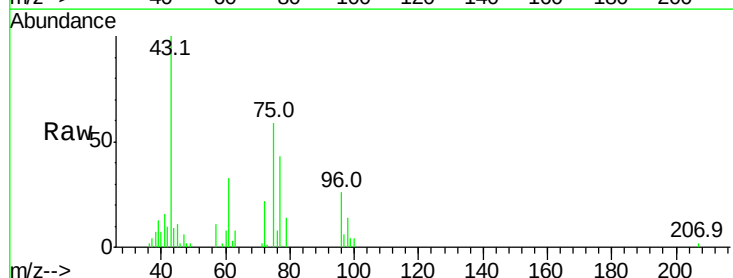
Acq: 08 Oct 2019 12:37

Tgt Ion: 77 Resp: 5739

Ion Ratio Lower Upper

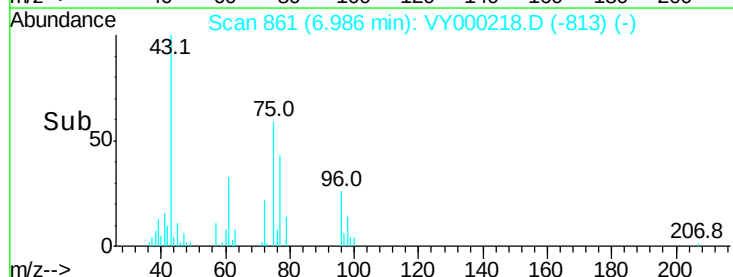
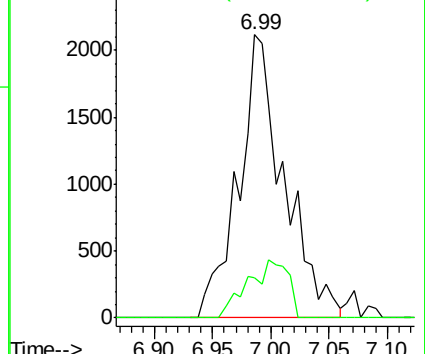
77 100

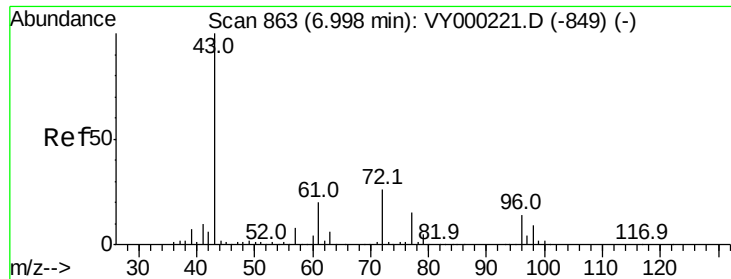
97 18.2 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



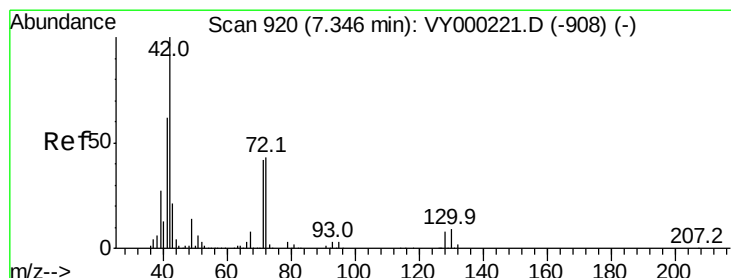
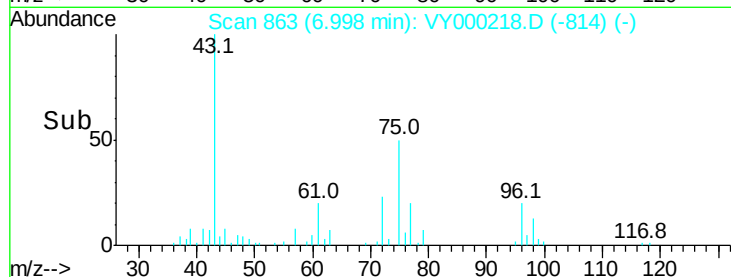
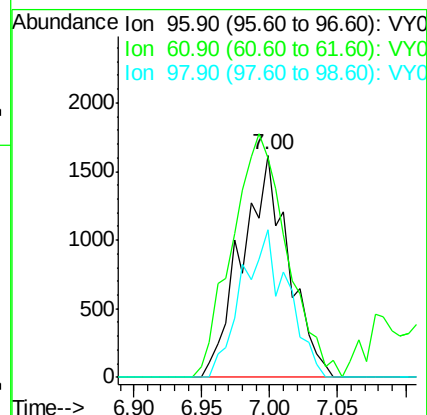
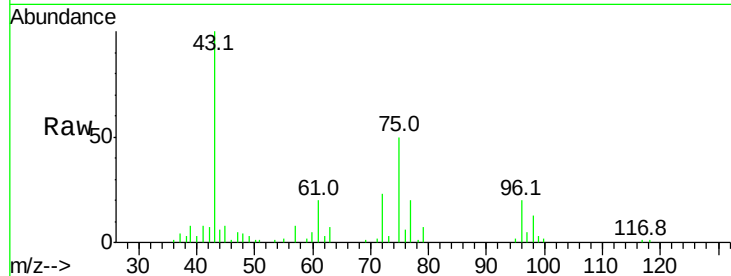


#27

cis-1,2-Dichloroethene  
Concen: 1.361 ug/l  
RT: 7.00 min Scan# 863  
Delta R.T. -0.00 min  
Lab File: VY000218.D  
Acq: 08 Oct 2019 12:37

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC001

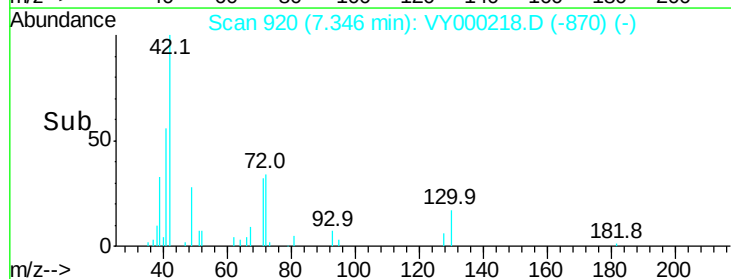
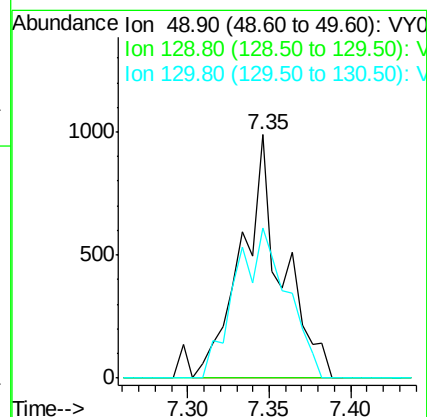
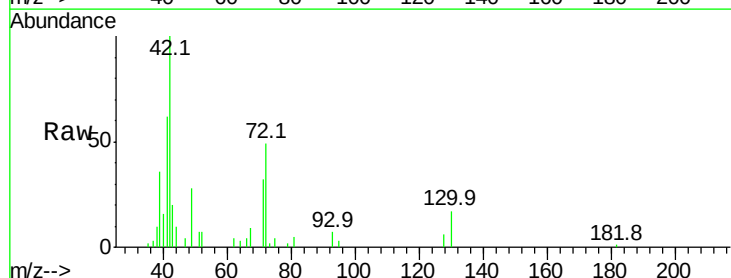
Tgt Ion: 96 Resp: 3901  
Ion Ratio Lower Upper  
96 100  
61 128.4 0.0 244.4  
98 64.8 0.0 129.6

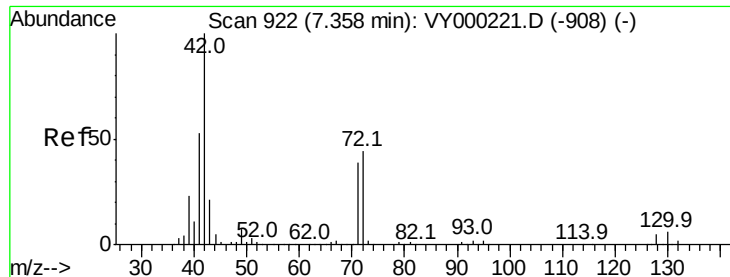


#28

Bromochloromethane  
Concen: 1.529 ug/l  
RT: 7.35 min Scan# 920  
Delta R.T. 0.01 min  
Lab File: VY000218.D  
Acq: 08 Oct 2019 12:37

Tgt Ion: 49 Resp: 1702  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 2.2  
130 79.2 70.5 105.7





#29

Tetrahydrofuran

Concen: 7.549 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC001

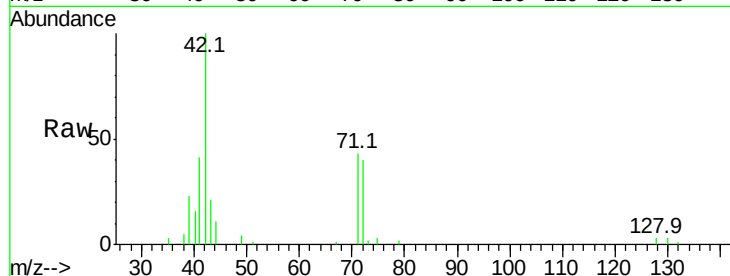
Tgt Ion: 42 Resp: 16125

Ion Ratio Lower Upper

42 100

72 43.2 40.4 60.6

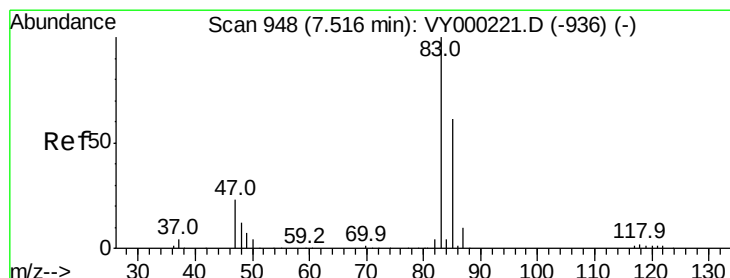
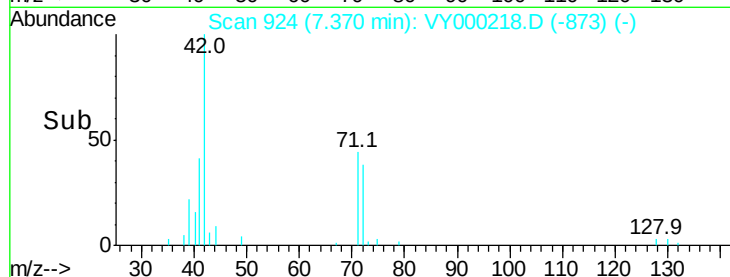
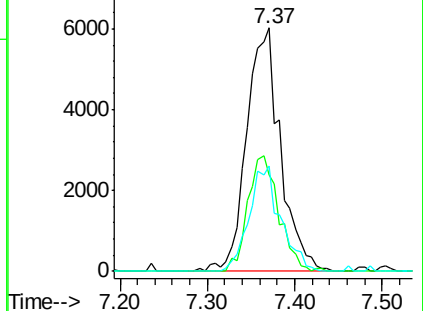
71 40.2 36.6 55.0



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: 1.448 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY000218.D

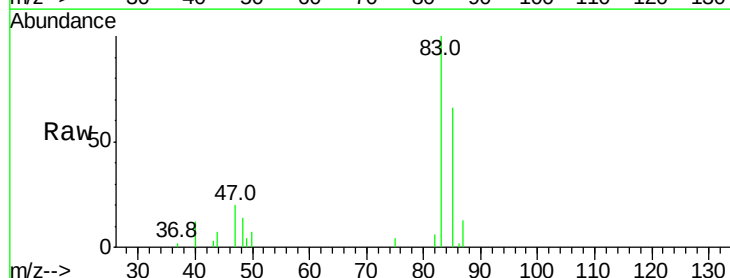
Acq: 08 Oct 2019 12:37

Tgt Ion: 83 Resp: 6371

Ion Ratio Lower Upper

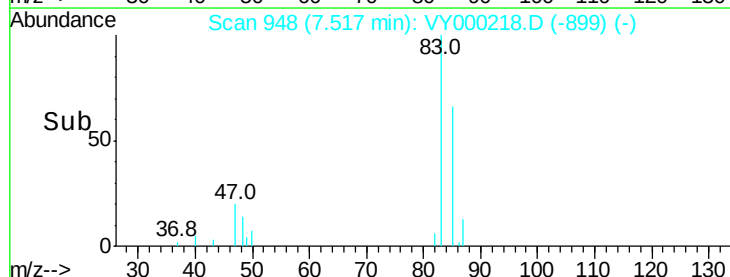
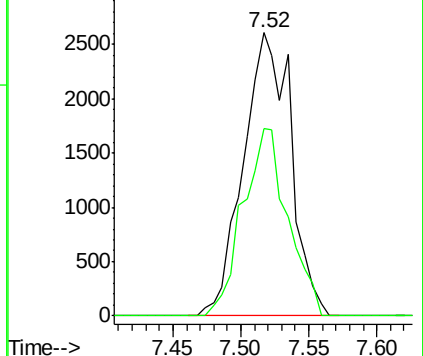
83 100

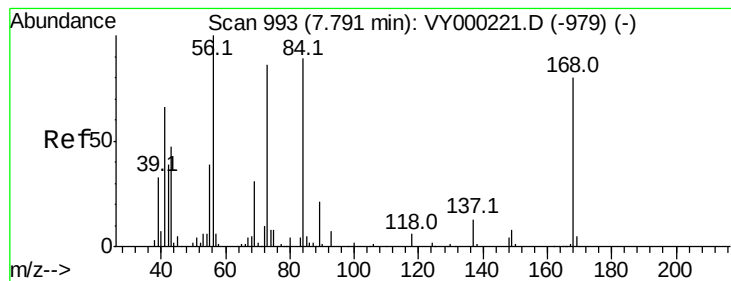
85 66.0 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 2.282 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC001

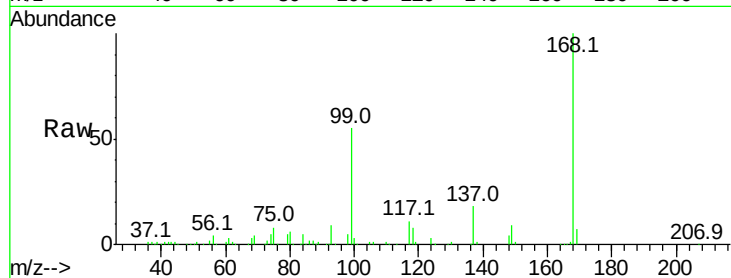
Tgt Ion: 56 Resp: 10474

Ion Ratio Lower Upper

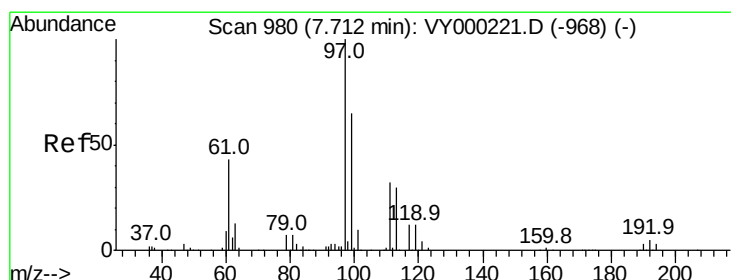
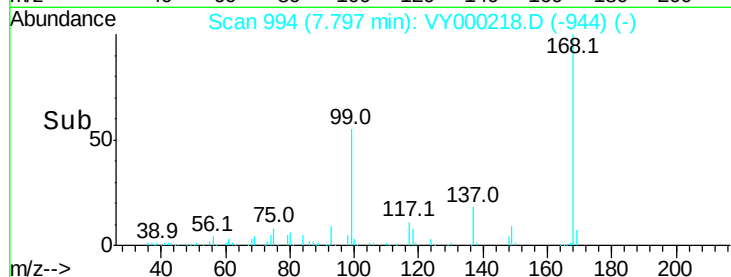
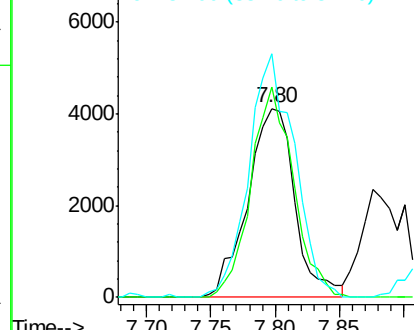
56 100

69 111.2 29.5 44.3#

84 129.0 73.4 110.0#



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: 1.257 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

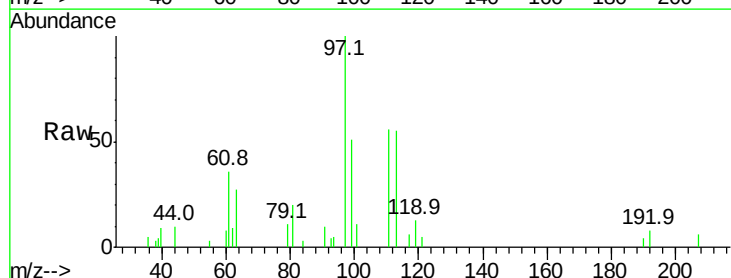
Tgt Ion: 97 Resp: 4856

Ion Ratio Lower Upper

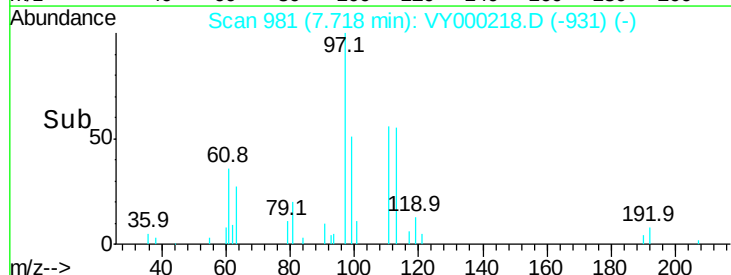
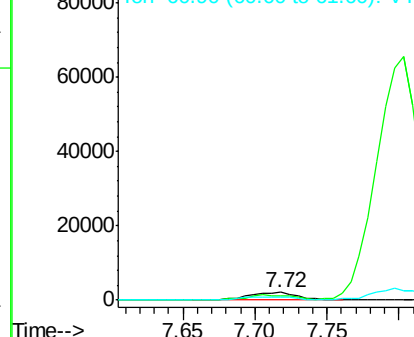
97 100

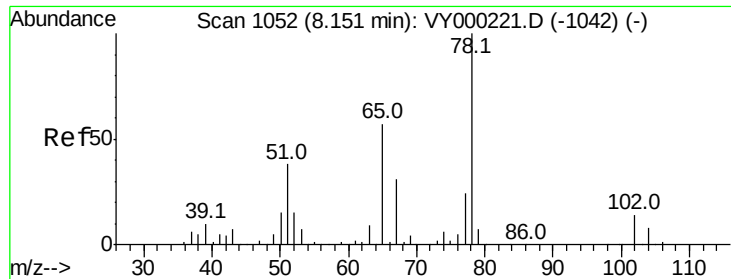
99 0.0 52.2 78.2#

61 44.0 32.5 48.7



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

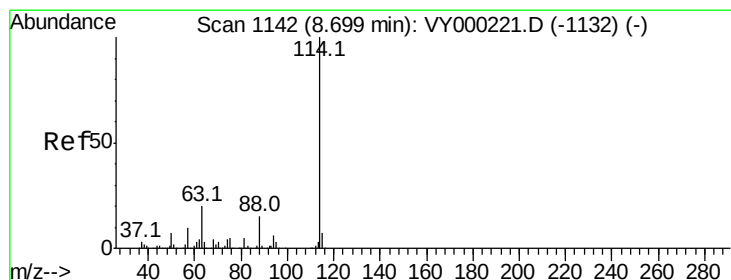
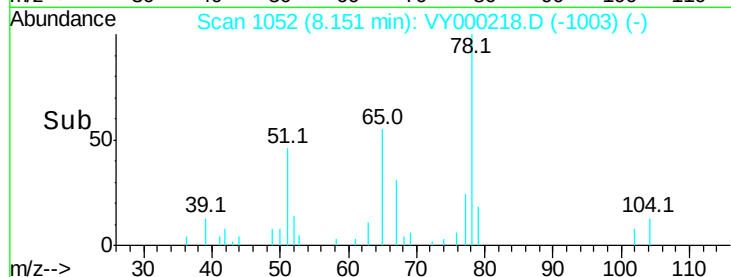
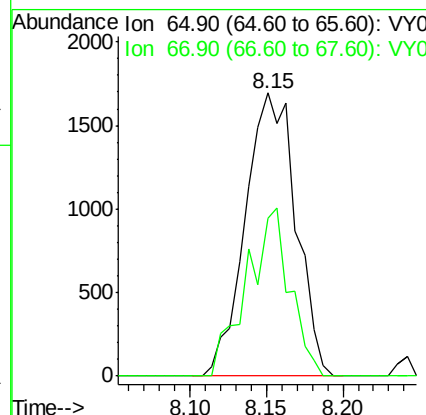
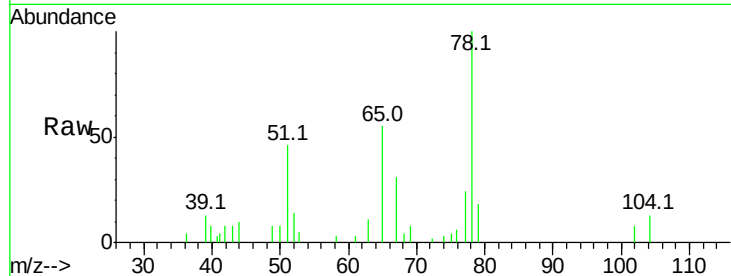




#33  
 1,2-Dichloroethane-d4  
 Concen: 1.503 ug/l  
 RT: 8.15 min Scan# 1052  
 Delta R.T. -0.00 min  
 Lab File: VY000218.D  
 Acq: 08 Oct 2019 12:37

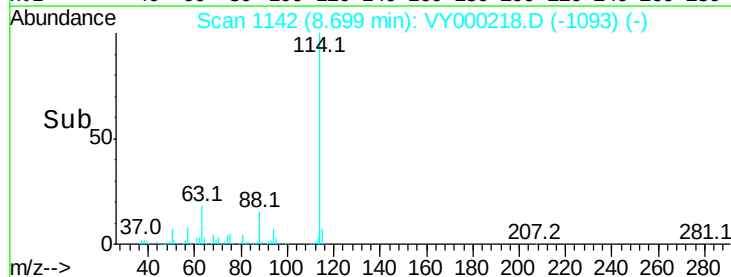
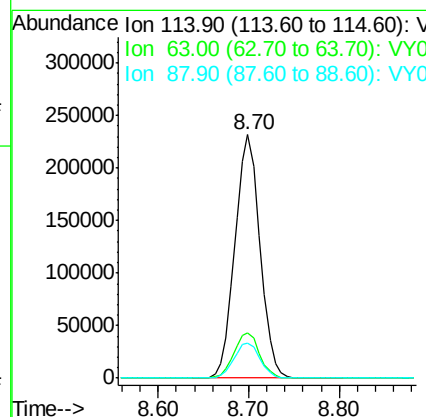
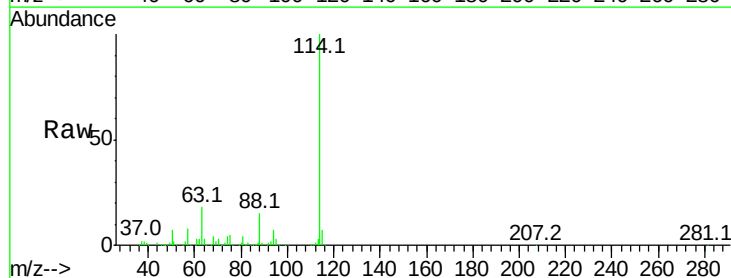
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC001

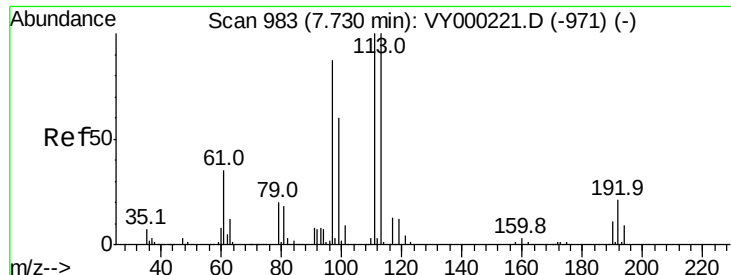
Tgt Ion: 65 Resp: 3899  
 Ion Ratio Lower Upper  
 65 100  
 67 50.9 0.0 107.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.70 min Scan# 1142  
 Delta R.T. -0.00 min  
 Lab File: VY000218.D  
 Acq: 08 Oct 2019 12:37

Tgt Ion: 114 Resp: 442784  
 Ion Ratio Lower Upper  
 114 100  
 63 18.3 0.0 33.4  
 88 14.6 0.0 30.2

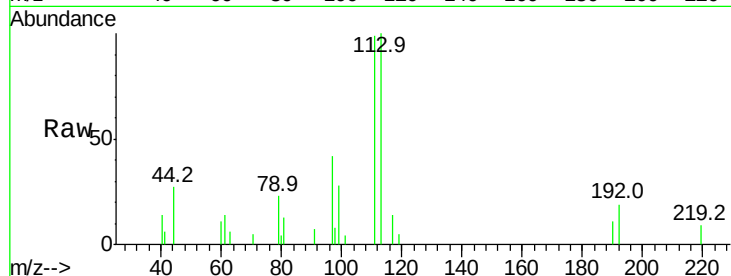




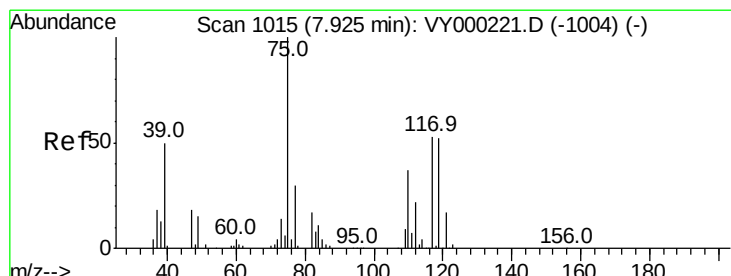
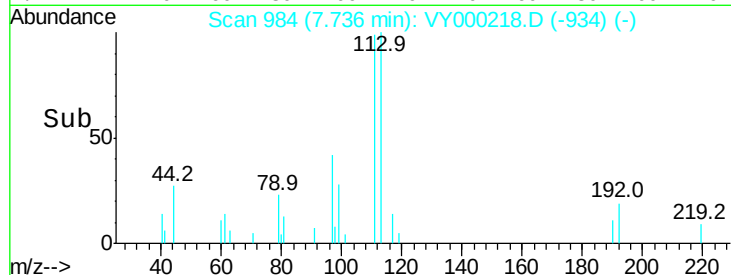
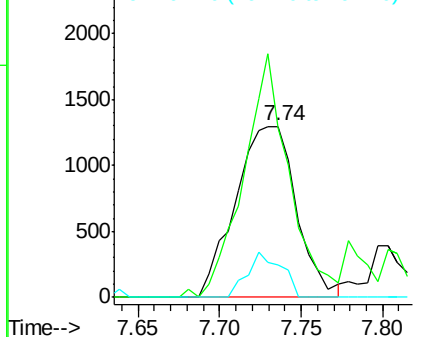
#35  
 Dibromofluoromethane  
 Concen: 1.322 ug/l  
 RT: 7.74 min Scan# 984  
 Delta R.T. 0.01 min  
 Lab File: VY000218.D  
 Acq: 08 Oct 2019 12:37

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC001

Tgt Ion: 113 Resp: 3361  
 Ion Ratio Lower Upper  
 113 100  
 111 106.8 84.0 126.0  
 192 14.8 18.6 27.8#

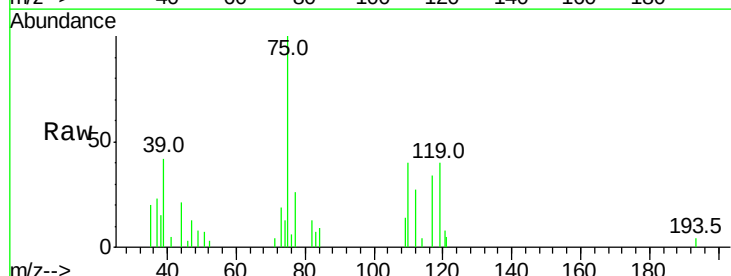


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

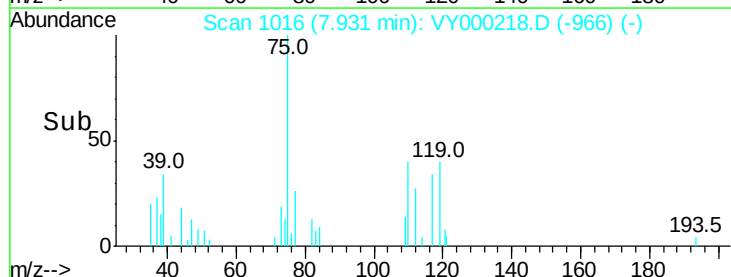
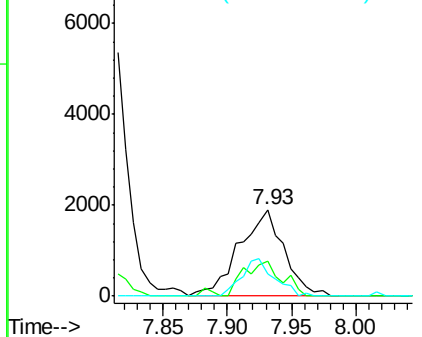


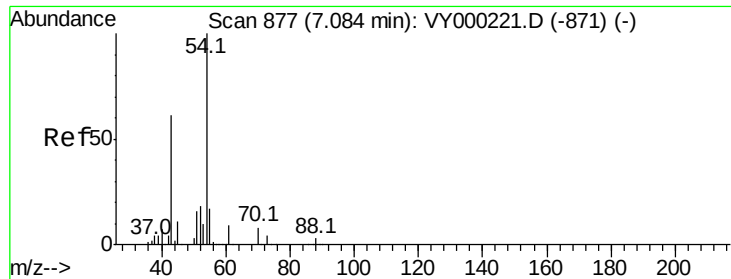
#36  
 1,1-Dichloropropene  
 Concen: 1.290 ug/l  
 RT: 7.93 min Scan# 1016  
 Delta R.T. 0.01 min  
 Lab File: VY000218.D  
 Acq: 08 Oct 2019 12:37

Tgt Ion: 75 Resp: 4581  
 Ion Ratio Lower Upper  
 75 100  
 110 34.1 20.2 60.5  
 77 31.5 25.5 38.3



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





#37

Ethyl Acetate

Concen: 1.442 ug/l

RT: 7.09 min Scan# 878

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC001

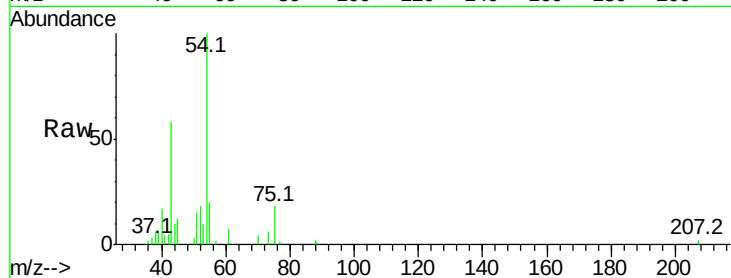
Tgt Ion: 43 Resp: 8031

Ion Ratio Lower Upper

43 100

61 15.4 11.6 17.4

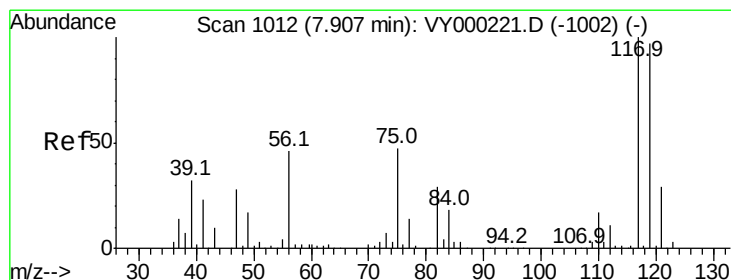
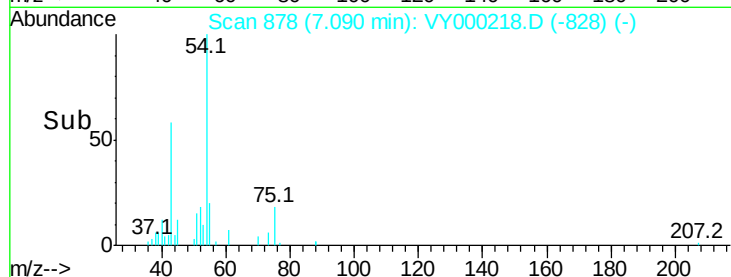
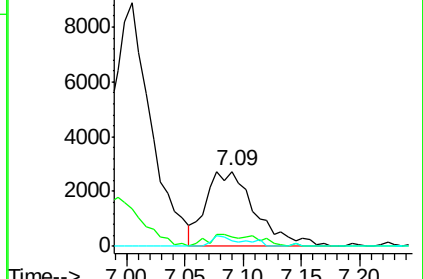
70 5.6 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VY000221.D (-871) (-)

Ion 60.90 (60.60 to 61.60): VY000221.D (-871) (-)

Ion 70.00 (69.70 to 70.70): VY000221.D (-871) (-)



#38

Carbon Tetrachloride

Concen: 1.063 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

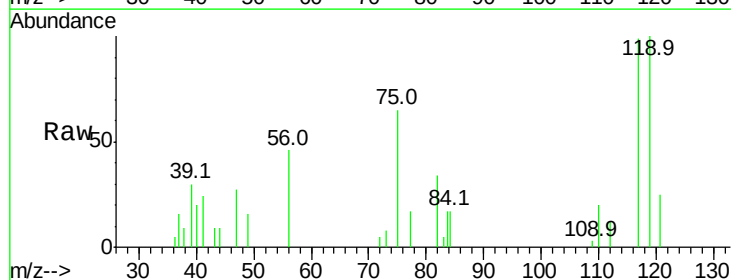
Tgt Ion: 117 Resp: 4059

Ion Ratio Lower Upper

117 100

119 100.5 74.7 112.1

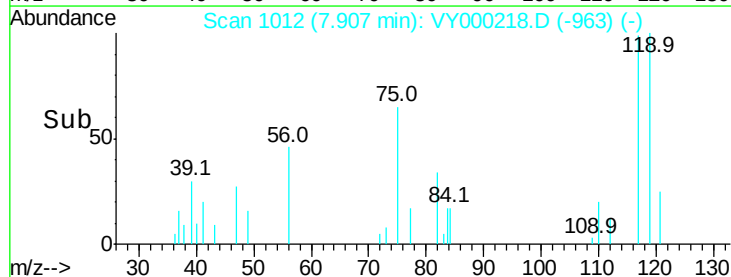
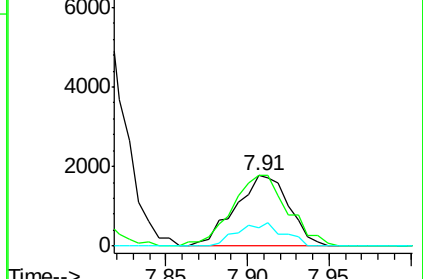
121 25.3 25.1 37.7

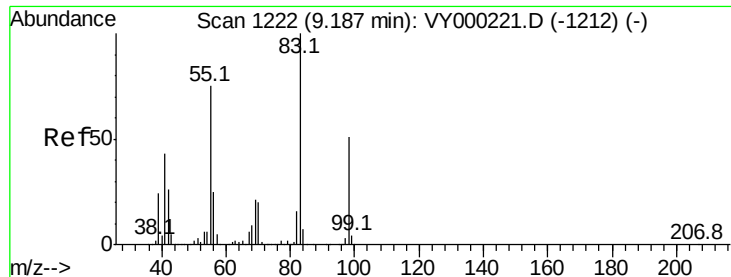


Abundance Ion 116.80 (116.50 to 117.50): VY000221.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY000221.D (-1002) (-)

Ion 120.80 (120.50 to 121.50): VY000221.D (-1002) (-)

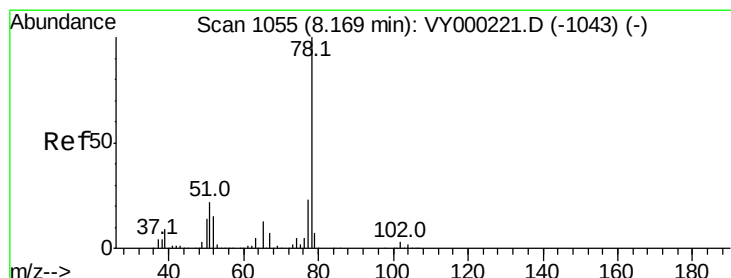
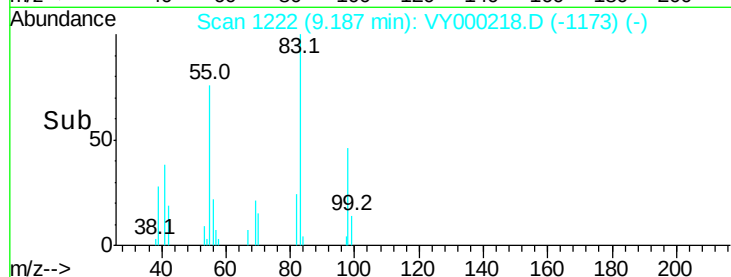
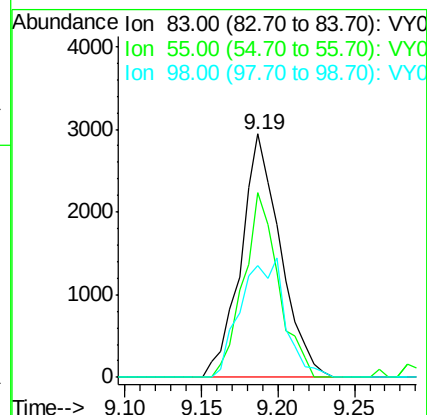
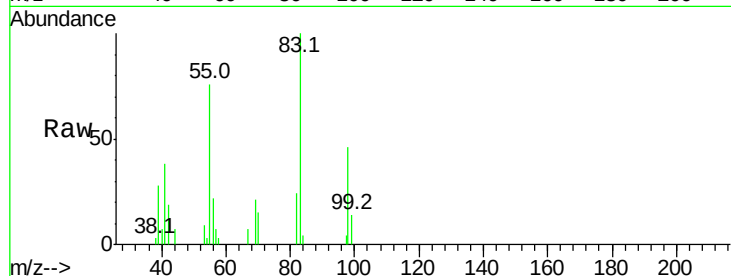




#39  
Methylcyclohexane  
Concen: 1.118 ug/l  
RT: 9.19 min Scan# 1222  
Delta R.T. -0.00 min  
Lab File: VY000218.D  
Acq: 08 Oct 2019 12:37

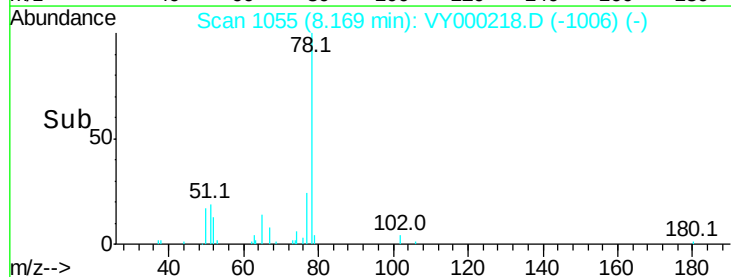
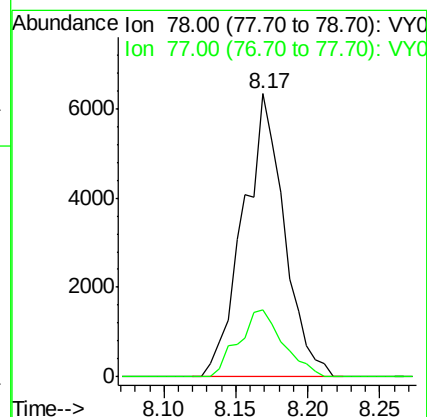
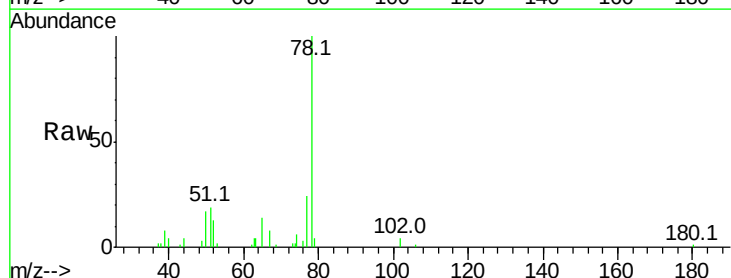
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC001

Tgt Ion: 83 Resp: 5282  
Ion Ratio Lower Upper  
83 100  
55 75.6 53.3 79.9  
98 46.2 43.8 65.8

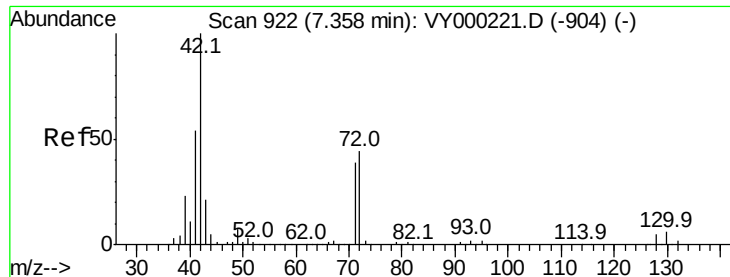


#40  
Benzene  
Concen: 1.180 ug/l  
RT: 8.17 min Scan# 1055  
Delta R.T. -0.00 min  
Lab File: VY000218.D  
Acq: 08 Oct 2019 12:37

Tgt Ion: 78 Resp: 12550  
Ion Ratio Lower Upper  
78 100  
77 23.8 17.9 26.9



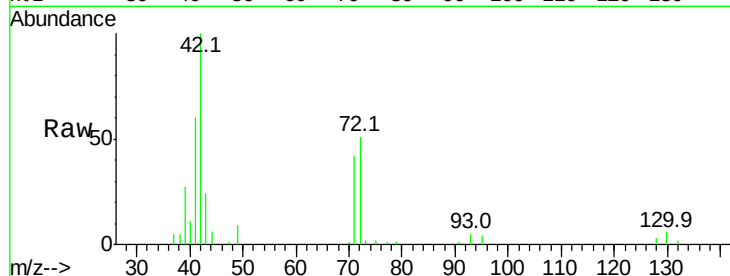




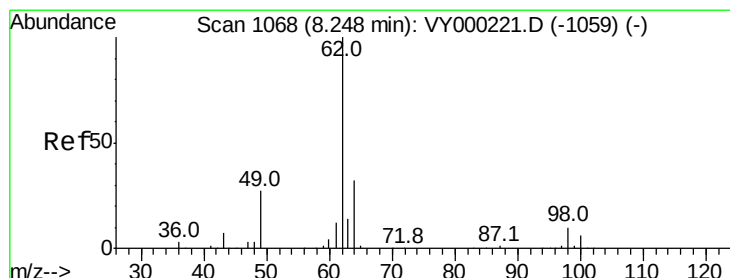
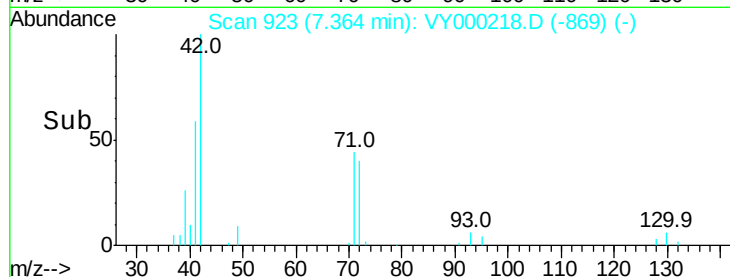
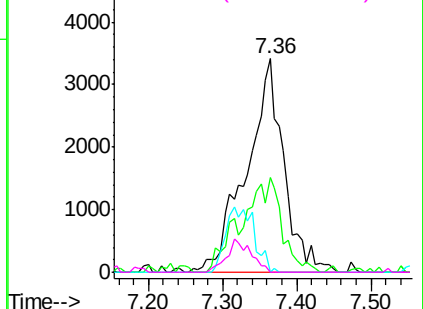
#41  
Methacrylonitrile  
Concen: 1.727 ug/l  
RT: 7.36 min Scan# 923  
Delta R.T. 0.03 min  
Lab File: VY000218.D  
Acq: 08 Oct 2019 12:37

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC001

Tgt Ion: 41 Resp: 12004  
Ion Ratio Lower Upper  
41 100  
39 9.3 122.2 183.2#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0

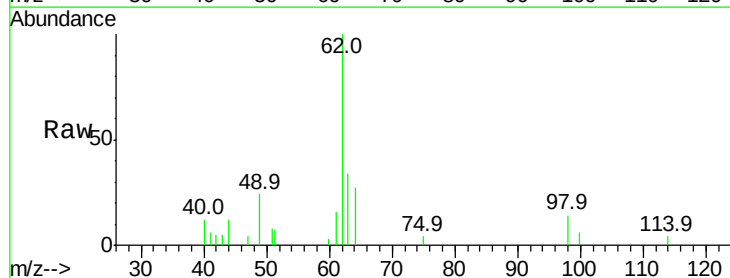


Abundance Ion 41.00 (40.70 to 41.70): VY0  
Ion 39.00 (38.70 to 39.70): VY0  
Ion 67.00 (66.70 to 67.70): VY0  
Ion 52.00 (51.70 to 52.70): VY0

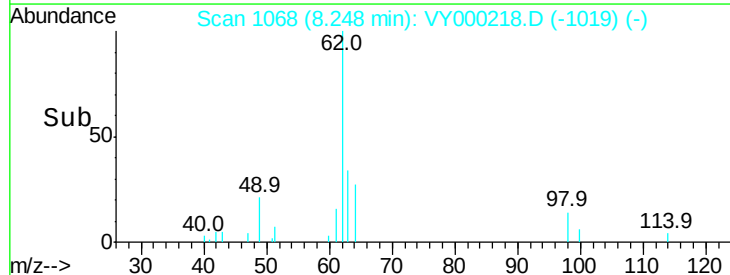
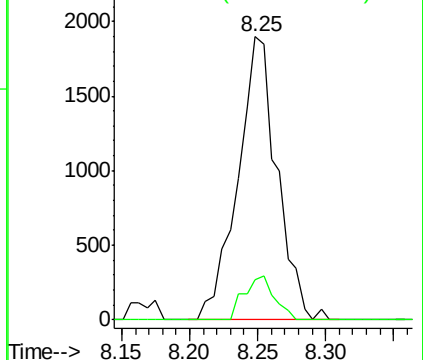


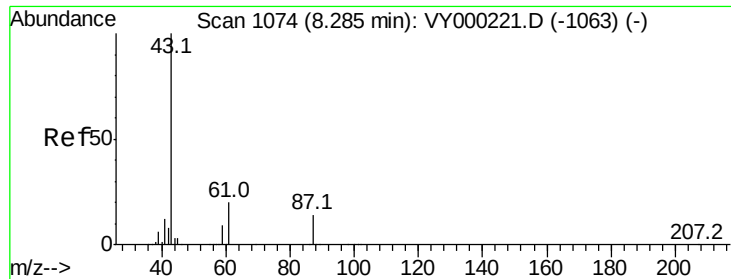
#42  
1,2-Dichloroethane  
Concen: 1.106 ug/l  
RT: 8.25 min Scan# 1068  
Delta R.T. -0.00 min  
Lab File: VY000218.D  
Acq: 08 Oct 2019 12:37

Tgt Ion: 62 Resp: 3823  
Ion Ratio Lower Upper  
62 100  
98 11.9 0.0 23.0



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





#43

Isopropyl Acetate

Concen: 1.239 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC001

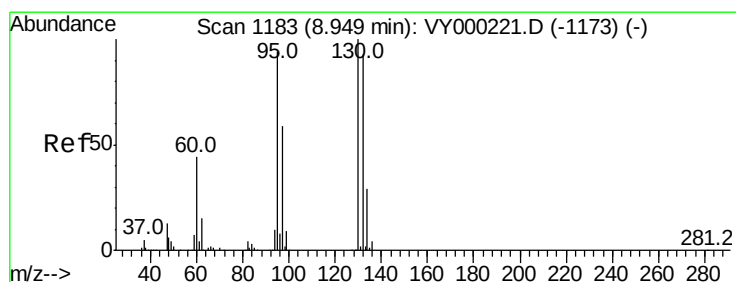
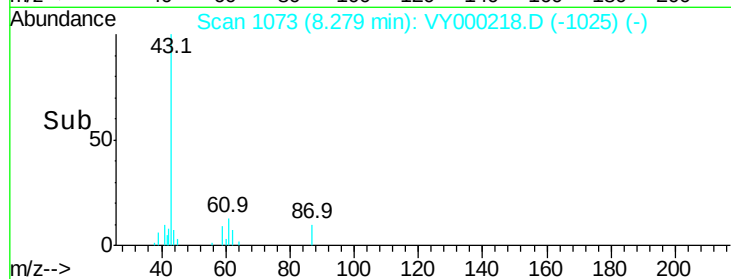
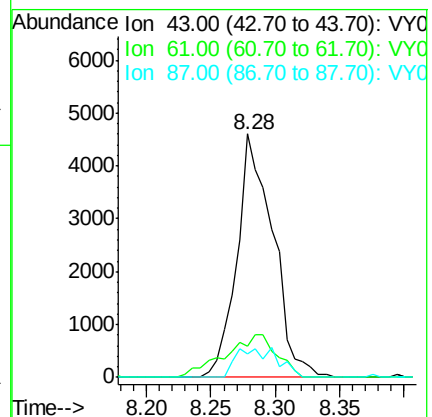
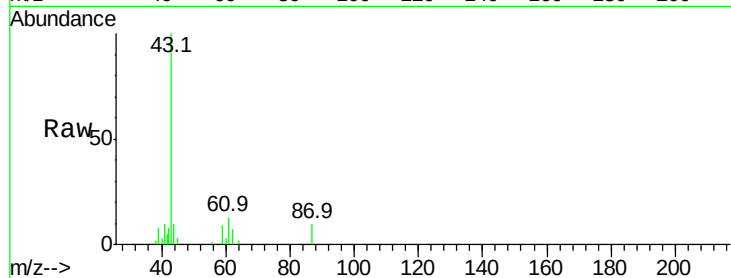
Tgt Ion: 43 Resp: 8940

Ion Ratio Lower Upper

43 100

61 24.9 21.2 31.8

87 13.7 12.4 18.6



#44

Trichloroethene

Concen: 1.048 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000218.D

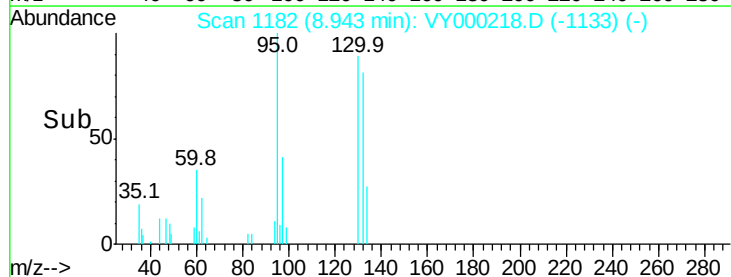
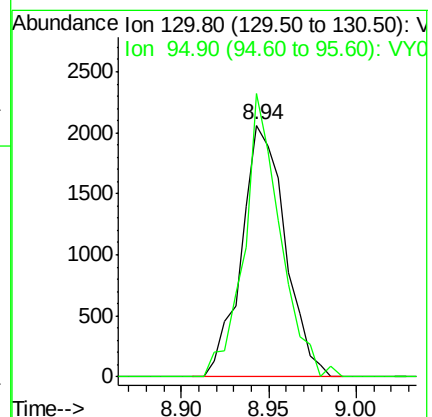
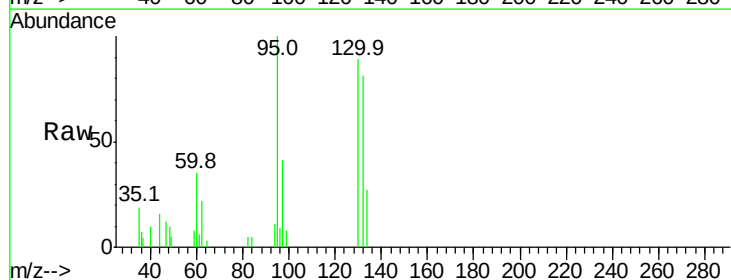
Acq: 08 Oct 2019 12:37

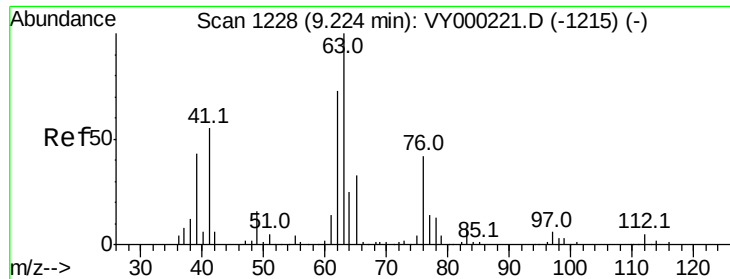
Tgt Ion: 130 Resp: 3578

Ion Ratio Lower Upper

130 100

95 112.4 0.0 183.0

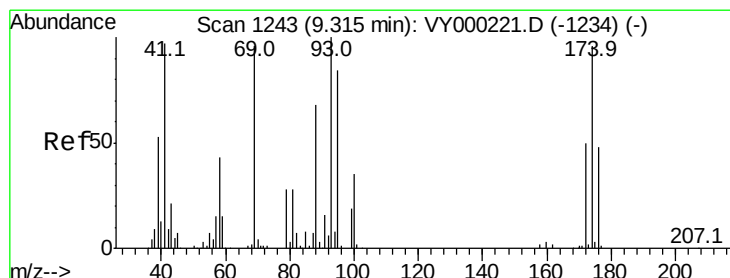
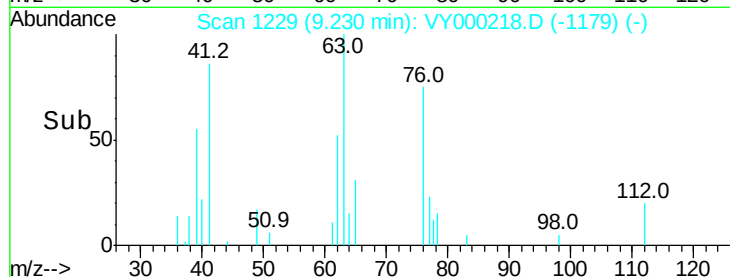
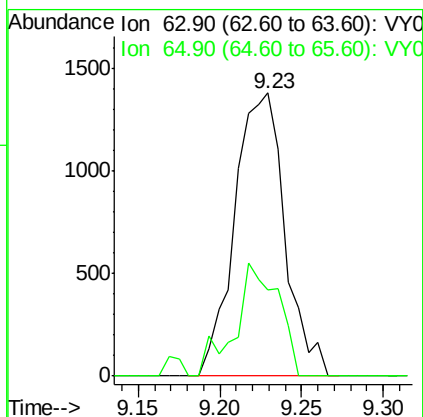
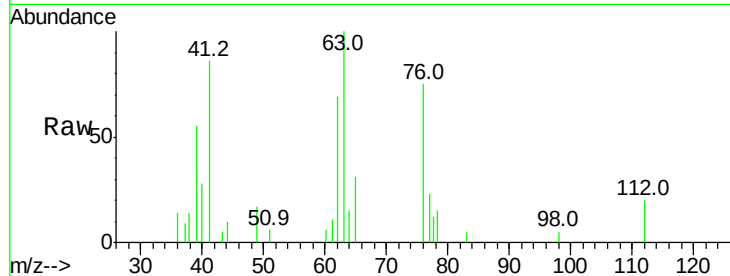




#45  
 1,2-Dichloropropane  
 Concen: 1.137 ug/l  
 RT: 9.23 min Scan# 1229  
 Delta R.T. 0.01 min  
 Lab File: VY000218.D  
 Acq: 08 Oct 2019 12:37

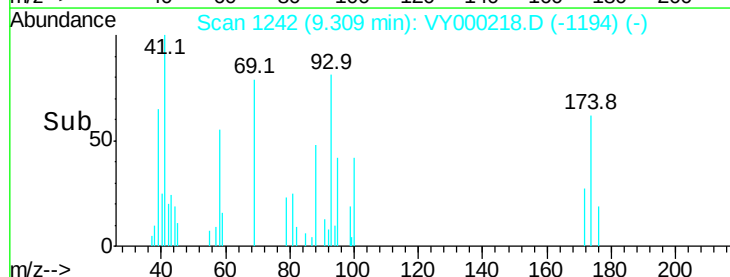
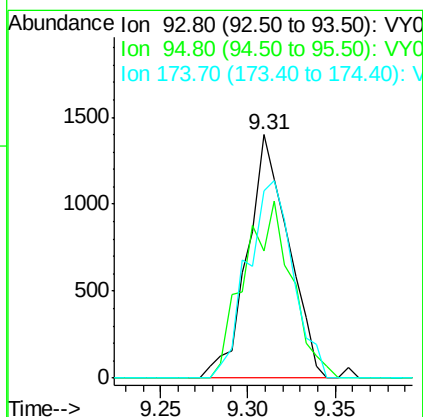
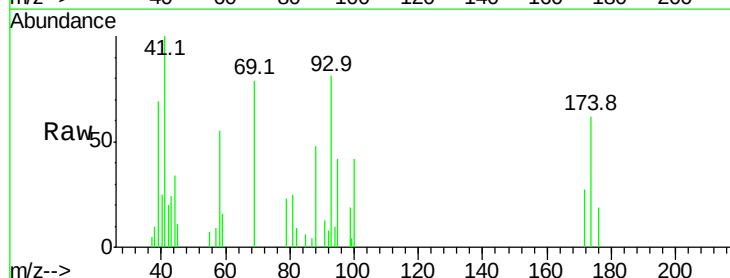
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC001

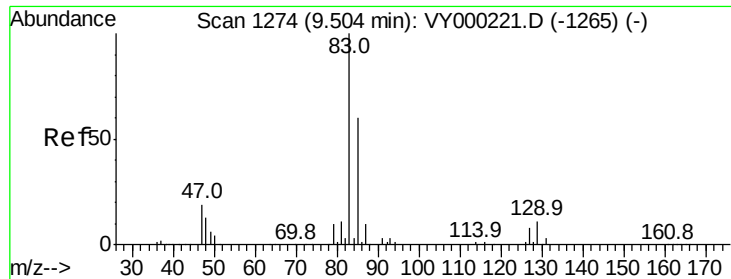
Tgt Ion: 63 Resp: 2948  
 Ion Ratio Lower Upper  
 63 100  
 65 30.7 24.2 36.2



#46  
 Dibromomethane  
 Concen: 1.182 ug/l  
 RT: 9.31 min Scan# 1242  
 Delta R.T. -0.01 min  
 Lab File: VY000218.D  
 Acq: 08 Oct 2019 12:37

Tgt Ion: 93 Resp: 2278  
 Ion Ratio Lower Upper  
 93 100  
 95 84.8 65.8 98.6  
 174 90.3 93.4 140.0#





#47

Bromodichloromethane

Concen: 1.152 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC001

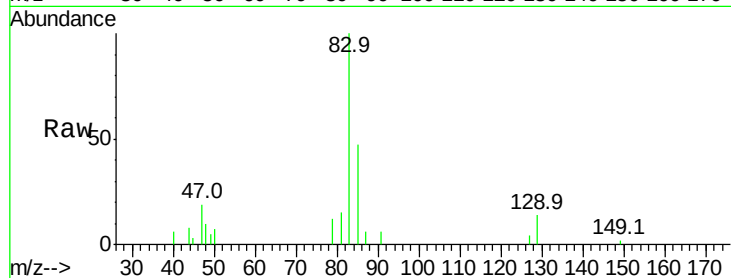
Tgt Ion: 83 Resp: 4213

Ion Ratio Lower Upper

83 100

85 47.4 51.0 76.4#

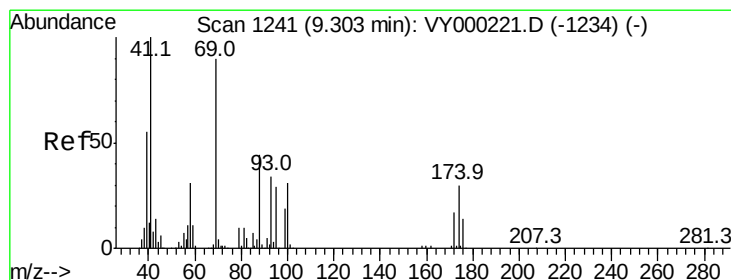
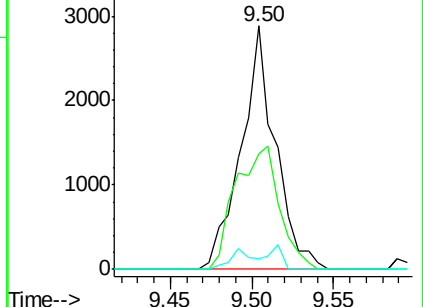
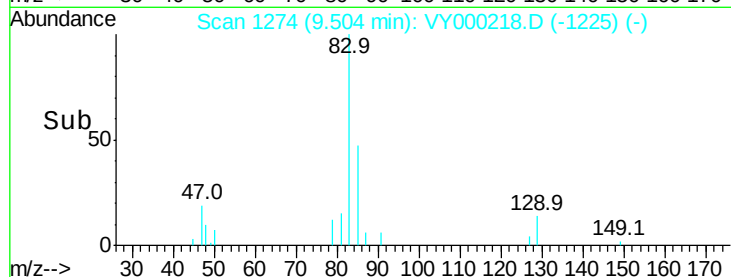
127 4.4 6.6 9.8#



Abundance Ion 82.90 (82.60 to 83.60): VY000218.D (-1225) (-)

Ion 84.90 (84.60 to 85.60): VY000218.D (-1225) (-)

Ion 126.80 (126.50 to 127.50): VY000218.D (-1225) (-)



#48

Methyl methacrylate

Concen: 1.389 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

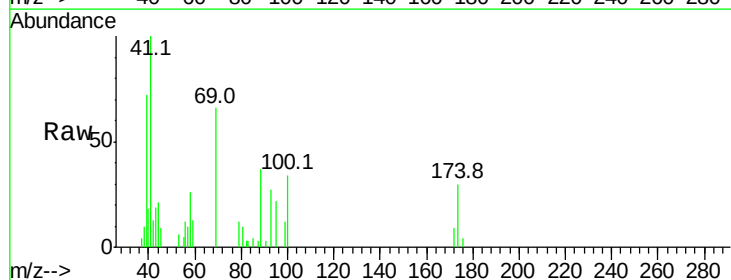
Tgt Ion: 41 Resp: 4305

Ion Ratio Lower Upper

41 100

69 79.0 77.6 116.4

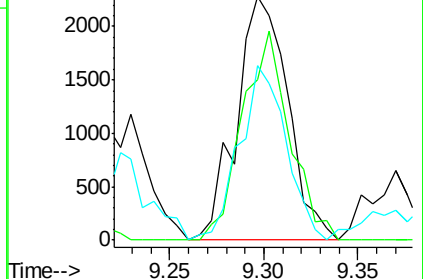
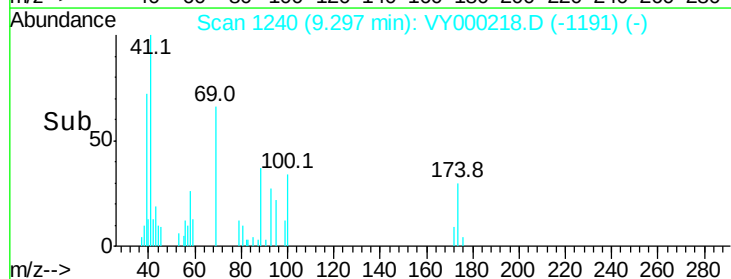
39 64.8 48.7 73.1

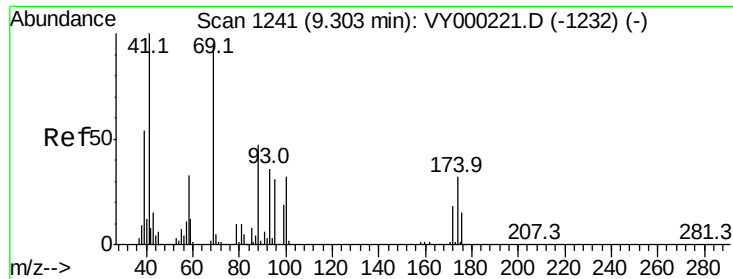


Abundance Ion 41.00 (40.70 to 41.70): VY000218.D (-1191) (-)

Ion 69.00 (68.70 to 69.70): VY000218.D (-1191) (-)

Ion 39.00 (38.70 to 39.70): VY000218.D (-1191) (-)

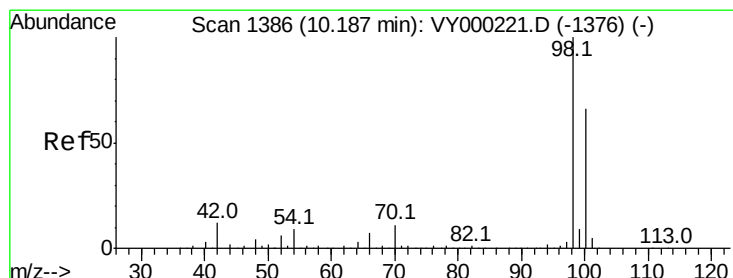
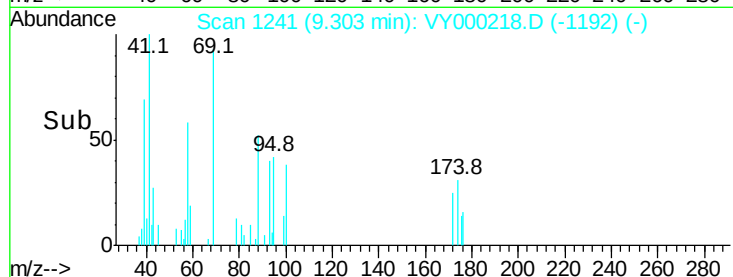
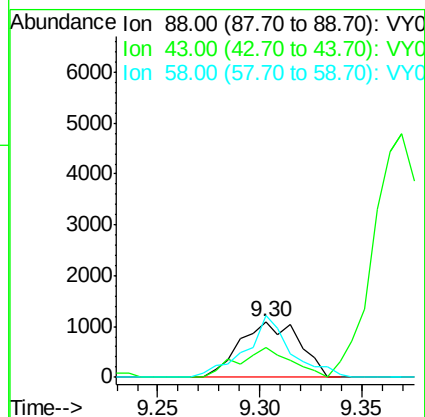
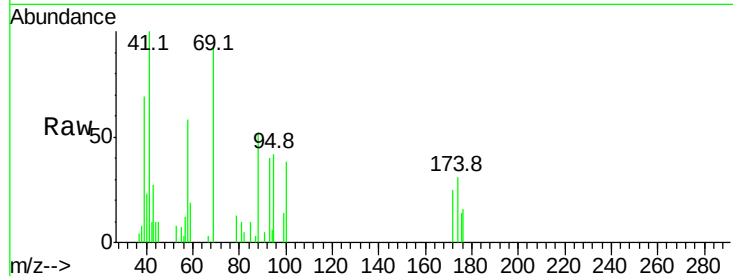




#49  
 1,4-Dioxane  
 Concen: 22.674 ug/l  
 RT: 9.30 min Scan# 1241  
 Delta R.T. -0.00 min  
 Lab File: VY000218.D  
 Acq: 08 Oct 2019 12:37

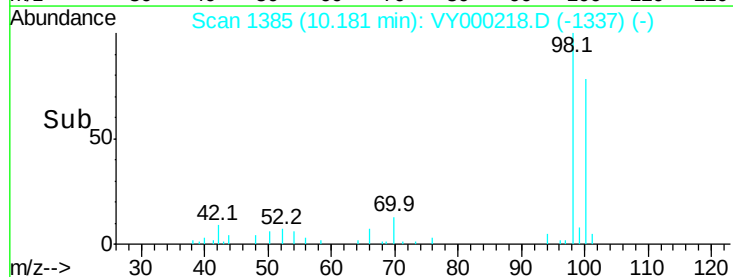
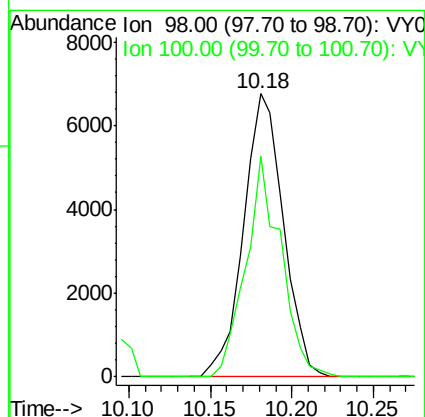
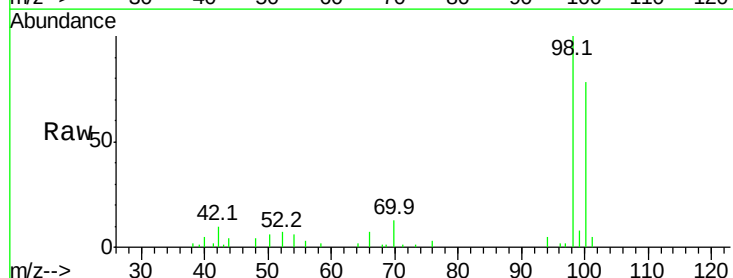
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC001

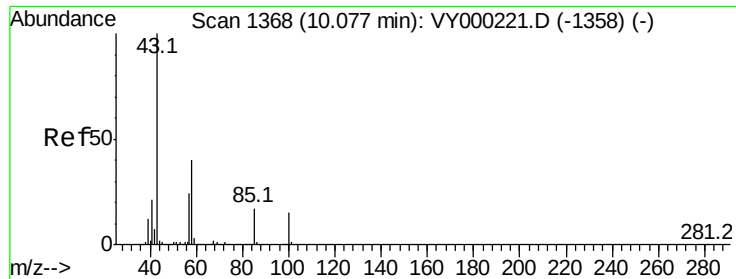
Tgt Ion: 88 Resp: 2202  
 Ion Ratio Lower Upper  
 88 100  
 43 47.7 20.2 30.2#  
 58 84.6 46.8 70.2#



#50  
 Toluene-d8  
 Concen: 1.228 ug/l  
 RT: 10.18 min Scan# 1385  
 Delta R.T. -0.01 min  
 Lab File: VY000218.D  
 Acq: 08 Oct 2019 12:37

Tgt Ion: 98 Resp: 11521  
 Ion Ratio Lower Upper  
 98 100  
 100 68.6 53.6 80.4

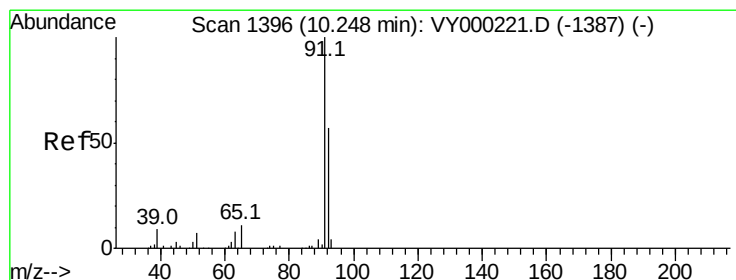
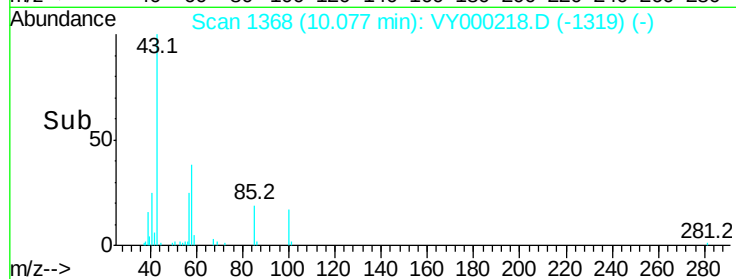
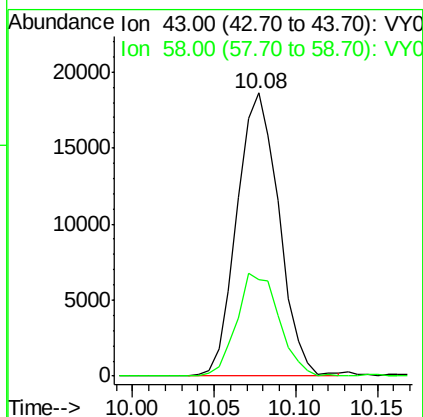
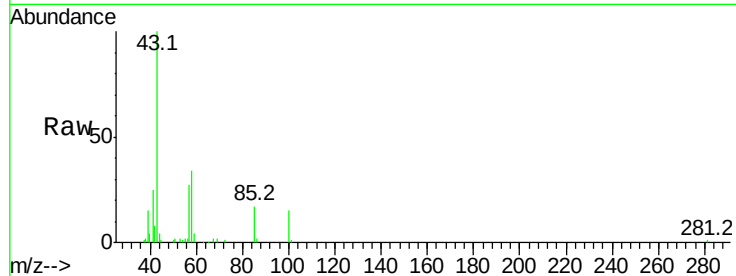




#51  
4-Methyl-2-Pentanone  
Concen: 6.259 ug/l  
RT: 10.08 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: VY000218.D  
Acq: 08 Oct 2019 12:37

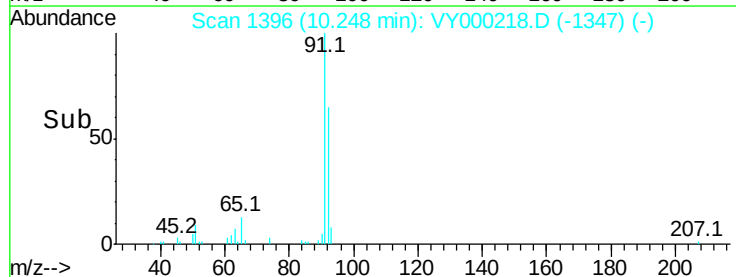
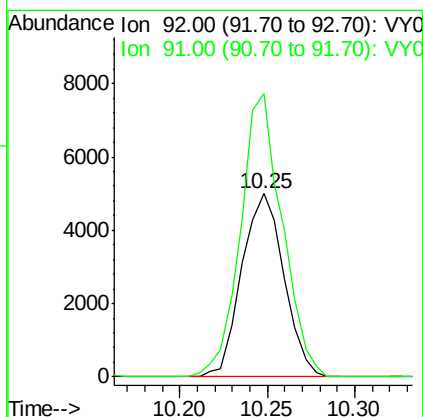
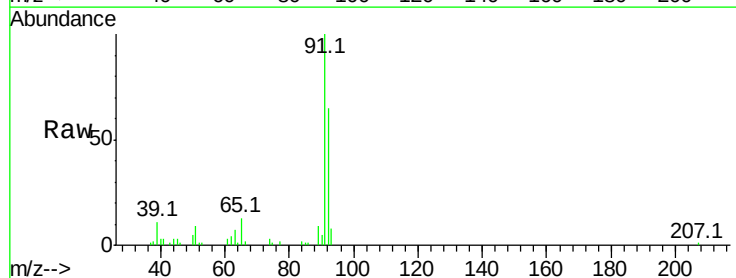
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC001

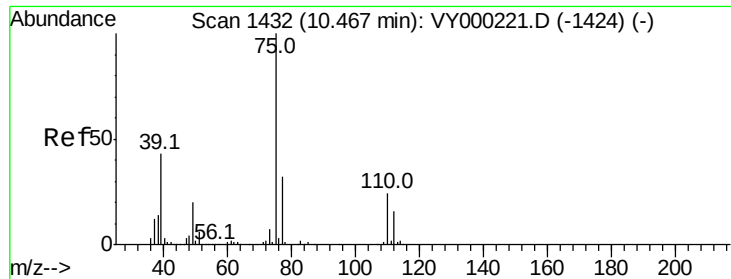
Tgt Ion: 43 Resp: 33390  
Ion Ratio Lower Upper  
43 100  
58 36.6 33.0 49.6



#52  
Toluene  
Concen: 1.211 ug/l  
RT: 10.25 min Scan# 1396  
Delta R.T. -0.00 min  
Lab File: VY000218.D  
Acq: 08 Oct 2019 12:37

Tgt Ion: 92 Resp: 8433  
Ion Ratio Lower Upper  
92 100  
91 152.5 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 1.033 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

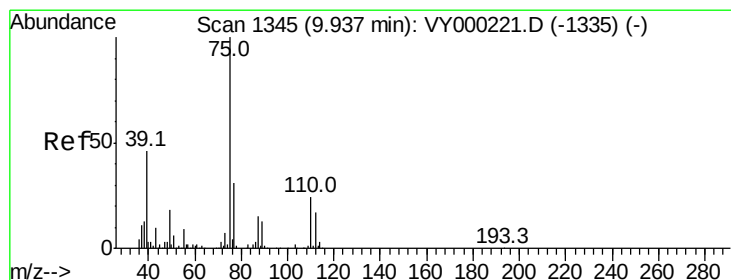
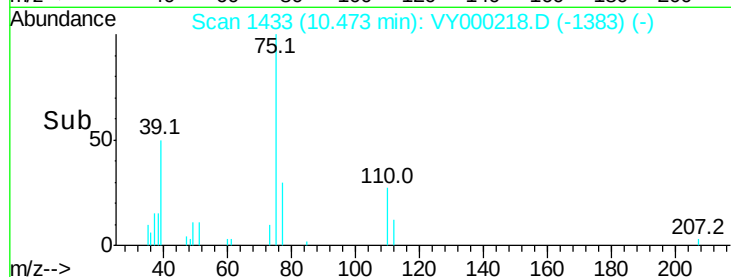
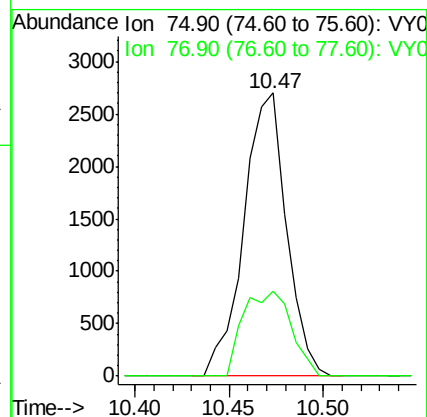
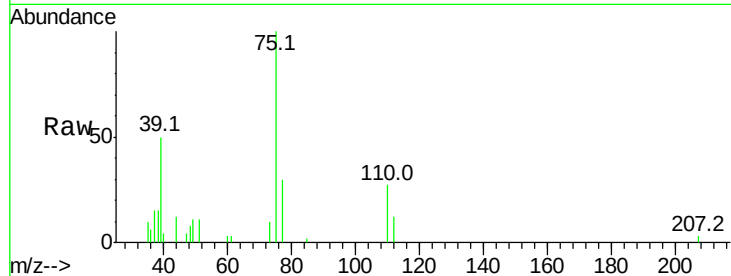
VSTDIC001

Tgt Ion: 75 Resp: 4244

Ion Ratio Lower Upper

75 100

77 29.8 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 1.221 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

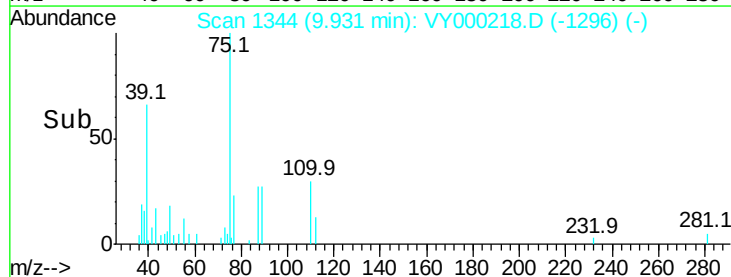
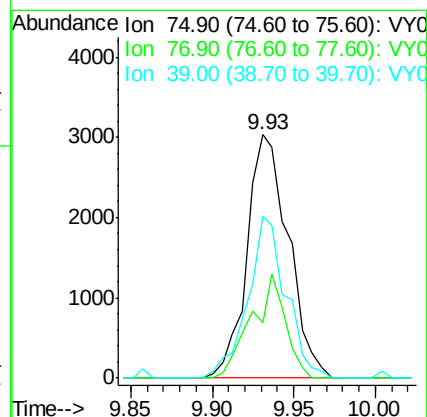
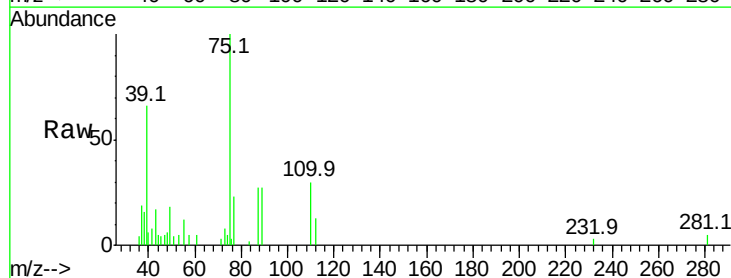
Tgt Ion: 75 Resp: 5369

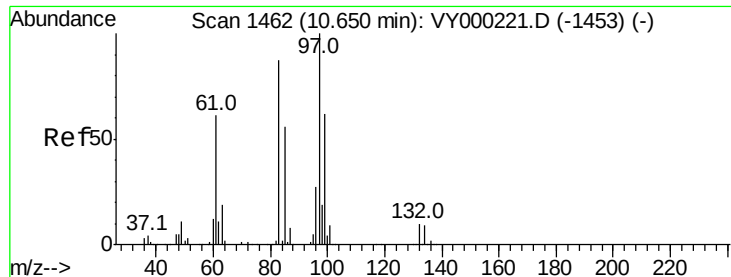
Ion Ratio Lower Upper

75 100

77 22.8 24.8 37.2#

39 66.4 33.2 49.8#





#55

1,1,2-Trichloroethane

Concen: 1.064 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 3041

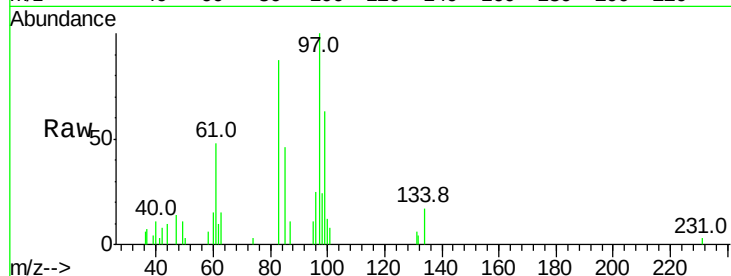
Ion Ratio Lower Upper

97 100

83 87.2 66.2 99.2

85 46.5 41.0 61.6

99 62.8 47.0 70.6

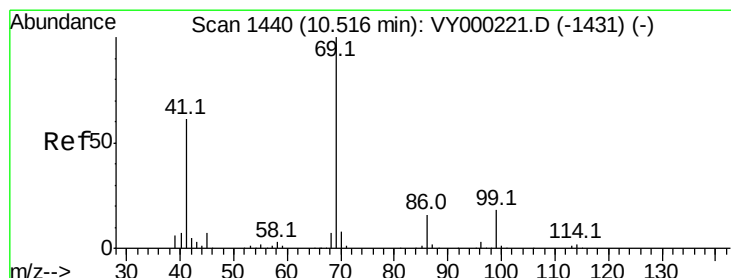
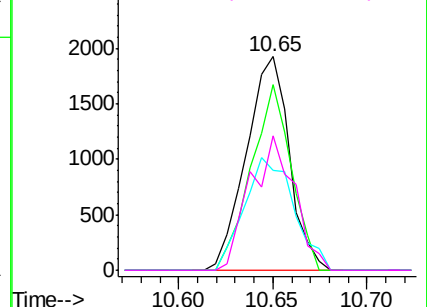
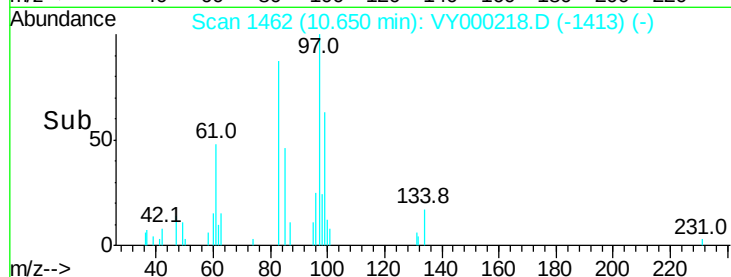


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 1.176 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

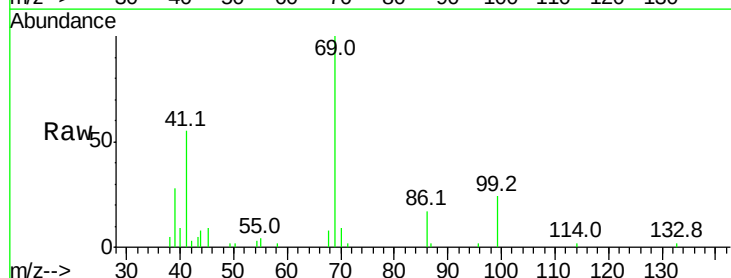
Tgt Ion: 69 Resp: 5112

Ion Ratio Lower Upper

69 100

41 62.2 46.9 70.3

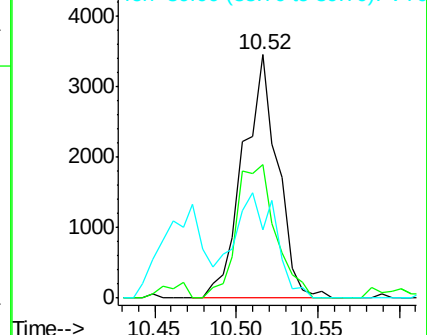
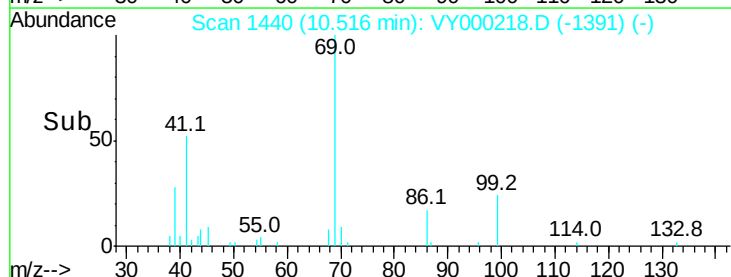
39 52.1 27.4 41.0#



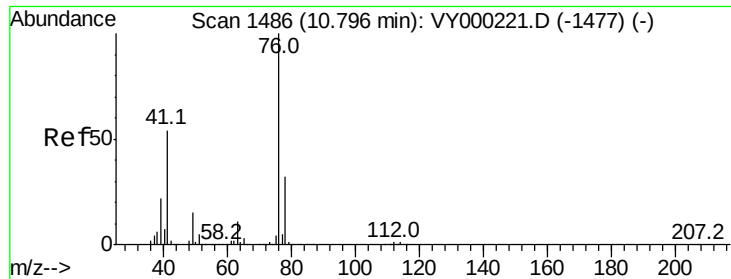
Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0







#57

1,3-Dichloropropane

Concen: 1.210 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

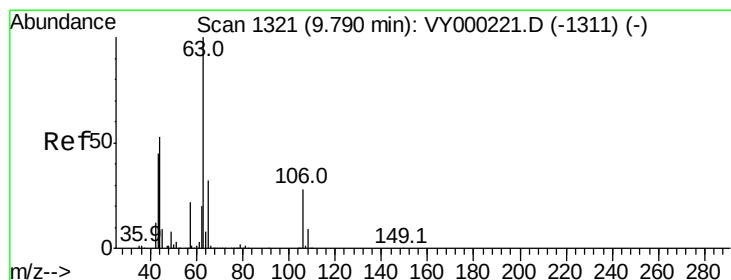
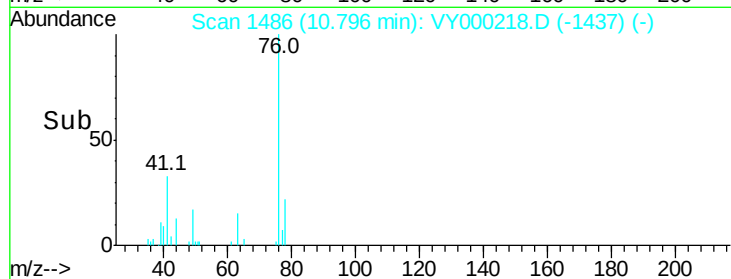
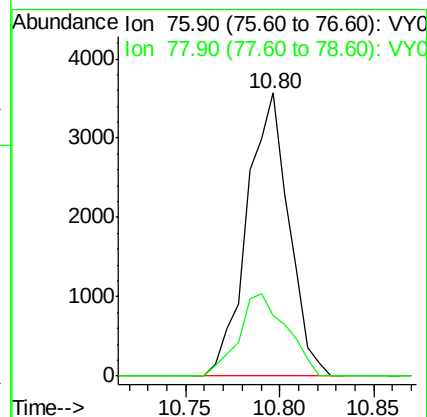
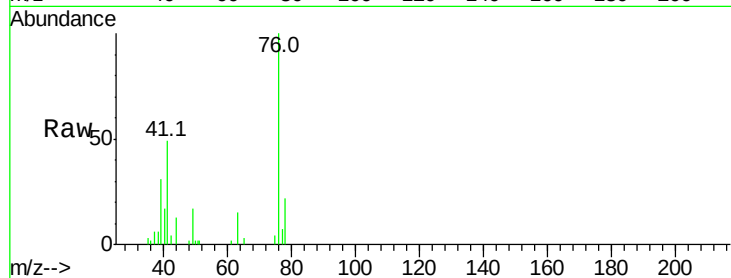
VSTDIC001

Tgt Ion: 76 Resp: 5493

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 3.559 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000218.D

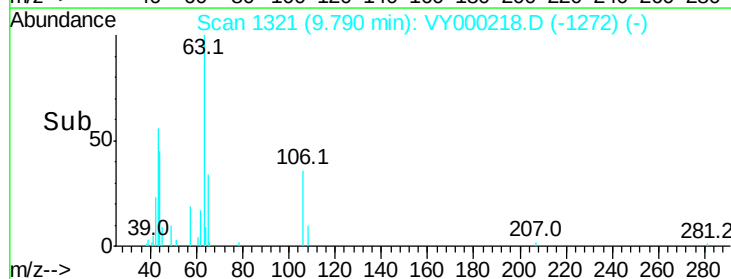
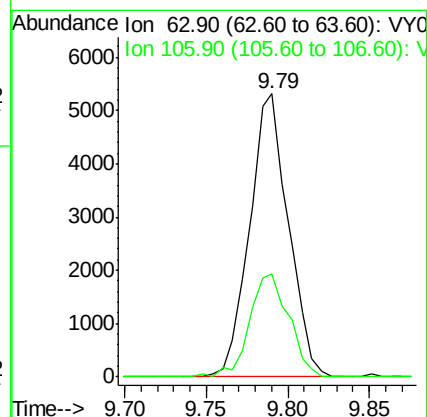
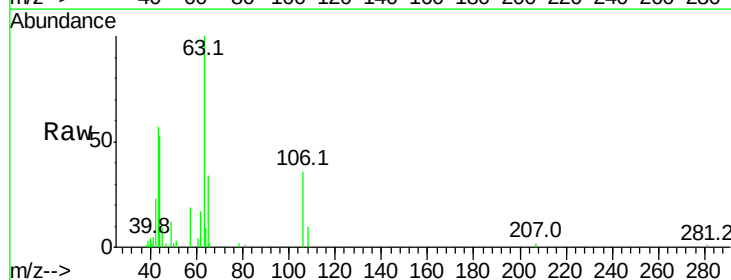
Acq: 08 Oct 2019 12:37

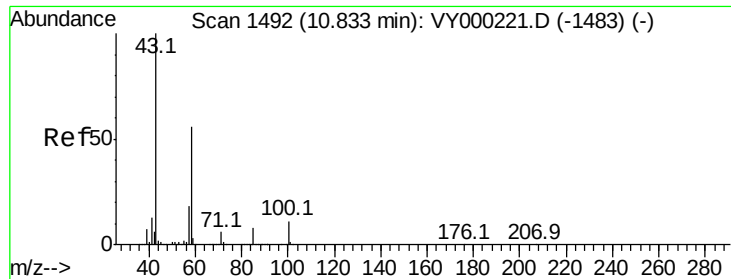
Tgt Ion: 63 Resp: 8800

Ion Ratio Lower Upper

63 100

106 37.0 26.8 40.2

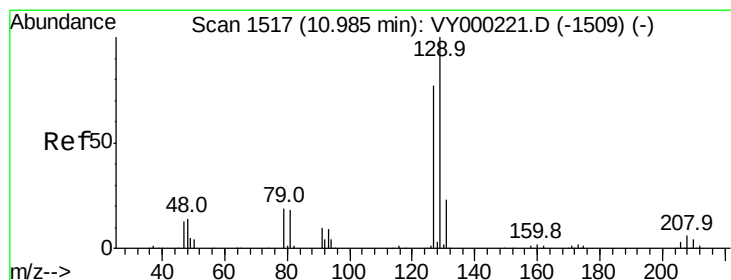
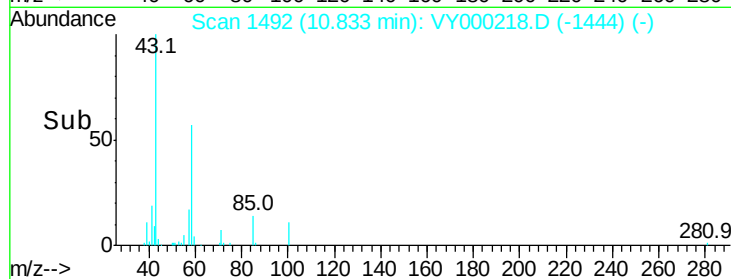
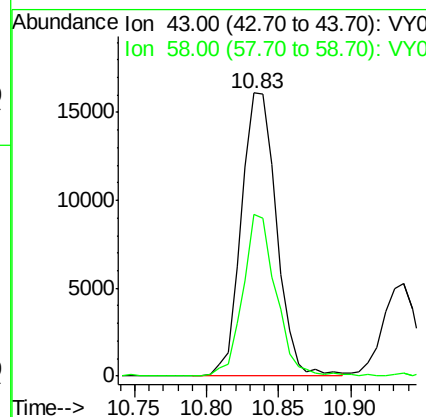
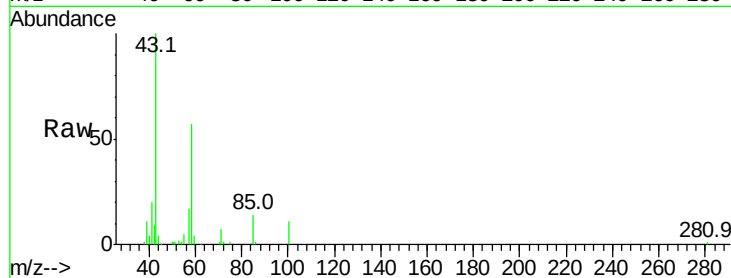




#59  
2-Hexanone  
Concen: 6.015 ug/l  
RT: 10.83 min Scan# 1492  
Delta R.T. -0.01 min  
Lab File: VY000218.D  
Acq: 08 Oct 2019 12:37

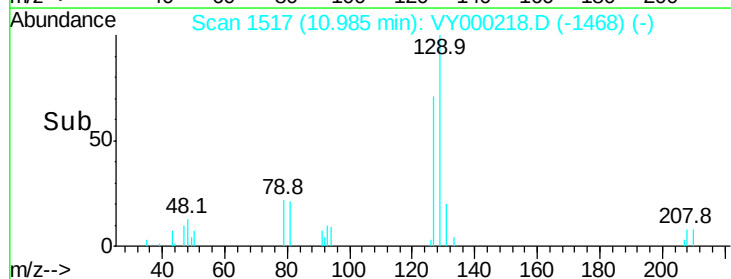
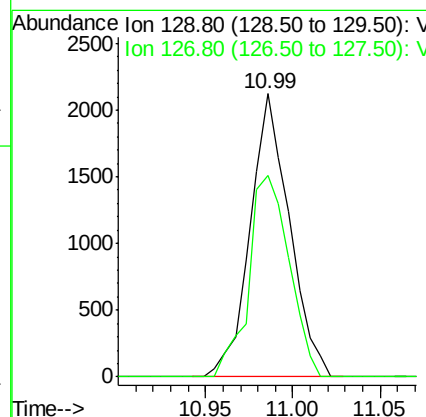
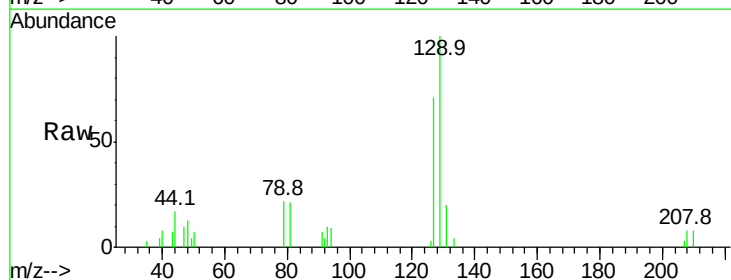
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC001

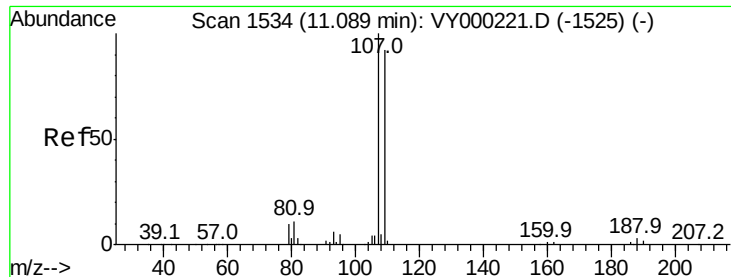
Tgt Ion: 43 Resp: 27282  
Ion Ratio Lower Upper  
43 100  
58 53.9 28.7 86.1



#60  
Dibromochloromethane  
Concen: 1.038 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. -0.00 min  
Lab File: VY000218.D  
Acq: 08 Oct 2019 12:37

Tgt Ion: 129 Resp: 3311  
Ion Ratio Lower Upper  
129 100  
127 73.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 1.050 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

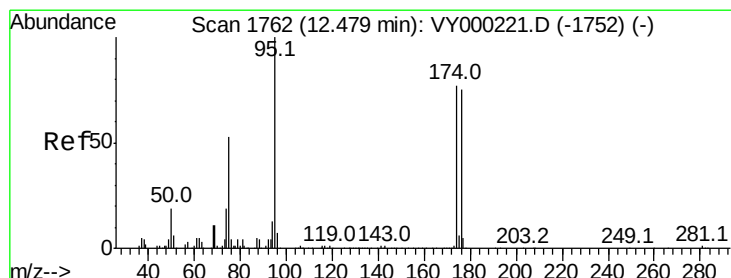
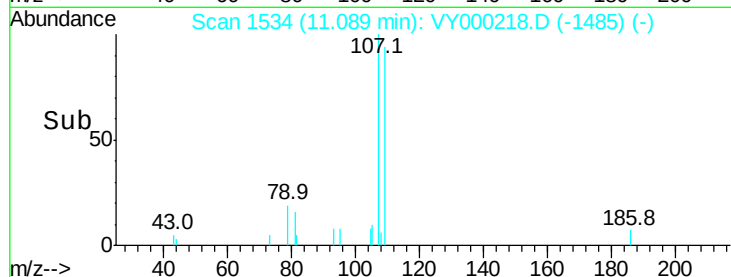
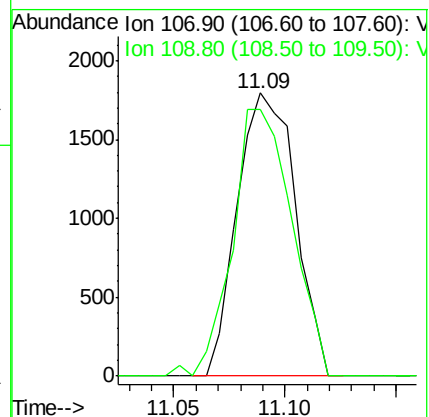
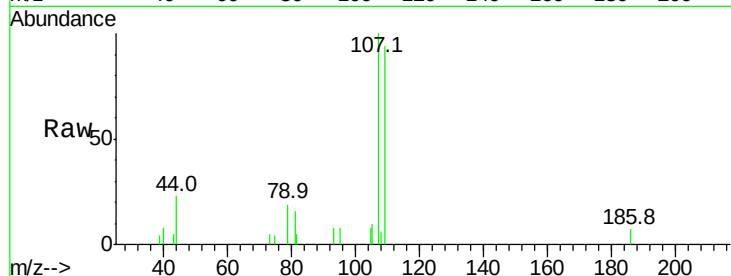
VSTDIC001

Tgt Ion: 107 Resp: 3252

Ion Ratio Lower Upper

107 100

109 96.6 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 1.124 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

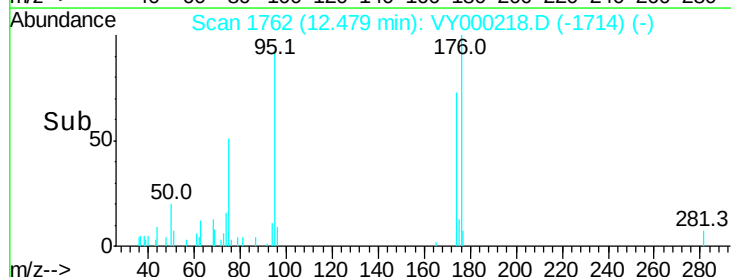
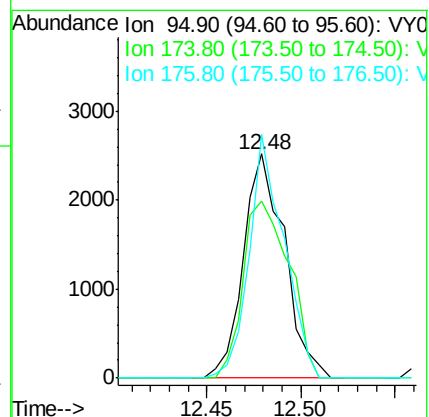
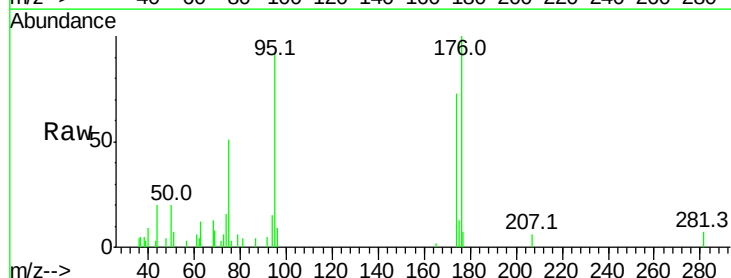
Tgt Ion: 95 Resp: 3801

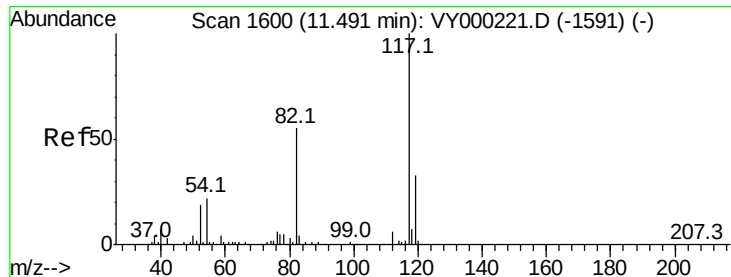
Ion Ratio Lower Upper

95 100

174 88.6 0.0 188.4

176 92.3 0.0 182.8

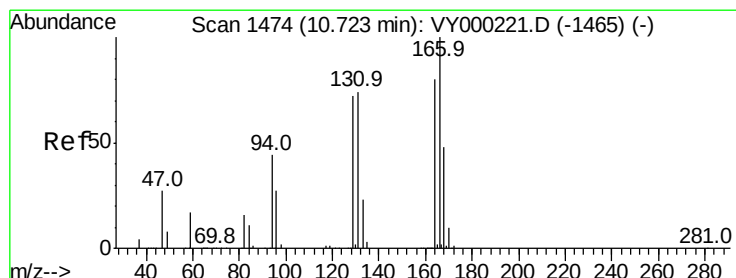
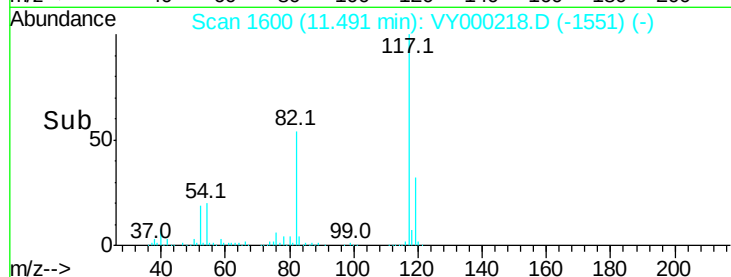
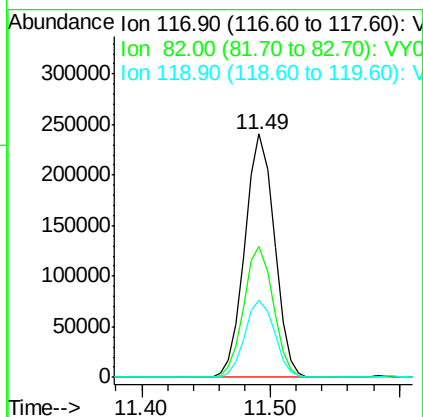
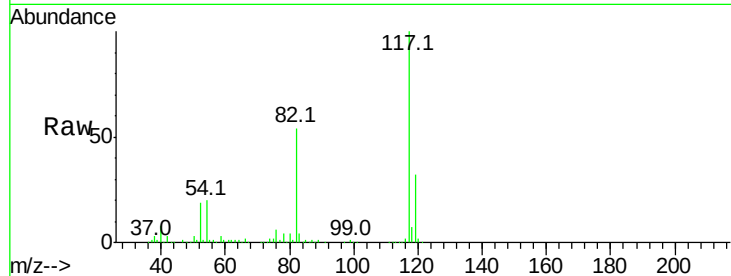




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VY000218.D  
Acq: 08 Oct 2019 12:37

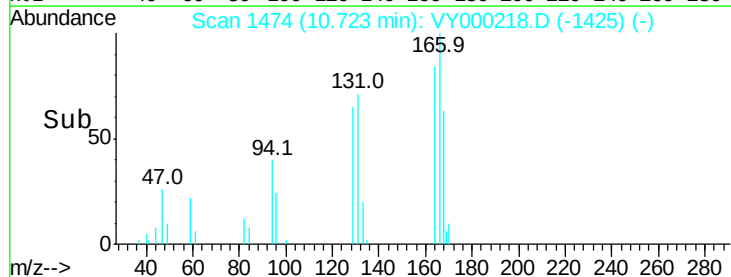
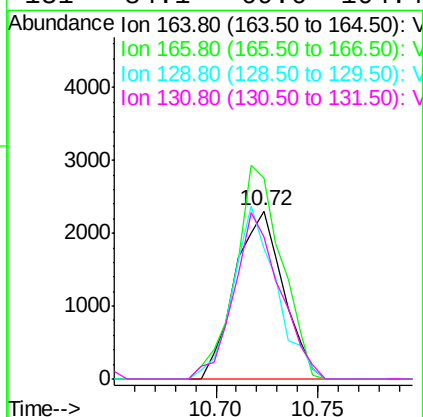
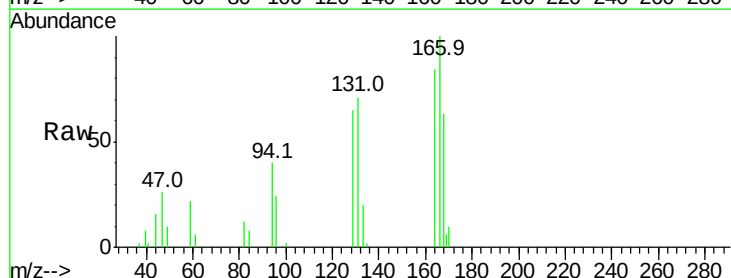
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC001

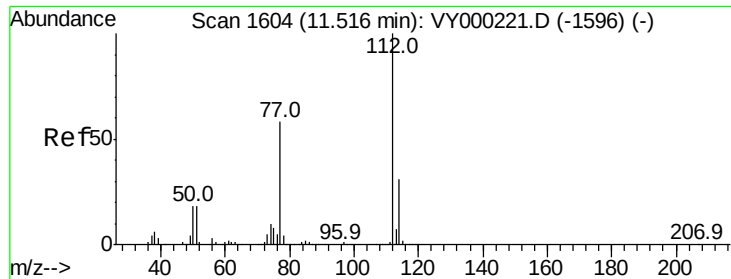
Tgt Ion:117 Resp: 381976  
Ion Ratio Lower Upper  
117 100  
82 54.0 39.4 59.2  
119 31.5 25.8 38.6



#64  
Tetrachloroethene  
Concen: 1.120 ug/l  
RT: 10.72 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VY000218.D  
Acq: 08 Oct 2019 12:37

Tgt Ion:164 Resp: 3801  
Ion Ratio Lower Upper  
164 100  
166 119.2 98.4 147.6  
129 77.3 68.6 103.0  
131 84.1 69.6 104.4





#65

Chlorobenzene

Concen: 1.244 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

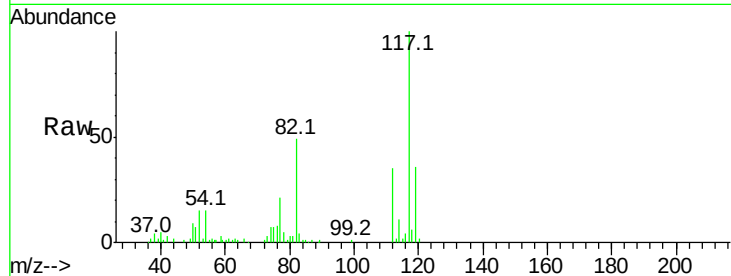
VSTDIC001

Tgt Ion:112 Resp: 9253

Ion Ratio Lower Upper

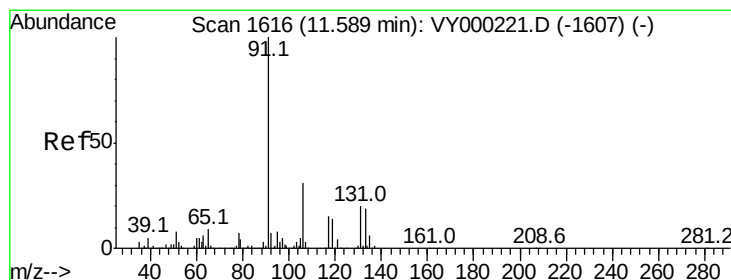
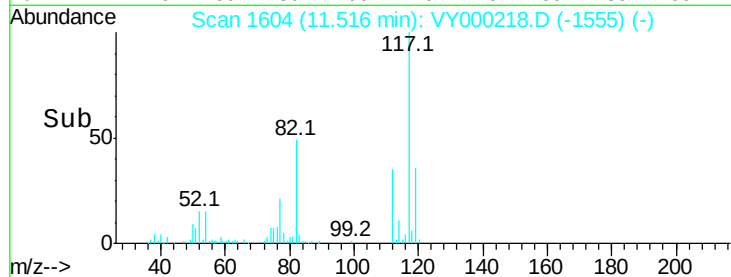
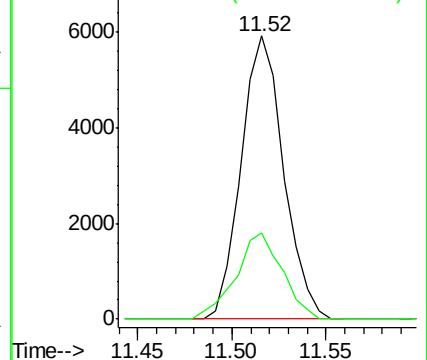
112 100

114 30.4 24.4 36.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.029 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

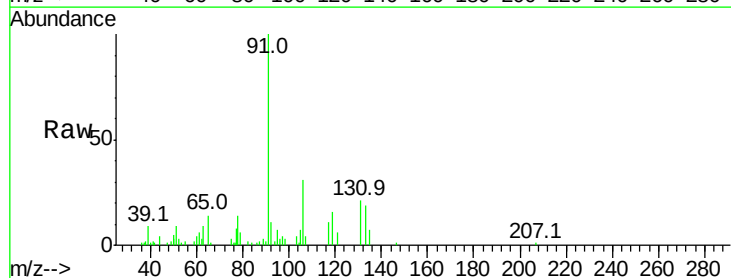
Tgt Ion:131 Resp: 2870

Ion Ratio Lower Upper

131 100

133 104.9 47.1 141.4

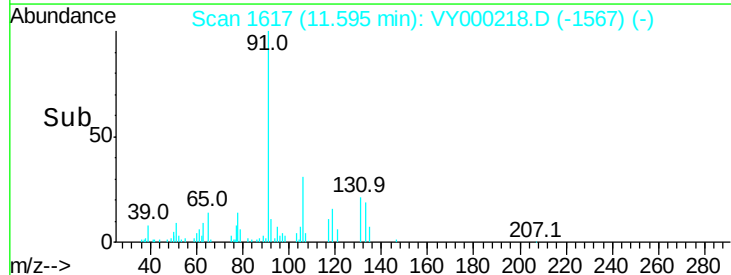
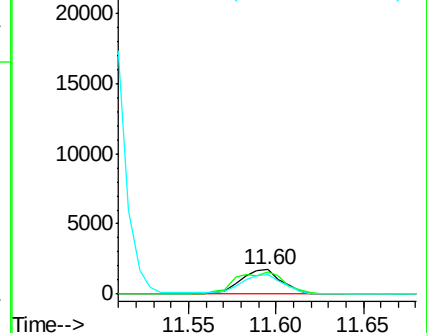
119 0.0 31.4 94.3#

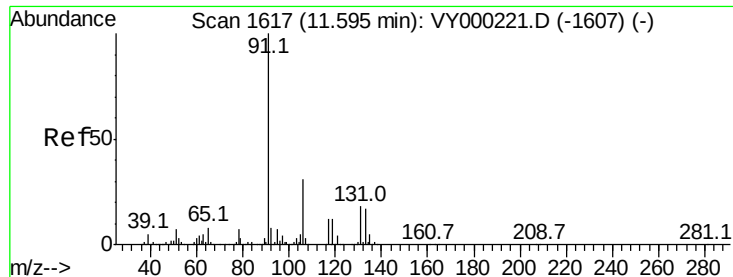


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 1.130 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

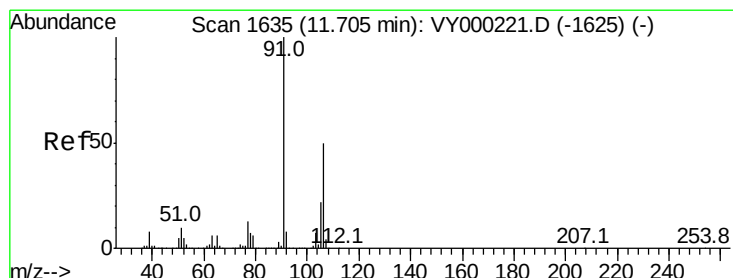
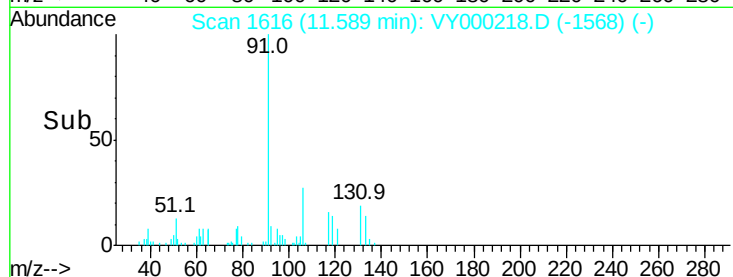
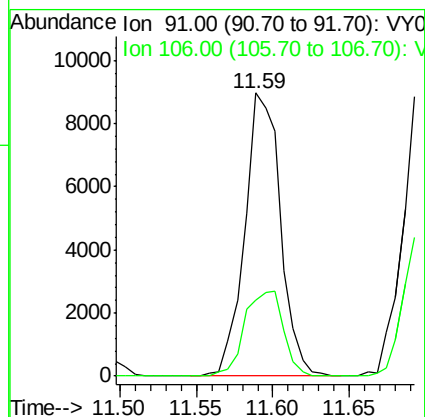
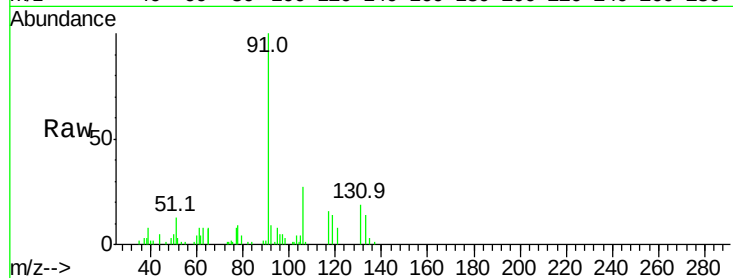
VSTDIC001

Tgt Ion: 91 Resp: 14518

Ion Ratio Lower Upper

91 100

106 26.6 26.9 40.3#



#68

m/p-Xylenes

Concen: 2.159 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VY000218.D

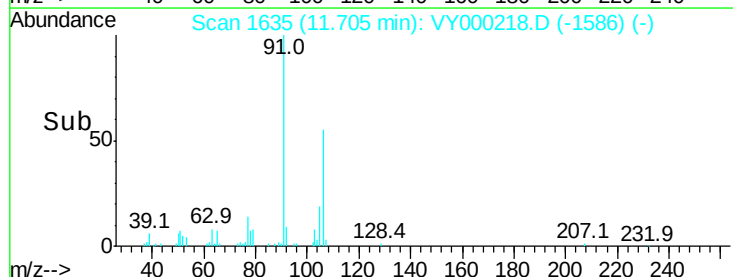
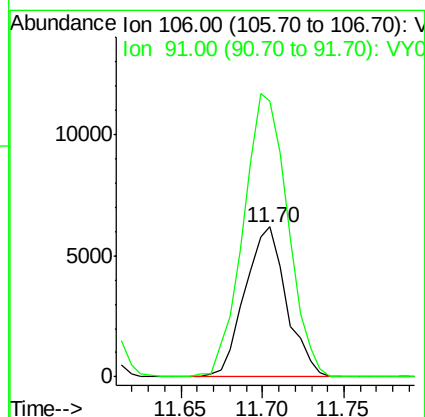
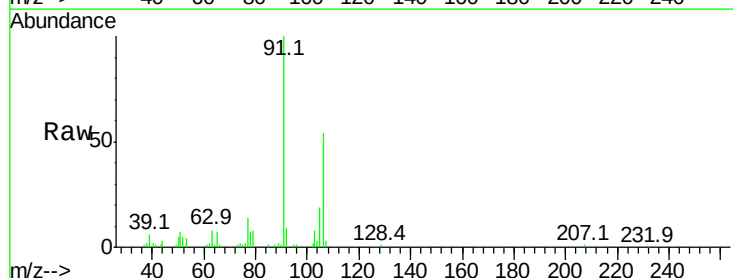
Acq: 08 Oct 2019 12:37

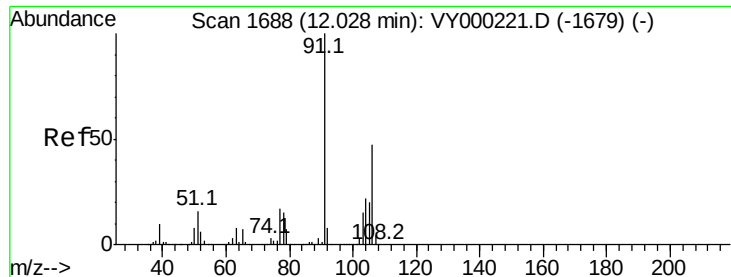
Tgt Ion: 106 Resp: 10932

Ion Ratio Lower Upper

106 100

91 202.4 153.0 229.6

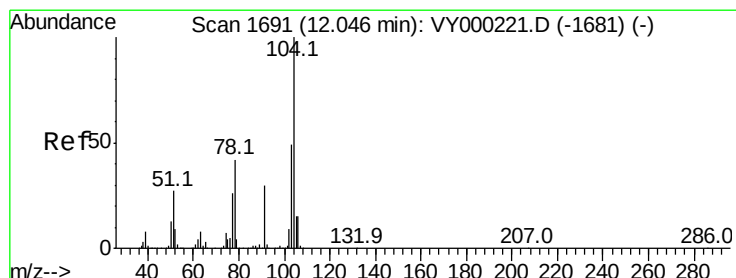
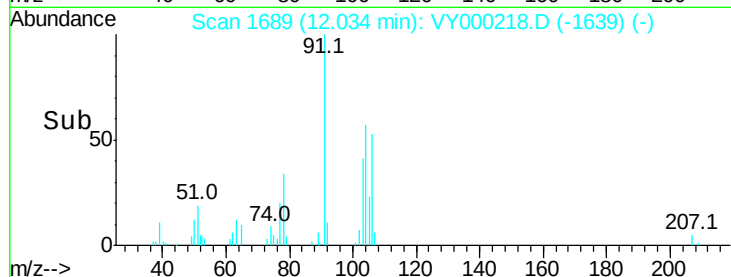
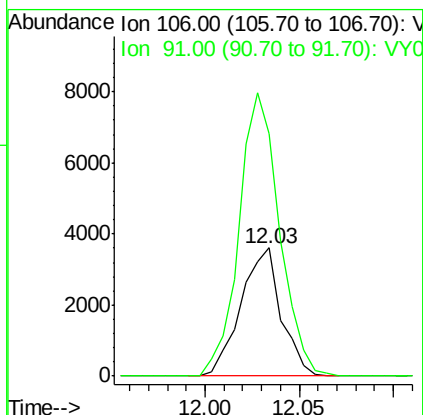
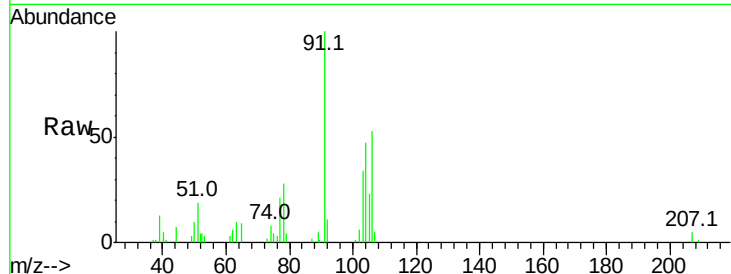




#69  
o-Xylene  
Concen: 1.074 ug/l  
RT: 12.03 min Scan# 1689  
Delta R.T. 0.01 min  
Lab File: VY000218.D  
Acq: 08 Oct 2019 12:37

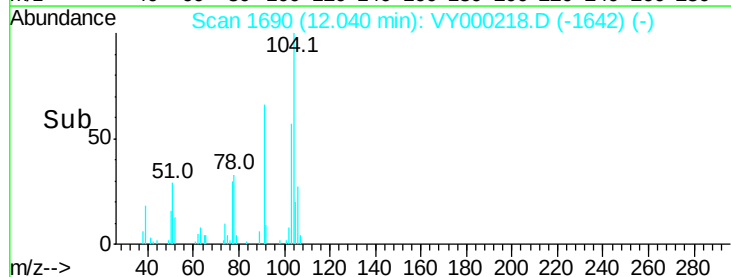
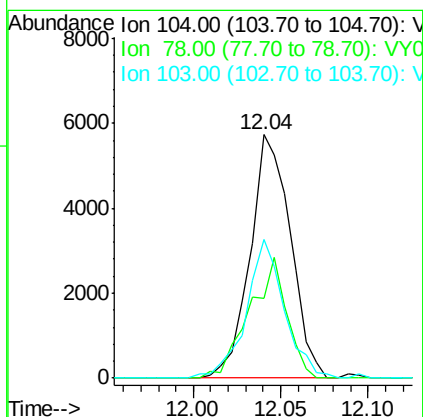
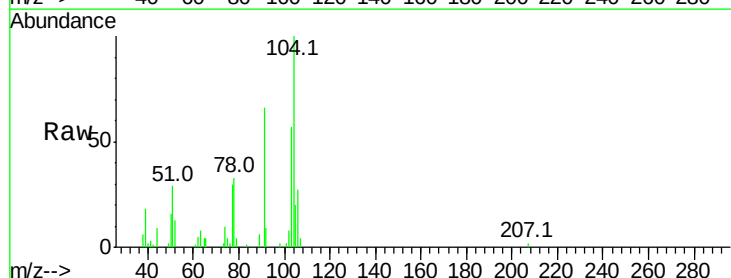
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC001

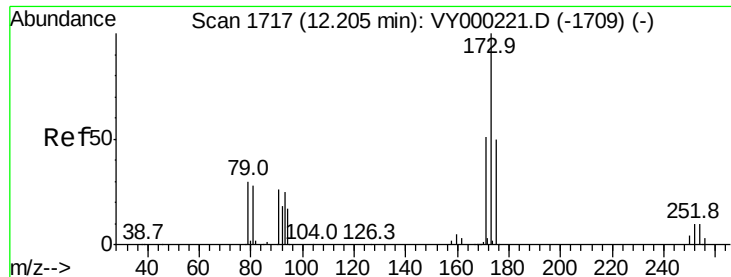
Tgt Ion:106 Resp: 5355  
Ion Ratio Lower Upper  
106 100  
91 220.8 100.8 302.6



#70  
Styrene  
Concen: 1.112 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. -0.01 min  
Lab File: VY000218.D  
Acq: 08 Oct 2019 12:37

Tgt Ion:104 Resp: 9176  
Ion Ratio Lower Upper  
104 100  
78 46.2 35.6 53.4  
103 53.8 42.2 63.4





#71

Bromoform

Concen: 0.847 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC001

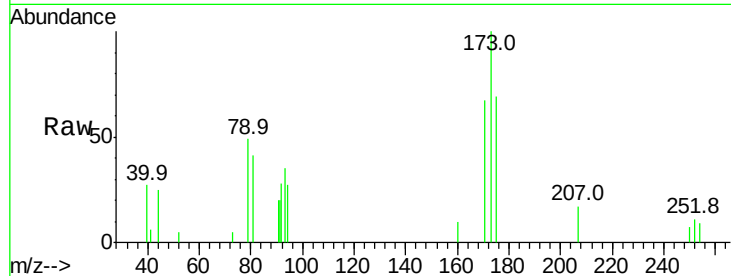
Tgt Ion:173 Resp: 2083

Ion Ratio Lower Upper

173 100

175 52.8 23.9 71.8

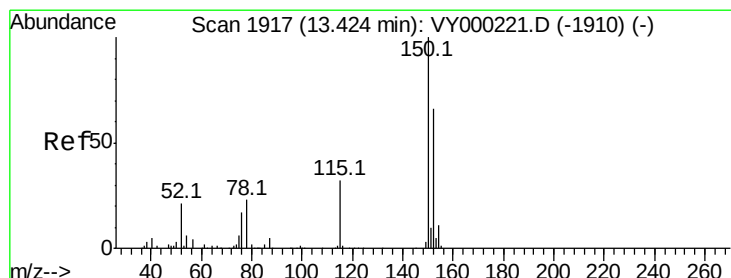
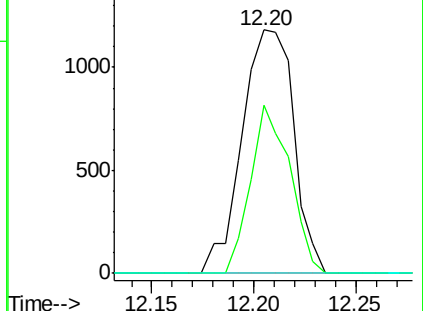
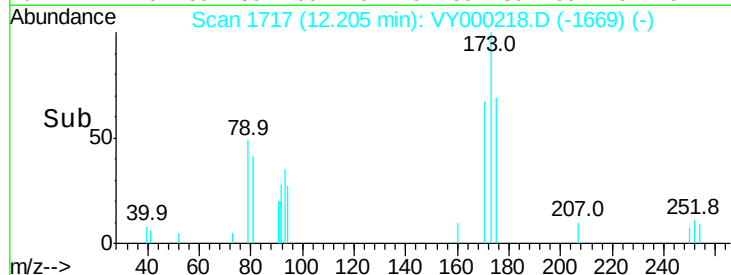
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

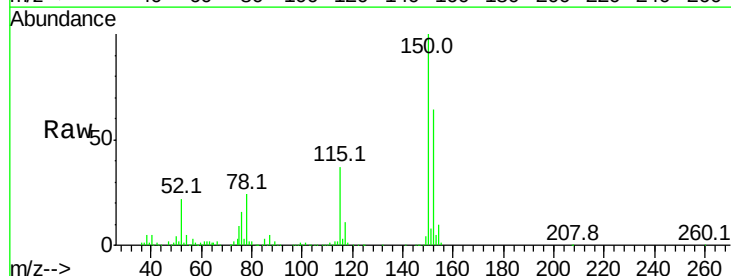
Tgt Ion:152 Resp: 178710

Ion Ratio Lower Upper

152 100

115 57.3 26.0 78.0

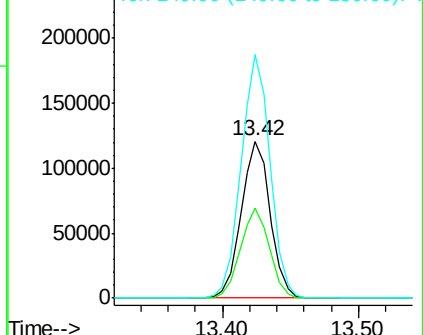
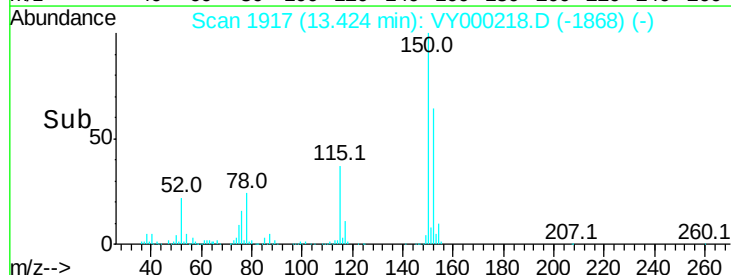
150 155.8 0.0 332.8



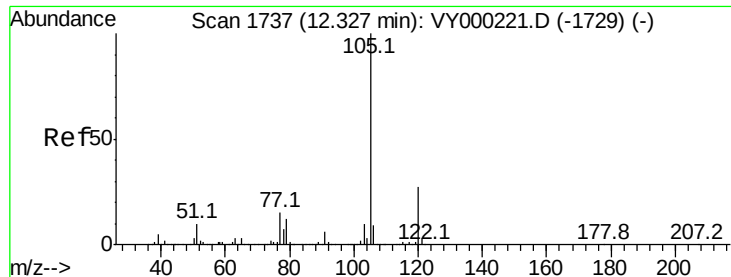
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 1.182 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

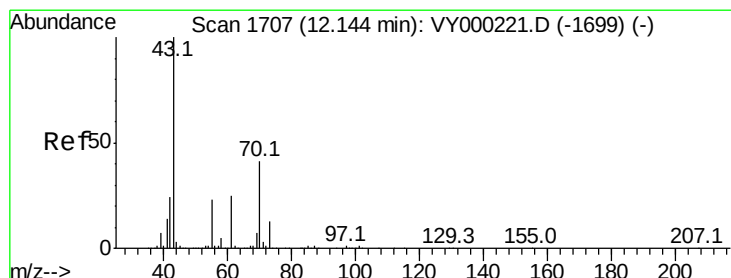
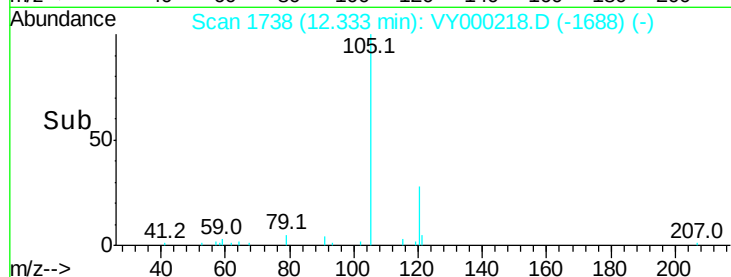
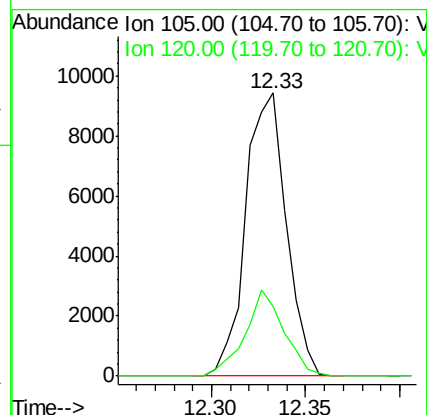
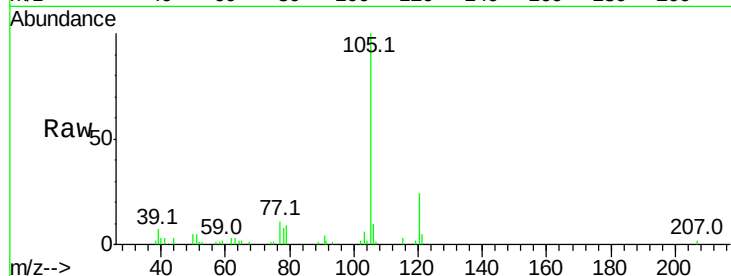
VSTDIC001

Tgt Ion:105 Resp: 14087

Ion Ratio Lower Upper

105 100

120 29.1 14.4 43.0



#74

N-ethyl acetate

Concen: 1.094 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Tgt Ion: 43 Resp: 5049

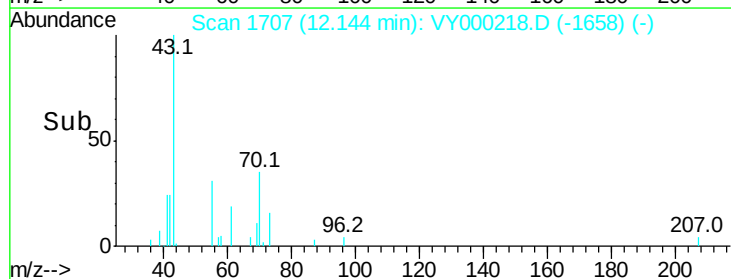
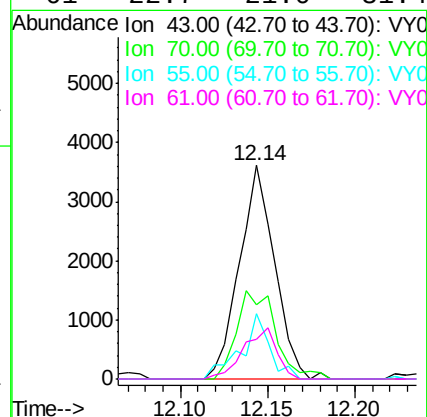
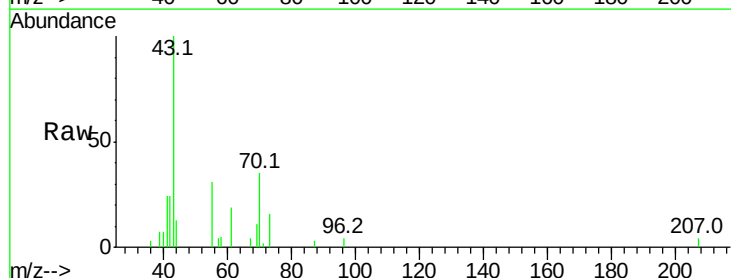
Ion Ratio Lower Upper

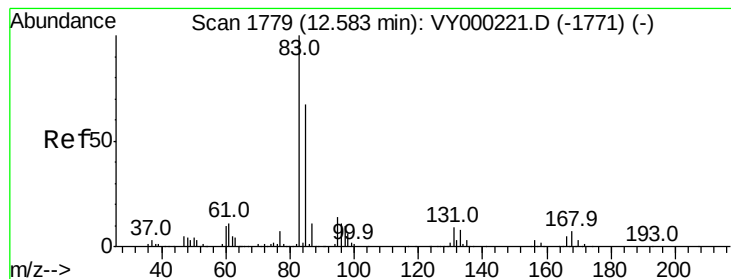
43 100

70 46.1 37.4 56.2

55 24.6 18.6 27.8

61 22.7 21.0 31.4





#75

1,1,2,2-Tetrachloroethane

Concen: 1.209 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC001

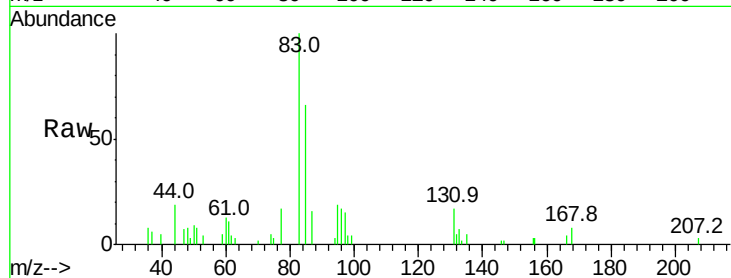
Tgt Ion: 83 Resp: 4582

Ion Ratio Lower Upper

83 100

131 14.4 5.9 17.6

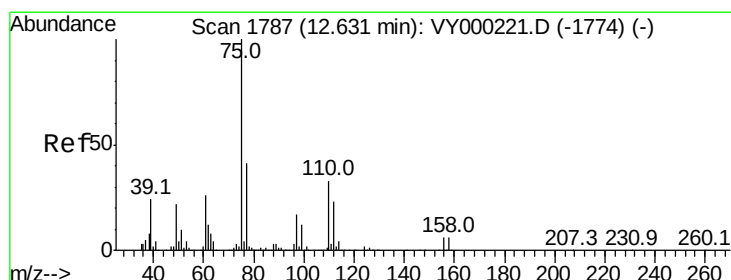
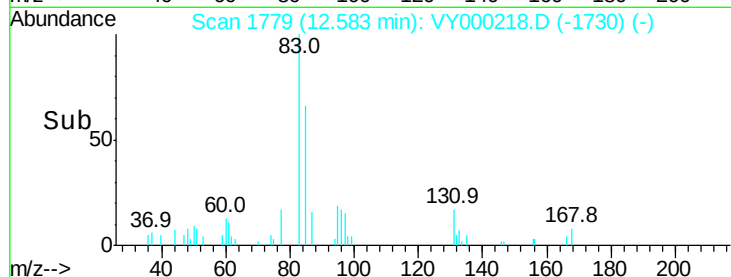
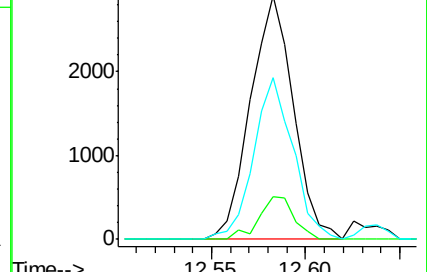
85 61.0 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 1.351 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000218.D

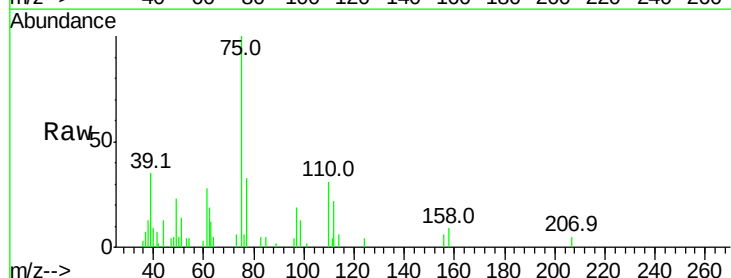
Acq: 08 Oct 2019 12:37

Tgt Ion: 75 Resp: 6958

Ion Ratio Lower Upper

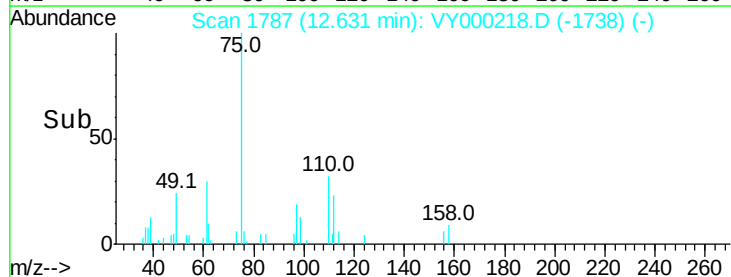
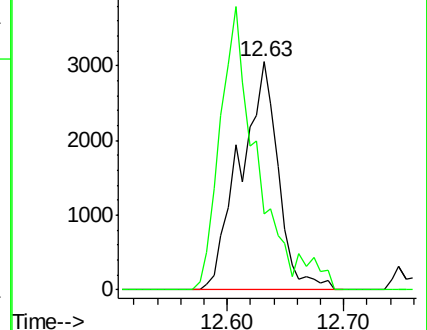
75 100

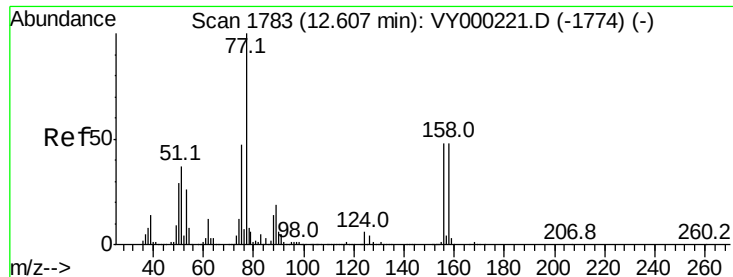
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 1.151 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC001

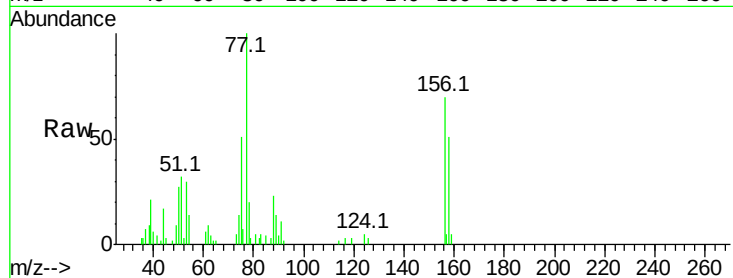
Tgt Ion:156 Resp: 3599

Ion Ratio Lower Upper

156 100

77 218.2 93.3 279.8

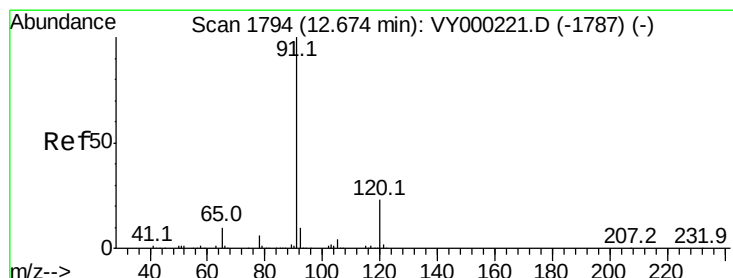
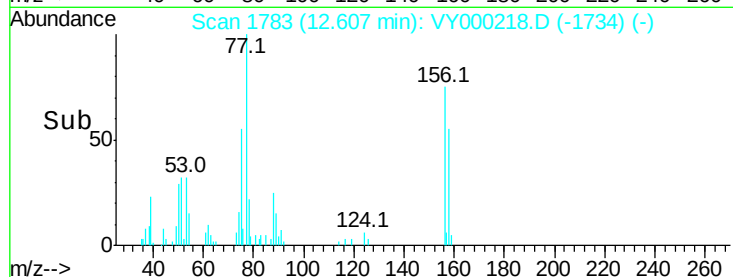
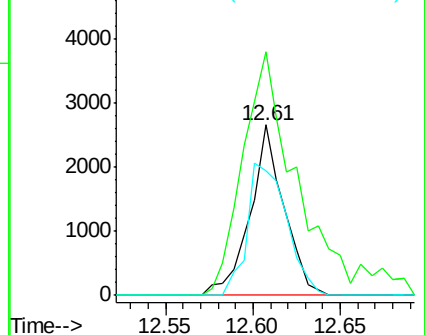
158 89.8 49.3 147.8



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: 1.155 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000218.D

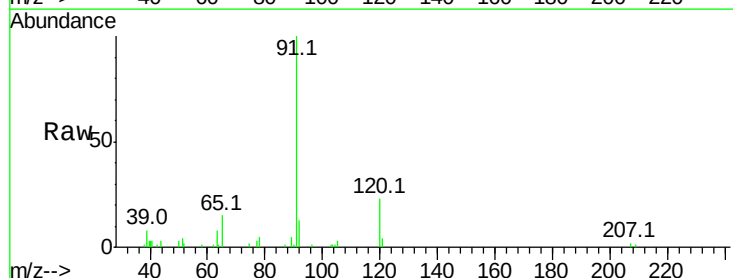
Acq: 08 Oct 2019 12:37

Tgt Ion: 91 Resp: 15672

Ion Ratio Lower Upper

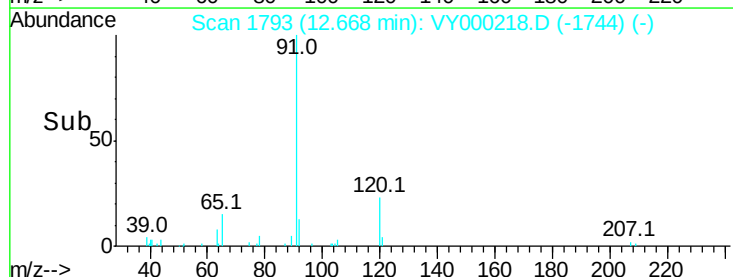
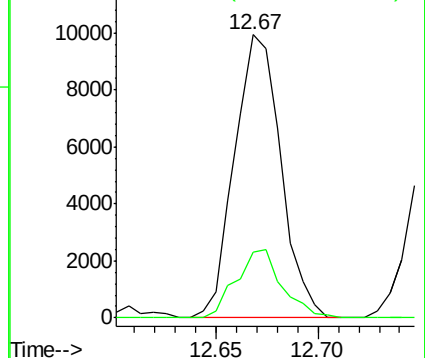
91 100

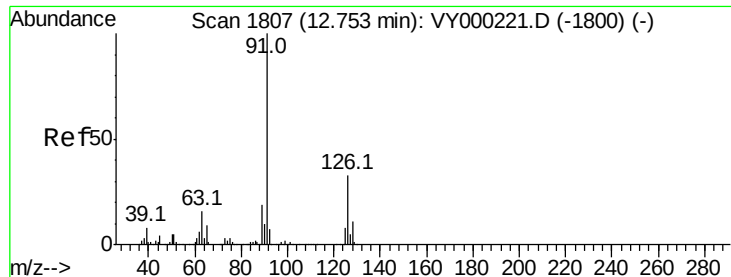
120 23.8 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.294 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

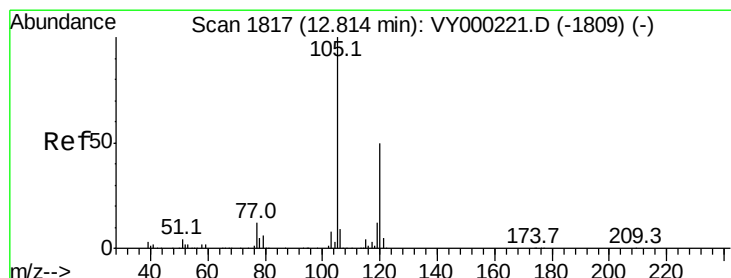
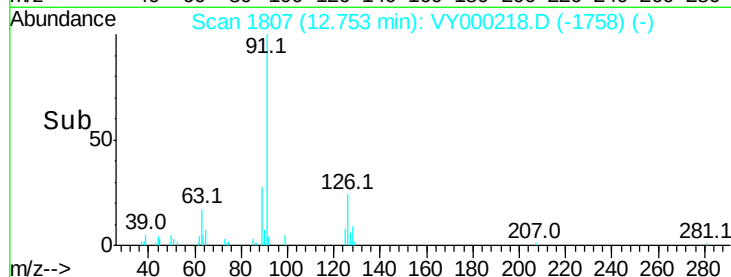
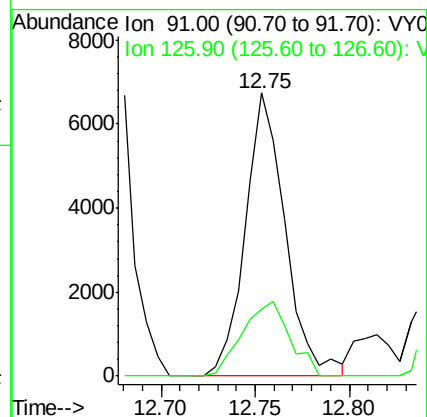
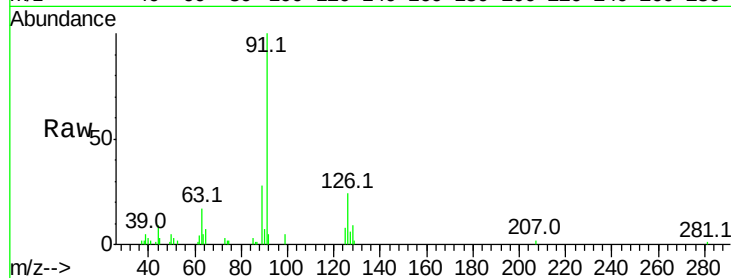
VSTDIC001

Tgt Ion: 91 Resp: 9933

Ion Ratio Lower Upper

91 100

126 31.2 18.9 56.7



#80

1,3,5-Trimethylbenzene

Concen: 1.140 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY000218.D

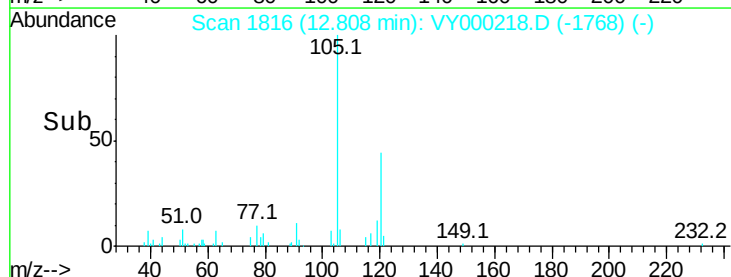
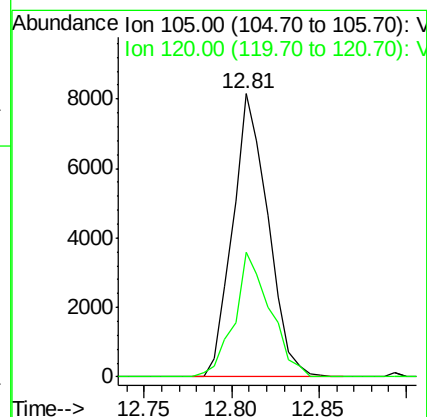
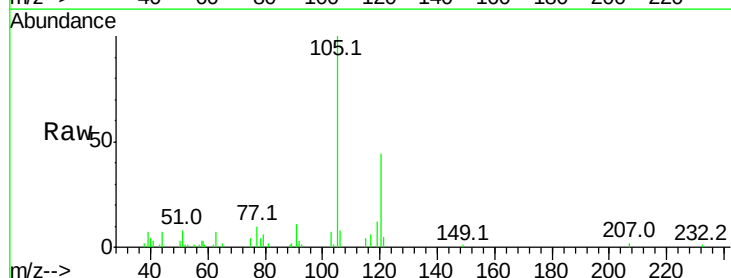
Acq: 08 Oct 2019 12:37

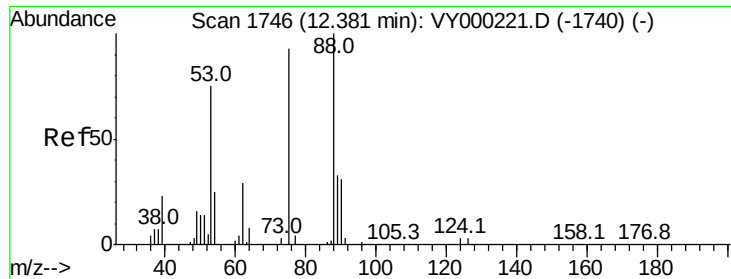
Tgt Ion: 105 Resp: 11423

Ion Ratio Lower Upper

105 100

120 44.6 26.3 78.8





#81

trans-1,4-Dichloro-2-butene

Concen: 1.193 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC001

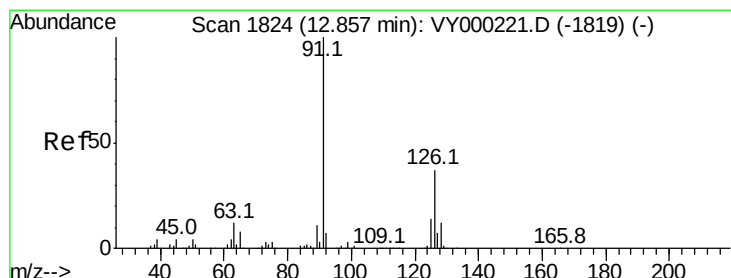
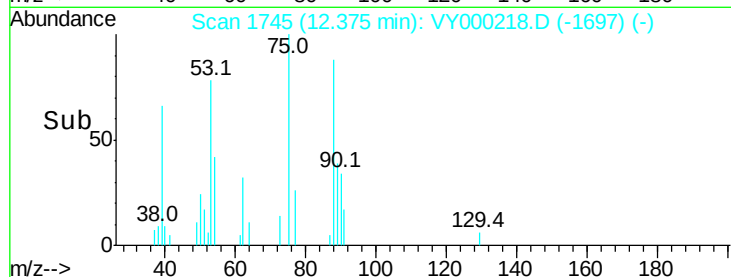
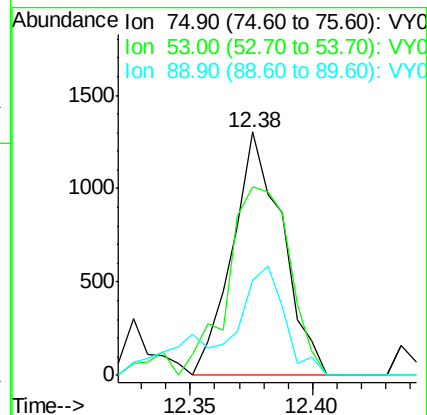
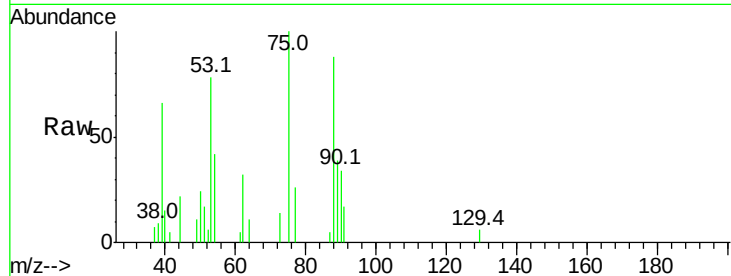
Tgt Ion: 75 Resp: 1849

Ion Ratio Lower Upper

75 100

53 101.4 68.1 102.1

89 40.2 40.6 61.0#



#82

4-Chlorotoluene

Concen: 1.132 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY000218.D

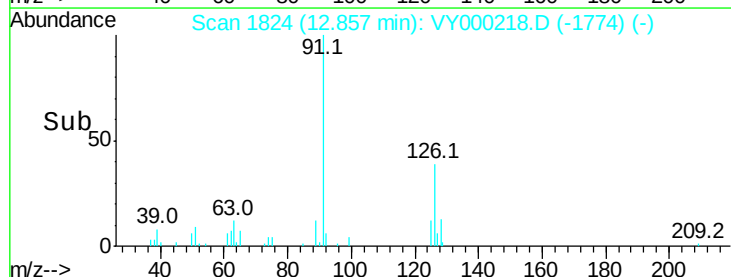
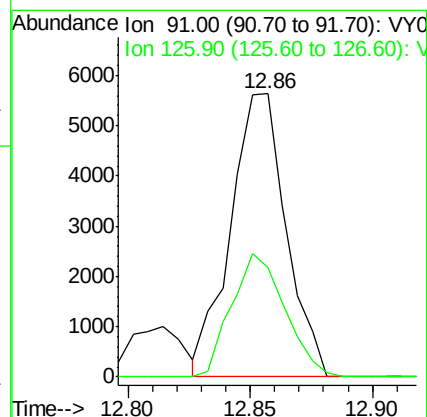
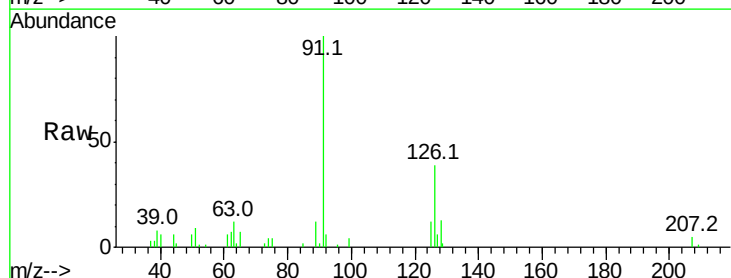
Acq: 08 Oct 2019 12:37

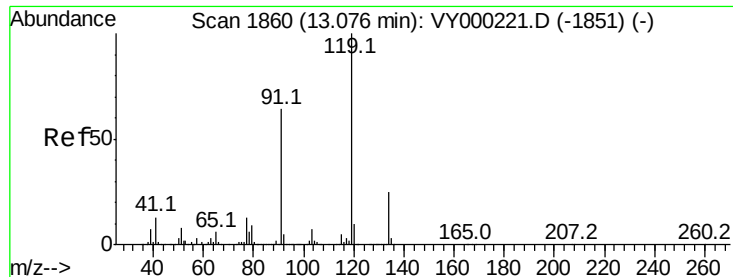
Tgt Ion: 91 Resp: 8883

Ion Ratio Lower Upper

91 100

126 41.8 18.9 56.9





#83

tert-Butylbenzene

Concen: 1.190 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC001

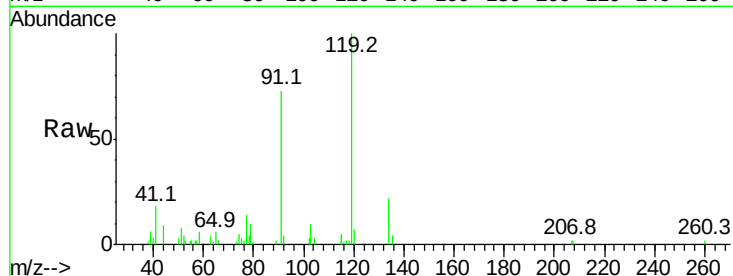
Tgt Ion:119 Resp: 10778

Ion Ratio Lower Upper

119 100

91 66.8 30.4 91.3

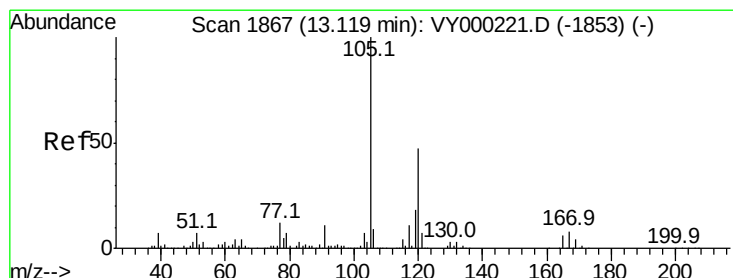
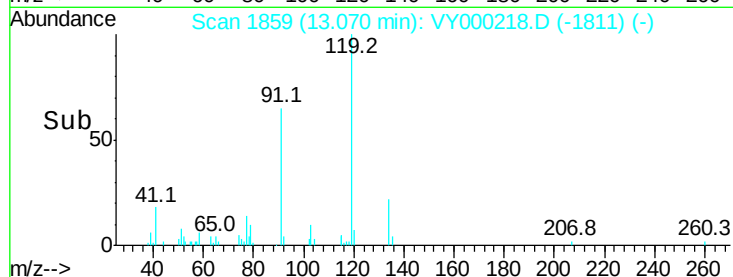
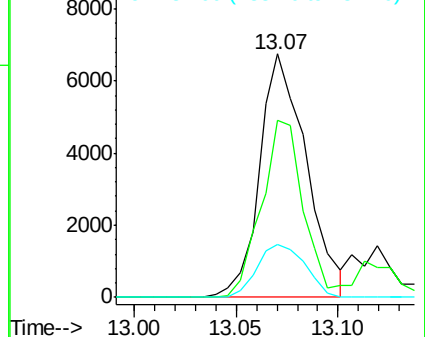
134 22.4 13.7 41.0



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: 1.147 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000218.D

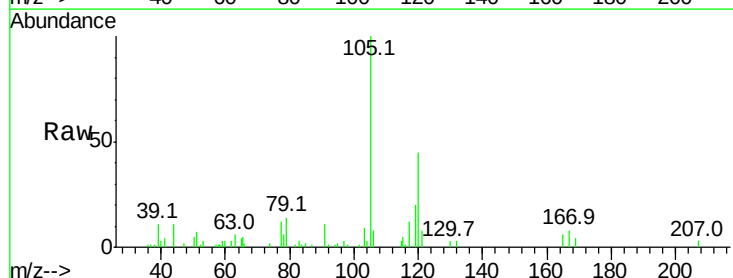
Acq: 08 Oct 2019 12:37

Tgt Ion:105 Resp: 11402

Ion Ratio Lower Upper

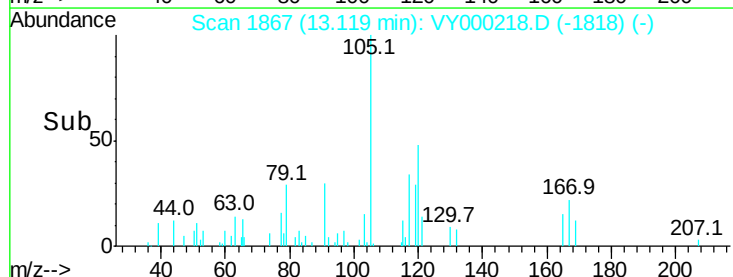
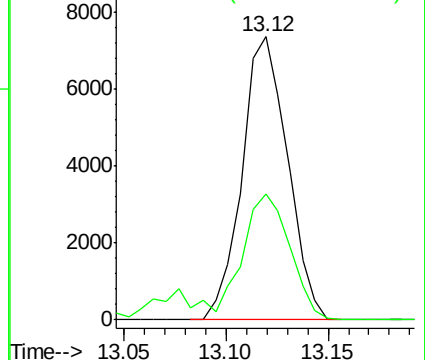
105 100

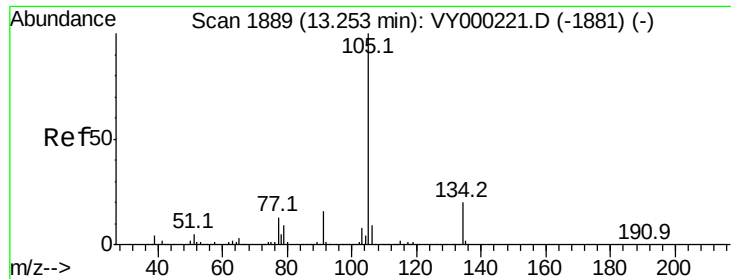
120 45.8 23.6 71.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.130 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

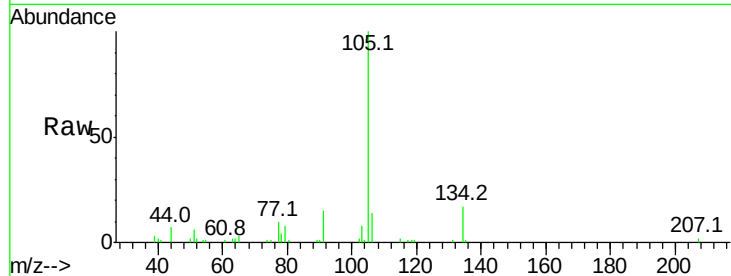
VSTDIC001

Tgt Ion:105 Resp: 13865

Ion Ratio Lower Upper

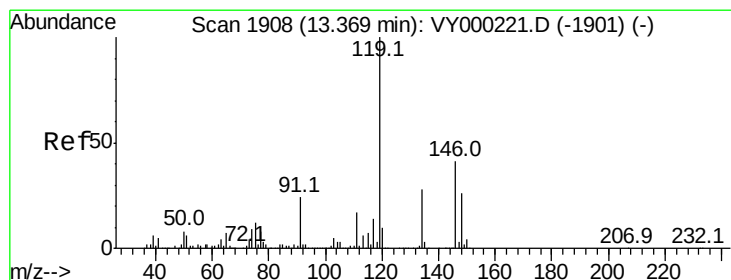
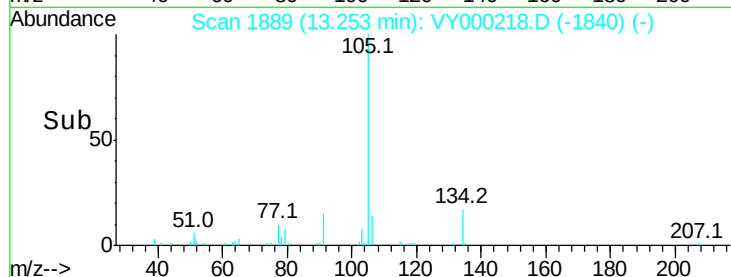
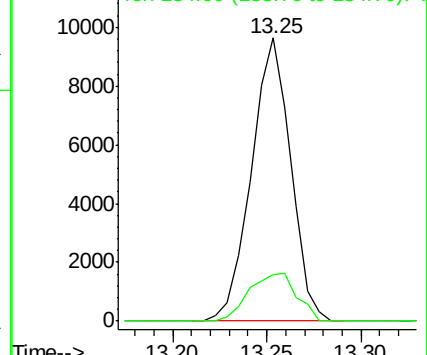
105 100

134 20.6 11.0 33.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.036 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

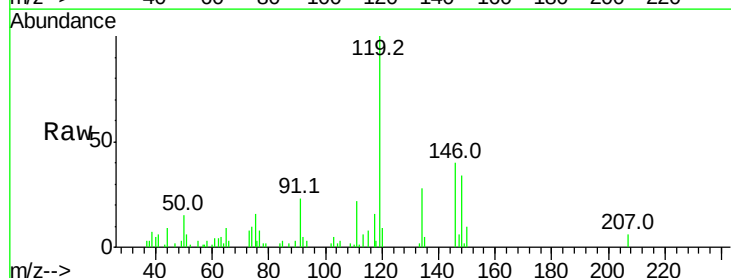
Tgt Ion:119 Resp: 11551

Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.1

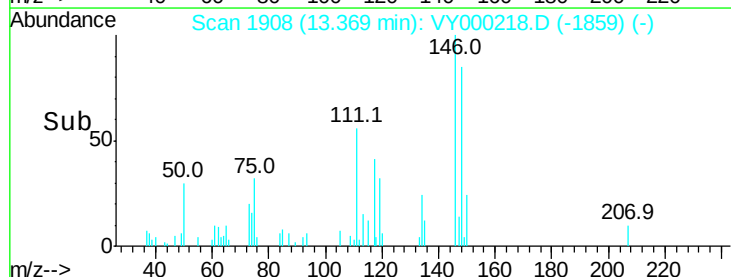
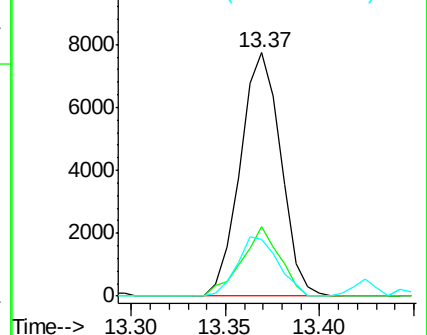
91 24.7 10.9 32.9

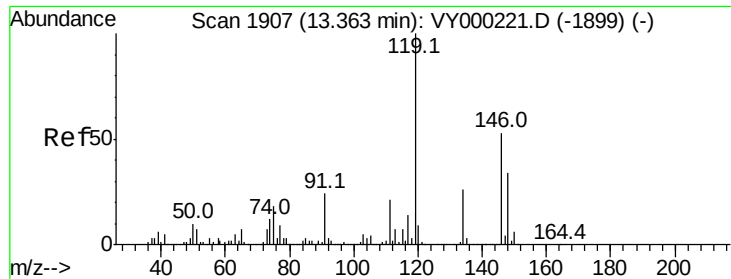


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 0.954 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

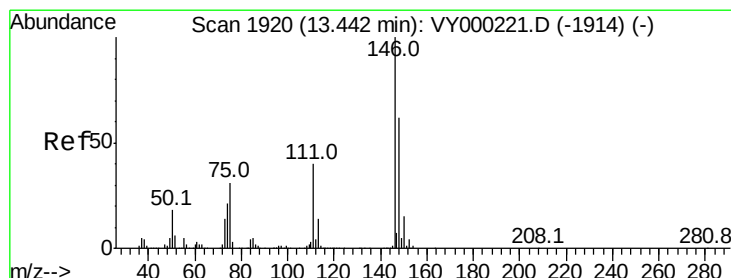
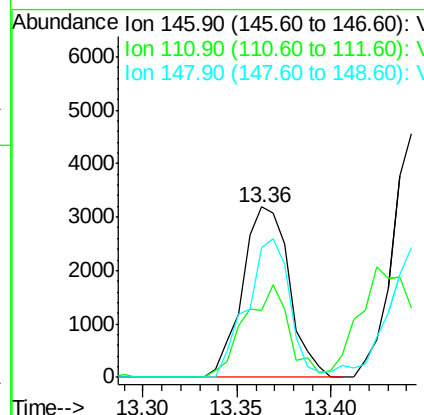
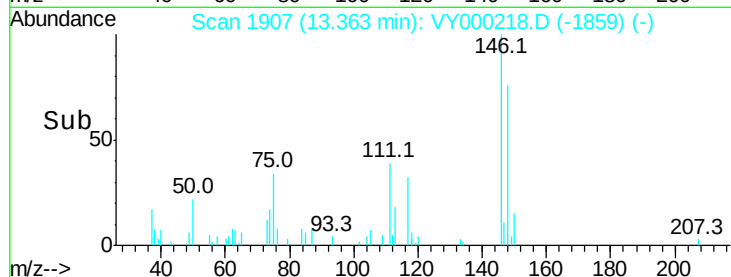
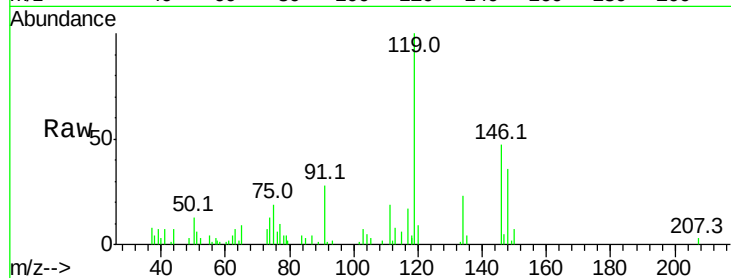
Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC001

Tgt Ion:146 Resp: 5493

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 51.4  | 18.0  | 54.0  |
| 148 | 74.1  | 31.9  | 95.5  |



#88

1,4-Dichlorobenzene

Concen: 0.947 ug/l

RT: 13.36 min Scan# 1907

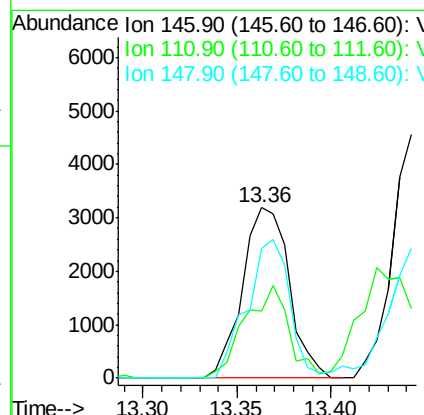
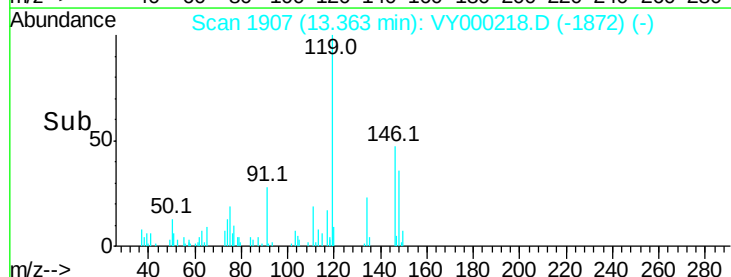
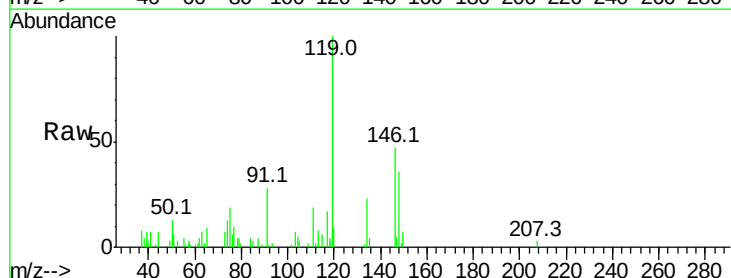
Delta R.T. -0.09 min

Lab File: VY000218.D

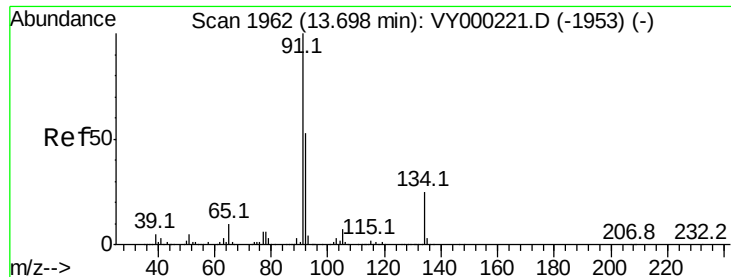
Acq: 08 Oct 2019 12:37

Tgt Ion:146 Resp: 5493

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 51.4  | 18.1  | 54.1  |
| 148 | 74.1  | 31.9  | 95.7  |



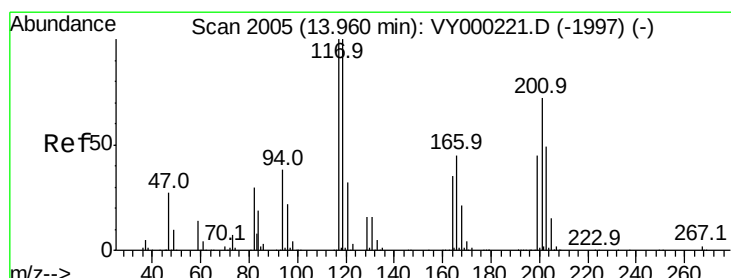
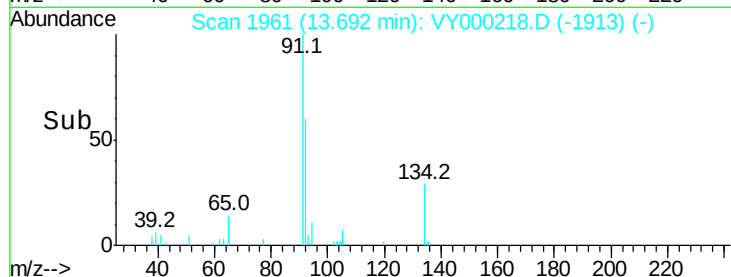
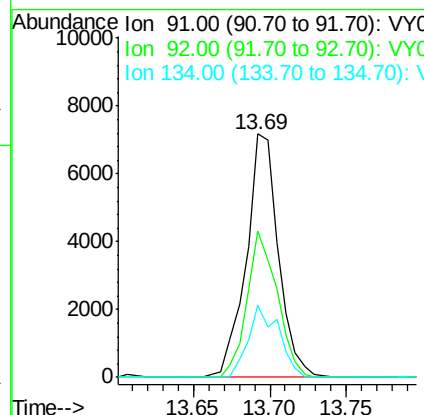
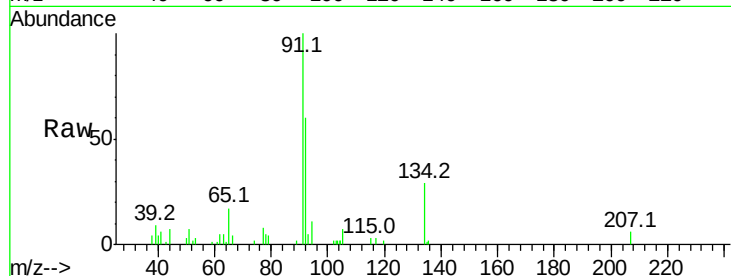




#89  
n-Butylbenzene  
Concen: 1.068 ug/l  
RT: 13.69 min Scan# 1961  
Delta R.T. -0.01 min  
Lab File: VY000218.D  
Acq: 08 Oct 2019 12:37

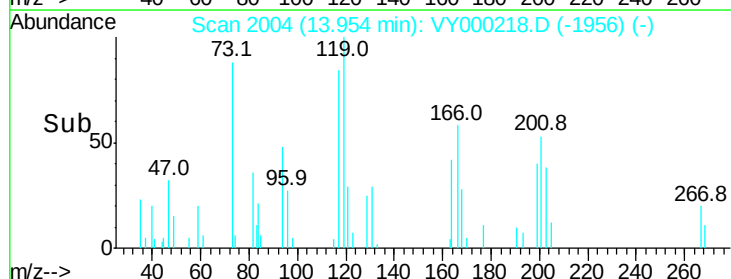
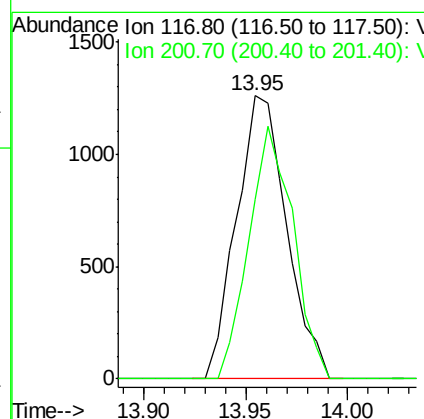
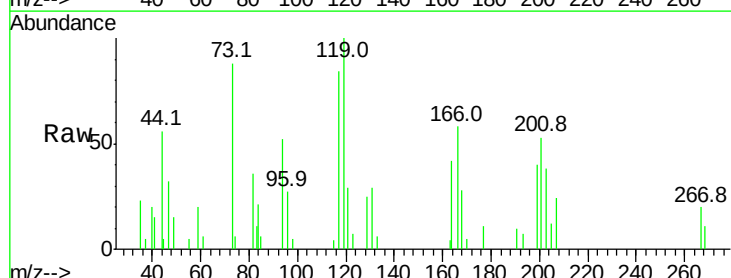
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC001

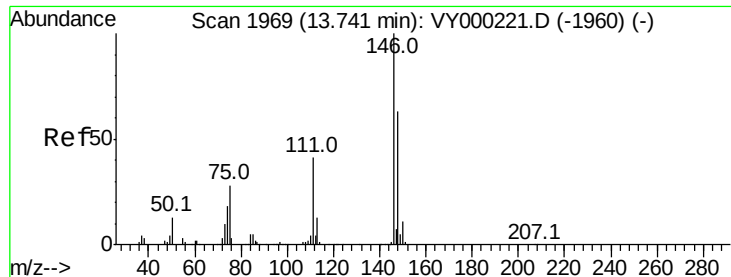
Tgt Ion: 91 Resp: 10454  
Ion Ratio Lower Upper  
91 100  
92 56.6 27.0 81.0  
134 28.0 14.6 44.0



#90  
Hexachloroethane  
Concen: 1.028 ug/l  
RT: 13.95 min Scan# 2004  
Delta R.T. -0.01 min  
Lab File: VY000218.D  
Acq: 08 Oct 2019 12:37

Tgt Ion: 117 Resp: 2157  
Ion Ratio Lower Upper  
117 100  
201 78.6 41.2 123.6

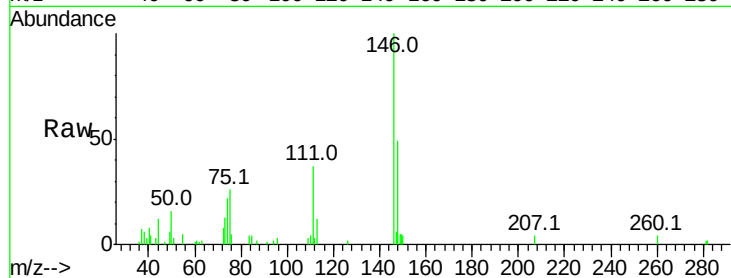




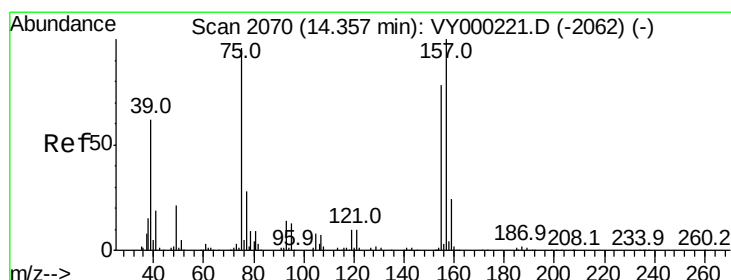
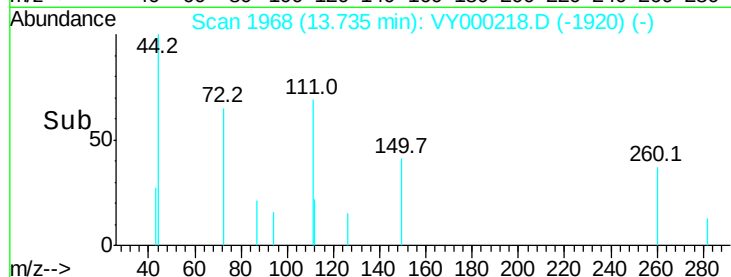
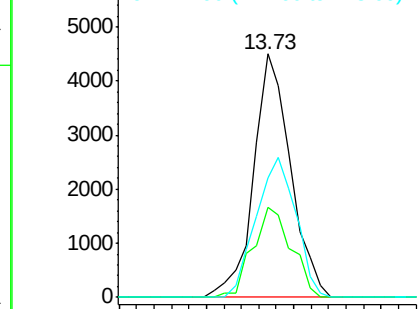
#91  
 1,2-Dichlorobenzene  
 Concen: 1.179 ug/l  
 RT: 13.73 min Scan# 1968  
 Delta R.T. -0.01 min  
 Lab File: VY000218.D  
 Acq: 08 Oct 2019 12:37

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC001

Tgt Ion:146 Resp: 6596  
 Ion Ratio Lower Upper  
 146 100  
 111 38.6 19.5 58.5  
 148 62.1 31.4 94.3

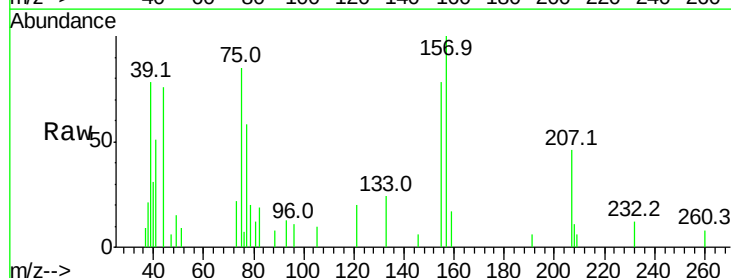


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

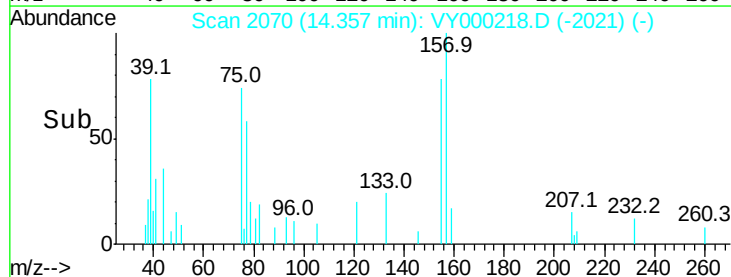
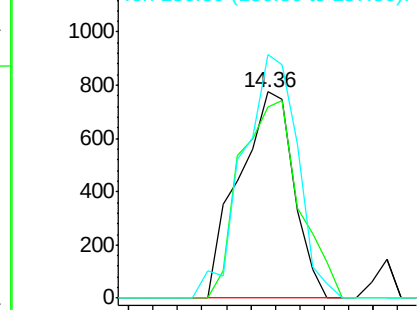


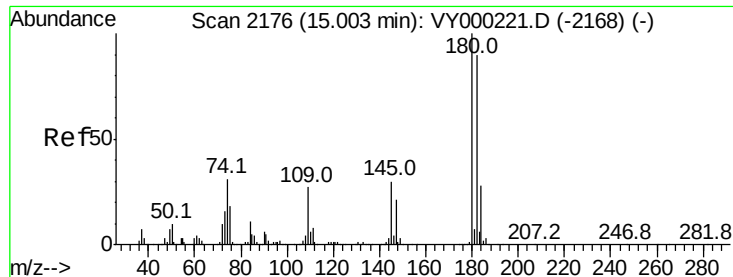
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.981 ug/l  
 RT: 14.36 min Scan# 2070  
 Delta R.T. -0.00 min  
 Lab File: VY000218.D  
 Acq: 08 Oct 2019 12:37

Tgt Ion: 75 Resp: 1212  
 Ion Ratio Lower Upper  
 75 100  
 155 103.1 52.0 156.0  
 157 116.2 65.8 197.3



Abundance Ion 74.90 (74.60 to 75.60): VY0  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V

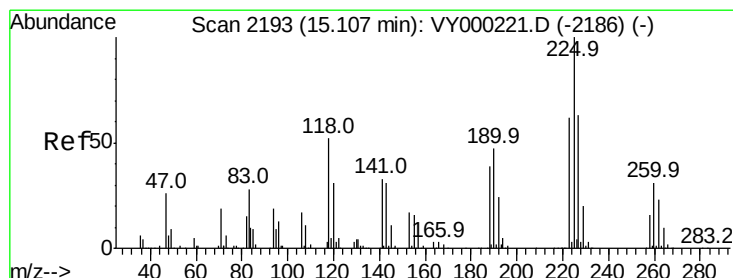
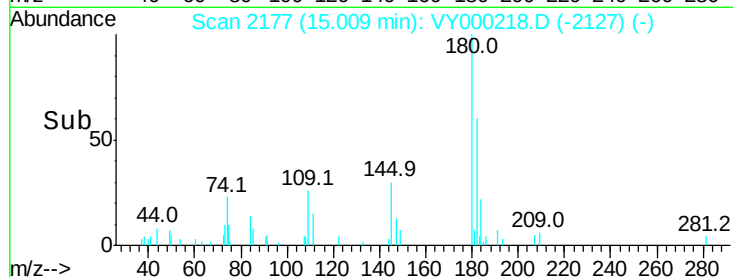
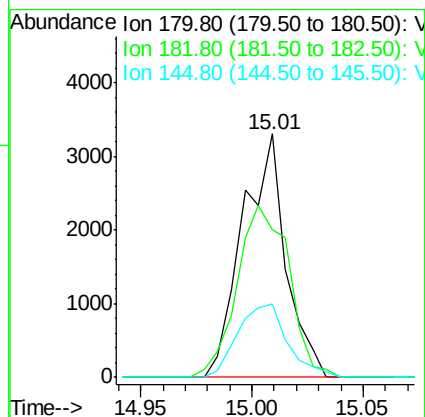
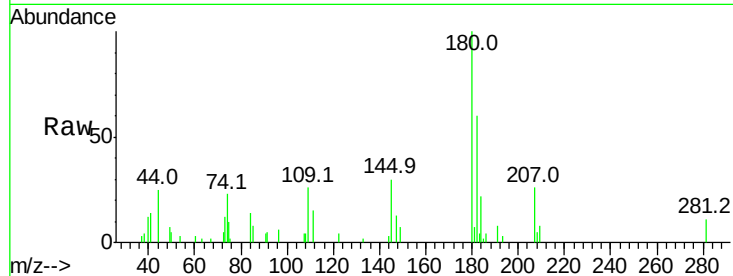




#93  
 1,2,4-Trichlorobenzene  
 Concen: 1.113 ug/l  
 RT: 15.01 min Scan# 2177  
 Delta R.T. 0.01 min  
 Lab File: VY000218.D  
 Acq: 08 Oct 2019 12:37

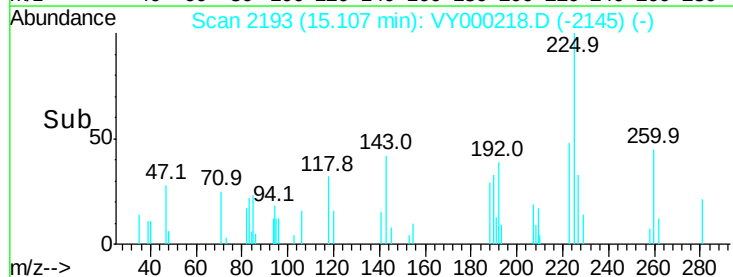
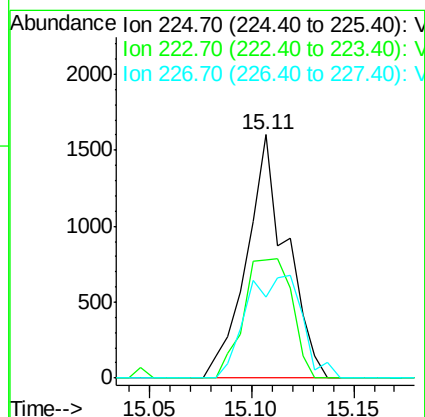
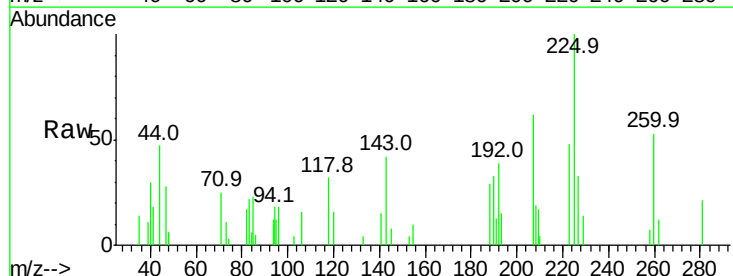
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC001

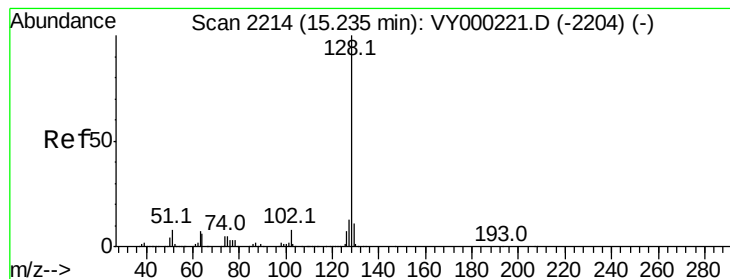
Tgt Ion:180 Resp: 4477  
 Ion Ratio Lower Upper  
 180 100  
 182 84.7 47.4 142.2  
 145 34.5 14.1 42.3



#94  
 Hexachlorobutadiene  
 Concen: 1.015 ug/l  
 RT: 15.11 min Scan# 2193  
 Delta R.T. -0.01 min  
 Lab File: VY000218.D  
 Acq: 08 Oct 2019 12:37

Tgt Ion:225 Resp: 2183  
 Ion Ratio Lower Upper  
 225 100  
 223 59.0 31.9 95.5  
 227 58.6 32.5 97.5





#95

Naphthalene

Concen: 1.103 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC001

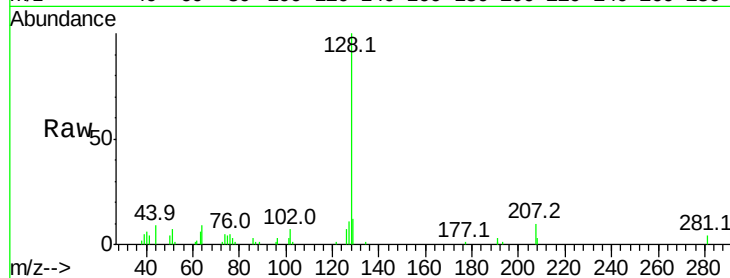
Tgt Ion:128 Resp: 15002

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

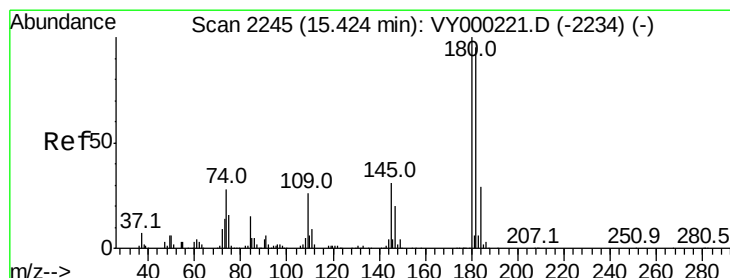
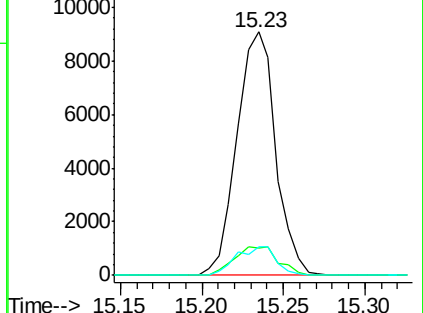
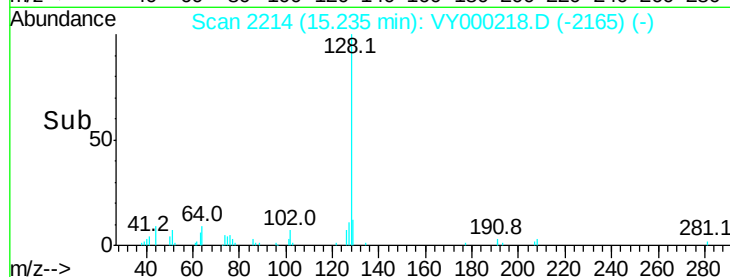
129 12.5 8.7 13.1



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: 0.968 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY000218.D

Acq: 08 Oct 2019 12:37

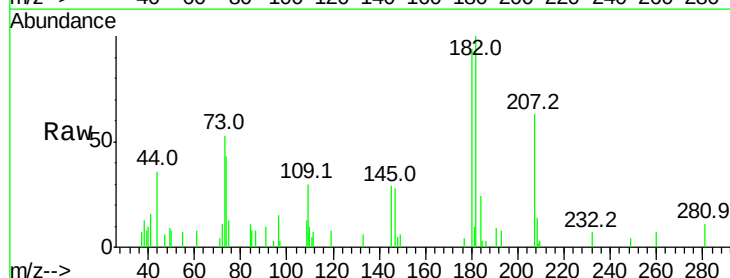
Tgt Ion:180 Resp: 3887

Ion Ratio Lower Upper

180 100

182 95.5 48.3 144.8

145 34.6 14.9 44.9



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

