

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012419\  
 Data File : VV009258.D  
 Acq On : 24 Jan 2019 14:16  
 Operator : SY/MD  
 Sample : VSTDICC100  
 Misc : 5.00G/5ML/MSVOA V/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDICC100

Quant Time: Jan 24 14:36:23 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\82V012219S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 23 01:54:58 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.73  | 168  | 81037    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.66  | 114  | 132068   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 8.89  | 117  | 123263   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 65719    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 5.08   | 65  | 98076    | 99.24  | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 198.48% |      |
| 35) Dibromofluoromethane  | 4.64   | 113 | 88850    | 103.39 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 206.78% |      |
| 50) Toluene-d8            | 7.36   | 98  | 338910   | 101.33 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 202.66% |      |
| 62) 4-Bromofluorobenzene  | 10.12  | 95  | 128992   | 102.35 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 204.70% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.14 | 85  | 76148  | 116.171 | ug/l   | 100    |
| 3) Chloromethane              | 1.25 | 50  | 94784  | 107.424 | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.33 | 62  | 98357  | 98.112  | ug/l   | 99     |
| 5) Bromomethane               | 1.53 | 94  | 50164  | 88.234  | ug/l   | 98     |
| 6) Chloroethane               | 1.59 | 64  | 48147  | 85.928  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 1.76 | 101 | 43215  | 61.423  | ug/l   | 98     |
| 8) Diethyl Ether              | 1.96 | 74  | 44744  | 101.119 | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.13 | 101 | 81776  | 93.543  | ug/l   | 98     |
| 10) Methyl Iodide             | 2.26 | 142 | 130443 | 93.487  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 2.66 | 59  | 37034  | 656.954 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 2.14 | 96  | 82309  | 95.897  | ug/l   | 94     |
| 13) Acrolein                  | 2.05 | 56  | 23936  | 482.006 | ug/l   | 96     |
| 14) Allyl chloride            | 2.42 | 41  | 118973 | 80.426  | ug/l # | 95     |
| 15) Acrylonitrile             | 2.76 | 53  | 114298 | 596.325 | ug/l   | 99     |
| 16) Acetone                   | 2.17 | 43  | 121969 | 454.885 | ug/l   | 99     |
| 17) Carbon Disulfide          | 2.32 | 76  | 243272 | 92.654  | ug/l   | 100    |
| 18) Methyl Acetate            | 2.45 | 43  | 68363  | 95.457  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 2.80 | 73  | 131652 | 98.814  | ug/l   | 99     |
| 20) Methylene Chloride        | 2.53 | 84  | 84404  | 99.256  | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 2.78 | 96  | 83195  | 89.966  | ug/l   | 95     |
| 22) Diisopropyl ether         | 3.32 | 45  | 285089 | 90.506  | ug/l   | 92     |
| 23) Vinyl Acetate             | 3.30 | 43  | 960229 | 561.819 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 3.22 | 63  | 177013 | 90.324  | ug/l   | 98     |
| 25) 2-Butanone                | 4.01 | 43  | 188356 | 614.310 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 3.95 | 77  | 92720  | 84.067  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 3.95 | 96  | 105341 | 94.256  | ug/l   | 96     |
| 28) Bromochloromethane        | 4.29 | 49  | 73747  | 101.973 | ug/l   | 95     |
| 29) Tetrahydrofuran           | 4.38 | 42  | 112585 | 675.112 | ug/l   | 97     |
| 30) Chloroform                | 4.42 | 83  | 175660 | 89.246  | ug/l   | 100    |
| 31) Cyclohexane               | 4.72 | 56  | 157266 | 87.904  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 4.65 | 97  | 137441 | 82.848  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 4.87 | 75  | 136238 | 92.912  | ug/l   | 98     |
| 37) Ethyl Acetate             | 4.12 | 43  | 76937  | 136.529 | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 4.87 | 117 | 136027 | 92.664  | ug/l   | 99     |

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Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDICC100

Quant Time: Jan 24 14:36:23 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\82V012219S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 23 01:54:58 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 6.17  | 83   | 174199   | 100.323  | ug/l   | 99       |
| 40) Benzene                    | 5.14  | 78   | 390420   | 95.199   | ug/l   | 99       |
| 41) Methacrylonitrile          | 4.30  | 41   | 43511    | 128.114  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 5.17  | 62   | 123836   | 96.480   | ug/l   | 97       |
| 43) Isopropyl Acetate          | 5.32  | 43   | 138830   | 125.248  | ug/l   | 96       |
| 44) Trichloroethene            | 5.96  | 130  | 103477   | 95.884   | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 6.22  | 63   | 95427    | 96.735   | ug/l   | 97       |
| 46) Dibromomethane             | 6.35  | 93   | 56454    | 111.529  | ug/l   | 96       |
| 47) Bromodichloromethane       | 6.55  | 83   | 131284   | 98.150   | ug/l   | 98       |
| 48) Methyl methacrylate        | 6.41  | 41   | 70870    | 125.296  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 6.41  | 88   | 19708    | 3056.505 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 7.27  | 43   | 374949   | 666.529  | ug/l   | 97       |
| 52) Toluene                    | 7.43  | 92   | 250953   | 96.734   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 7.69  | 75   | 141449   | 108.652  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 7.07  | 75   | 156962   | 104.707  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 7.88  | 97   | 78356    | 109.867  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 7.83  | 69   | 106767   | 128.493  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 8.05  | 76   | 139329   | 107.901  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 6.94  | 63   | 16383    | 1261.694 | ug/l # | 90       |
| 59) 2-Hexanone                 | 8.18  | 43   | 272853   | 670.607  | ug/l   | 98       |
| 60) Dibromochloromethane       | 8.29  | 129  | 93908    | 112.458  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 8.40  | 107  | 82041    | 117.631  | ug/l   | 98       |
| 64) Tetrachloroethene          | 8.02  | 164  | 85891    | 97.919   | ug/l   | 97       |
| 65) Chlorobenzene              | 8.92  | 112  | 274592   | 95.755   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.02  | 131  | 95893    | 97.843   | ug/l   | 98       |
| 67) Ethyl Benzene              | 9.05  | 91   | 478599   | 93.682   | ug/l   | 99       |
| 68) m/p-Xylenes                | 9.18  | 106  | 369554   | 190.542  | ug/l   | 97       |
| 69) o-Xylene                   | 9.59  | 106  | 176069   | 97.918   | ug/l   | 97       |
| 70) Styrene                    | 9.60  | 104  | 291845   | 101.698  | ug/l   | 97       |
| 71) Bromoform                  | 9.78  | 173  | 57315    | 124.016  | ug/l # | 95       |
| 73) Isopropylbenzene           | 9.98  | 105  | 486131   | 89.578   | ug/l   | 98       |
| 74) N-amyl acetate             | 9.84  | 43   | 125150   | 124.709  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.29 | 83   | 104233   | 113.929  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 10.32 | 75   | 78027    | 108.444  | ug/l   | 65       |
| 77) Bromobenzene               | 10.26 | 156  | 112093   | 96.568   | ug/l   | 94       |
| 78) n-propylbenzene            | 10.40 | 91   | 570789   | 88.721   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 10.47 | 91   | 333170   | 85.829   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 10.59 | 105  | 407592   | 89.556   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 10.05 | 75   | 32587    | 128.168  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 10.58 | 91   | 398406   | 87.138   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 10.91 | 119  | 395629   | 91.290   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 10.96 | 105  | 420024   | 91.484   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.13 | 105  | 514290   | 90.605   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 11.29 | 119  | 456866   | 91.924   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 11.23 | 146  | 224118   | 92.988   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 11.32 | 146  | 225436   | 92.524   | ug/l   | 99       |
| 89) n-Butylbenzene             | 11.70 | 91   | 437192   | 90.625   | ug/l   | 99       |
| 90) Hexachloroethane           | 11.95 | 117  | 81631    | 92.363   | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 11.69 | 146  | 203172   | 95.495   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.48 | 75   | 18859    | 122.783  | ug/l   | 92       |

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Data File : VV009258.D  
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Operator : SY/MD  
Sample : VSTDICC100  
Misc : 5.00G/5ML/MSVOA V/SOIL  
ALS Vial : 7 Sample Multiplier: 1

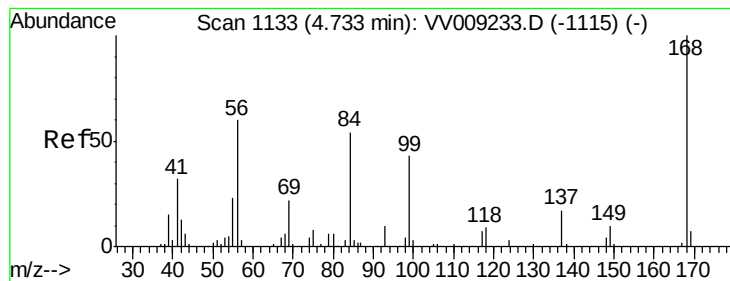
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC100

Quant Time: Jan 24 14:36:23 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\82V012219S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 23 01:54:58 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.31 | 180  | 142707   | 104.197 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.49 | 225  | 79897    | 94.124  | ug/l  | 100      |
| 95) Naphthalene            | 13.55 | 128  | 307157   | 129.704 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 13.79 | 180  | 126696   | 109.243 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

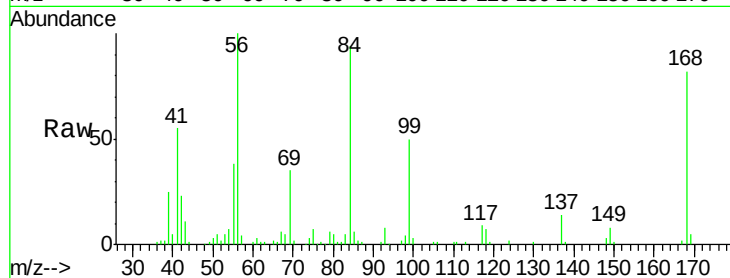
VSTDIC100

Tot Ion:168 Resp: 81037

Ion Ratio Lower Upper

168 100

99 60.2 50.9 76.3



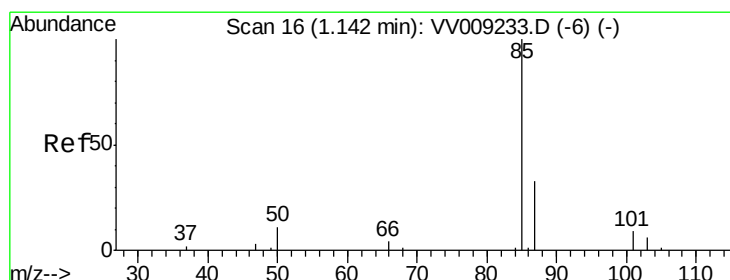
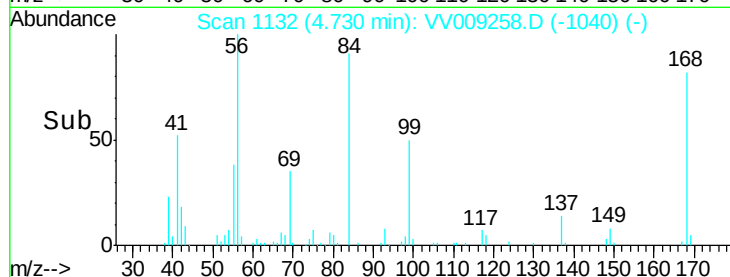
Abundance Ion 167.90 (167.60 to 168.60): VV009233.D (-1115) (-)

Ion 98.90 (98.60 to 99.60): VV009233.D (-1115) (-)

4.73

4.70 4.80

Time-->



#2

Dichlorodifluoromethane

Concen: 116.171 ug/l

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV009258.D

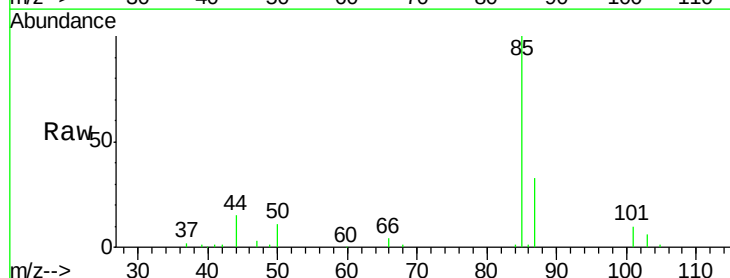
Acq: 24 Jan 2019 14:16

Tgt Ion: 85 Resp: 76148

Ion Ratio Lower Upper

85 100

87 33.3 16.6 49.7



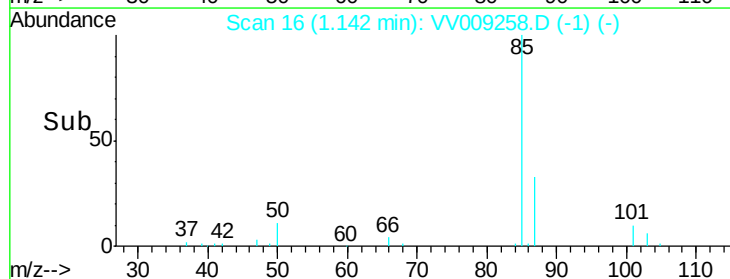
Abundance Ion 84.90 (84.60 to 85.60): VV009233.D (-6) (-)

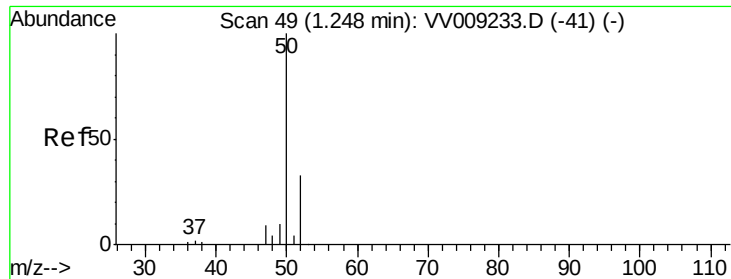
Ion 86.90 (86.60 to 87.60): VV009233.D (-6) (-)

1.14

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 107.424 ug/l

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

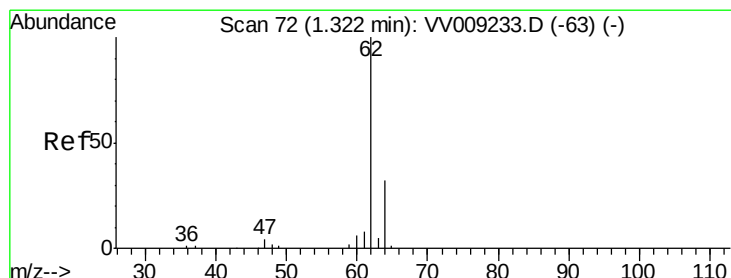
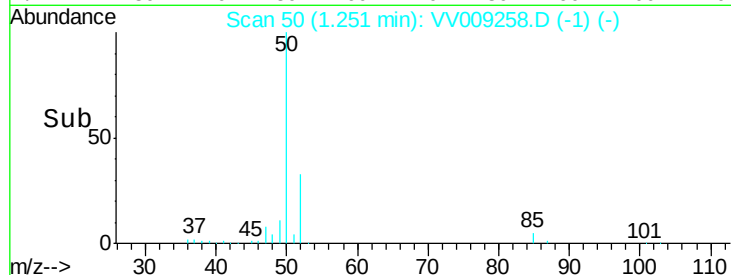
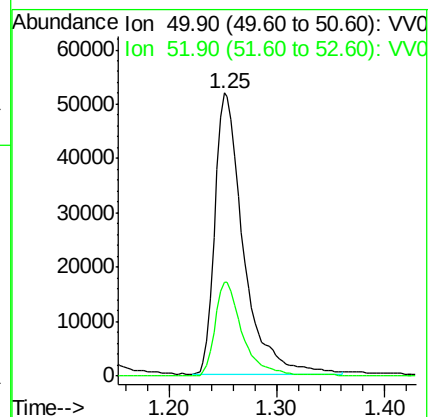
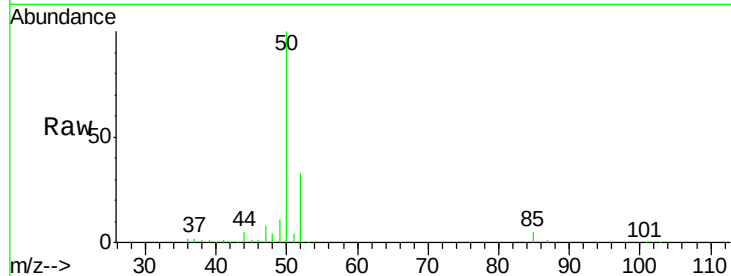
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

Tot Ion: 50 Resp: 94784

Ion Ratio Lower Upper

50 100

52 33.6 26.3 39.5



#4

Vinyl Chloride

Concen: 98.112 ug/l

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV009258.D

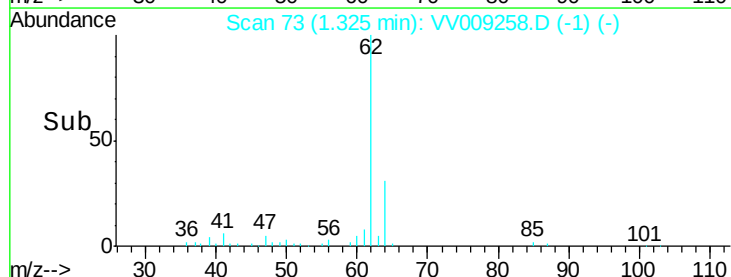
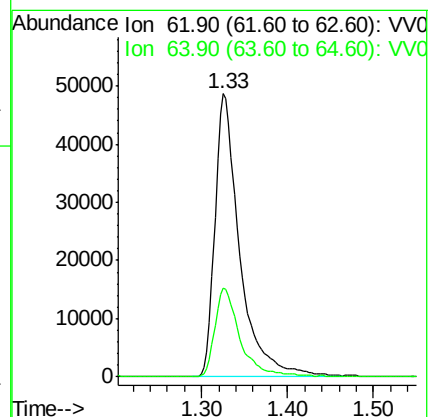
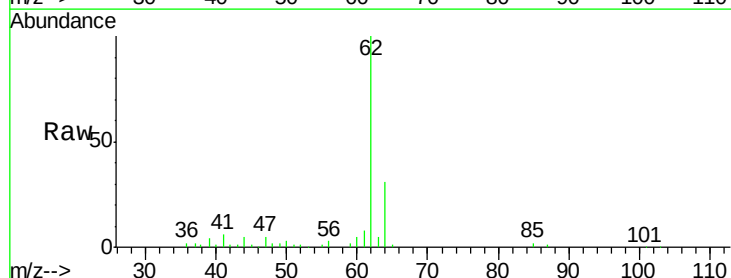
Acq: 24 Jan 2019 14:16

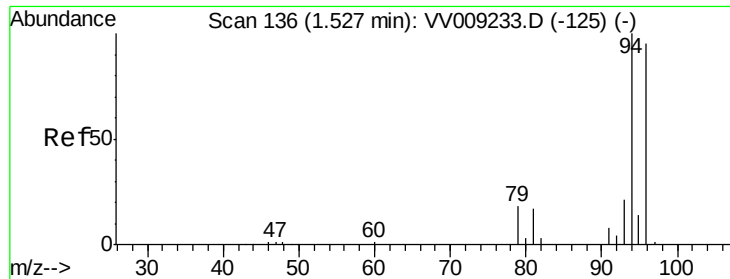
Tgt Ion: 62 Resp: 98357

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0





#5

Bromomethane

Concen: 88.234 ug/l

RT: 1.53 min Scan# 136

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

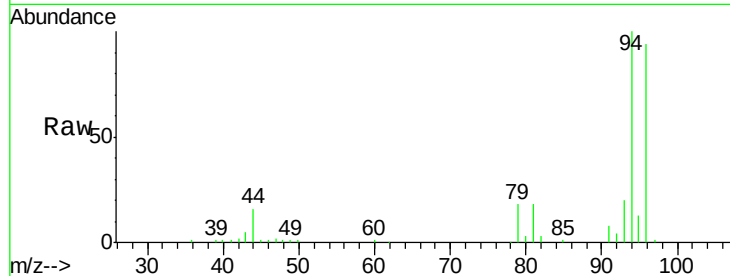
VSTDIC100

Tot Ion: 94 Resp: 50164

Ion Ratio Lower Upper

94 100

96 93.6 76.3 114.5

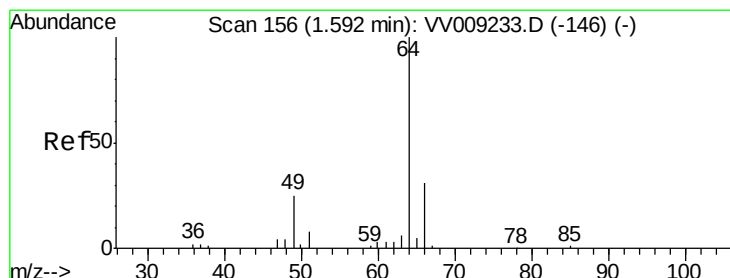
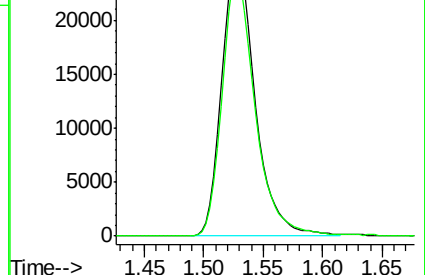
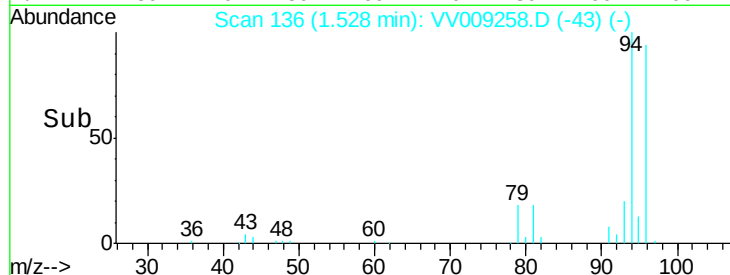


Abundance Ion 93.90 (93.60 to 94.60): VV009233.D (-125) (-)

Ion 95.90 (95.60 to 96.60): VV009258.D (-63) (-)

1.53

Time-->



#6

Chloroethane

Concen: 85.928 ug/l

RT: 1.59 min Scan# 156

Delta R.T. 0.00 min

Lab File: VV009258.D

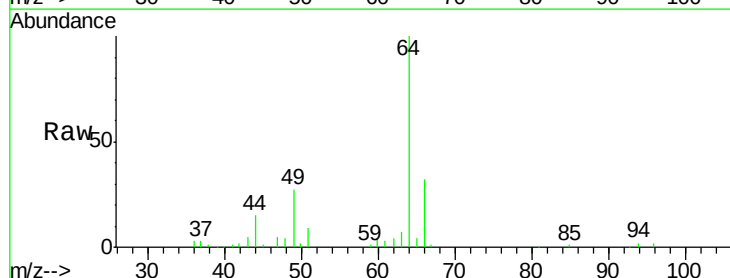
Acq: 24 Jan 2019 14:16

Tgt Ion: 64 Resp: 48147

Ion Ratio Lower Upper

64 100

66 32.2 25.1 37.7

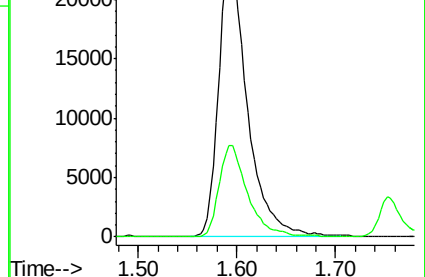
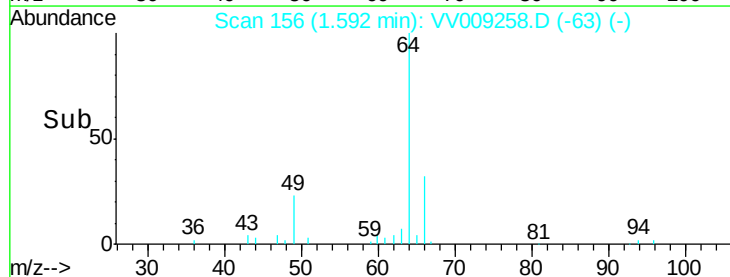


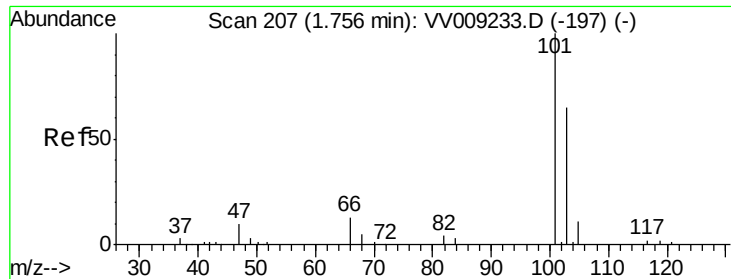
Abundance Ion 63.90 (63.60 to 64.60): VV009233.D (-146) (-)

Ion 65.90 (65.60 to 66.60): VV009258.D (-63) (-)

1.59

Time-->



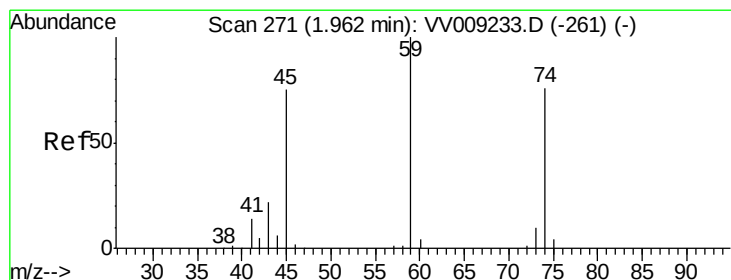
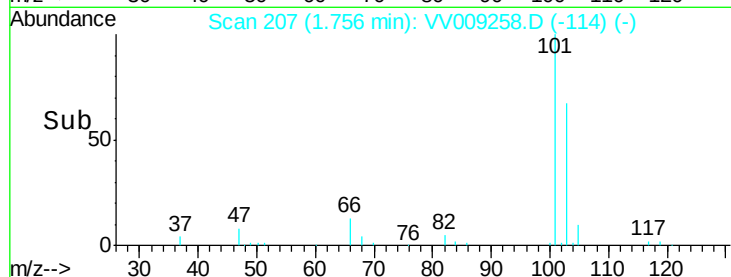
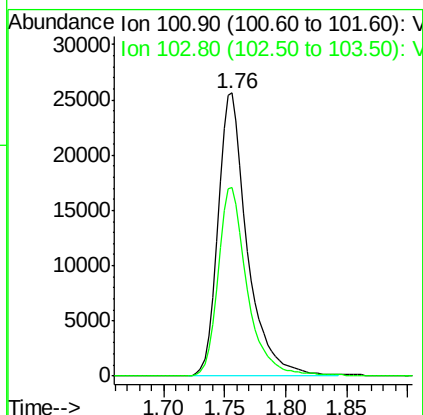
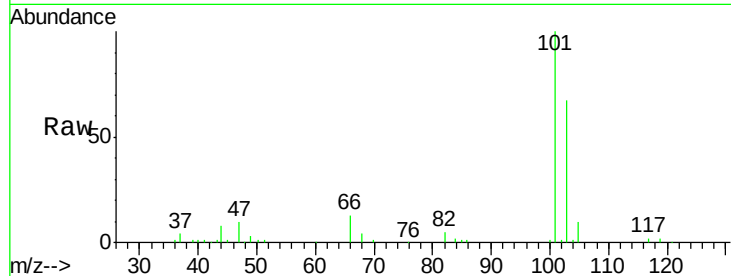


#7

Trichlorofluoromethane  
 Concen: 61.423 ug/l  
 RT: 1.76 min Scan# 207  
 Delta R.T. 0.00 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDIC100

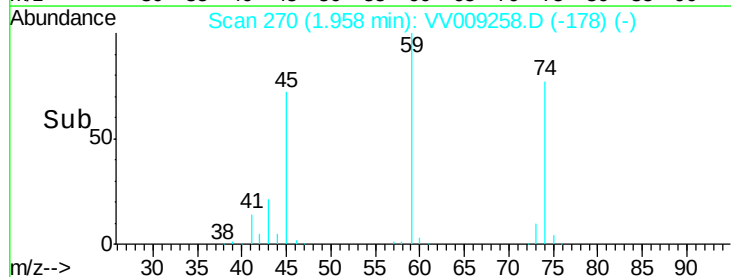
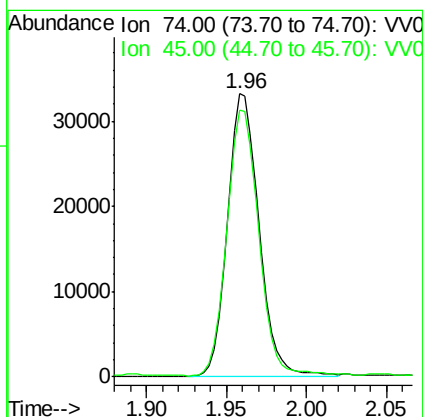
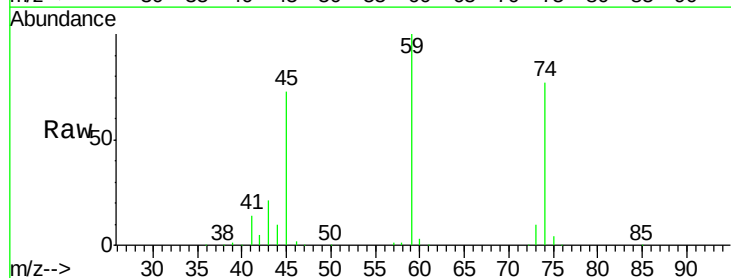
Tot Ion:101 Resp: 43215  
 Ion Ratio Lower Upper  
 101 100  
 103 66.6 52.2 78.4



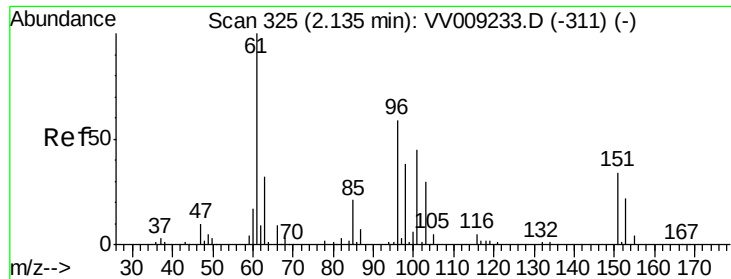
#8

Diethyl Ether  
 Concen: 101.119 ug/l  
 RT: 1.96 min Scan# 270  
 Delta R.T. -0.00 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

Tgt Ion: 74 Resp: 44744  
 Ion Ratio Lower Upper  
 74 100  
 45 94.9 49.1 147.3







#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.543 ug/l

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

VSTDIC100

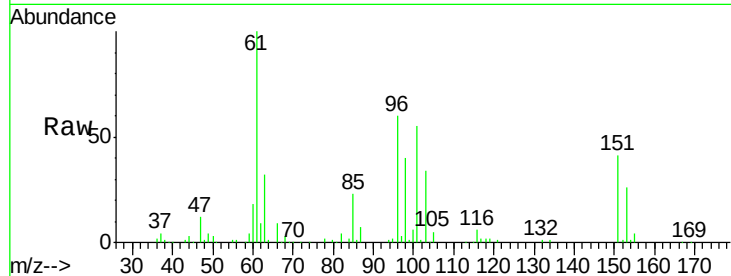
Tot Ion:101 Resp: 81776

Ion Ratio Lower Upper

101 100

85 45.3 35.3 52.9

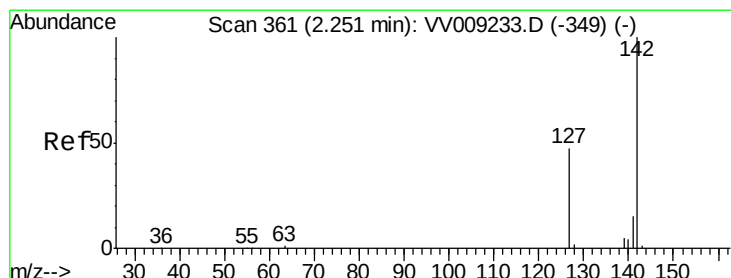
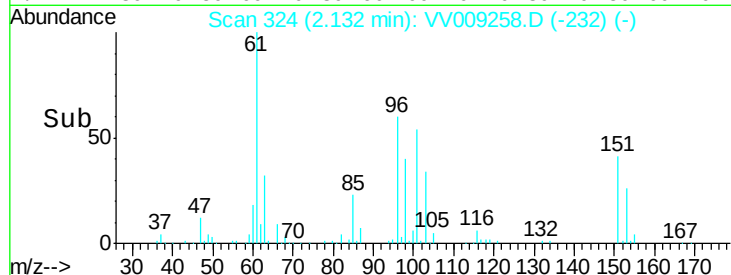
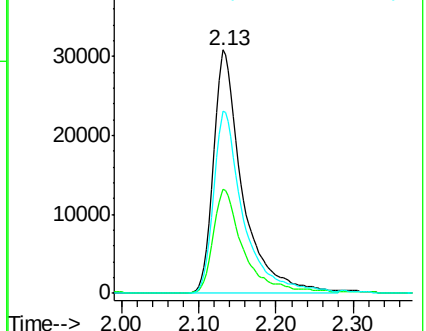
151 76.6 60.1 90.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VV0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 93.487 ug/l

RT: 2.26 min Scan# 363

Delta R.T. 0.01 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

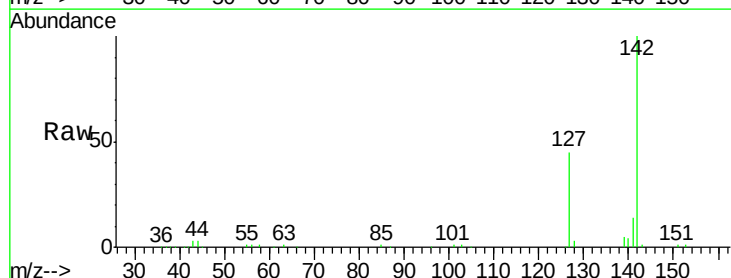
Tgt Ion:142 Resp: 130443

Ion Ratio Lower Upper

142 100

127 46.2 37.9 56.9

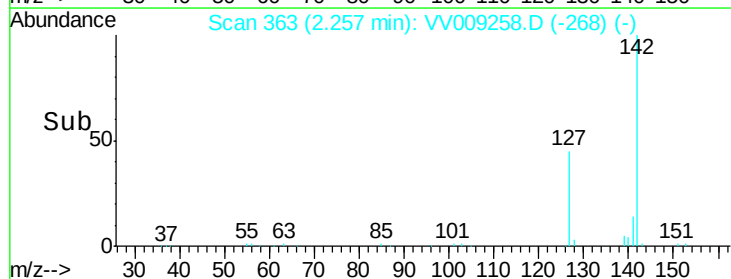
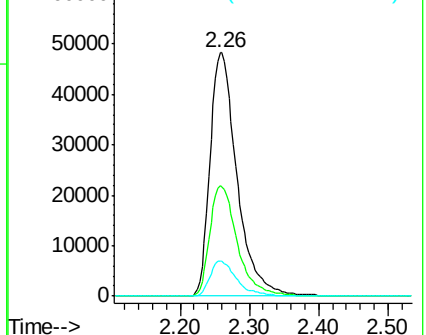
141 14.3 11.7 17.5

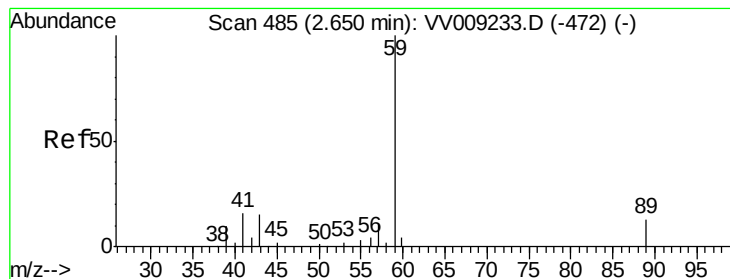


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



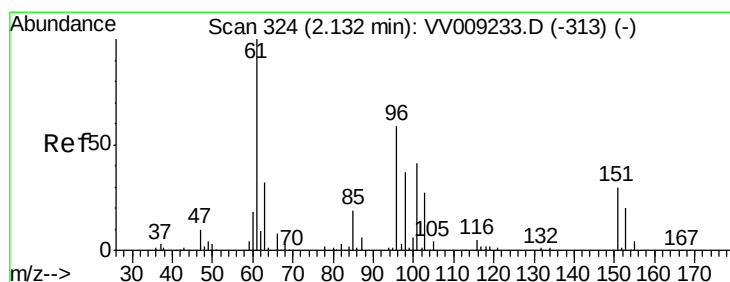
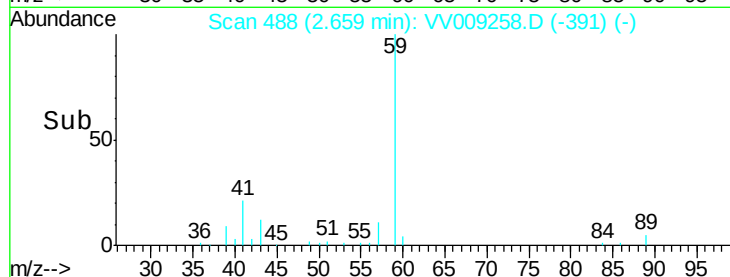
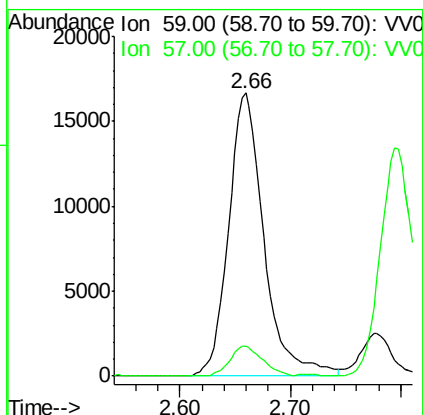
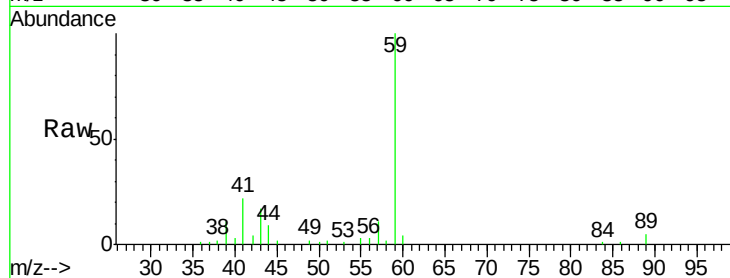


#11

Tert butyl alcohol  
 Concen: 656.954 ug/l  
 RT: 2.66 min Scan# 488  
 Delta R.T. 0.01 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDIC100

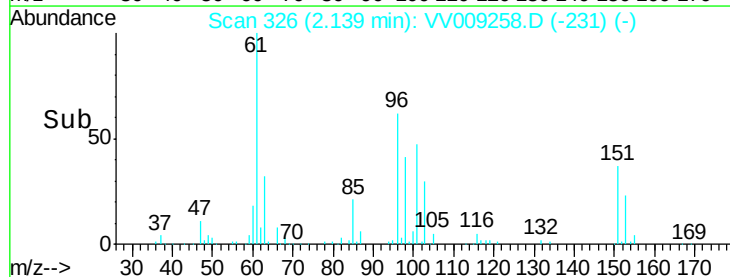
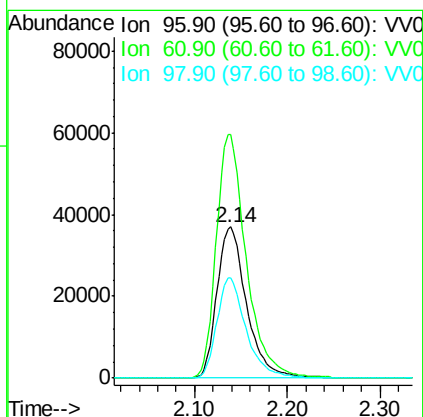
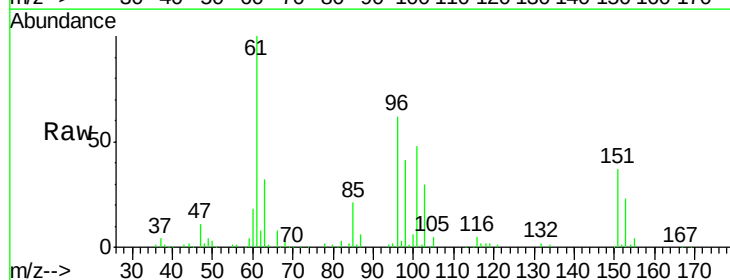
Tot Ion: 59 Resp: 37034  
 Ion Ratio Lower Upper  
 59 100  
 57 9.8 8.4 12.6

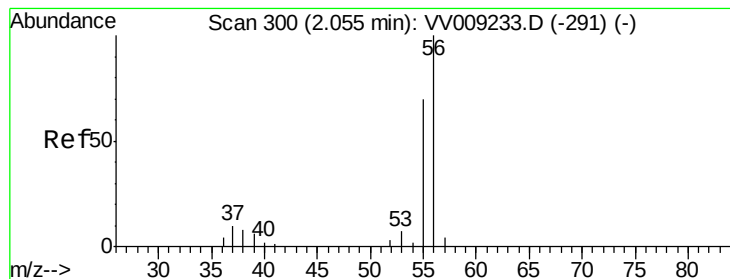


#12

1,1-Dichloroethene  
 Concen: 95.897 ug/l  
 RT: 2.14 min Scan# 326  
 Delta R.T. 0.01 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

Tgt Ion: 96 Resp: 82309  
 Ion Ratio Lower Upper  
 96 100  
 61 160.7 136.6 205.0  
 98 66.3 50.6 75.8





#13

Acrolein

Concen: 482.006 ug/l

RT: 2.05 min Scan# 300

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

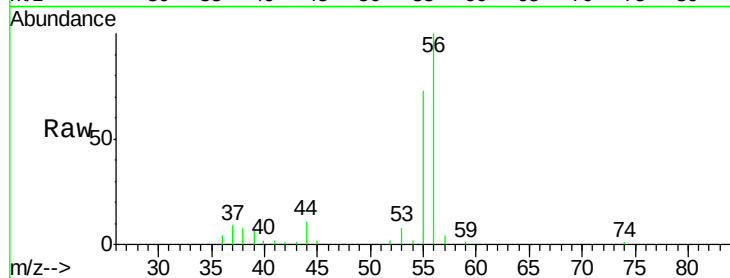
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

Tot Ion: 56 Resp: 23936

Ion Ratio Lower Upper

56 100

55 70.7 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

2.05

15000

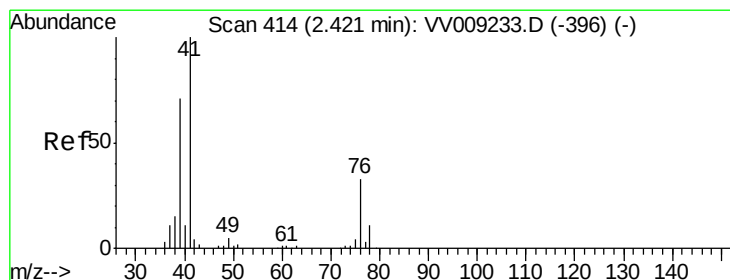
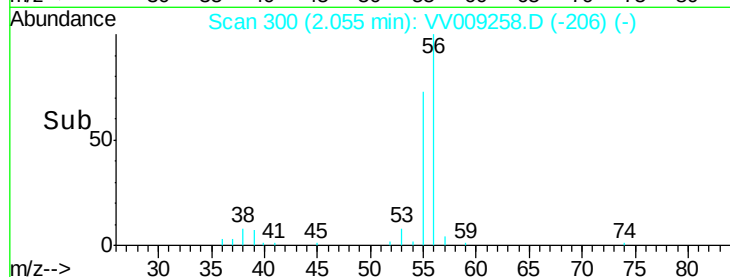
10000

5000

0

Time-->

2.00 2.05 2.10 2.15



#14

Allyl chloride

Concen: 80.426 ug/l

RT: 2.42 min Scan# 413

Delta R.T. -0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

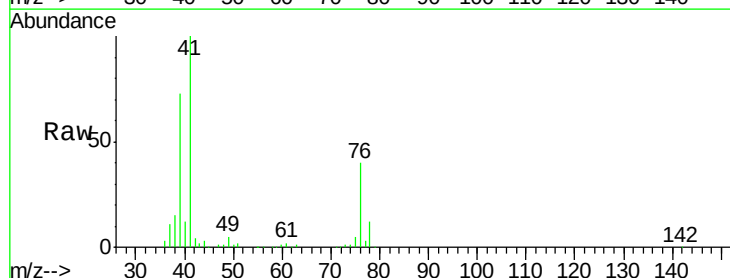
Tgt Ion: 41 Resp: 118973

Ion Ratio Lower Upper

41 100

39 69.8 55.1 82.7

76 40.8 26.7 40.1#



Abundance Ion 41.00 (40.70 to 41.70): VV0

Ion 39.00 (38.70 to 39.70): VV0

Ion 75.90 (75.60 to 76.60): VV0

2.42

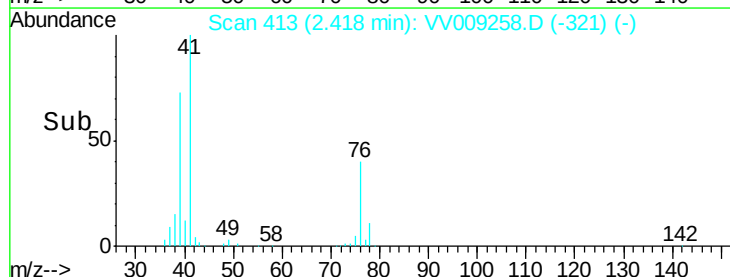
100000

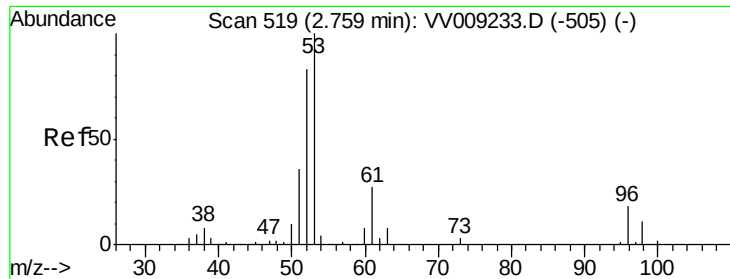
50000

0

Time-->

2.30 2.35 2.40 2.45 2.50





#15

Acrylonitrile

Concen: 596.325 ug/l

RT: 2.76 min Scan# 519

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

VSTDIC100

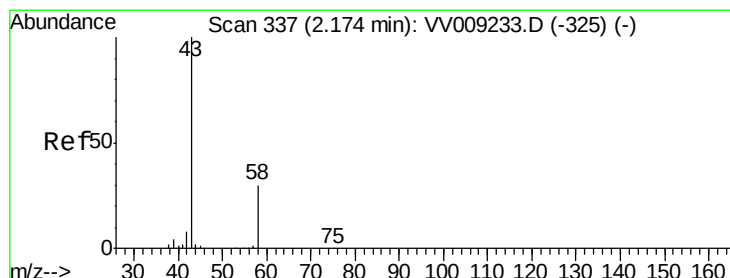
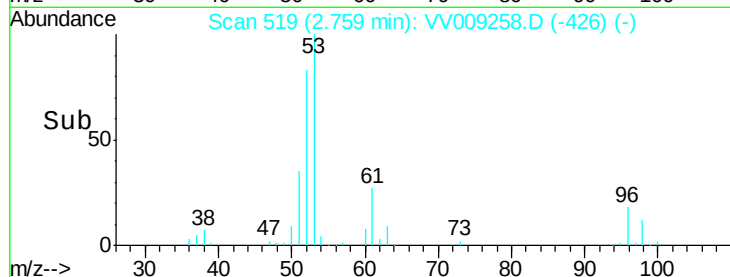
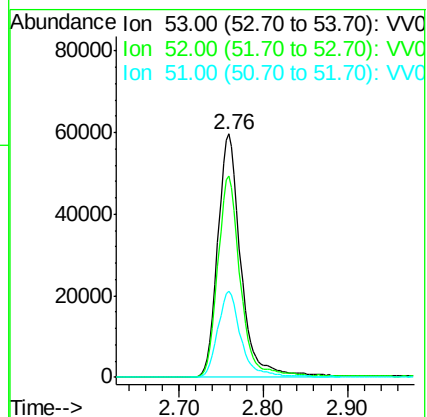
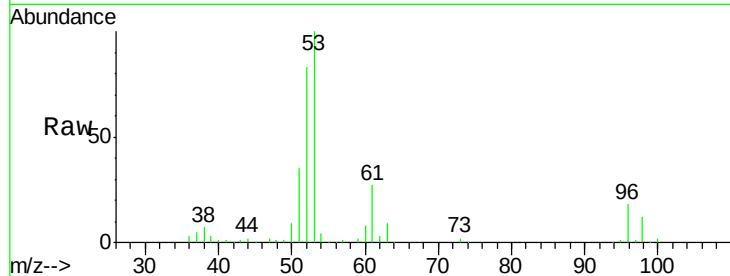
Tot Ion: 53 Resp: 114298

Ion Ratio Lower Upper

53 100

52 80.6 65.3 97.9

51 35.0 29.0 43.4



#16

Acetone

Concen: 454.885 ug/l

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV009258.D

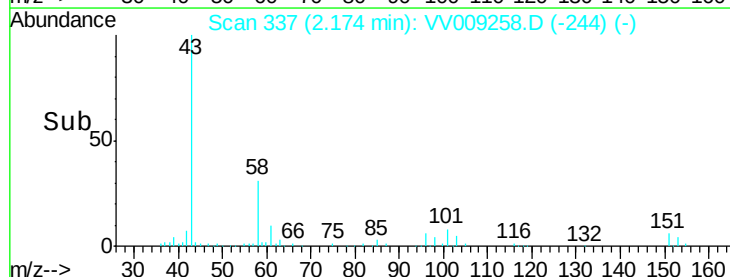
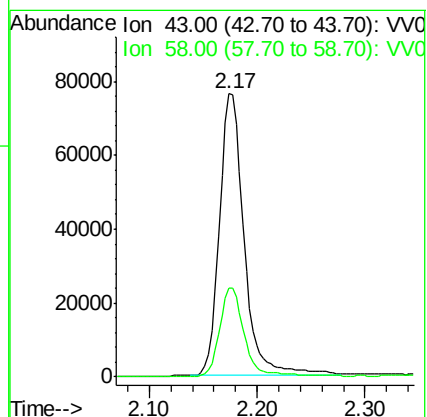
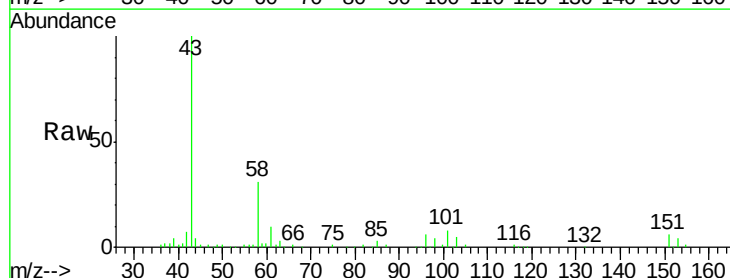
Acq: 24 Jan 2019 14:16

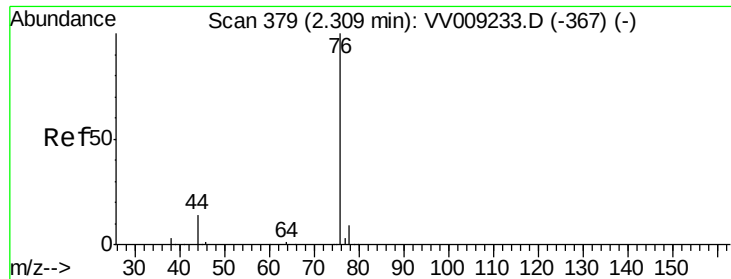
Tgt Ion: 43 Resp: 121969

Ion Ratio Lower Upper

43 100

58 31.2 24.4 36.6

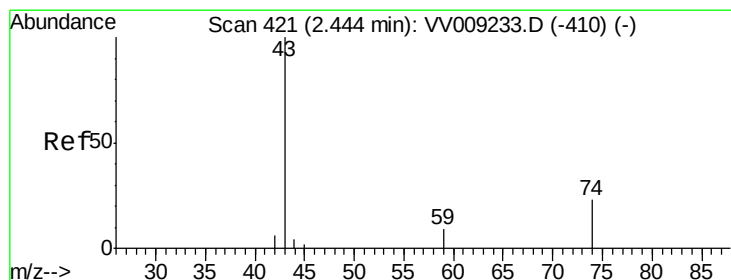
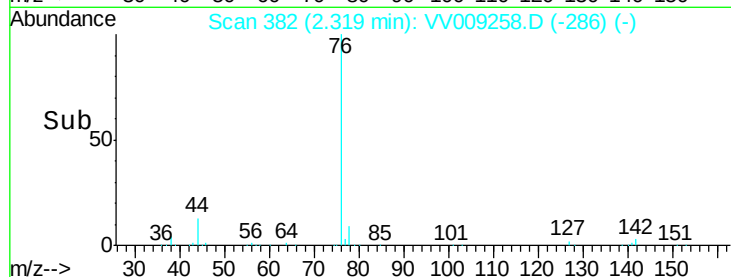
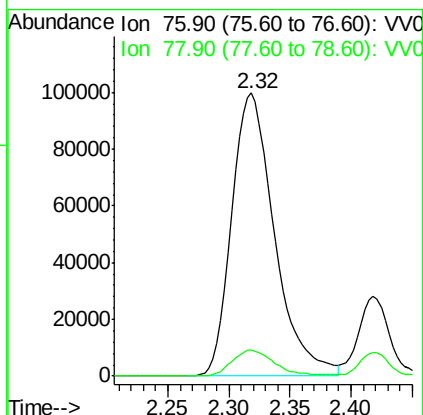
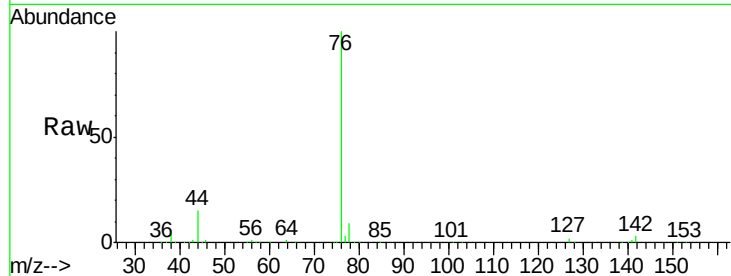




#17  
Carbon Disulfide  
Concen: 92.654 ug/l  
RT: 2.32 min Scan# 382  
Delta R.T. 0.01 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

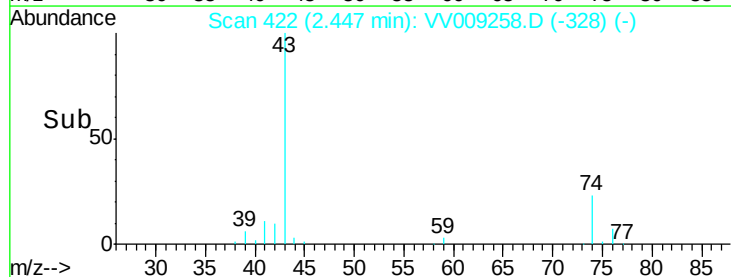
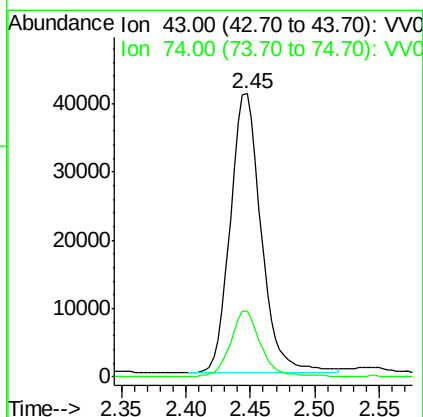
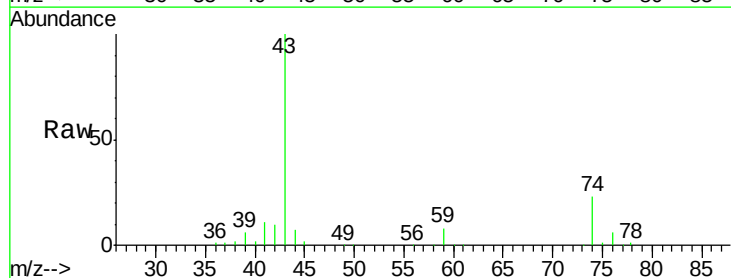
Instrument :  
MSVOA\_V  
ClientSampled :  
VSTDIC100

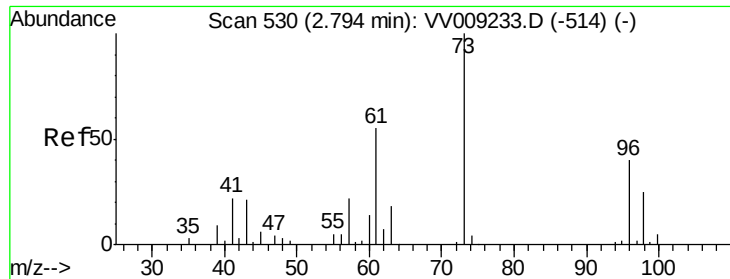
Tot Ion: 76 Resp: 243272  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.3 10.9



#18  
Methyl Acetate  
Concen: 95.457 ug/l  
RT: 2.45 min Scan# 422  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

Tgt Ion: 43 Resp: 68363  
Ion Ratio Lower Upper  
43 100  
74 23.4 19.7 29.5

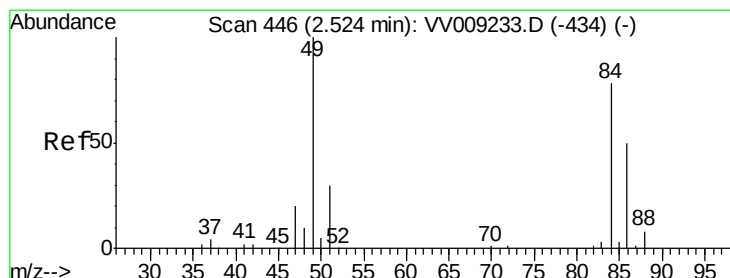
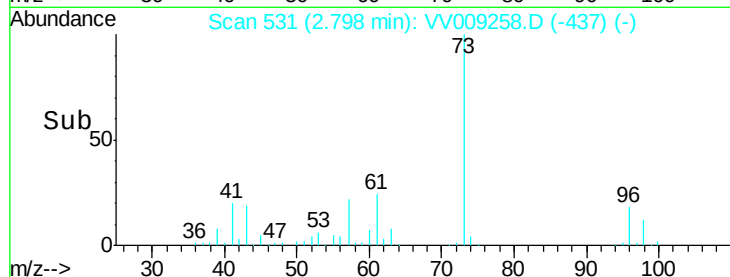
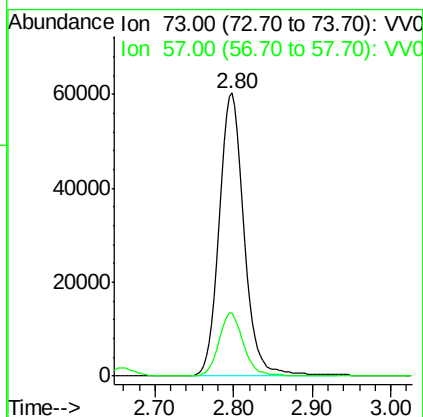
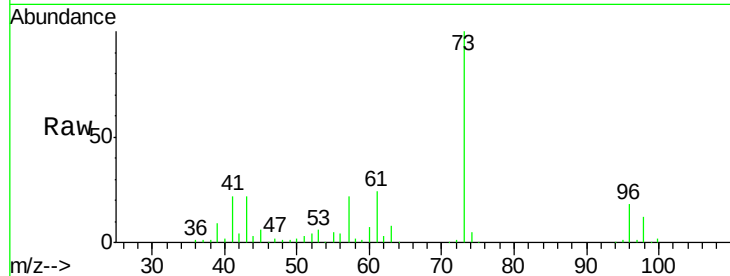




#19  
Methyl tert-butyl Ether  
Concen: 98.814 ug/l  
RT: 2.80 min Scan# 531  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

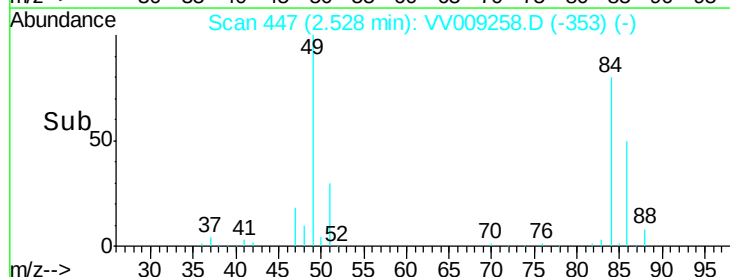
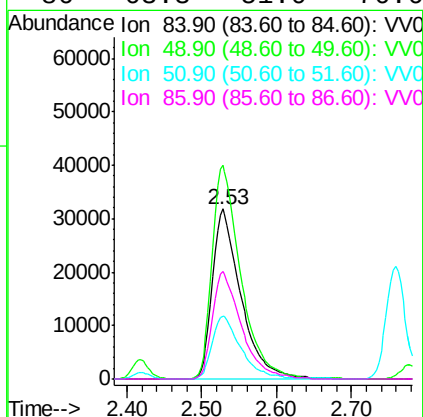
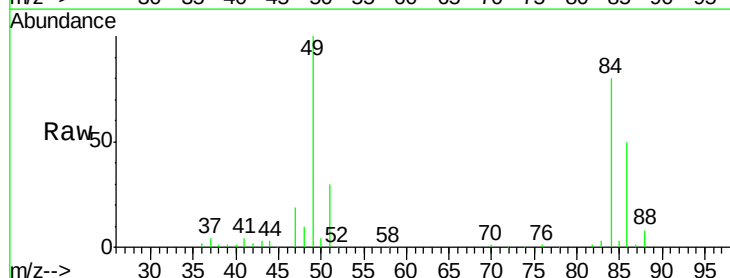
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

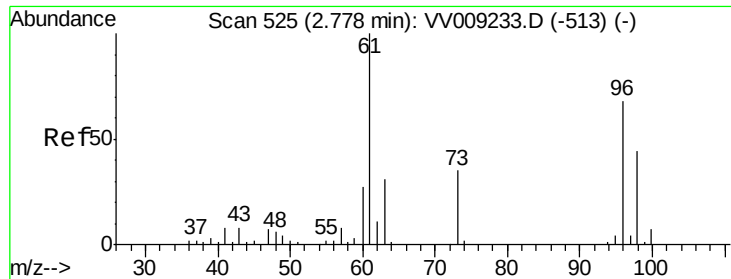
Tot Ion: 73 Resp: 131652  
Ion Ratio Lower Upper  
73 100  
57 22.2 18.0 27.0



#20  
Methylene Chloride  
Concen: 99.256 ug/l  
RT: 2.53 min Scan# 447  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

Tgt Ion: 84 Resp: 84404  
Ion Ratio Lower Upper  
84 100  
49 125.7 102.0 153.0  
51 37.1 30.9 46.3  
86 63.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 89.966 ug/l

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

VSTDIC100

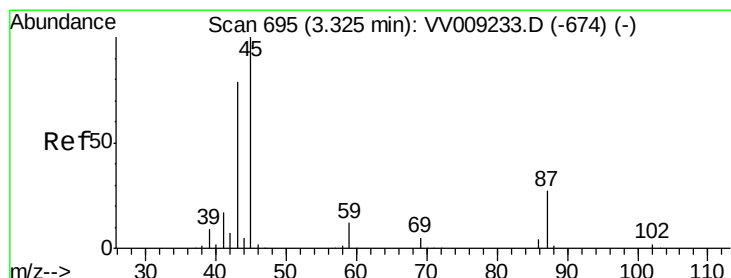
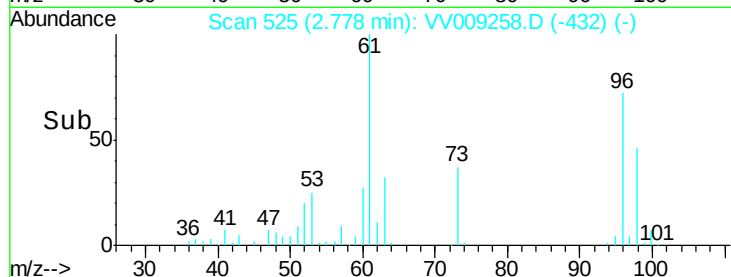
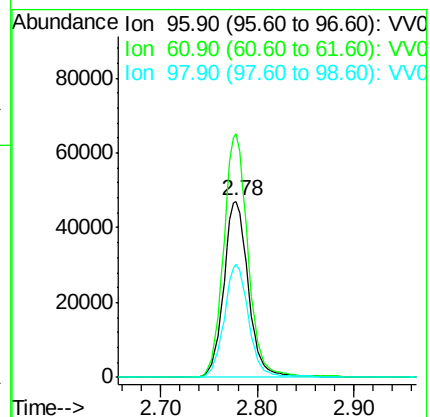
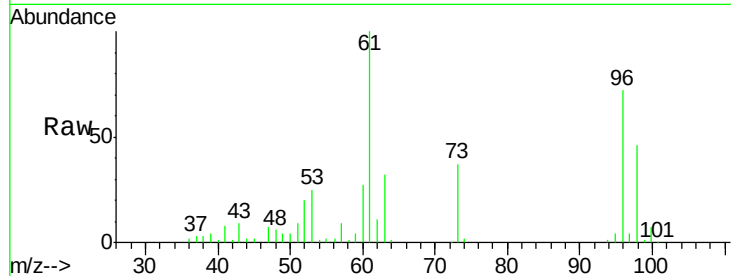
Tot Ion: 96 Resp: 83195

Ion Ratio Lower Upper

96 100

61 138.2 117.7 176.5

98 63.9 51.5 77.3



#22

Diisopropyl ether

Concen: 90.506 ug/l

RT: 3.32 min Scan# 695

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Tgt Ion: 45 Resp: 285089

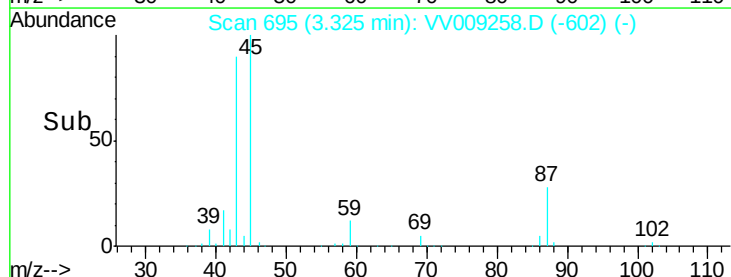
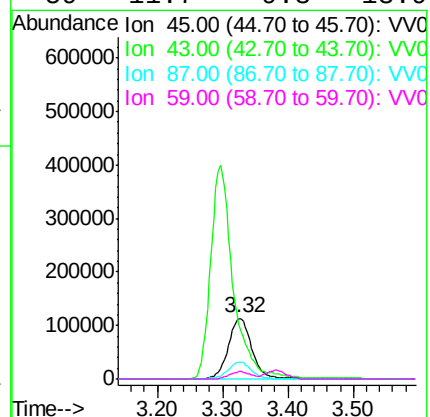
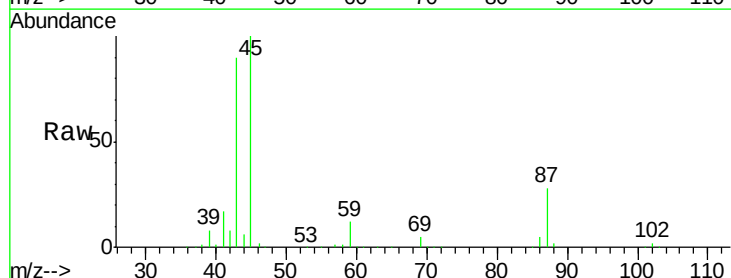
Ion Ratio Lower Upper

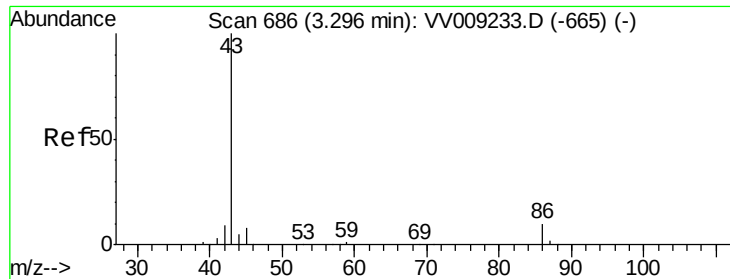
45 100

43 88.9 63.0 94.4

87 28.2 21.5 32.3

59 11.7 9.3 13.9





#23

Vinyl Acetate

Concen: 561.819 ug/l

RT: 3.30 min Scan# 686

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

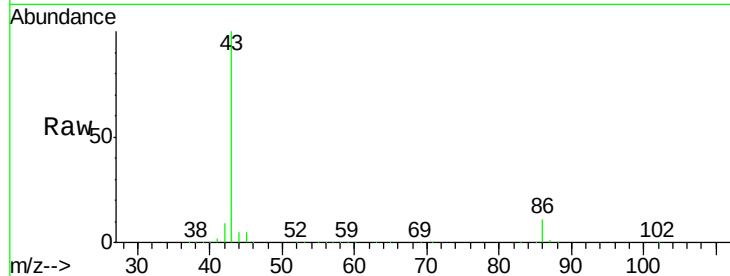
VSTDIC100

Tot Ion: 43 Resp: 960229

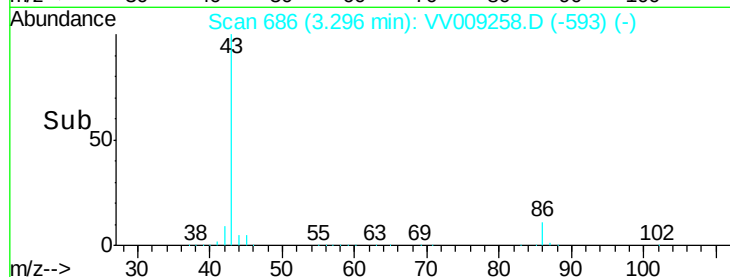
Ion Ratio Lower Upper

43 100

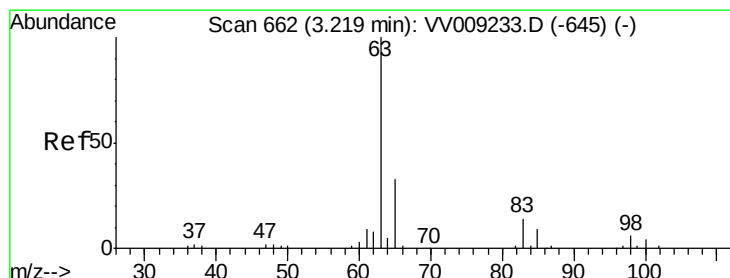
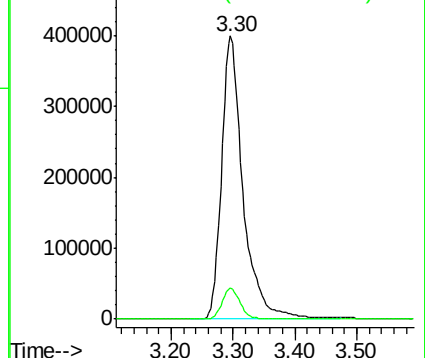
86 11.0 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VV009258.D (-593) (-)



Ion 86.00 (85.70 to 86.70): VV009258.D (-593) (-)



#24

1,1-Dichloroethane

Concen: 90.324 ug/l

RT: 3.22 min Scan# 661

Delta R.T. -0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

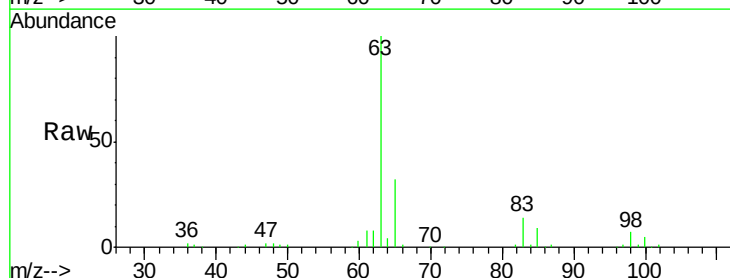
Tgt Ion: 63 Resp: 177013

Ion Ratio Lower Upper

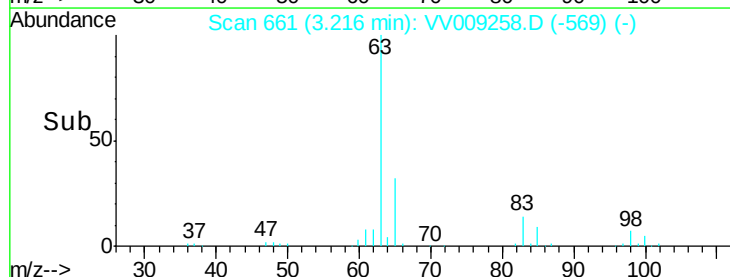
63 100

98 7.3 3.3 9.8

100 4.6 2.2 6.6

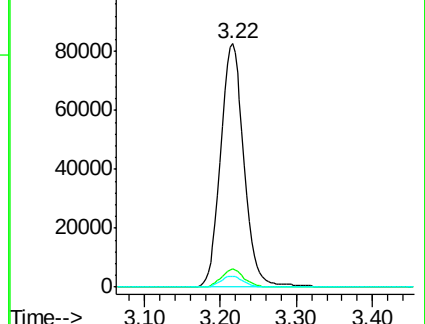


Abundance Ion 62.90 (62.60 to 63.60): VV009258.D (-569) (-)

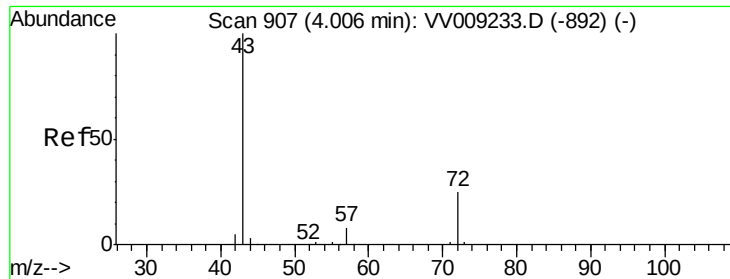


Ion 97.90 (97.60 to 98.60): VV009258.D (-569) (-)

Ion 99.90 (99.60 to 100.60): VV009258.D (-569) (-)







#25

2-Butanone

Concen: 614.310 ug/l

RT: 4.01 min Scan# 909

Delta R.T. 0.01 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

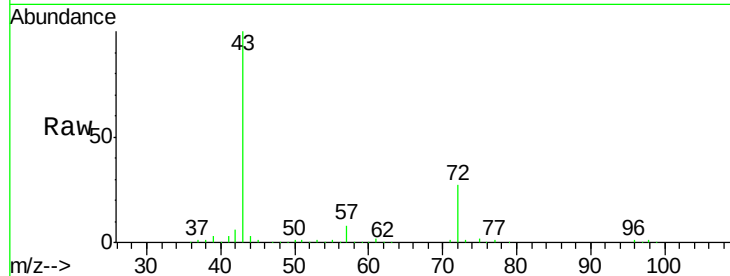
VSTDIC100

Tot Ion: 43 Resp: 188356

Ion Ratio Lower Upper

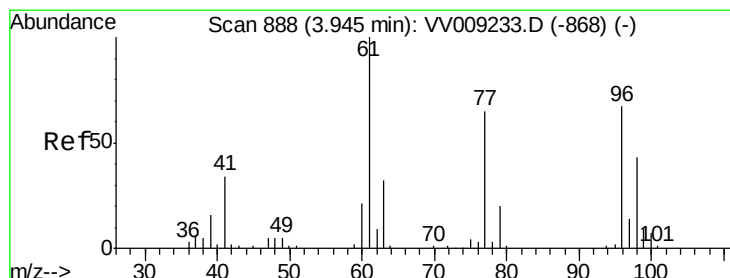
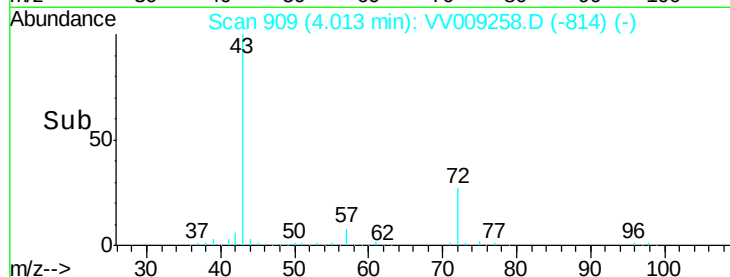
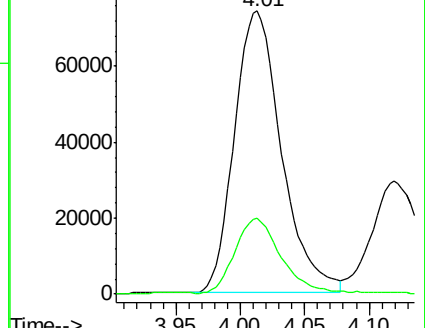
43 100

72 26.4 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-892) (-)

Ion 72.00 (71.70 to 72.70): VV009233.D (-892) (-)



#26

2,2-Dichloropropane

Concen: 84.067 ug/l

RT: 3.95 min Scan# 888

Delta R.T. 0.00 min

Lab File: VV009258.D

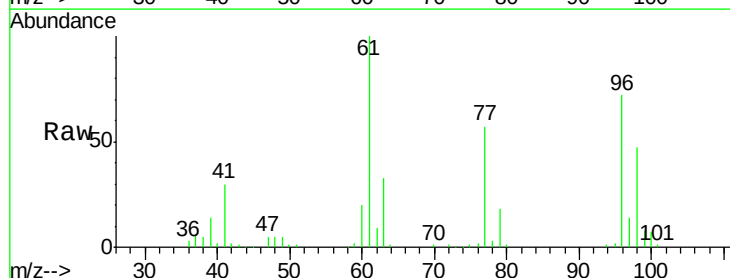
Acq: 24 Jan 2019 14:16

Tgt Ion: 77 Resp: 92720

Ion Ratio Lower Upper

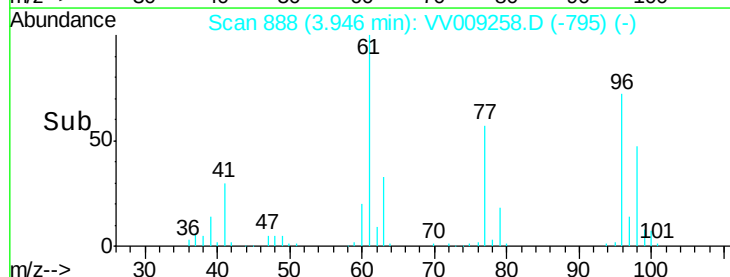
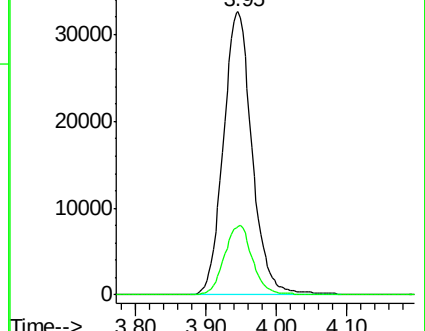
77 100

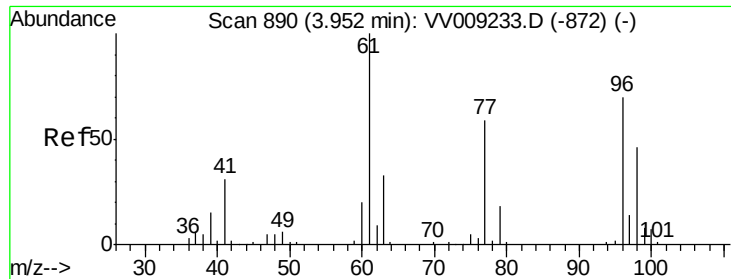
97 23.8 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VV009233.D (-868) (-)

Ion 96.90 (96.60 to 97.60): VV009233.D (-868) (-)



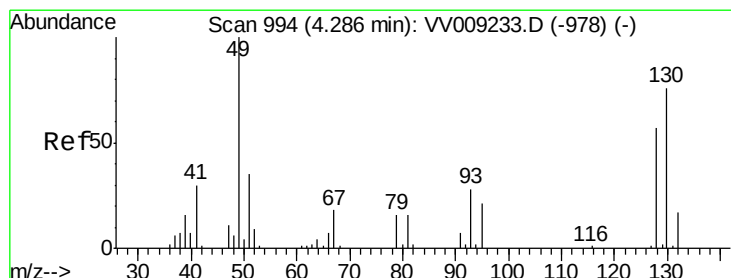
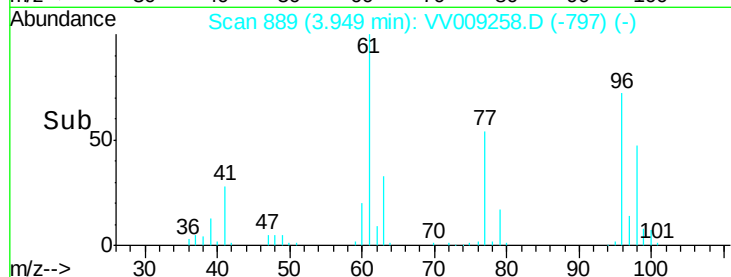
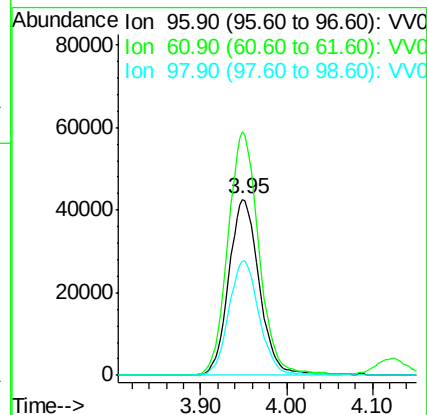
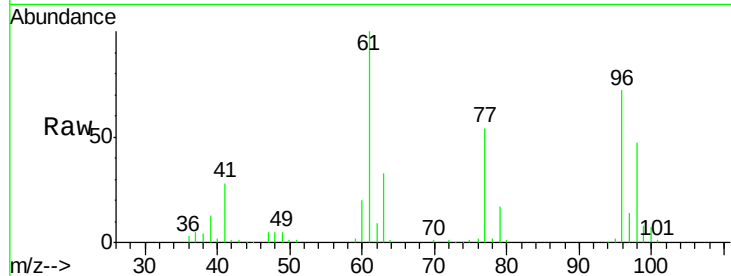


#27

cis-1,2-Dichloroethene  
Concen: 94.256 ug/l  
RT: 3.95 min Scan# 889  
Delta R.T. -0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

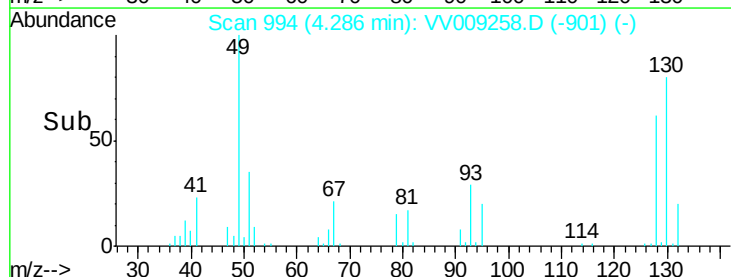
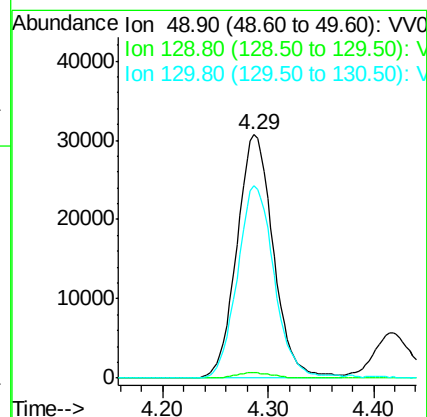
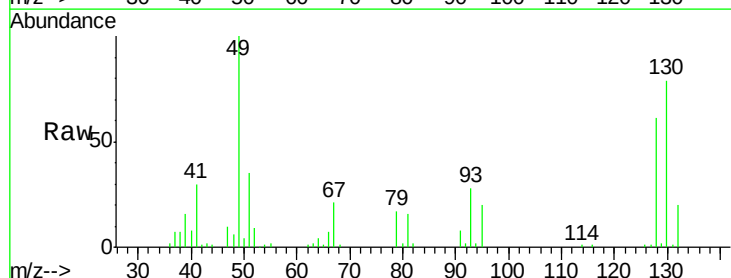
Tot Ion: 96 Resp: 105341  
Ion Ratio Lower Upper  
96 100  
61 140.7 0.0 296.4  
98 64.5 0.0 130.0

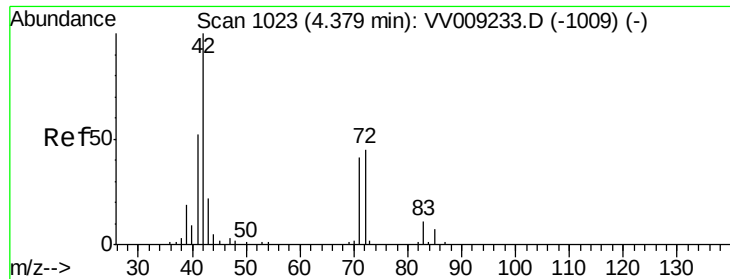


#28

Bromochloromethane  
Concen: 101.973 ug/l  
RT: 4.29 min Scan# 994  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

Tgt Ion: 49 Resp: 73747  
Ion Ratio Lower Upper  
49 100  
129 2.1 0.0 3.6  
130 79.9 60.2 90.4

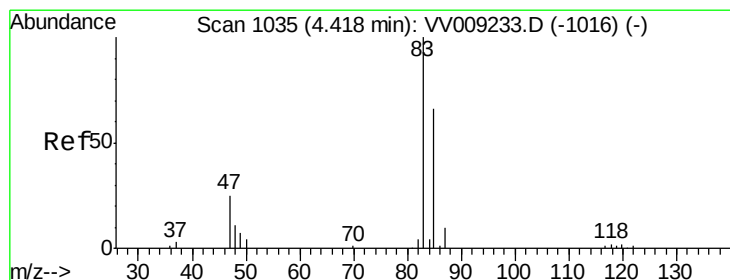
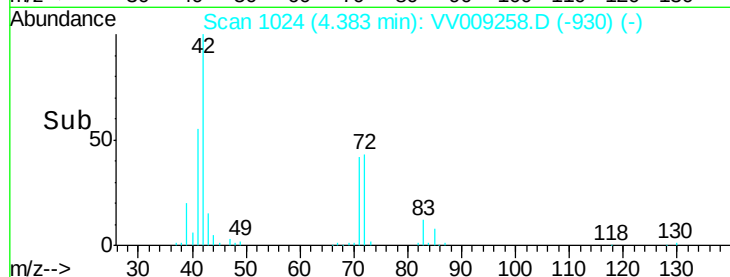
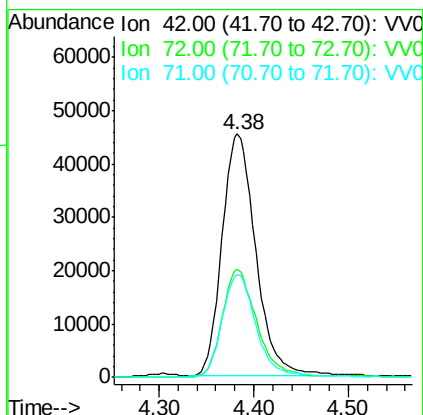
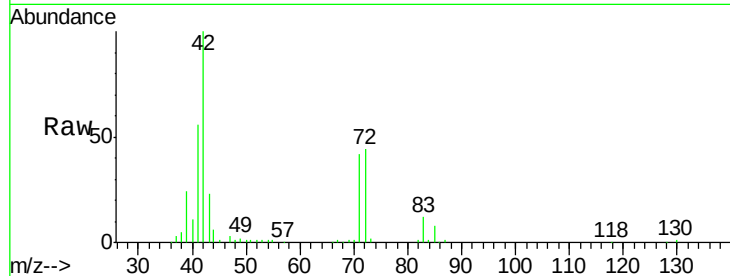




#29  
Tetrahydrofuran  
Concen: 675.112 ug/l  
RT: 4.38 min Scan# 1024  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

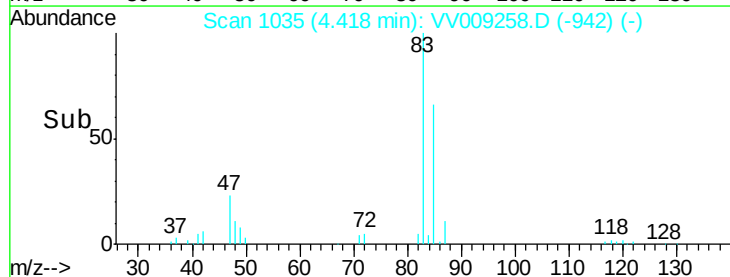
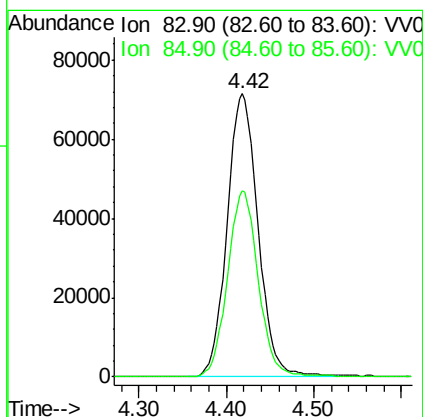
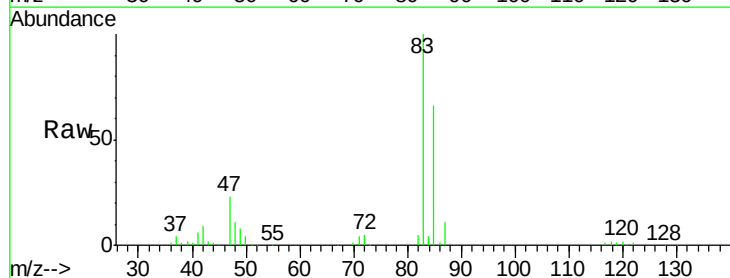
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

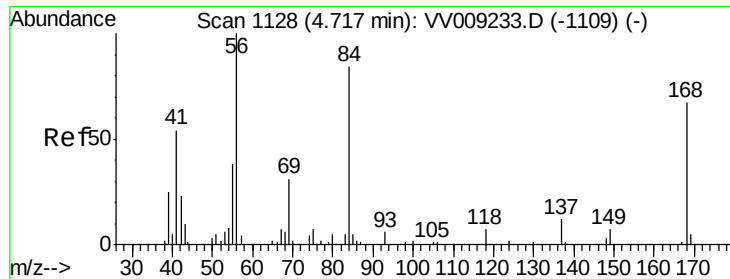
Tot Ion: 42 Resp: 112585  
Ion Ratio Lower Upper  
42 100  
72 46.1 37.7 56.5  
71 43.0 31.5 47.3



#30  
Chloroform  
Concen: 89.246 ug/l  
RT: 4.42 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

Tgt Ion: 83 Resp: 175660  
Ion Ratio Lower Upper  
83 100  
85 65.9 52.6 79.0





#31

Cyclohexane

Concen: 87.904 ug/l

RT: 4.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

VSTDIC100

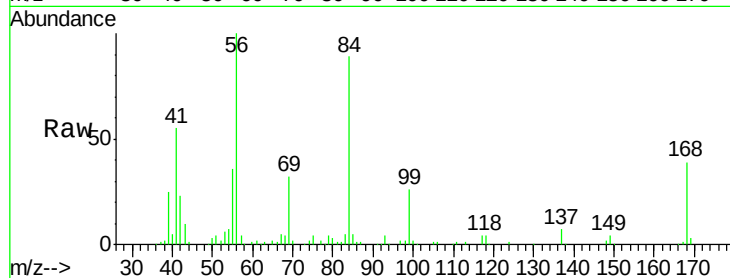
Tot Ion: 56 Resp: 157266

Ion Ratio Lower Upper

56 100

69 31.6 25.1 37.7

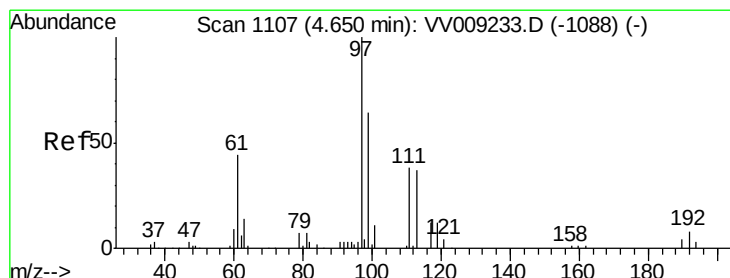
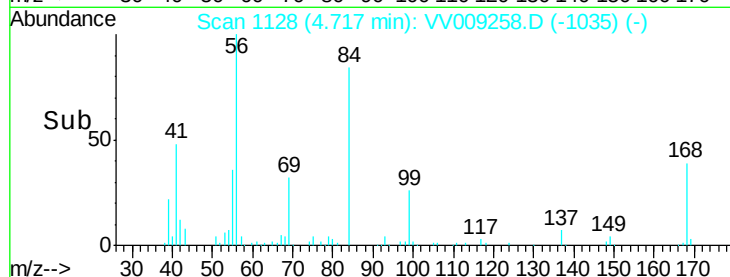
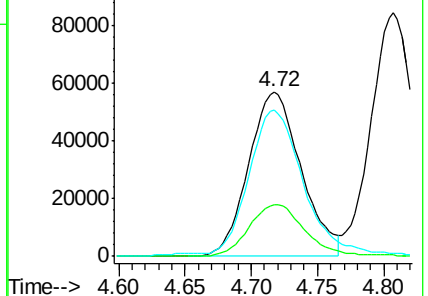
84 87.1 67.3 100.9



Abundance Ion 56.00 (55.70 to 56.70): VV009258.D (-1035) (-)

Ion 69.00 (68.70 to 69.70): VV009258.D (-1035) (-)

Ion 84.00 (83.70 to 84.70): VV009258.D (-1035) (-)



#32

1,1,1-Trichloroethane

Concen: 82.848 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

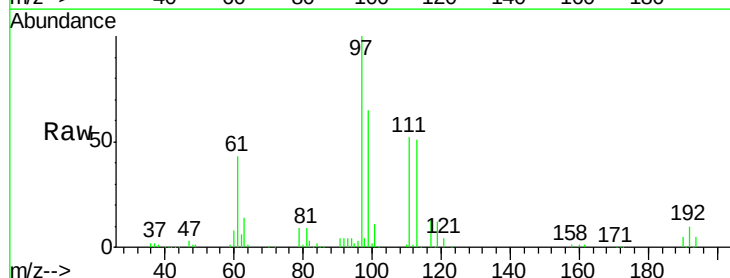
Tgt Ion: 97 Resp: 137441

Ion Ratio Lower Upper

97 100

99 62.7 50.2 75.2

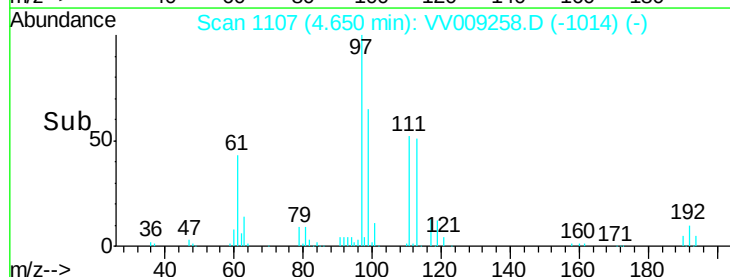
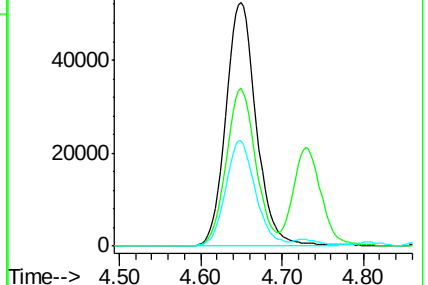
61 42.4 34.7 52.1

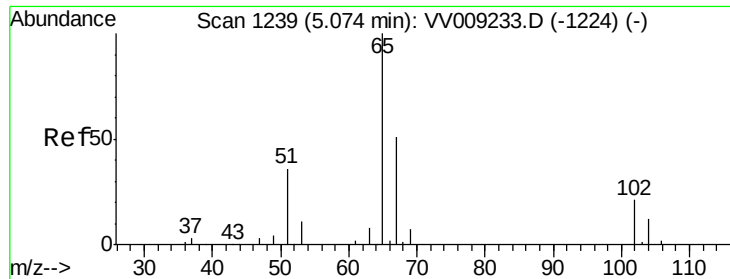


Abundance Ion 96.90 (96.60 to 97.60): VV009258.D (-1014) (-)

Ion 98.90 (98.60 to 99.60): VV009258.D (-1014) (-)

Ion 60.90 (60.60 to 61.60): VV009258.D (-1014) (-)

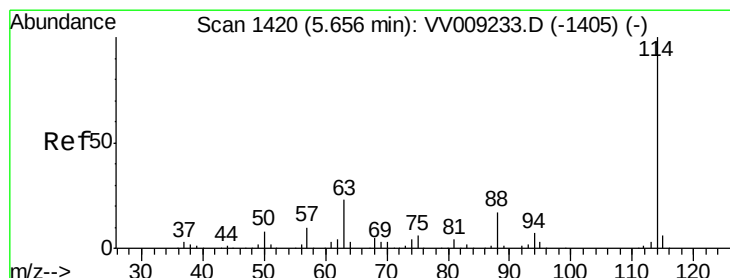
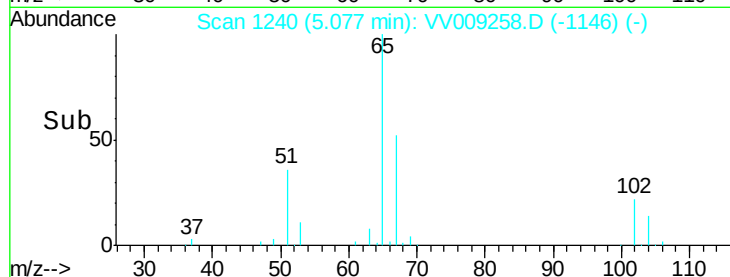
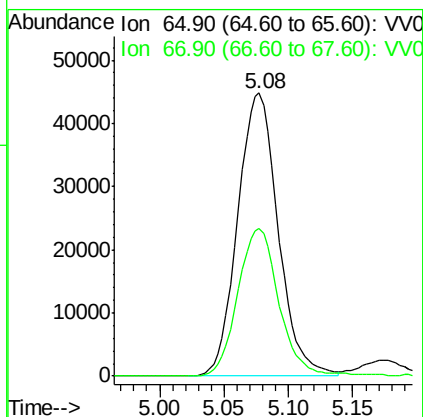
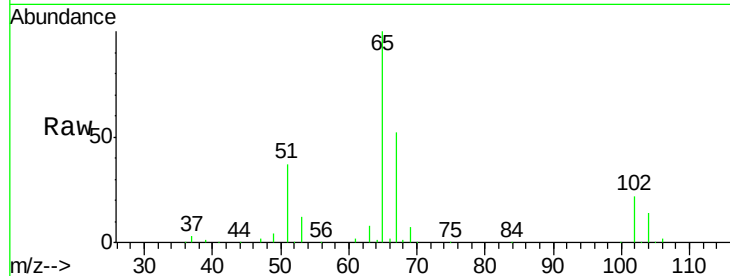




#33  
 1,2-Dichloroethane-d4  
 Concen: 99.241 ug/l  
 RT: 5.08 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

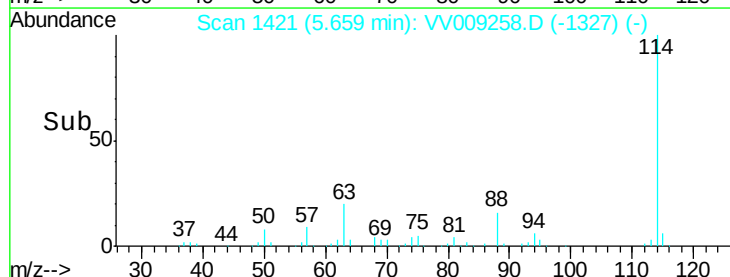
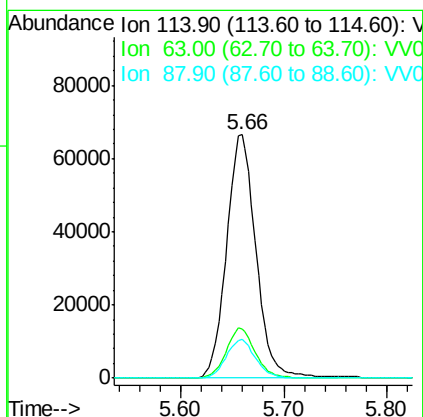
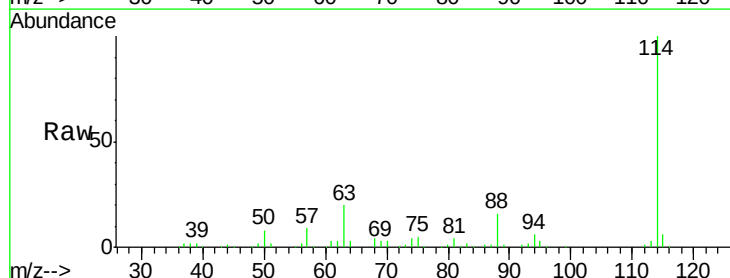
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDIC100

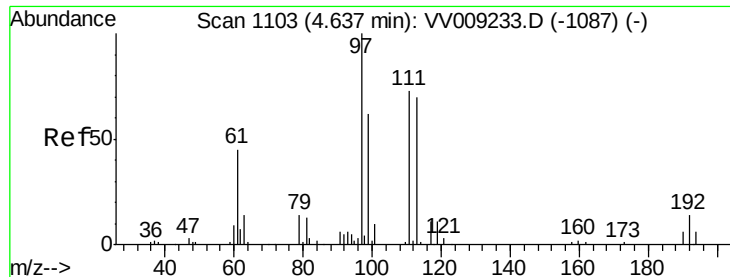
Tot Ion: 65 Resp: 98076  
 Ion Ratio Lower Upper  
 65 100  
 67 53.0 0.0 102.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.66 min Scan# 1421  
 Delta R.T. 0.00 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

Tgt Ion: 114 Resp: 132068  
 Ion Ratio Lower Upper  
 114 100  
 63 20.4 0.0 45.2  
 88 16.0 0.0 33.4

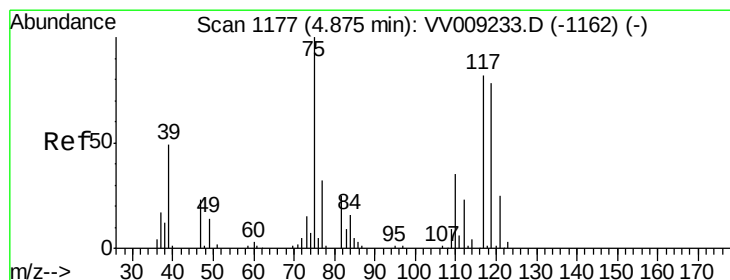
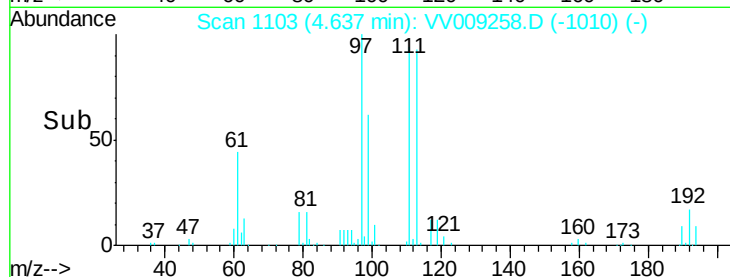
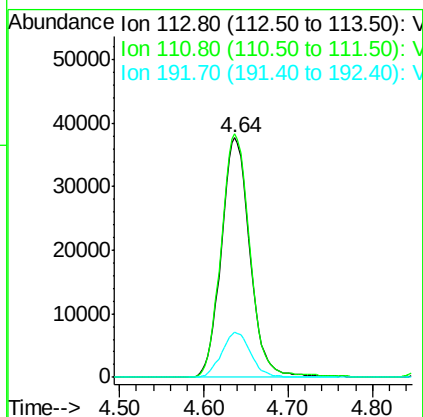
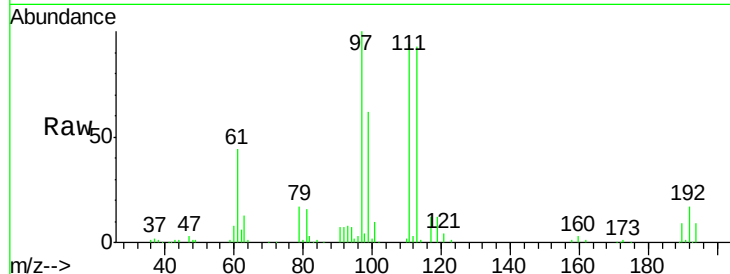




#35  
Dibromofluoromethane  
Concen: 103.387 ug/l  
RT: 4.64 min Scan# 1103  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

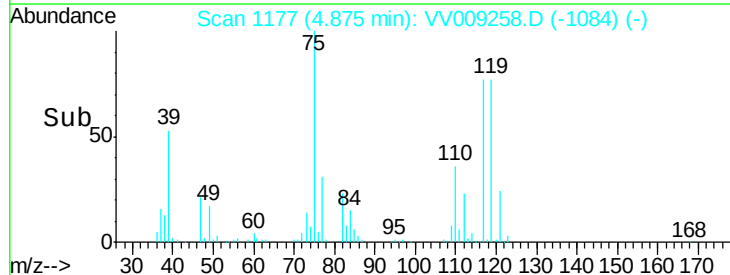
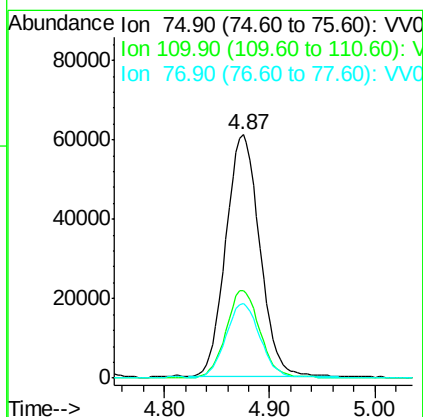
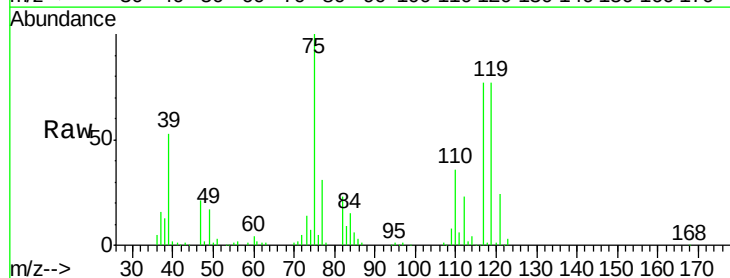
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

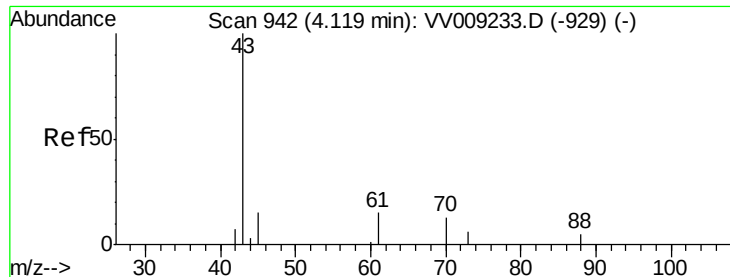
Tot Ion:113 Resp: 88850  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.4 123.6  
192 19.2 15.0 22.6



#36  
1,1-Dichloropropene  
Concen: 92.912 ug/l  
RT: 4.87 min Scan# 1177  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

Tgt Ion: 75 Resp: 136238  
Ion Ratio Lower Upper  
75 100  
110 36.2 17.5 52.5  
77 30.8 25.5 38.3

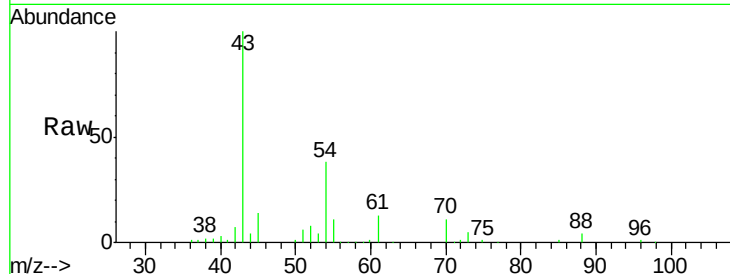




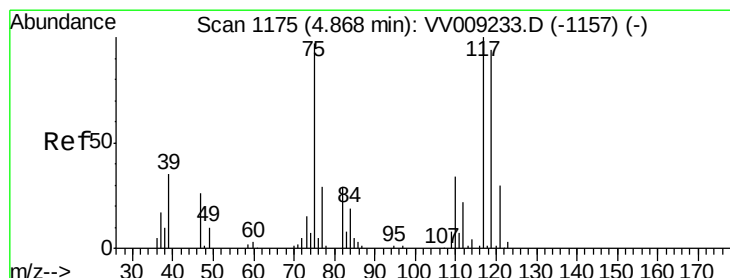
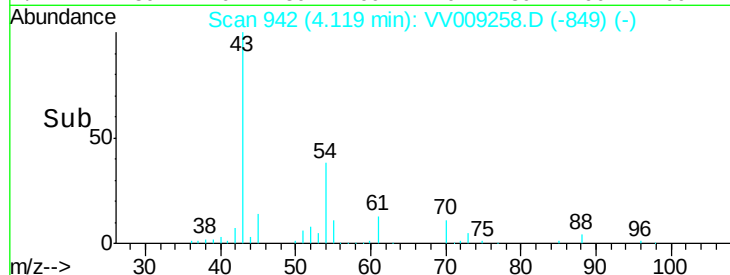
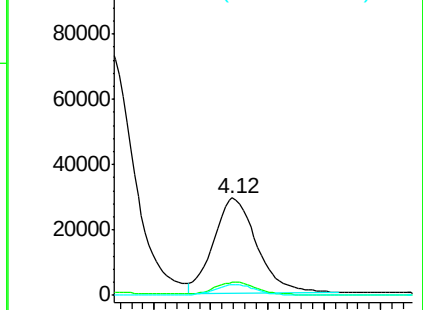
#37  
Ethyl Acetate  
Concen: 136.529 ug/l  
RT: 4.12 min Scan# 942  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

Tot Ion: 43 Resp: 76937  
Ion Ratio Lower Upper  
43 100  
61 13.3 12.0 18.0  
70 10.9 8.7 13.1

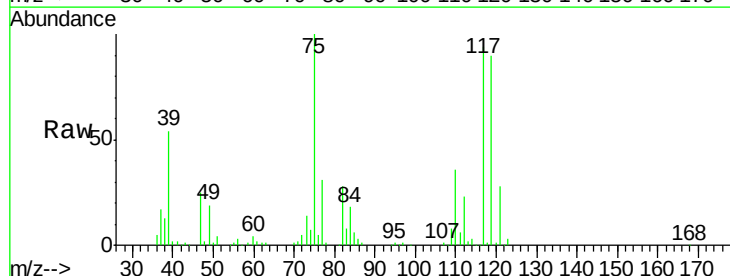


Abundance Ion 43.00 (42.70 to 43.70): VV0  
Ion 60.90 (60.60 to 61.60): VV0  
Ion 70.00 (69.70 to 70.70): VV0

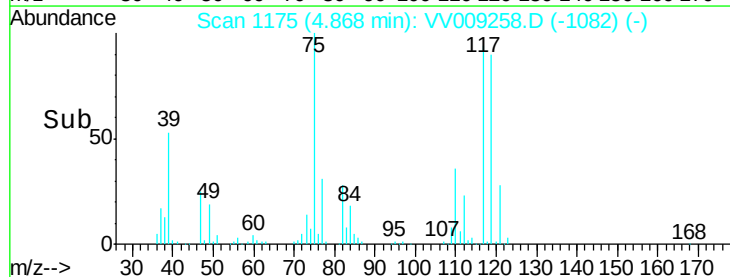
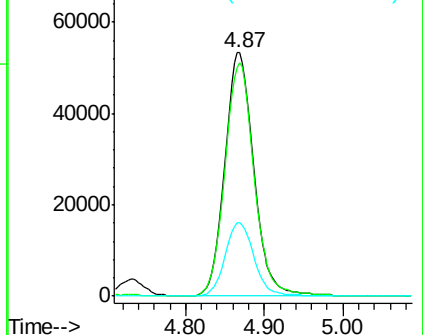


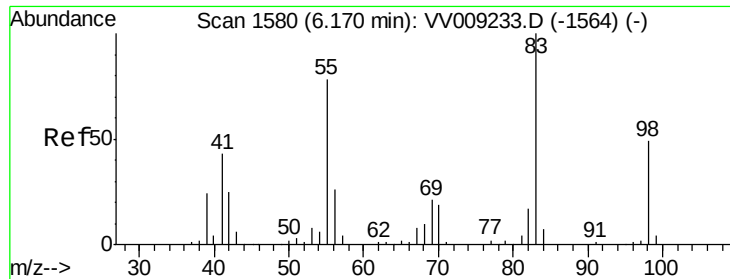
#38  
Carbon Tetrachloride  
Concen: 92.664 ug/l  
RT: 4.87 min Scan# 1175  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

Tgt Ion: 117 Resp: 136027  
Ion Ratio Lower Upper  
117 100  
119 95.9 75.4 113.2  
121 30.2 24.2 36.2



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

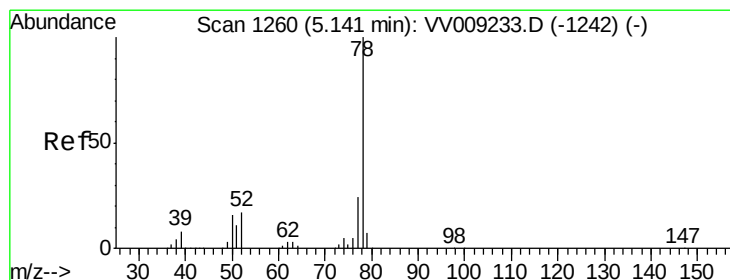
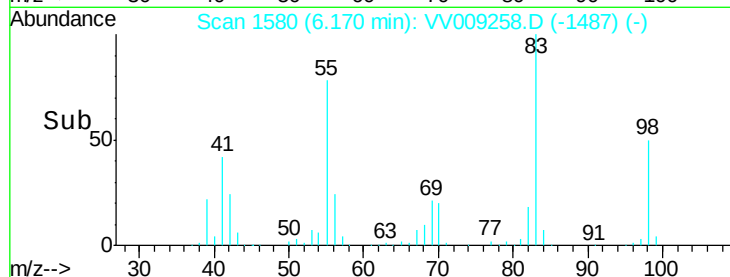
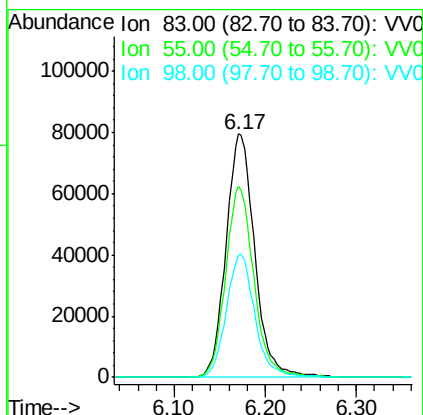
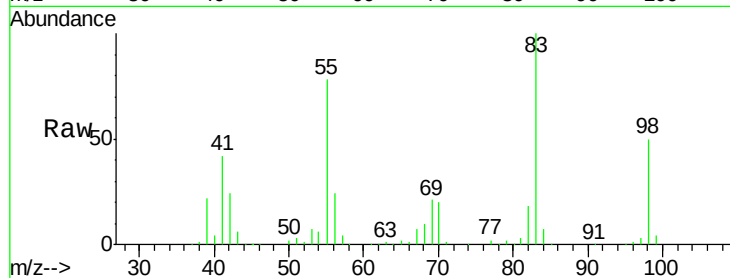




#39  
Methylvlcyclohexane  
Concen: 100.323 ug/l  
RT: 6.17 min Scan# 1580  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

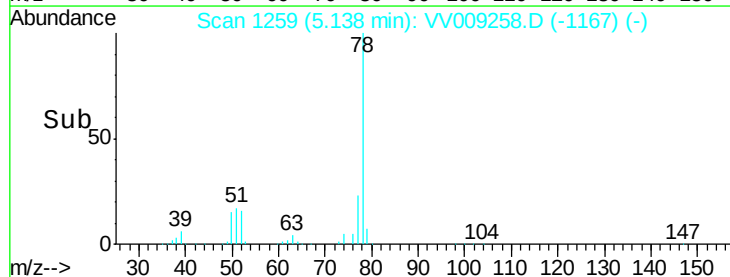
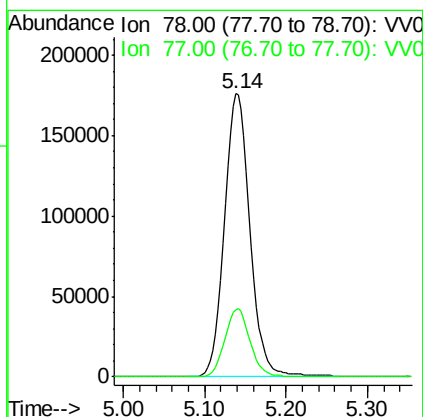
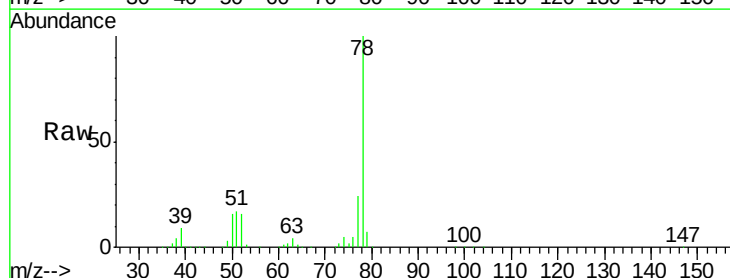
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

Tot Ion: 83 Resp: 174199  
Ion Ratio Lower Upper  
83 100  
55 78.5 62.8 94.2  
98 50.3 39.1 58.7

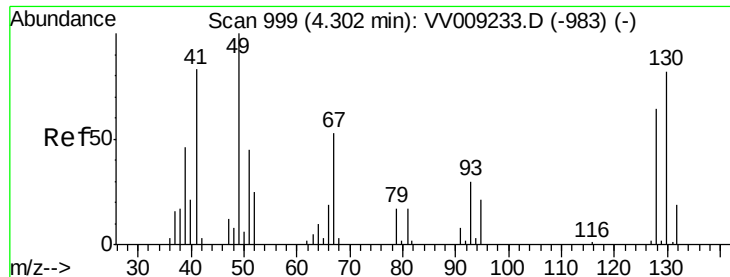


#40  
Benzene  
Concen: 95.199 ug/l  
RT: 5.14 min Scan# 1259  
Delta R.T. -0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

Tgt Ion: 78 Resp: 390420  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.4 29.2



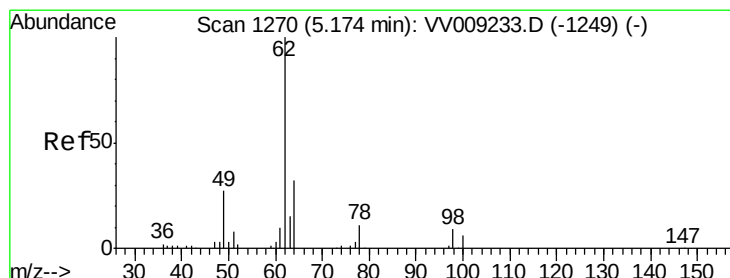
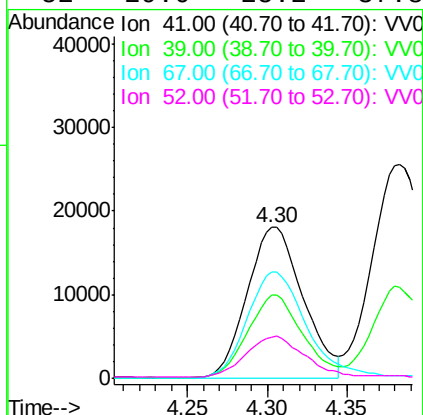
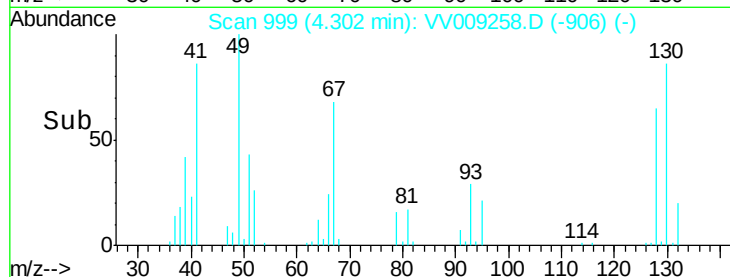
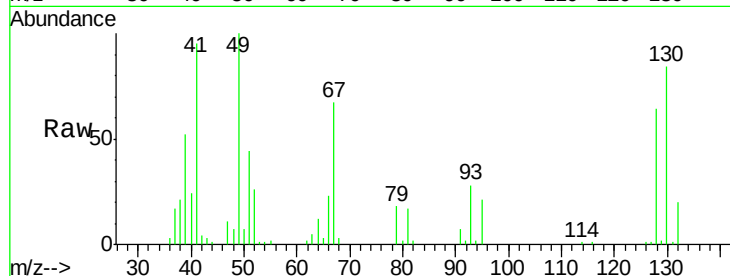




#41  
Methacrylonitrile  
Concen: 128.114 ug/l  
RT: 4.30 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

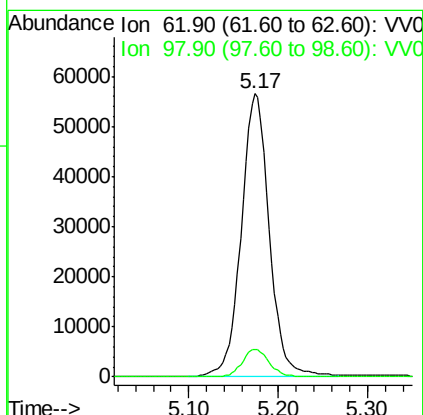
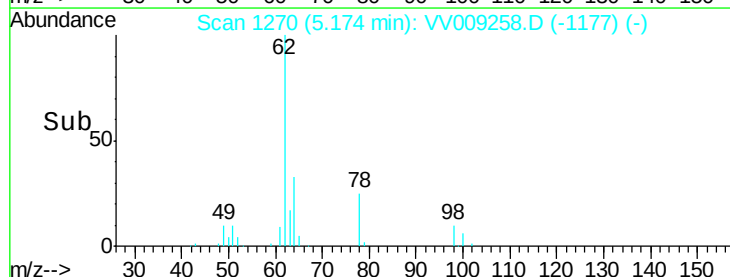
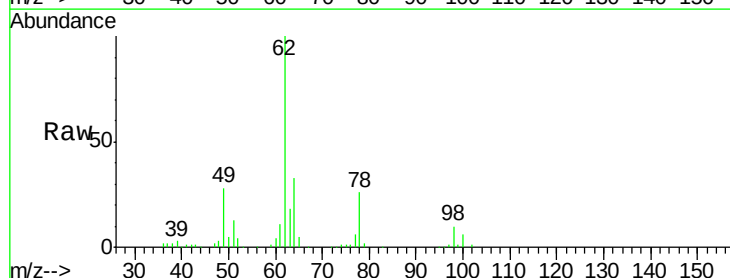
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

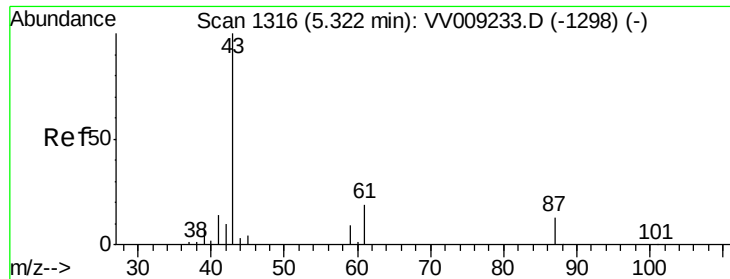
Tot Ion: 41 Resp: 43511  
Ion Ratio Lower Upper  
41 100  
39 54.3 45.4 68.0  
67 76.1 55.5 83.3  
52 29.0 25.2 37.8



#42  
1,2-Dichloroethane  
Concen: 96.480 ug/l  
RT: 5.17 min Scan# 1270  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

Tgt Ion: 62 Resp: 123836  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 16.4





#43

Isopropyl Acetate

Concen: 125.248 ug/l

RT: 5.32 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

VSTDIC100

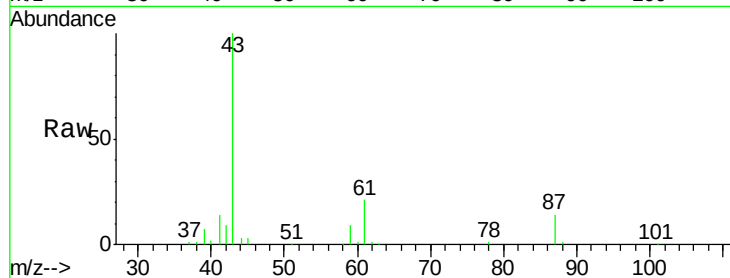
Tot Ion: 43 Resp: 138830

Ion Ratio Lower Upper

43 100

61 21.0 15.4 23.0

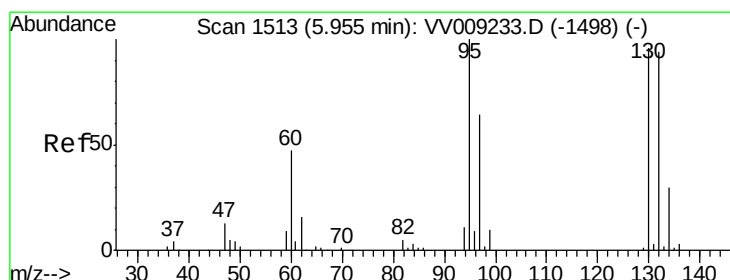
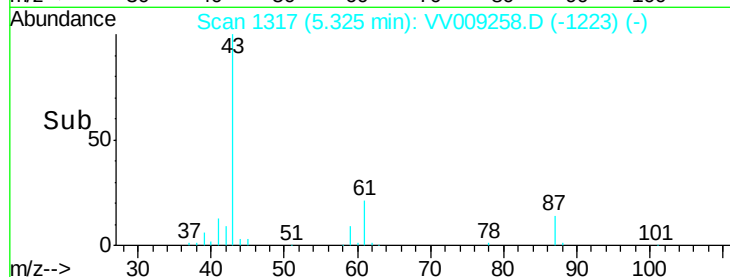
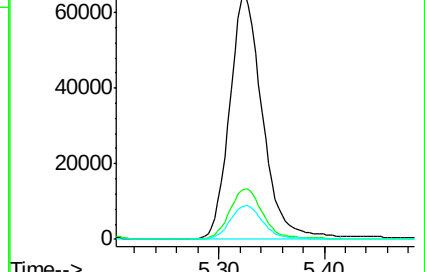
87 14.1 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-1298) (-)

Ion 61.00 (60.70 to 61.70): VV009233.D (-1298) (-)

Ion 87.00 (86.70 to 87.70): VV009233.D (-1298) (-)



#44

Trichloroethene

Concen: 95.884 ug/l

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV009258.D

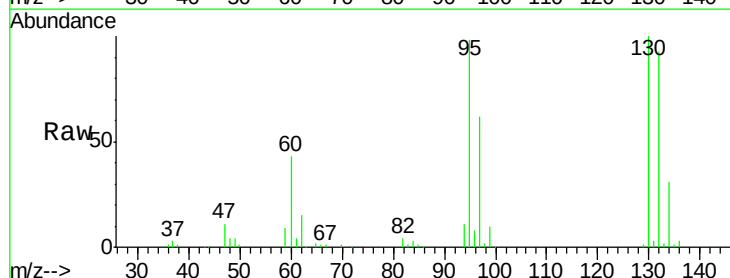
Acq: 24 Jan 2019 14:16

Tgt Ion:130 Resp: 103477

Ion Ratio Lower Upper

130 100

95 97.7 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): VV009233.D (-1498) (-)

Ion 94.90 (94.60 to 95.60): VV009233.D (-1498) (-)

Ion 130.50 (130.20 to 130.80): VV009233.D (-1498) (-)

Ion 131.00 (130.70 to 131.30): VV009233.D (-1498) (-)

Ion 132.00 (131.70 to 132.30): VV009233.D (-1498) (-)

Ion 133.00 (132.70 to 133.30): VV009233.D (-1498) (-)

Ion 134.00 (133.70 to 134.30): VV009233.D (-1498) (-)

Ion 135.00 (134.70 to 135.30): VV009233.D (-1498) (-)

Ion 136.00 (135.70 to 136.30): VV009233.D (-1498) (-)

Ion 137.00 (136.70 to 137.30): VV009233.D (-1498) (-)

Ion 138.00 (137.70 to 138.30): VV009233.D (-1498) (-)

Ion 139.00 (138.70 to 139.30): VV009233.D (-1498) (-)

Ion 140.00 (139.70 to 140.30): VV009233.D (-1498) (-)

Ion 141.00 (140.70 to 141.30): VV009233.D (-1498) (-)

Ion 142.00 (141.70 to 142.30): VV009233.D (-1498) (-)

Ion 143.00 (142.70 to 143.30): VV009233.D (-1498) (-)

Ion 144.00 (143.70 to 144.30): VV009233.D (-1498) (-)

Ion 145.00 (144.70 to 145.30): VV009233.D (-1498) (-)

Ion 146.00 (145.70 to 146.30): VV009233.D (-1498) (-)

Ion 147.00 (146.70 to 147.30): VV009233.D (-1498) (-)

Ion 148.00 (147.70 to 148.30): VV009233.D (-1498) (-)

Ion 149.00 (148.70 to 149.30): VV009233.D (-1498) (-)

Ion 150.00 (149.70 to 150.30): VV009233.D (-1498) (-)

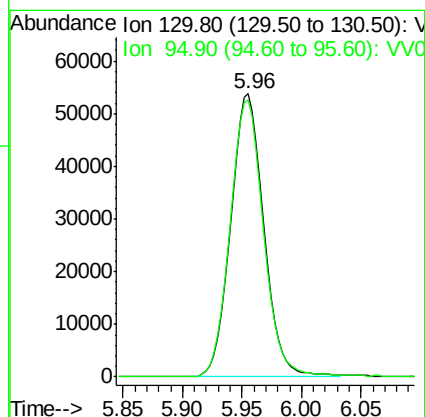
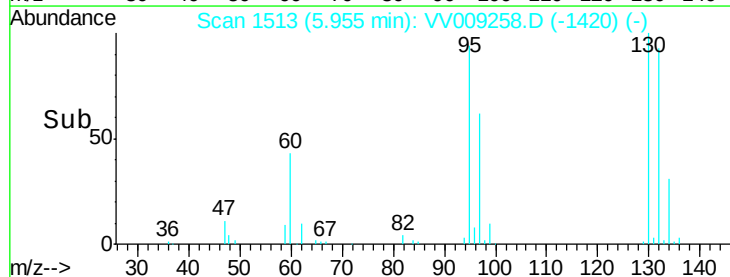
Ion 151.00 (150.70 to 151.30): VV009233.D (-1498) (-)

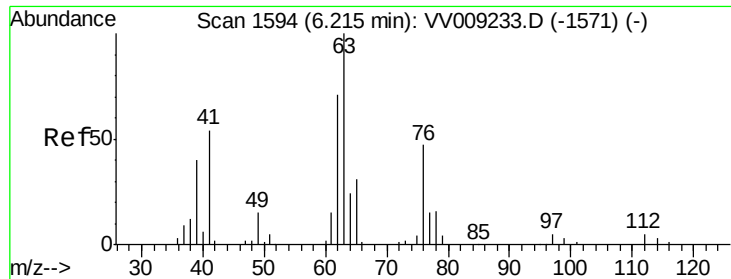
Ion 152.00 (151.70 to 152.30): VV009233.D (-1498) (-)

Ion 153.00 (152.70 to 153.30): VV009233.D (-1498) (-)

Ion 154.00 (153.70 to 154.30): VV009233.D (-1498) (-)

Ion 155.00 (154.70 to 155.30): VV009233.D (-1498) (-)

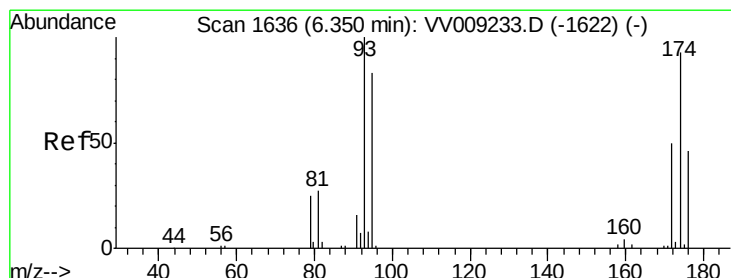
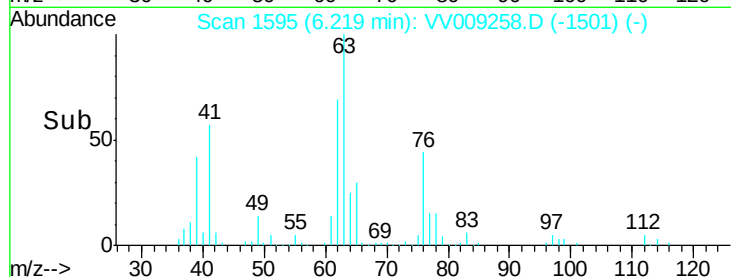
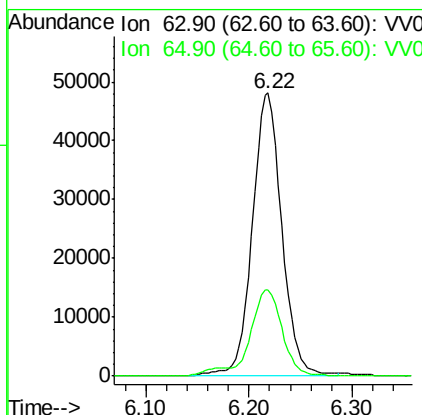
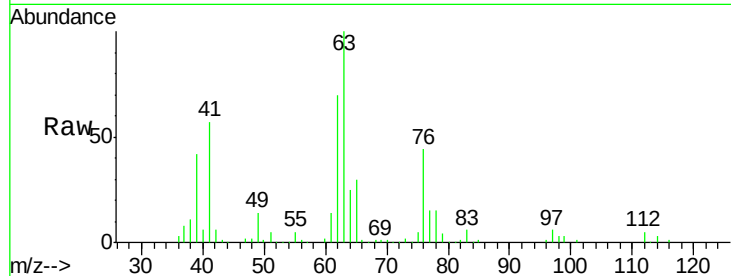




#45  
 1,2-Dichloropropane  
 Concen: 96.735 ug/l  
 RT: 6.22 min Scan# 1595  
 Delta R.T. 0.00 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

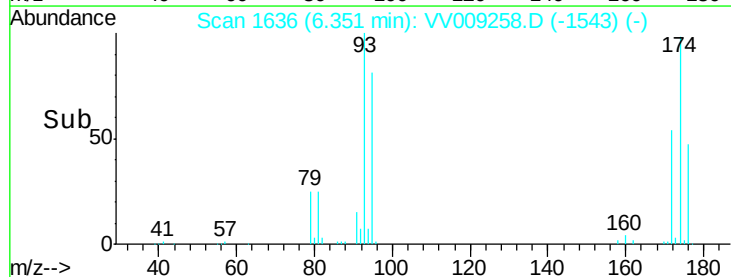
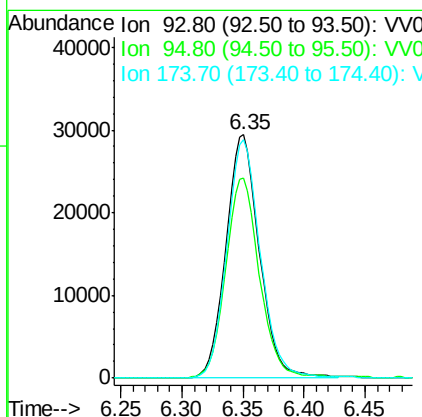
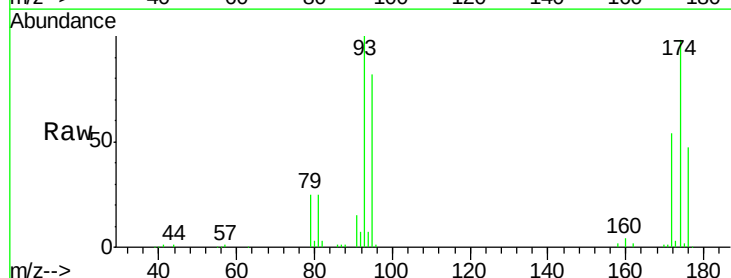
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDIC100

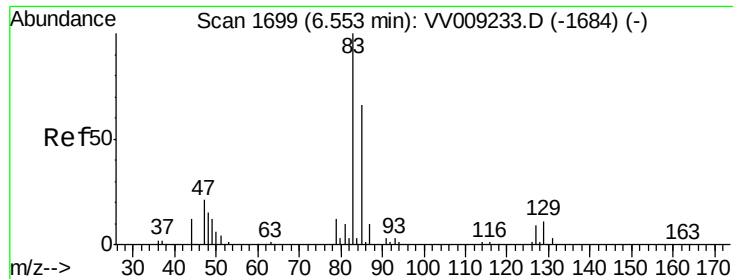
Tot Ion: 63 Resp: 95427  
 Ion Ratio Lower Upper  
 63 100  
 65 30.0 25.1 37.7



#46  
 Dibromomethane  
 Concen: 111.529 ug/l  
 RT: 6.35 min Scan# 1636  
 Delta R.T. 0.00 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

Tgt Ion: 93 Resp: 56454  
 Ion Ratio Lower Upper  
 93 100  
 95 83.2 64.6 97.0  
 174 97.5 74.0 111.0





#47

Bromodichloromethane

Concen: 98.150 ug/l

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

VSTDIC100

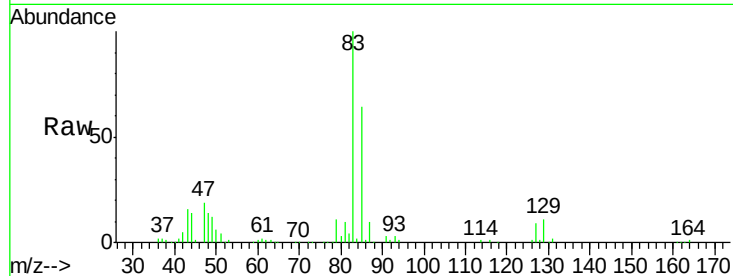
Tot Ion: 83 Resp: 131284

Ion Ratio Lower Upper

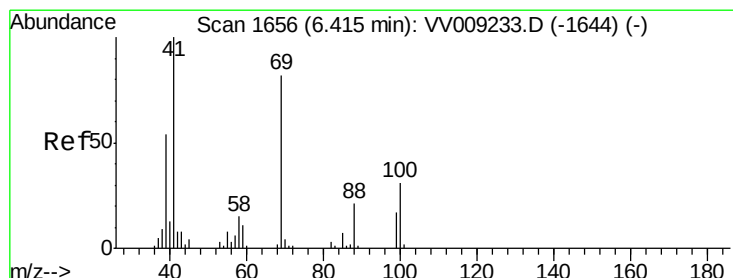
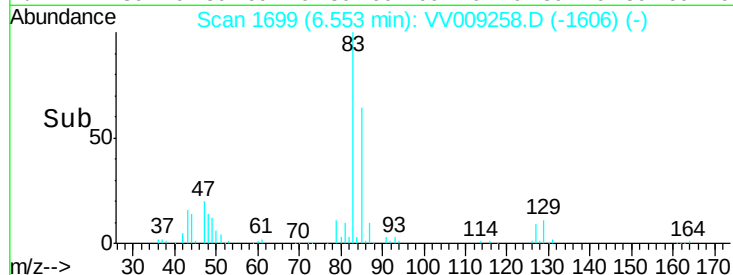
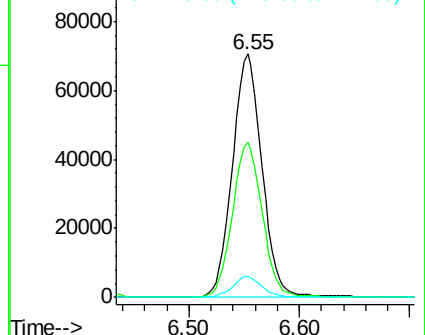
83 100

85 63.6 52.6 78.8

127 8.7 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VV0  
Ion 84.90 (84.60 to 85.60): VV0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 125.296 ug/l

RT: 6.41 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

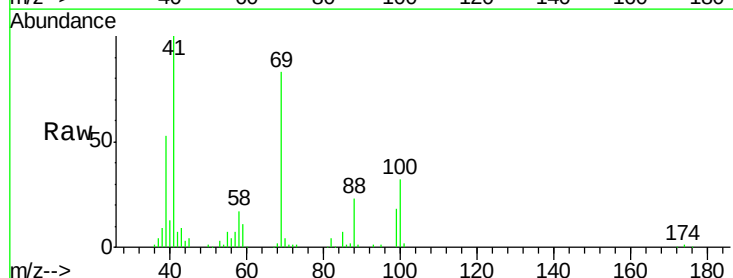
Tgt Ion: 41 Resp: 70870

Ion Ratio Lower Upper

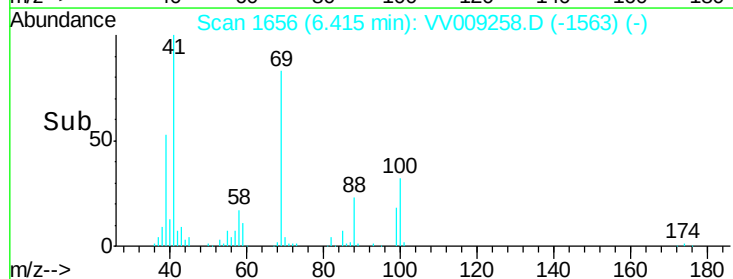
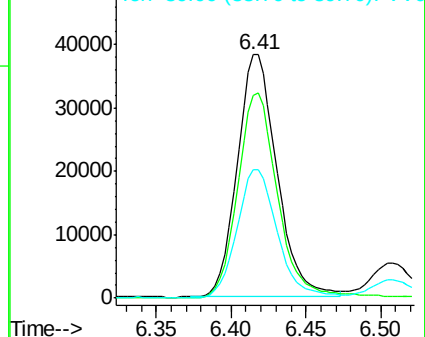
41 100

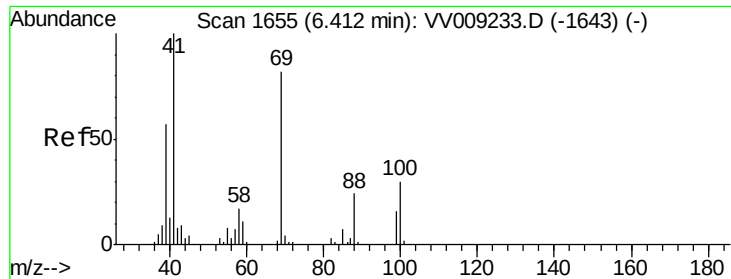
69 84.9 65.8 98.6

39 54.2 43.4 65.0



Abundance Ion 41.00 (40.70 to 41.70): VV0  
Ion 69.00 (68.70 to 69.70): VV0  
Ion 39.00 (38.70 to 39.70): VV0

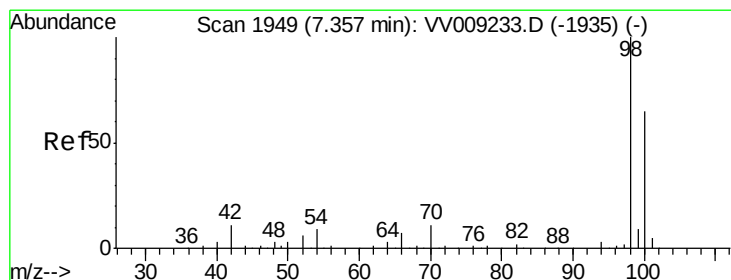
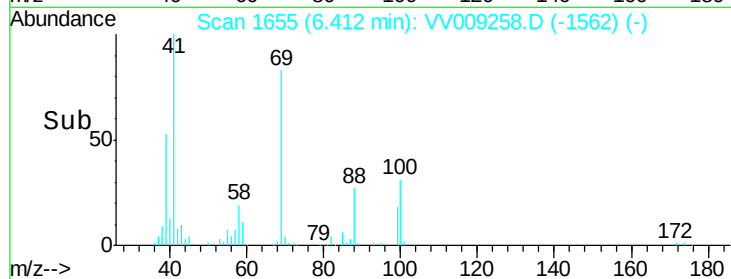
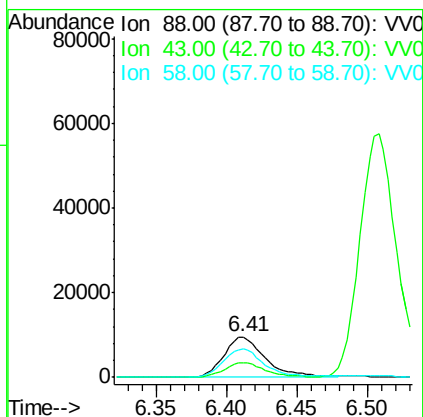
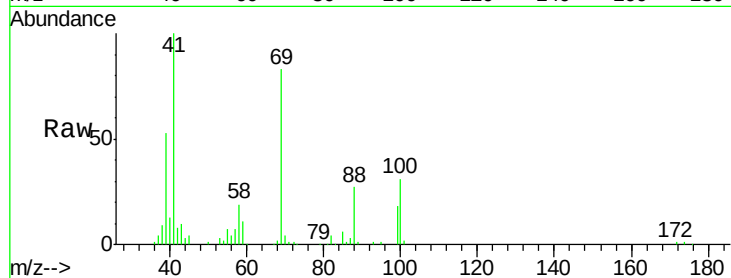




#49  
1,4-Dioxane  
Concen: 3056.505 ug/l  
RT: 6.41 min Scan# 1655  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

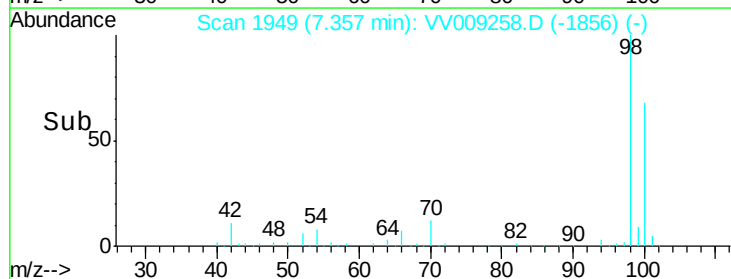
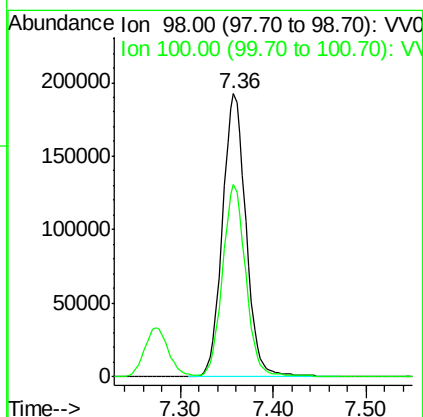
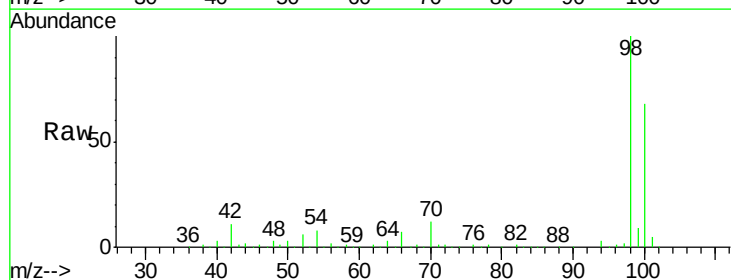
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC100

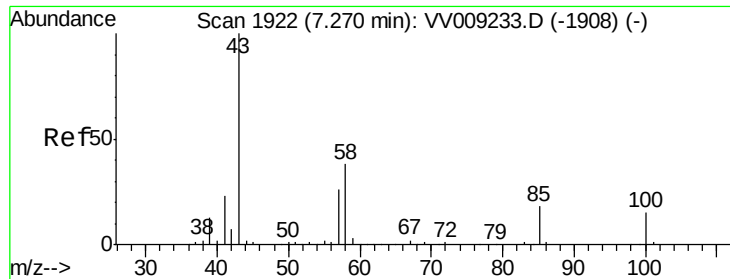
Tot Ion: 88 Resp: 19708  
Ion Ratio Lower Upper  
88 100  
43 36.0 31.9 47.9  
58 70.3 62.0 93.0



#50  
Toluene-d8  
Concen: 101.326 ug/l  
RT: 7.36 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

Tgt Ion: 98 Resp: 338910  
Ion Ratio Lower Upper  
98 100  
100 66.6 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 666.529 ug/l

RT: 7.27 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

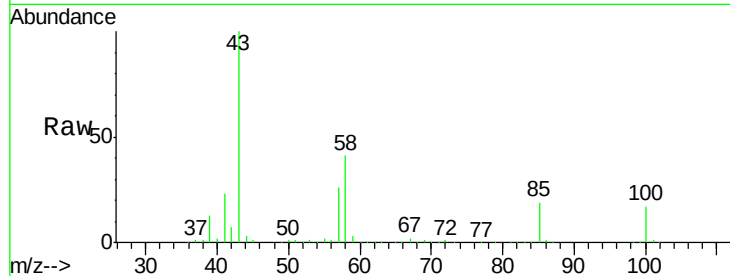
VSTDIC100

Tot Ion: 43 Resp: 374949

Ion Ratio Lower Upper

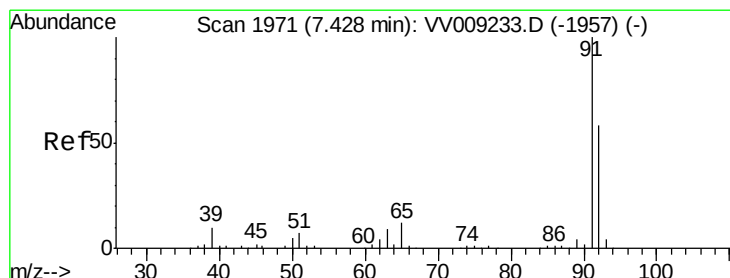
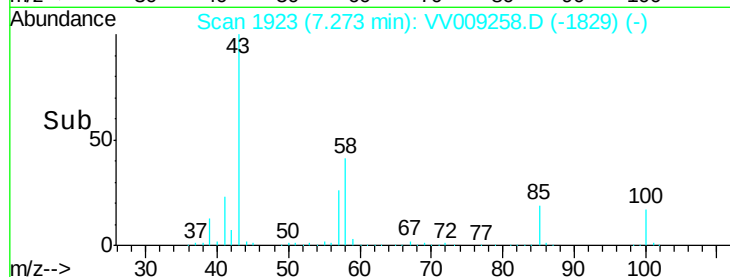
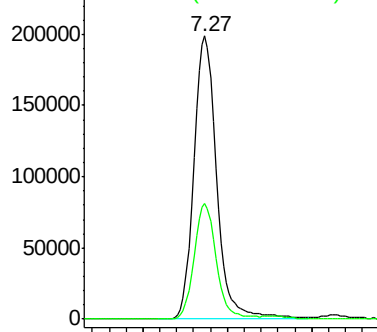
43 100

58 39.7 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#52

Toluene

Concen: 96.734 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV009258.D

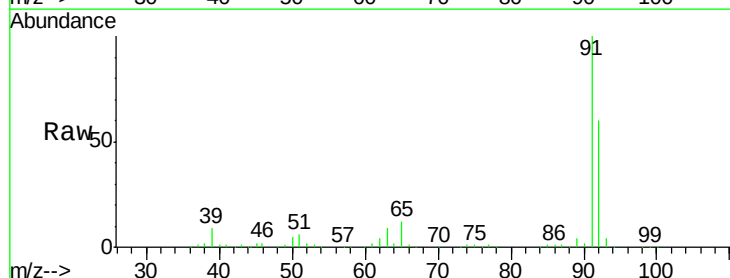
Acq: 24 Jan 2019 14:16

Tgt Ion: 92 Resp: 250953

Ion Ratio Lower Upper

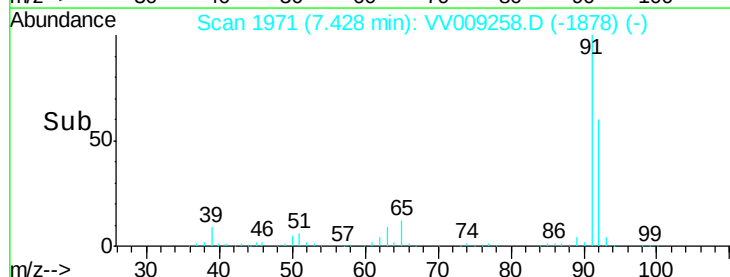
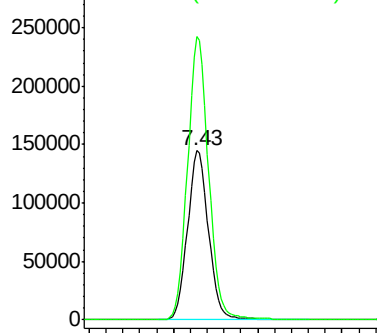
92 100

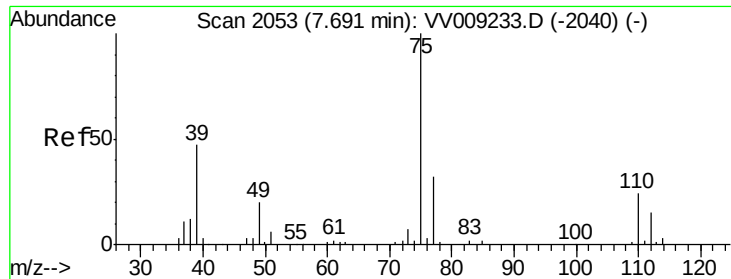
91 168.1 137.2 205.8



Abundance Ion 92.00 (91.70 to 92.70): VV0

Ion 91.00 (90.70 to 91.70): VV0

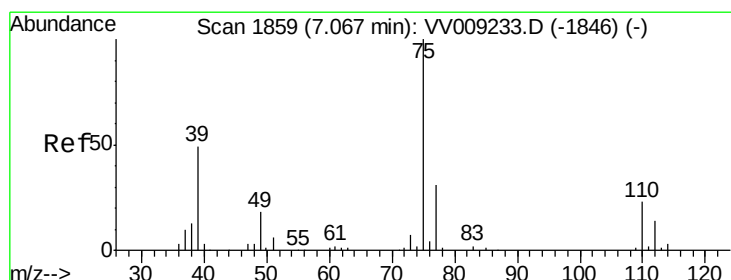
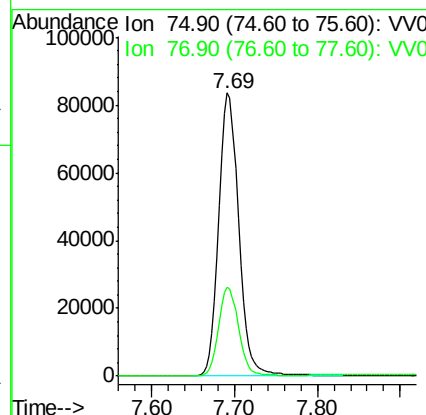
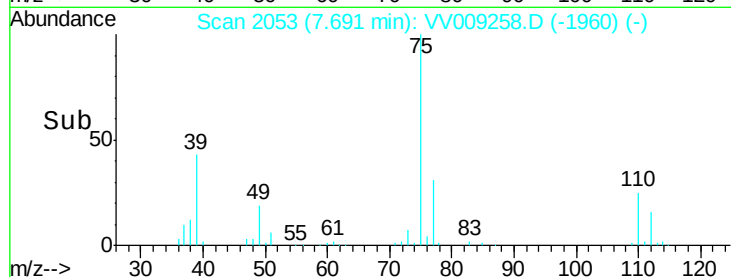
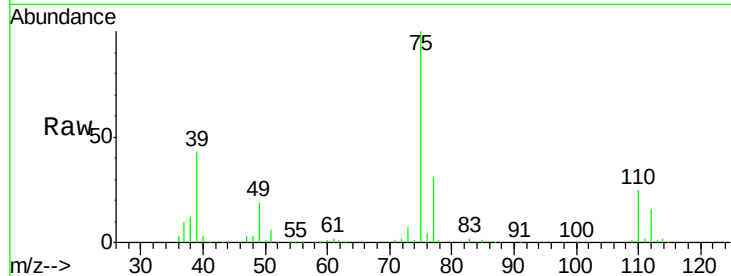




#53  
 t-1,3-Dichloropropene  
 Concen: 108.652 ug/l  
 RT: 7.69 min Scan# 2053  
 Delta R.T. 0.00 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

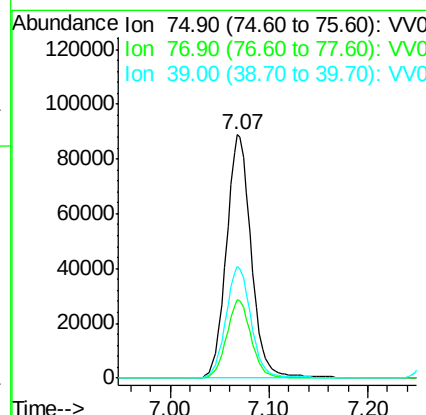
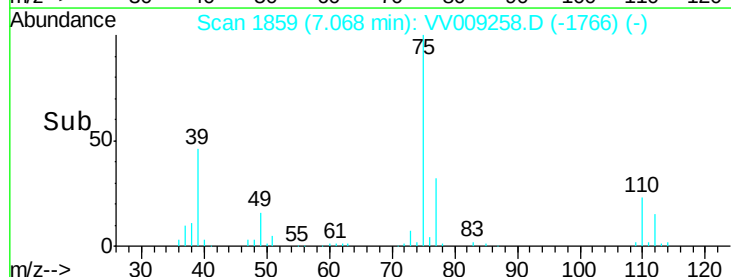
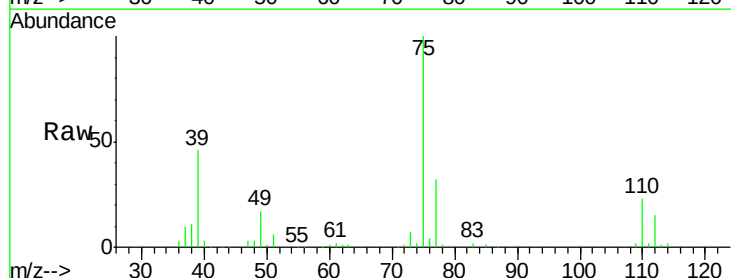
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDIC100

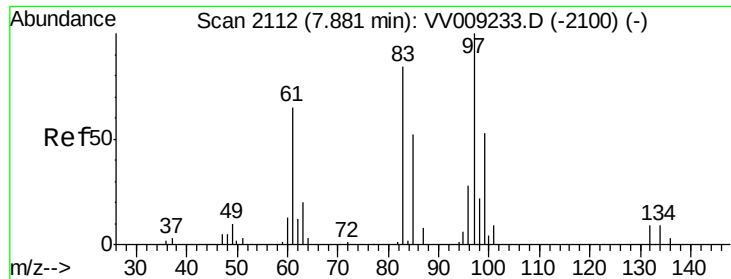
Tot Ion: 75 Resp: 141449  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.8 38.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 104.707 ug/l  
 RT: 7.07 min Scan# 1859  
 Delta R.T. 0.00 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

Tgt Ion: 75 Resp: 156962  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 25.1 37.7  
 39 45.8 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 109.867 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

VSTDIC100

Tot Ion: 97 Resp: 78356

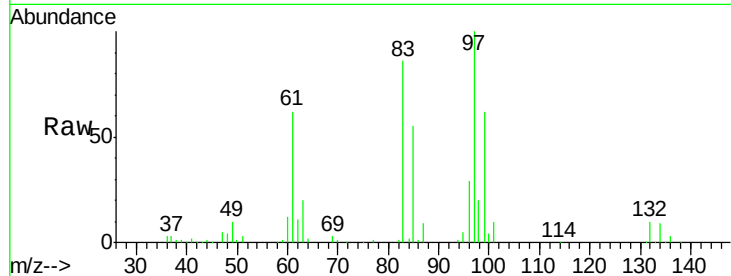
Ion Ratio Lower Upper

97 100

83 85.9 67.4 101.0

85 54.7 42.6 64.0

99 61.6 51.1 76.7

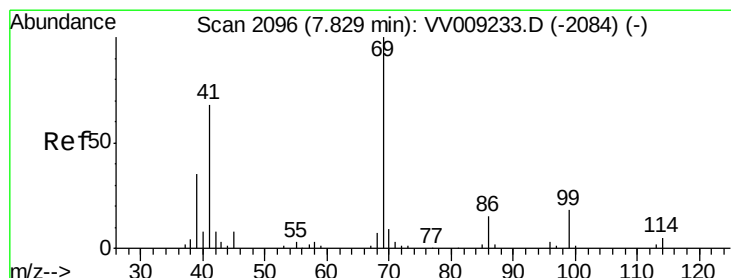
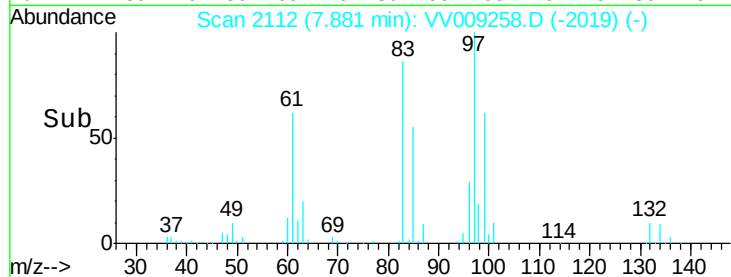
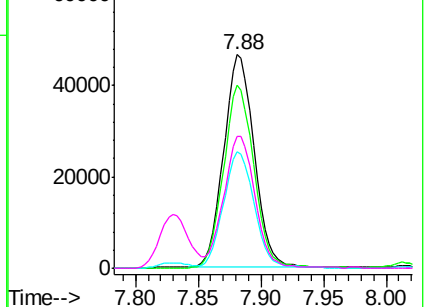


Abundance Ion 96.90 (96.60 to 97.60): VV0

Ion 82.90 (82.60 to 83.60): VV0

Ion 84.90 (84.60 to 85.60): VV0

Ion 98.90 (98.60 to 99.60): VV0



#56

Ethyl methacrylate

Concen: 128.493 ug/l

RT: 7.83 min Scan# 2096

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

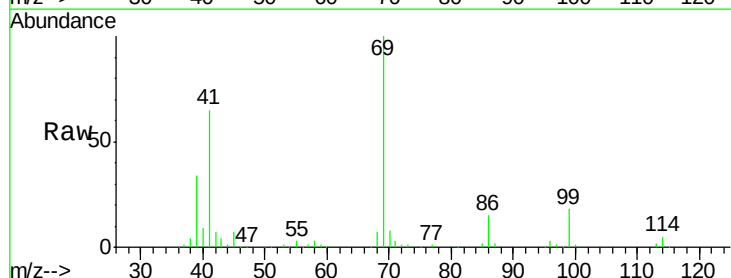
Tgt Ion: 69 Resp: 106767

Ion Ratio Lower Upper

69 100

41 66.1 54.0 81.0

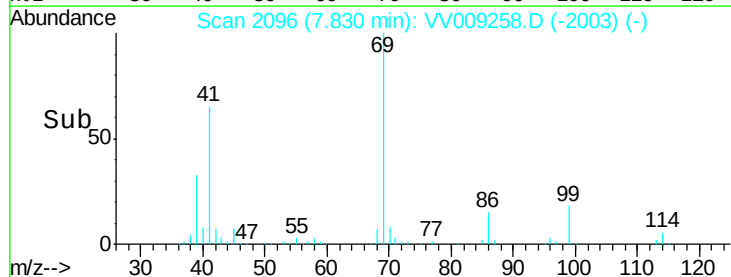
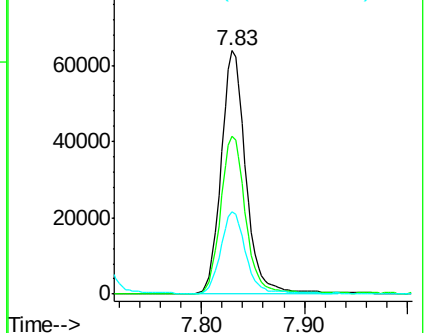
39 33.5 26.8 40.2



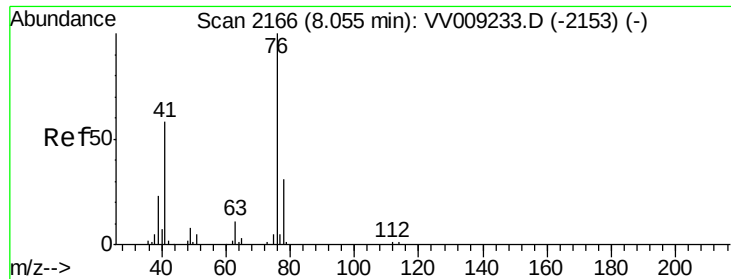
Abundance Ion 69.00 (68.70 to 69.70): VV0

Ion 41.00 (40.70 to 41.70): VV0

Ion 39.00 (38.70 to 39.70): VV0



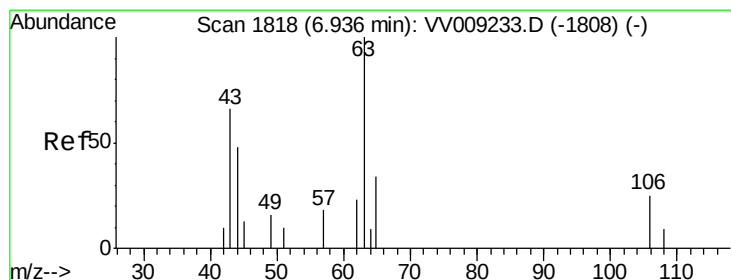
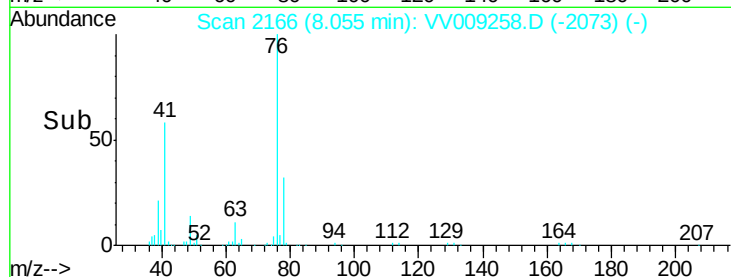
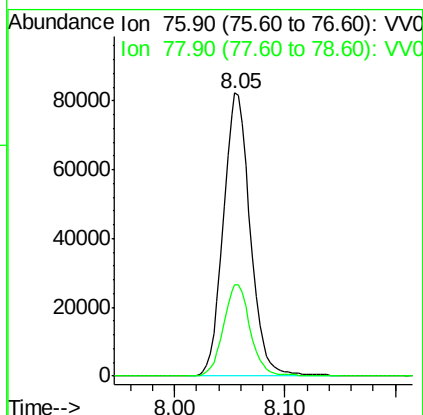
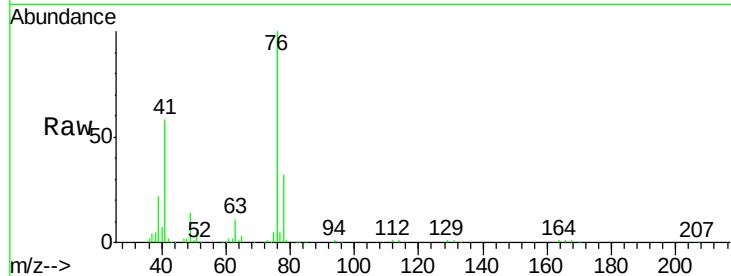




#57  
 1,3-Dichloropropane  
 Concen: 107.901 ug/l  
 RT: 8.05 min Scan# 2166  
 Delta R.T. 0.00 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

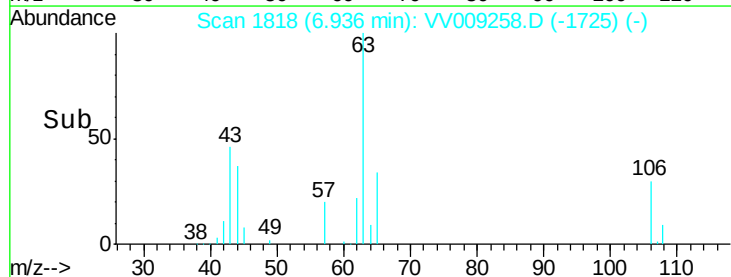
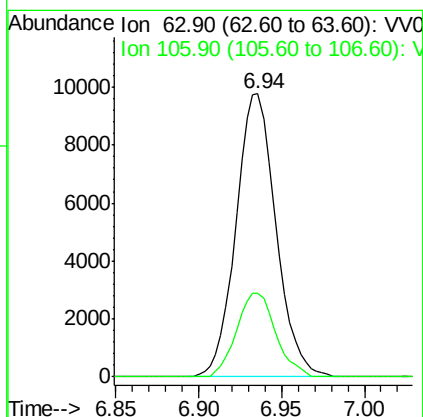
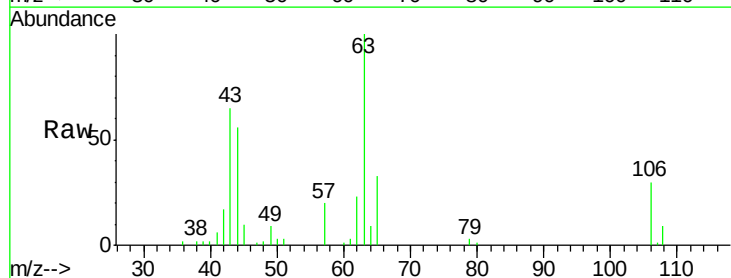
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDIC100

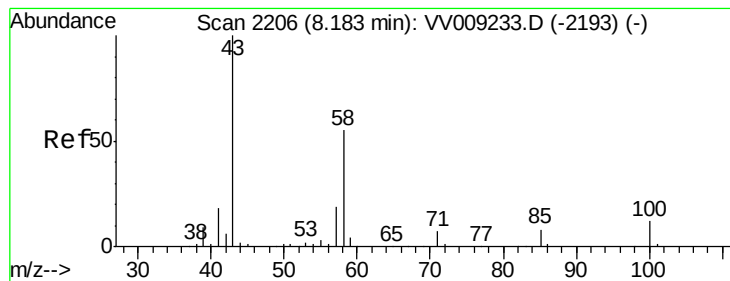
Tot Ion: 76 Resp: 139329  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 25.5 38.3



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 1261.694 ug/l  
 RT: 6.94 min Scan# 1818  
 Delta R.T. 0.00 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

Tgt Ion: 63 Resp: 16383  
 Ion Ratio Lower Upper  
 63 100  
 106 29.0 19.0 28.6#





#59

2-Hexanone

Concen: 670.607 ug/l

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

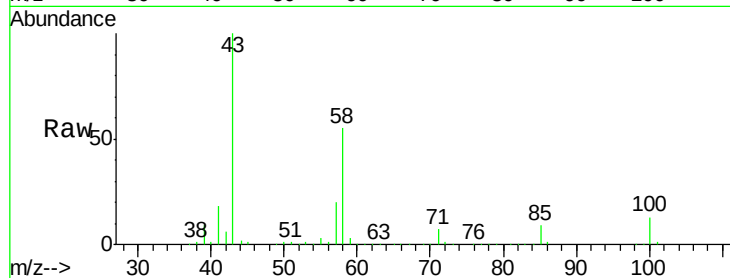
VSTDIC100

Tot Ion: 43 Resp: 272853

Ion Ratio Lower Upper

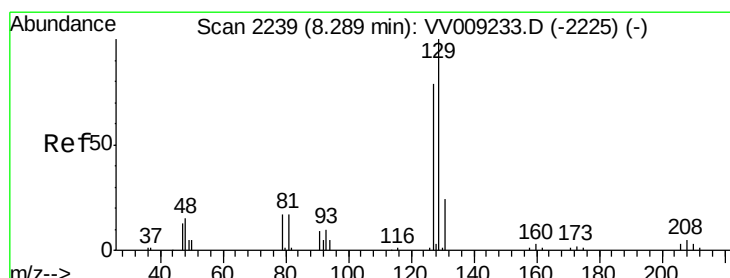
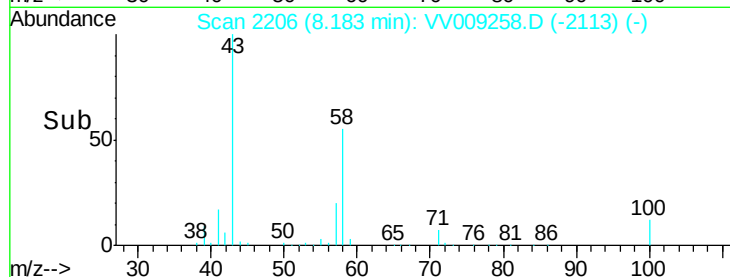
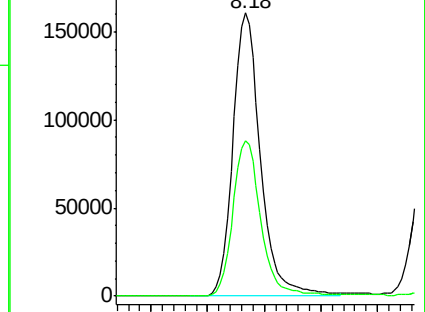
43 100

58 56.1 27.5 82.5



Abundance Ion 43.00 (42.70 to 43.70): VV009258.D (-2113) (-)

Ion 58.00 (57.70 to 58.70): VV009258.D (-2113) (-)



#60

Dibromochloromethane

Concen: 112.458 ug/l

RT: 8.29 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VV009258.D

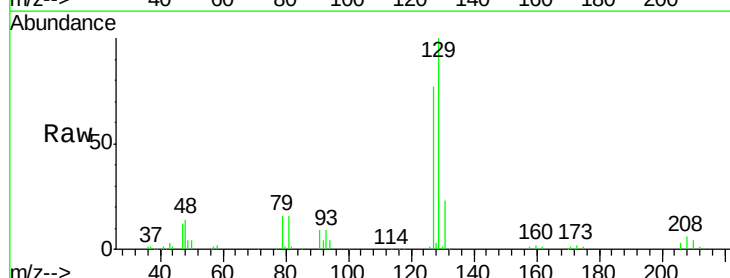
Acq: 24 Jan 2019 14:16

Tgt Ion: 129 Resp: 93908

Ion Ratio Lower Upper

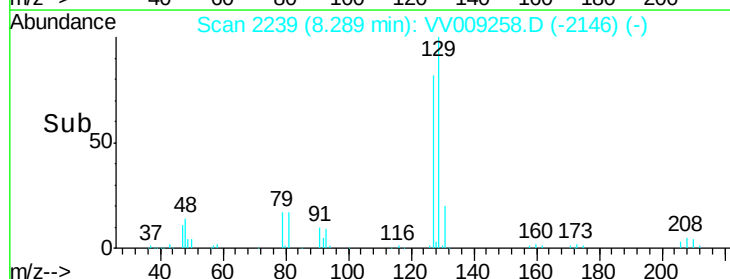
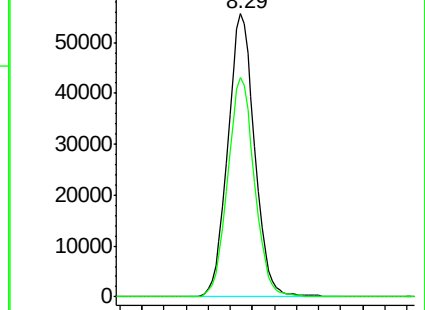
129 100

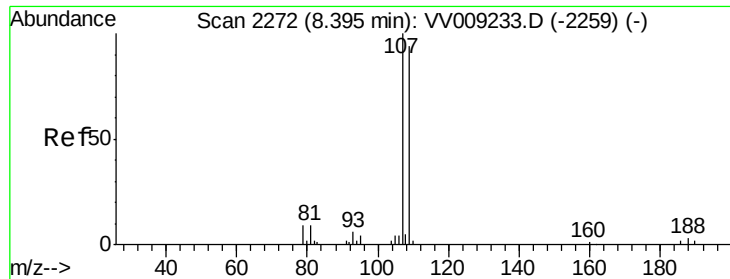
127 77.2 38.8 116.4



Abundance Ion 128.80 (128.50 to 129.50): VV009258.D (-2146) (-)

Ion 126.80 (126.50 to 127.50): VV009258.D (-2146) (-)





#61

1,2-Dibromoethane

Concen: 117.631 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

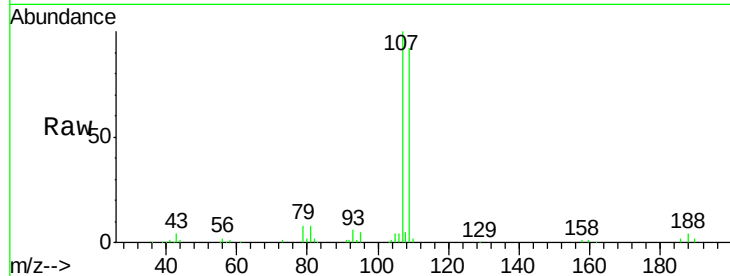
VSTDIC100

Tot Ion:107 Resp: 82041

Ion Ratio Lower Upper

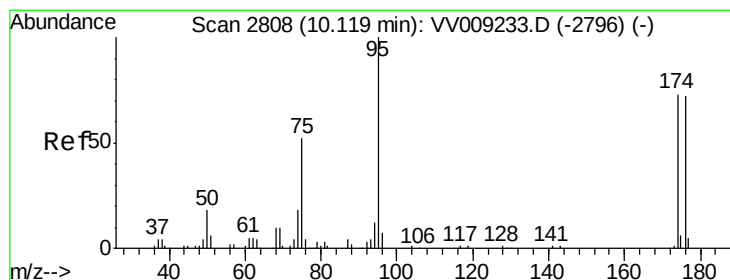
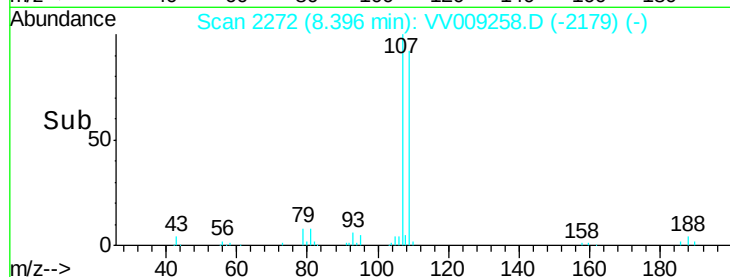
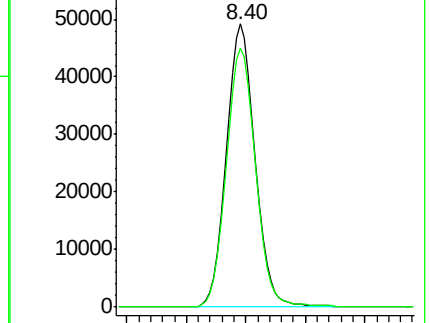
107 100

109 93.7 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 102.346 ug/l

RT: 10.12 min Scan# 2809

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

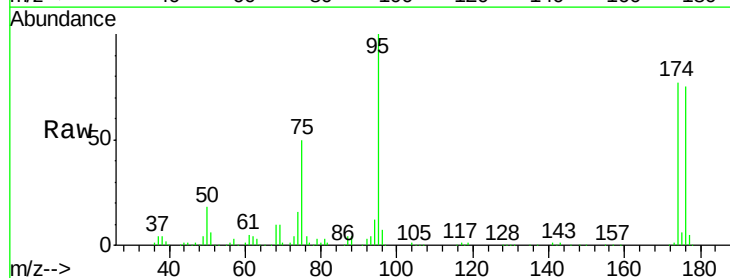
Tgt Ion: 95 Resp: 128992

Ion Ratio Lower Upper

95 100

174 77.0 0.0 148.2

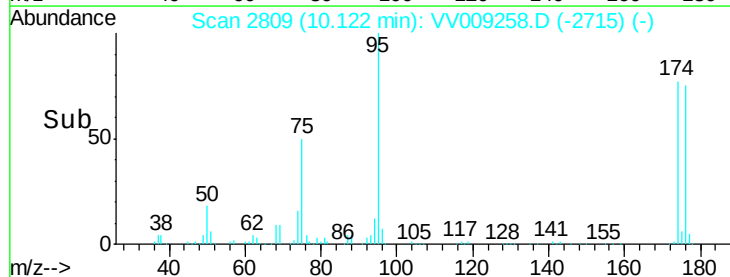
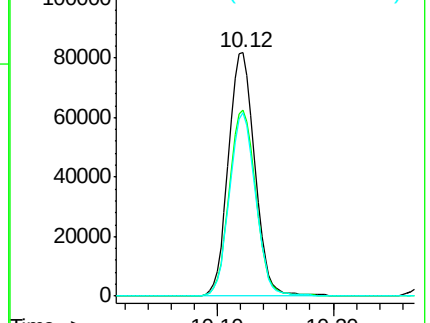
176 74.3 0.0 143.0

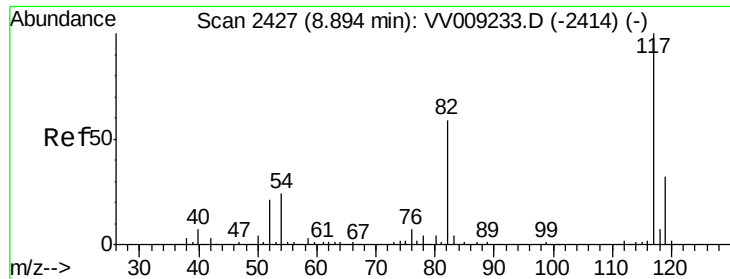


Abundance Ion 94.90 (94.60 to 95.60): VV0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

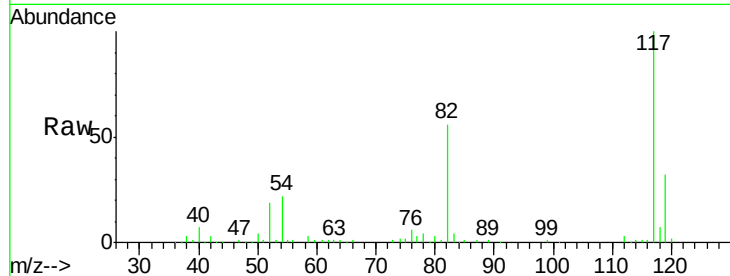




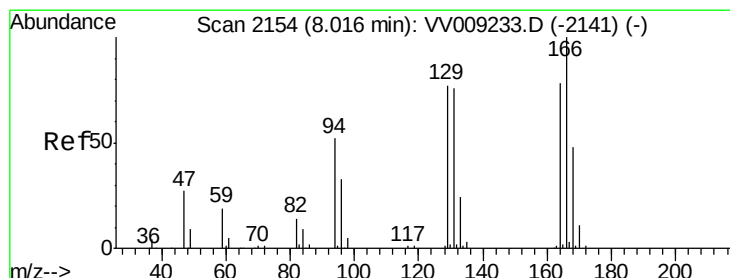
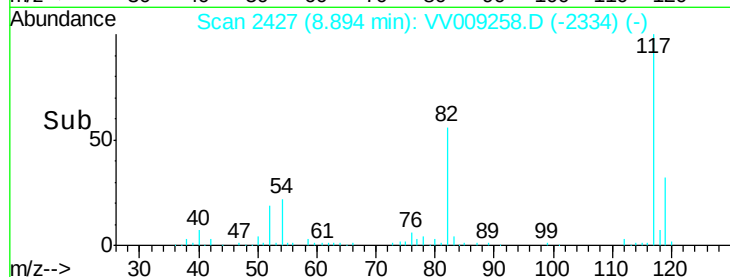
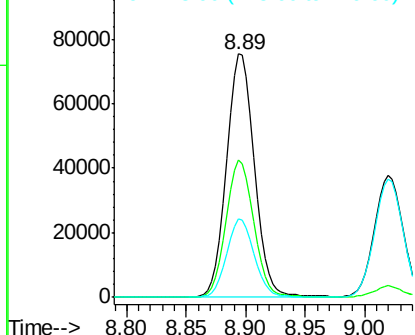
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 8.89 min Scan# 2427  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

Tot Ion:117 Resp: 123263  
Ion Ratio Lower Upper  
117 100  
82 56.3 47.0 70.6  
119 32.1 25.4 38.2

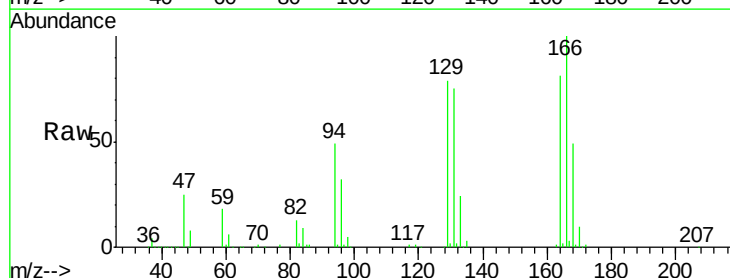


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VV0  
Ion 118.90 (118.60 to 119.60): V

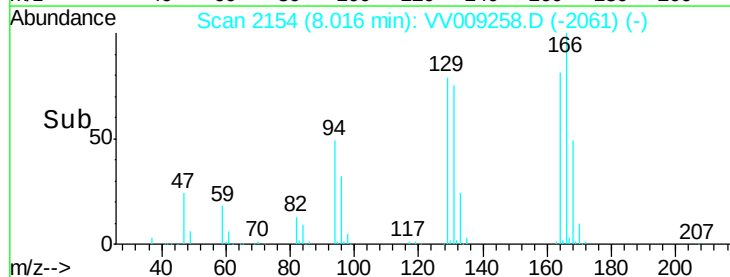
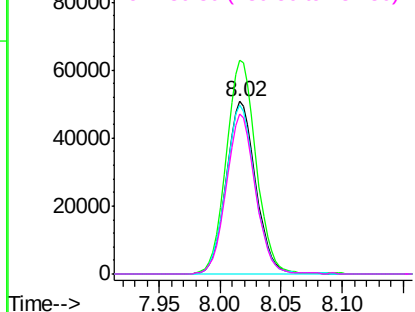


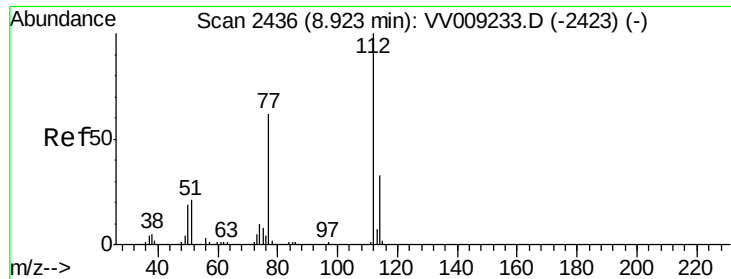
#64  
Tetrachloroethene  
Concen: 97.919 ug/l  
RT: 8.02 min Scan# 2154  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

Tgt Ion:164 Resp: 85891  
Ion Ratio Lower Upper  
164 100  
166 123.8 102.1 153.1  
129 97.7 78.1 117.1  
131 92.6 78.0 117.0



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: 95.755 ug/l

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

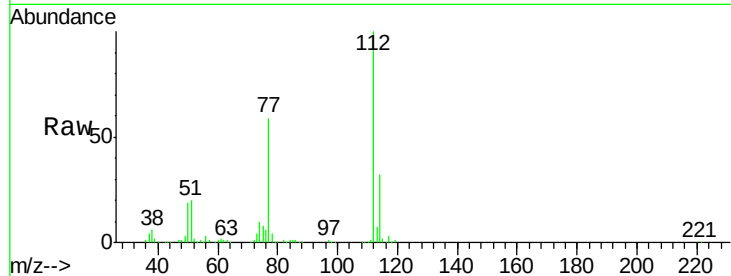
VSTDIC100

Tot Ion:112 Resp: 274592

Ion Ratio Lower Upper

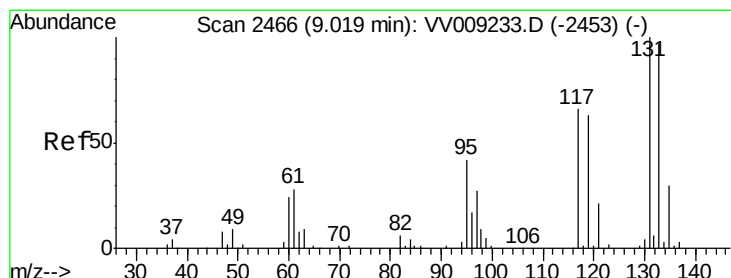
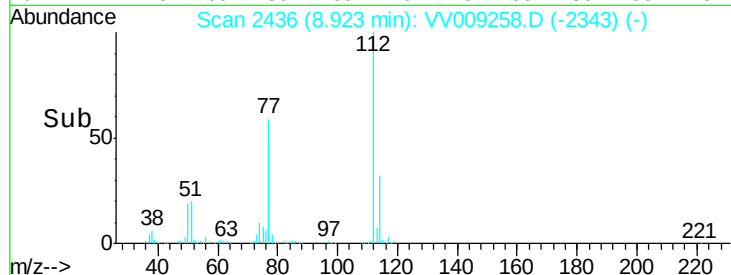
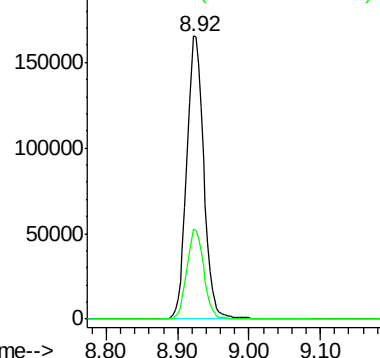
112 100

114 31.7 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 97.843 ug/l

RT: 9.02 min Scan# 2466

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

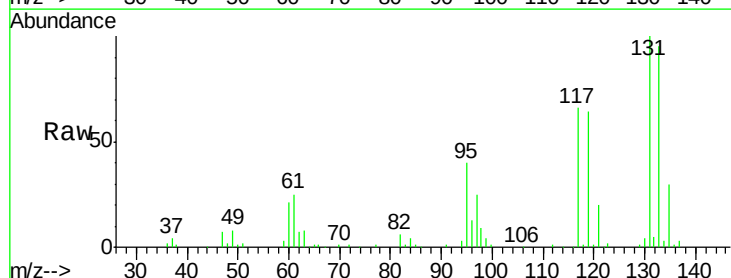
Tgt Ion:131 Resp: 95893

Ion Ratio Lower Upper

131 100

133 94.4 48.3 144.9

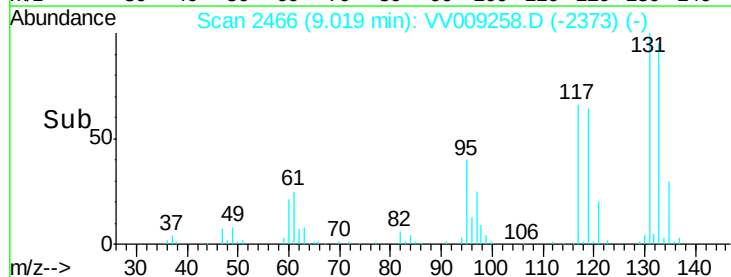
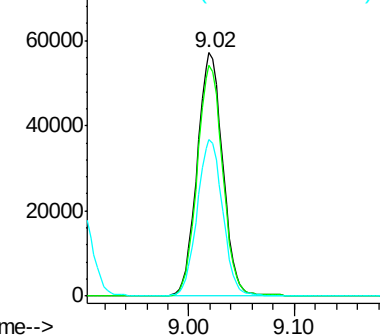
119 64.2 31.2 93.6

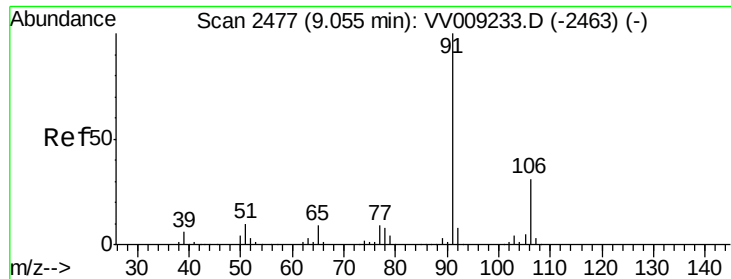


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

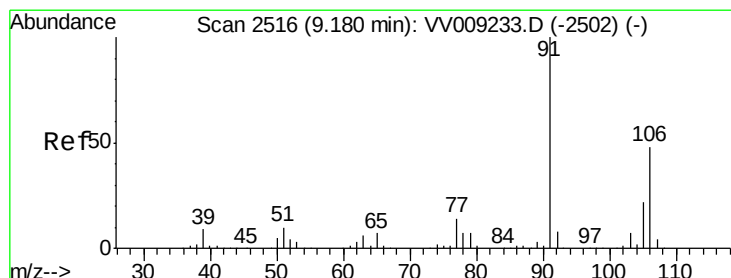
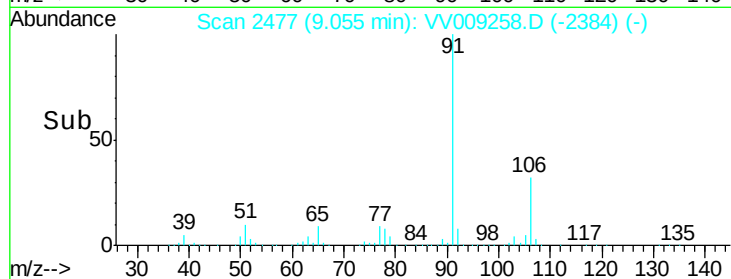
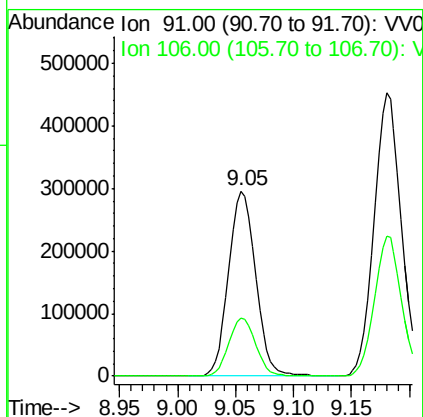
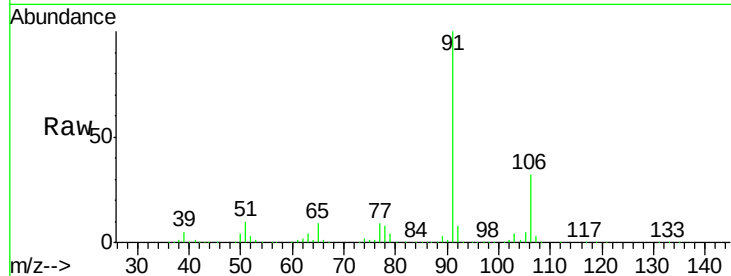




#67  
Ethyl Benzene  
Concen: 93.682 ug/l  
RT: 9.05 min Scan# 2477  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

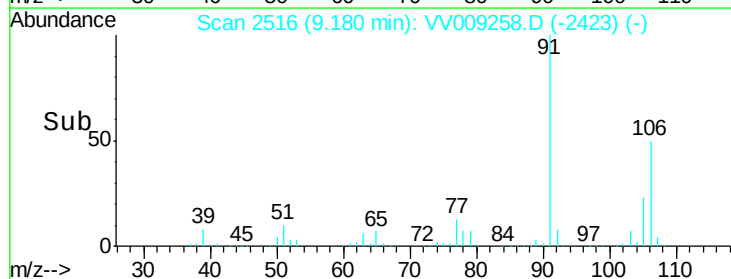
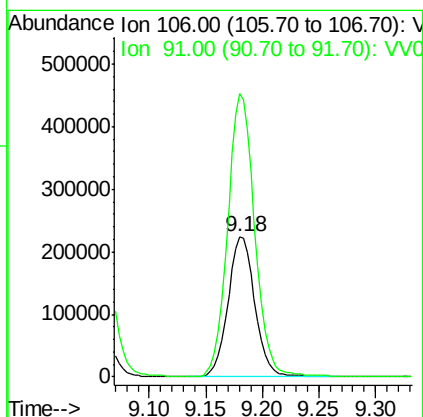
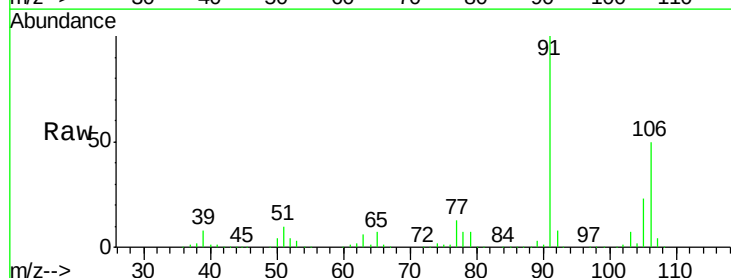
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

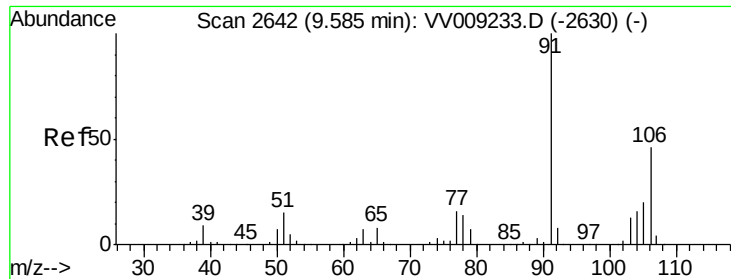
Tot Ion: 91 Resp: 478599  
Ion Ratio Lower Upper  
91 100  
106 31.6 24.6 37.0



#68  
m/p-Xylenes  
Concen: 190.542 ug/l  
RT: 9.18 min Scan# 2516  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

Tgt Ion: 106 Resp: 369554  
Ion Ratio Lower Upper  
106 100  
91 203.5 167.1 250.7

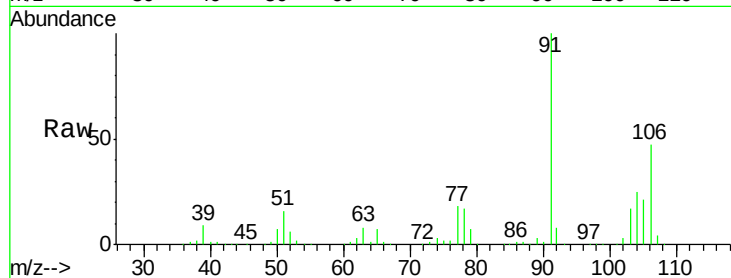




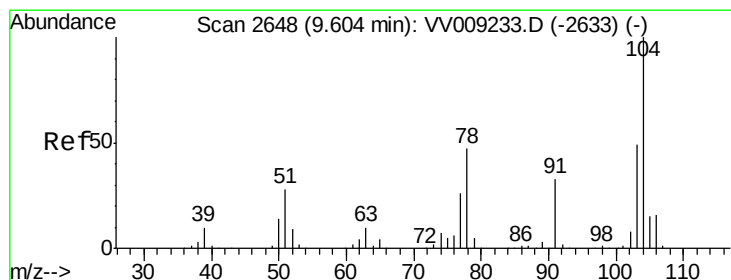
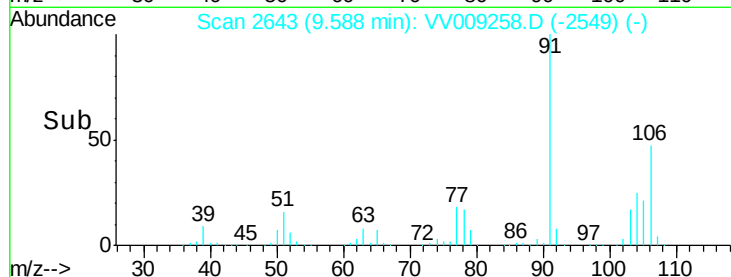
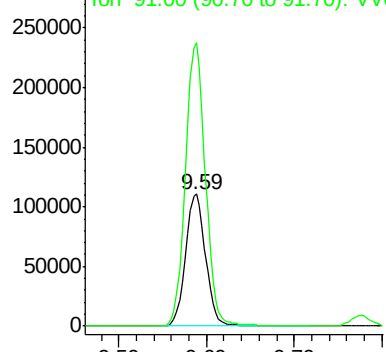
#69  
o-Xylene  
Concen: 97.918 ug/l  
RT: 9.59 min Scan# 2643  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

Tot Ion:106 Resp: 176069  
Ion Ratio Lower Upper  
106 100  
91 213.5 109.3 327.8

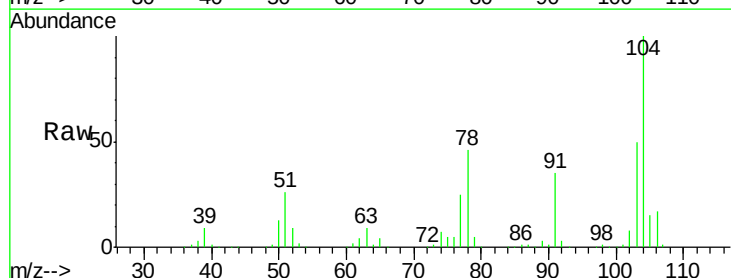


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VV0

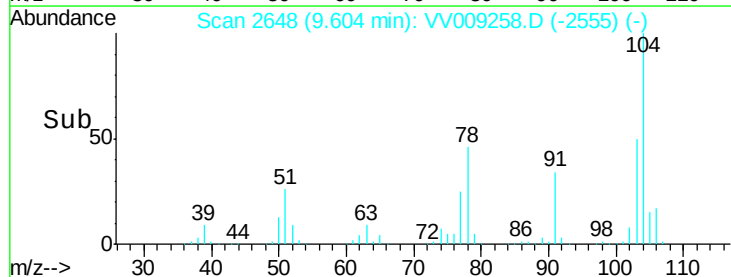
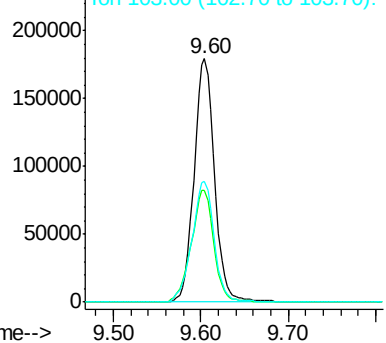


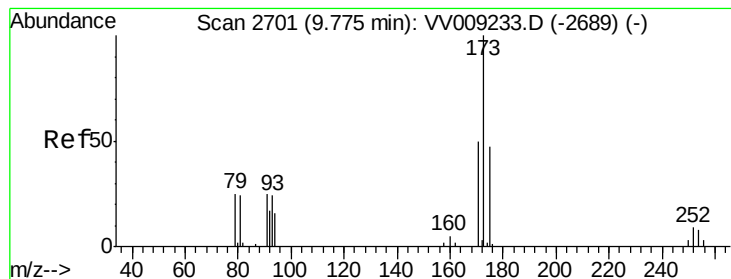
#70  
Styrene  
Concen: 101.698 ug/l  
RT: 9.60 min Scan# 2648  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

Tgt Ion:104 Resp: 291845  
Ion Ratio Lower Upper  
104 100  
78 50.8 43.1 64.7  
103 54.2 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VV0  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 124.016 ug/l

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

VSTDIC100

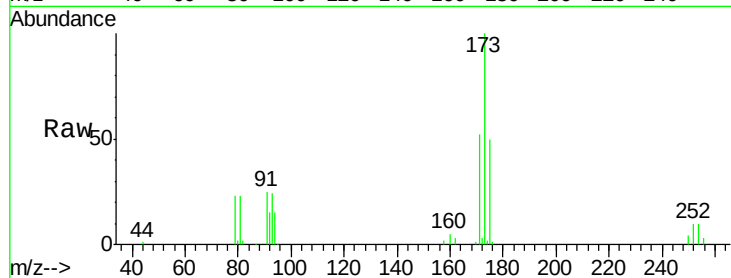
Tot Ion:173 Resp: 57315

Ion Ratio Lower Upper

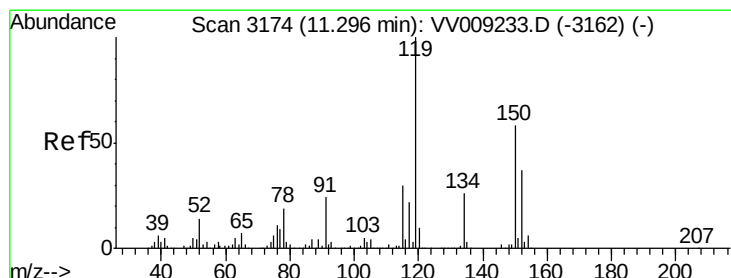
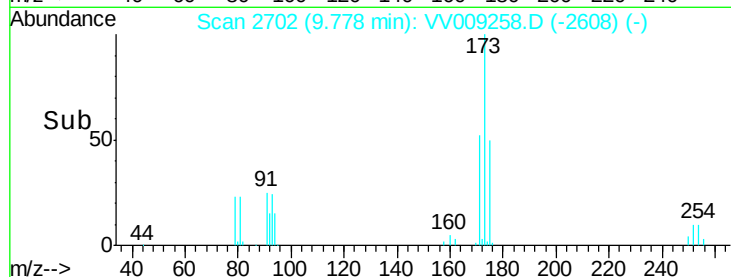
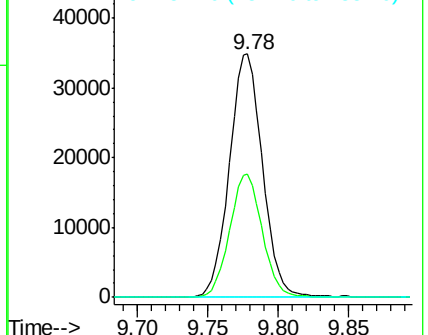
173 100

175 49.7 23.4 70.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

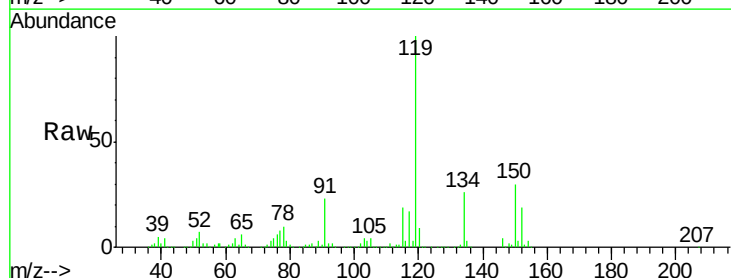
Tgt Ion:152 Resp: 65719

Ion Ratio Lower Upper

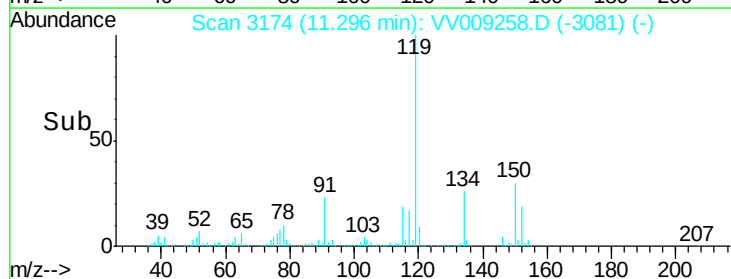
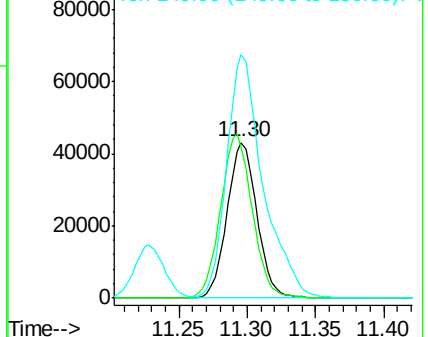
152 100

115 111.6 45.0 134.8

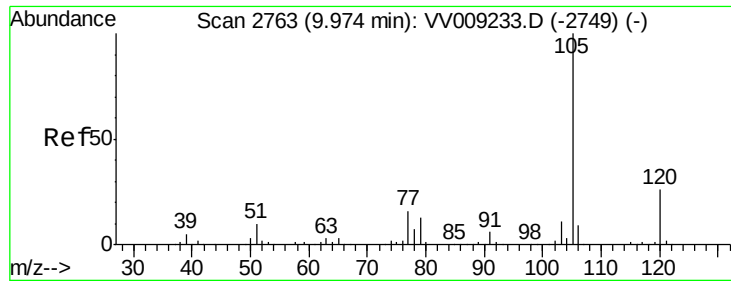
150 190.7 0.0 346.4



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







#73

Isopropylbenzene

Concen: 89.578 ug/l

RT: 9.98 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

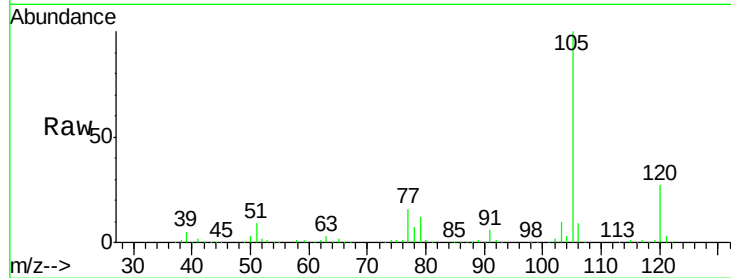
VSTDIC100

Tot Ion:105 Resp: 486131

Ion Ratio Lower Upper

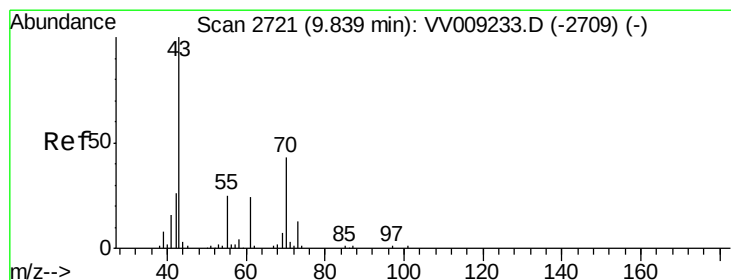
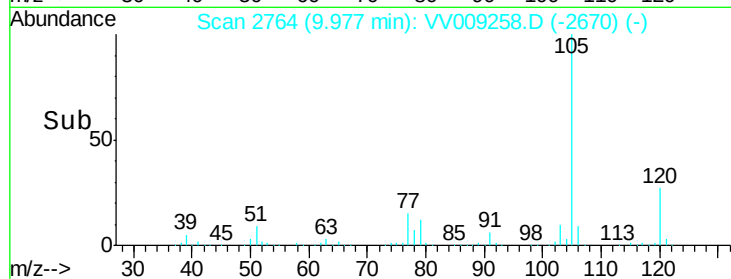
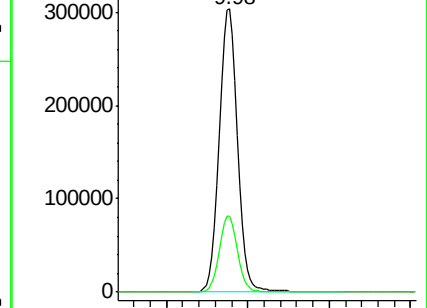
105 100

120 26.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 124.709 ug/l

RT: 9.84 min Scan# 2721

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Tgt Ion: 43 Resp: 125150

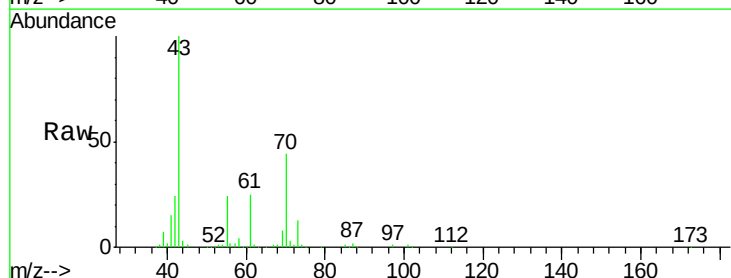
Ion Ratio Lower Upper

43 100

70 44.1 33.0 49.6

55 24.1 18.7 28.1

61 24.2 18.0 27.0

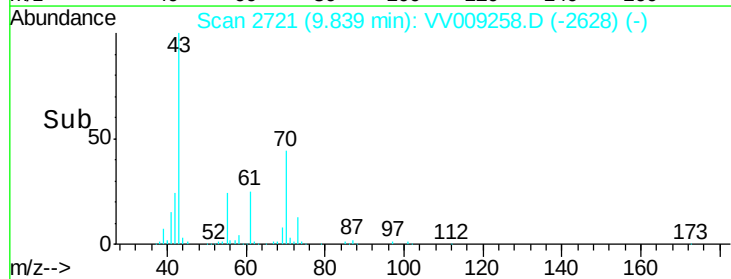
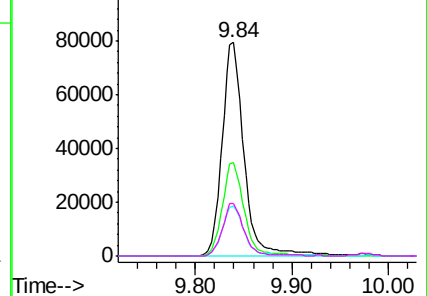


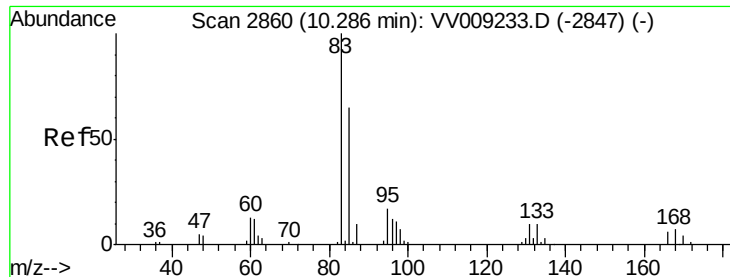
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 70.00 (69.70 to 70.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 61.00 (60.70 to 61.70): VV0





#75

1,1,2,2-Tetrachloroethane

Concen: 113.929 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

VSTDIC100

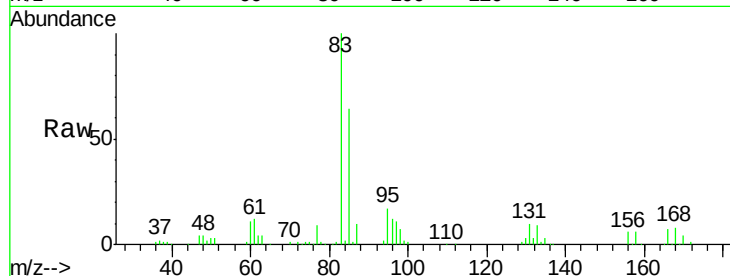
Tot Ion: 83 Resp: 104233

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

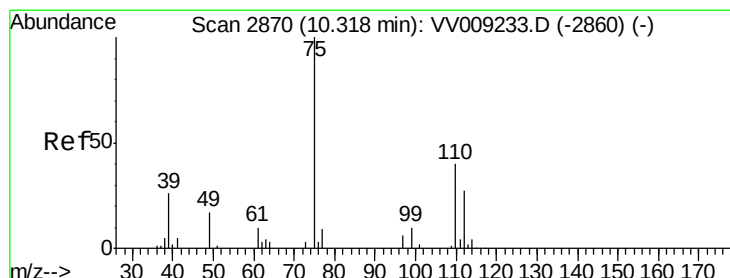
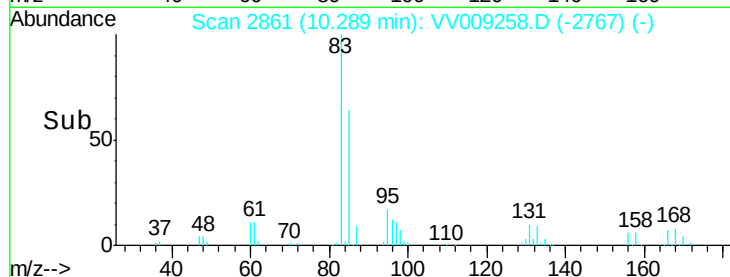
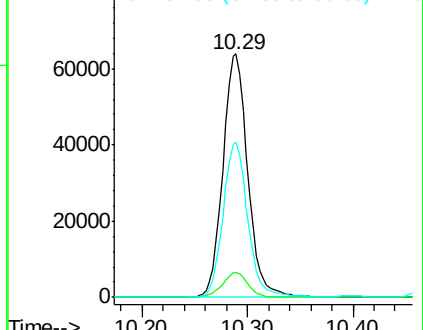
85 63.6 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VV009258.D (-2767) (-)

Ion 130.80 (130.50 to 131.50): VV009258.D (-2767) (-)

Ion 84.90 (84.60 to 85.60): VV009258.D (-2767) (-)



#76

1,2,3-Trichloropropane

Concen: 108.444 ug/l

RT: 10.32 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VV009258.D

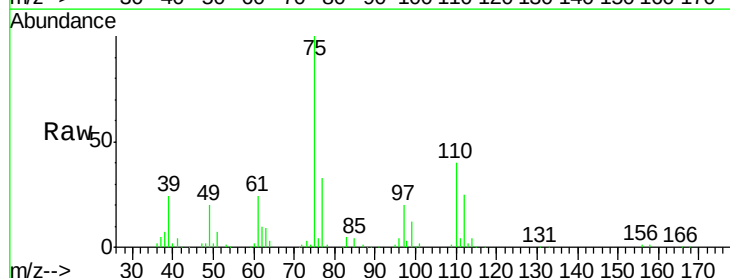
Acq: 24 Jan 2019 14:16

Tgt Ion: 75 Resp: 78027

Ion Ratio Lower Upper

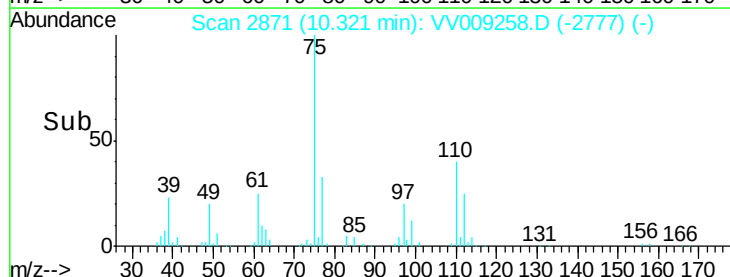
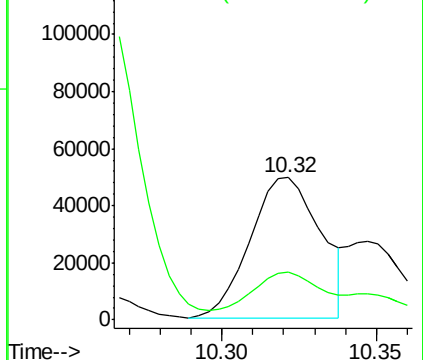
75 100

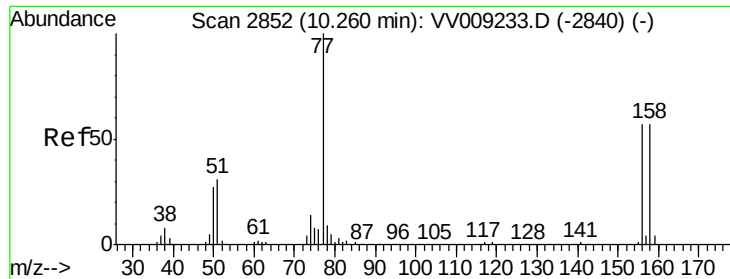
77 25.5 24.6 73.8



Abundance Ion 74.90 (74.60 to 75.60): VV009258.D (-2777) (-)

Ion 77.00 (76.70 to 77.70): VV009258.D (-2777) (-)





#77

Bromobenzene

Concen: 96.568 ug/l

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

VSTDIC100

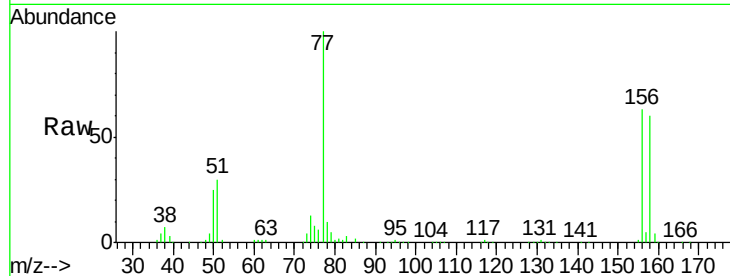
Tot Ion:156 Resp: 112093

Ion Ratio Lower Upper

156 100

77 161.1 86.0 258.0

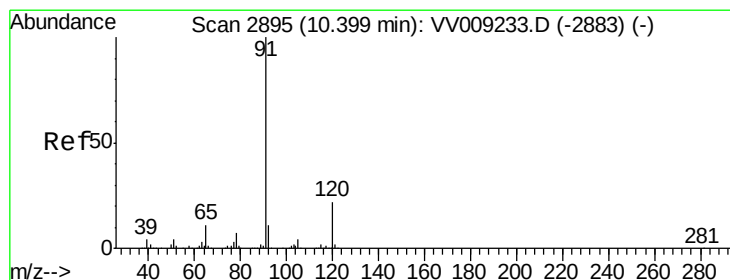
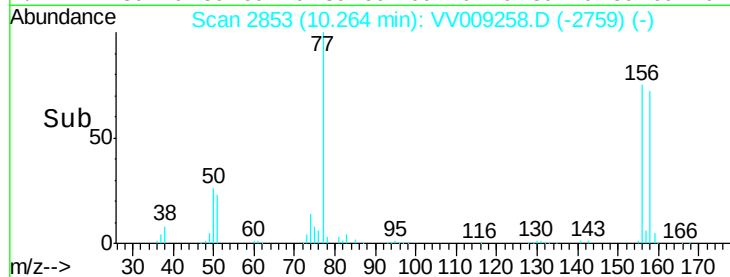
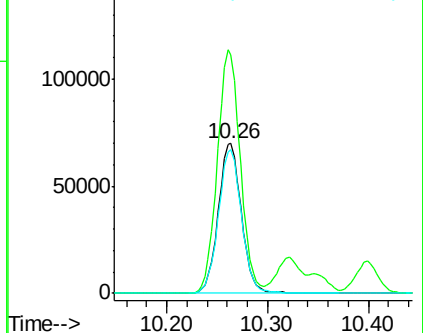
158 95.9 49.8 149.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 88.721 ug/l

RT: 10.40 min Scan# 2895

Delta R.T. 0.00 min

Lab File: VV009258.D

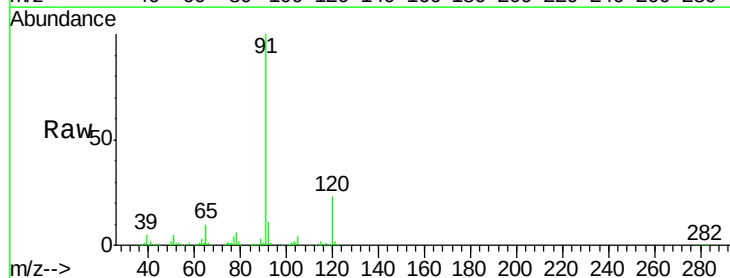
Acq: 24 Jan 2019 14:16

Tgt Ion: 91 Resp: 570789

Ion Ratio Lower Upper

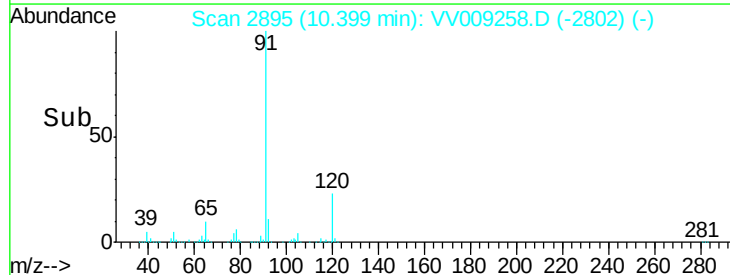
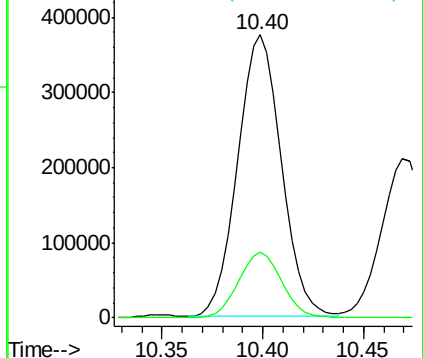
91 100

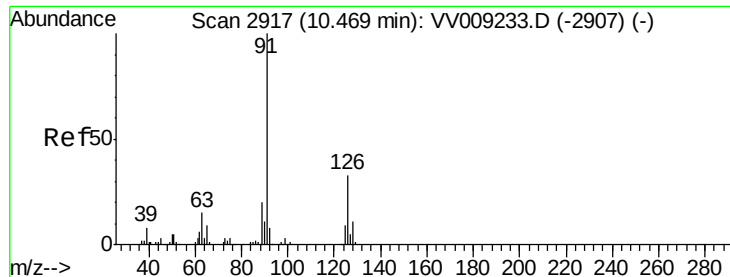
120 23.5 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 120.00 (119.70 to 120.70): V

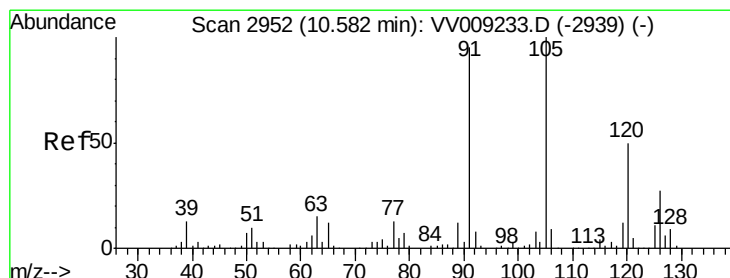
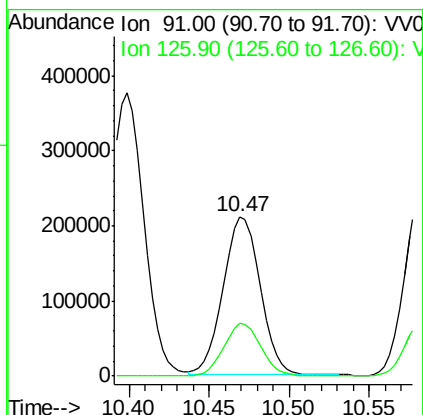
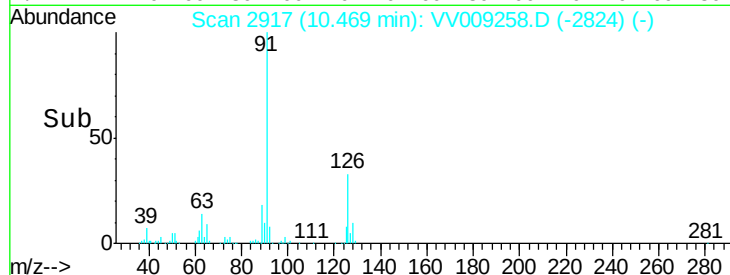
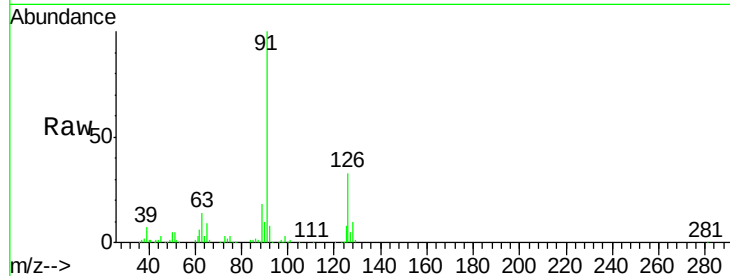




#79  
 2-Chlorotoluene  
 Concen: 85.829 ug/l  
 RT: 10.47 min Scan# 2917  
 Delta R.T. 0.00 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

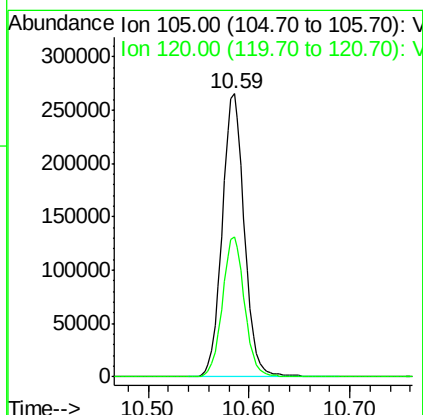
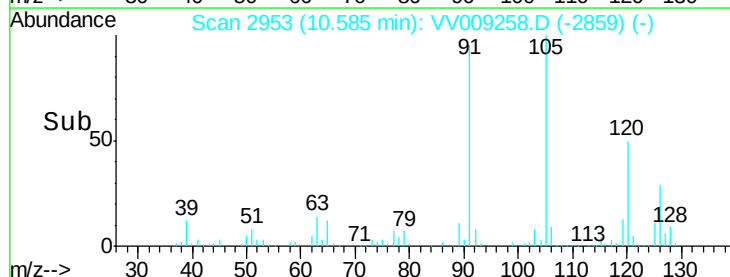
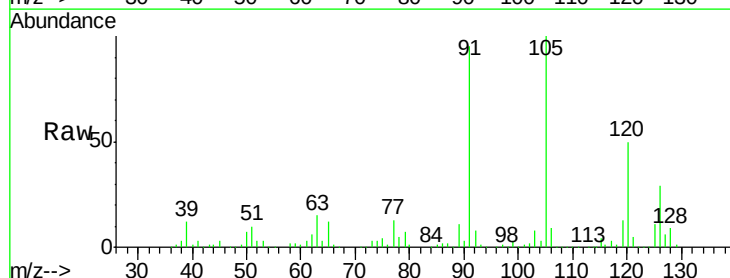
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDIC100

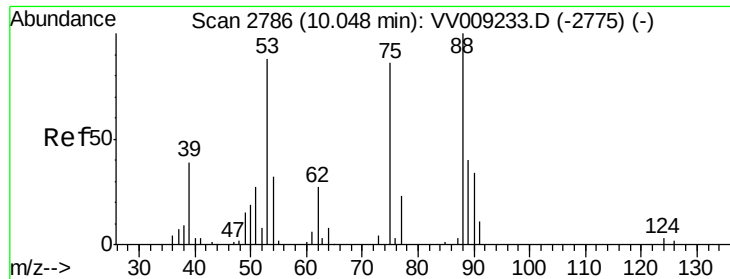
Tot Ion: 91 Resp: 333170  
 Ion Ratio Lower Upper  
 91 100  
 126 33.5 16.2 48.6



#80  
 1,3,5-Trimethylbenzene  
 Concen: 89.556 ug/l  
 RT: 10.59 min Scan# 2953  
 Delta R.T. 0.00 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

Tgt Ion: 105 Resp: 407592  
 Ion Ratio Lower Upper  
 105 100  
 120 49.2 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 128.168 ug/l

RT: 10.05 min Scan# 2786

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

VSTDIC100

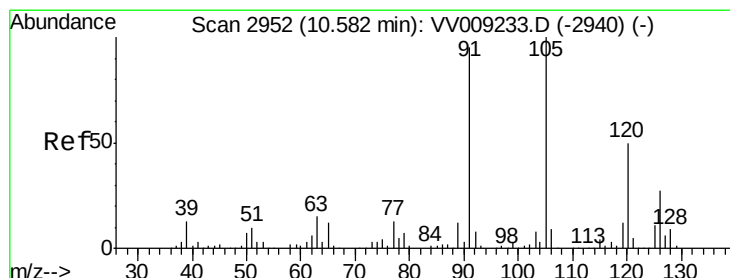
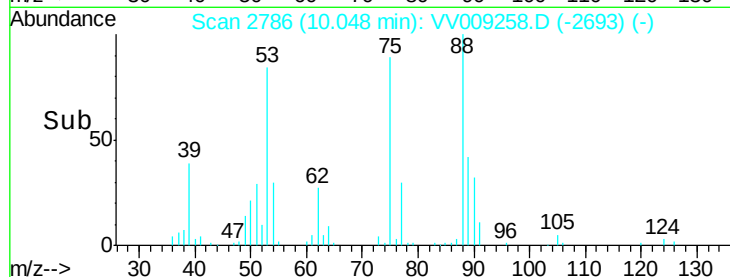
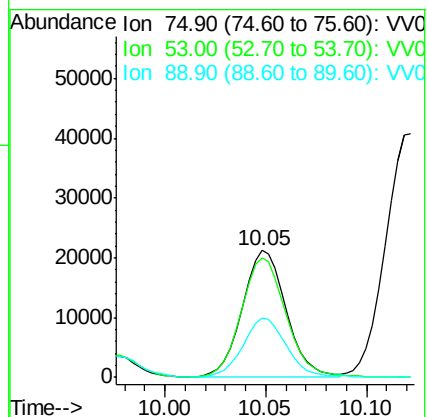
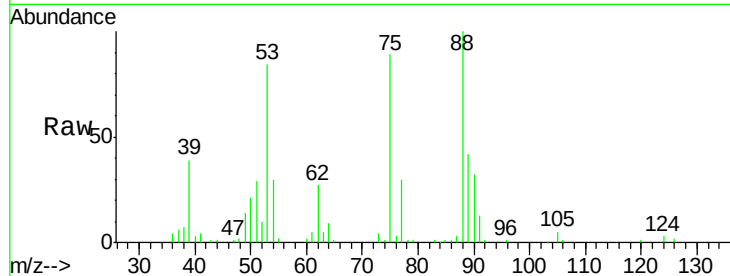
Tot Ion: 75 Resp: 32587

Ion Ratio Lower Upper

75 100

53 94.5 82.1 123.1

89 46.4 36.2 54.4



#82

4-Chlorotoluene

Concen: 87.138 ug/l

RT: 10.58 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VV009258.D

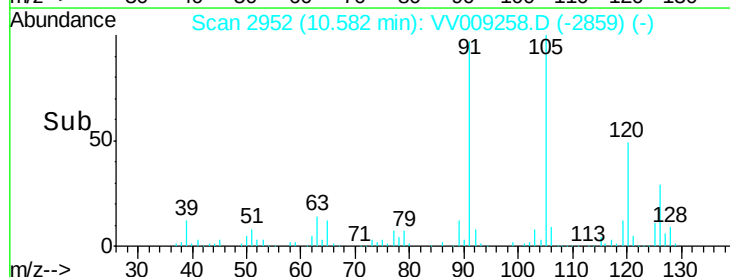
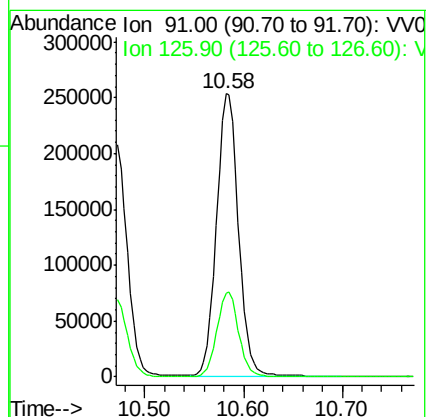
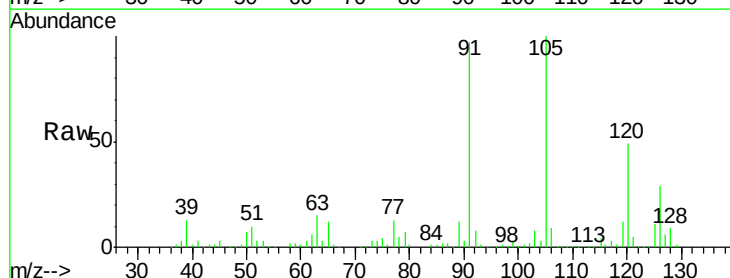
Acq: 24 Jan 2019 14:16

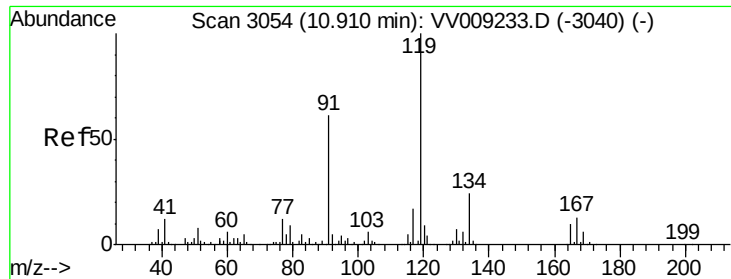
Tgt Ion: 91 Resp: 398406

Ion Ratio Lower Upper

91 100

126 29.8 14.3 42.9





#83

tert-Butylbenzene

Concen: 91.290 ug/l

RT: 10.91 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

VSTDIC100

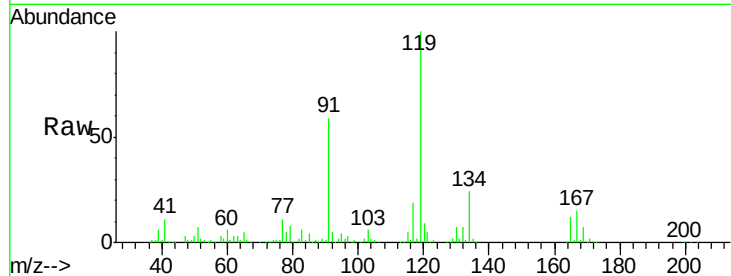
Tot Ion:119 Resp: 395629

Ion Ratio Lower Upper

119 100

91 58.1 30.0 90.1

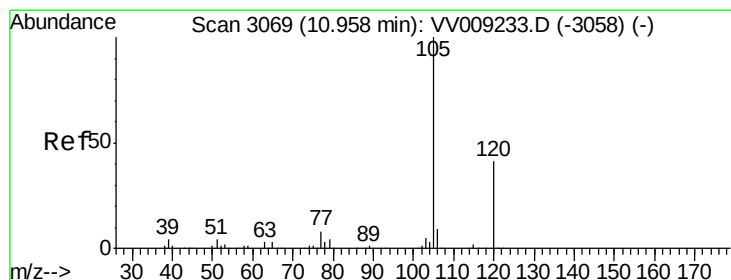
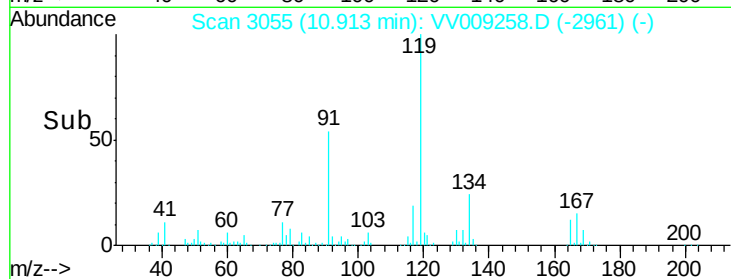
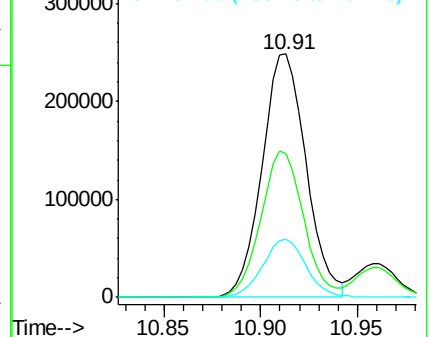
134 23.8 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VV0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 91.484 ug/l

RT: 10.96 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VV009258.D

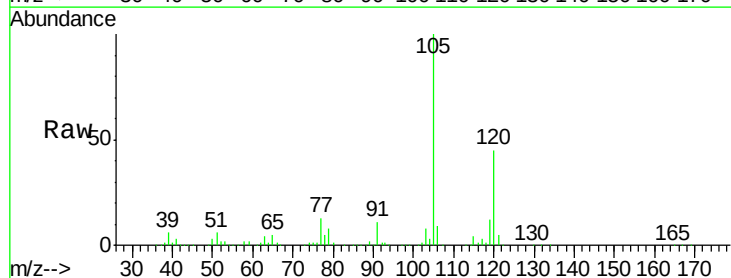
Acq: 24 Jan 2019 14:16

Tgt Ion:105 Resp: 420024

Ion Ratio Lower Upper

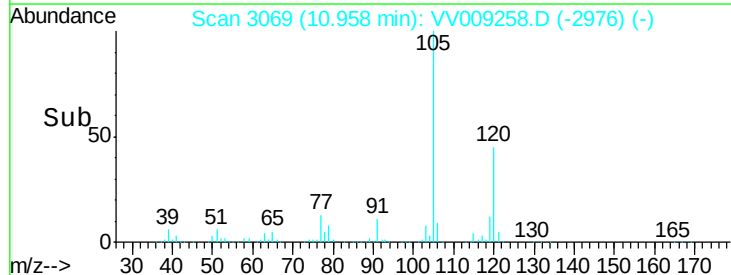
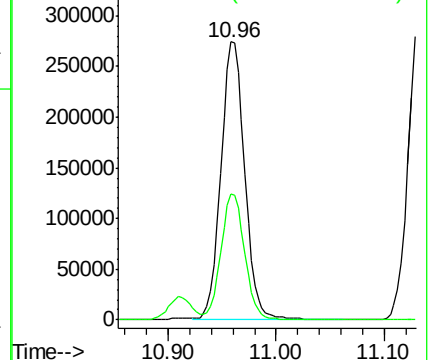
105 100

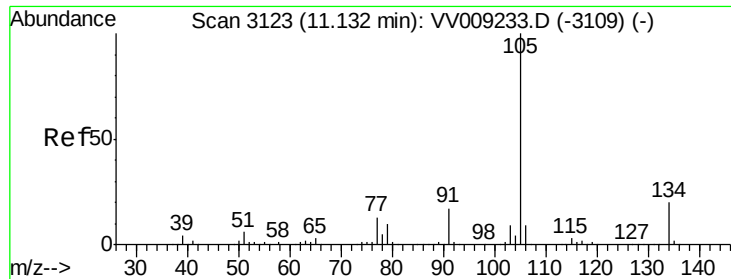
120 45.2 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 90.605 ug/l

RT: 11.13 min Scan# 3124

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

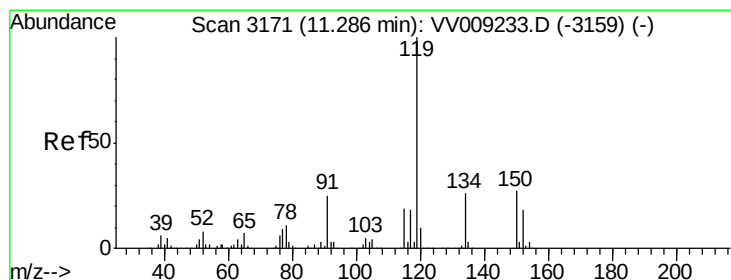
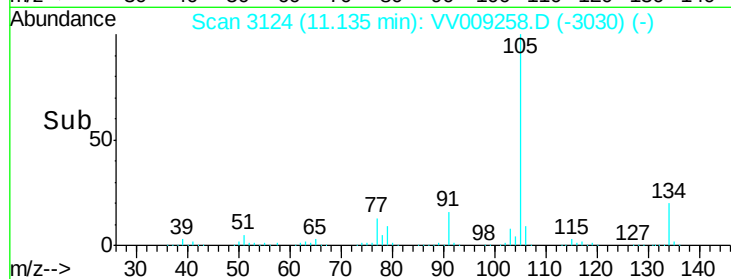
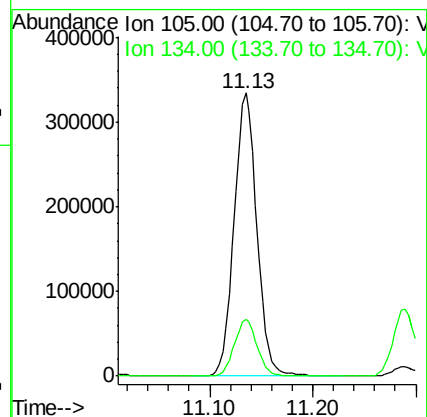
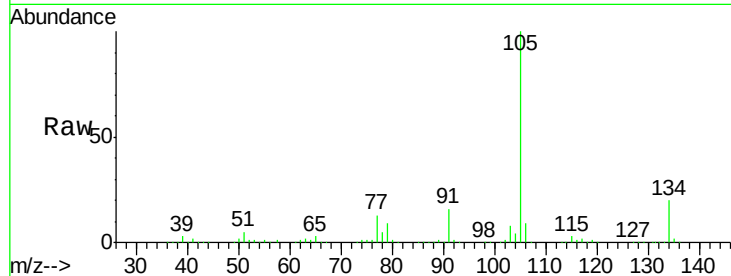
VSTDIC100

Tot Ion:105 Resp: 514290

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 91.924 ug/l

RT: 11.29 min Scan# 3172

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

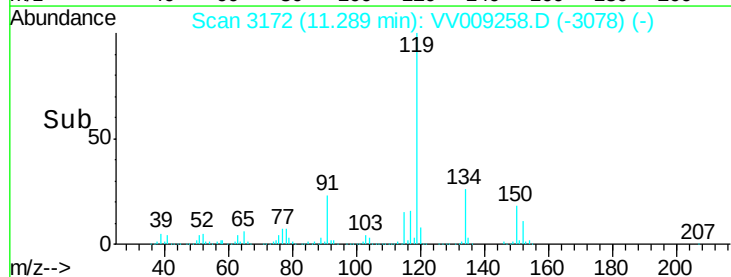
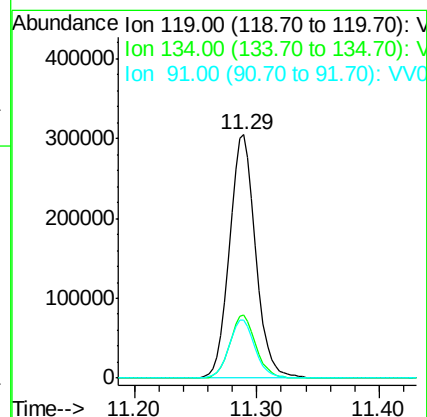
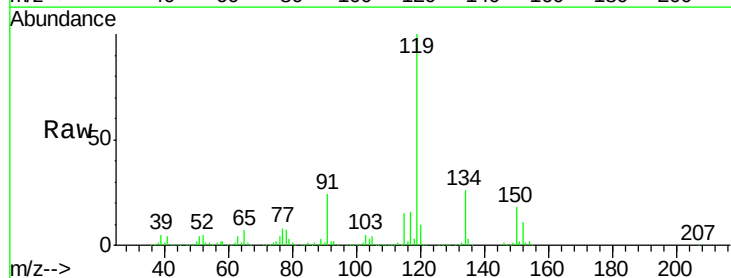
Tgt Ion:119 Resp: 456866

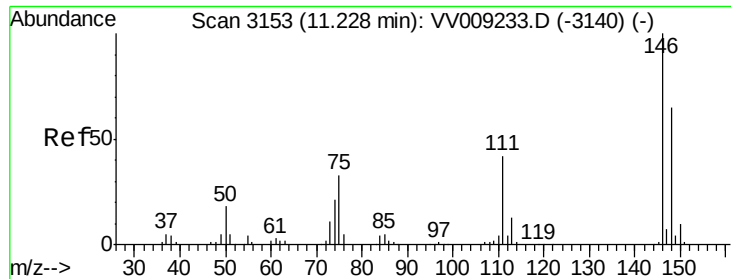
Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 24.0 12.4 37.2

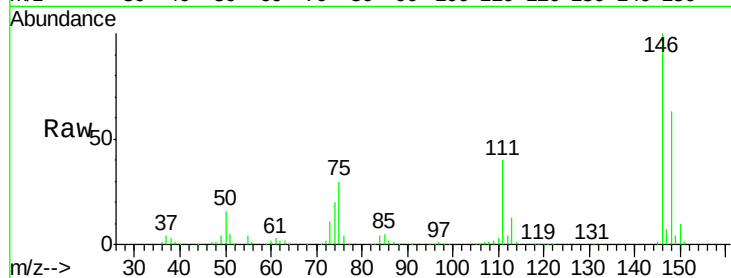




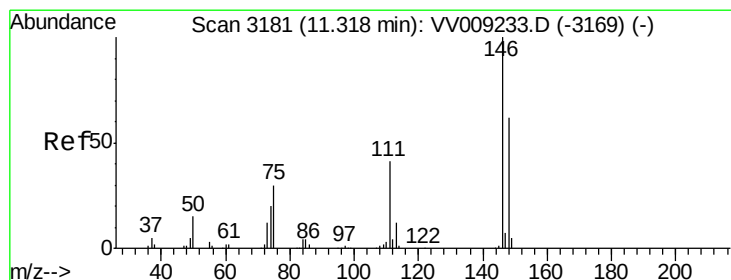
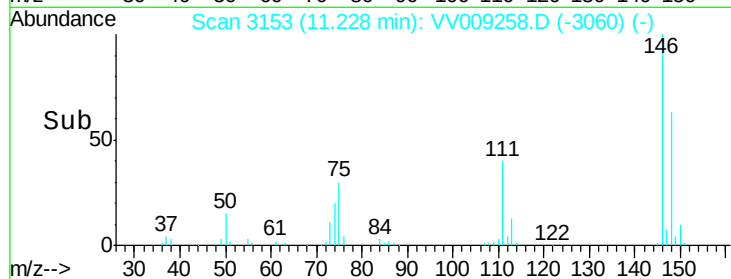
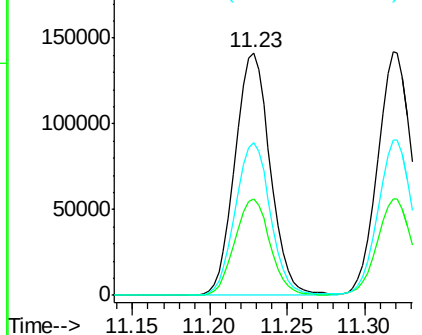
#87  
 1,3-Dichlorobenzene  
 Concen: 92.988 ug/l  
 RT: 11.23 min Scan# 3153  
 Delta R.T. 0.00 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDIC100

Tot Ion:146 Resp: 224118  
 Ion Ratio Lower Upper  
 146 100  
 111 39.9 21.1 63.4  
 148 63.0 32.1 96.3

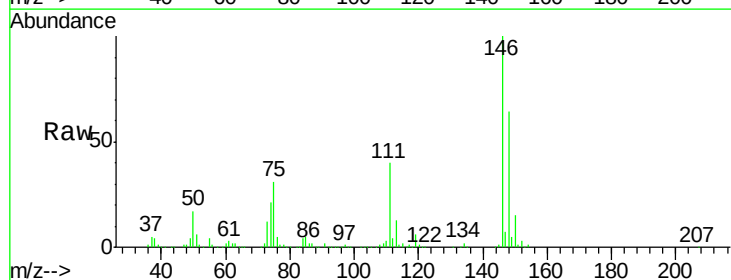


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

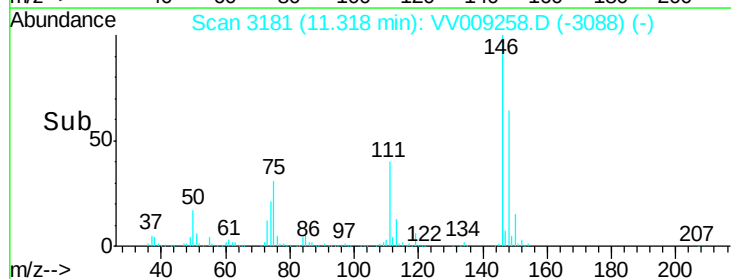
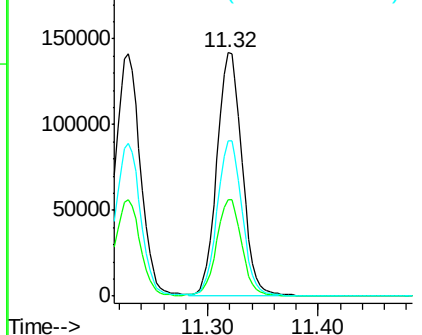


#88  
 1,4-Dichlorobenzene  
 Concen: 92.524 ug/l  
 RT: 11.32 min Scan# 3181  
 Delta R.T. 0.00 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

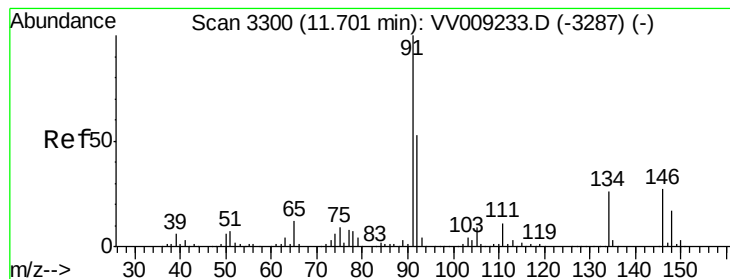
Tgt Ion:146 Resp: 225436  
 Ion Ratio Lower Upper  
 146 100  
 111 39.7 20.5 61.5  
 148 63.3 31.4 94.3



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







#89

n-Butylbenzene

Concen: 90.625 ug/l

RT: 11.70 min Scan# 3300

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

VSTDIC100

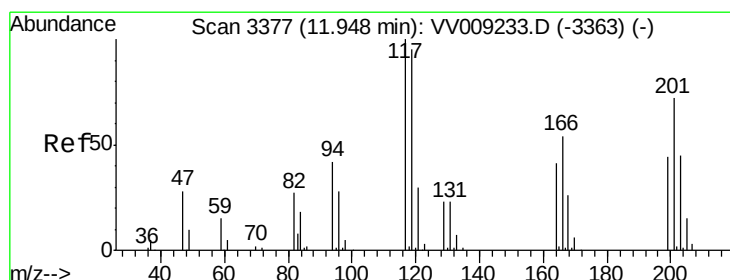
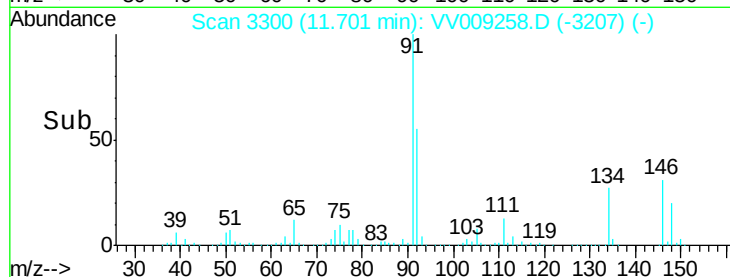
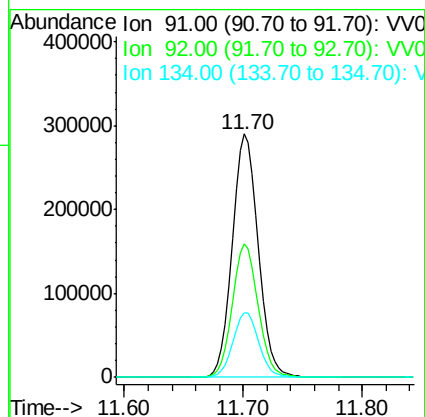
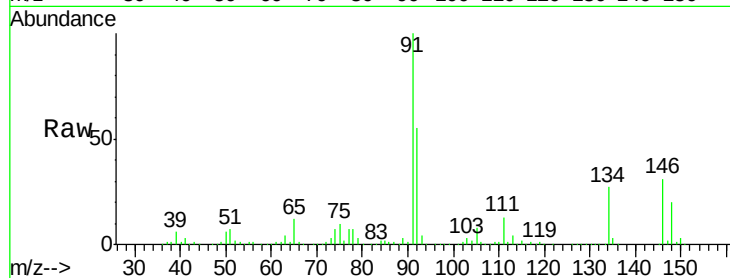
Tot Ion: 91 Resp: 437192

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.5

134 26.4 12.6 37.8



#90

Hexachloroethane

Concen: 92.363 ug/l

RT: 11.95 min Scan# 3377

Delta R.T. 0.00 min

Lab File: VV009258.D

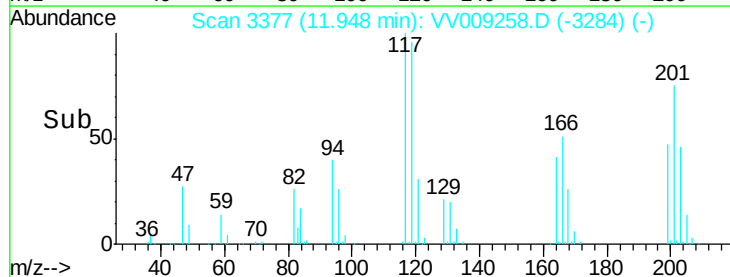
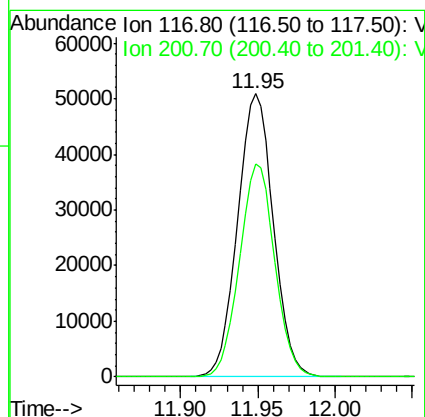
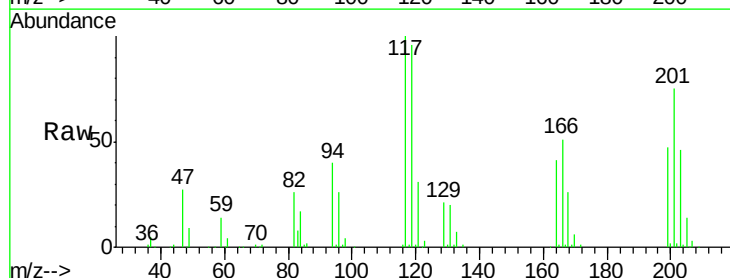
Acq: 24 Jan 2019 14:16

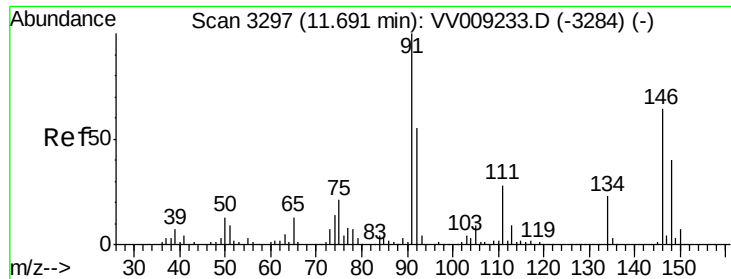
Tgt Ion: 117 Resp: 81631

Ion Ratio Lower Upper

117 100

201 74.3 35.2 105.6

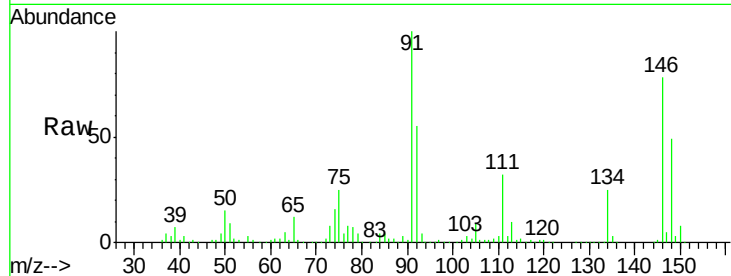




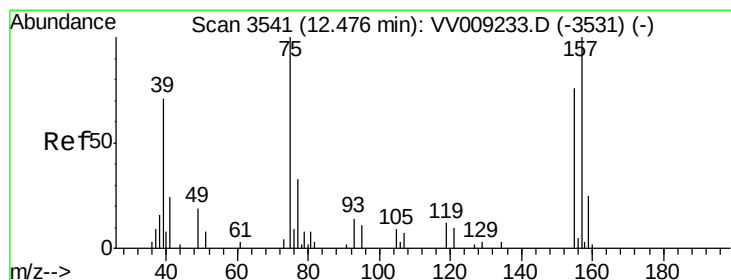
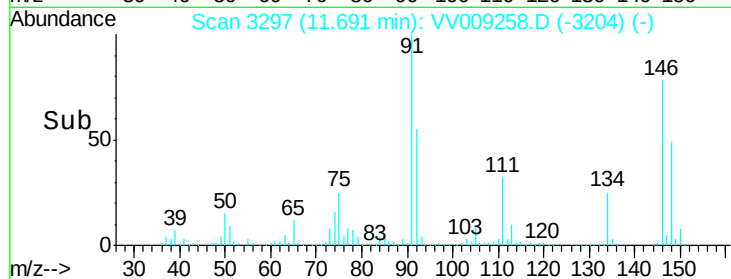
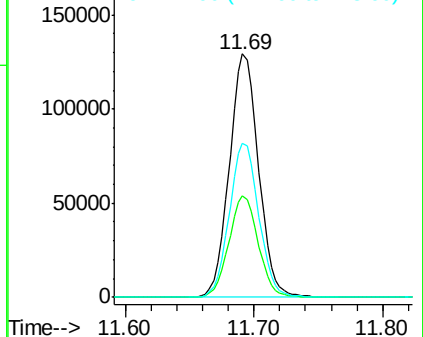
#91  
 1,2-Dichlorobenzene  
 Concen: 95.495 ug/l  
 RT: 11.69 min Scan# 3297  
 Delta R.T. 0.00 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDIC100

Tot Ion:146 Resp: 203172  
 Ion Ratio Lower Upper  
 146 100  
 111 41.8 21.9 65.8  
 148 63.8 31.6 95.0

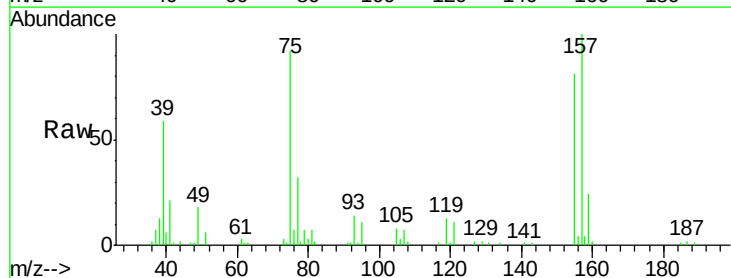


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

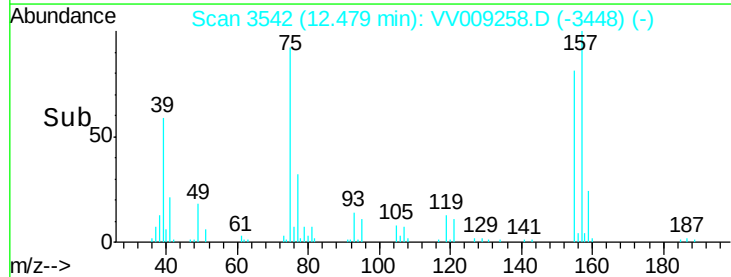
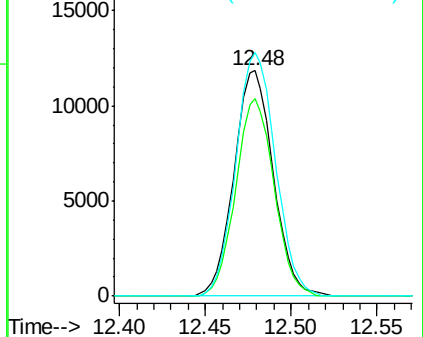


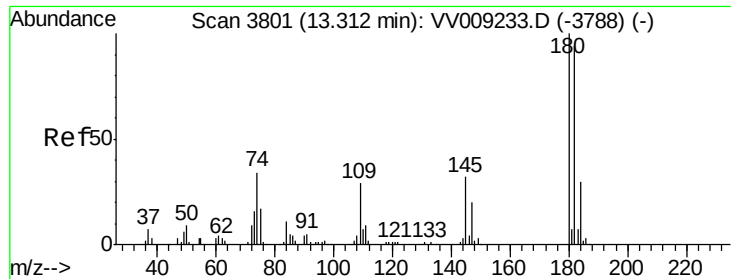
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 122.783 ug/l  
 RT: 12.48 min Scan# 3542  
 Delta R.T. 0.00 min  
 Lab File: VV009258.D  
 Acq: 24 Jan 2019 14:16

Tgt Ion: 75 Resp: 18859  
 Ion Ratio Lower Upper  
 75 100  
 155 85.2 38.0 114.0  
 157 108.2 50.8 152.4



Abundance Ion 74.90 (74.60 to 75.60): VV0  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V

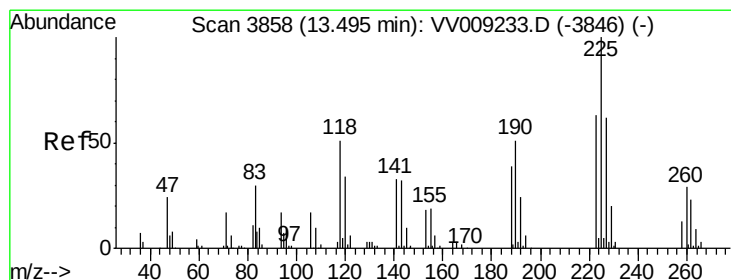
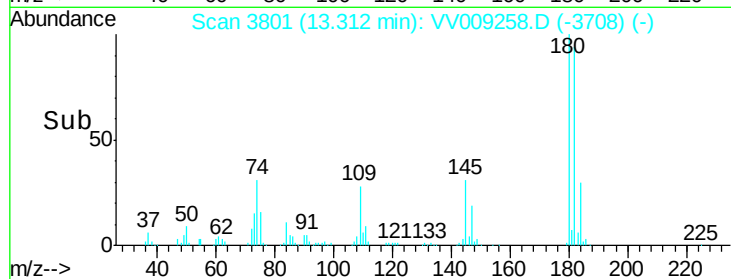
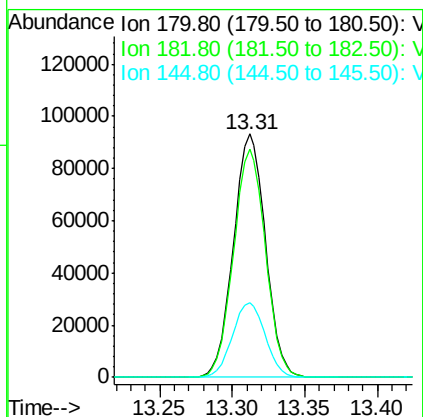
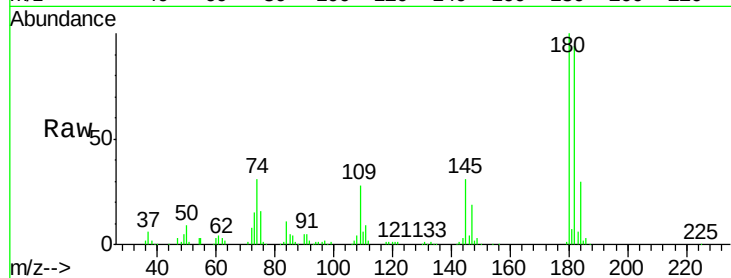




#93  
1,2,4-Trichlorobenzene  
Concen: 104.197 ug/l  
RT: 13.31 min Scan# 3801  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

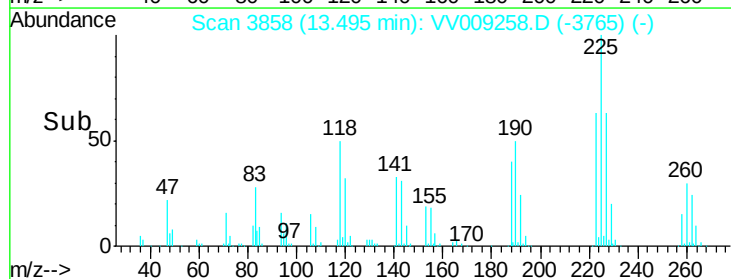
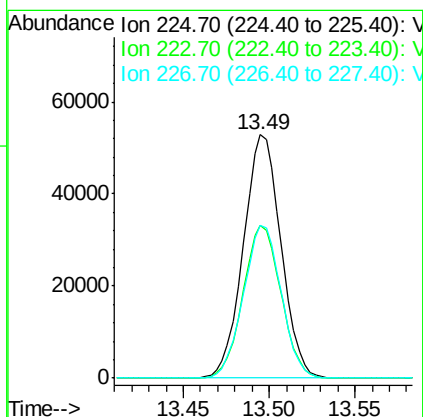
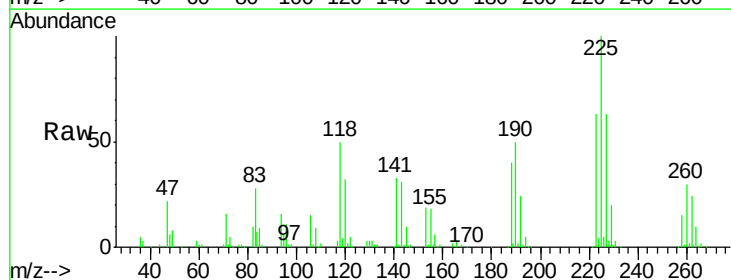
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

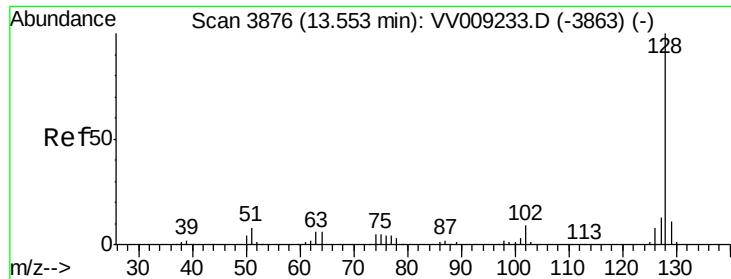
Tot Ion:180 Resp: 142707  
Ion Ratio Lower Upper  
180 100  
182 93.7 47.1 141.4  
145 31.4 16.0 48.0



#94  
Hexachlorobutadiene  
Concen: 94.124 ug/l  
RT: 13.49 min Scan# 3858  
Delta R.T. 0.00 min  
Lab File: VV009258.D  
Acq: 24 Jan 2019 14:16

Tgt Ion:225 Resp: 79897  
Ion Ratio Lower Upper  
225 100  
223 63.3 31.7 95.1  
227 62.8 31.6 95.0





#95

Naphthalene

Concen: 129.704 ug/l

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

Instrument :

MSVOA\_V

ClientSampleId :

VSTDIC100

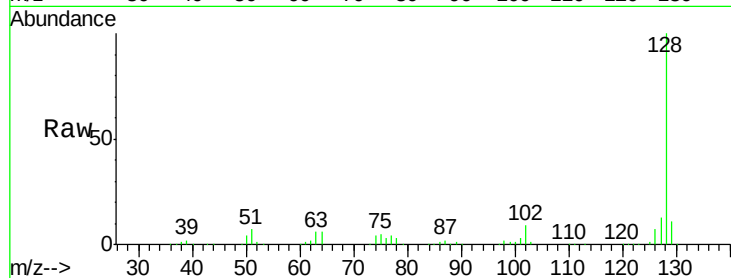
Tot Ion:128 Resp: 307157

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

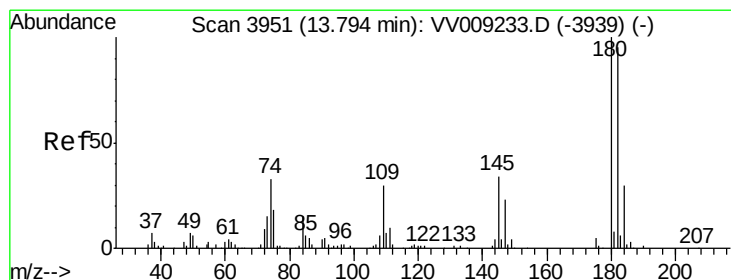
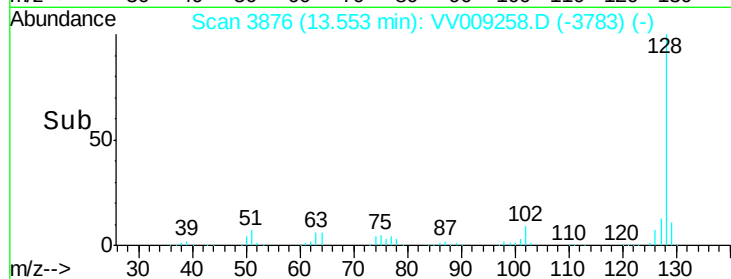
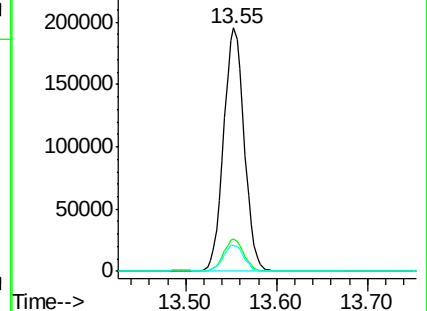
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 109.243 ug/l

RT: 13.79 min Scan# 3951

Delta R.T. 0.00 min

Lab File: VV009258.D

Acq: 24 Jan 2019 14:16

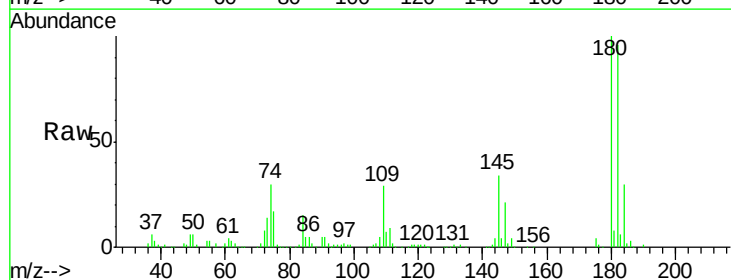
Tgt Ion:180 Resp: 126696

Ion Ratio Lower Upper

180 100

182 95.6 47.4 142.2

145 33.7 17.2 51.5



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

