

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\  
 Data File : VW002284.D  
 Acq On : 08 May 2018 02:16  
 Operator : JC/SY  
 Sample : VSTDICC150  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICC150

Quant Time: May 08 03:37:22 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_W\METHOD\82W050818S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 08 03:17:21 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 251927   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 388214   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 370377   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 198152   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 421147   | 192.84 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 385.68% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 384193   | 157.72 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 315.44% |      |
| 50) Toluene-d8            | 10.33  | 98  | 1509031  | 166.01 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 332.02% |      |
| 62) 4-Bromofluorobenzene  | 12.63  | 95  | 555020   | 157.46 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 314.92% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 150752  | 77.69   | ug/l   | 96     |
| 3) Chloromethane              | 2.21 | 50  | 279521  | 153.16  | ug/l   | 100    |
| 4) Vinyl Chloride             | 2.36 | 62  | 502816  | 245.31  | ug/l   | 100    |
| 5) Bromomethane               | 2.76 | 94  | 414340  | 253.98  | ug/l   | 97     |
| 6) Chloroethane               | 2.91 | 64  | 355142  | 286.86  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.24 | 101 | 215249  | 63.04   | ug/l   | 94     |
| 8) Diethyl Ether              | 3.67 | 74  | 214383  | 219.34  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.04 | 101 | 336391  | 147.20  | ug/l   | 100    |
| 10) Methyl Iodide             | 4.26 | 142 | 564894  | 221.04  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.18 | 59  | 147727  | 1087.23 | ug/l # | 83     |
| 12) 1,1-Dichloroethene        | 4.03 | 96  | 344381  | 174.29  | ug/l   | 99     |
| 13) Acrolein                  | 3.89 | 56  | 123313  | 1125.14 | ug/l   | 99     |
| 14) Allyl chloride            | 4.65 | 41  | 531496  | 215.94  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.37 | 53  | 448292  | 1212.86 | ug/l   | 99     |
| 16) Acetone                   | 4.12 | 43  | 385883  | 887.71  | ug/l   | 96     |
| 17) Carbon Disulfide          | 4.37 | 76  | 1010878 | 163.03  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.67 | 43  | 244791  | 256.14  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73  | 616770  | 153.80  | ug/l   | 98     |
| 20) Methylene Chloride        | 4.90 | 84  | 351451  | 143.12  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.41 | 96  | 372473  | 168.96  | ug/l   | 99     |
| 22) Diisopropyl ether         | 6.31 | 45  | 1183767 | 240.90  | ug/l   | 99     |
| 23) Vinyl Acetate             | 6.25 | 43  | 3707422 | 1417.07 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 679492  | 189.52  | ug/l   | 98     |
| 25) 2-Butanone                | 7.17 | 43  | 620406  | 1282.32 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 7.16 | 77  | 325703  | 97.21   | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.16 | 96  | 421783  | 180.76  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 309218  | 245.59  | ug/l # | 97     |
| 29) Tetrahydrofuran           | 7.53 | 42  | 415013  | 1475.41 | ug/l   | 98     |
| 30) Chloroform                | 7.67 | 83  | 707990  | 170.74  | ug/l   | 99     |
| 31) Cyclohexane               | 7.95 | 56  | 567451  | 174.68  | ug/l   | 100    |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 537263  | 134.99  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 534038  | 148.58  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.25 | 43  | 273263  | 239.53  | ug/l   | 100    |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 530509  | 122.04  | ug/l   | 99     |

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 VSTDICC150

Quant Time: May 08 03:37:22 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_W\METHOD\82W050818S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 08 03:17:21 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 635562   | 155.34  | ug/l   | 99       |
| 40) Benzene                    | 8.32  | 78   | 1556206  | 156.86  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.49  | 41   | 159448   | 252.12  | ug/l # | 91       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 487315   | 159.29  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 547022   | 241.64  | ug/l   | 98       |
| 44) Trichloroethene            | 9.09  | 130  | 423399   | 135.16  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 391874   | 173.35  | ug/l   | 96       |
| 46) Dibromomethane             | 9.46  | 93   | 224116   | 174.07  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.65  | 83   | 539591   | 156.53  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.44  | 41   | 268488   | 244.92  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 73269    | 3707.65 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.22 | 43   | 1493030  | 1311.31 | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 1023876  | 156.46  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 555981   | 178.58  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 612140   | 171.48  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 311666   | 164.95  | ug/l   | 100      |
| 56) Ethyl methacrylate         | 10.65 | 69   | 433034   | 221.52  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 531744   | 179.67  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 1039868  | 1221.88 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.98 | 43   | 1047727  | 1283.59 | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.13 | 129  | 393979   | 154.99  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 311706   | 177.92  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.87 | 164  | 431944   | 136.89  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.66 | 112  | 1142410  | 145.20  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 425323   | 142.62  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.74 | 91   | 2041216  | 158.91  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.85 | 106  | 1572694  | 304.19  | ug/l   | 100      |
| 69) o-Xylene                   | 12.18 | 106  | 764653   | 164.30  | ug/l   | 99       |
| 70) Styrene                    | 12.19 | 104  | 1309332  | 168.96  | ug/l   | 99       |
| 71) Bromoform                  | 12.36 | 173  | 260284   | 158.56  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.48 | 105  | 2090401  | 170.55  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.28 | 43   | 570077   | 287.05  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 385753   | 206.67  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 295135m  | 220.04  | ug/l   |          |
| 77) Bromobenzene               | 12.76 | 156  | 498788   | 155.56  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.82 | 91   | 2433435  | 169.83  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 1387587  | 164.92  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 1719495  | 160.72  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 117859   | 236.14  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 13.00 | 91   | 1483746  | 156.31  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.22 | 119  | 1497226  | 159.42  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 1793399  | 163.08  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.40 | 105  | 2098785  | 161.17  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 1909235  | 159.43  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 985823   | 150.06  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.59 | 146  | 951926   | 145.22  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.83 | 91   | 1738156  | 162.11  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 339340   | 146.02  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 883317   | 153.90  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.50 | 75   | 67964    | 194.37  | ug/l   | 98       |

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

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC150

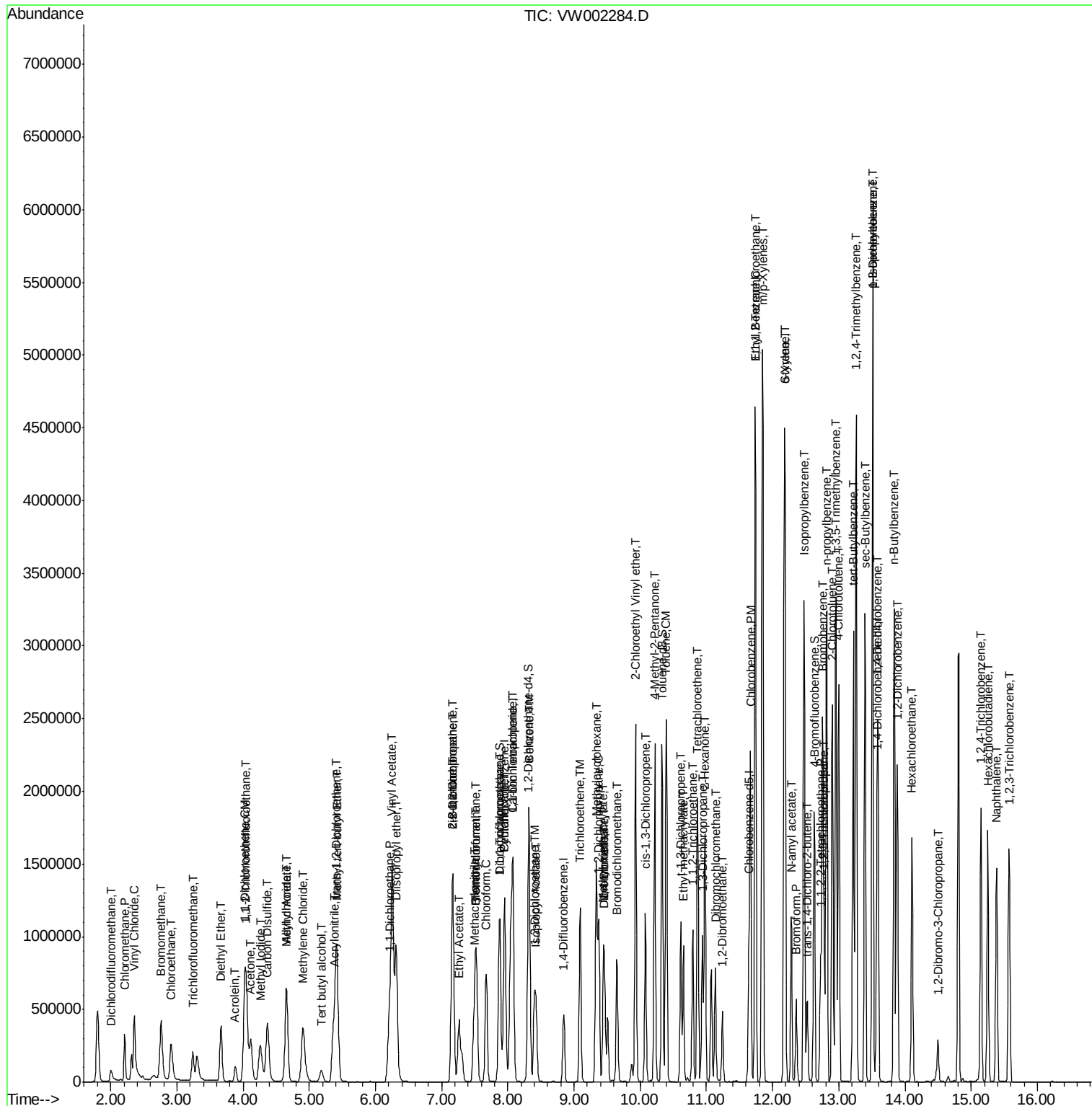
Quant Time: May 08 03:37:22 2018  
Quant Method : W:\HPCHEM1\MSVOA\_W\METHOD\82W050818S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 08 03:17:21 2018  
Response via : Initial Calibration

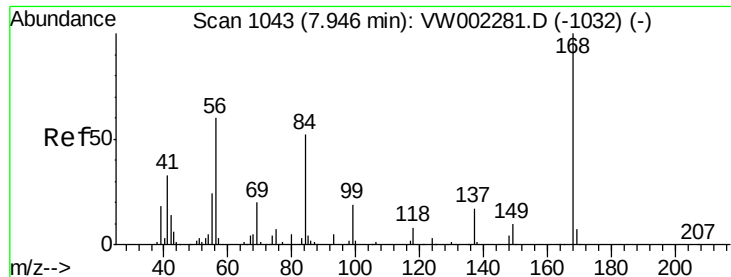
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.15 | 180  | 611379   | 145.72 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.26 | 225  | 328400   | 112.32 | ug/l  | 99       |
| 95) Naphthalene            | 15.38 | 128  | 1224018  | 195.73 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 547723   | 152.73 | ug/l  | 100      |

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

**Instrument :**  
MSVOA\_W  
**ClientSampleId :**  
VSTDICC150

Quant Time: May 08 03:37:22 2018  
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Quant Title : SW846 8260  
QLast Update : Tue May 08 03:17:21 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

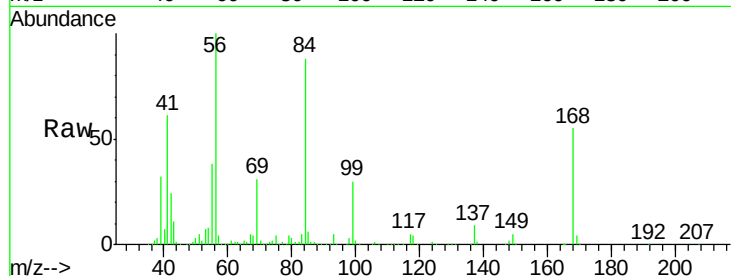
VSTDIC150

Tot Ion:168 Resp: 251927

Ion Ratio Lower Upper

168 100

99 55.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

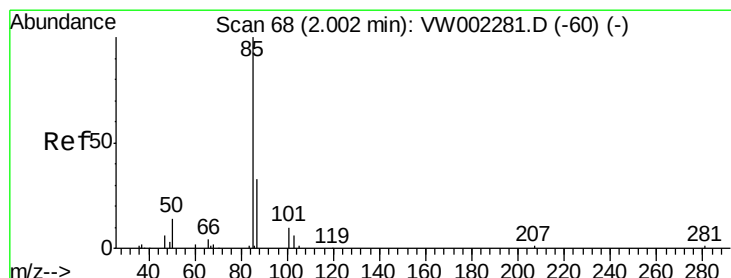
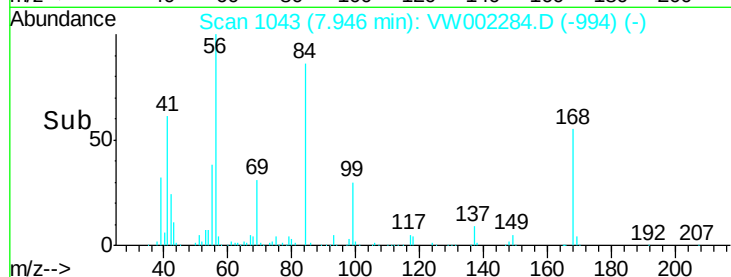
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 77.69 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW002284.D

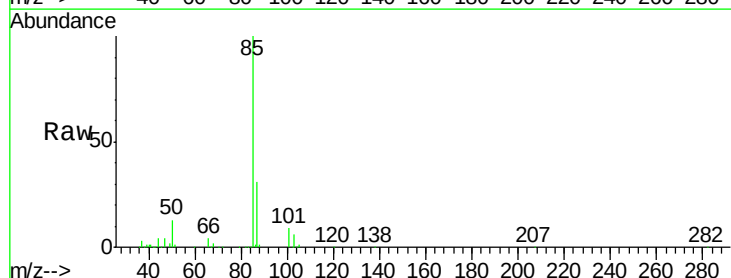
Acq: 08 May 2018 02:16

Tgt Ion: 85 Resp: 150752

Ion Ratio Lower Upper

85 100

87 30.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

50000

40000

30000

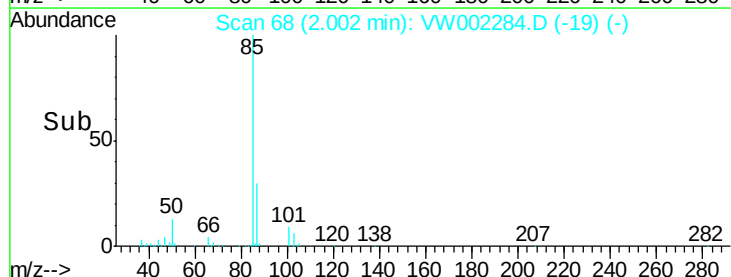
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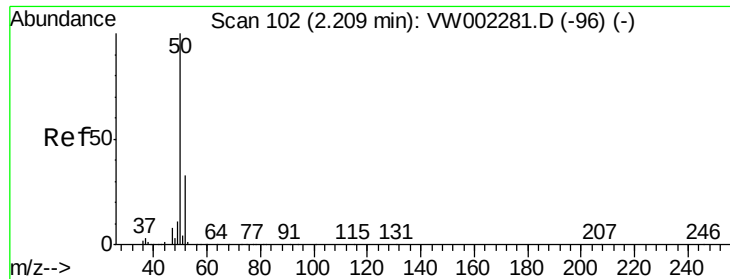
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0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 153.16 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

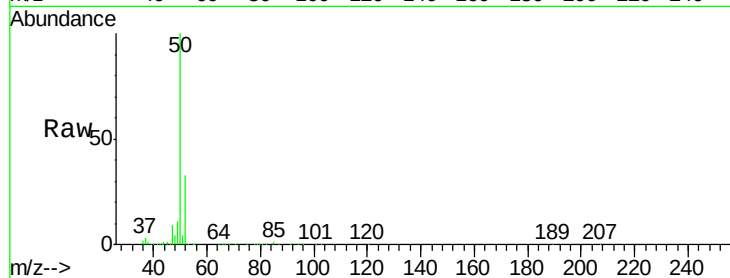
VSTDIC150

Tot Ion: 50 Resp: 279521

Ion Ratio Lower Upper

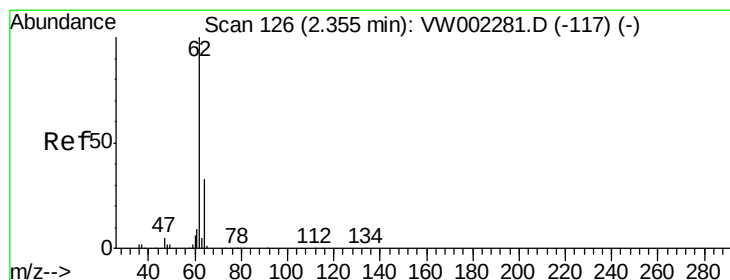
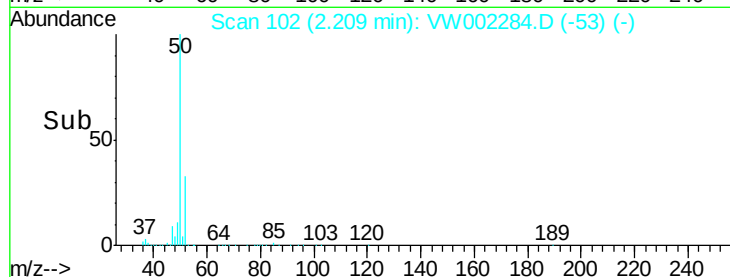
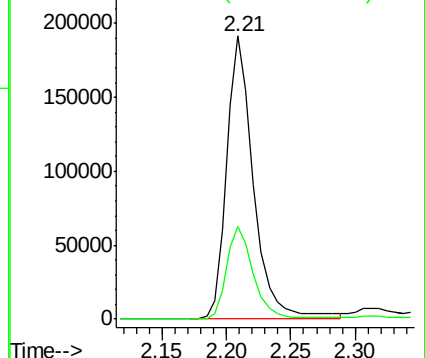
50 100

52 33.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 245.31 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW002284.D

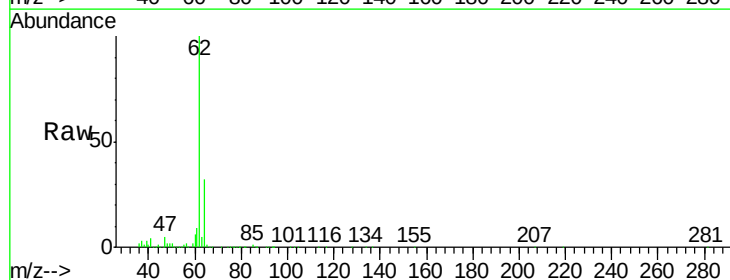
Acq: 08 May 2018 02:16

Tgt Ion: 62 Resp: 502816

Ion Ratio Lower Upper

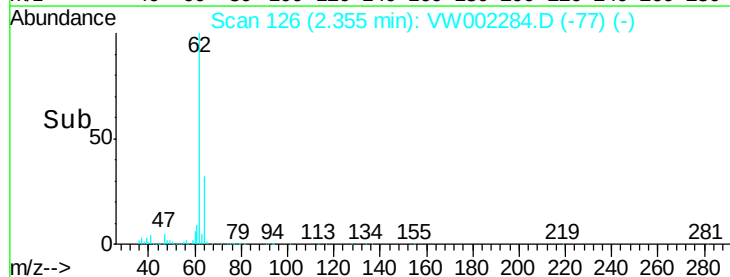
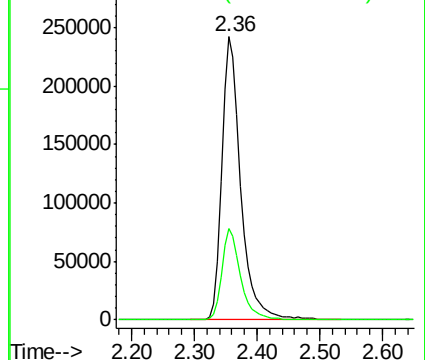
62 100

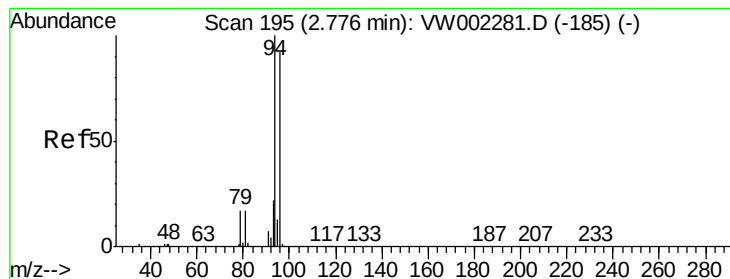
64 32.4 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 253.98 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW002284.D

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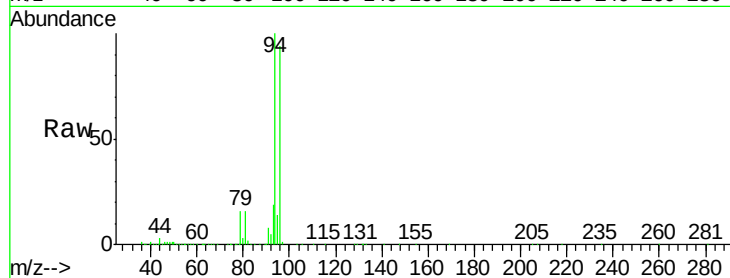
VSTDIC150

Tot Ion: 94 Resp: 414340

Ion Ratio Lower Upper

94 100

96 94.4 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

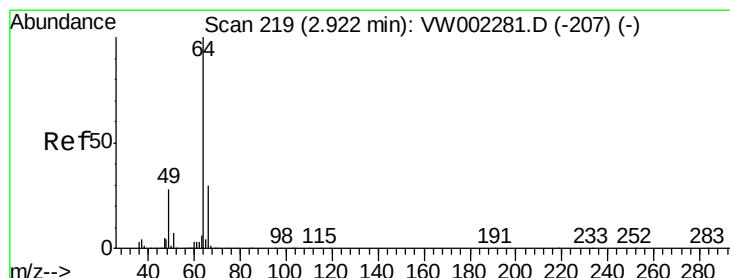
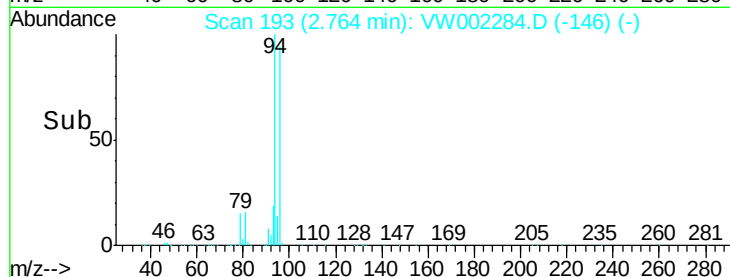
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 286.86 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW002284.D

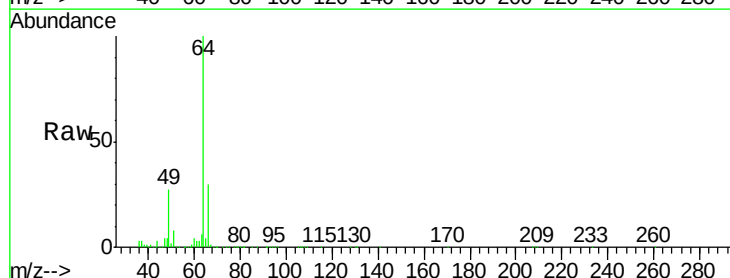
Acq: 08 May 2018 02:16

Tgt Ion: 64 Resp: 355142

Ion Ratio Lower Upper

64 100

66 30.3 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

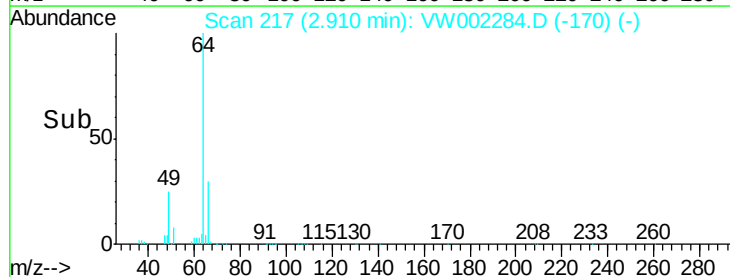
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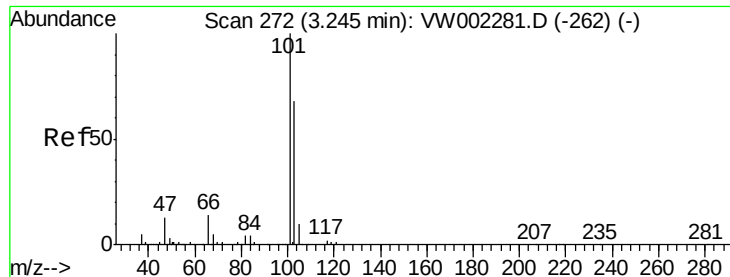
100000

50000

0

Time-->



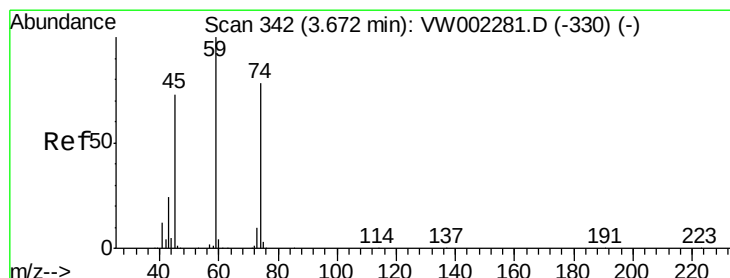
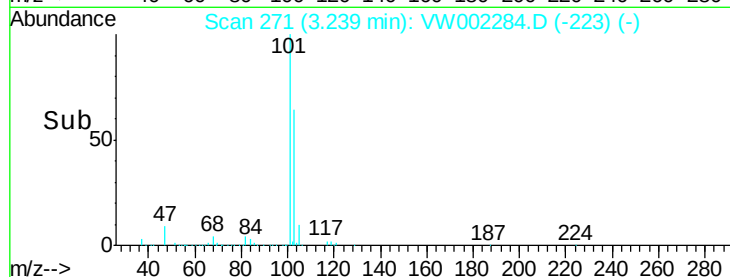
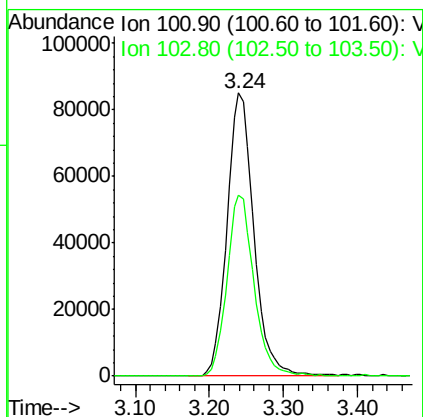
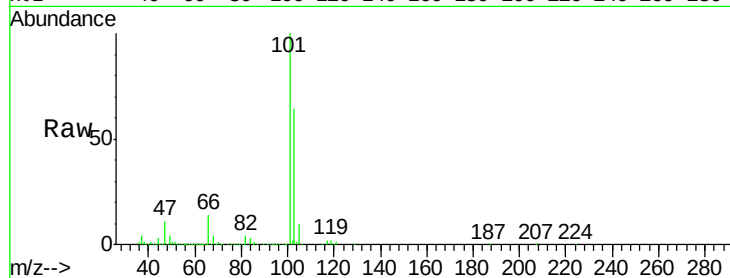


#7

Trichlorofluoromethane  
Concen: 63.04 ug/l  
RT: 3.24 min Scan# 271  
Delta R.T. -0.01 min  
Lab File: VW002284.D  
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MSVOA\_W  
ClientSampleId :  
VSTDIC150

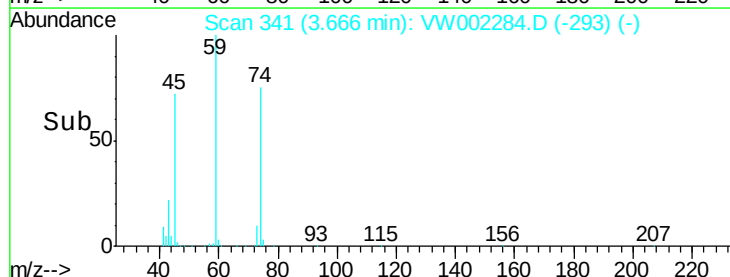
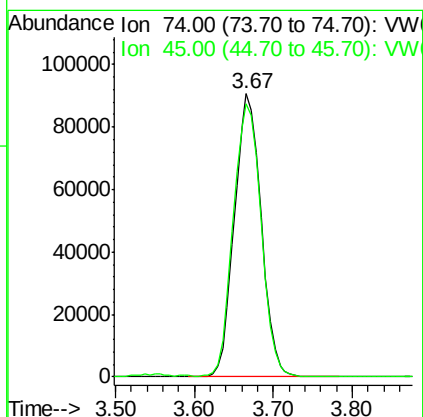
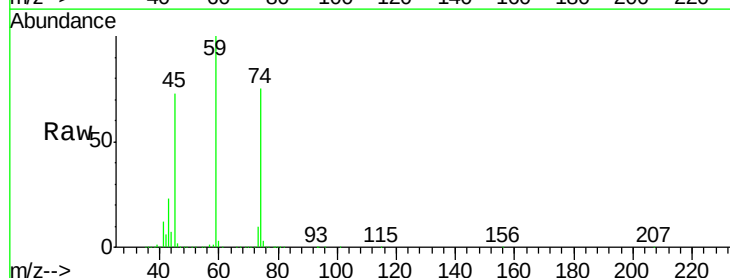
Tot Ion:101 Resp: 215249  
Ion Ratio Lower Upper  
101 100  
103 63.7 54.6 82.0



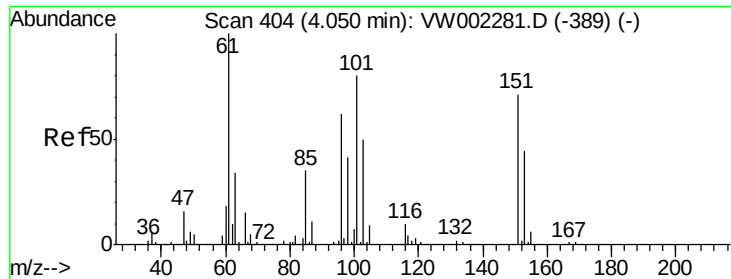
#8

Diethyl Ether  
Concen: 219.34 ug/l  
RT: 3.67 min Scan# 341  
Delta R.T. -0.01 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

Tgt Ion: 74 Resp: 214383  
Ion Ratio Lower Upper  
74 100  
45 100.2 49.5 148.5







#9

1,1,2-Trichlorotrifluoroethane

Concen: 147.20 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

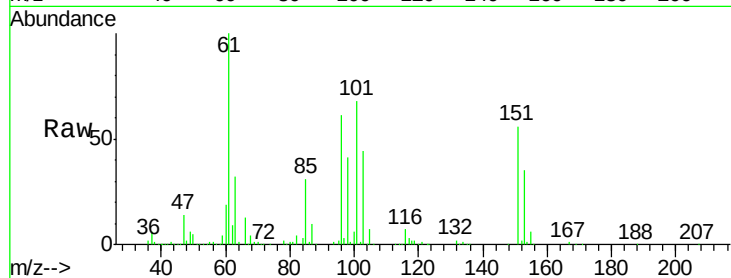
Tot Ion:101 Resp: 336391

Ion Ratio Lower Upper

101 100

85 44.9 35.9 53.9

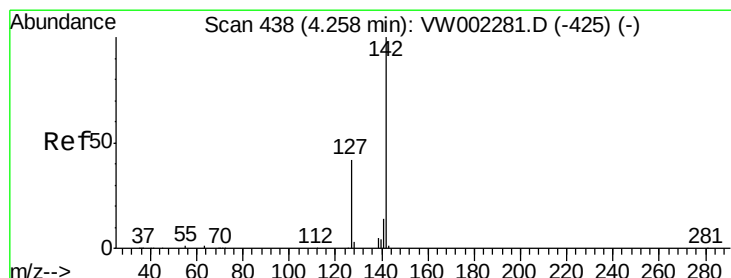
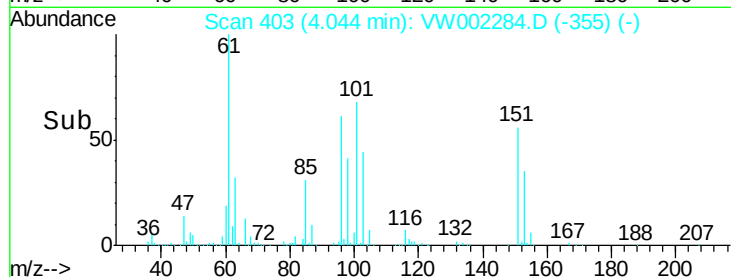
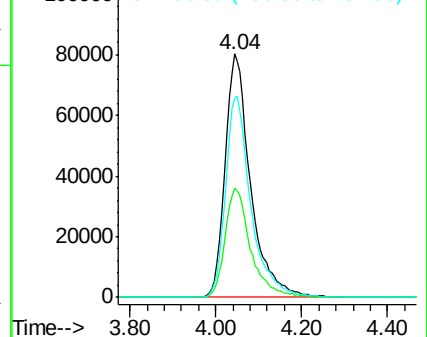
151 82.3 65.4 98.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 221.04 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

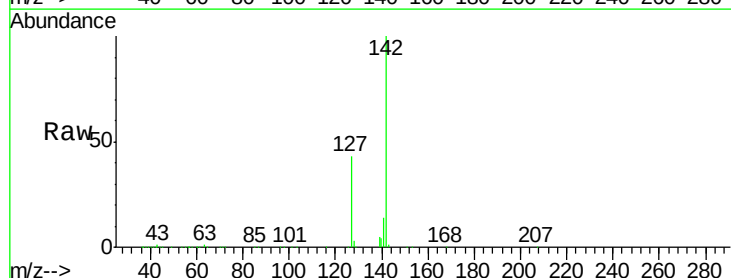
Tgt Ion:142 Resp: 564894

Ion Ratio Lower Upper

142 100

127 43.6 34.7 52.1

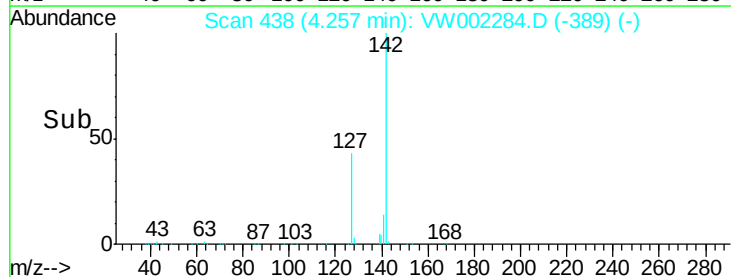
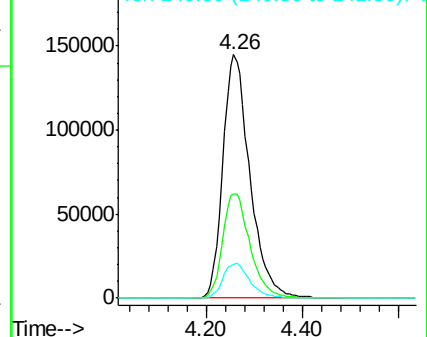
141 14.3 11.9 17.9

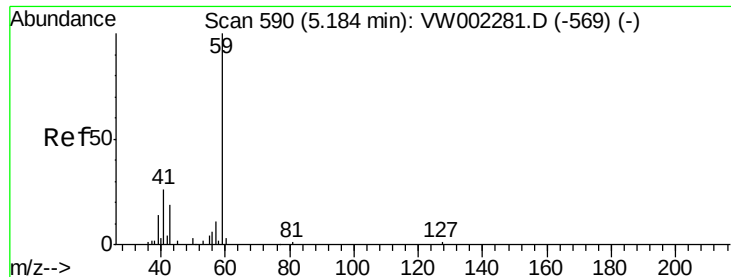


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



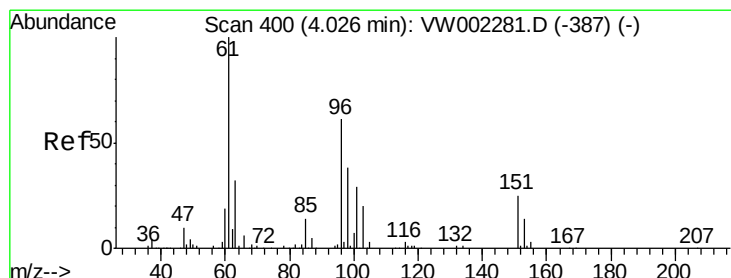
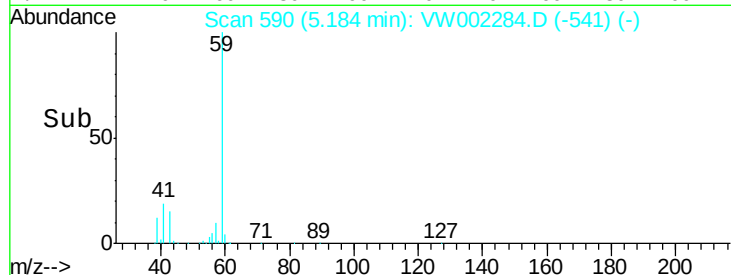
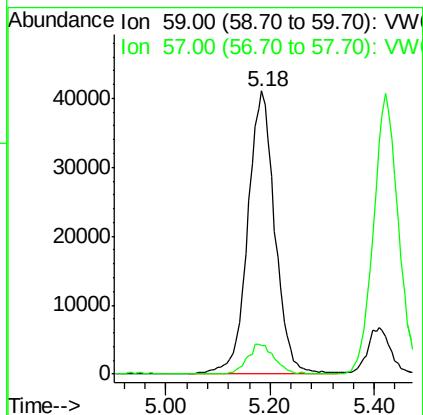
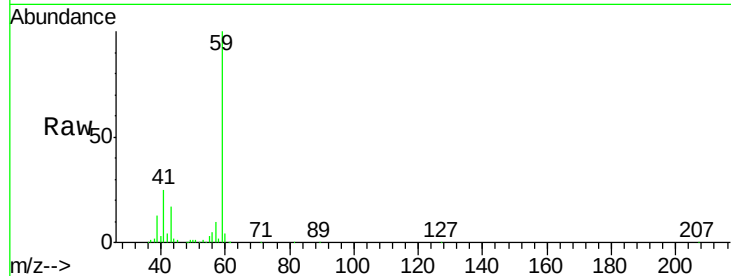


#11

Tert butyl alcohol  
 Concen: 1087.23 ug/l  
 RT: 5.18 min Scan# 590  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

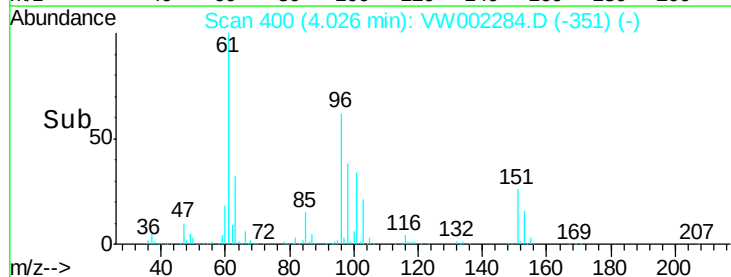
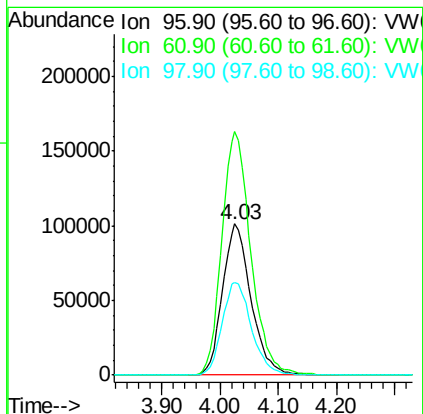
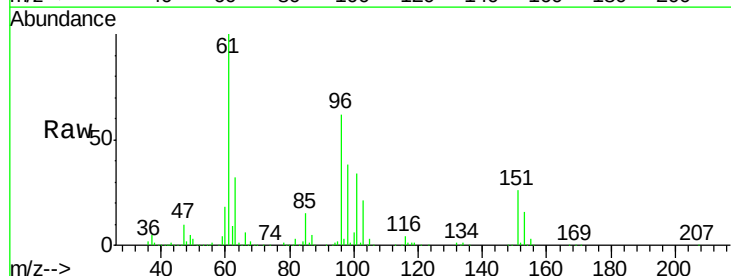
Tot Ion: 59 Resp: 147727  
 Ion Ratio Lower Upper  
 59 100  
 57 10.6 3.9 5.9#

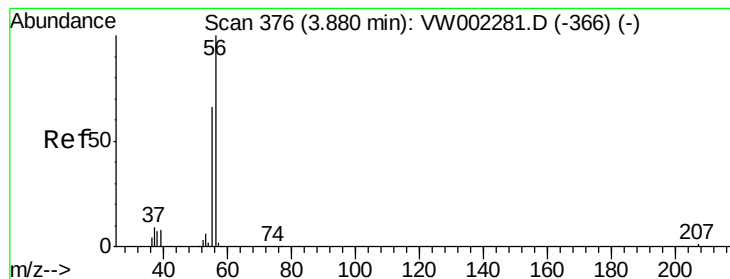


#12

1,1-Dichloroethene  
 Concen: 174.29 ug/l  
 RT: 4.03 min Scan# 400  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

Tgt Ion: 96 Resp: 344381  
 Ion Ratio Lower Upper  
 96 100  
 61 160.9 130.6 196.0  
 98 61.5 49.0 73.4





#13

Acrolein

Concen: 1125.14 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.01 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

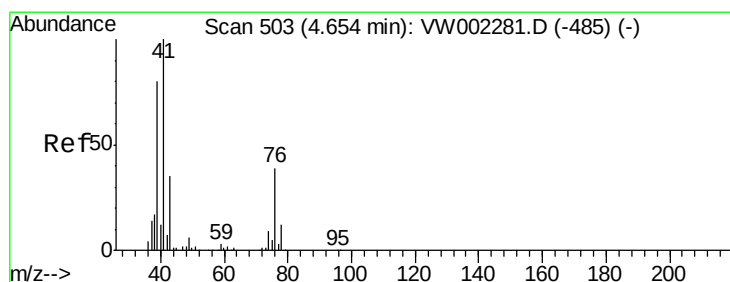
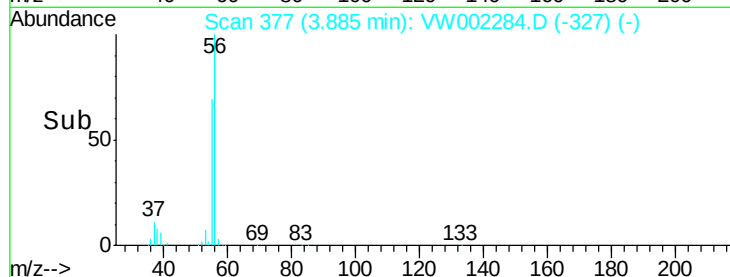
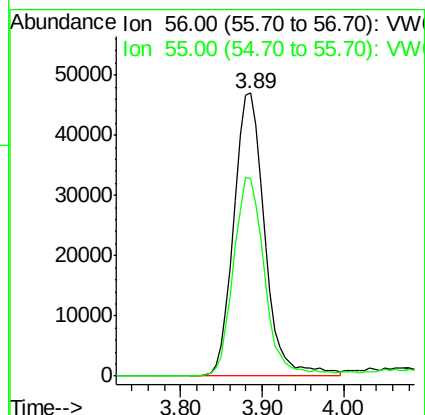
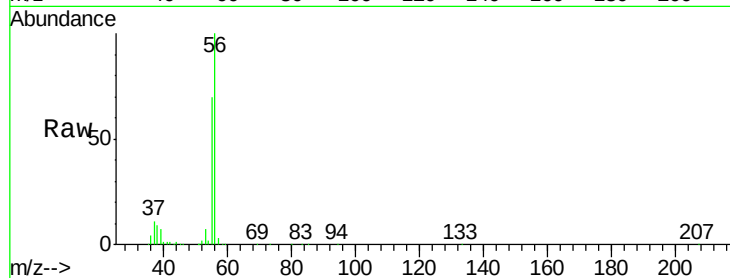
VSTDIC150

Tot Ion: 56 Resp: 123313

Ion Ratio Lower Upper

56 100

55 70.6 57.3 85.9



#14

Allyl chloride

Concen: 215.94 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

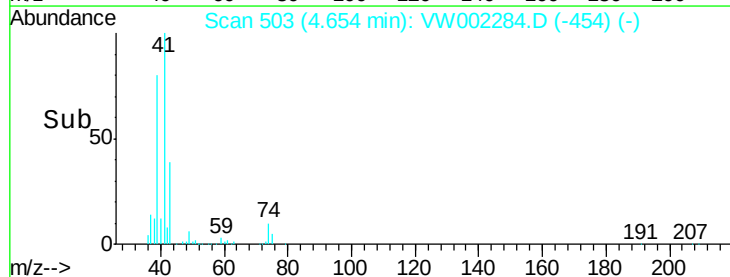
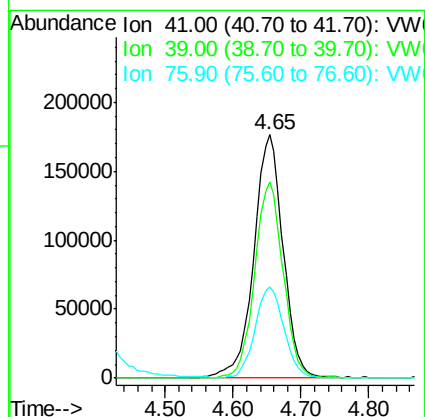
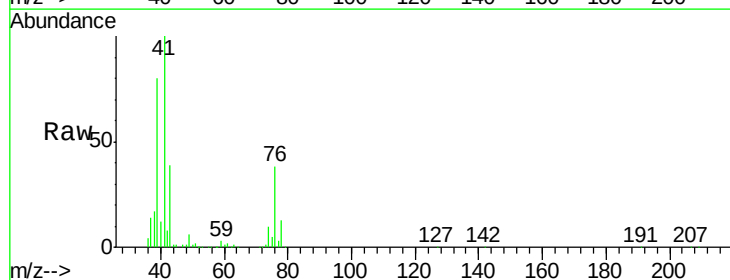
Tgt Ion: 41 Resp: 531496

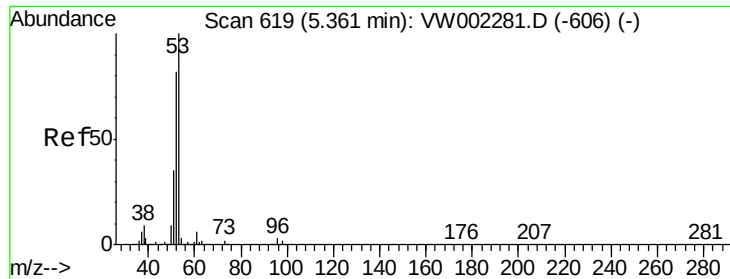
Ion Ratio Lower Upper

41 100

39 78.0 61.7 92.5

76 36.9 29.8 44.6

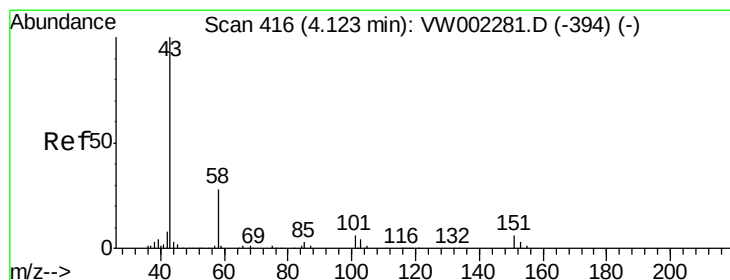
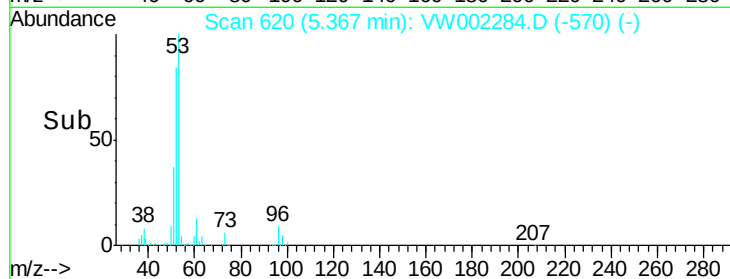
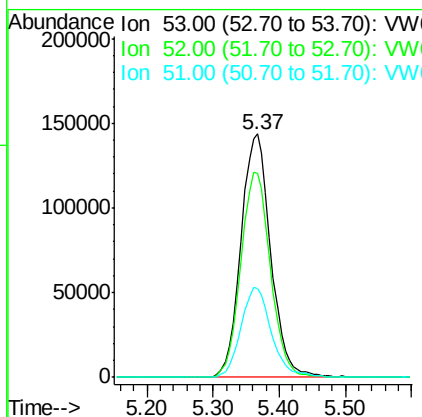
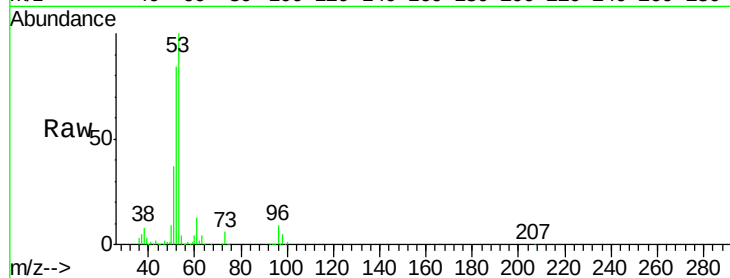




#15  
 Acrylonitrile  
 Concen: 1212.86 ug/l  
 RT: 5.37 min Scan# 620  
 Delta R.T. 0.01 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

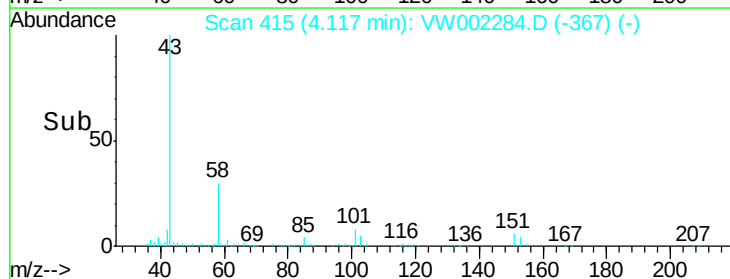
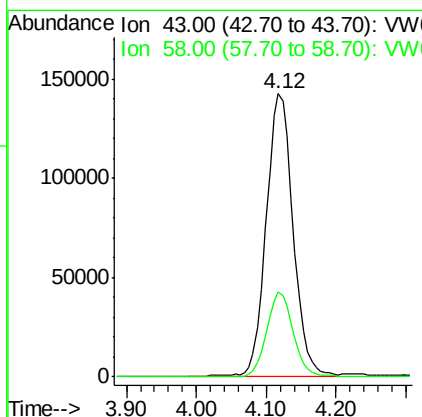
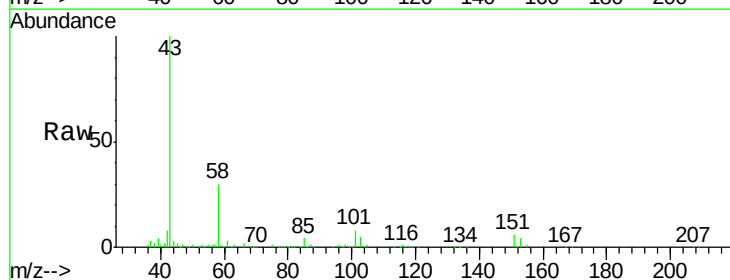
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

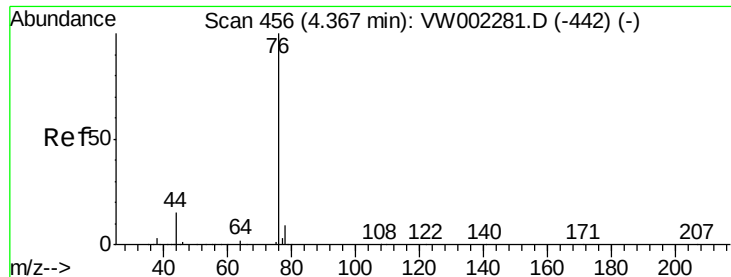
| Tot Ion | 53    | Resp  | 448292 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 53      | 100   |       |        |
| 52      | 83.9  | 67.9  | 101.9  |
| 51      | 38.3  | 30.0  | 45.0   |



#16  
 Acetone  
 Concen: 887.71 ug/l  
 RT: 4.12 min Scan# 415  
 Delta R.T. -0.01 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

| Tgt Ion | 43    | Resp  | 385883 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 43      | 100   |       |        |
| 58      | 29.9  | 22.2  | 33.4   |





#17

Carbon Disulfide

Concen: 163.03 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

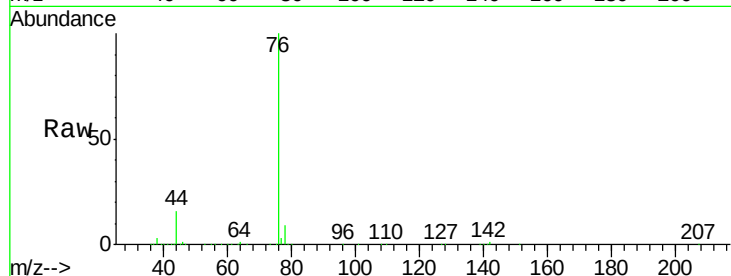
VSTDIC150

Tot Ion: 76 Resp: 1010878

Ion Ratio Lower Upper

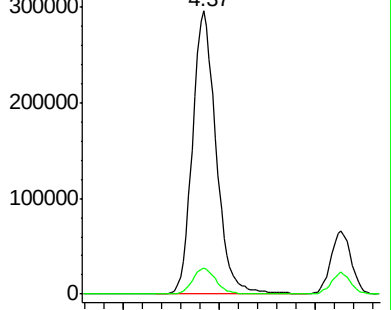
76 100

78 9.1 6.9 10.3

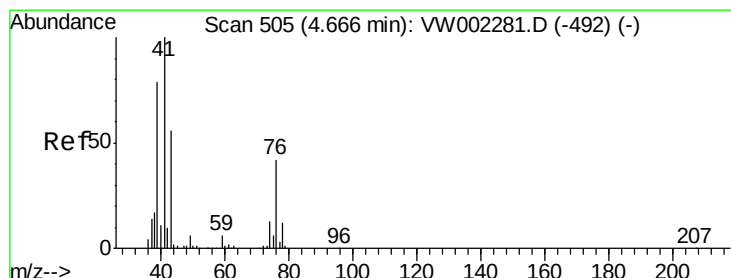
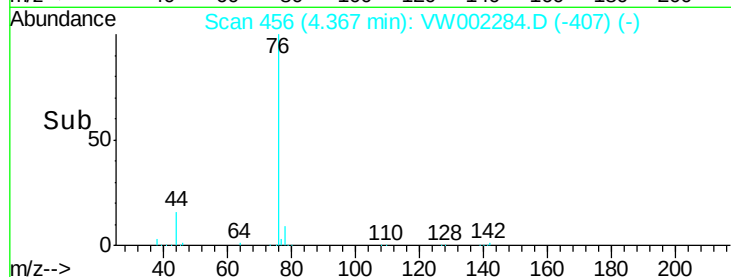


Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



Time-->



#18

Methyl Acetate

Concen: 256.14 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.00 min

Lab File: VW002284.D

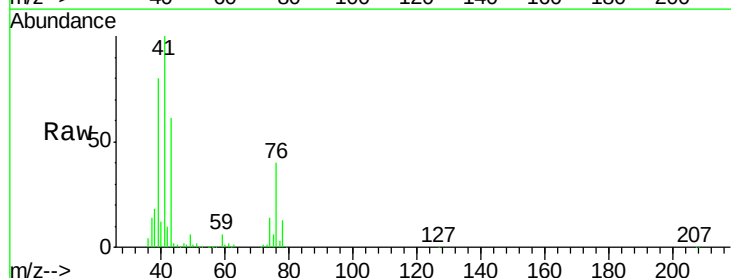
Acq: 08 May 2018 02:16

Tgt Ion: 43 Resp: 244791

Ion Ratio Lower Upper

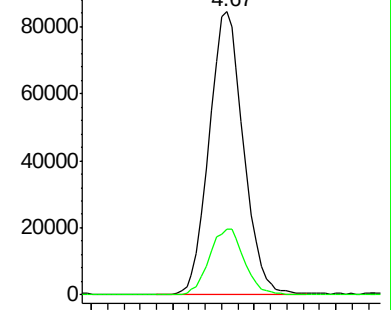
43 100

74 24.0 19.4 29.2

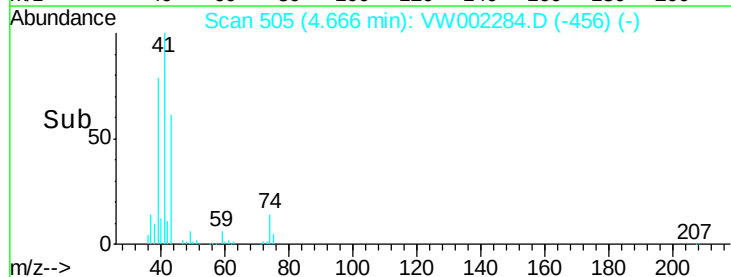


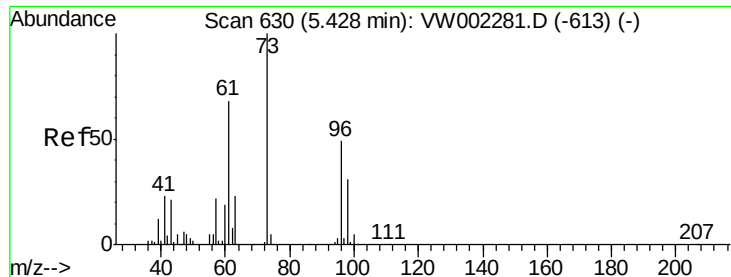
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



Time-->

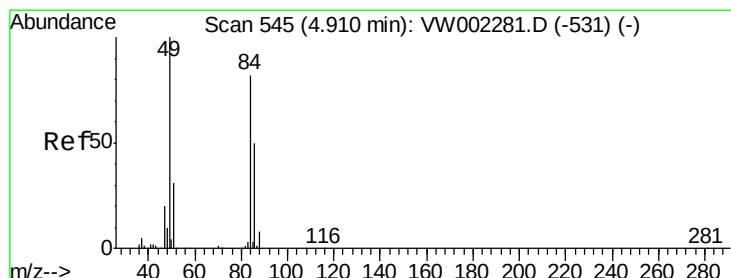
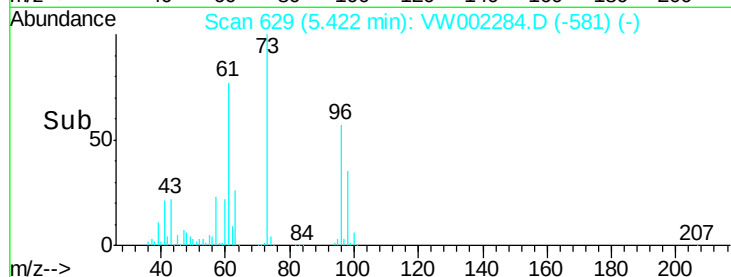
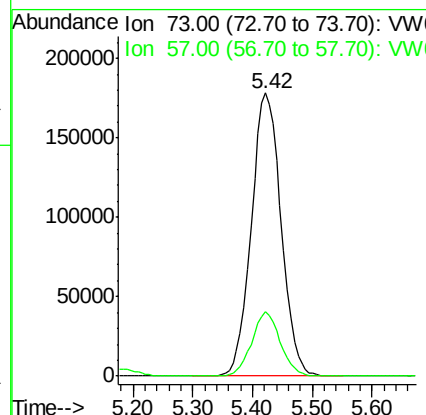
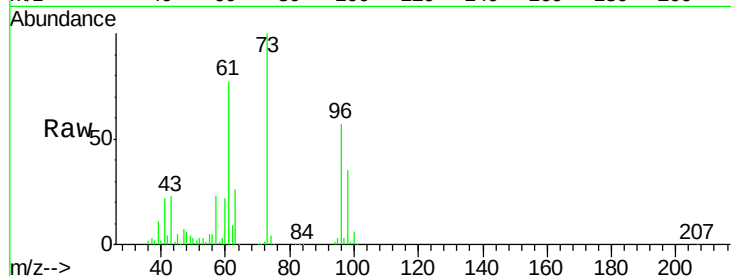




#19  
Methyl tert-butyl Ether  
Concen: 153.80 ug/l  
RT: 5.42 min Scan# 629  
Delta R.T. -0.01 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

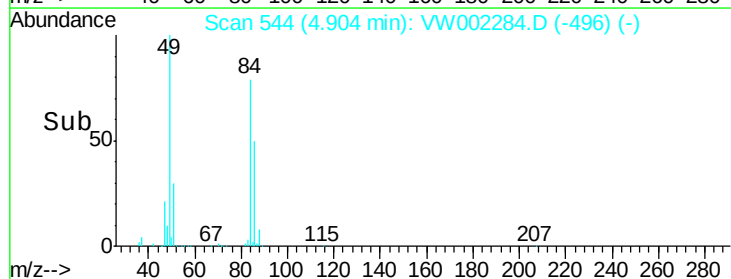
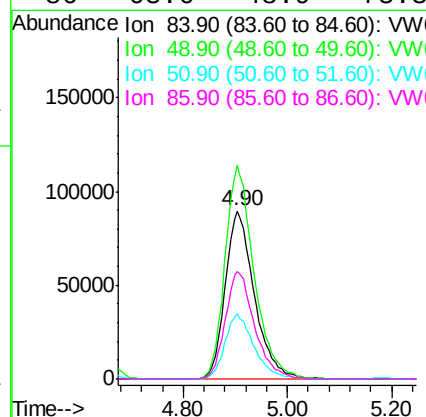
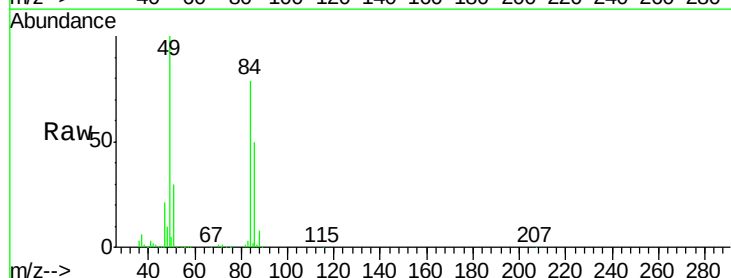
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

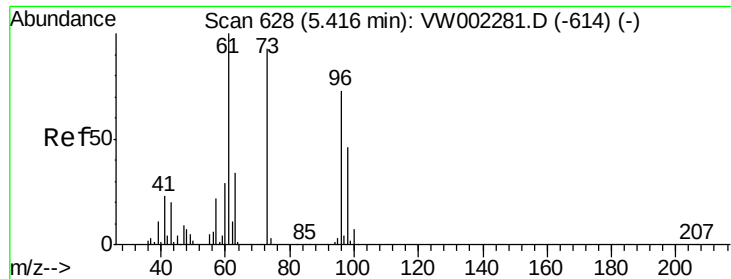
Tot Ion: 73 Resp: 616770  
Ion Ratio Lower Upper  
73 100  
57 22.8 17.7 26.5



#20  
Methylene Chloride  
Concen: 143.12 ug/l  
RT: 4.90 min Scan# 544  
Delta R.T. -0.01 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

Tgt Ion: 84 Resp: 351451  
Ion Ratio Lower Upper  
84 100  
49 127.0 97.7 146.5  
51 38.7 30.2 45.4  
86 63.6 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 168.96 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

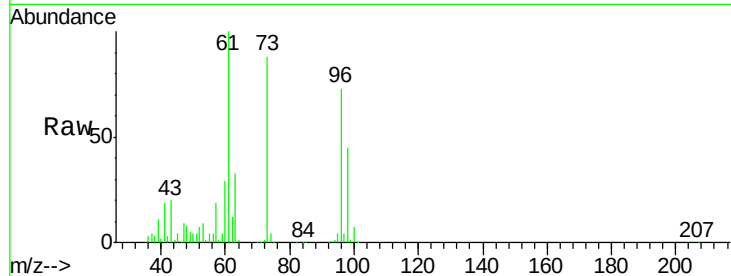
Tot Ion: 96 Resp: 372473

Ion Ratio Lower Upper

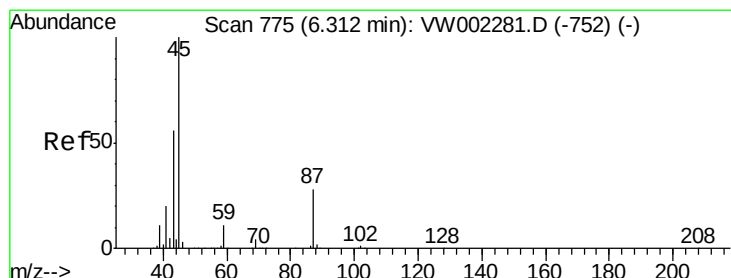
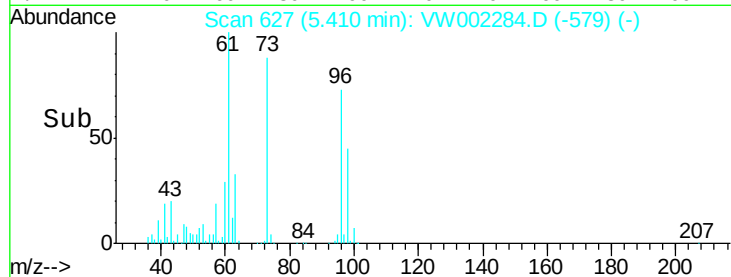
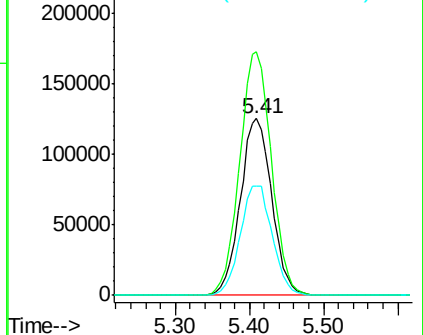
96 100

61 137.5 109.5 164.3

98 61.9 50.2 75.4



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



#22

Diisopropyl ether

Concen: 240.90 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Tgt Ion: 45 Resp: 1183767

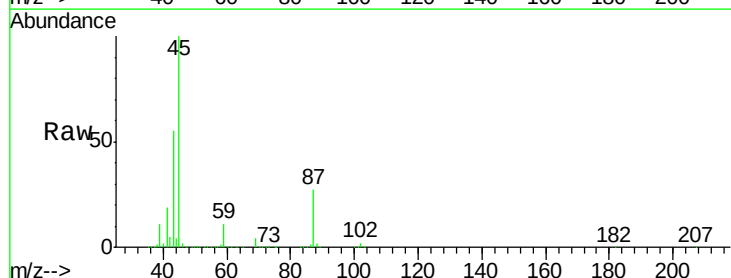
Ion Ratio Lower Upper

45 100

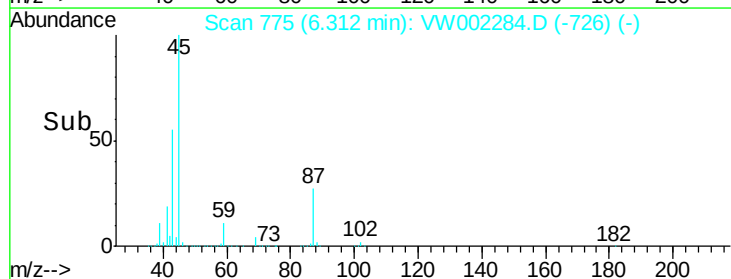
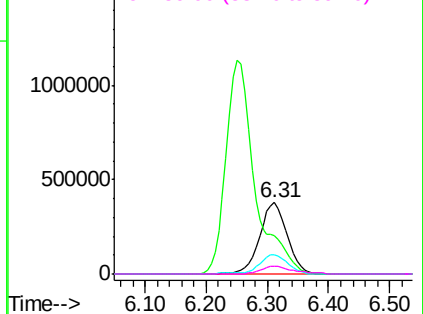
43 54.7 44.5 66.7

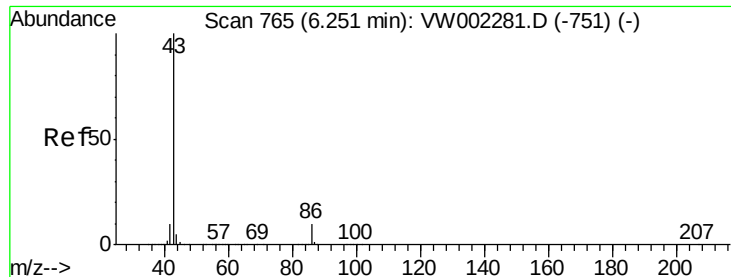
87 27.1 22.2 33.4

59 11.0 8.9 13.3



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





#23

Vinyl Acetate

Concen: 1417.07 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

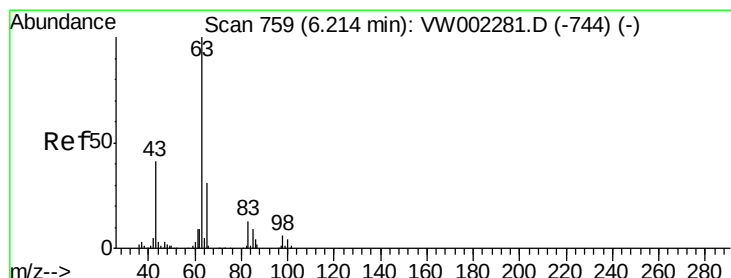
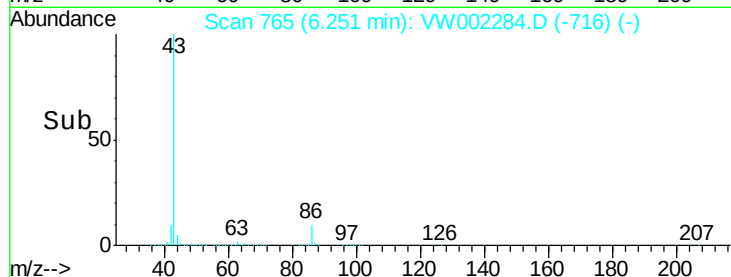
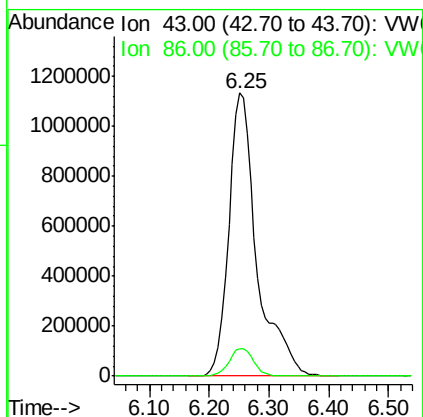
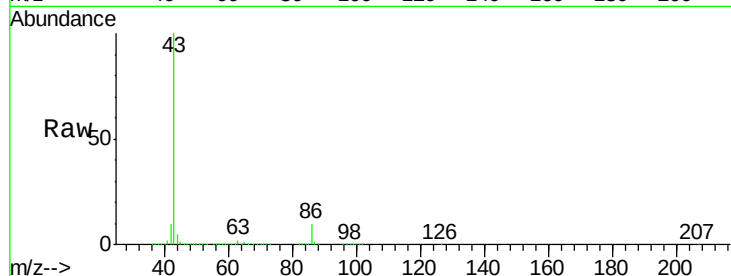
VSTDIC150

Tot Ion: 43 Resp: 3707422

Ion Ratio Lower Upper

43 100

86 9.8 7.9 11.9



#24

1,1-Dichloroethane

Concen: 189.52 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

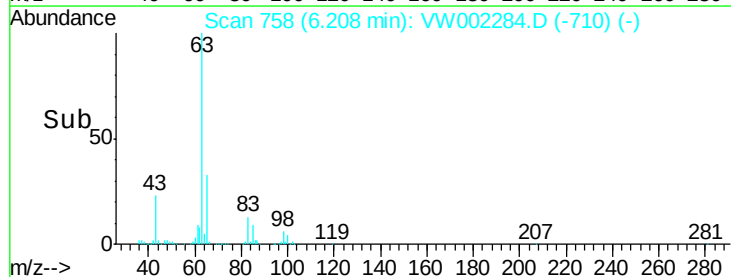
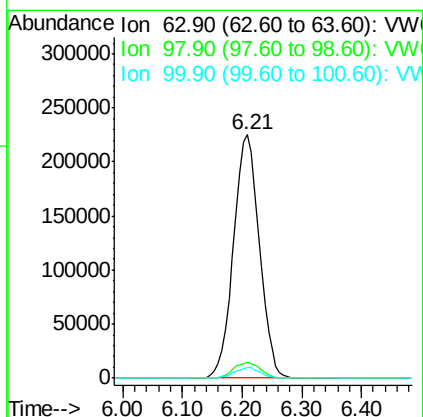
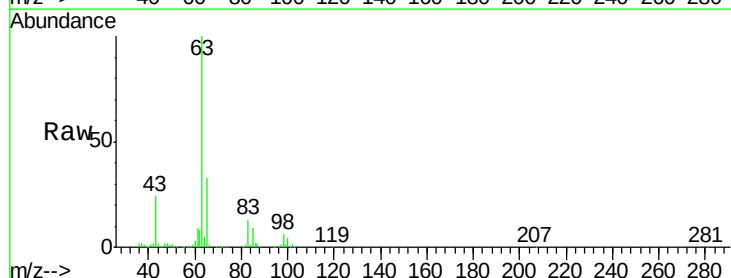
Tgt Ion: 63 Resp: 679492

Ion Ratio Lower Upper

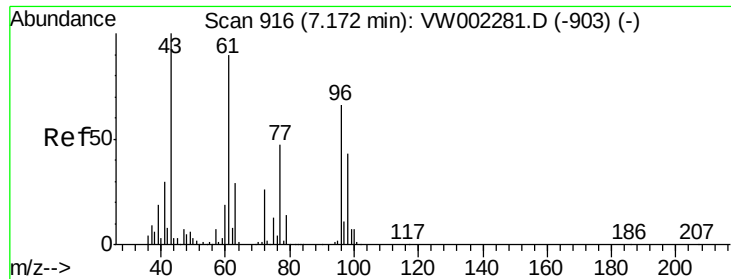
63 100

98 6.5 2.9 8.7

100 4.4 2.0 6.0







#25

2-Butanone

Concen: 1282.32 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

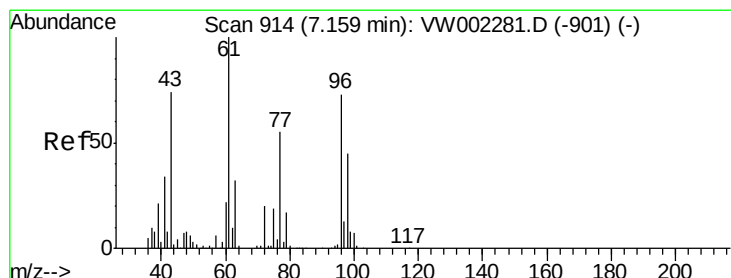
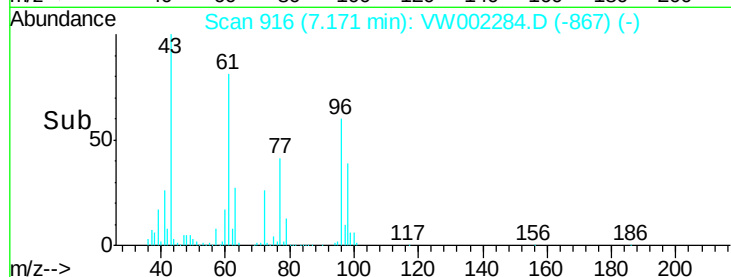
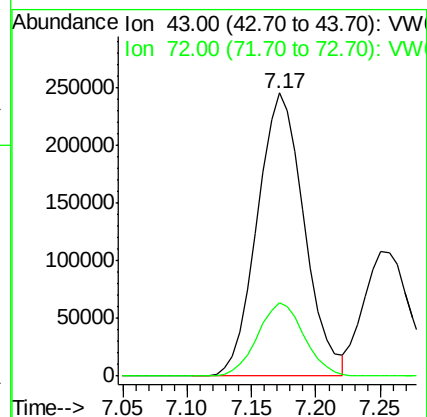
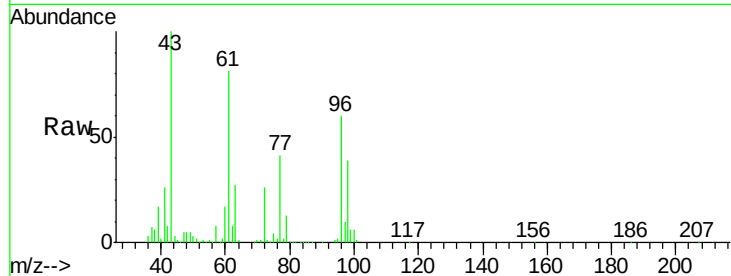
VSTDIC150

Tot Ion: 43 Resp: 620406

Ion Ratio Lower Upper

43 100

72 26.2 20.6 31.0



#26

2,2-Dichloropropane

Concen: 97.21 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.00 min

Lab File: VW002284.D

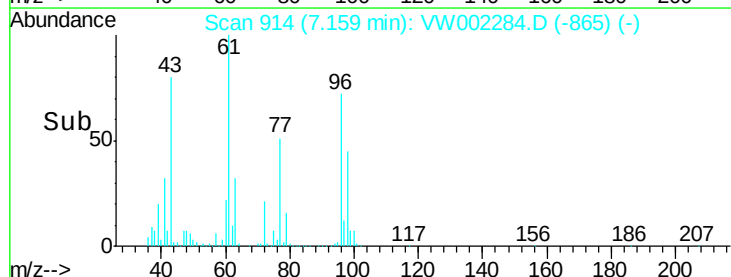
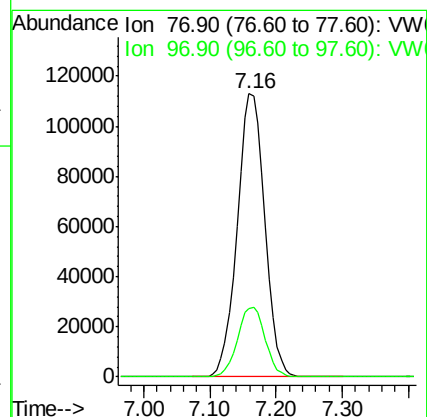
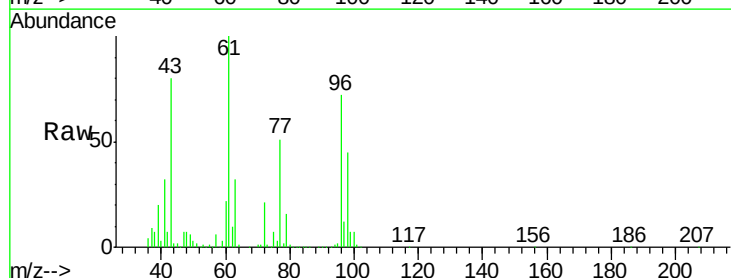
Acq: 08 May 2018 02:16

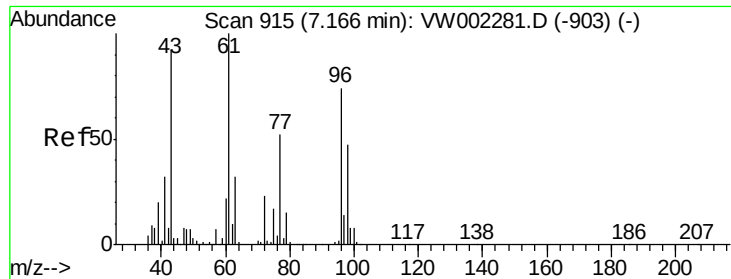
Tgt Ion: 77 Resp: 325703

Ion Ratio Lower Upper

77 100

97 24.7 12.7 38.0



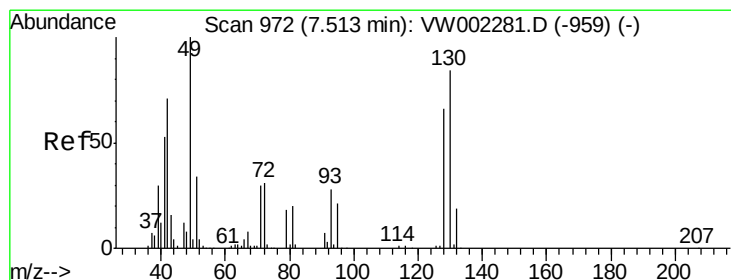
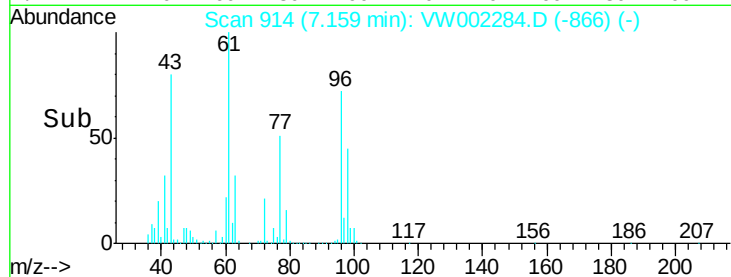
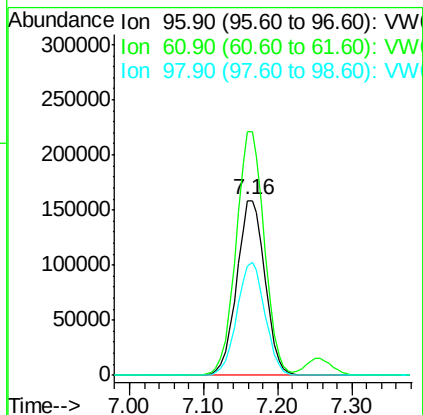
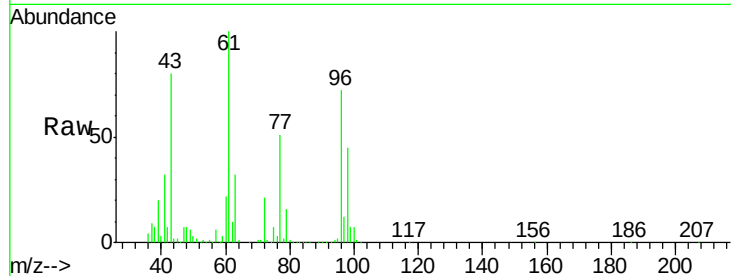


#27

cis-1,2-Dichloroethene  
 Concen: 180.76 ug/l  
 RT: 7.16 min Scan# 914  
 Delta R.T. -0.01 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

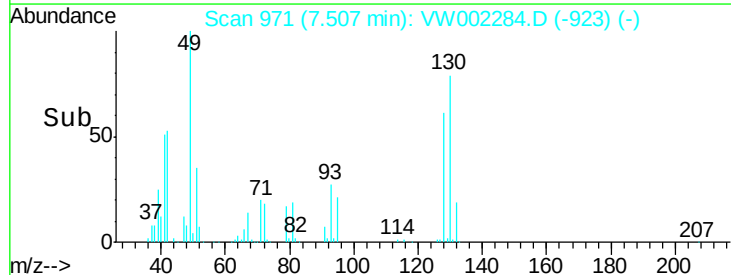
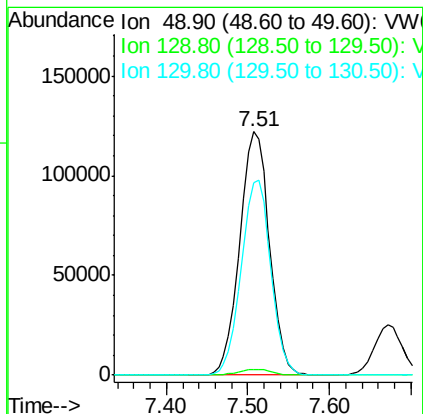
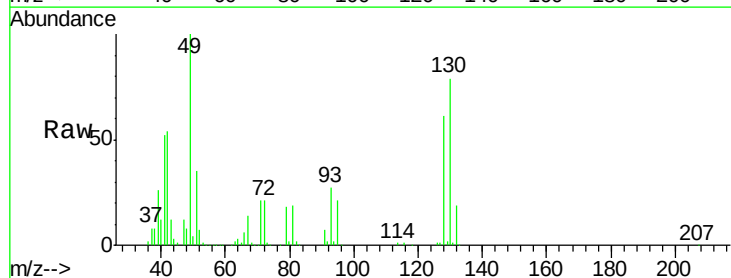
Tot Ion: 96 Resp: 421783  
 Ion Ratio Lower Upper  
 96 100  
 61 139.1 0.0 274.8  
 98 63.9 0.0 128.4

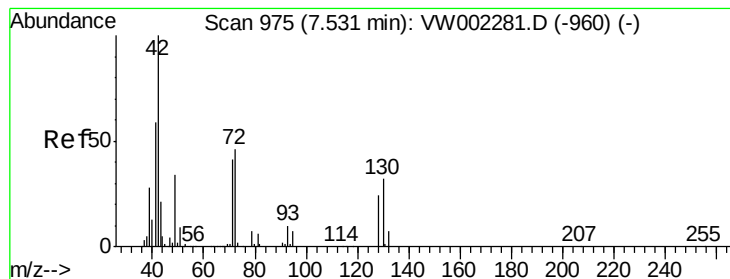


#28

Bromochloromethane  
 Concen: 245.59 ug/l  
 RT: 7.51 min Scan# 971  
 Delta R.T. -0.01 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

Tgt Ion: 49 Resp: 309218  
 Ion Ratio Lower Upper  
 49 100  
 129 2.5 0.0 2.4#  
 130 79.4 65.5 98.3





#29

Tetrahydrofuran

Concen: 1475.41 ug/l

RT: 7.53 min Scan# 974

Delta R.T. -0.01 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

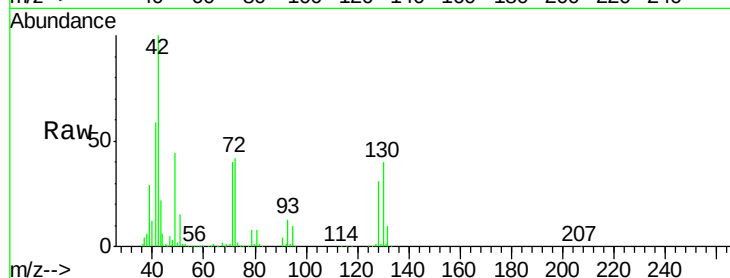
Tot Ion: 42 Resp: 415013

Ion Ratio Lower Upper

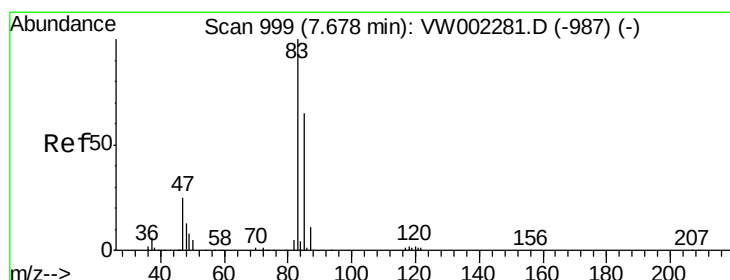
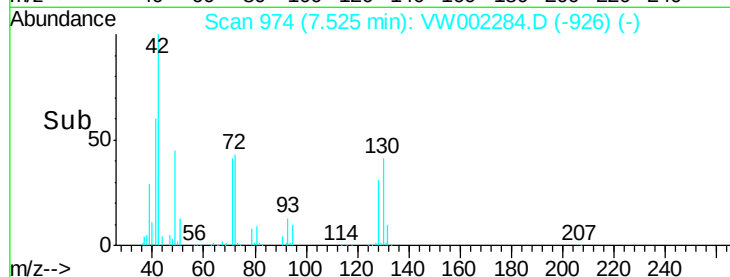
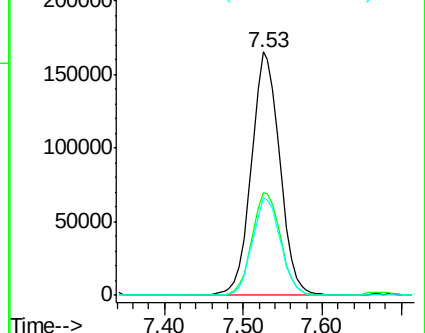
42 100

72 42.6 34.5 51.7

71 39.6 33.0 49.6



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



#30

Chloroform

Concen: 170.74 ug/l

RT: 7.67 min Scan# 998

Delta R.T. -0.01 min

Lab File: VW002284.D

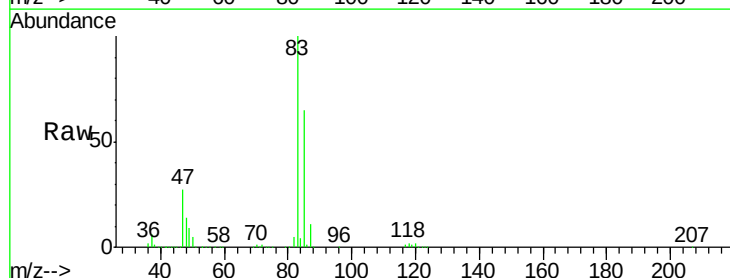
Acq: 08 May 2018 02:16

Tgt Ion: 83 Resp: 707990

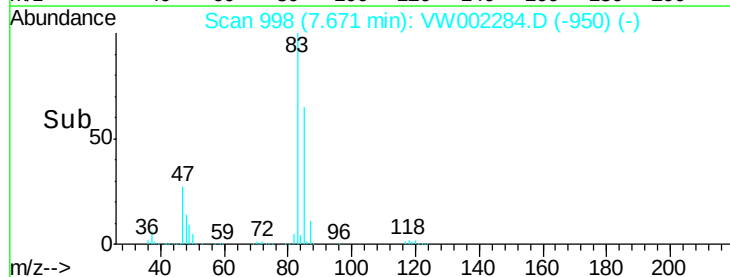
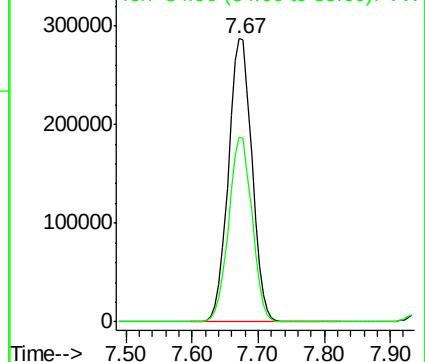
Ion Ratio Lower Upper

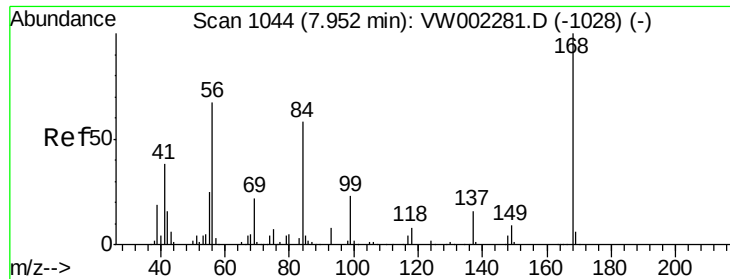
83 100

85 65.2 51.8 77.6



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

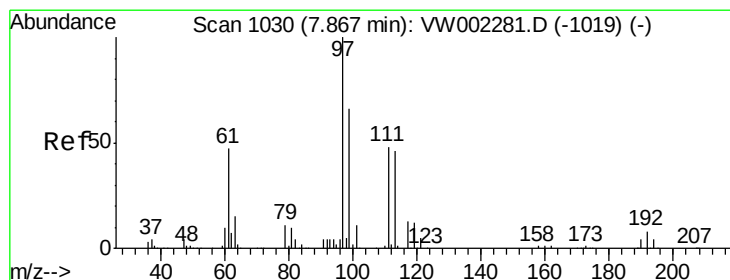
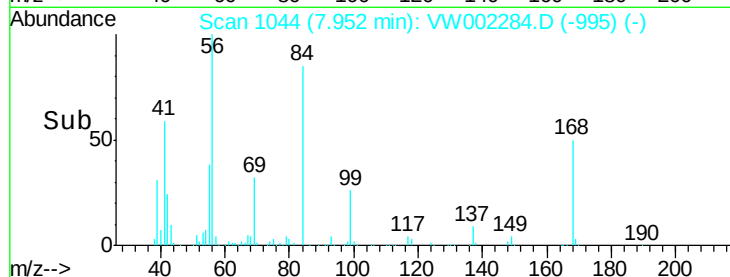
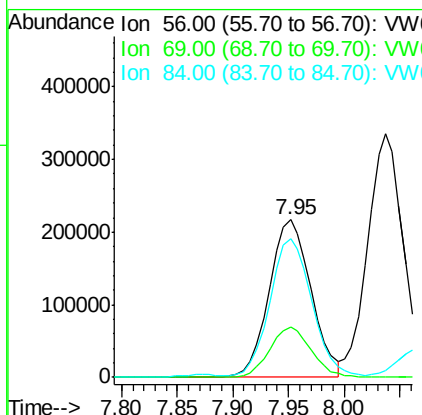
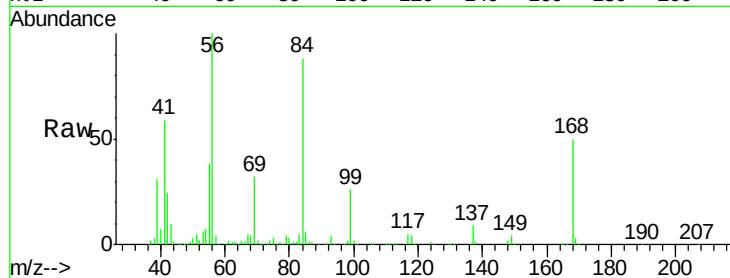




#31  
Cyclohexane  
Concen: 174.68 ug/l  
RT: 7.95 min Scan# 1044  
Delta R.T. -0.00 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

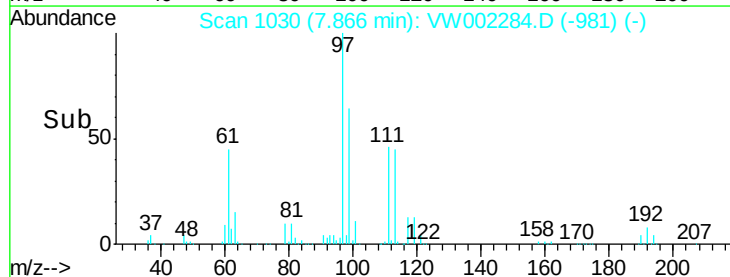
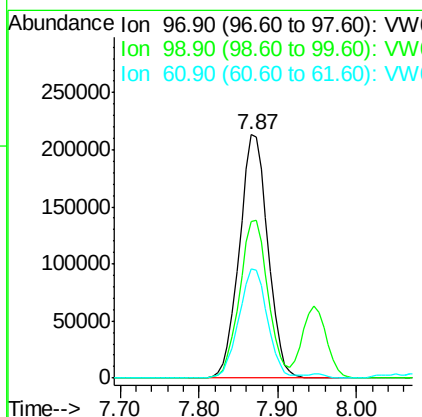
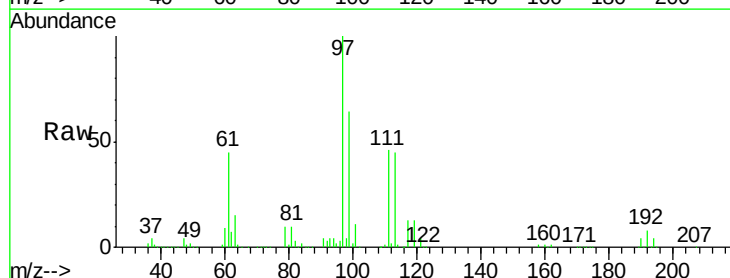
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

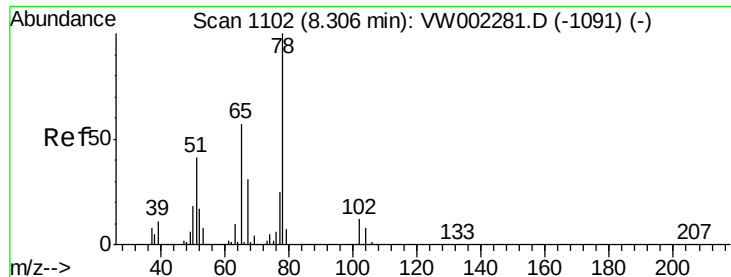
Tot Ion: 56 Resp: 567451  
Ion Ratio Lower Upper  
56 100  
69 31.8 26.2 39.4  
84 86.5 69.2 103.8



#32  
1,1,1-Trichloroethane  
Concen: 134.99 ug/l  
RT: 7.87 min Scan# 1030  
Delta R.T. -0.00 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

Tgt Ion: 97 Resp: 537263  
Ion Ratio Lower Upper  
97 100  
99 65.0 52.6 79.0  
61 44.9 35.6 53.4

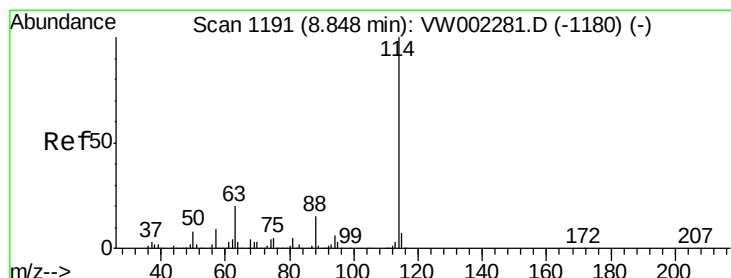
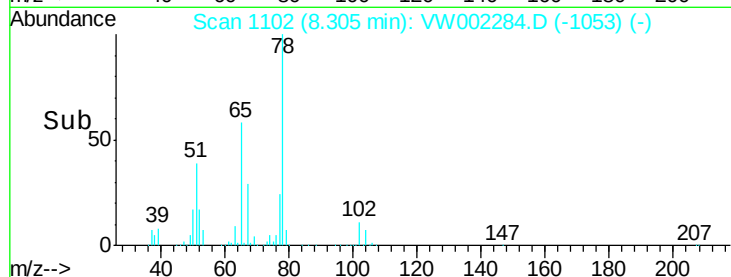
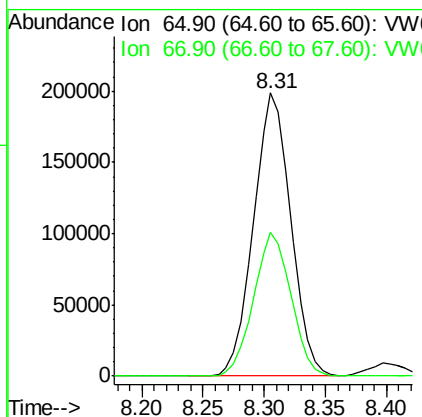
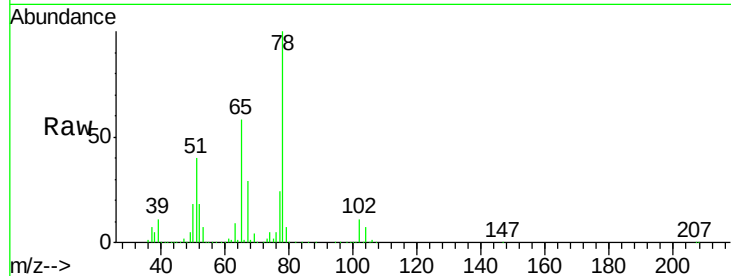




#33  
 1,2-Dichloroethane-d4  
 Concen: 192.84 ug/l  
 RT: 8.31 min Scan# 1102  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

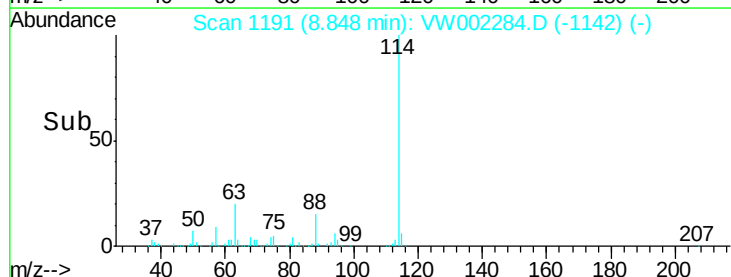
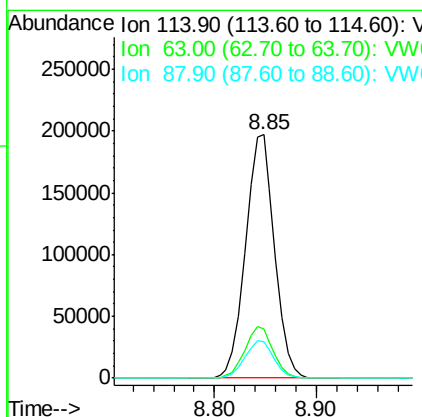
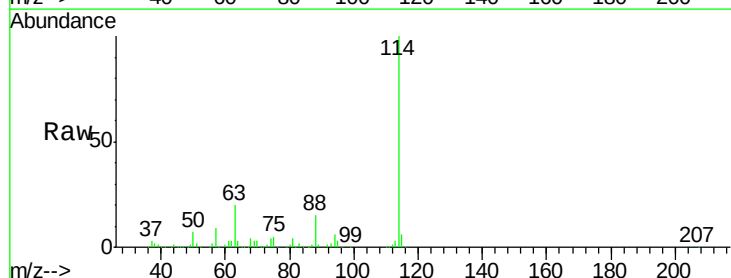
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

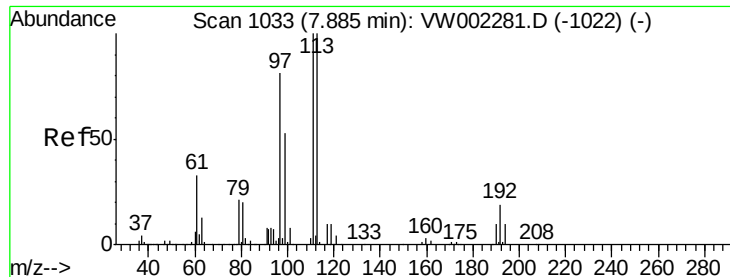
Tot Ion: 65 Resp: 421147  
 Ion Ratio Lower Upper  
 65 100  
 67 51.1 0.0 107.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.85 min Scan# 1191  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

Tgt Ion: 114 Resp: 388214  
 Ion Ratio Lower Upper  
 114 100  
 63 19.9 0.0 39.0  
 88 14.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 157.72 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

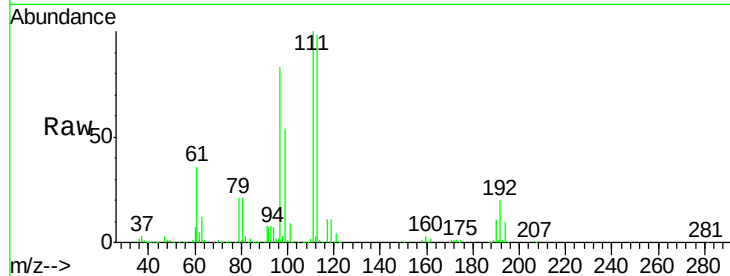
Tot Ion:113 Resp: 384193

Ion Ratio Lower Upper

113 100

111 102.2 81.5 122.3

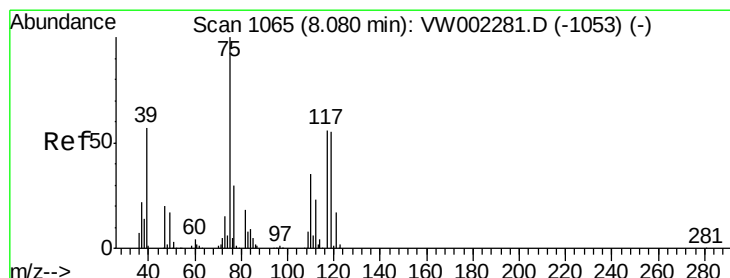
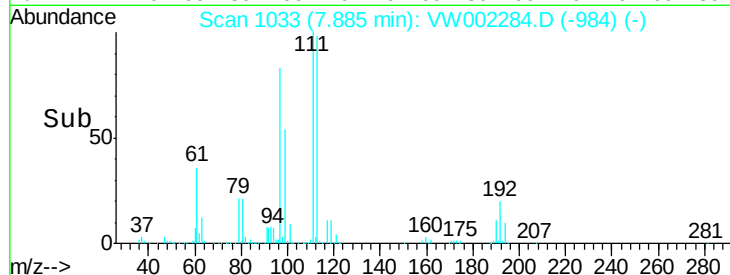
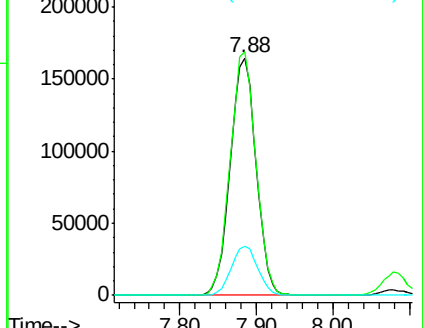
192 21.2 16.4 24.6



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: 148.58 ug/l

RT: 8.08 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

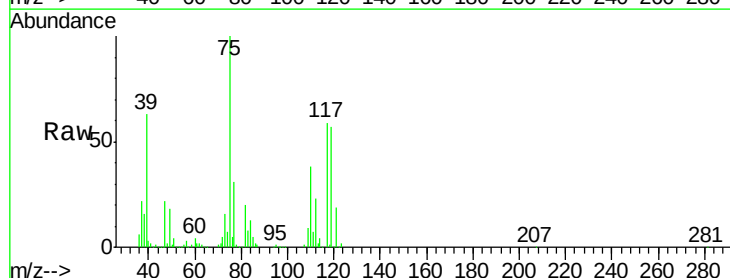
Tgt Ion: 75 Resp: 534038

Ion Ratio Lower Upper

75 100

110 35.9 18.1 54.1

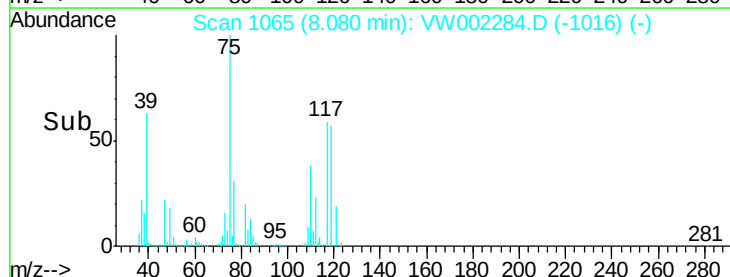
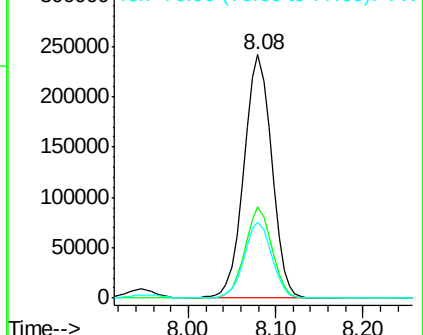
77 31.1 24.5 36.7

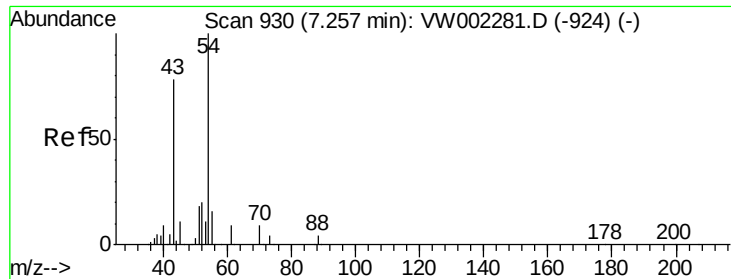


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

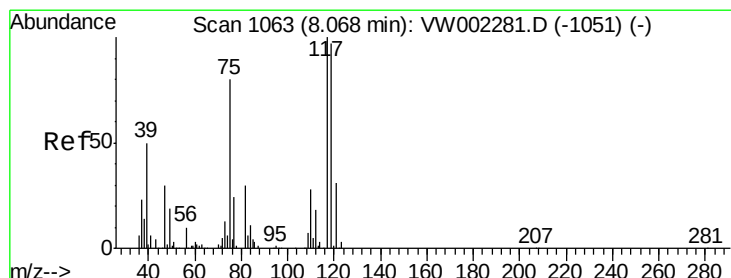
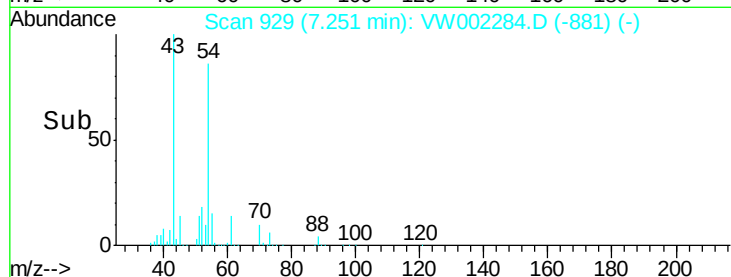
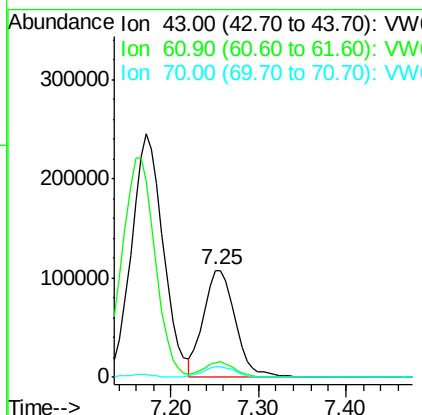
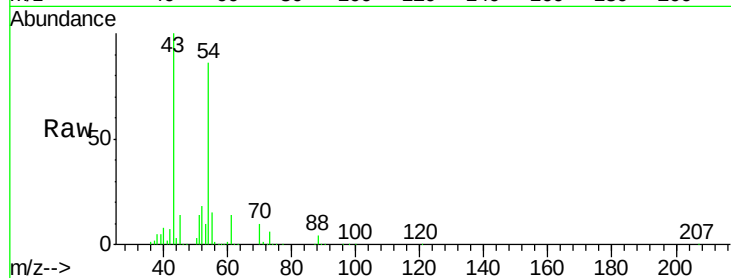




#37  
Ethyl Acetate  
Concen: 239.53 ug/l  
RT: 7.25 min Scan# 929  
Delta R.T. -0.01 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

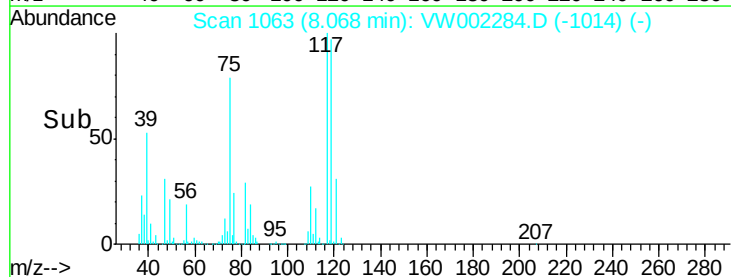
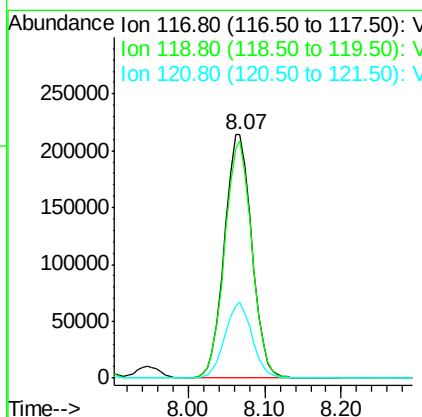
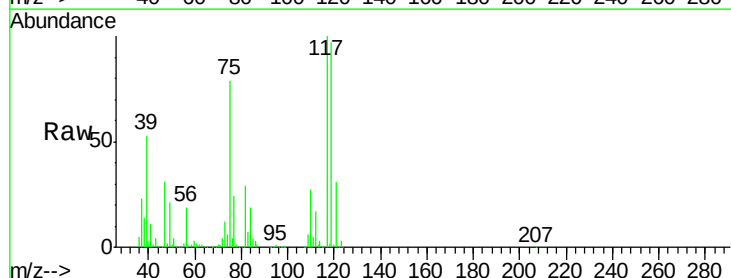
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

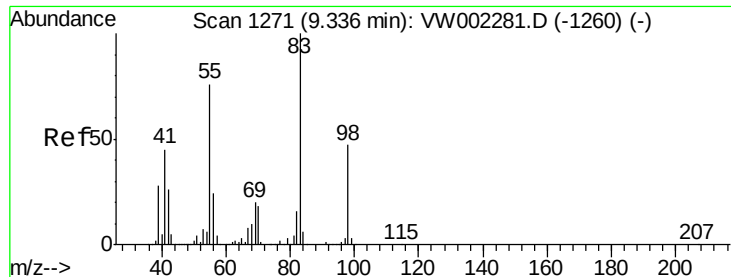
Tot Ion: 43 Resp: 273263  
Ion Ratio Lower Upper  
43 100  
61 14.2 11.1 16.7  
70 10.0 7.9 11.9



#38  
Carbon Tetrachloride  
Concen: 122.04 ug/l  
RT: 8.07 min Scan# 1063  
Delta R.T. -0.00 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

Tgt Ion: 117 Resp: 530509  
Ion Ratio Lower Upper  
117 100  
119 97.2 77.5 116.3  
121 31.3 24.4 36.6

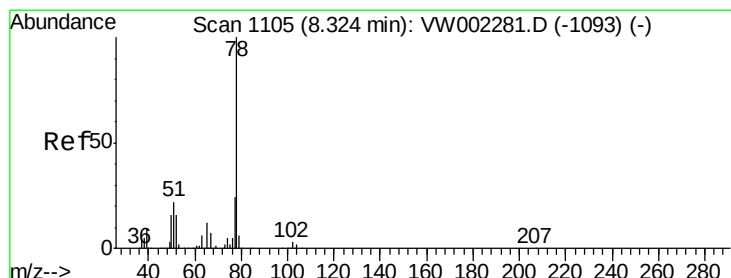
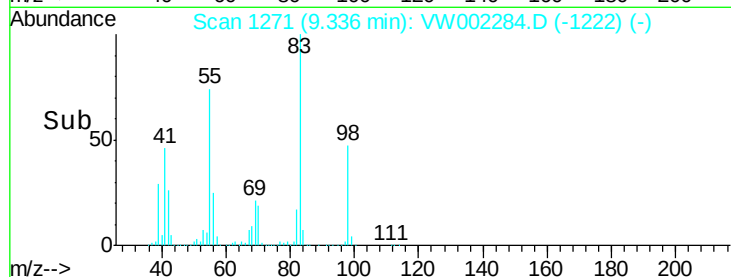
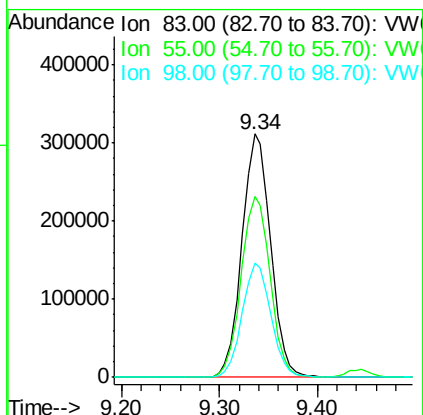
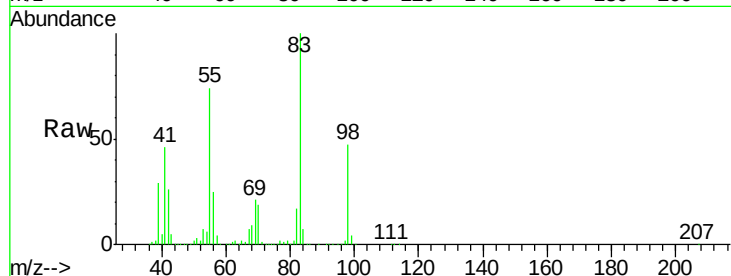




#39  
Methylvlcyclohexane  
Concen: 155.34 ug/l  
RT: 9.34 min Scan# 1271  
Delta R.T. -0.00 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

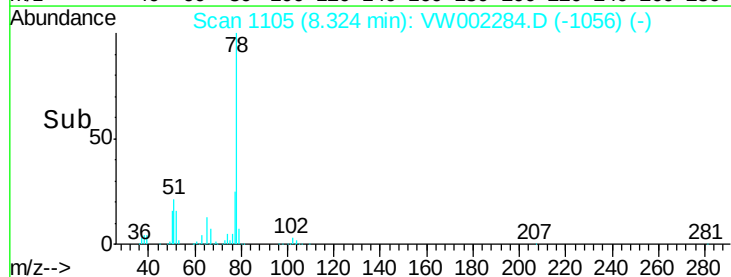
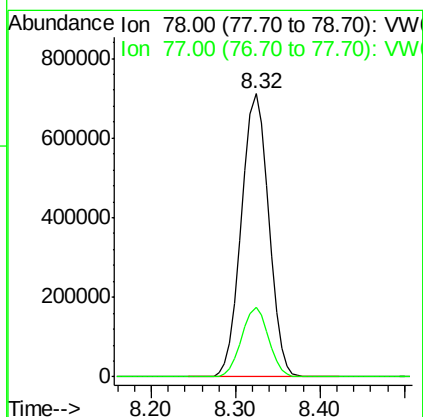
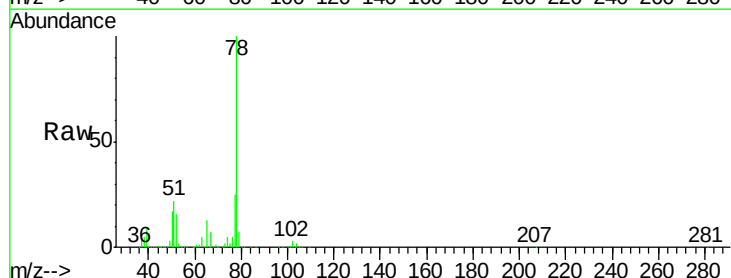
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

Tot Ion: 83 Resp: 635562  
Ion Ratio Lower Upper  
83 100  
55 74.5 60.6 91.0  
98 46.7 37.4 56.0

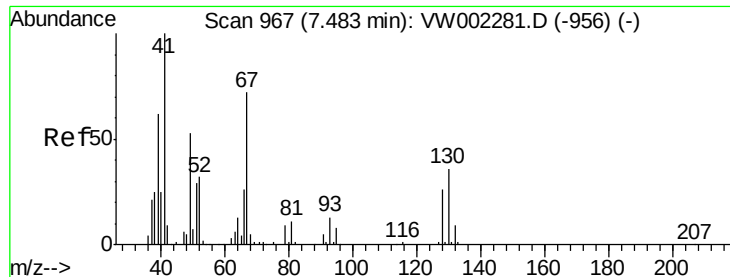


#40  
Benzene  
Concen: 156.86 ug/l  
RT: 8.32 min Scan# 1105  
Delta R.T. -0.00 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

Tgt Ion: 78 Resp: 1556206  
Ion Ratio Lower Upper  
78 100  
77 24.8 19.3 28.9



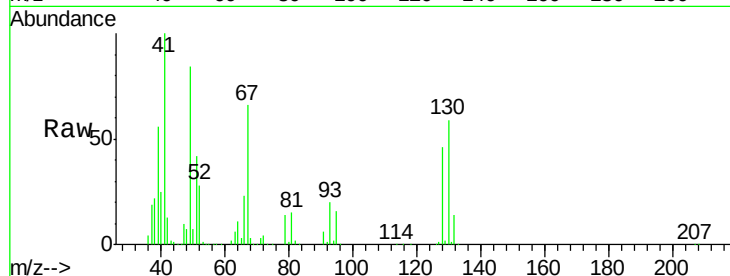




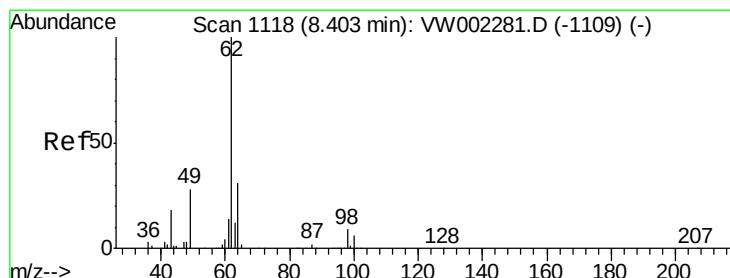
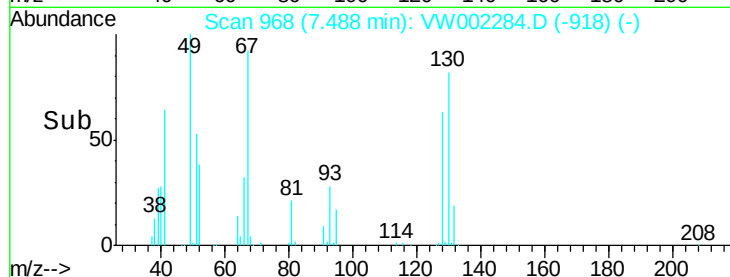
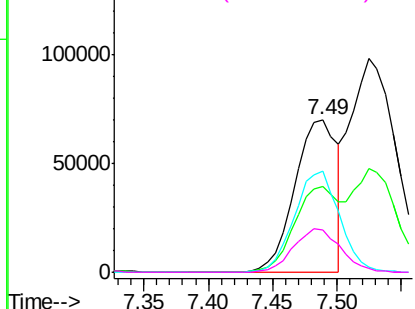
#41  
Methacrylonitrile  
Concen: 252.12 ug/l  
RT: 7.49 min Scan# 968  
Delta R.T. 0.01 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 159448 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 63.6  | 40.2  | 60.4#  |
| 67       | 71.0  | 54.7  | 82.1   |
| 52       | 32.2  | 23.6  | 35.4   |

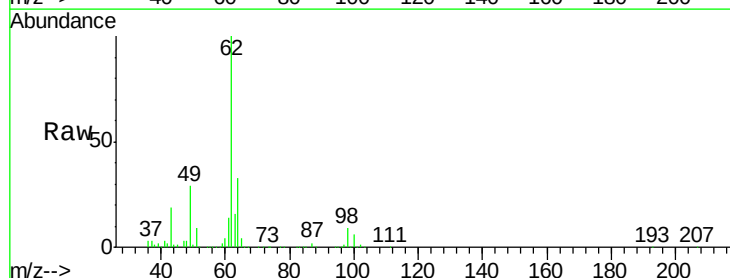


Abundance Ion 41.00 (40.70 to 41.70): VW  
Ion 39.00 (38.70 to 39.70): VW  
Ion 67.00 (66.70 to 67.70): VW  
Ion 52.00 (51.70 to 52.70): VW

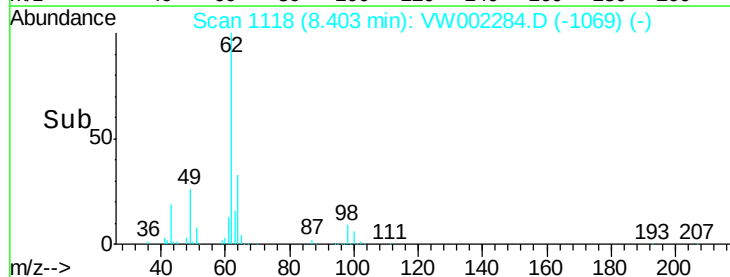
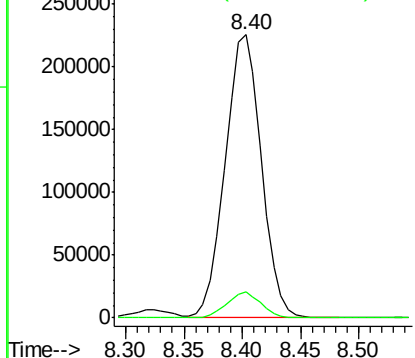


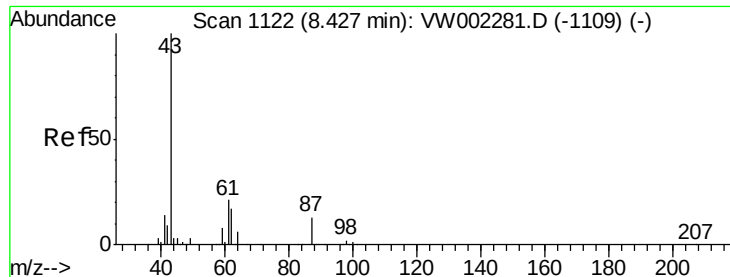
#42  
1,2-Dichloroethane  
Concen: 159.29 ug/l  
RT: 8.40 min Scan# 1118  
Delta R.T. -0.00 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 487315 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.7   | 0.0   | 18.4   |



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





#43

Isopropyl Acetate

Concen: 241.64 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

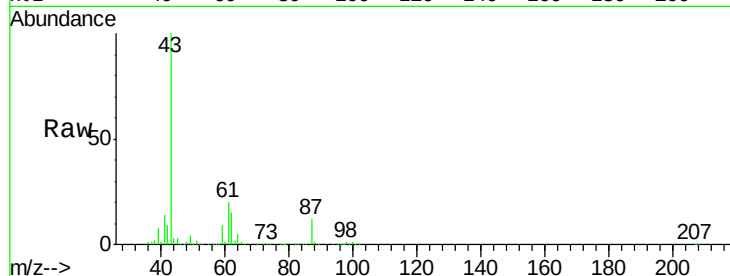
Tot Ion: 43 Resp: 547022

Ion Ratio Lower Upper

43 100

61 28.1 23.7 35.5

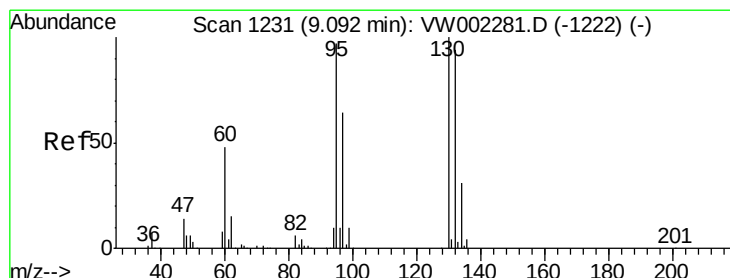
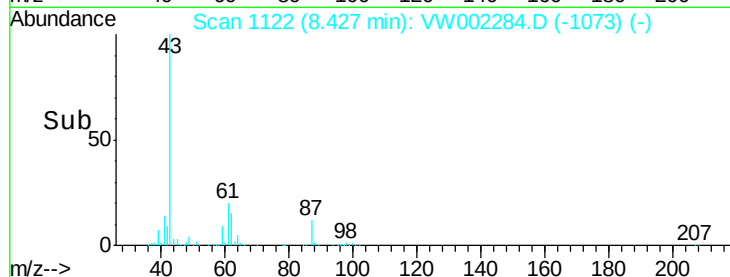
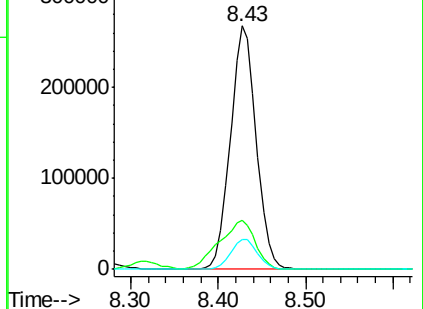
87 12.8 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 135.16 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW002284.D

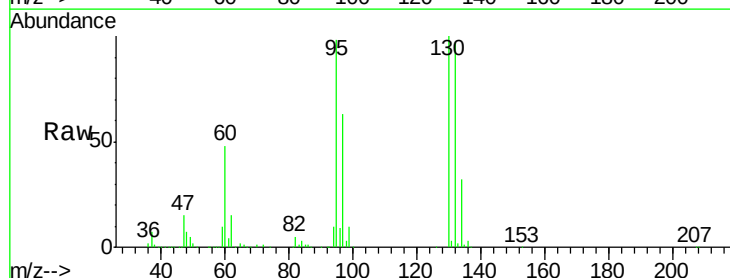
Acq: 08 May 2018 02:16

Tgt Ion:130 Resp: 423399

Ion Ratio Lower Upper

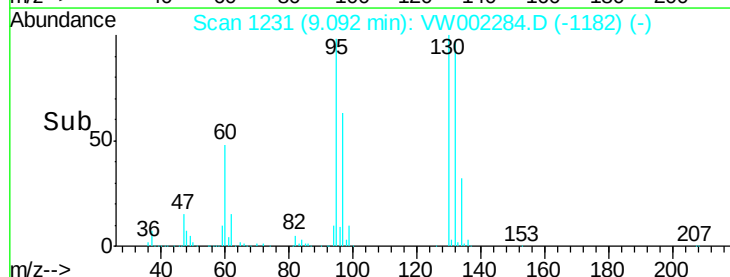
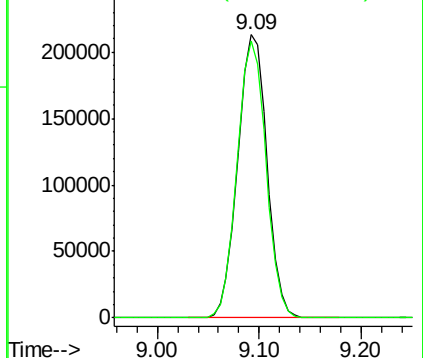
130 100

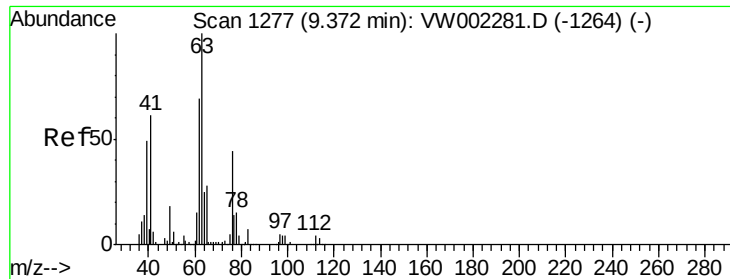
95 97.8 0.0 193.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

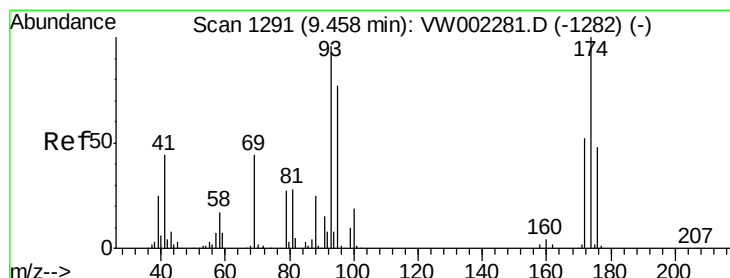
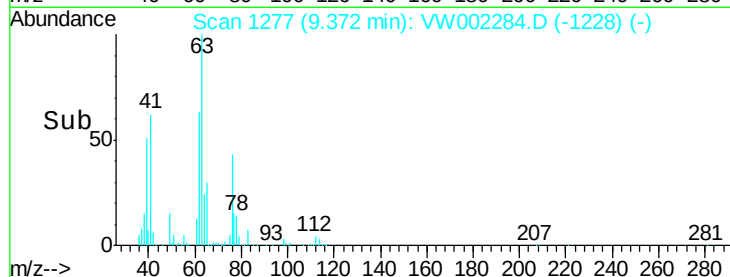
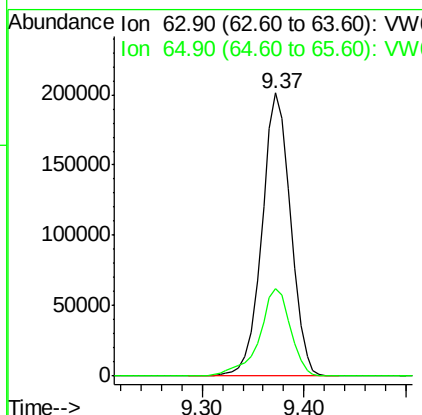
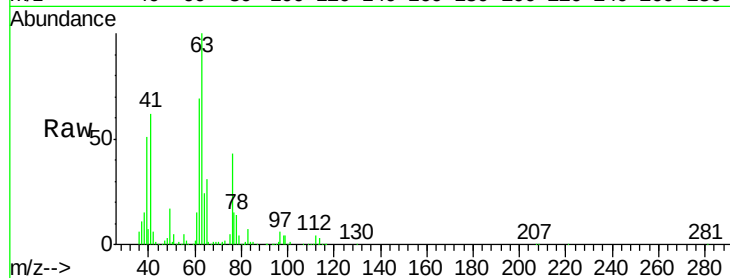




#45  
 1,2-Dichloropropane  
 Concen: 173.35 ug/l  
 RT: 9.37 min Scan# 1277  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

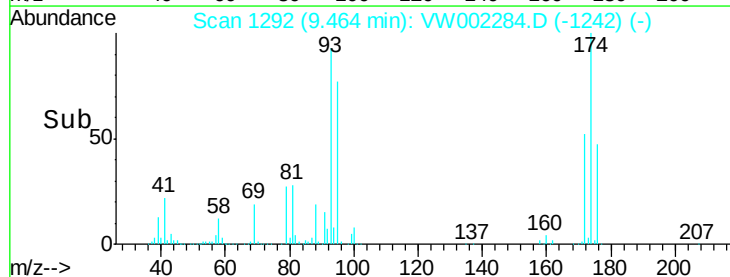
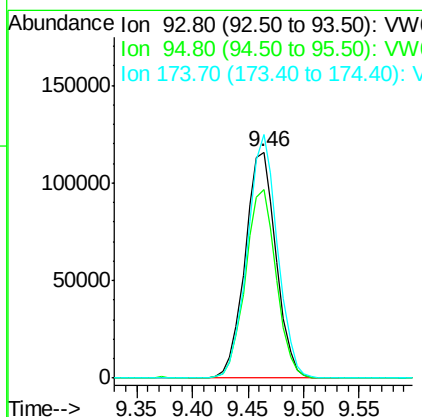
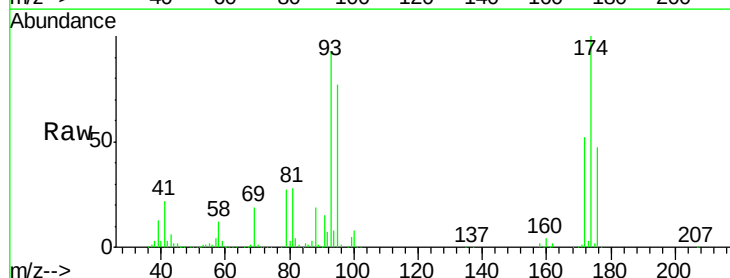
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

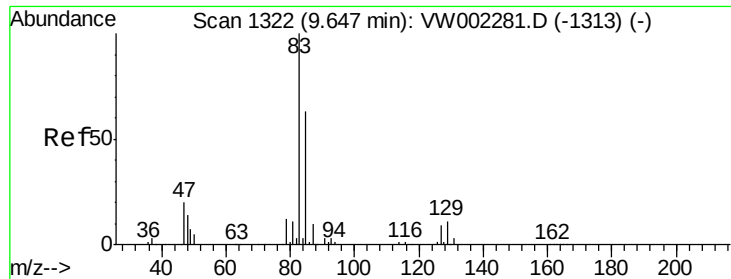
Tot Ion: 63 Resp: 391874  
 Ion Ratio Lower Upper  
 63 100  
 65 30.9 22.9 34.3



#46  
 Dibromomethane  
 Concen: 174.07 ug/l  
 RT: 9.46 min Scan# 1292  
 Delta R.T. 0.01 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

Tgt Ion: 93 Resp: 224116  
 Ion Ratio Lower Upper  
 93 100  
 95 82.9 66.4 99.6  
 174 104.5 86.8 130.2





#47

Bromodichloromethane

Concen: 156.53 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

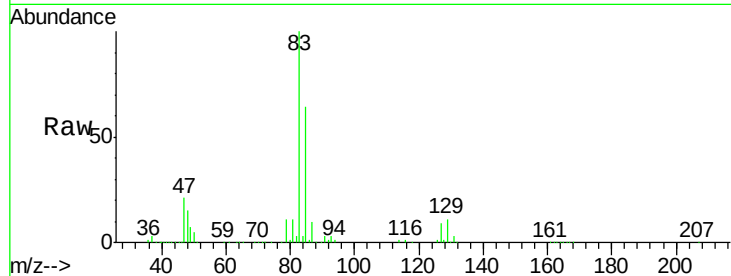
Tot Ion: 83 Resp: 539591

Ion Ratio Lower Upper

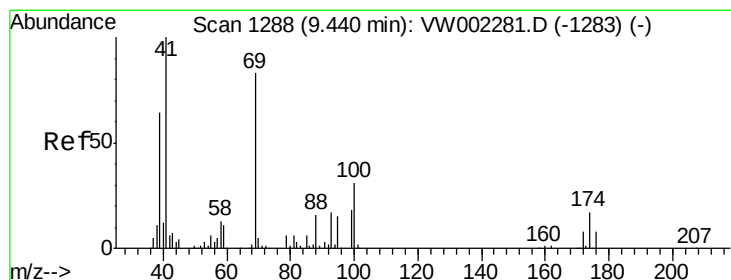
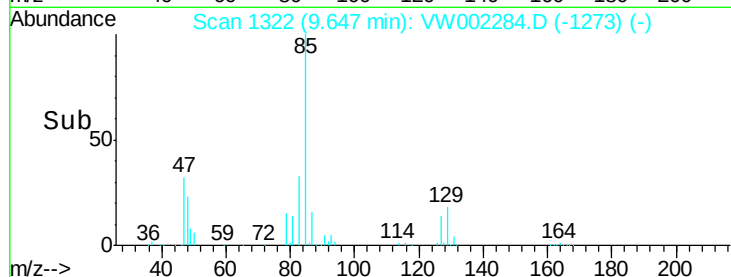
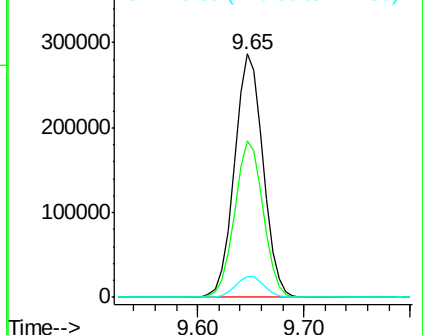
83 100

85 64.0 50.2 75.2

127 8.7 6.9 10.3



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



#48

Methyl methacrylate

Concen: 244.92 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

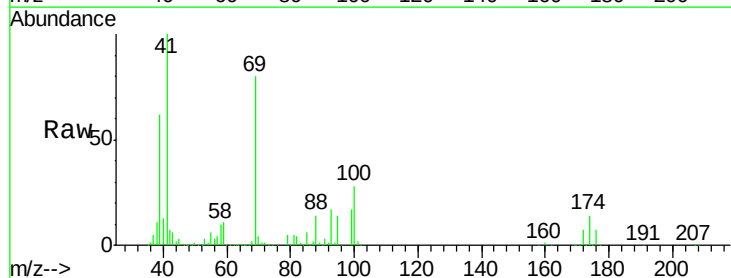
Tgt Ion: 41 Resp: 268488

Ion Ratio Lower Upper

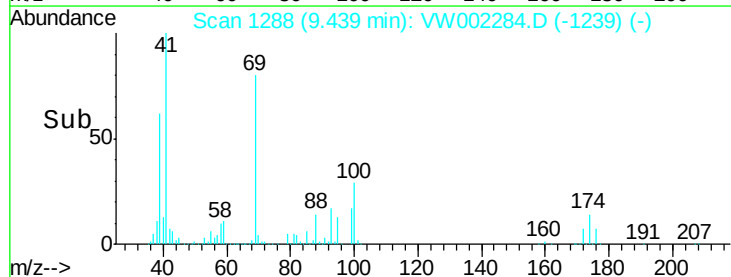
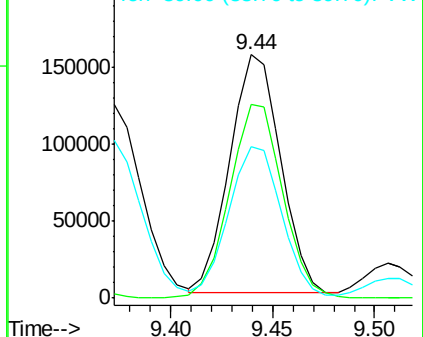
41 100

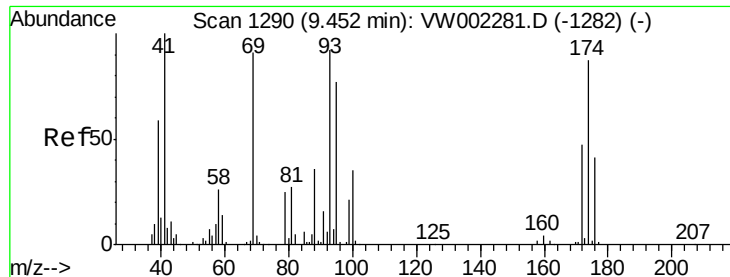
69 85.1 69.9 104.9

39 66.9 54.0 81.0



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





#49

1,4-Dioxane

Concen: 3707.65 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

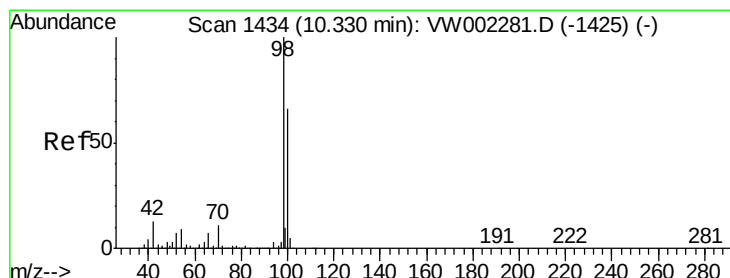
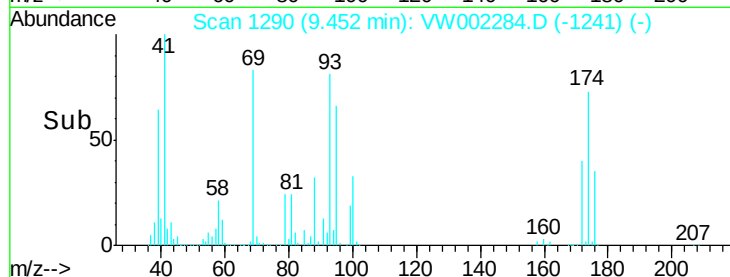
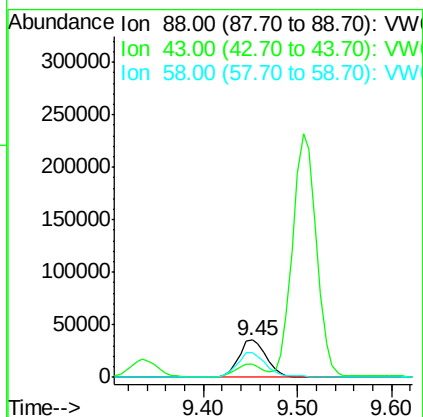
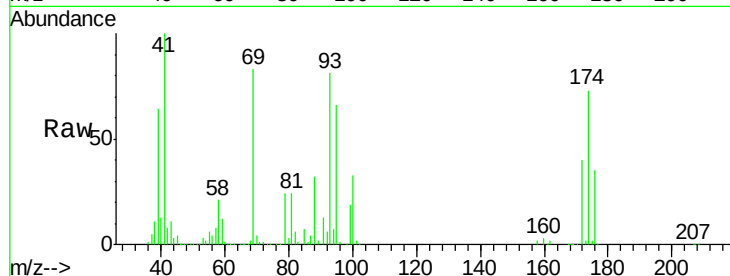
Tot Ion: 88 Resp: 73269

Ion Ratio Lower Upper

88 100

43 33.0 26.3 39.5

58 69.2 56.0 84.0



#50

Toluene-d8

Concen: 166.01 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002284.D

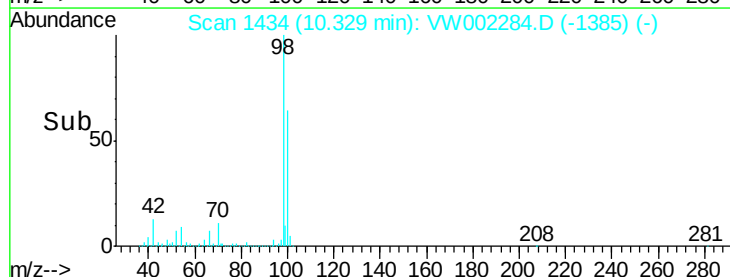
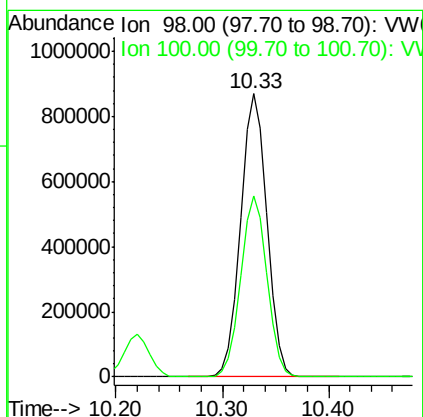
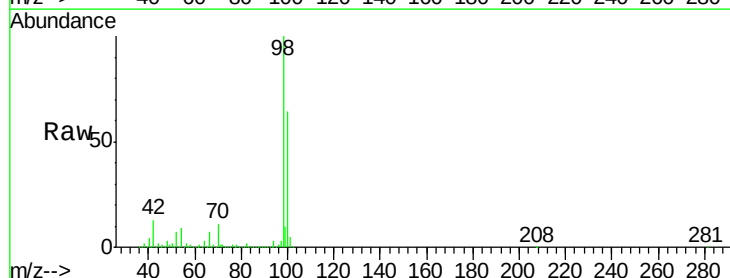
Acq: 08 May 2018 02:16

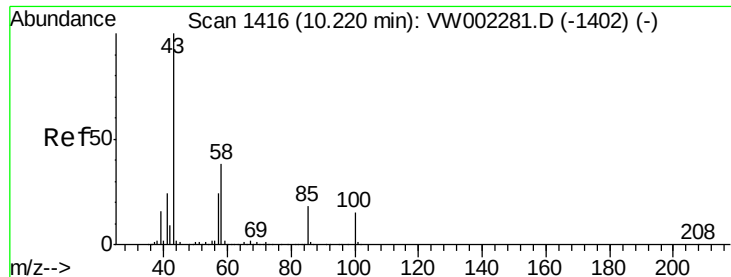
Tgt Ion: 98 Resp: 1509031

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.2

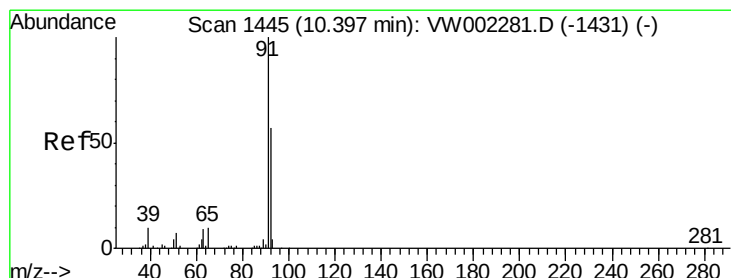
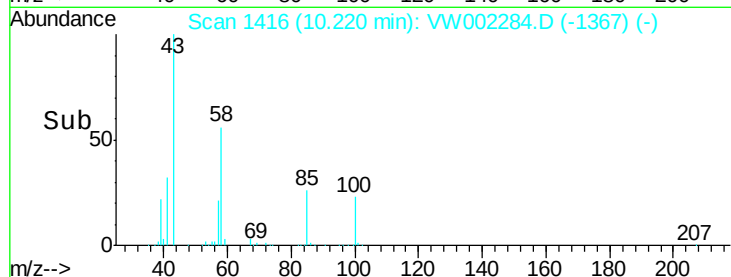
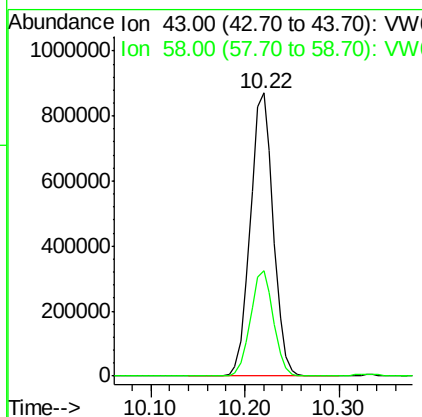
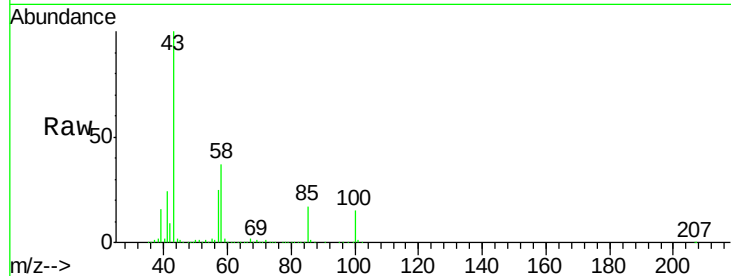




#51  
 4-Methyl-2-Pentanone  
 Concen: 1311.31 ug/l  
 RT: 10.22 min Scan# 1416  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

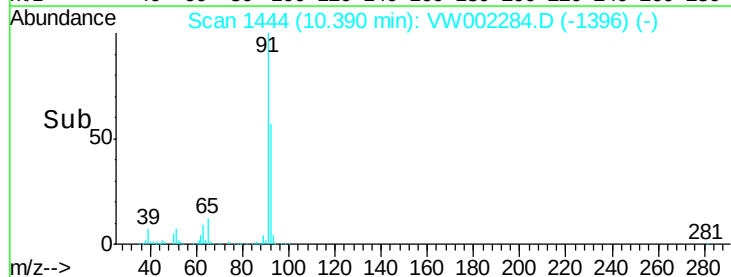
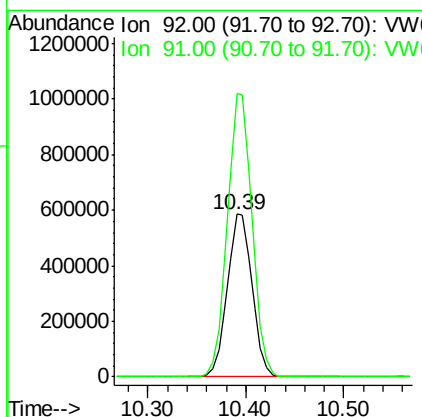
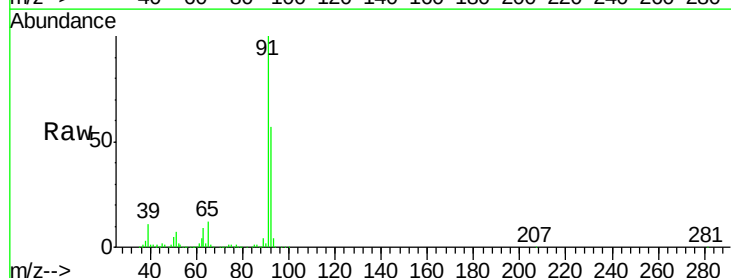
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

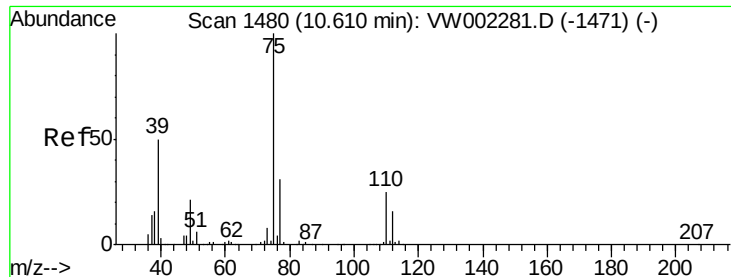
Tot Ion: 43 Resp: 1493030  
 Ion Ratio Lower Upper  
 43 100  
 58 37.3 30.2 45.2



#52  
 Toluene  
 Concen: 156.46 ug/l  
 RT: 10.39 min Scan# 1444  
 Delta R.T. -0.01 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

Tgt Ion: 92 Resp: 1023876  
 Ion Ratio Lower Upper  
 92 100  
 91 173.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 178.58 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

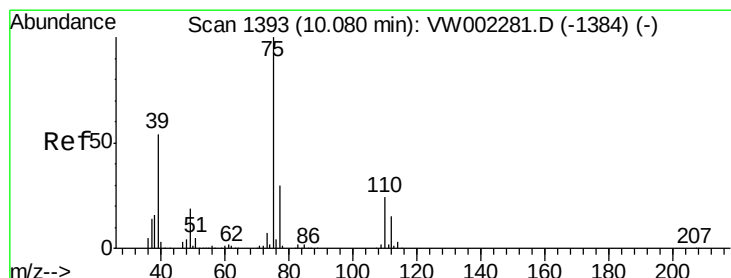
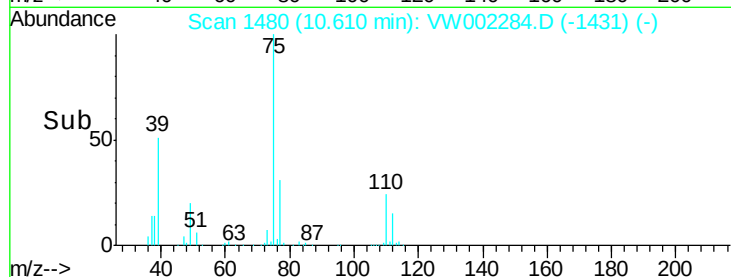
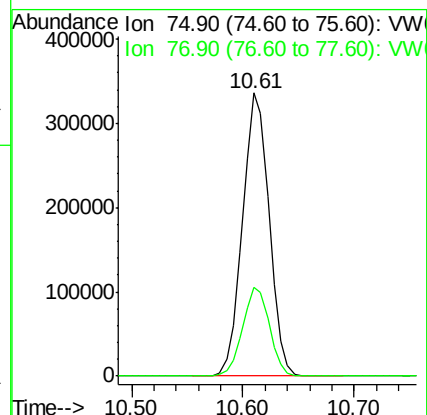
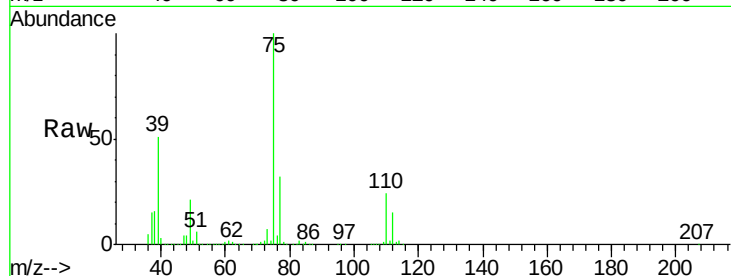
VSTDIC150

Tot Ion: 75 Resp: 555981

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 171.48 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

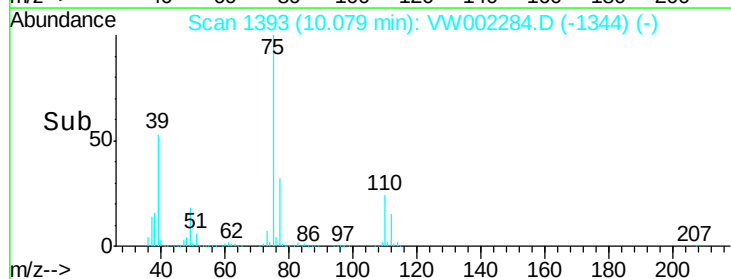
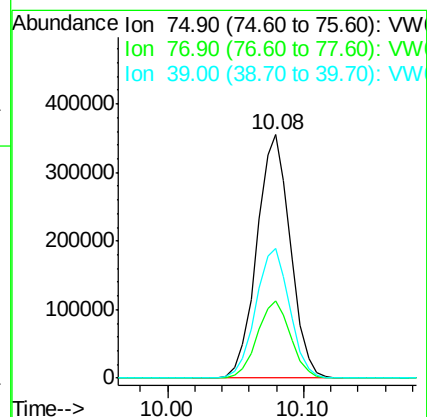
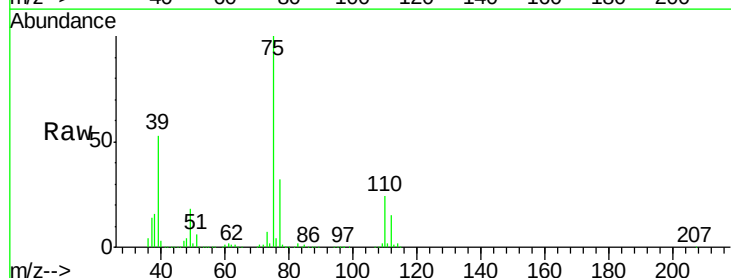
Tgt Ion: 75 Resp: 612140

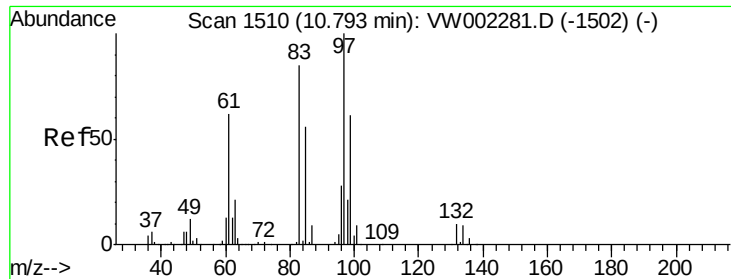
Ion Ratio Lower Upper

75 100

77 31.8 23.9 35.9

39 53.3 43.2 64.8

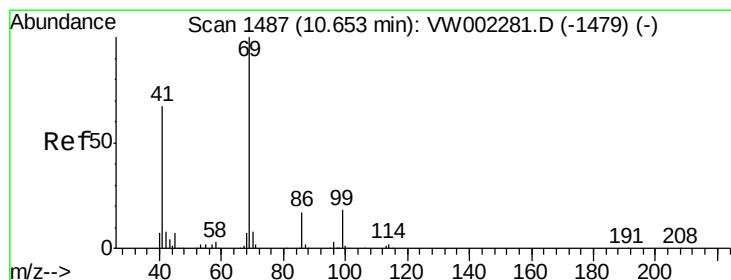
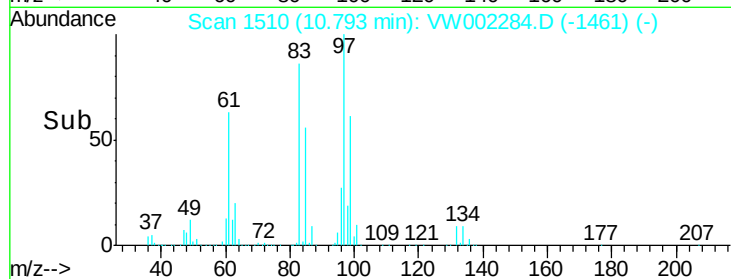
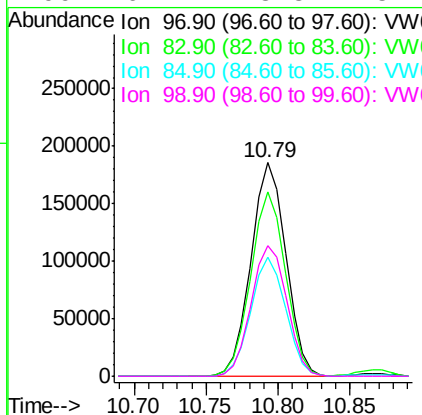
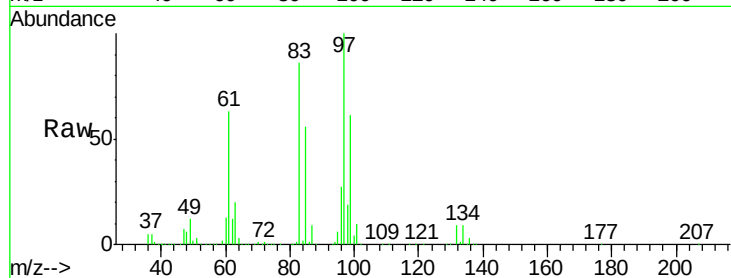




#55  
 1,1,2-Trichloroethane  
 Concen: 164.95 ug/l  
 RT: 10.79 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

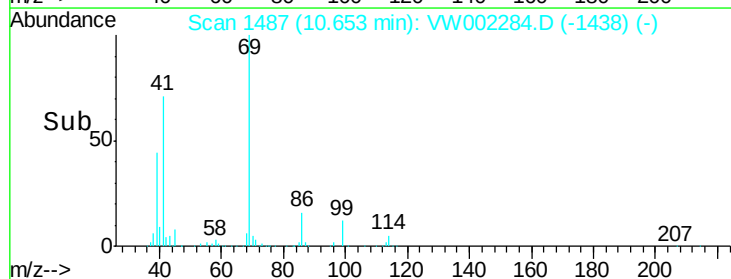
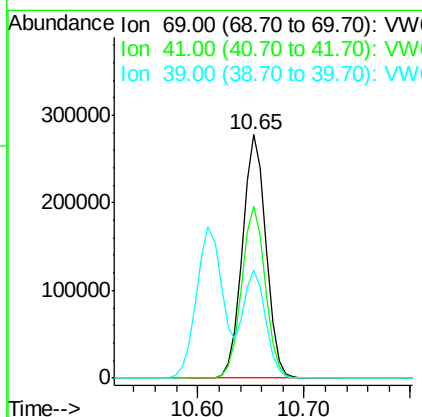
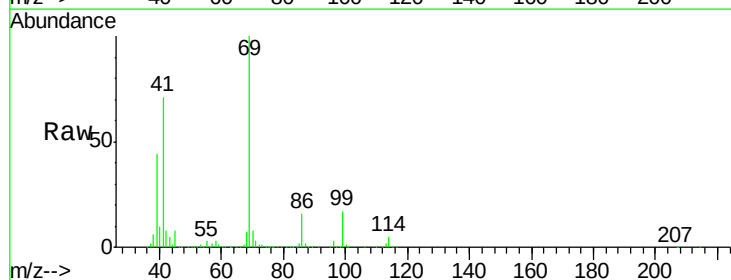
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC150

Tot Ion: 97 Resp: 311666  
 Ion Ratio Lower Upper  
 97 100  
 83 86.3 68.4 102.6  
 85 55.8 44.6 67.0  
 99 61.2 48.8 73.2

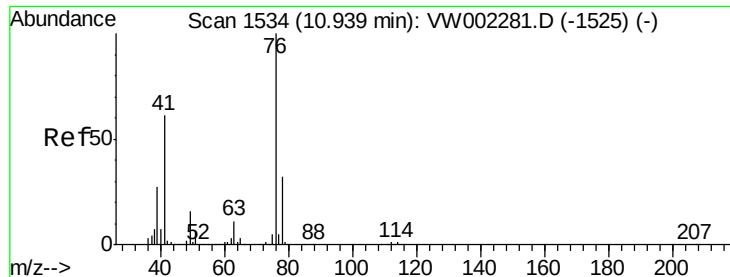


#56  
 Ethyl methacrylate  
 Concen: 221.52 ug/l  
 RT: 10.65 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

Tgt Ion: 69 Resp: 433034  
 Ion Ratio Lower Upper  
 69 100  
 41 70.4 56.0 84.0  
 39 41.6 32.7 49.1







#57

1,3-Dichloropropane

Concen: 179.67 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

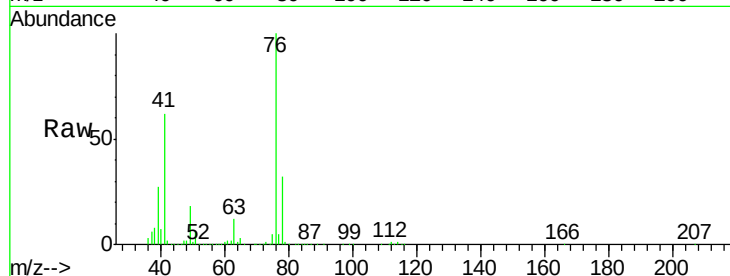
VSTDIC150

Tot Ion: 76 Resp: 531744

Ion Ratio Lower Upper

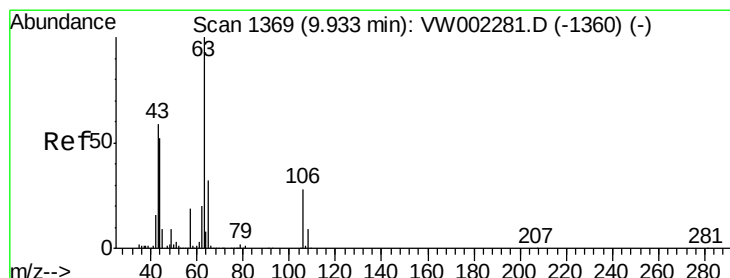
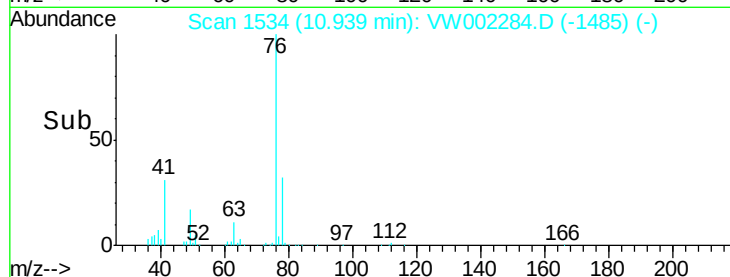
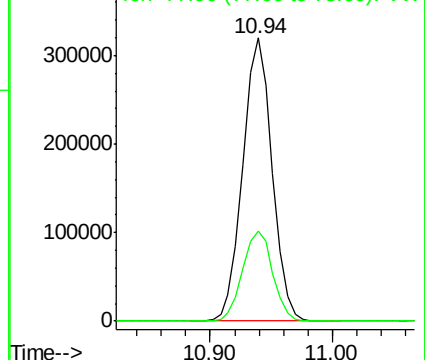
76 100

78 32.7 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 1221.88 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW002284.D

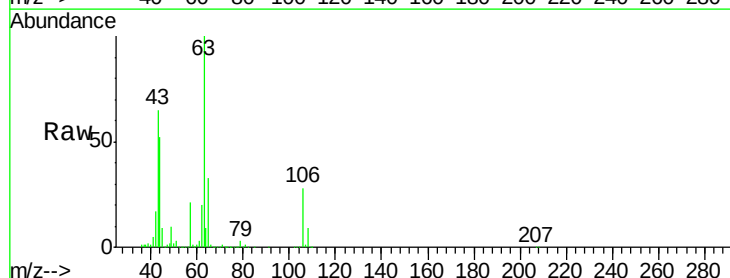
Acq: 08 May 2018 02:16

Tgt Ion: 63 Resp: 1039868

Ion Ratio Lower Upper

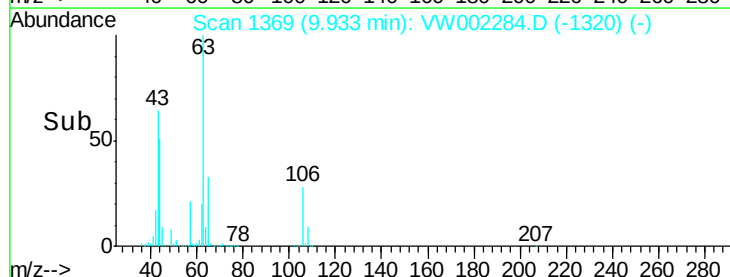
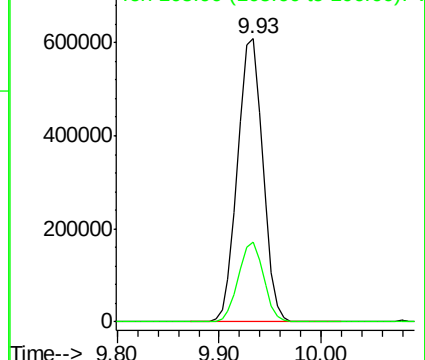
63 100

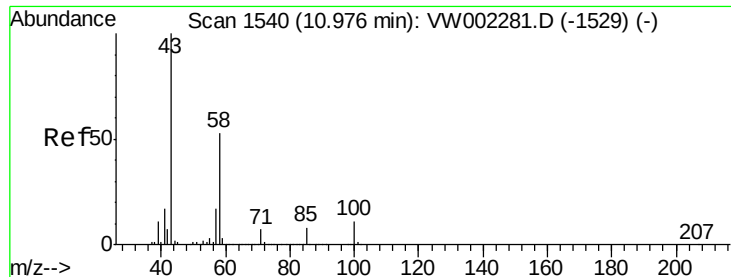
106 28.0 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

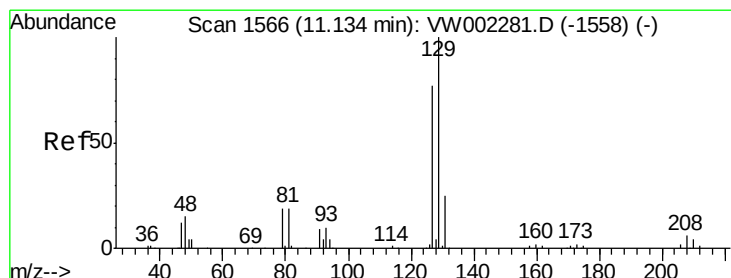
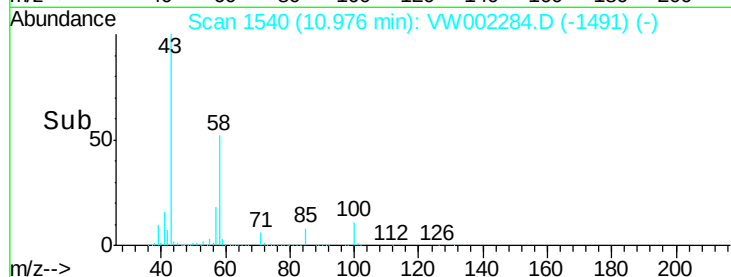
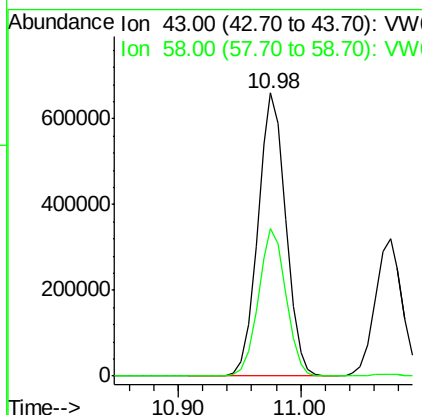
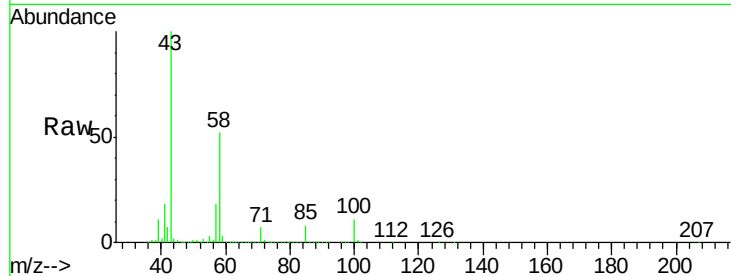




#59  
2-Hexanone  
Concen: 1283.59 ug/l  
RT: 10.98 min Scan# 1540  
Delta R.T. -0.00 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

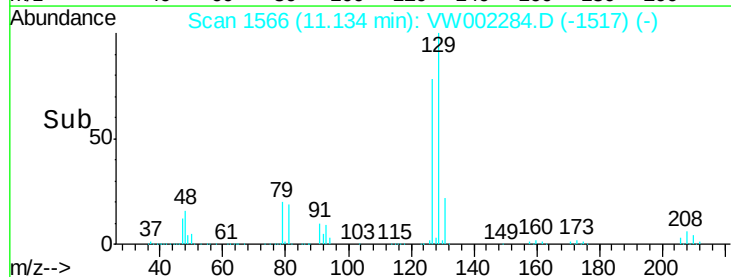
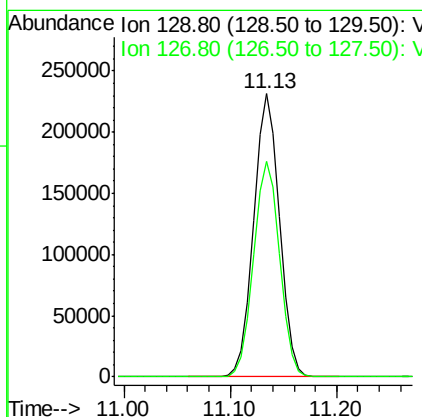
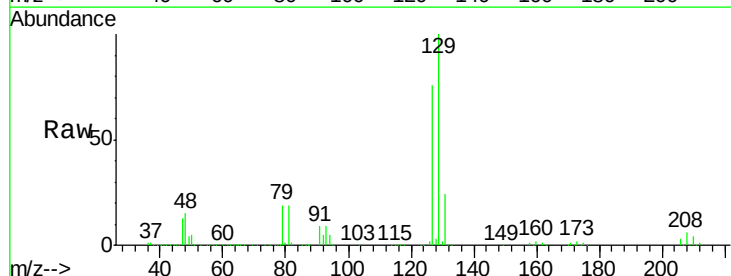
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

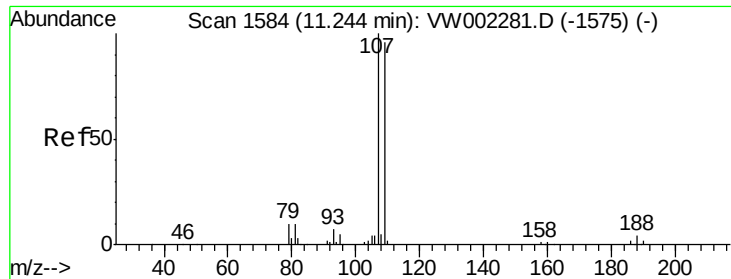
Tot Ion: 43 Resp: 1047727  
Ion Ratio Lower Upper  
43 100  
58 51.7 26.0 78.0



#60  
Dibromochloromethane  
Concen: 154.99 ug/l  
RT: 11.13 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

Tgt Ion: 129 Resp: 393979  
Ion Ratio Lower Upper  
129 100  
127 76.8 39.0 116.9

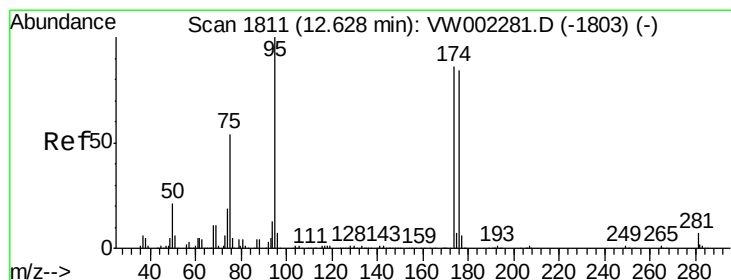
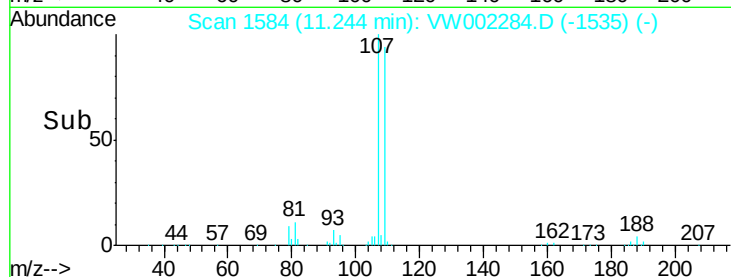
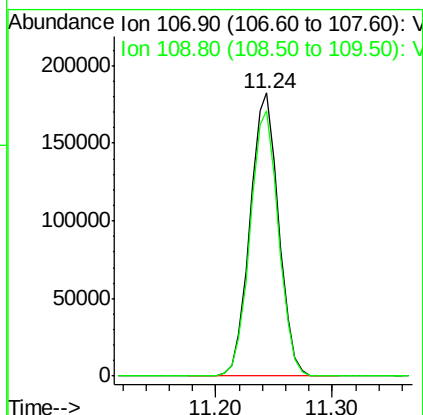
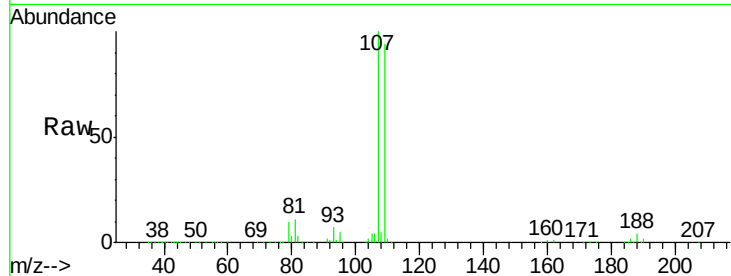




#61  
 1,2-Dibromoethane  
 Concen: 177.92 ug/l  
 RT: 11.24 min Scan# 1584  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

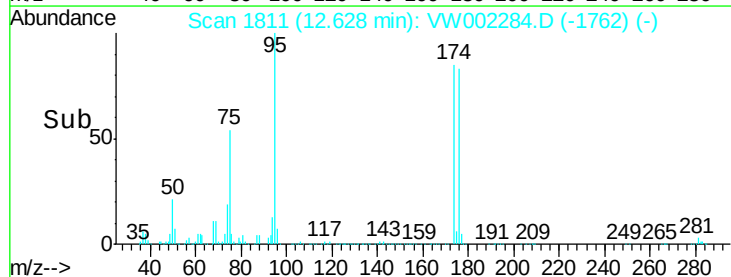
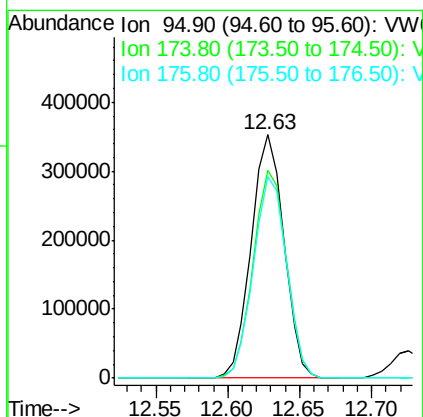
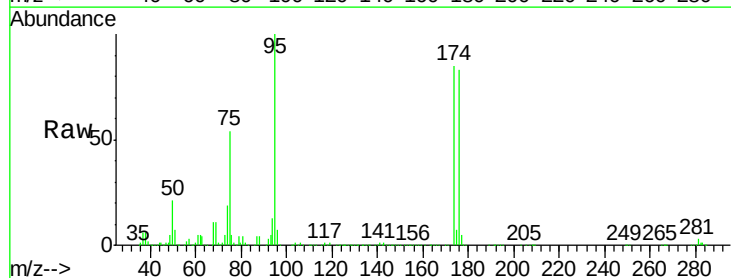
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

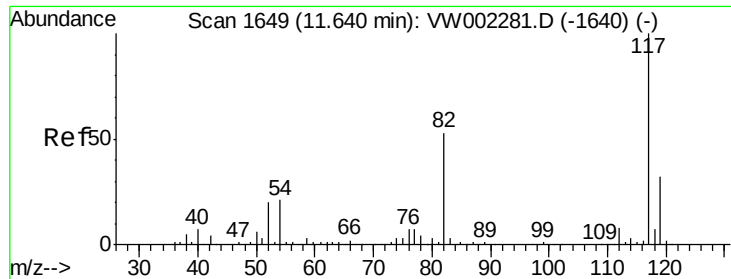
Tot Ion: 107 Resp: 311706  
 Ion Ratio Lower Upper  
 107 100  
 109 93.4 75.9 113.9



#62  
 4-Bromofluorobenzene  
 Concen: 157.46 ug/l  
 RT: 12.63 min Scan# 1811  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

Tgt Ion: 95 Resp: 555020  
 Ion Ratio Lower Upper  
 95 100  
 174 86.6 0.0 176.8  
 176 83.8 0.0 170.4

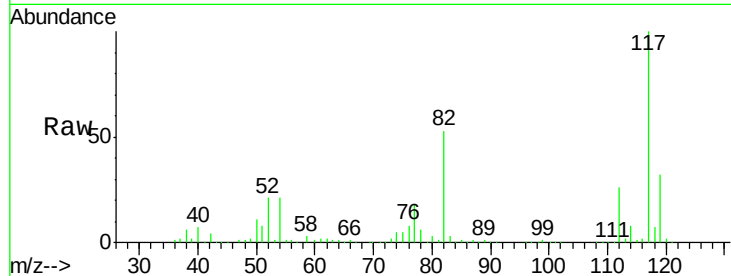




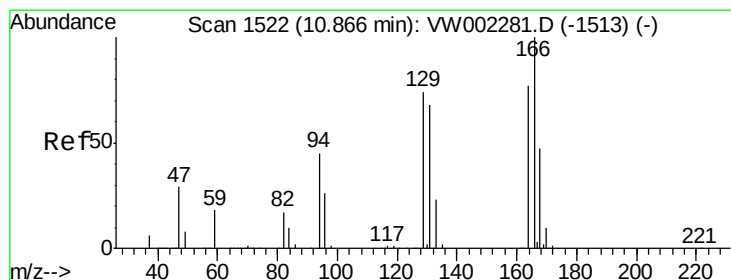
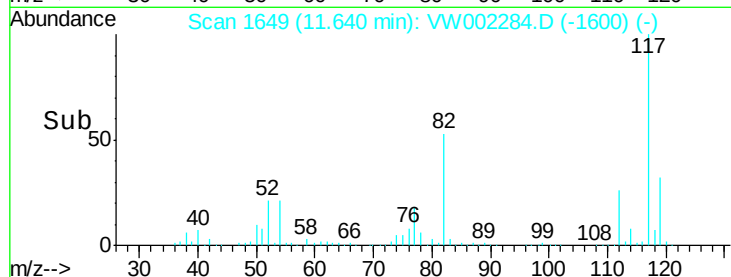
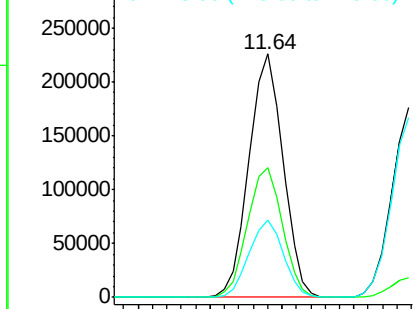
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.64 min Scan# 1649  
Delta R.T. -0.00 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

Tot Ion:117 Resp: 370377  
Ion Ratio Lower Upper  
117 100  
82 53.5 42.6 63.8  
119 31.9 25.2 37.8

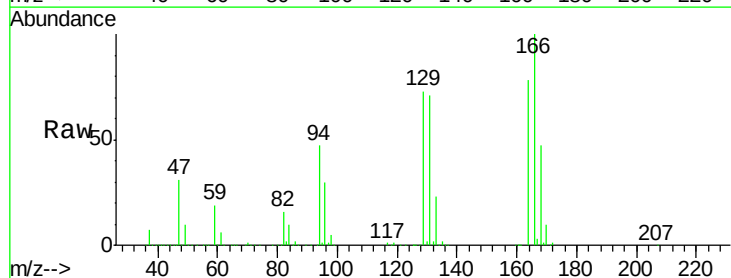


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

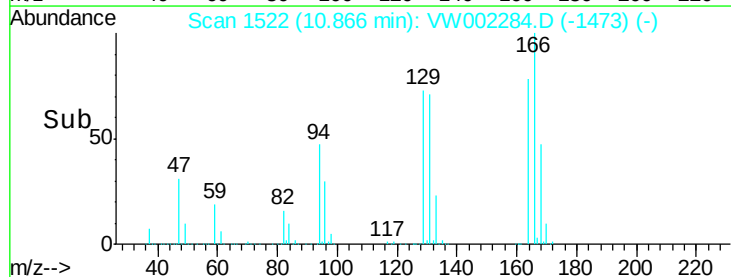
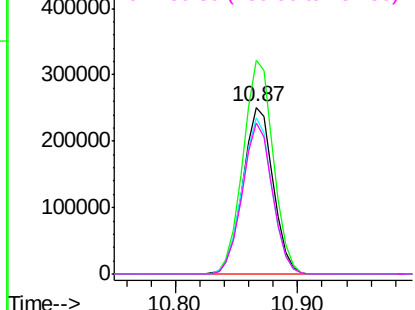


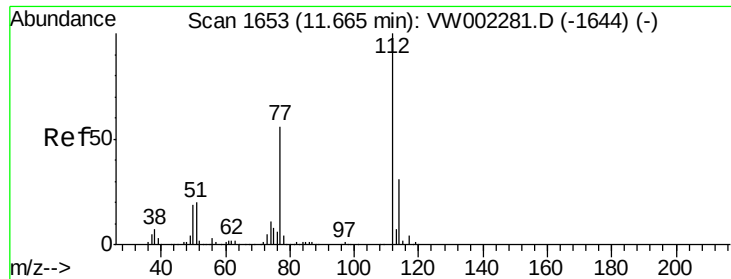
#64  
Tetrachloroethene  
Concen: 136.89 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. -0.00 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

Tgt Ion:164 Resp: 431944  
Ion Ratio Lower Upper  
164 100  
166 128.1 103.3 154.9  
129 93.3 76.6 114.8  
131 90.9 70.7 106.1



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 145.20 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

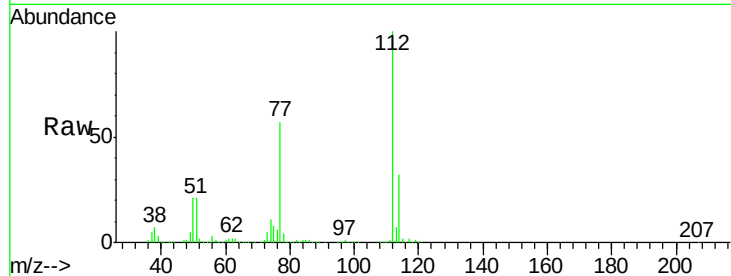
VSTDIC150

Tot Ion:112 Resp: 1142410

Ion Ratio Lower Upper

112 100

114 32.0 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

800000

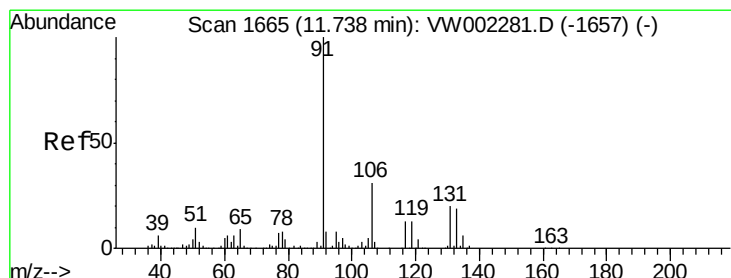
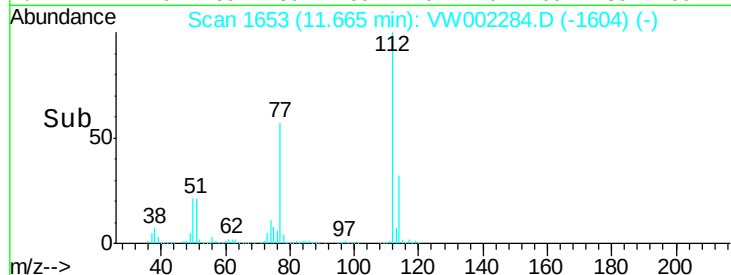
600000

400000

200000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 142.62 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

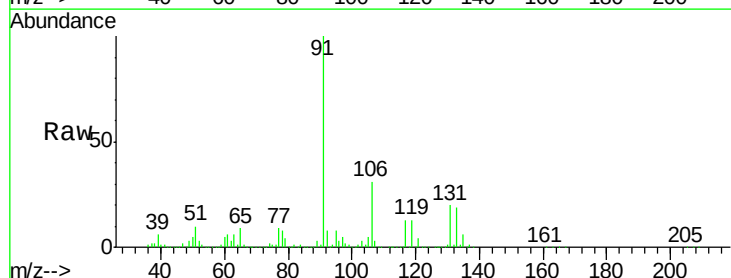
Tgt Ion:131 Resp: 425323

Ion Ratio Lower Upper

131 100

133 95.2 47.8 143.3

119 64.2 32.0 96.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.74

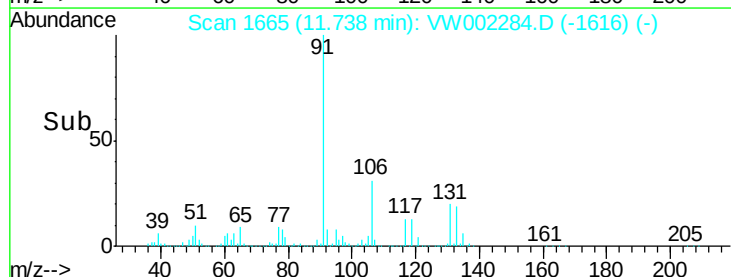
300000

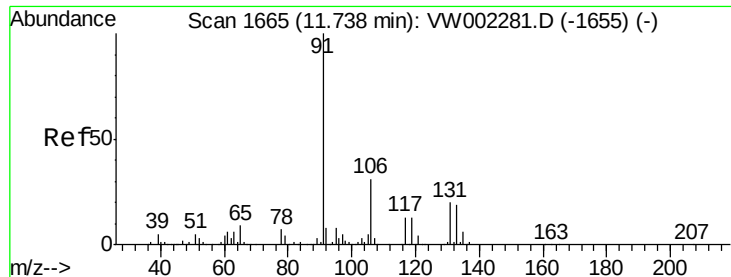
200000

100000

0

Time-->

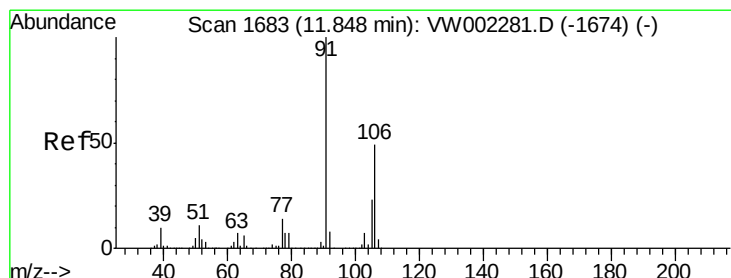
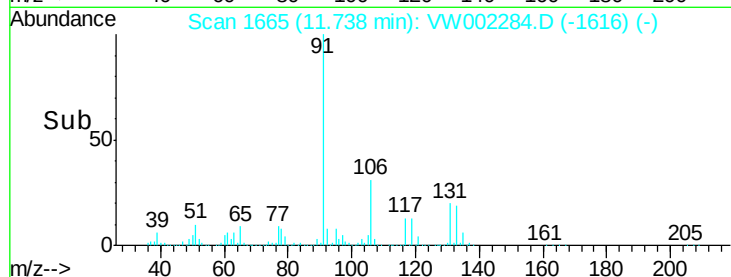
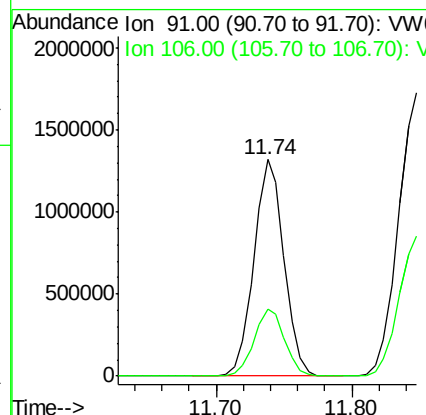
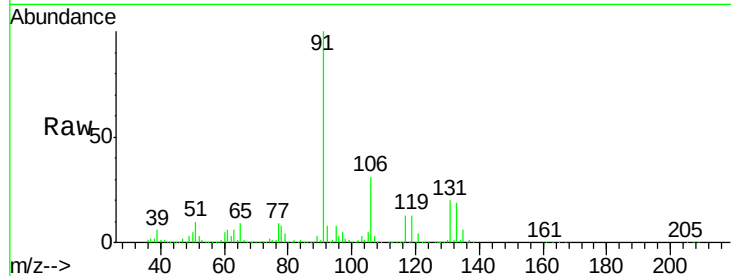




#67  
Ethyl Benzene  
Concen: 158.91 ug/l  
RT: 11.74 min Scan# 1665  
Delta R.T. -0.00 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

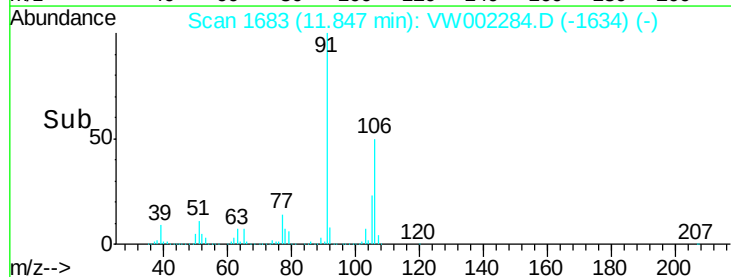
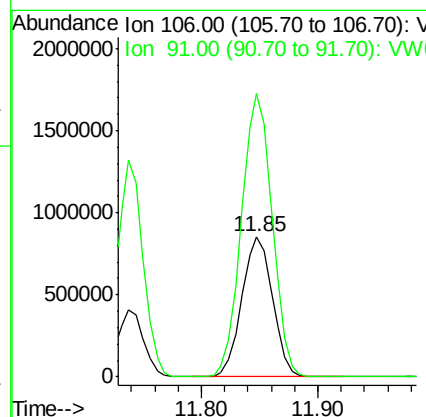
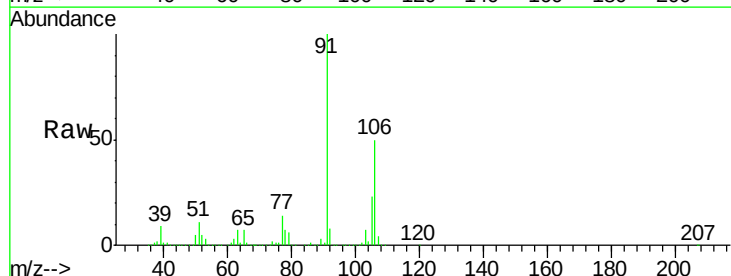
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

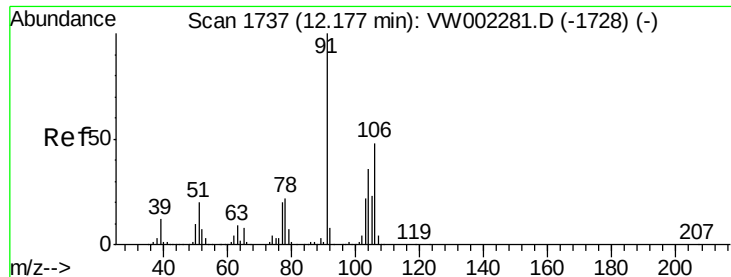
Tot Ion: 91 Resp: 2041216  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.9 37.3



#68  
m/p-Xylenes  
Concen: 304.19 ug/l  
RT: 11.85 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

Tgt Ion:106 Resp: 1572694  
Ion Ratio Lower Upper  
106 100  
91 201.9 161.4 242.0

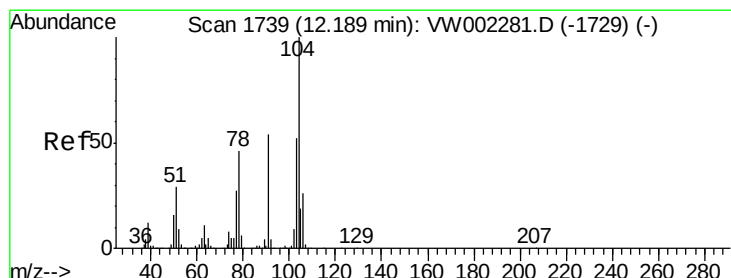
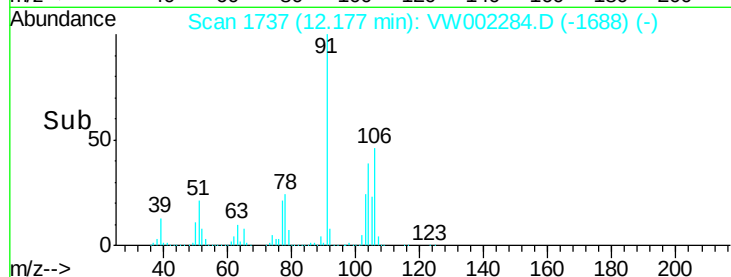
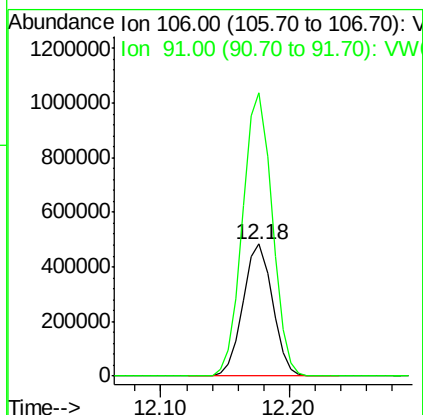
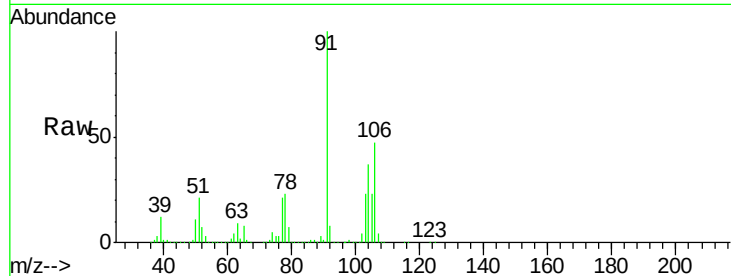




#69  
o-Xylene  
Concen: 164.30 ug/l  
RT: 12.18 min Scan# 1737  
Delta R.T. -0.00 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

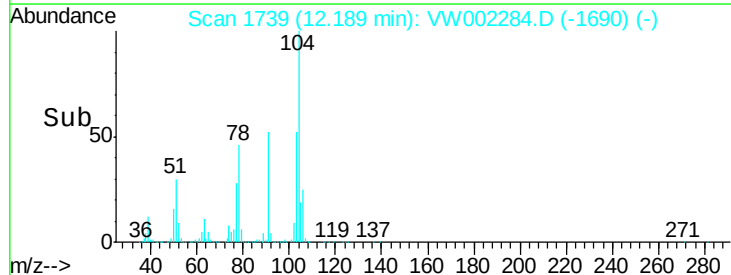
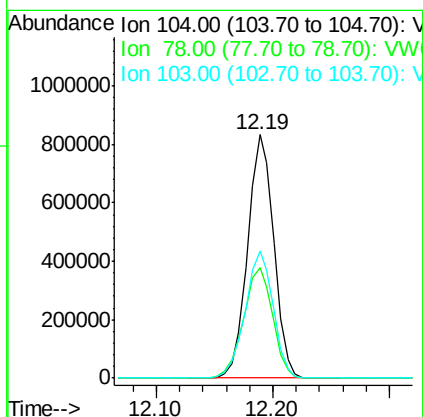
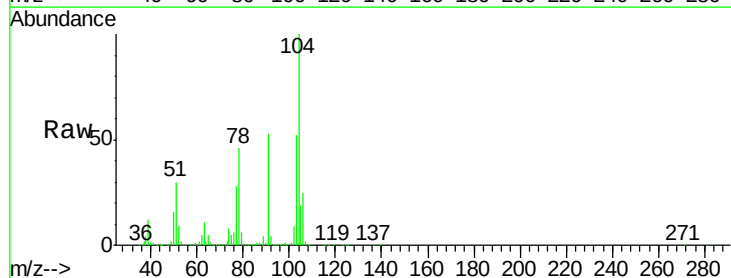
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

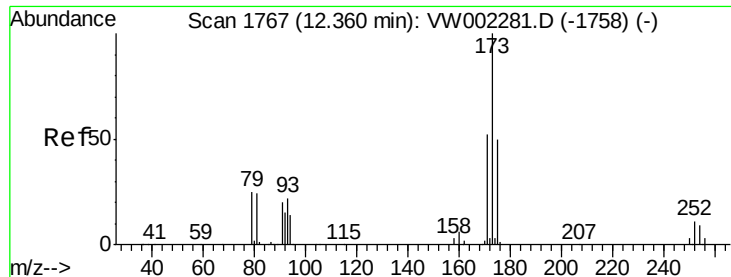
Tot Ion:106 Resp: 764653  
Ion Ratio Lower Upper  
106 100  
91 215.0 107.1 321.1



#70  
Styrene  
Concen: 168.96 ug/l  
RT: 12.19 min Scan# 1739  
Delta R.T. -0.00 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

Tgt Ion:104 Resp: 1309332  
Ion Ratio Lower Upper  
104 100  
78 50.4 39.6 59.4  
103 55.8 44.4 66.6





#71

Bromoform

Concen: 158.56 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

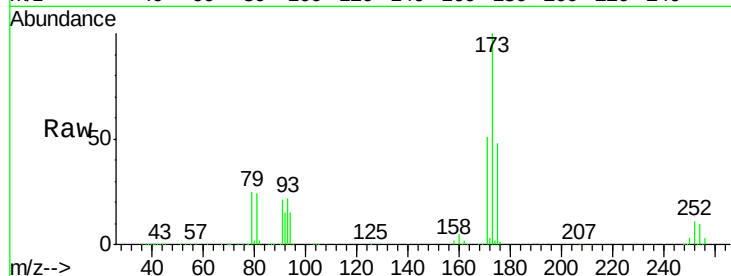
Tot Ion:173 Resp: 260284

Ion Ratio Lower Upper

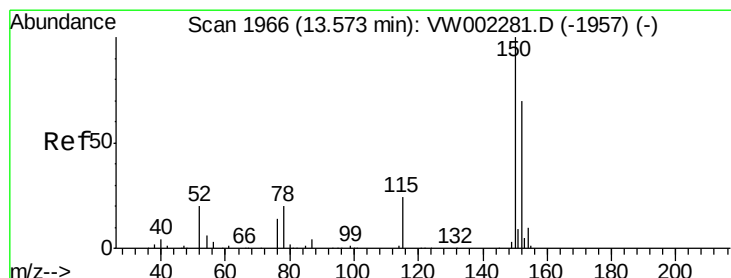
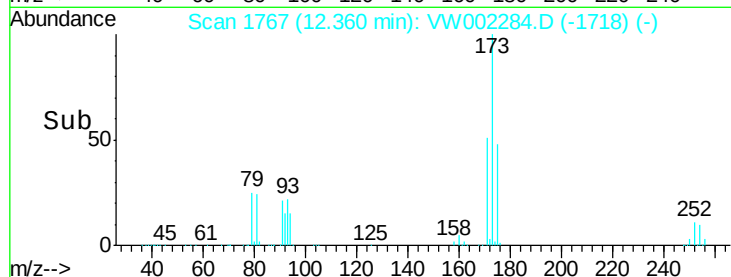
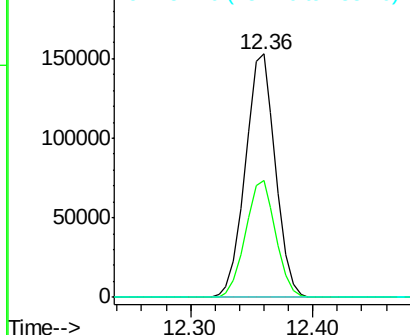
173 100

175 48.3 24.3 72.9

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

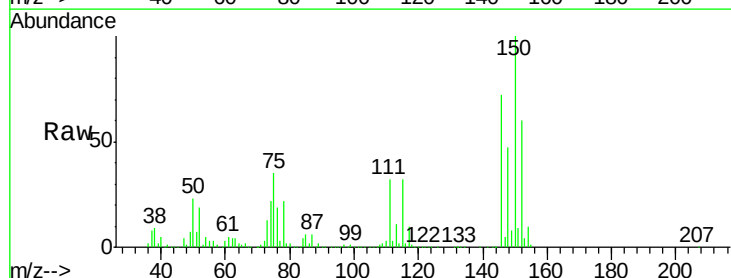
Tgt Ion:152 Resp: 198152

Ion Ratio Lower Upper

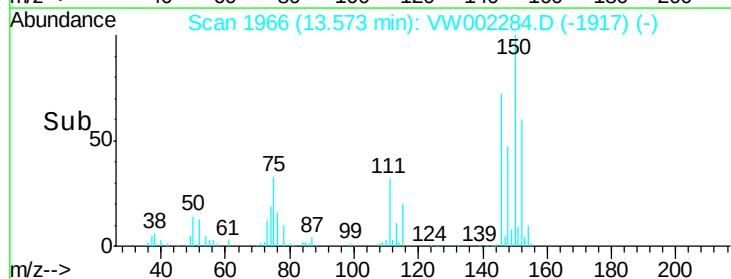
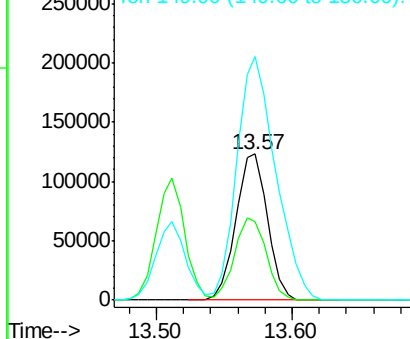
152 100

115 56.1 28.5 85.5

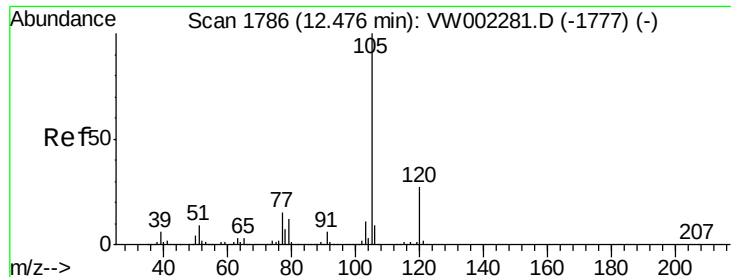
150 206.2 0.0 342.6



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: 170.55 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

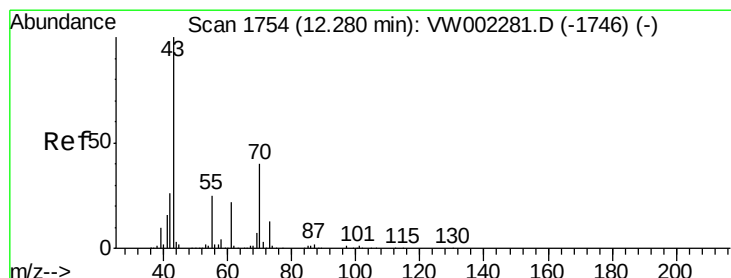
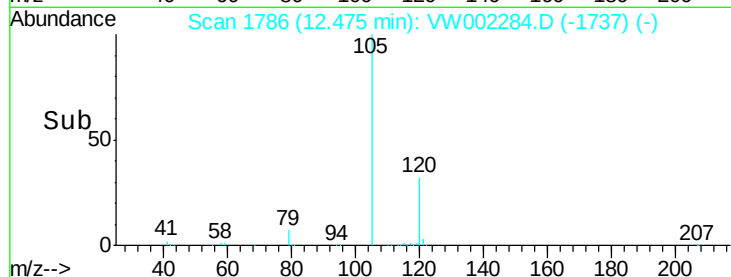
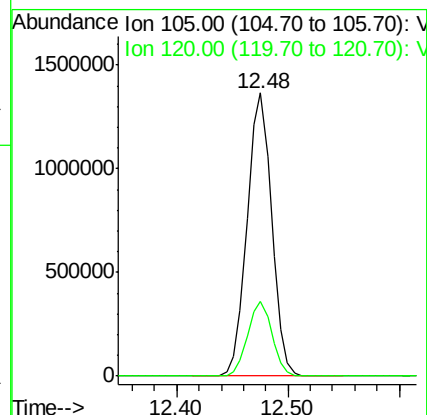
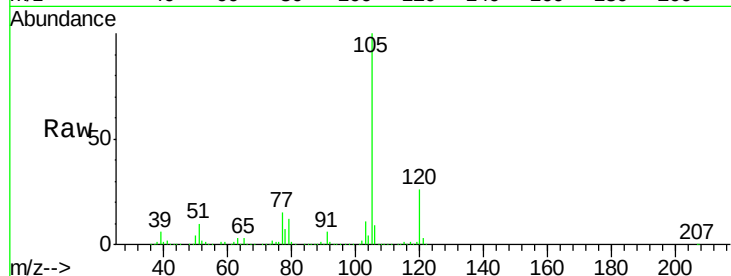
VSTDIC150

Tot Ion:105 Resp: 2090401

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 287.05 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Tgt Ion: 43 Resp: 570077

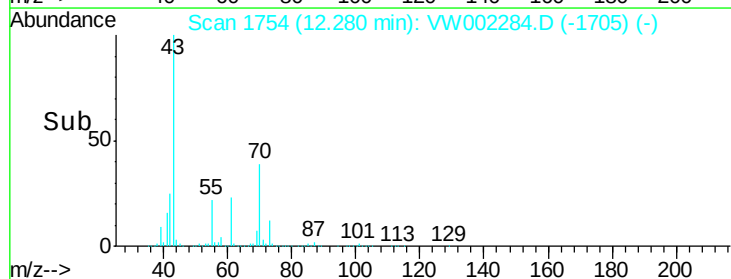
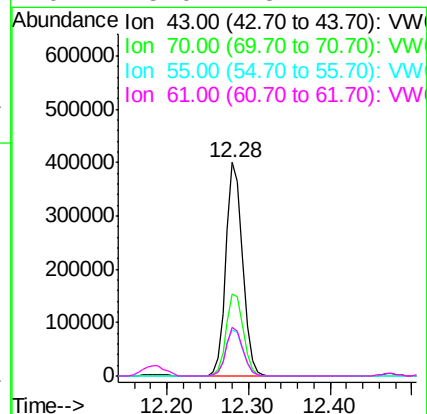
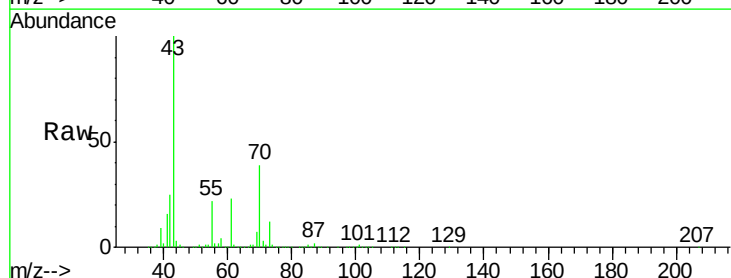
Ion Ratio Lower Upper

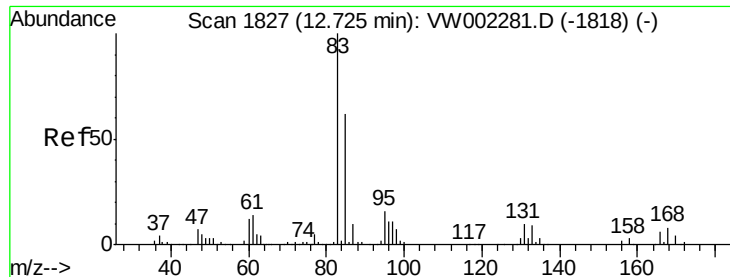
43 100

70 39.5 31.9 47.9

55 22.6 19.9 29.9

61 23.0 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 206.67 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

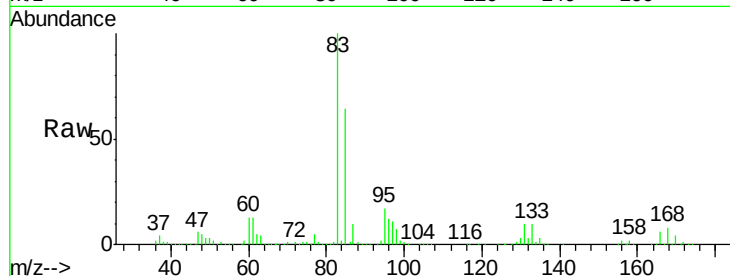
Tot Ion: 83 Resp: 385753

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.5

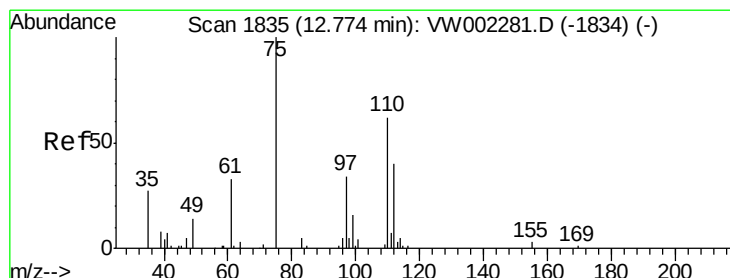
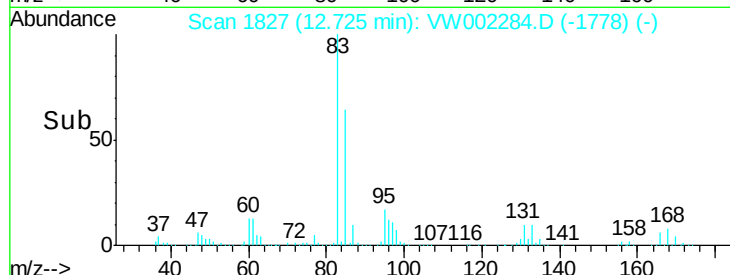
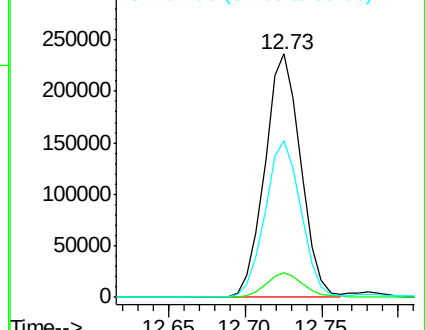
85 64.4 31.5 94.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 220.04 ug/l m

RT: 12.78 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VW002284.D

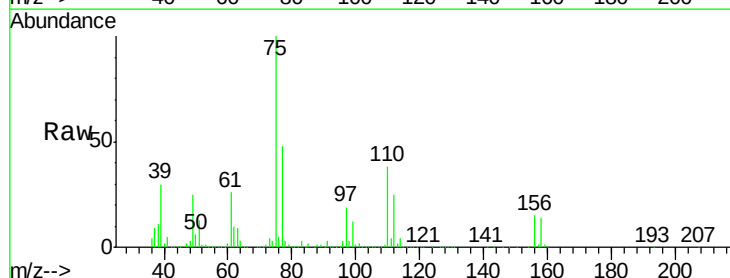
Acq: 08 May 2018 02:16

Tgt Ion: 75 Resp: 295135

Ion Ratio Lower Upper

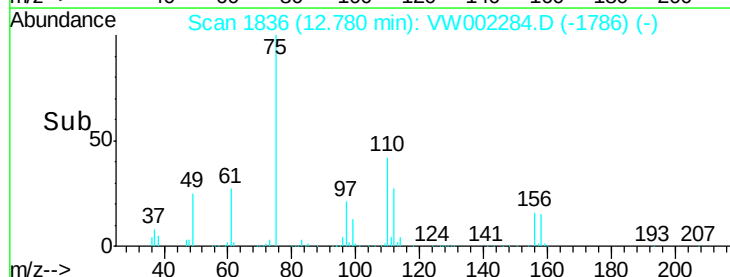
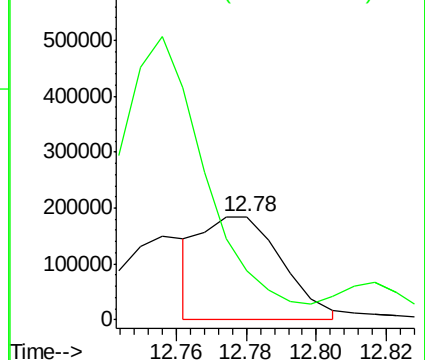
75 100

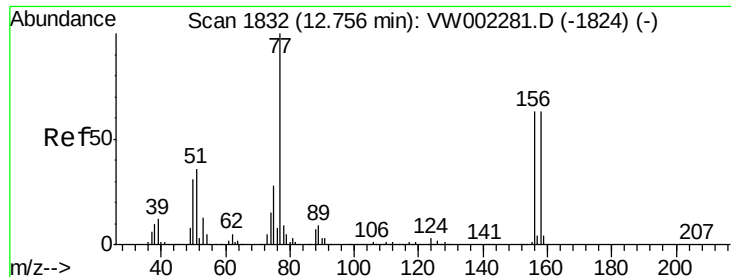
77 0.0 187.5 562.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 155.56 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

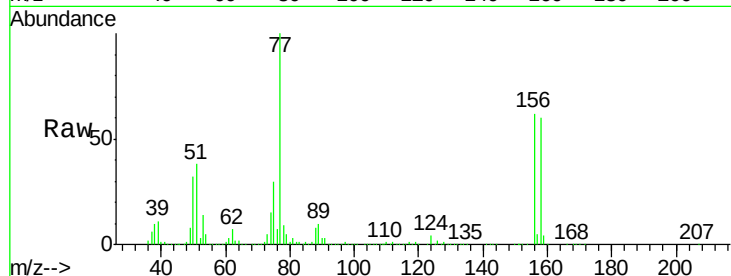
Tot Ion:156 Resp: 498788

Ion Ratio Lower Upper

156 100

77 182.2 87.7 263.1

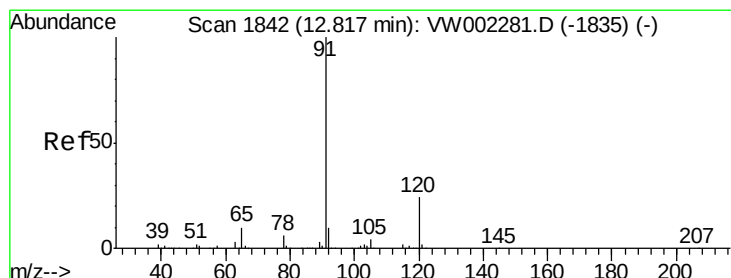
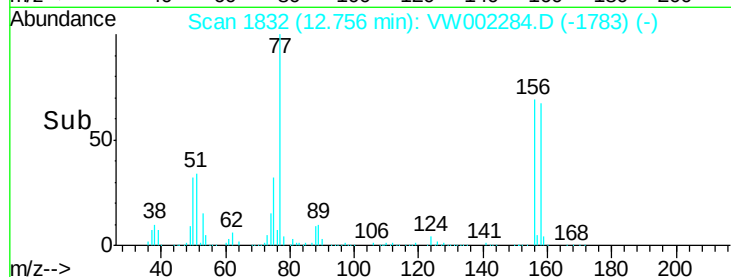
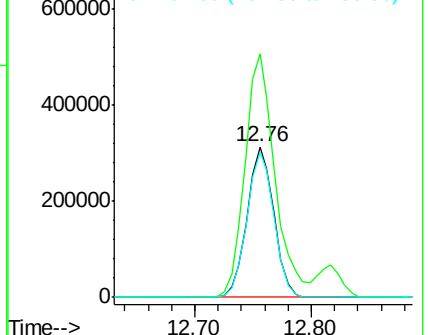
158 97.6 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 169.83 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW002284.D

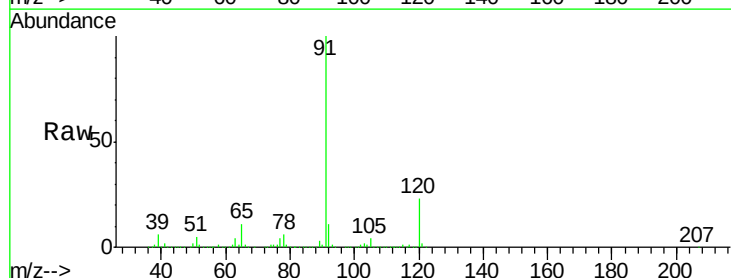
Acq: 08 May 2018 02:16

Tgt Ion: 91 Resp: 2433435

Ion Ratio Lower Upper

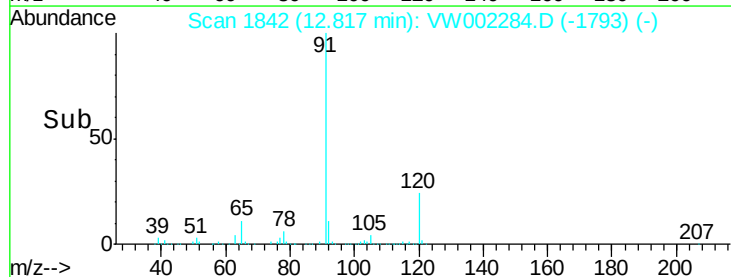
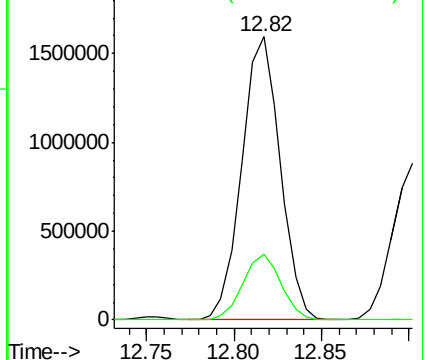
91 100

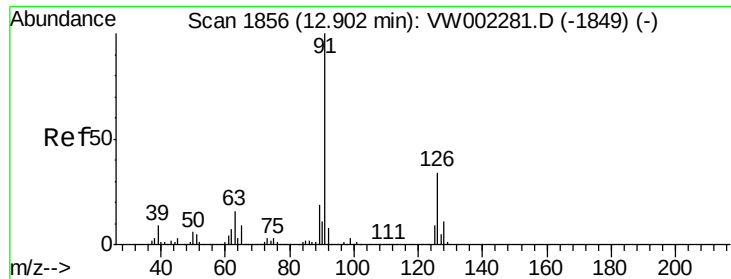
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

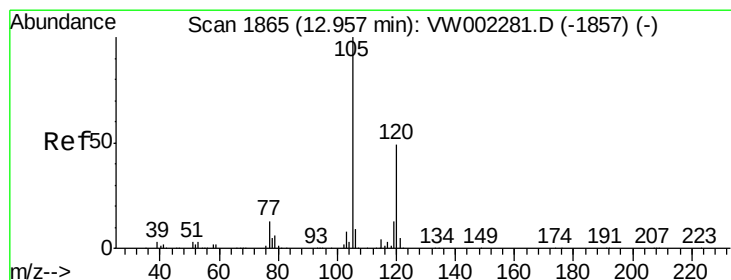
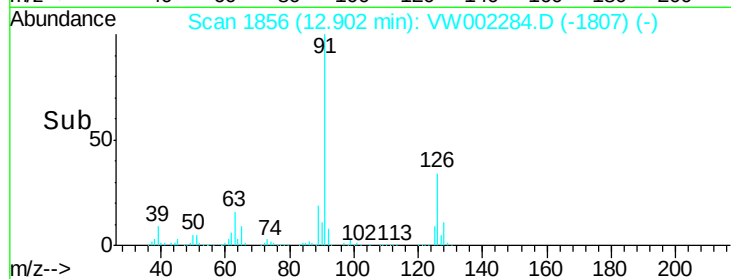
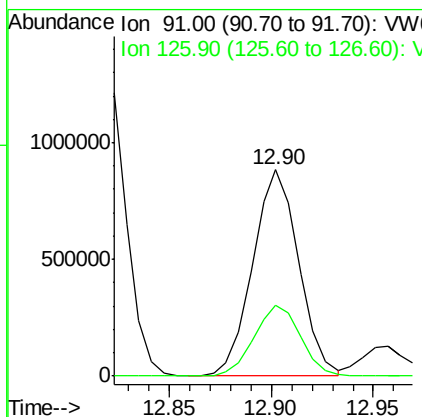
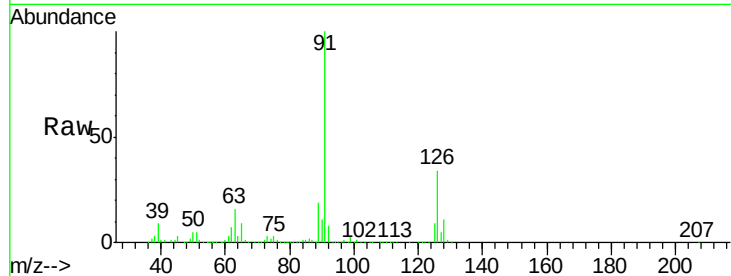




#79  
 2-Chlorotoluene  
 Concen: 164.92 ug/l  
 RT: 12.90 min Scan# 1856  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

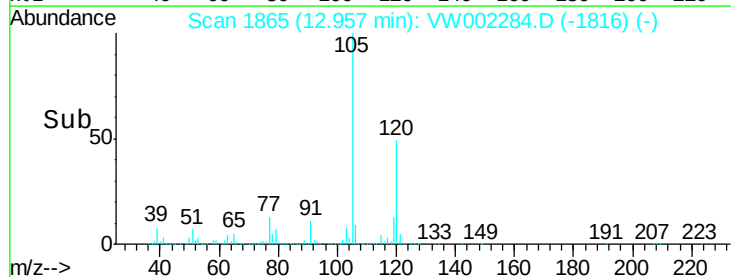
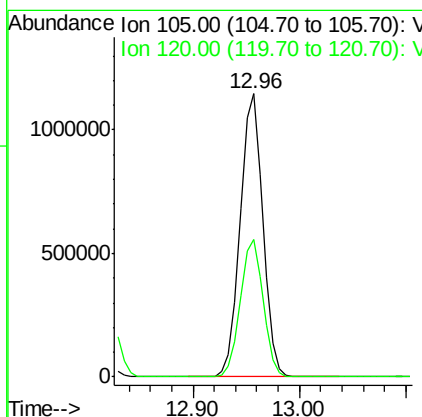
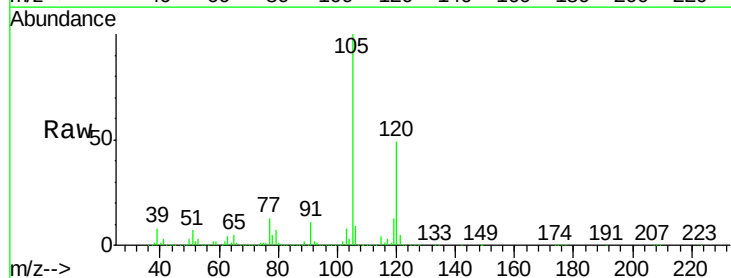
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

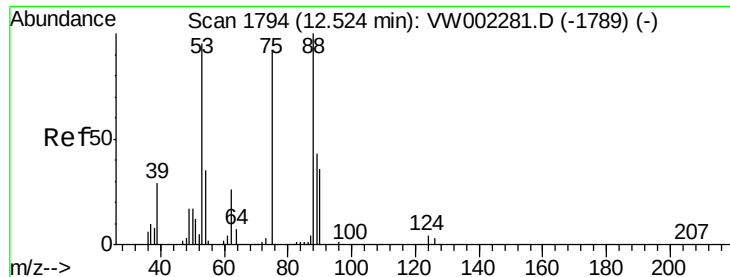
Tot Ion: 91 Resp: 1387587  
 Ion Ratio Lower Upper  
 91 100  
 126 34.7 17.2 51.6



#80  
 1,3,5-Trimethylbenzene  
 Concen: 160.72 ug/l  
 RT: 12.96 min Scan# 1865  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

Tgt Ion:105 Resp: 1719495  
 Ion Ratio Lower Upper  
 105 100  
 120 48.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 236.14 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

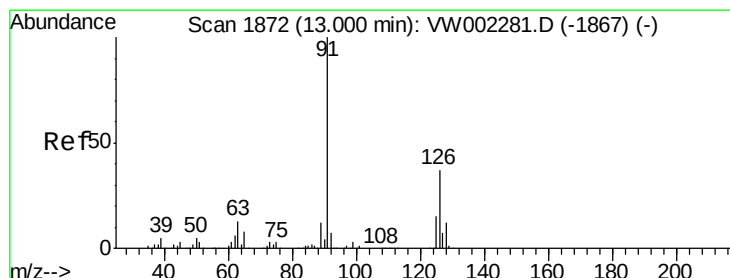
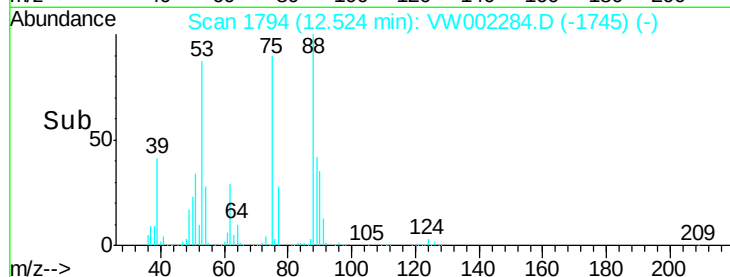
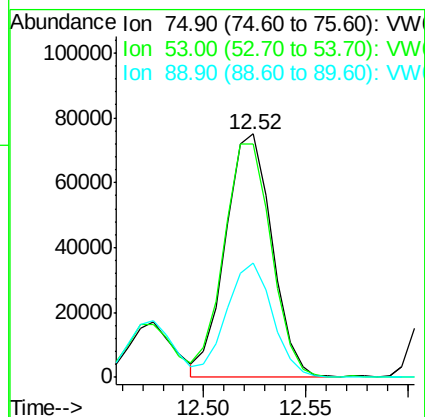
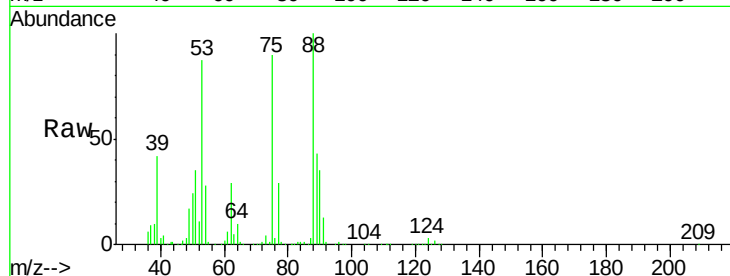
Tot Ion: 75 Resp: 117859

Ion Ratio Lower Upper

75 100

53 98.3 79.9 119.9

89 47.3 37.6 56.4



#82

4-Chlorotoluene

Concen: 156.31 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VW002284.D

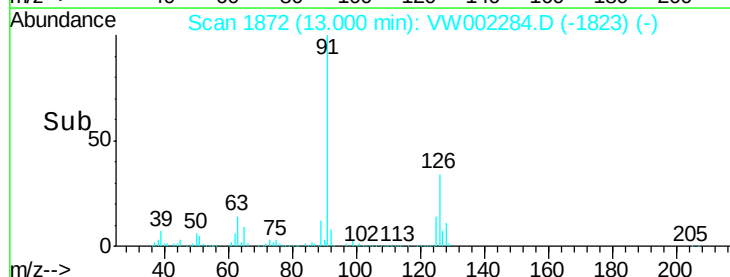
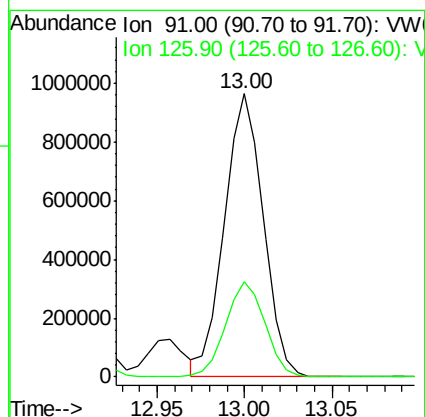
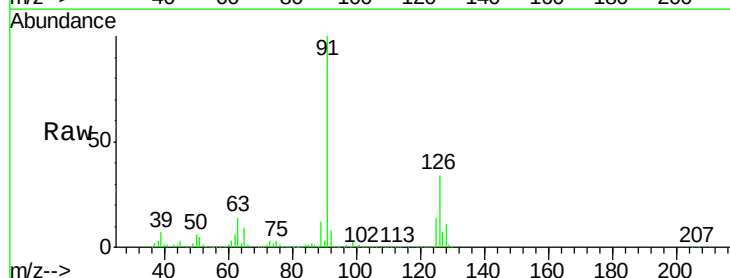
Acq: 08 May 2018 02:16

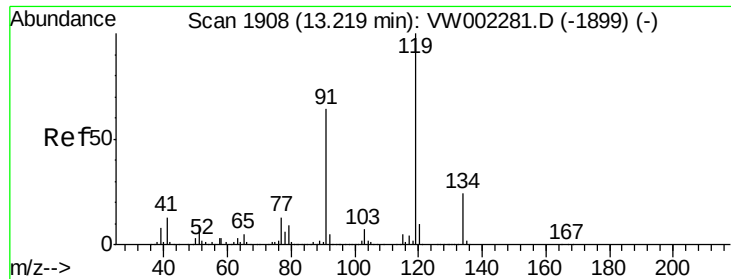
Tgt Ion: 91 Resp: 1483746

Ion Ratio Lower Upper

91 100

126 34.0 17.4 52.3

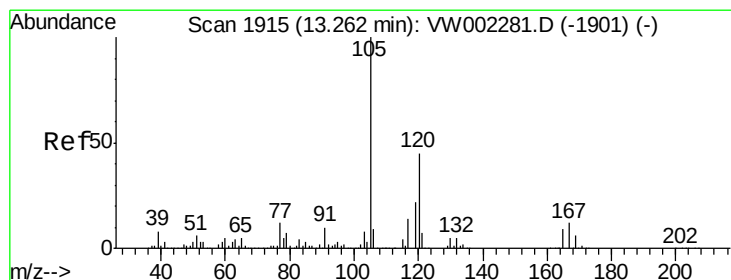
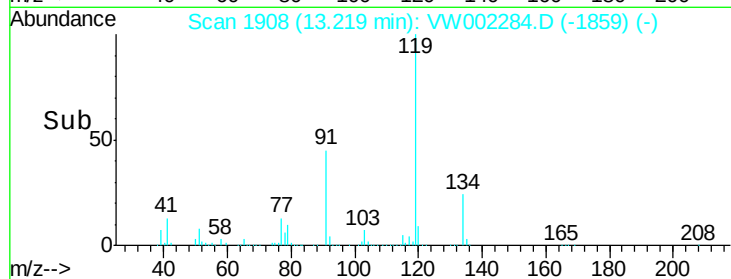
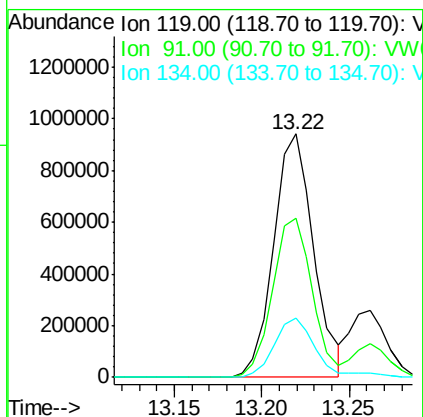
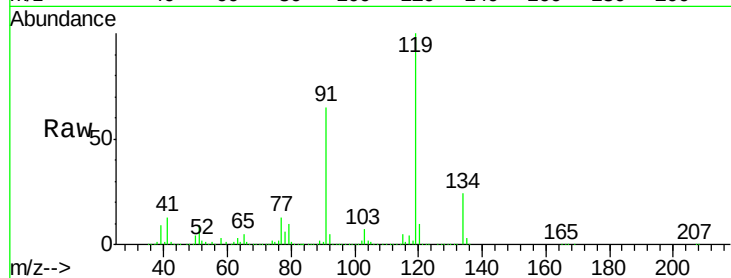




#83  
 tert-Butylbenzene  
 Concen: 159.42 ug/l  
 RT: 13.22 min Scan# 1908  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

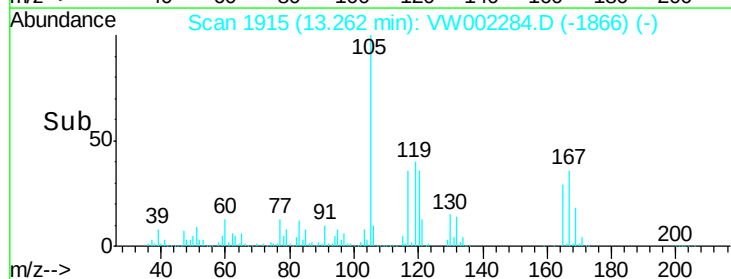
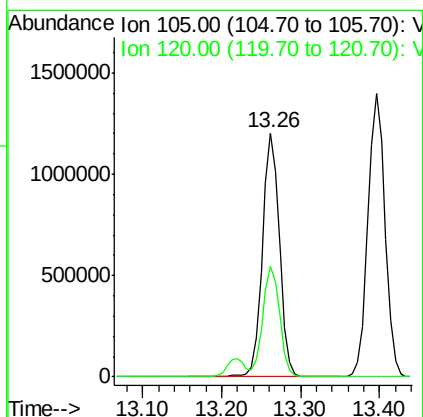
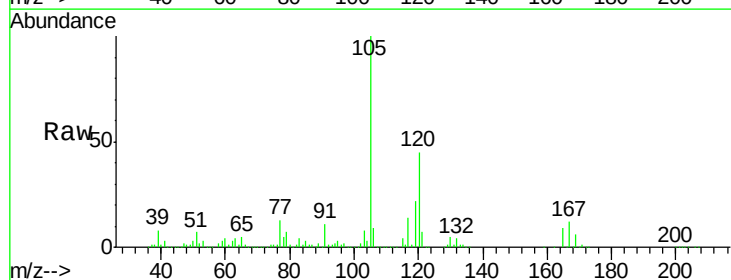
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

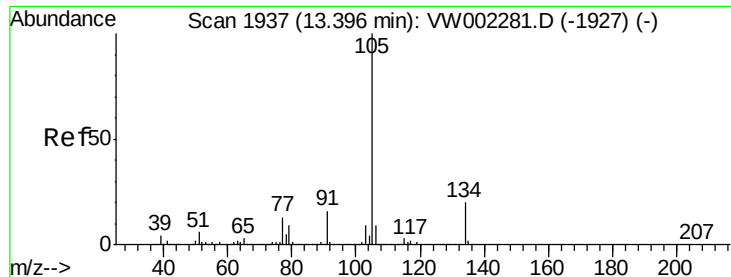
Tot Ion:119 Resp: 1497226  
 Ion Ratio Lower Upper  
 119 100  
 91 64.9 31.6 94.8  
 134 25.5 13.1 39.3



#84  
 1,2,4-Trimethylbenzene  
 Concen: 163.08 ug/l  
 RT: 13.26 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

Tgt Ion:105 Resp: 1793399  
 Ion Ratio Lower Upper  
 105 100  
 120 44.9 22.5 67.5





#85

sec-Butylbenzene

Concen: 161.17 ug/l

RT: 13.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

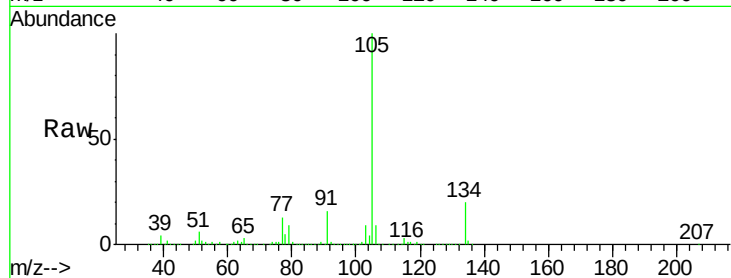
VSTDIC150

Tot Ion:105 Resp: 2098785

Ion Ratio Lower Upper

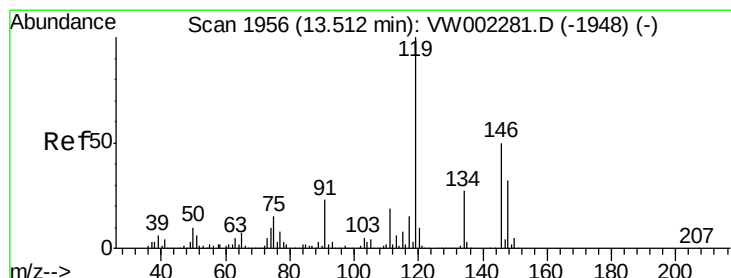
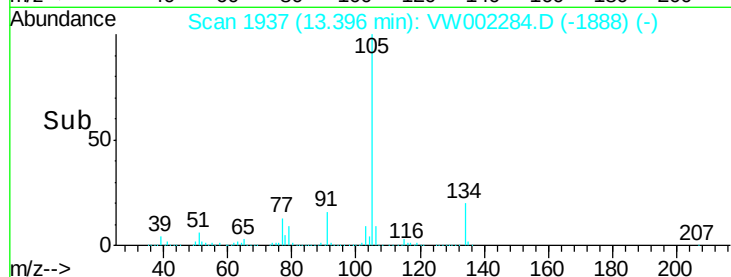
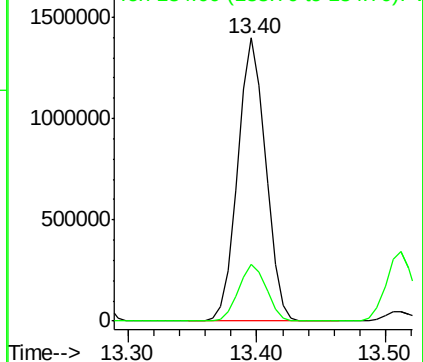
105 100

134 20.1 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 159.43 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

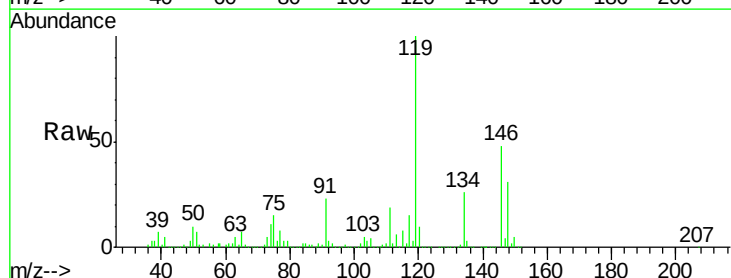
Tgt Ion:119 Resp: 1909235

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

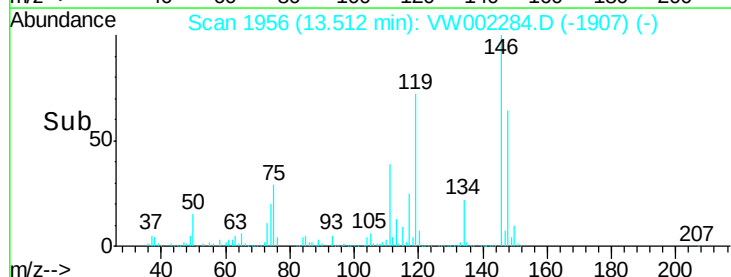
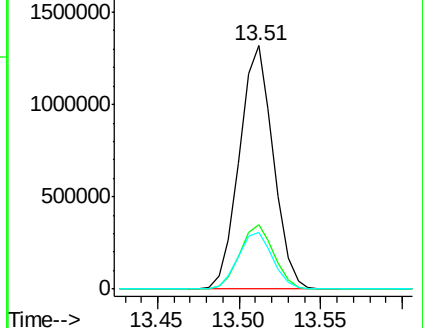
91 23.8 11.8 35.3

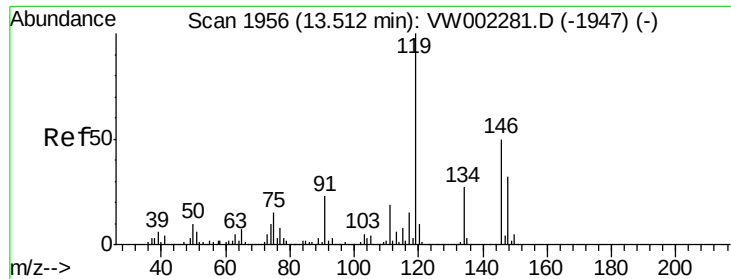


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

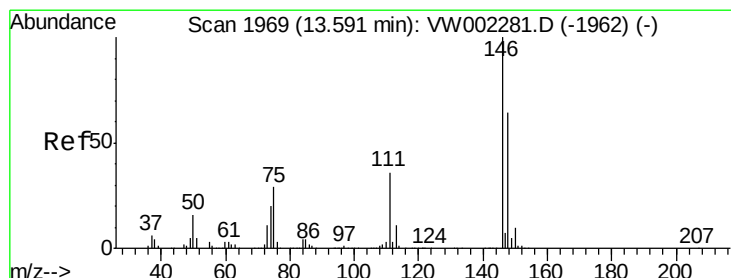
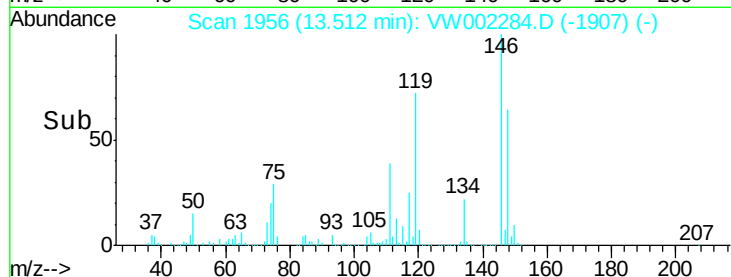
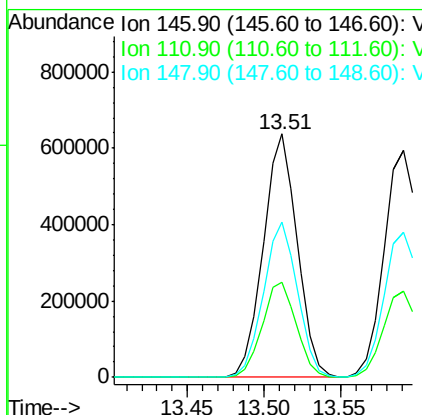
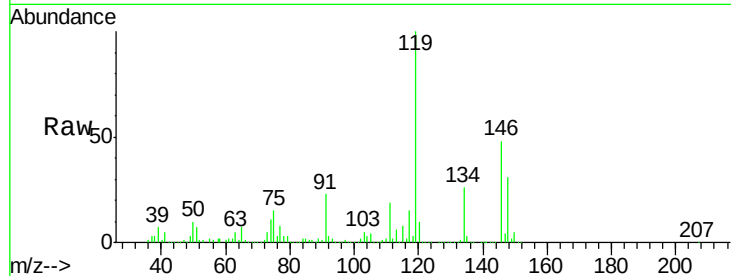




#87  
 1,3-Dichlorobenzene  
 Concen: 150.06 ug/l  
 RT: 13.51 min Scan# 1956  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

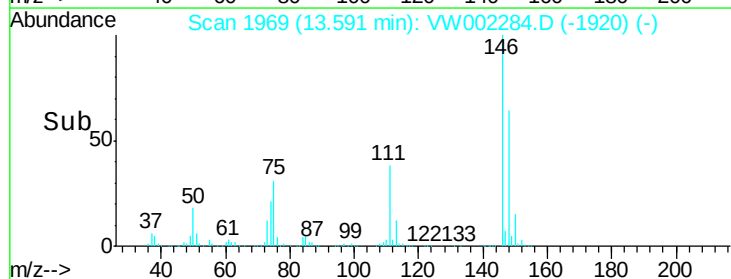
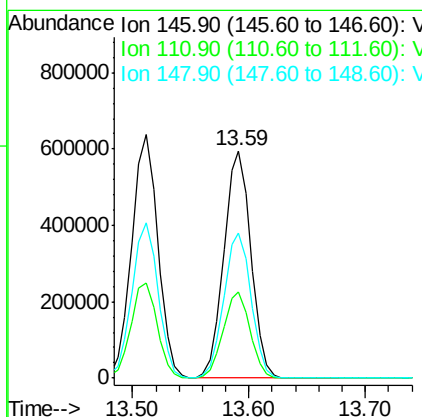
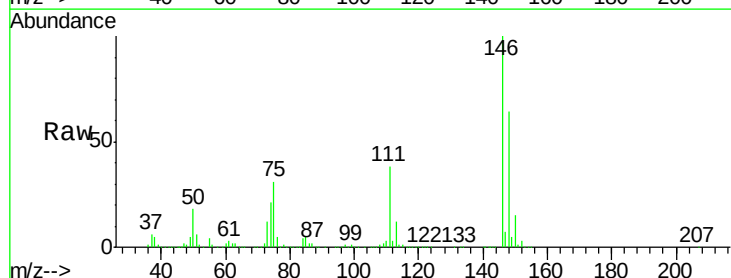
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

Tot Ion:146 Resp: 985823  
 Ion Ratio Lower Upper  
 146 100  
 111 39.6 19.3 57.8  
 148 64.0 31.6 95.0

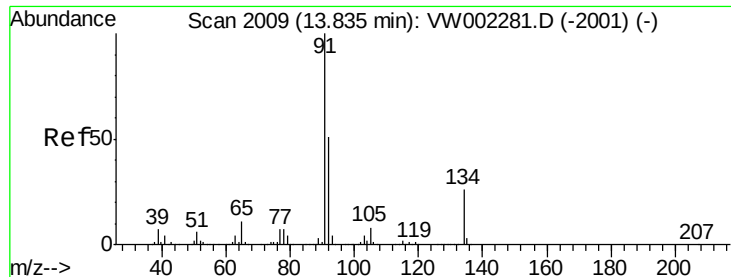


#88  
 1,4-Dichlorobenzene  
 Concen: 145.22 ug/l  
 RT: 13.59 min Scan# 1969  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

Tgt Ion:146 Resp: 951926  
 Ion Ratio Lower Upper  
 146 100  
 111 37.9 19.0 57.0  
 148 64.3 32.3 96.9



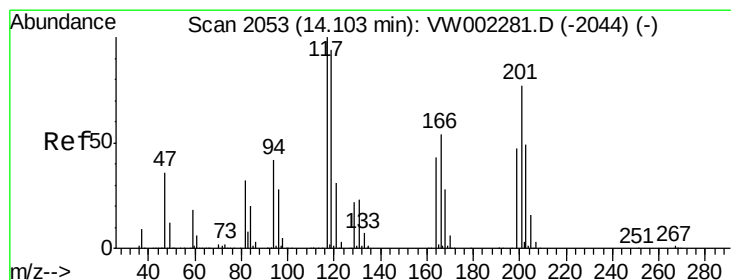
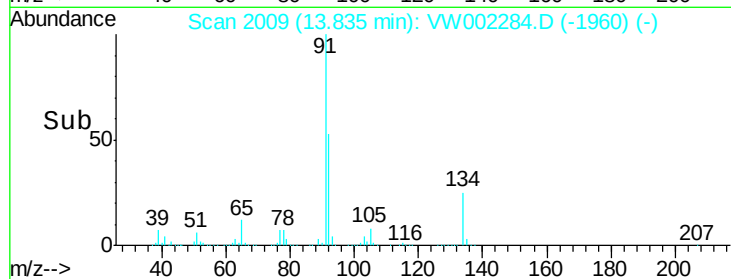
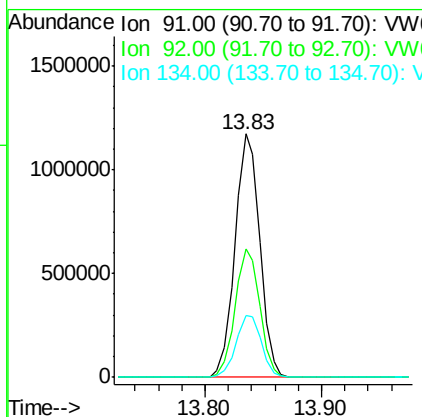
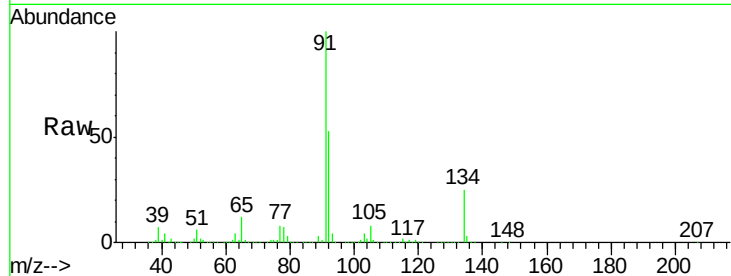




#89  
n-Butylbenzene  
Concen: 162.11 ug/l  
RT: 13.83 min Scan# 2009  
Delta R.T. -0.00 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

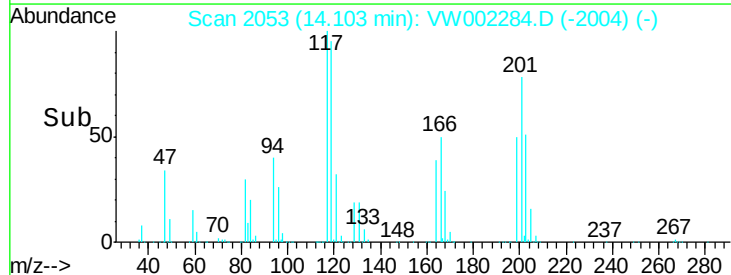
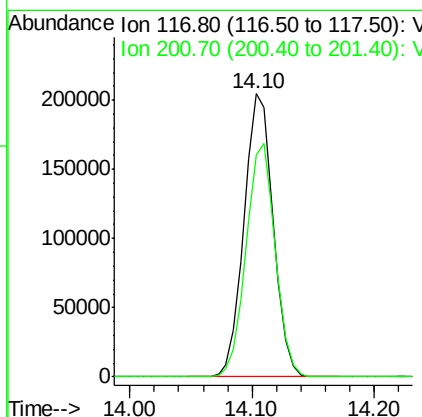
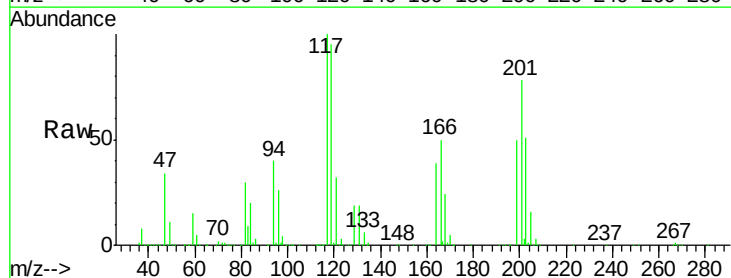
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

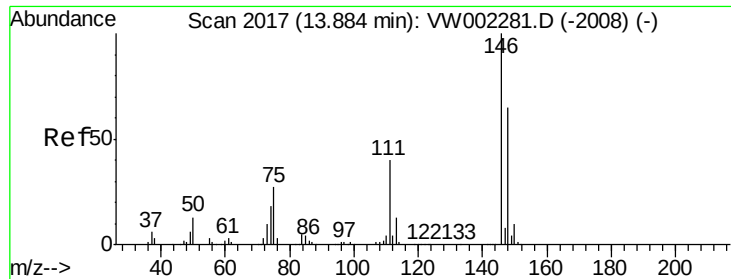
Tot Ion: 91 Resp: 1738156  
Ion Ratio Lower Upper  
91 100  
92 52.5 25.9 77.8  
134 25.9 13.1 39.1



#90  
Hexachloroethane  
Concen: 146.02 ug/l  
RT: 14.10 min Scan# 2053  
Delta R.T. -0.00 min  
Lab File: VW002284.D  
Acq: 08 May 2018 02:16

Tgt Ion: 117 Resp: 339340  
Ion Ratio Lower Upper  
117 100  
201 82.4 42.2 126.6

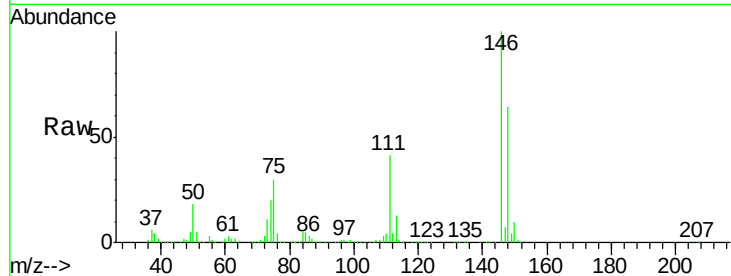




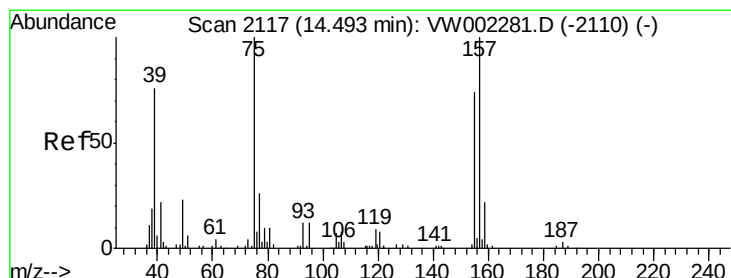
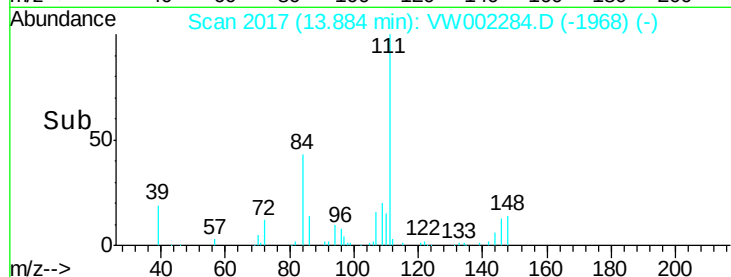
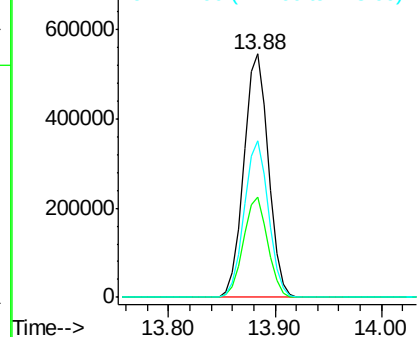
#91  
 1,2-Dichlorobenzene  
 Concen: 153.90 ug/l  
 RT: 13.88 min Scan# 2017  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.6  | 20.0  | 59.9  |
| 148     | 63.6  | 32.5  | 97.5  |

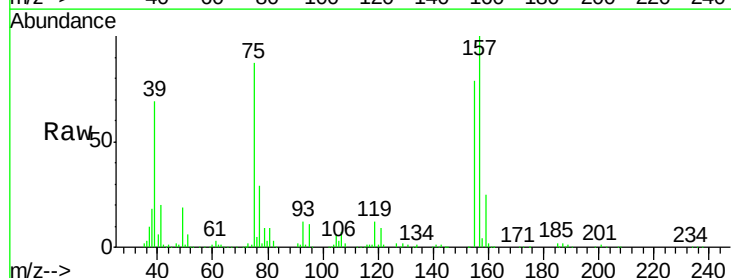


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

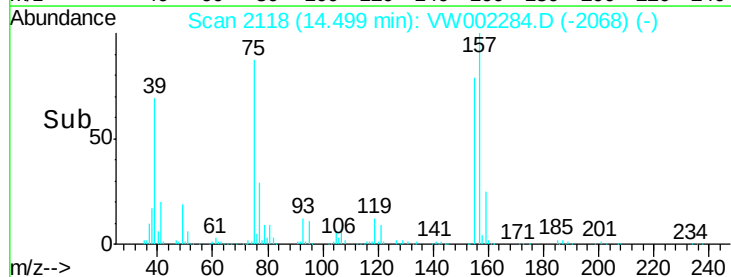
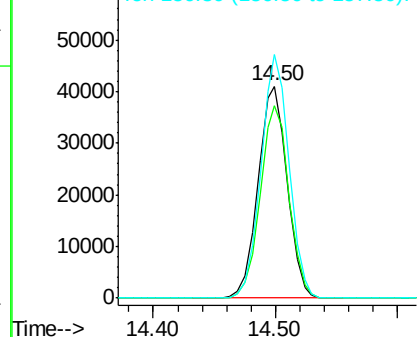


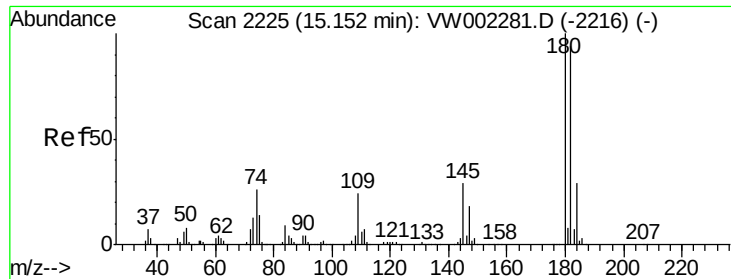
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 194.37 ug/l  
 RT: 14.50 min Scan# 2118  
 Delta R.T. 0.01 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 89.7  | 43.3  | 129.8 |
| 157     | 110.7 | 55.8  | 167.4 |



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

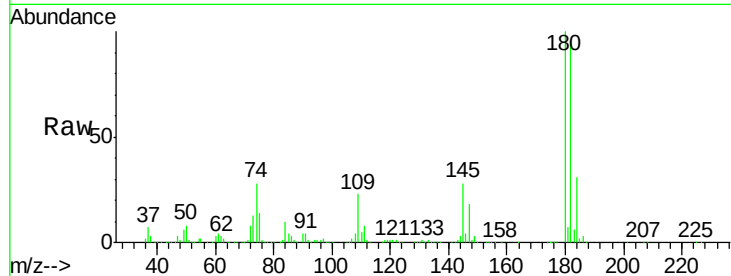




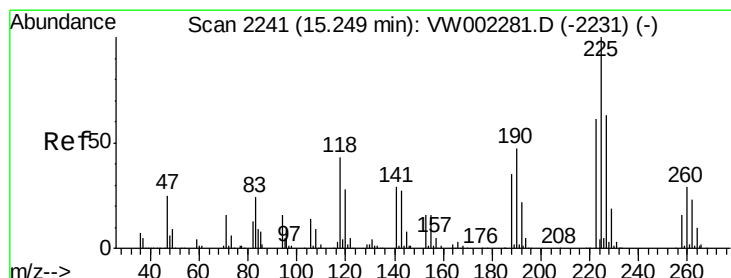
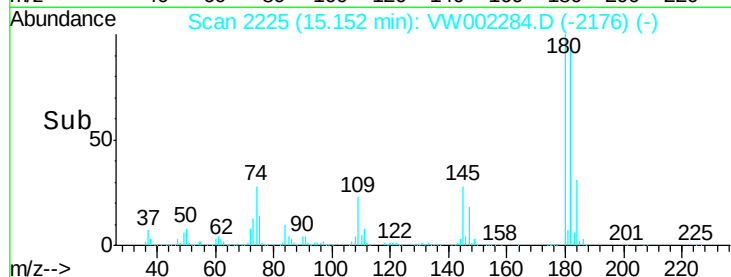
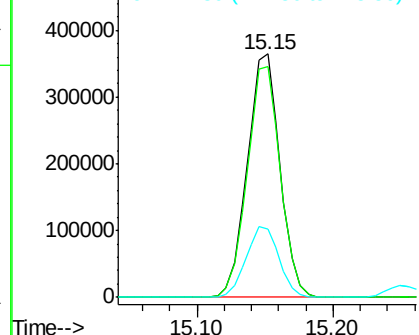
#93  
 1,2,4-Trichlorobenzene  
 Concen: 145.72 ug/l  
 RT: 15.15 min Scan# 2225  
 Delta R.T. -0.00 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

Tot Ion:180 Resp: 611379  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 47.3 141.8  
 145 29.3 14.5 43.6

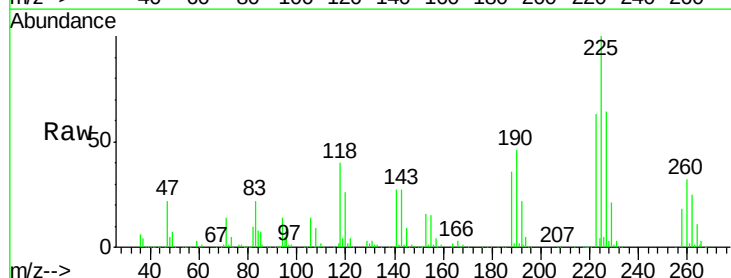


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

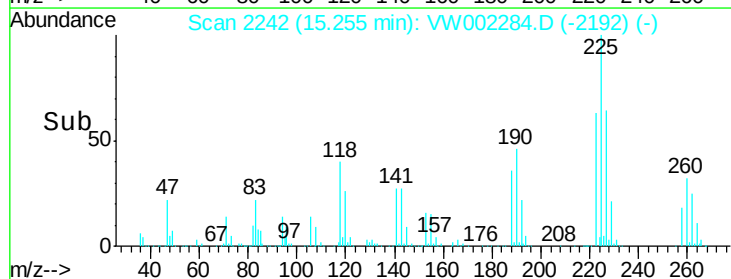
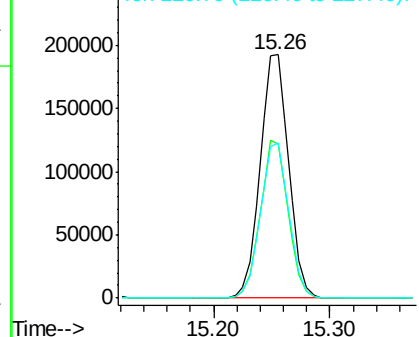


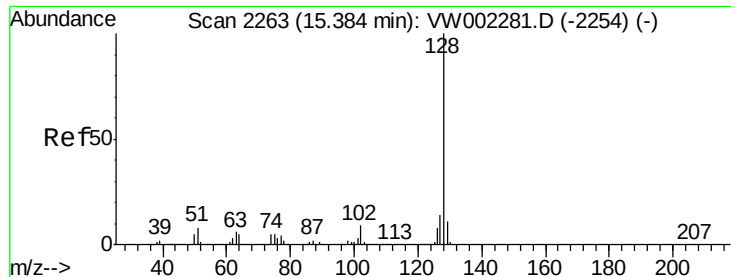
#94  
 Hexachlorobutadiene  
 Concen: 112.32 ug/l  
 RT: 15.26 min Scan# 2242  
 Delta R.T. 0.01 min  
 Lab File: VW002284.D  
 Acq: 08 May 2018 02:16

Tgt Ion:225 Resp: 328400  
 Ion Ratio Lower Upper  
 225 100  
 223 63.3 30.9 92.7  
 227 63.6 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 195.73 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

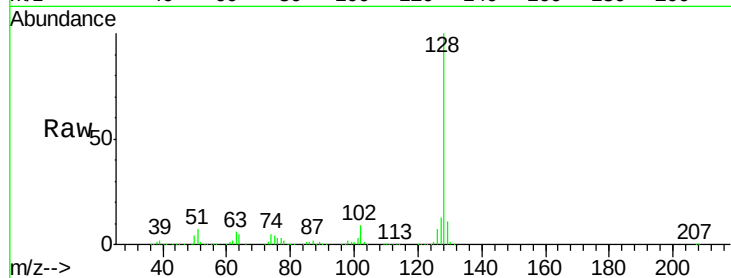
Tot Ion:128 Resp: 1224018

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.4

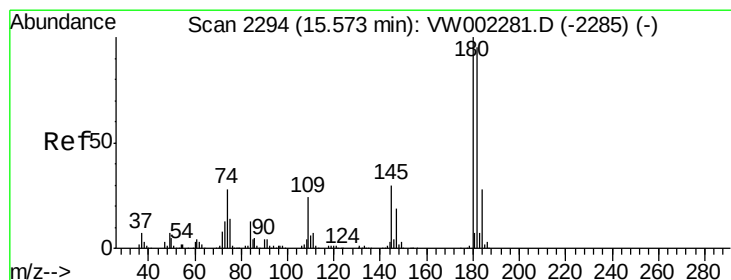
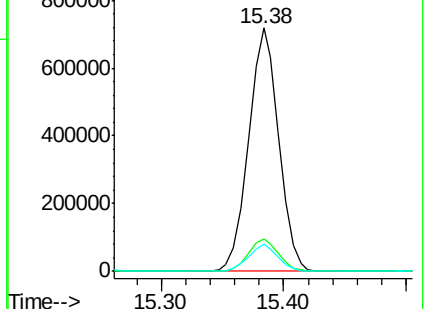
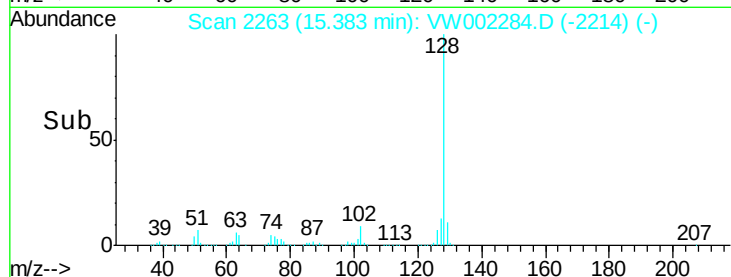
129 11.0 8.7 13.1



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: 152.73 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VW002284.D

Acq: 08 May 2018 02:16

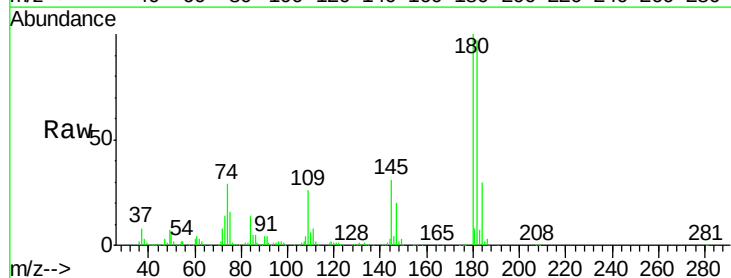
Tgt Ion:180 Resp: 547723

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.0

145 31.4 15.7 47.0



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

