

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU101118\  
 Data File : VU027609.D  
 Acq On : 11 Oct 2018 19:14  
 Operator : MD/SY  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 12 02:58:36 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U101118W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 11 10:41:56 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.99  | 168  | 118534   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 208006   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 192066   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 94412    | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 5.31   | 65  | 89665    | 48.87 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.74% |      |
| 35) Dibromofluoromethane    | 4.88   | 113 | 65296    | 47.45 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 94.90% |      |
| 50) Toluene-d8              | 7.57   | 98  | 250987   | 47.89 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.78% |      |
| 62) 4-Bromofluorobenzene    | 10.31  | 95  | 91972    | 48.66 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.32% |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.21 | 85  | 62525   | 48.496  | ug/l | 99     |
| 3) Chloromethane              | 1.33 | 50  | 98765   | 48.897  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.40 | 62  | 96767   | 50.975  | ug/l | 99     |
| 5) Bromomethane               | 1.62 | 94  | 47755   | 46.339  | ug/l | 100    |
| 6) Chloroethane               | 1.69 | 64  | 55475   | 49.245  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.88 | 101 | 102721  | 48.432  | ug/l | 99     |
| 8) Diethyl Ether              | 2.11 | 74  | 48195   | 50.373  | ug/l | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.29 | 101 | 59734   | 48.168  | ug/l | 99     |
| 10) Methyl Iodide             | 2.41 | 142 | 60288   | 42.234  | ug/l | 100    |
| 11) Tert butyl alcohol        | 2.83 | 59  | 104159  | 232.904 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.28 | 96  | 59543   | 48.948  | ug/l | 99     |
| 13) Acrolein                  | 2.20 | 56  | 83552   | 235.494 | ug/l | 99     |
| 14) Allyl chloride            | 2.59 | 41  | 139646  | 47.323  | ug/l | 97     |
| 15) Acrylonitrile             | 2.94 | 53  | 277038  | 260.584 | ug/l | 99     |
| 16) Acetone                   | 2.32 | 43  | 235335  | 210.385 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.48 | 76  | 193588  | 46.423  | ug/l | 100    |
| 18) Methyl Acetate            | 2.62 | 43  | 138451  | 49.496  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.00 | 73  | 249756  | 53.349  | ug/l | 98     |
| 20) Methylene Chloride        | 2.70 | 84  | 75243   | 47.523  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 2.98 | 96  | 68887   | 51.235  | ug/l | 99     |
| 22) Diisopropyl ether         | 3.58 | 45  | 295122  | 52.213  | ug/l | 98     |
| 23) Vinyl Acetate             | 3.53 | 43  | 1297341 | 271.359 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.45 | 63  | 152610  | 50.996  | ug/l | 100    |
| 25) 2-Butanone                | 4.27 | 43  | 405329  | 255.711 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.23 | 77  | 109727  | 45.749  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.23 | 96  | 77843   | 52.210  | ug/l | 98     |
| 28) Bromochloromethane        | 4.55 | 49  | 76405   | 51.748  | ug/l | 97     |
| 29) Tetrahydrofuran           | 4.64 | 42  | 262179  | 263.742 | ug/l | 98     |
| 30) Chloroform                | 4.67 | 83  | 136077  | 51.146  | ug/l | 99     |
| 31) Cyclohexane               | 5.00 | 56  | 139477  | 49.030  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 4.92 | 97  | 115458  | 51.446  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.14 | 75  | 107367  | 50.810  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.39 | 43  | 148415  | 48.964  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.14 | 117 | 95851   | 49.204  | ug/l | 97     |

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Quant Time: Oct 12 02:58:36 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U101118W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 11 10:41:56 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 6.42  | 83   | 120447   | 50.531  | ug/l   | 97       |
| 40) Benzene                    | 5.39  | 78   | 315280   | 49.343  | ug/l   | 100      |
| 41) Methacrylonitrile          | 4.55  | 41   | 82237    | 48.843  | ug/l   | 100      |
| 42) 1,2-Dichloroethane         | 5.40  | 62   | 116935   | 49.510  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 5.55  | 43   | 227652   | 51.889  | ug/l   | 99       |
| 44) Trichloroethene            | 6.19  | 130  | 70233    | 49.804  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 6.43  | 63   | 90679    | 49.870  | ug/l   | 99       |
| 46) Dibromomethane             | 6.56  | 93   | 53203    | 49.710  | ug/l   | 98       |
| 47) Bromodichloromethane       | 6.76  | 83   | 107599   | 49.976  | ug/l   | 97       |
| 48) Methyl methacrylate        | 6.62  | 41   | 114122   | 47.529  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 6.61  | 88   | 39301    | 936.254 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 7.46  | 43   | 756244   | 256.403 | ug/l   | 99       |
| 52) Toluene                    | 7.64  | 92   | 185769   | 50.823  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 7.88  | 75   | 125607   | 51.244  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 7.27  | 75   | 133459   | 50.035  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 8.07  | 97   | 76531    | 50.741  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 8.02  | 69   | 131654   | 47.422  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 8.24  | 76   | 143692   | 50.148  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 7.13  | 63   | 376304   | 243.284 | ug/l   | 99       |
| 59) 2-Hexanone                 | 8.36  | 43   | 584570   | 254.060 | ug/l   | 99       |
| 60) Dibromochloromethane       | 8.48  | 129  | 76322    | 50.630  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 8.59  | 107  | 79820    | 50.255  | ug/l   | 100      |
| 64) Tetrachloroethene          | 8.23  | 164  | 59855    | 50.169  | ug/l   | 99       |
| 65) Chlorobenzene              | 9.12  | 112  | 195425   | 49.051  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.21  | 131  | 69490    | 51.015  | ug/l   | 99       |
| 67) Ethyl Benzene              | 9.25  | 91   | 352434   | 51.568  | ug/l   | 99       |
| 68) m/p-Xylenes                | 9.38  | 106  | 263747   | 105.698 | ug/l   | 99       |
| 69) o-Xylene                   | 9.78  | 106  | 127853   | 52.707  | ug/l   | 97       |
| 70) Styrene                    | 9.79  | 104  | 213304   | 47.744  | ug/l   | 100      |
| 71) Bromoform                  | 9.96  | 173  | 57775    | 51.017  | ug/l # | 100      |
| 73) Isopropylbenzene           | 10.17 | 105  | 340018   | 53.494  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.02 | 43   | 205459   | 54.803  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.46 | 83   | 133295   | 48.752  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 10.49 | 75   | 162511   | 59.999  | ug/l   | 83       |
| 77) Bromobenzene               | 10.45 | 156  | 79548    | 51.089  | ug/l   | 96       |
| 78) n-propylbenzene            | 10.59 | 91   | 414852   | 53.769  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 10.66 | 91   | 243987   | 51.548  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 10.77 | 105  | 285537   | 50.766  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 10.49 | 75   | 162511   | 70.707  | ug/l # | 100      |
| 82) 4-Chlorotoluene            | 10.77 | 91   | 280929   | 53.120  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.10 | 119  | 274646   | 52.886  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.15 | 105  | 294319   | 50.751  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.32 | 105  | 344868   | 50.327  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 11.48 | 119  | 298974   | 50.200  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 11.42 | 146  | 145715   | 50.401  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 11.51 | 146  | 148522   | 48.525  | ug/l   | 100      |
| 89) n-Butylbenzene             | 11.89 | 91   | 281754   | 49.585  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.15 | 117  | 51578    | 49.087  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 11.88 | 146  | 146927   | 50.404  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75   | 30696    | 51.354  | ug/l   | 93       |

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QLast Update : Thu Oct 11 10:41:56 2018  
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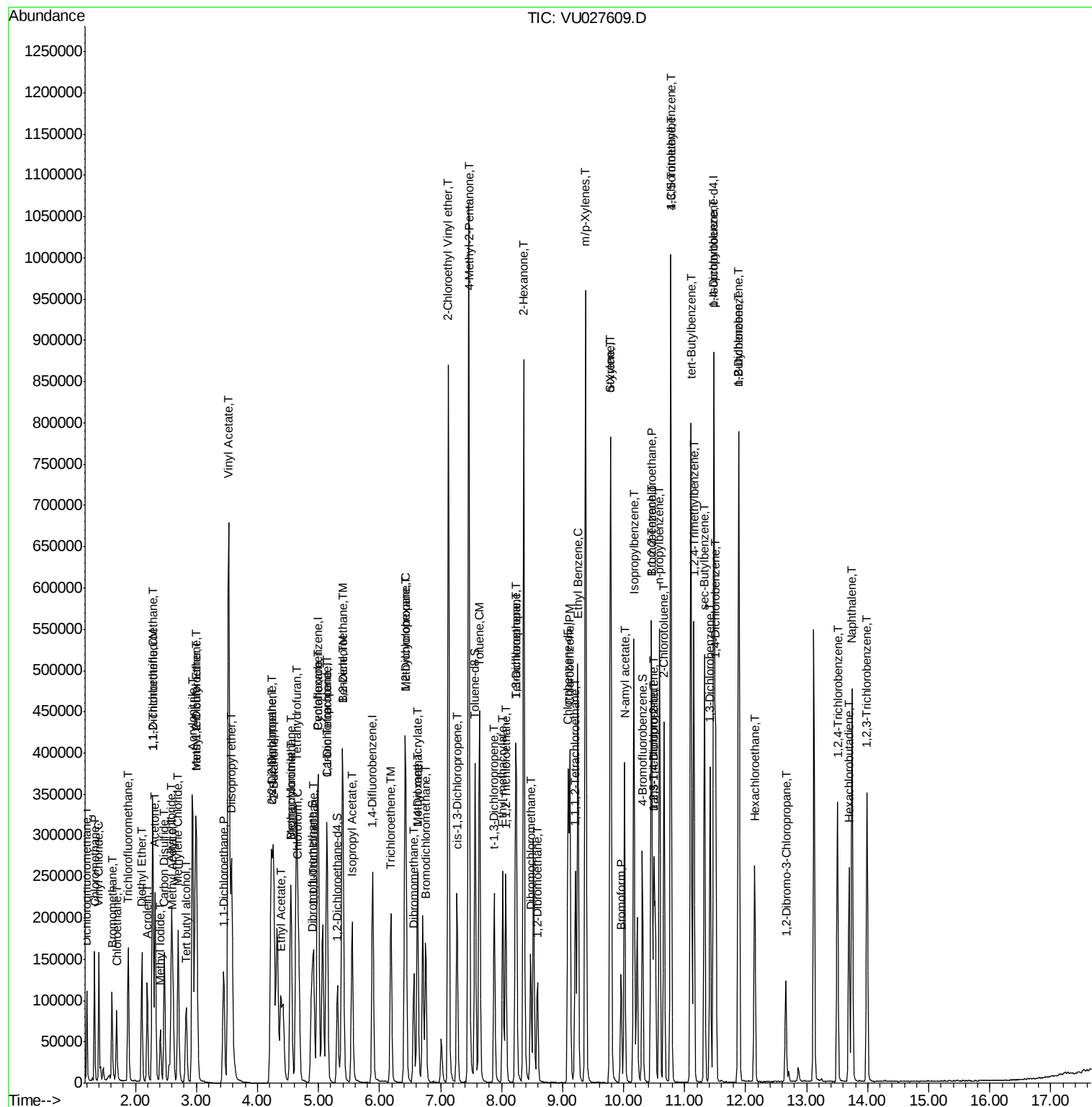
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.50 | 180  | 101700   | 50.328 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.69 | 225  | 46685    | 49.908 | ug/l  | 99       |
| 95) Naphthalene            | 13.74 | 128  | 357134   | 51.023 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180  | 104137   | 54.252 | ug/l  | 97       |

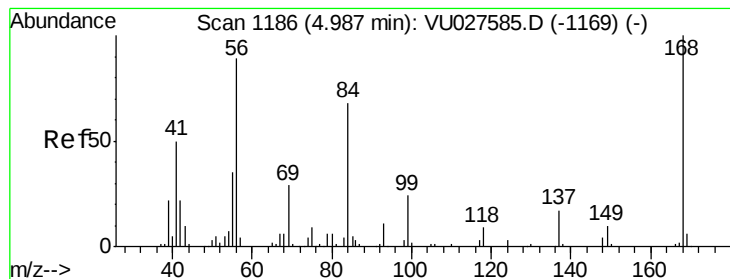
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

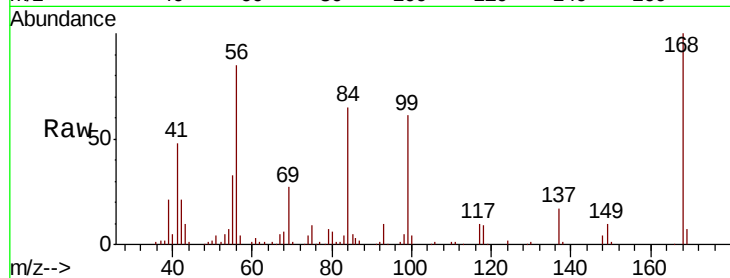
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:168 Resp: 118534

Ion Ratio Lower Upper

168 100

99 59.9 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027585.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027585.D (-1169) (-)

4.99

60000

50000

40000

30000

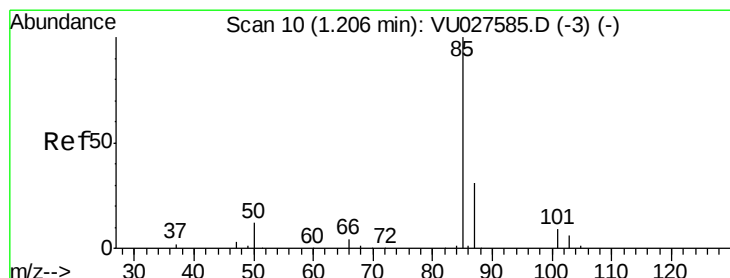
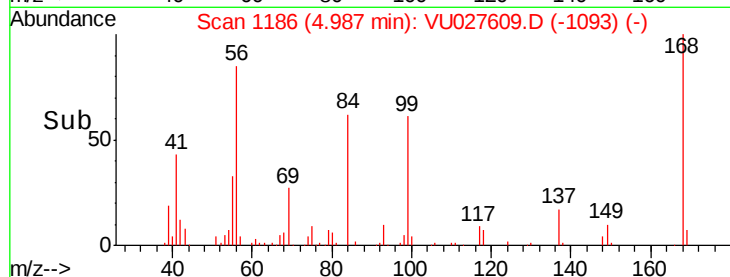
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10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 48.496 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027609.D

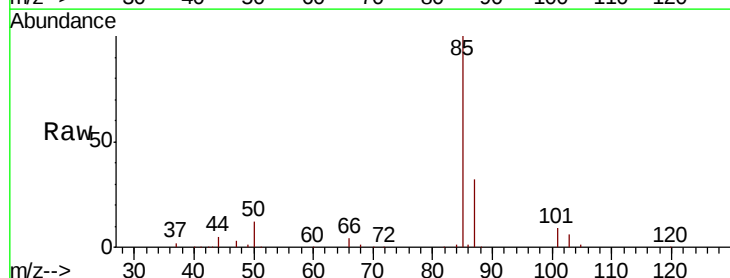
Acq: 11 Oct 2018 19:14

Tgt Ion: 85 Resp: 62525

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VU027585.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027585.D (-3) (-)

1.21

60000

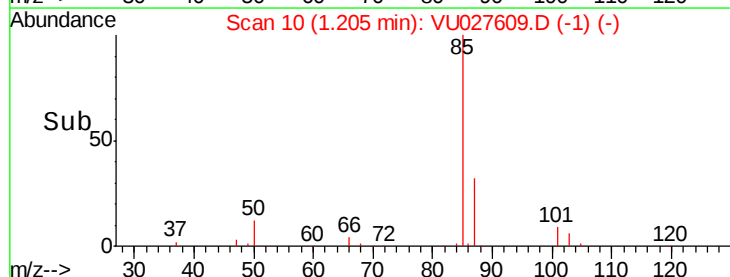
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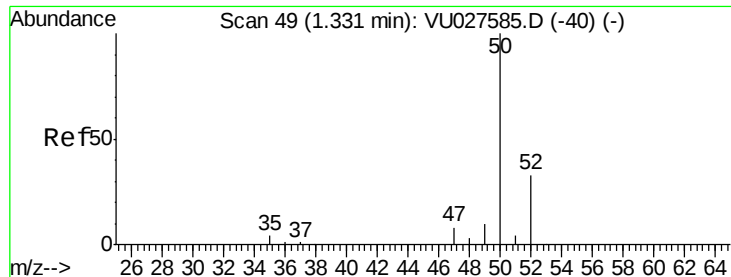
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1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.897 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Instrument :

MSVOA\_U

ClientSampleId :

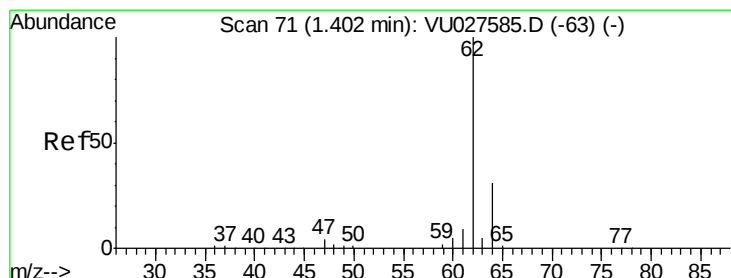
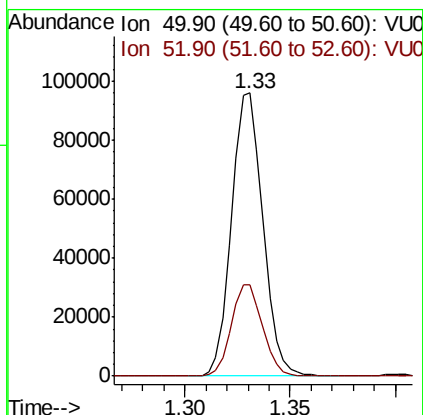
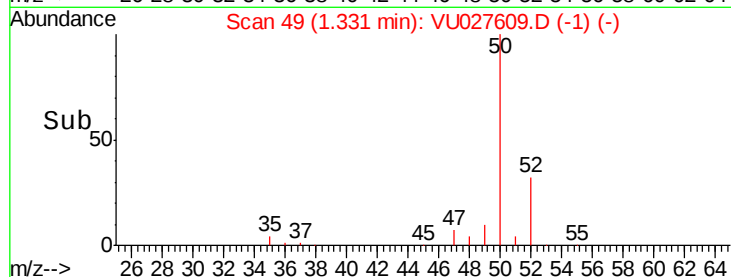
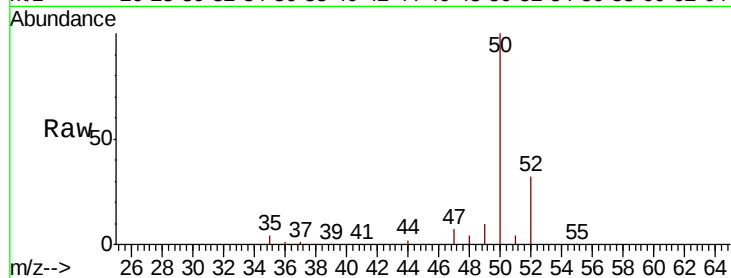
VSTDCCC050EC

Tgt Ion: 50 Resp: 98765

Ion Ratio Lower Upper

50 100

52 32.2 26.5 39.7



#4

Vinyl Chloride

Concen: 50.975 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027609.D

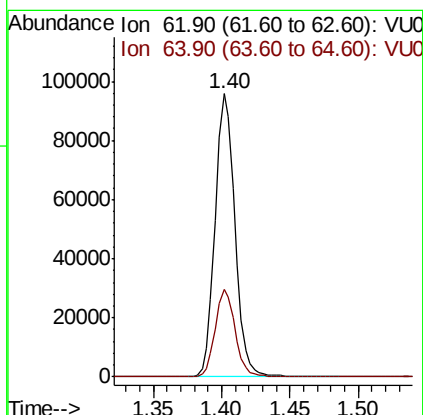
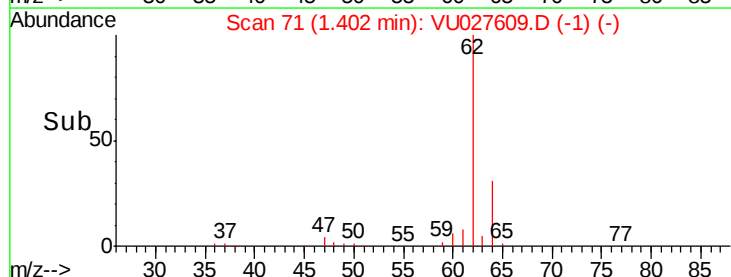
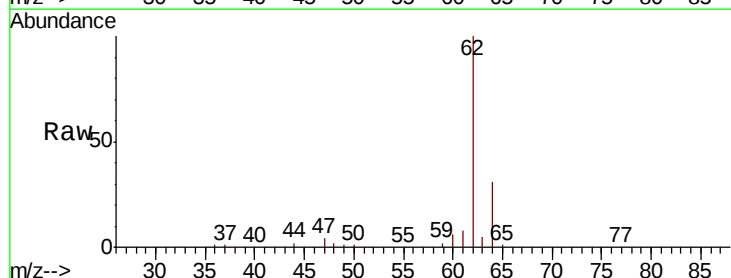
Acq: 11 Oct 2018 19:14

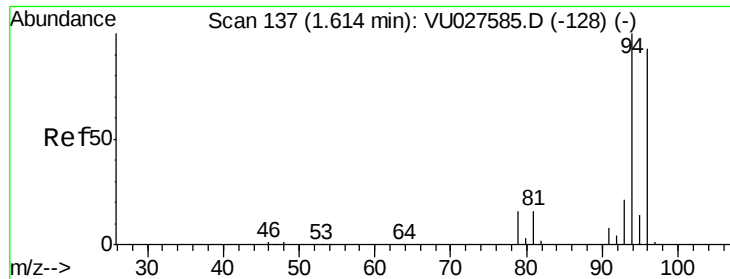
Tgt Ion: 62 Resp: 96767

Ion Ratio Lower Upper

62 100

64 30.7 24.9 37.3

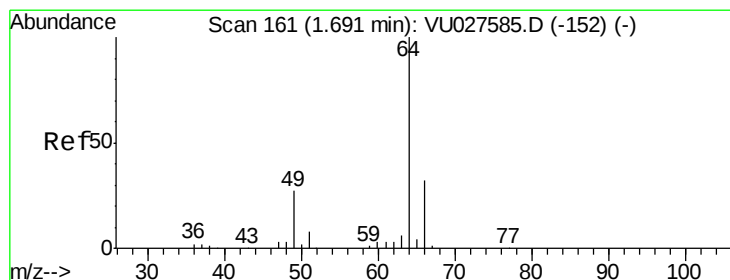
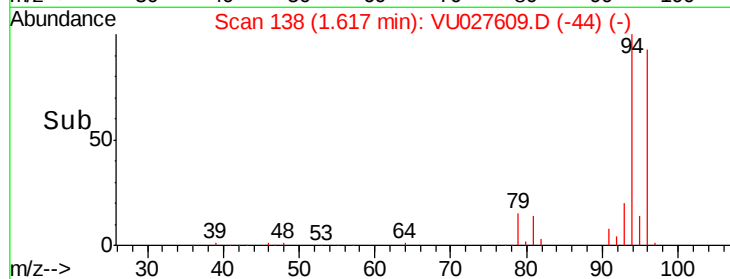
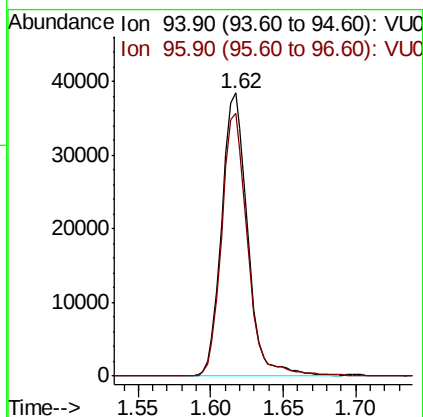
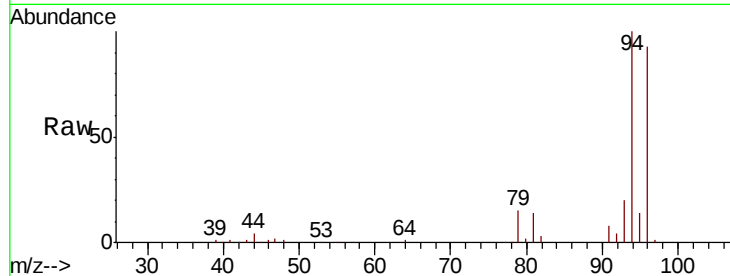




#5  
Bromomethane  
Concen: 46.339 ug/l  
RT: 1.62 min Scan# 138  
Delta R.T. 0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

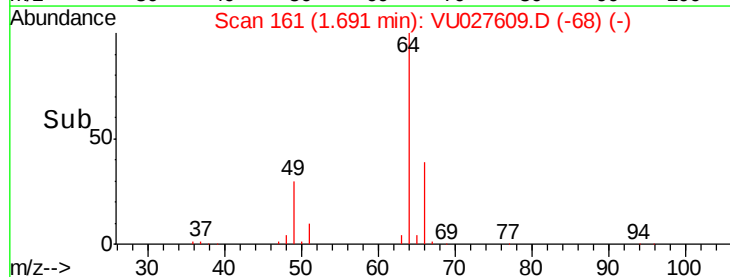
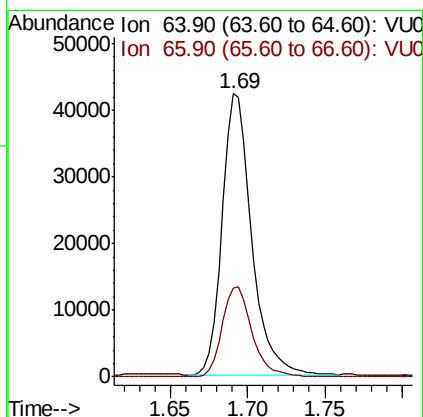
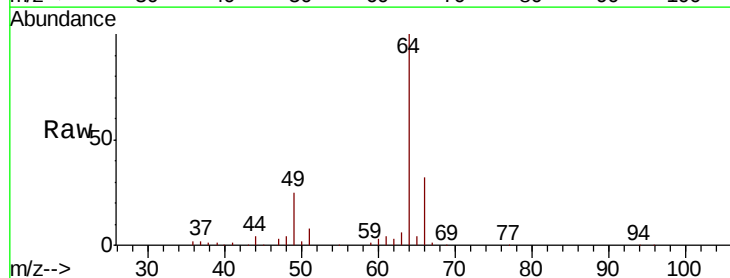
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

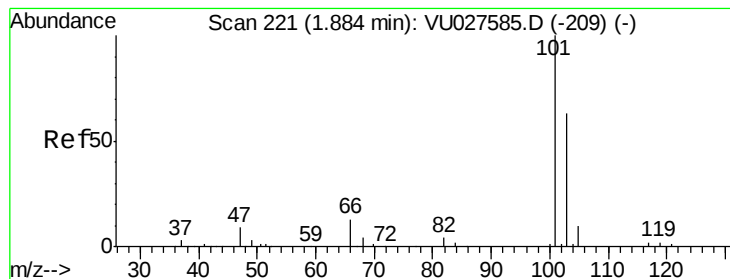
Tgt Ion: 94 Resp: 47755  
Ion Ratio Lower Upper  
94 100  
96 92.8 74.6 111.8



#6  
Chloroethane  
Concen: 49.245 ug/l  
RT: 1.69 min Scan# 161  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Tgt Ion: 64 Resp: 55475  
Ion Ratio Lower Upper  
64 100  
66 31.8 24.6 36.8



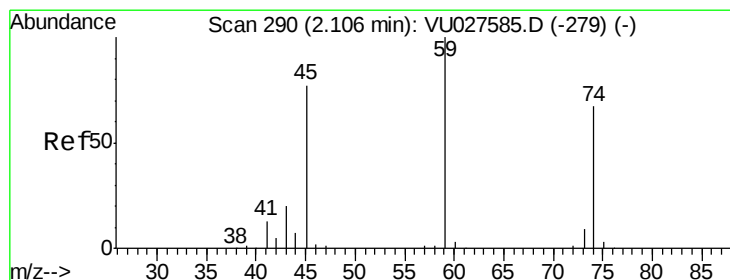
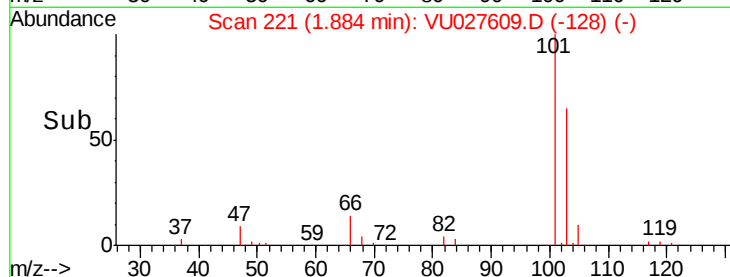
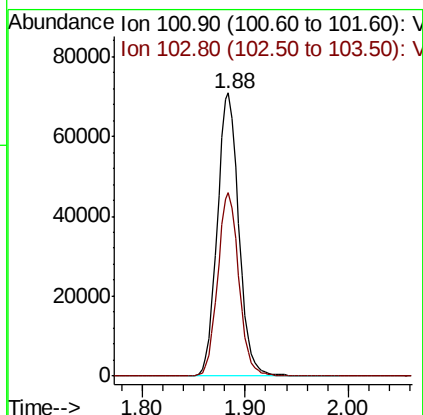
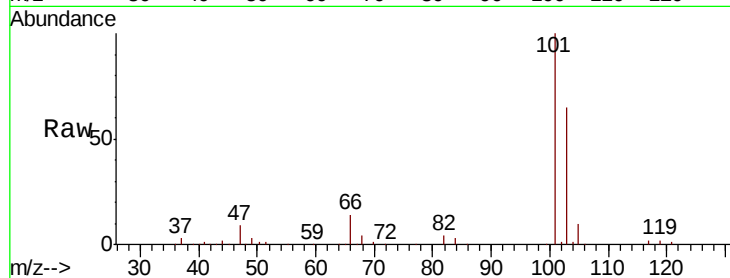


#7

Trichlorofluoromethane  
 Concen: 48.432 ug/l  
 RT: 1.88 min Scan# 221  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

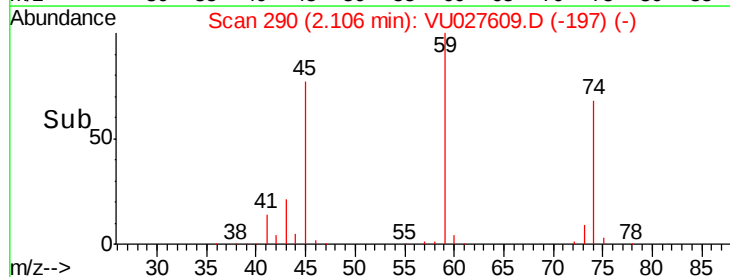
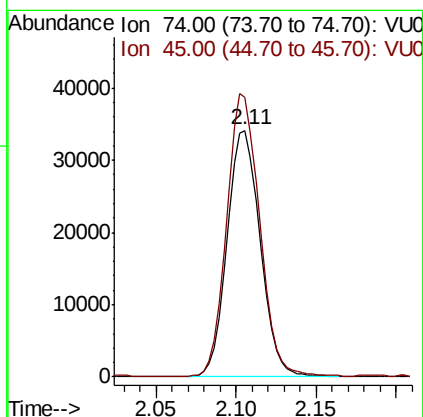
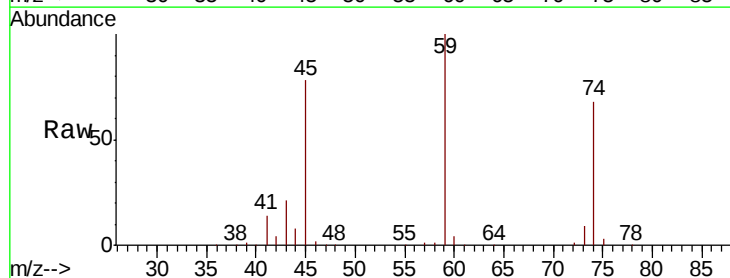
Tgt Ion: 101 Resp: 102721  
 Ion Ratio Lower Upper  
 101 100  
 103 65.0 52.6 78.8

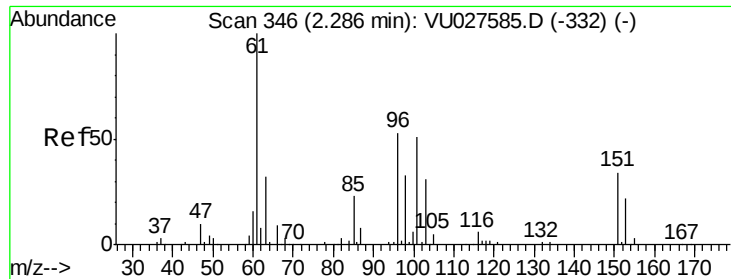


#8

Diethyl Ether  
 Concen: 50.373 ug/l  
 RT: 2.11 min Scan# 290  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Tgt Ion: 74 Resp: 48195  
 Ion Ratio Lower Upper  
 74 100  
 45 113.4 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.168 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

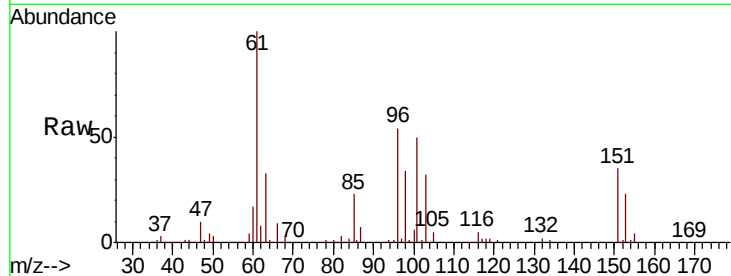
Tgt Ion:101 Resp: 59734

Ion Ratio Lower Upper

101 100

85 46.2 37.5 56.3

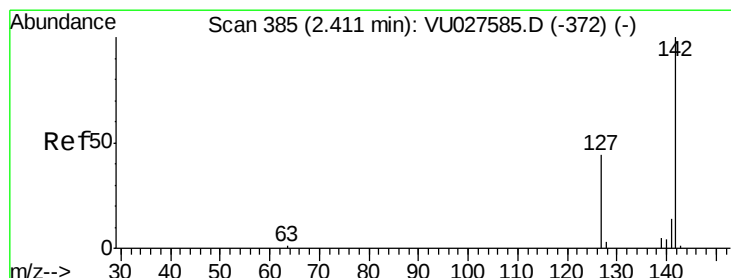
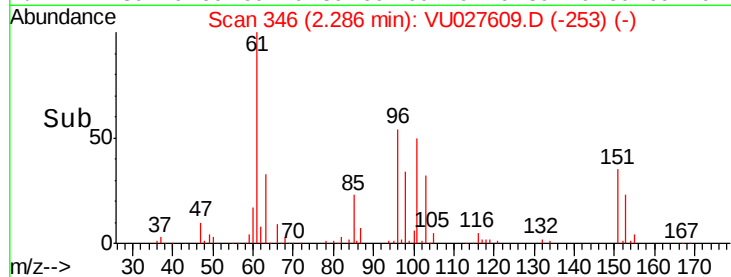
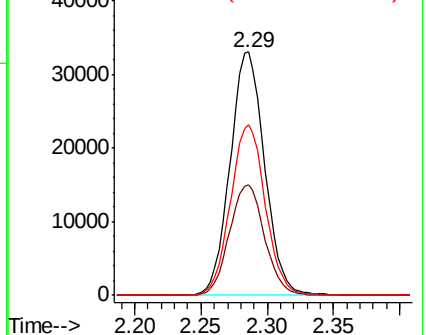
151 70.6 55.6 83.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.234 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

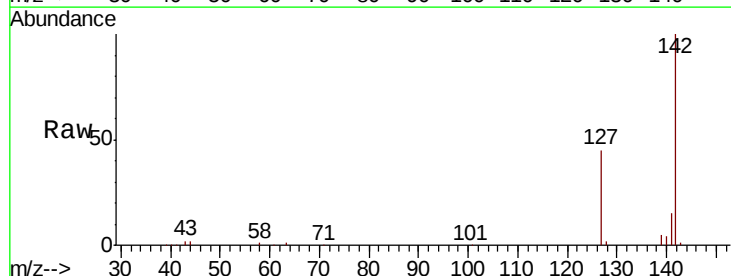
Tgt Ion:142 Resp: 60288

Ion Ratio Lower Upper

142 100

127 45.6 36.3 54.5

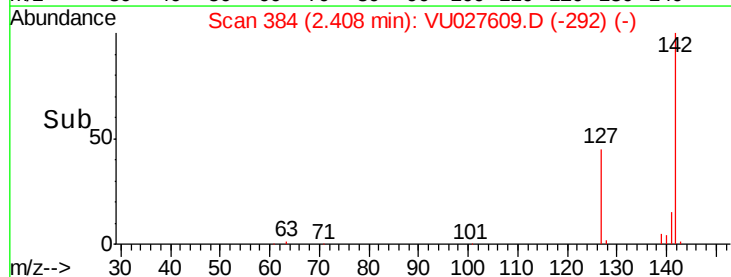
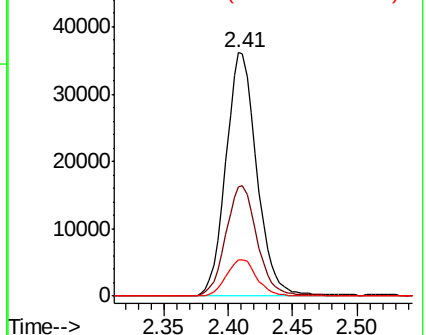
141 14.6 11.6 17.4

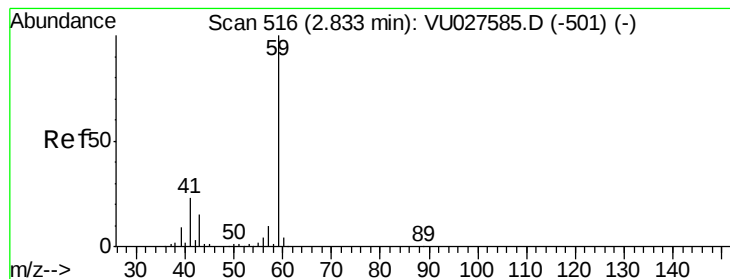


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



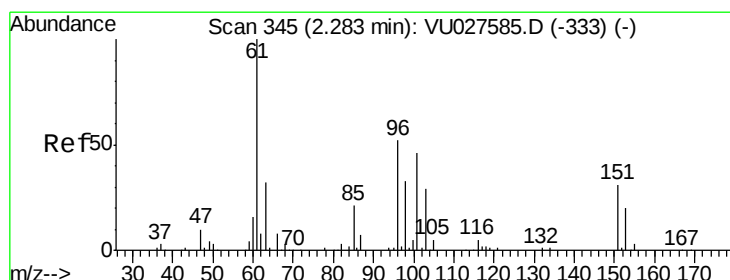
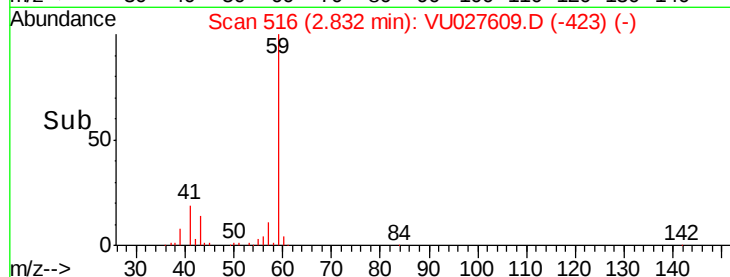
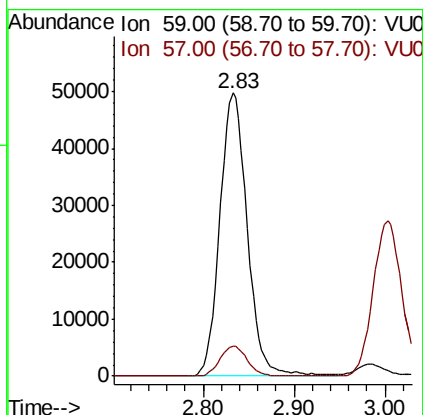
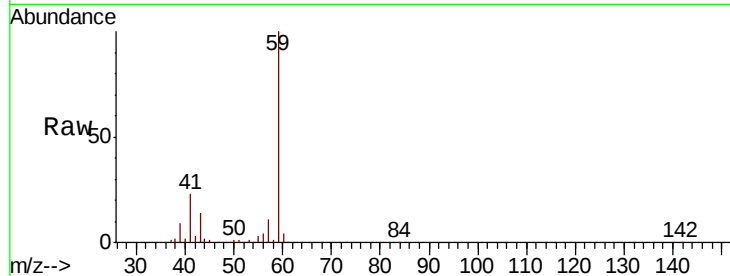


#11

Tert butyl alcohol  
 Concen: 232.904 ug/l  
 RT: 2.83 min Scan# 516  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

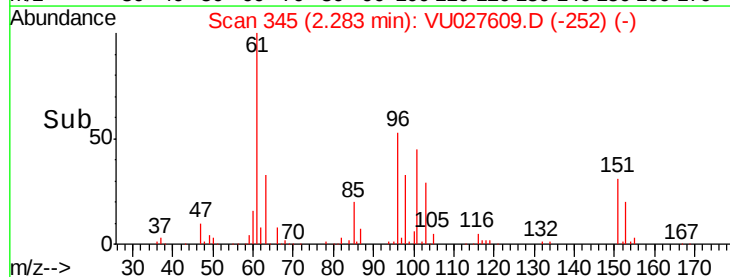
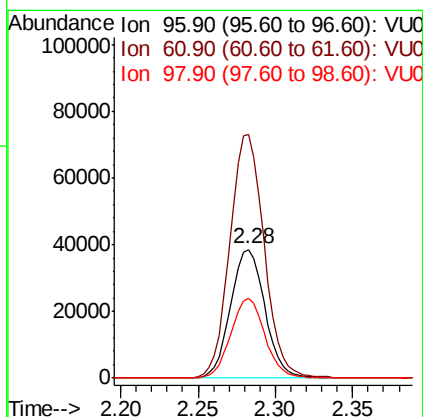
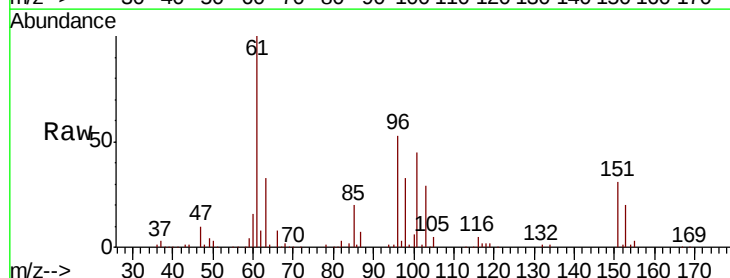
Tgt Ion: 59 Resp: 104159  
 Ion Ratio Lower Upper  
 59 100  
 57 10.3 8.4 12.6

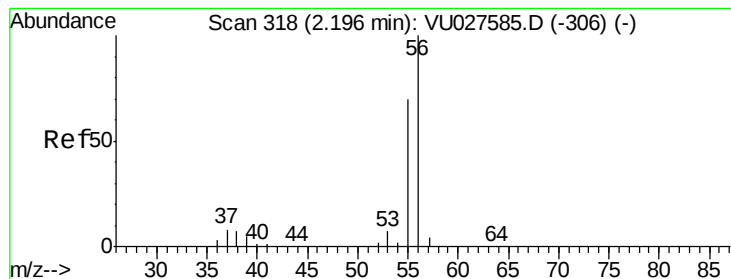


#12

1,1-Dichloroethene  
 Concen: 48.948 ug/l  
 RT: 2.28 min Scan# 345  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Tgt Ion: 96 Resp: 59543  
 Ion Ratio Lower Upper  
 96 100  
 61 189.1 153.0 229.6  
 98 62.1 49.3 73.9





#13

Acrolein

Concen: 235.494 ug/l

RT: 2.20 min Scan# 318

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Instrument :

MSVOA\_U

ClientSampleId :

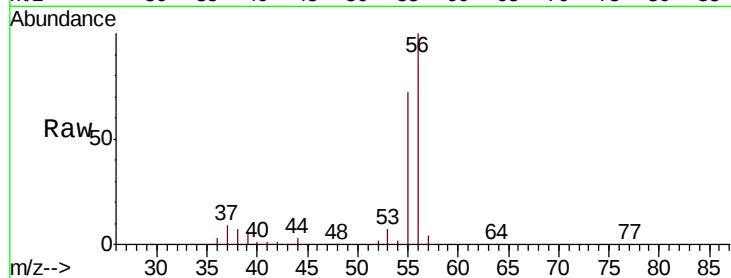
VSTDCCC050EC

Tgt Ion: 56 Resp: 83552

Ion Ratio Lower Upper

56 100

55 71.2 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VU027585.D (-306) (-)

Ion 55.00 (54.70 to 55.70): VU027585.D (-306) (-)

2.20

60000

50000

40000

30000

20000

10000

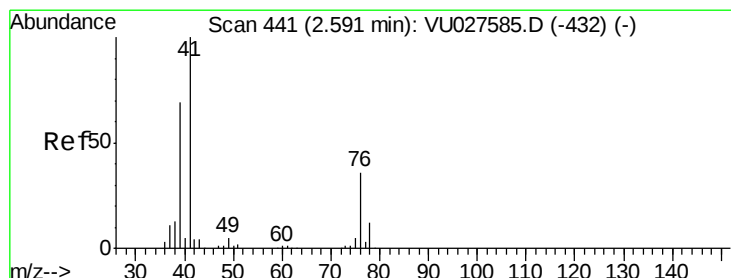
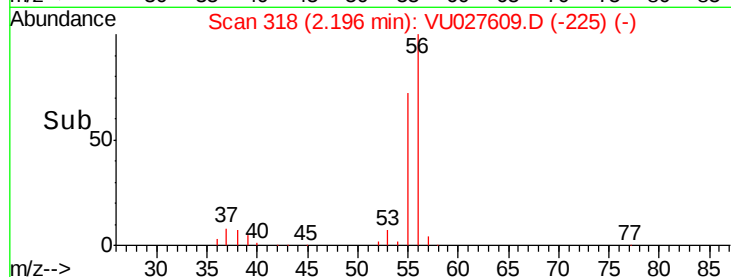
0

Time-->

2.10

2.20

2.30



#14

Allyl chloride

Concen: 47.323 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

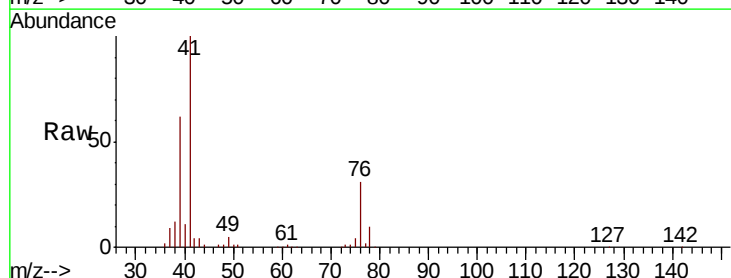
Tgt Ion: 41 Resp: 139646

Ion Ratio Lower Upper

41 100

39 63.5 51.8 77.8

76 29.9 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VU027585.D (-432) (-)

Ion 39.00 (38.70 to 39.70): VU027585.D (-432) (-)

Ion 75.90 (75.60 to 76.60): VU027585.D (-432) (-)

2.59

100000

80000

60000

40000

20000

0

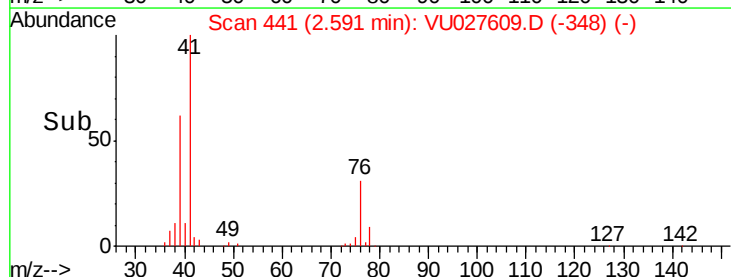
Time-->

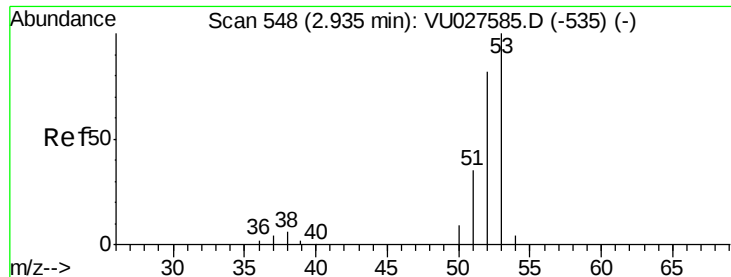
2.55

2.60

2.65

2.70





#15

Acrylonitrile

Concen: 260.584 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

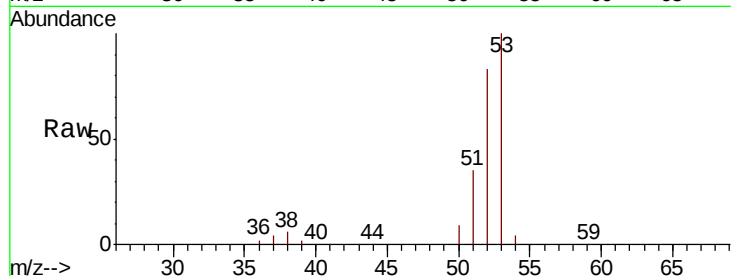
Tgt Ion: 53 Resp: 277038

Ion Ratio Lower Upper

53 100

52 82.8 66.5 99.7

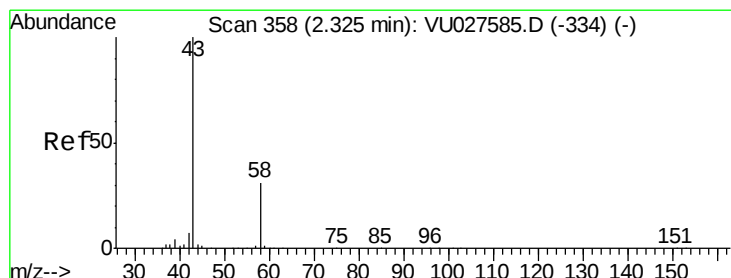
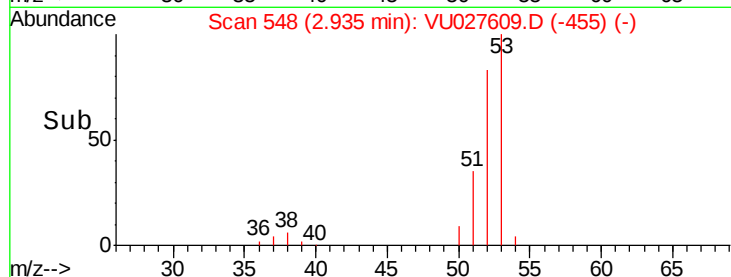
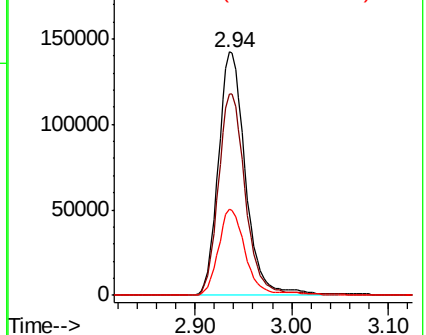
51 36.0 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 210.385 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027609.D

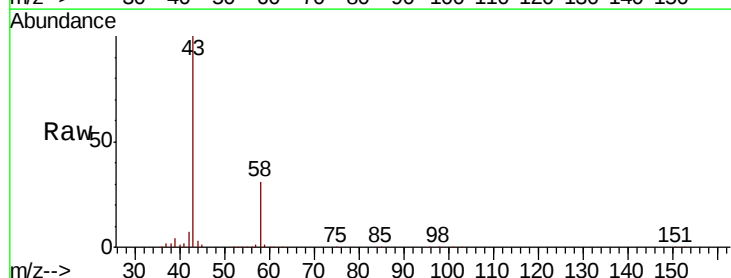
Acq: 11 Oct 2018 19:14

Tgt Ion: 43 Resp: 235335

Ion Ratio Lower Upper

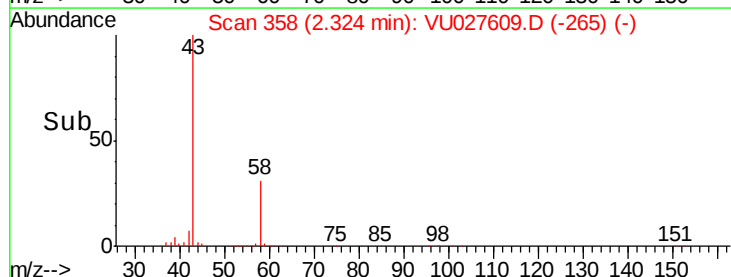
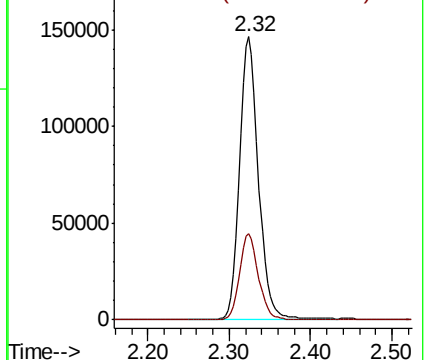
43 100

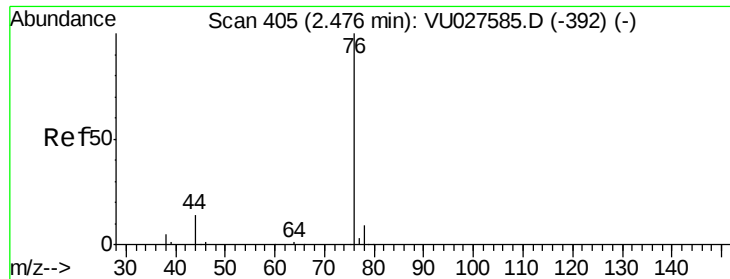
58 30.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

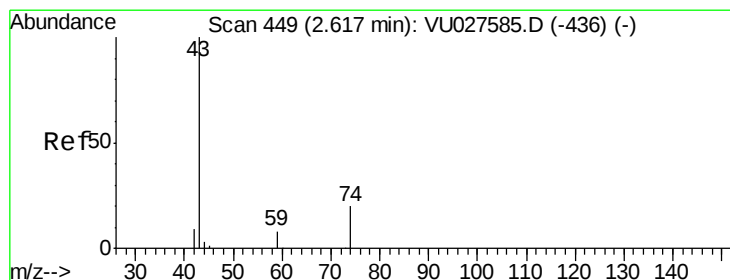
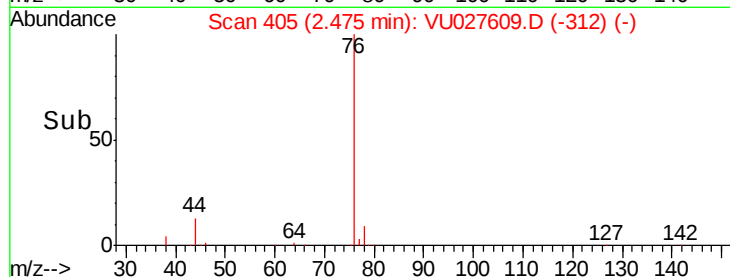
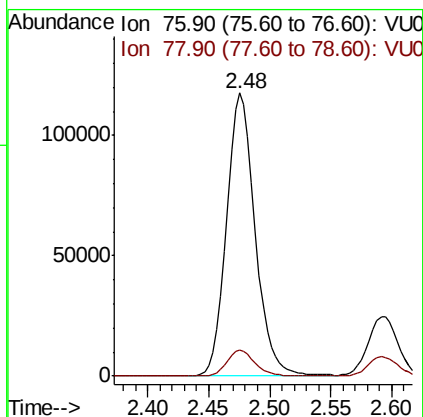
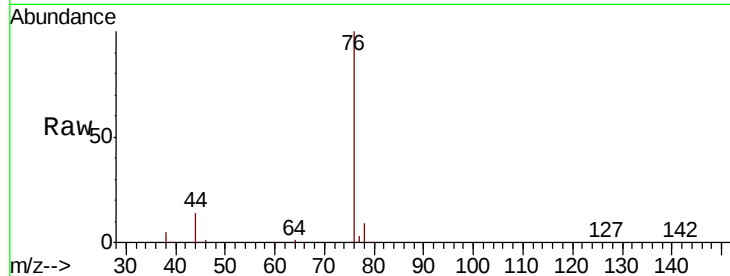




#17  
Carbon Disulfide  
Concen: 46.423 ug/l  
RT: 2.48 min Scan# 405  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

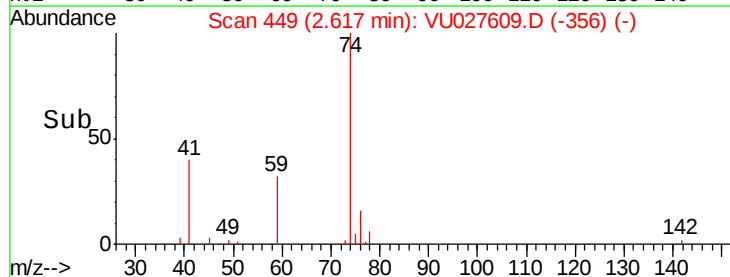
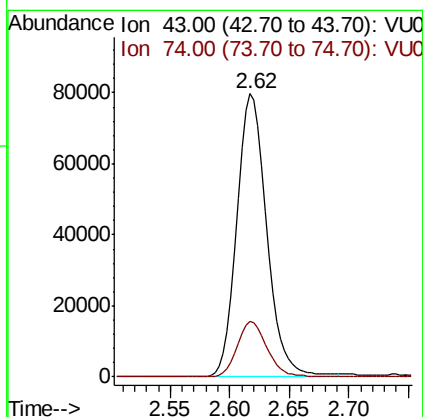
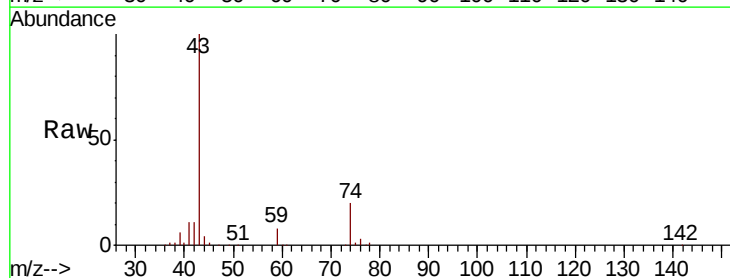
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

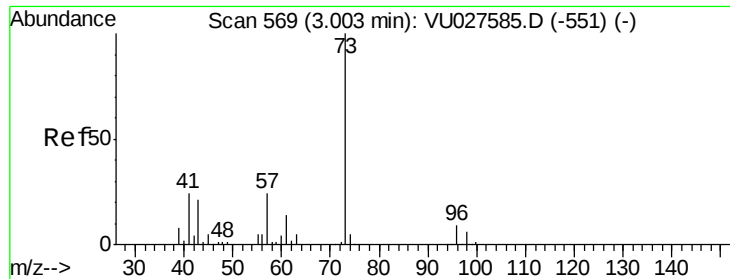
Tgt Ion: 76 Resp: 193588  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.3 10.9



#18  
Methyl Acetate  
Concen: 49.496 ug/l  
RT: 2.62 min Scan# 449  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Tgt Ion: 43 Resp: 138451  
Ion Ratio Lower Upper  
43 100  
74 19.8 16.5 24.7



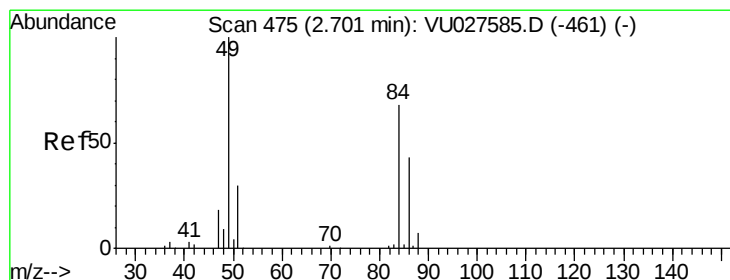
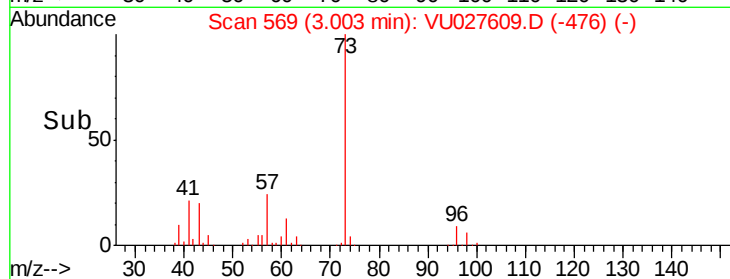
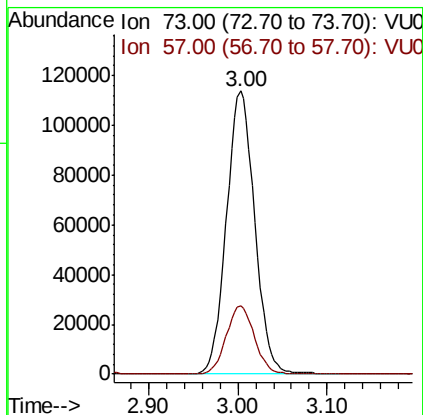
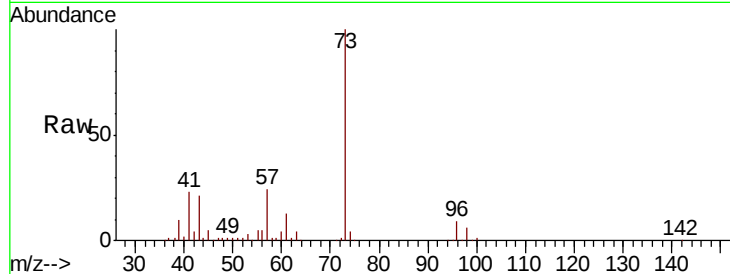


#19

Methyl tert-butyl Ether  
 Concen: 53.349 ug/l  
 RT: 3.00 min Scan# 569  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

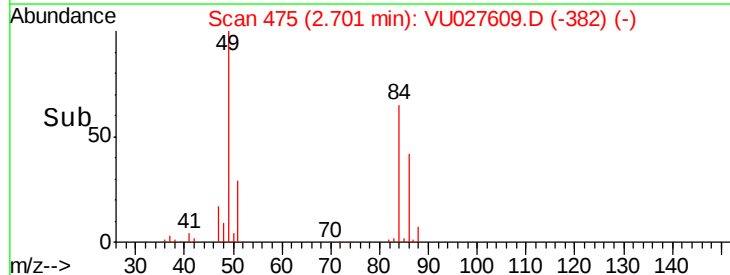
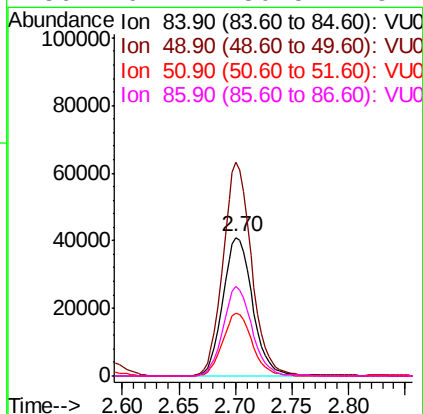
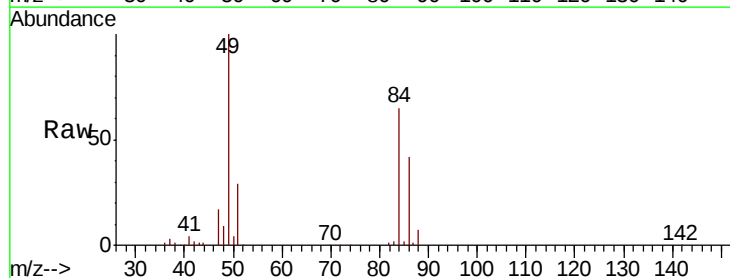
Tgt Ion: 73 Resp: 249756  
 Ion Ratio Lower Upper  
 73 100  
 57 24.0 20.0 30.0

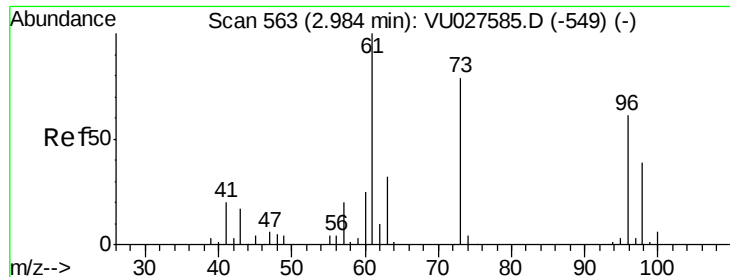


#20

Methylene Chloride  
 Concen: 47.523 ug/l  
 RT: 2.70 min Scan# 475  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Tgt Ion: 84 Resp: 75243  
 Ion Ratio Lower Upper  
 84 100  
 49 154.1 120.5 180.7  
 51 45.4 35.1 52.7  
 86 64.4 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 51.235 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

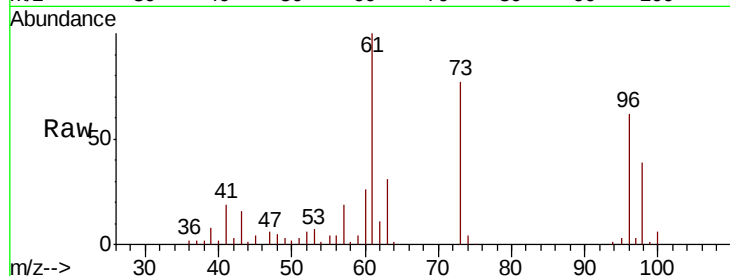
Tgt Ion: 96 Resp: 68887

Ion Ratio Lower Upper

96 100

61 160.5 129.4 194.2

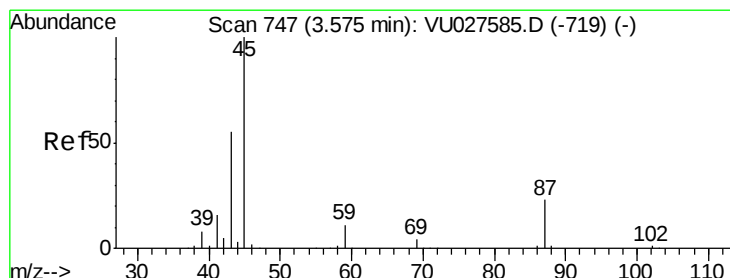
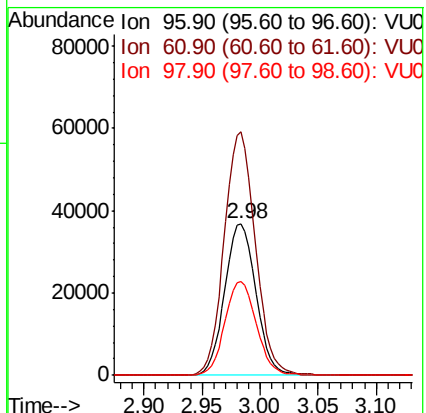
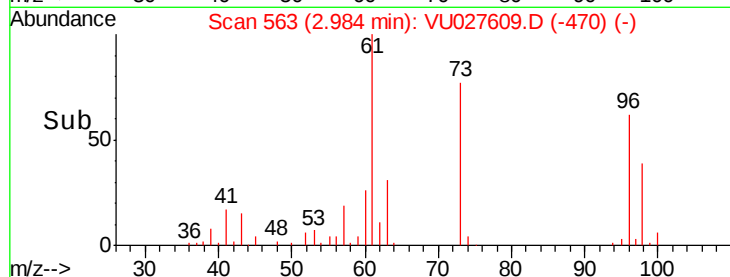
98 62.3 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VU027609.D (-470) (-)

Ion 60.90 (60.60 to 61.60): VU027609.D (-470) (-)

Ion 97.90 (97.60 to 98.60): VU027609.D (-470) (-)



#22

Diisopropyl ether

Concen: 52.213 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Tgt Ion: 45 Resp: 295122

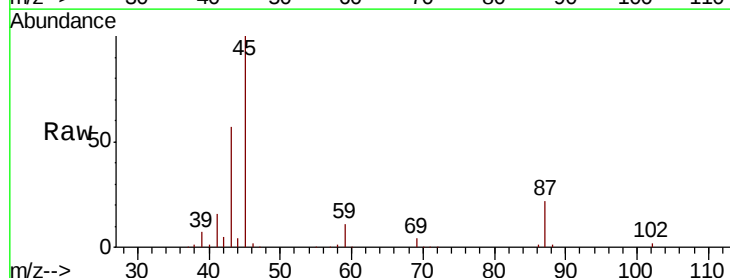
Ion Ratio Lower Upper

45 100

43 55.8 43.4 65.2

87 22.3 17.5 26.3

59 10.5 8.6 13.0

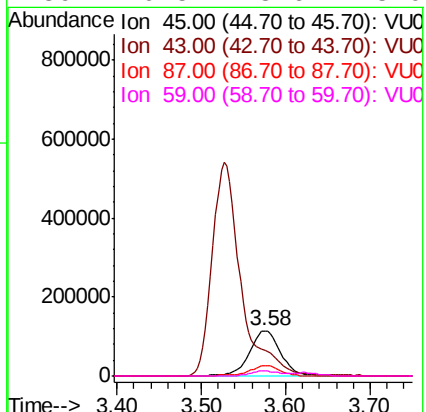
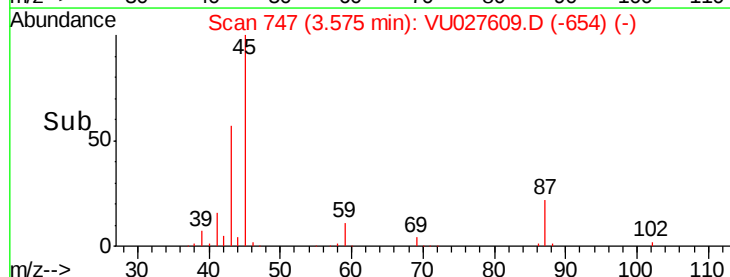


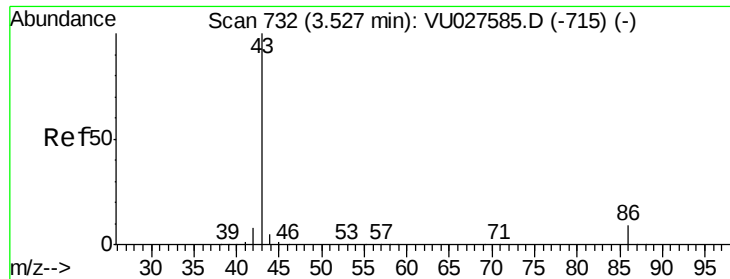
Abundance Ion 45.00 (44.70 to 45.70): VU027609.D (-654) (-)

Ion 43.00 (42.70 to 43.70): VU027609.D (-654) (-)

Ion 87.00 (86.70 to 87.70): VU027609.D (-654) (-)

Ion 59.00 (58.70 to 59.70): VU027609.D (-654) (-)

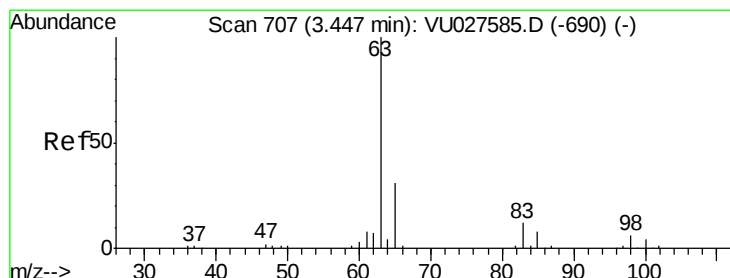
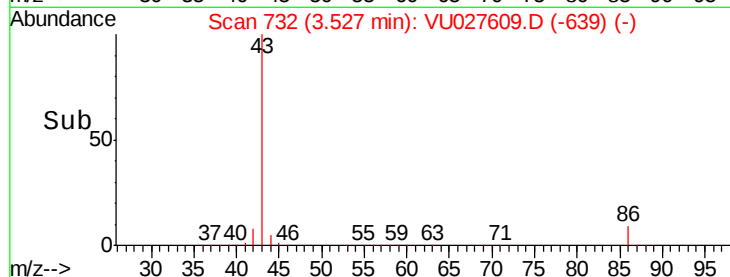
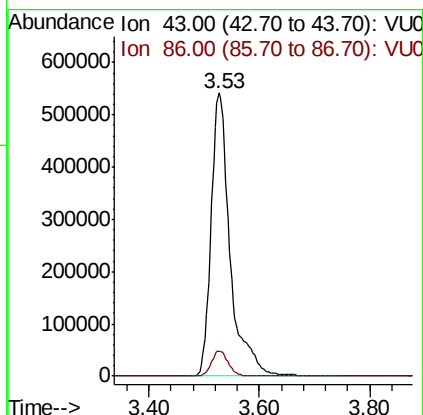
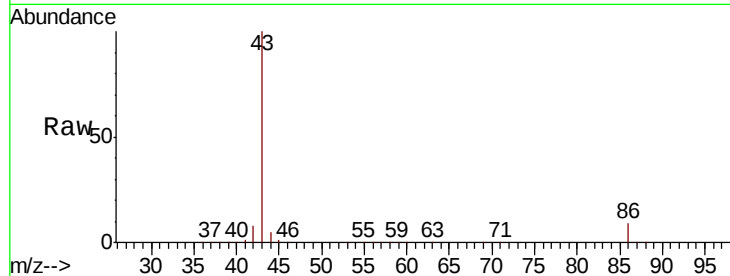




#23  
 Vinyl Acetate  
 Concen: 271.359 ug/l  
 RT: 3.53 min Scan# 732  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

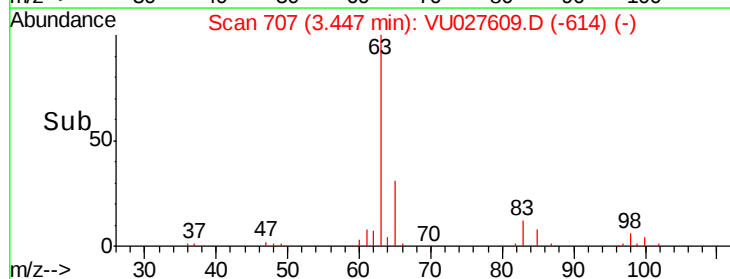
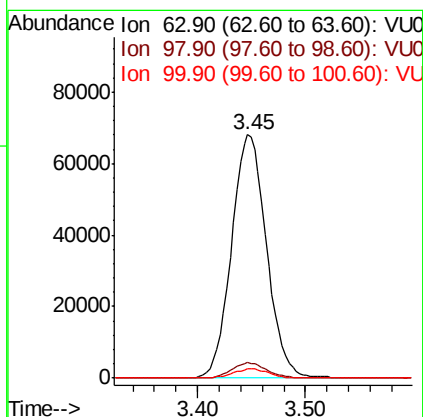
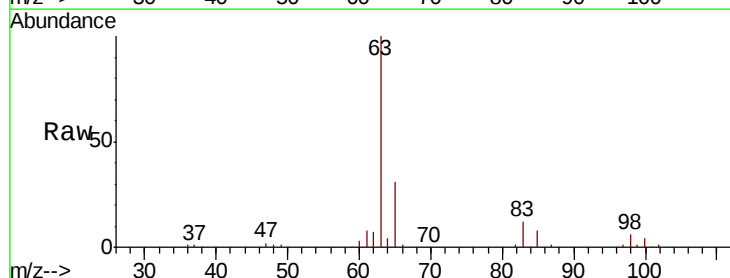
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

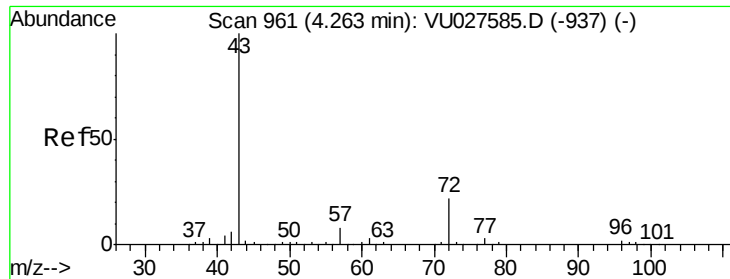
Tgt Ion: 43 Resp: 1297341  
 Ion Ratio Lower Upper  
 43 100  
 86 8.9 7.0 10.4



#24  
 1,1-Dichloroethane  
 Concen: 50.996 ug/l  
 RT: 3.45 min Scan# 707  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Tgt Ion: 63 Resp: 152610  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.0 9.2  
 100 3.7 1.8 5.5





#25

2-Butanone

Concen: 255.711 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Instrument :

MSVOA\_U

ClientSampleId :

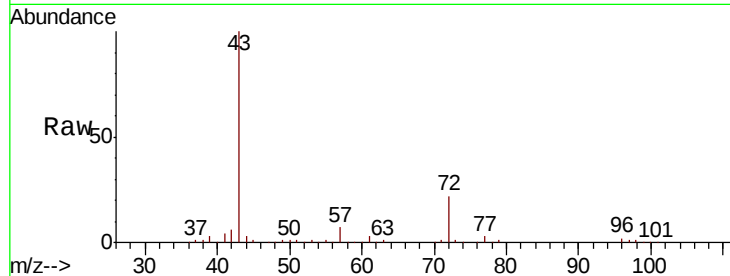
VSTDCCC050EC

Tgt Ion: 43 Resp: 405329

Ion Ratio Lower Upper

43 100

72 22.3 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.27

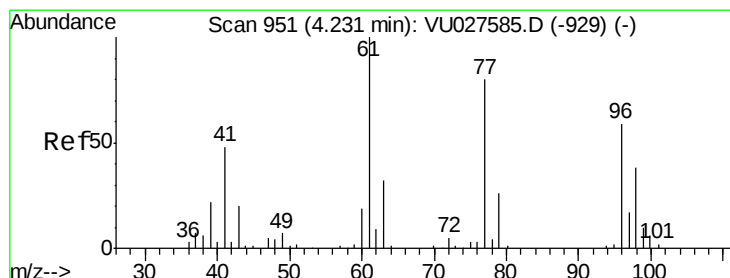
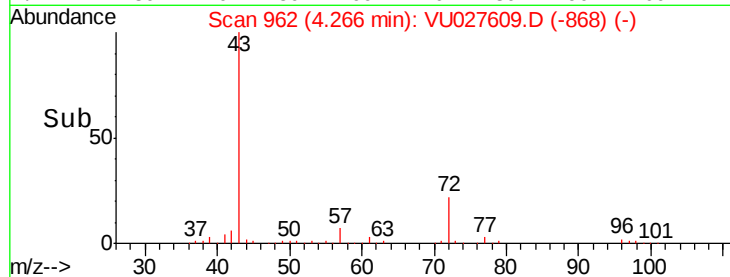
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.749 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027609.D

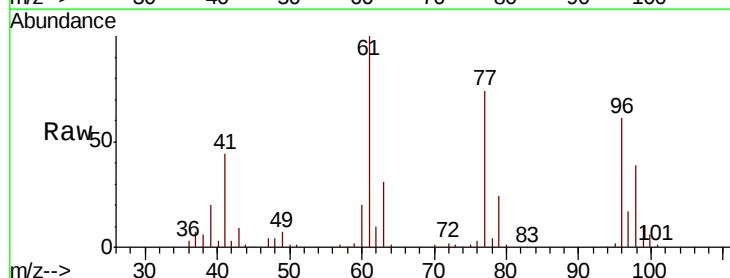
Acq: 11 Oct 2018 19:14

Tgt Ion: 77 Resp: 109727

Ion Ratio Lower Upper

77 100

97 21.3 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.23

40000

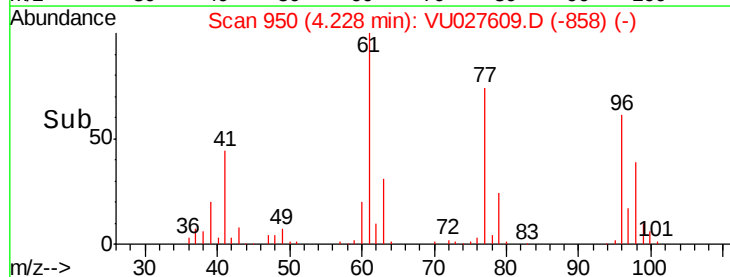
30000

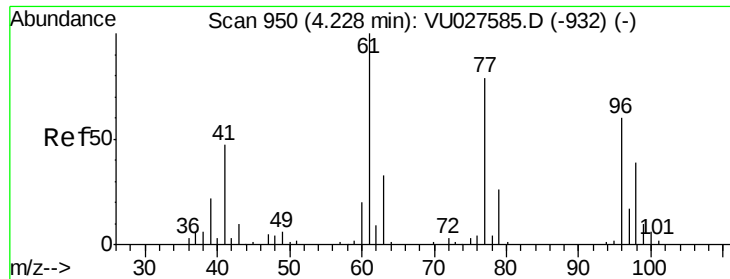
20000

10000

0

Time-->



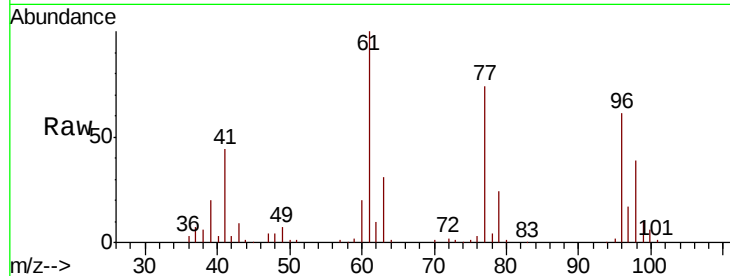


#27

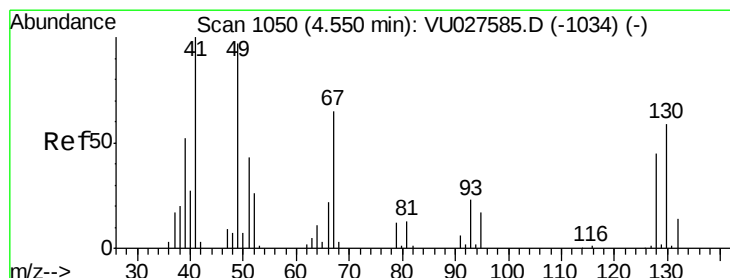
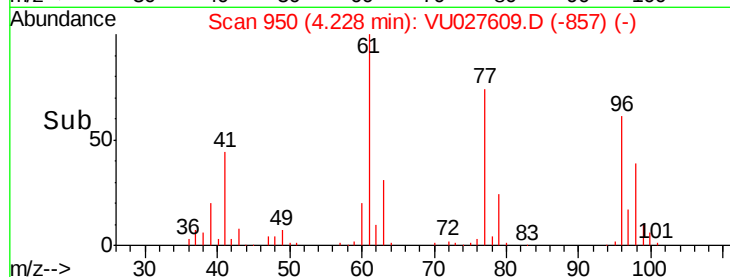
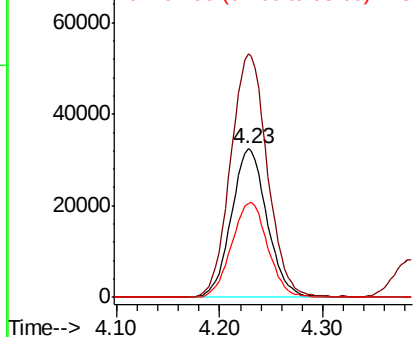
cis-1,2-Dichloroethene  
Concen: 52.210 ug/l  
RT: 4.23 min Scan# 950  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 96 Resp: 77843  
Ion Ratio Lower Upper  
96 100  
61 169.0 0.0 343.8  
98 64.7 0.0 129.0



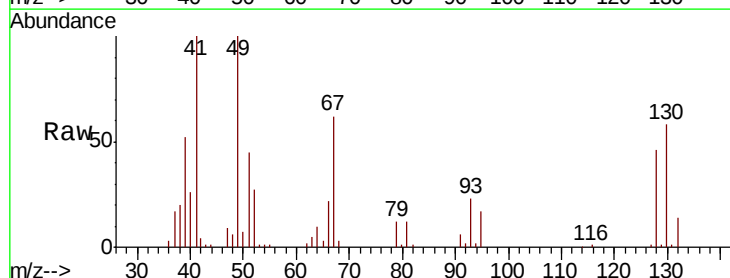
Abundance Ion 95.90 (95.60 to 96.60): VU0  
Ion 60.90 (60.60 to 61.60): VU0  
Ion 97.90 (97.60 to 98.60): VU0



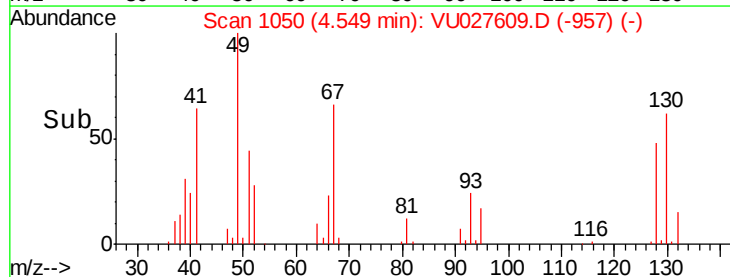
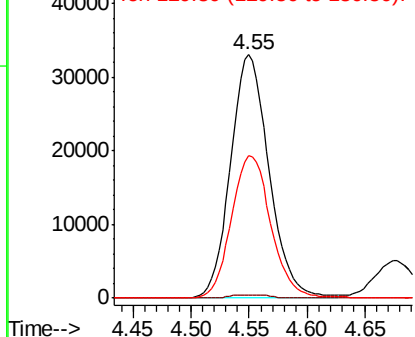
#28

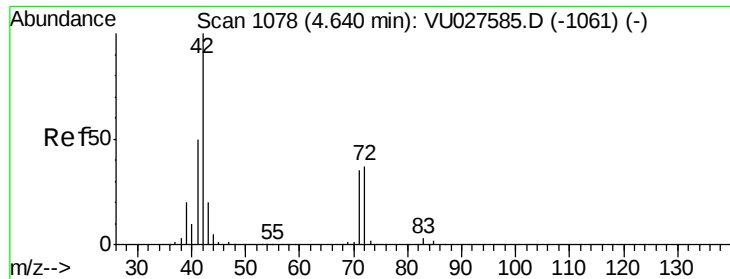
Bromochloromethane  
Concen: 51.748 ug/l  
RT: 4.55 min Scan# 1050  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Tgt Ion: 49 Resp: 76405  
Ion Ratio Lower Upper  
49 100  
129 1.4 0.0 3.0  
130 59.7 46.1 69.1



Abundance Ion 48.90 (48.60 to 49.60): VU0  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 263.742 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

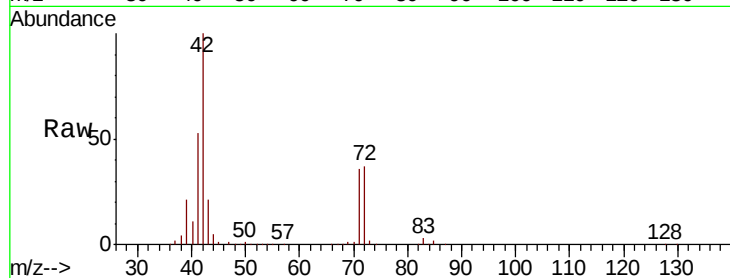
Tgt Ion: 42 Resp: 262179

Ion Ratio Lower Upper

42 100

72 38.3 30.1 45.1

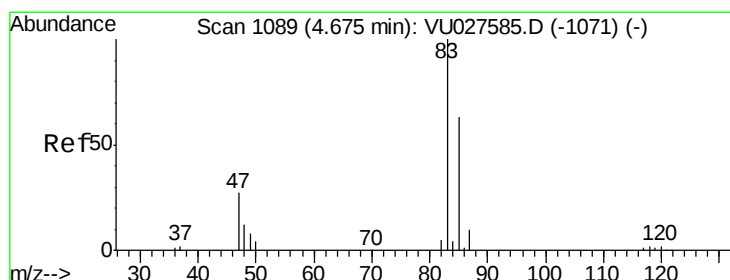
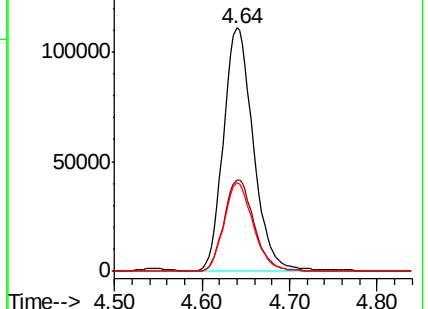
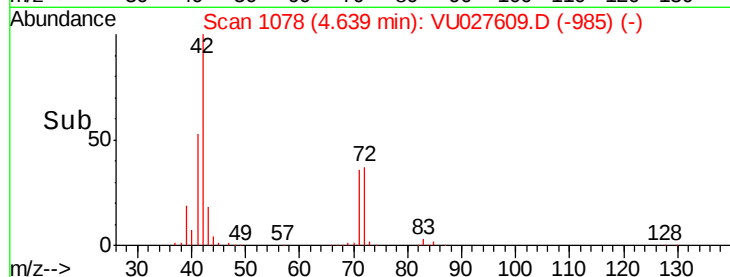
71 35.8 27.7 41.5



Abundance Ion 42.00 (41.70 to 42.70): VU027609.D (-985) (-)

Ion 72.00 (71.70 to 72.70): VU027609.D (-985) (-)

Ion 71.00 (70.70 to 71.70): VU027609.D (-985) (-)



#30

Chloroform

Concen: 51.146 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU027609.D

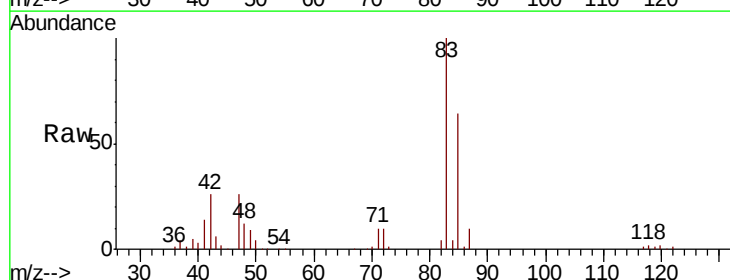
Acq: 11 Oct 2018 19:14

Tgt Ion: 83 Resp: 136077

Ion Ratio Lower Upper

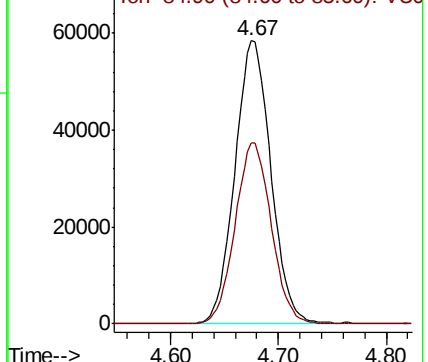
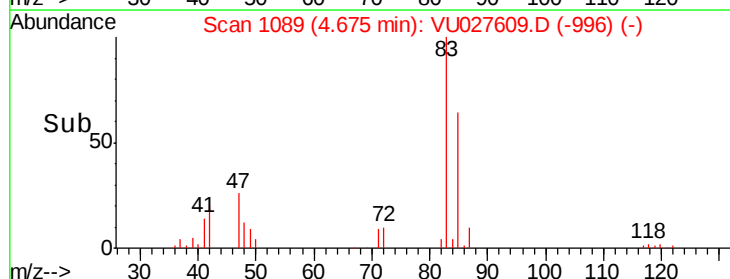
83 100

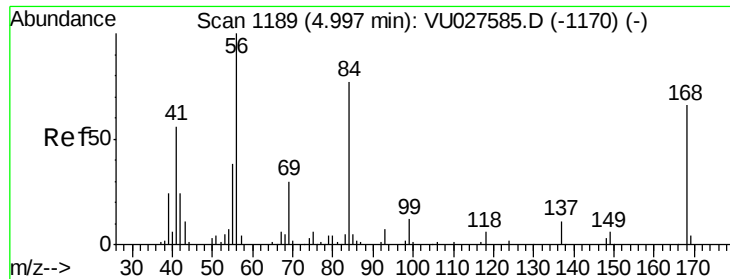
85 63.9 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VU027609.D (-996) (-)

Ion 84.90 (84.60 to 85.60): VU027609.D (-996) (-)

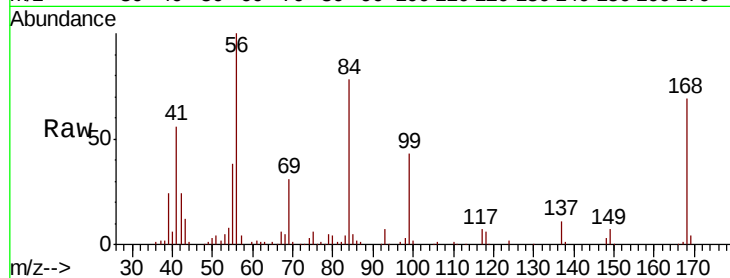




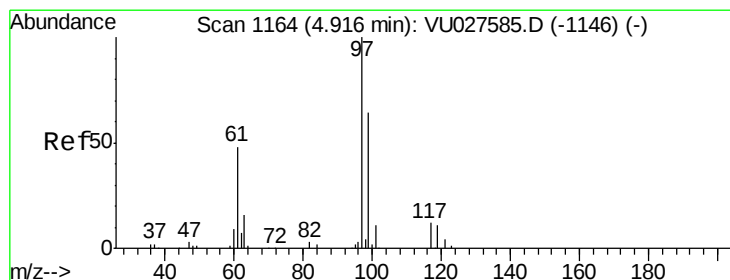
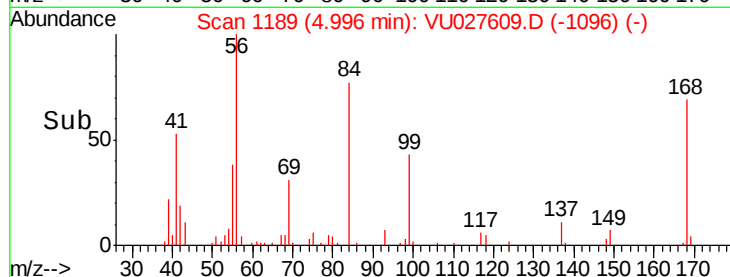
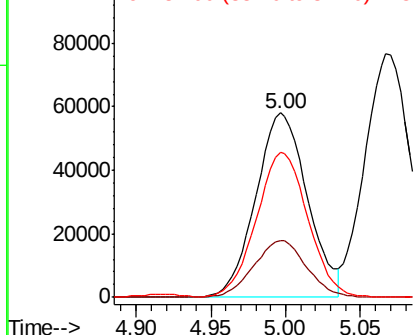
#31  
Cyclohexane  
Concen: 49.030 ug/l  
RT: 5.00 min Scan# 1189  
Delta R.T. 0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 56 Resp: 139477  
Ion Ratio Lower Upper  
56 100  
69 30.9 24.1 36.1  
84 77.8 59.1 88.7

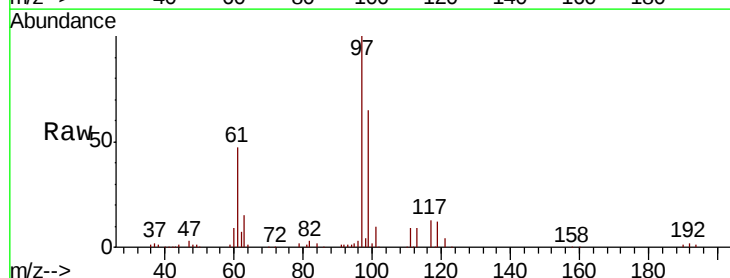


Abundance Ion 56.00 (55.70 to 56.70): VU0  
Ion 69.00 (68.70 to 69.70): VU0  
Ion 84.00 (83.70 to 84.70): VU0

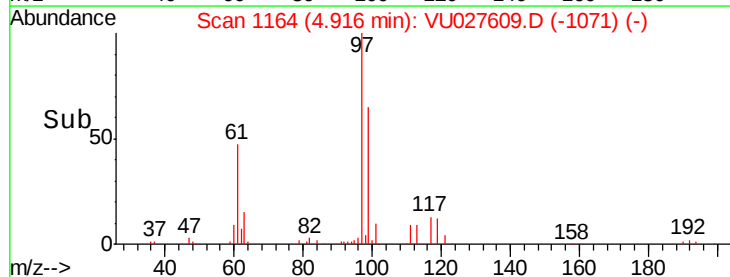
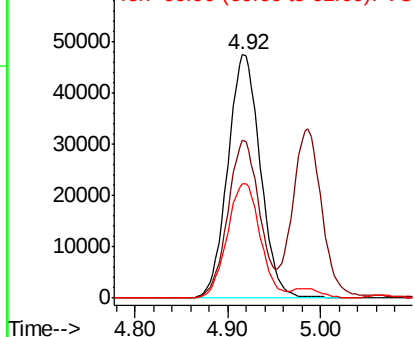


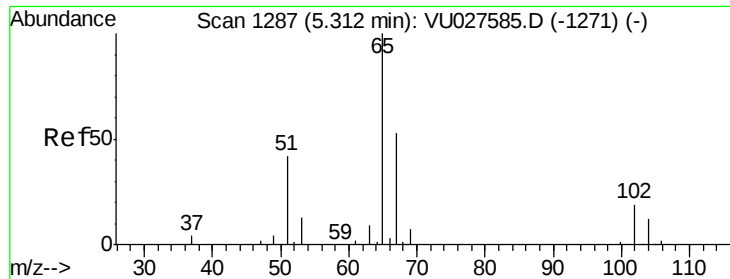
#32  
1,1,1-Trichloroethane  
Concen: 51.446 ug/l  
RT: 4.92 min Scan# 1164  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Tgt Ion: 97 Resp: 115458  
Ion Ratio Lower Upper  
97 100  
99 63.1 51.1 76.7  
61 47.8 39.6 59.4



Abundance Ion 96.90 (96.60 to 97.60): VU0  
Ion 98.90 (98.60 to 99.60): VU0  
Ion 60.90 (60.60 to 61.60): VU0

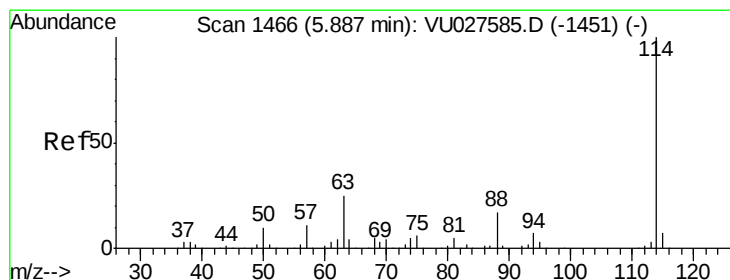
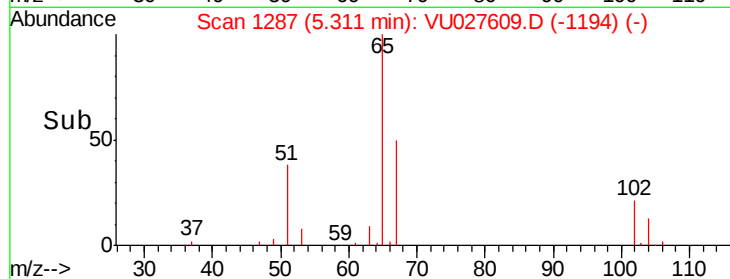
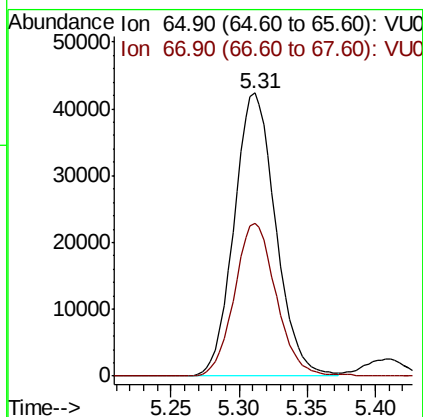
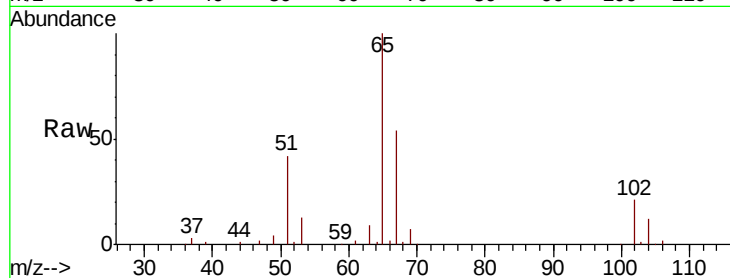




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.867 ug/l  
 RT: 5.31 min Scan# 1287  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

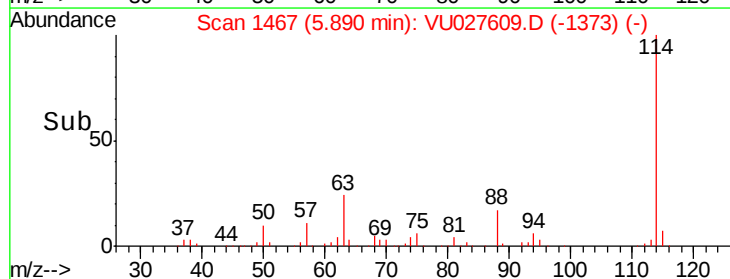
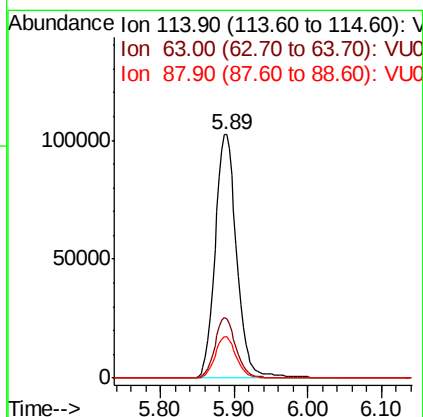
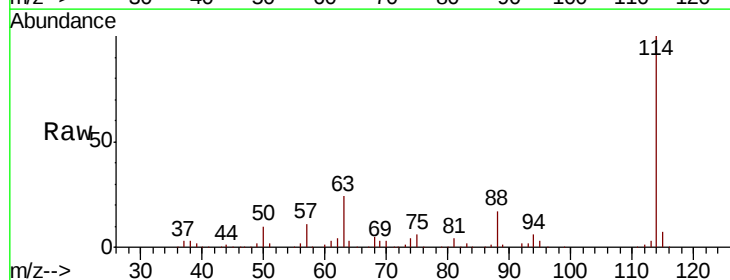
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

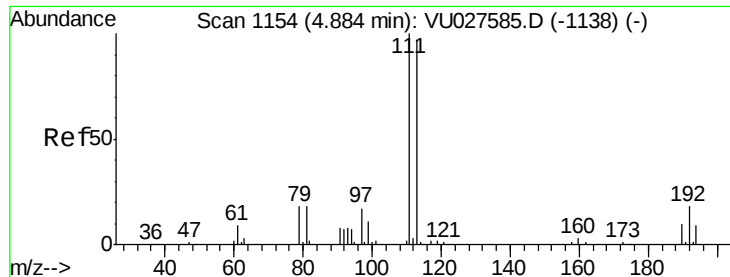
Tgt Ion: 65 Resp: 89665  
 Ion Ratio Lower Upper  
 65 100  
 67 54.1 0.0 107.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.89 min Scan# 1467  
 Delta R.T. 0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Tgt Ion: 114 Resp: 208006  
 Ion Ratio Lower Upper  
 114 100  
 63 24.4 0.0 50.2  
 88 16.9 0.0 33.8

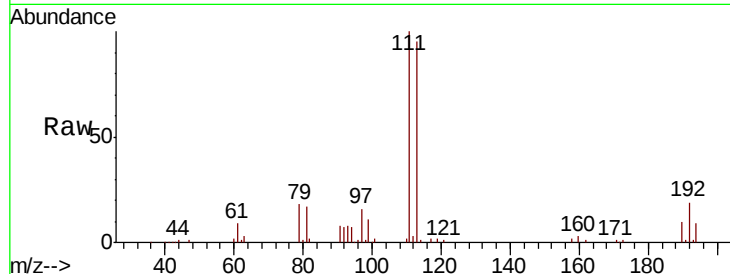




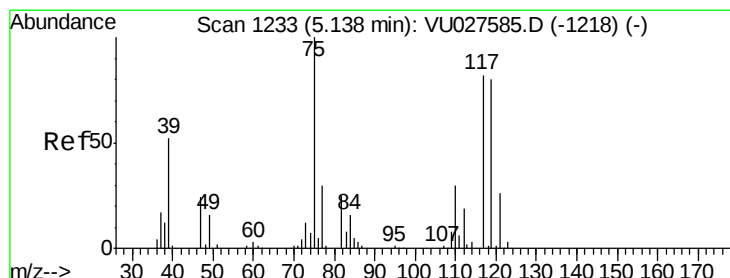
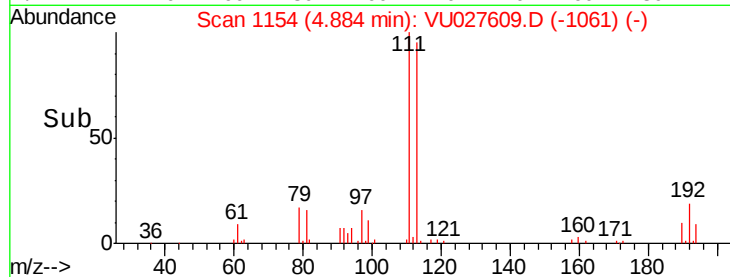
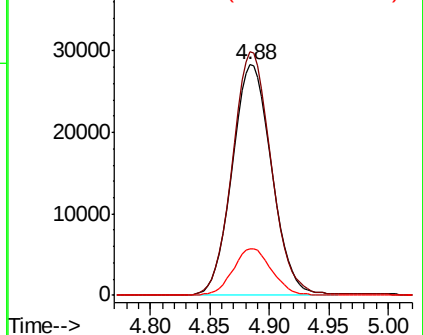
#35  
 Dibromofluoromethane  
 Concen: 47.448 ug/l  
 RT: 4.88 min Scan# 1154  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:113 Resp: 65296  
 Ion Ratio Lower Upper  
 113 100  
 111 103.5 83.1 124.7  
 192 19.7 15.4 23.0

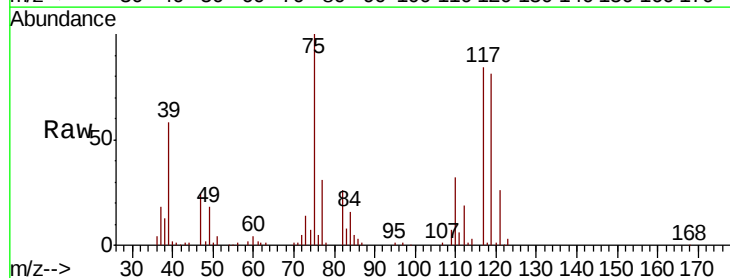


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

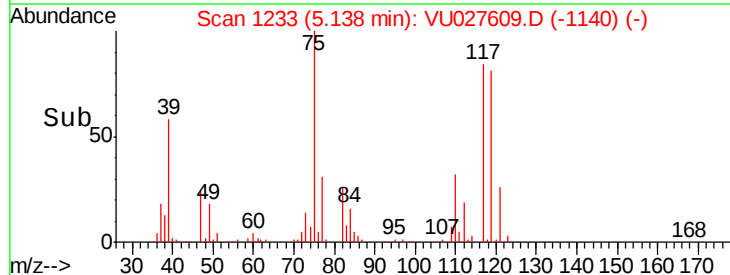
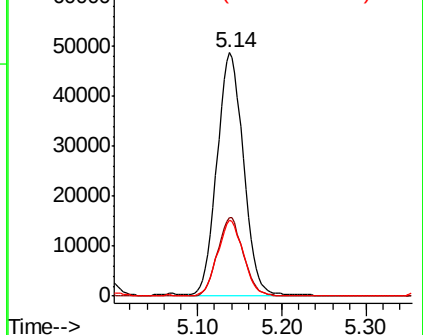


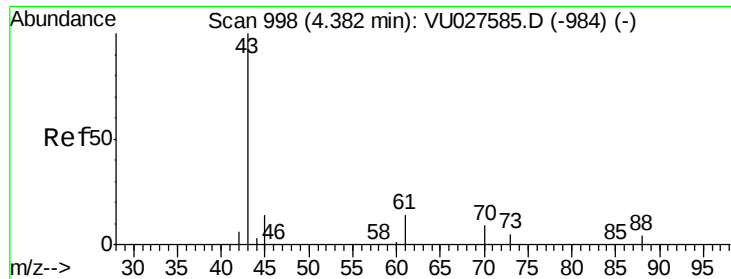
#36  
 1,1-Dichloropropene  
 Concen: 50.810 ug/l  
 RT: 5.14 min Scan# 1233  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Tgt Ion: 75 Resp: 107367  
 Ion Ratio Lower Upper  
 75 100  
 110 31.3 15.5 46.5  
 77 30.4 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VU0  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VU0

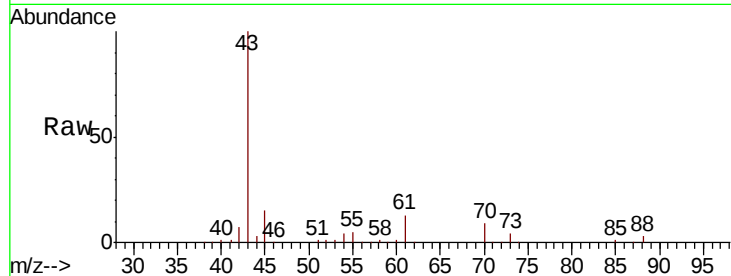




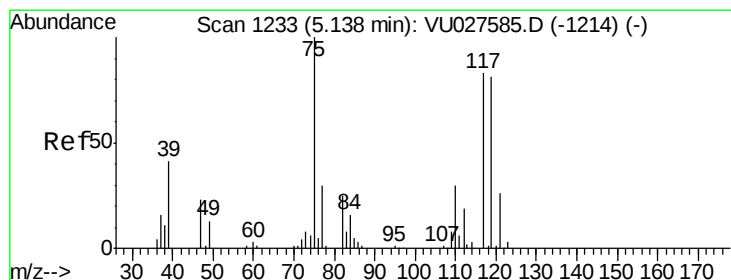
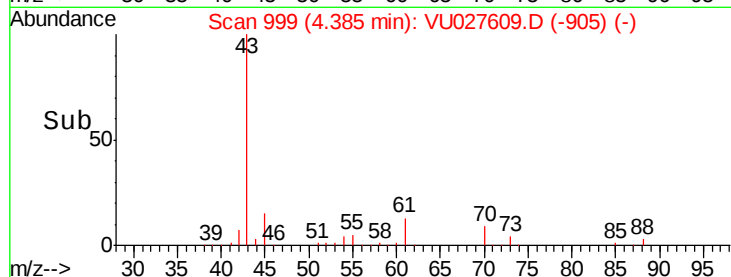
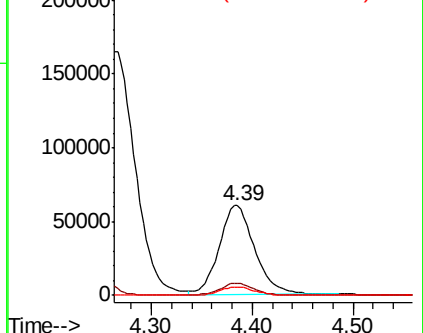
#37  
Ethyl Acetate  
Concen: 48.964 ug/l  
RT: 4.39 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 148415  
Ion Ratio Lower Upper  
43 100  
61 13.1 10.7 16.1  
70 9.3 7.4 11.2

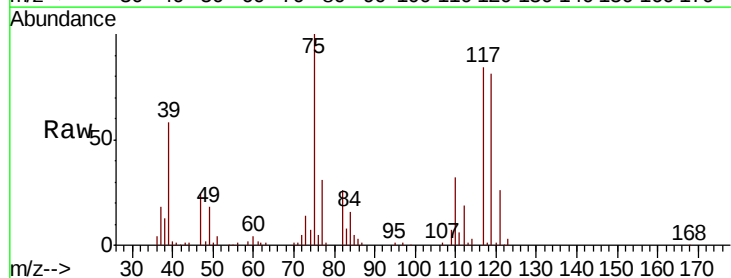


Abundance Ion 43.00 (42.70 to 43.70): VU0  
Ion 60.90 (60.60 to 61.60): VU0  
Ion 70.00 (69.70 to 70.70): VU0

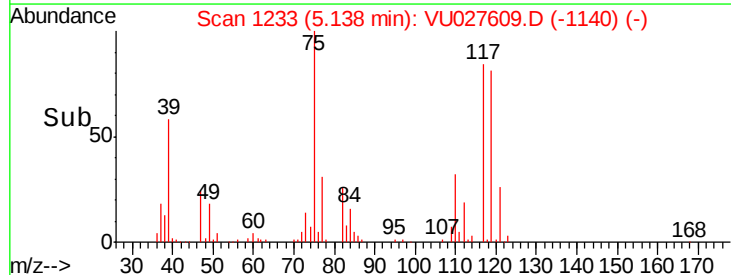
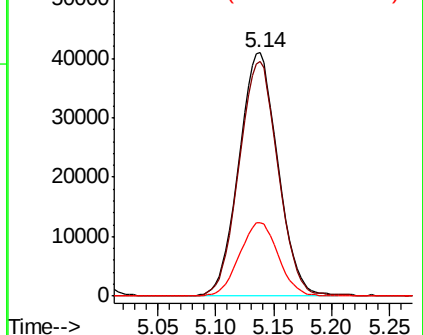


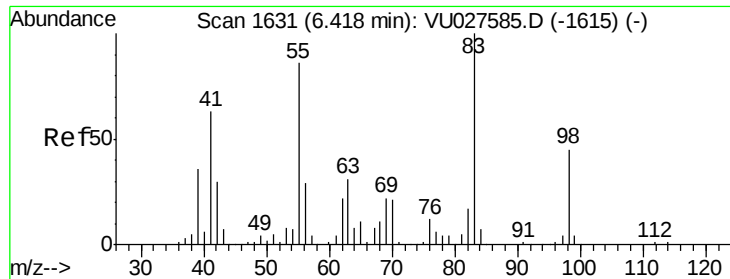
#38  
Carbon Tetrachloride  
Concen: 49.204 ug/l  
RT: 5.14 min Scan# 1233  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Tgt Ion: 117 Resp: 95851  
Ion Ratio Lower Upper  
117 100  
119 96.6 74.5 111.7  
121 30.4 24.6 37.0



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

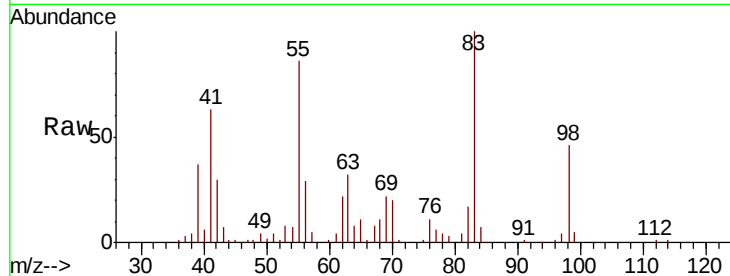




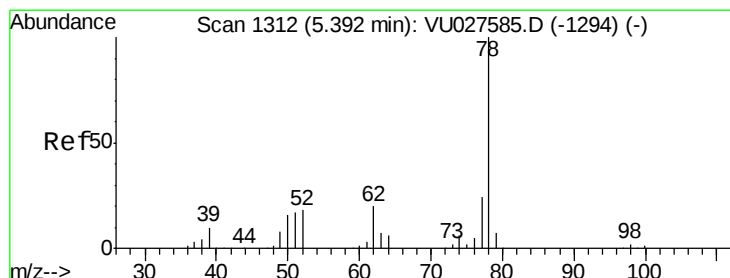
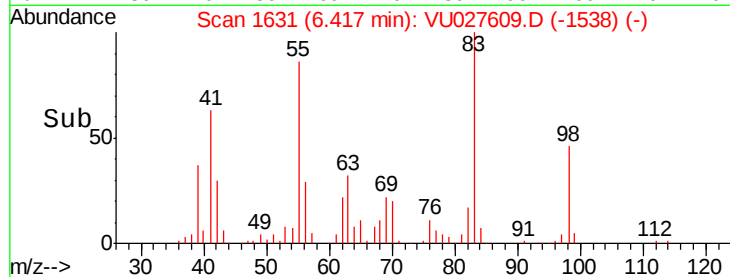
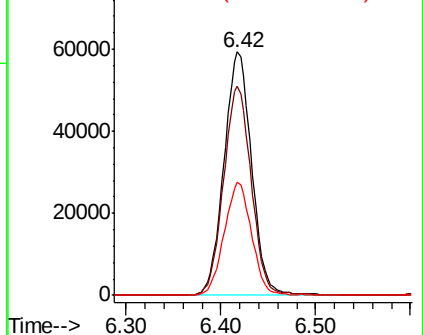
#39  
Methylcyclohexane  
Concen: 50.531 ug/l  
RT: 6.42 min Scan# 1631  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 120447  
Ion Ratio Lower Upper  
83 100  
55 85.7 71.1 106.7  
98 46.3 36.3 54.5

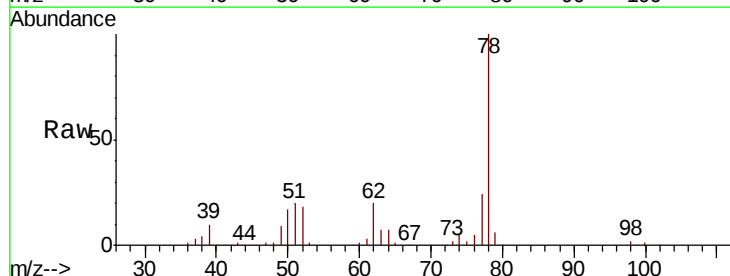


Abundance Ion 83.00 (82.70 to 83.70): VU0  
Ion 55.00 (54.70 to 55.70): VU0  
Ion 98.00 (97.70 to 98.70): VU0

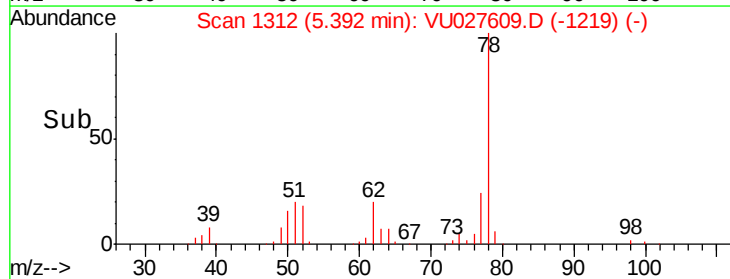
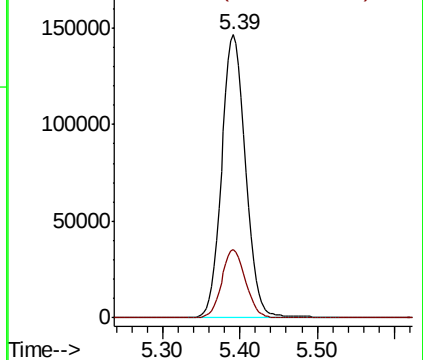


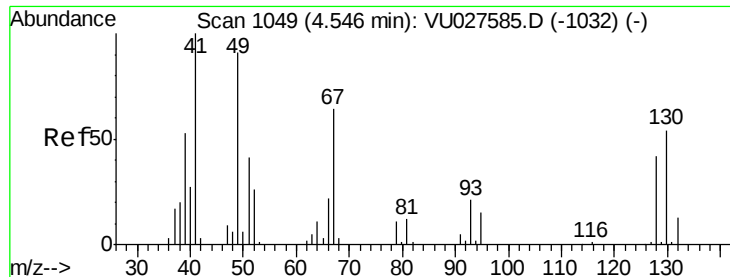
#40  
Benzene  
Concen: 49.343 ug/l  
RT: 5.39 min Scan# 1312  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Tgt Ion: 78 Resp: 315280  
Ion Ratio Lower Upper  
78 100  
77 24.3 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0  
Ion 77.00 (76.70 to 77.70): VU0

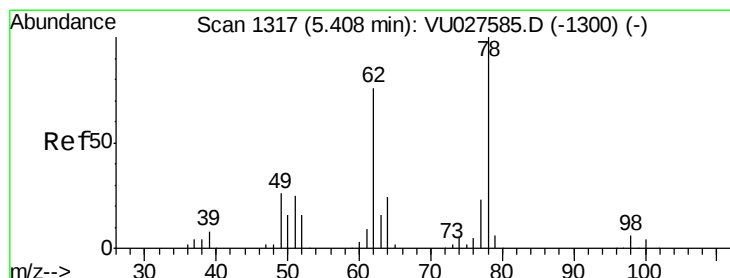
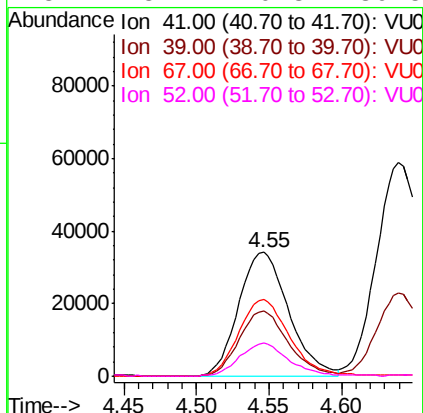
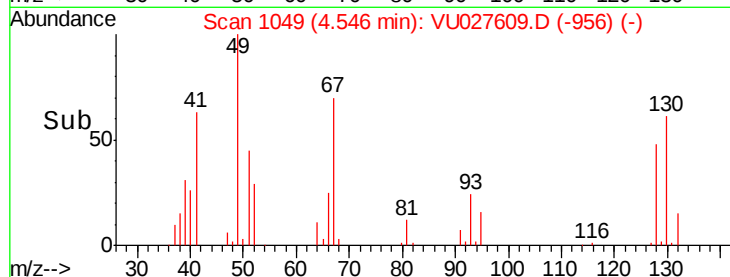
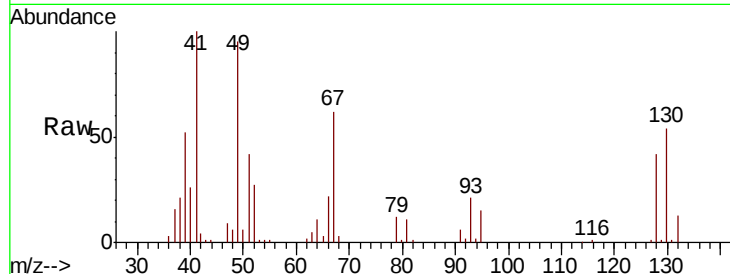




#41  
Methacrylonitrile  
Concen: 48.843 ug/l  
RT: 4.55 min Scan# 1049  
Delta R.T. 0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

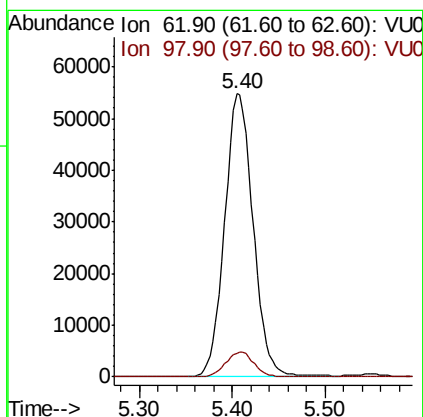
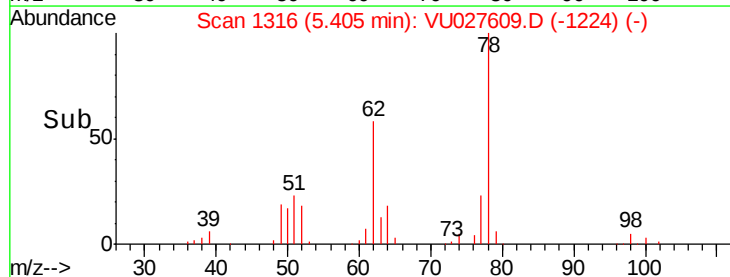
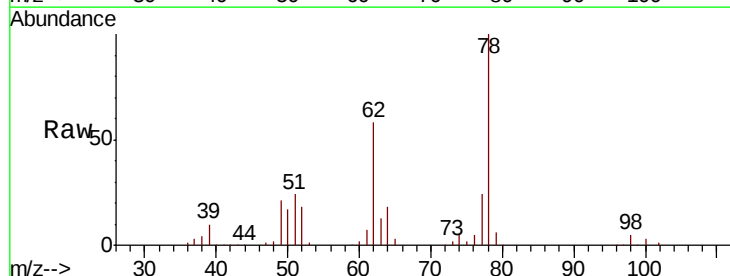
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

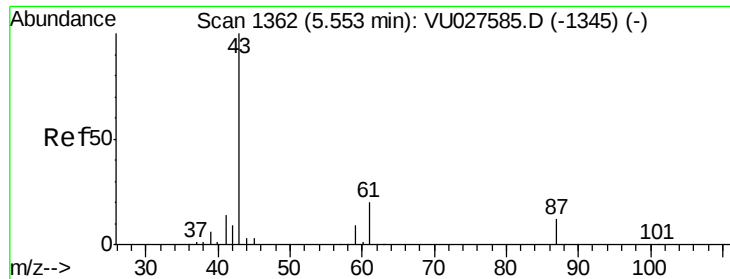
Tgt Ion: 41 Resp: 82237  
Ion Ratio Lower Upper  
41 100  
39 51.9 41.1 61.7  
67 62.9 50.4 75.6  
52 25.7 20.3 30.5



#42  
1,2-Dichloroethane  
Concen: 49.510 ug/l  
RT: 5.40 min Scan# 1316  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Tgt Ion: 62 Resp: 116935  
Ion Ratio Lower Upper  
62 100  
98 8.7 0.0 16.8





#43

Isopropyl Acetate

Concen: 51.889 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

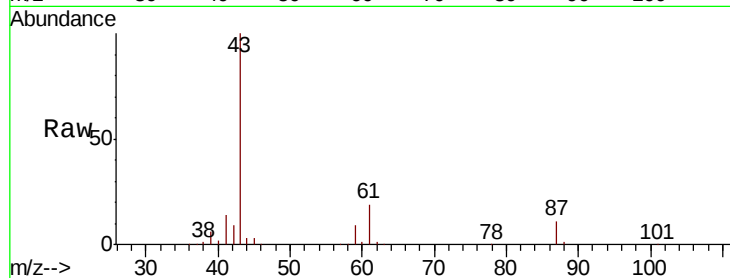
Tgt Ion: 43 Resp: 227652

Ion Ratio Lower Upper

43 100

61 19.5 15.3 22.9

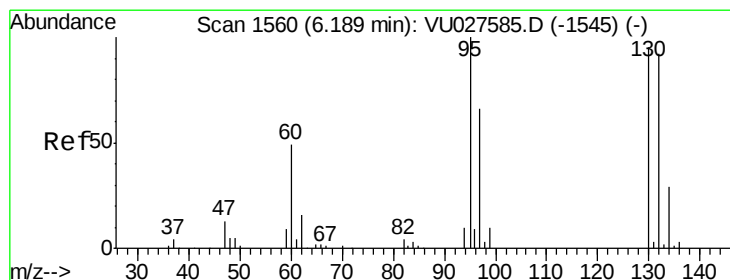
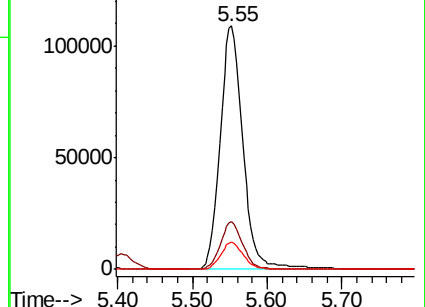
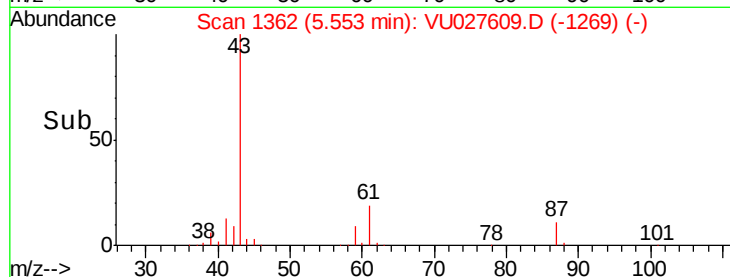
87 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU027609.D (-1269) (-)

Ion 61.00 (60.70 to 61.70): VU027609.D (-1269) (-)

Ion 87.00 (86.70 to 87.70): VU027609.D (-1269) (-)



#44

Trichloroethene

Concen: 49.804 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027609.D

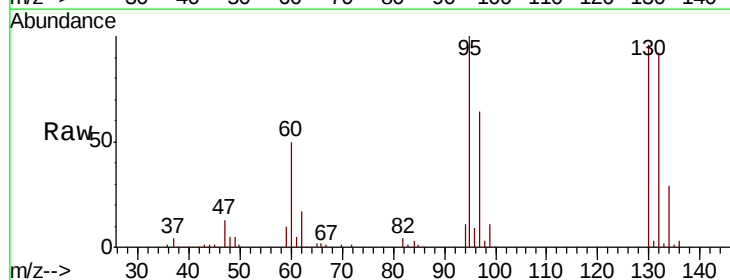
Acq: 11 Oct 2018 19:14

Tgt Ion: 130 Resp: 70233

Ion Ratio Lower Upper

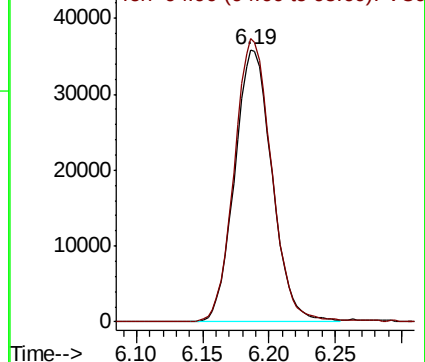
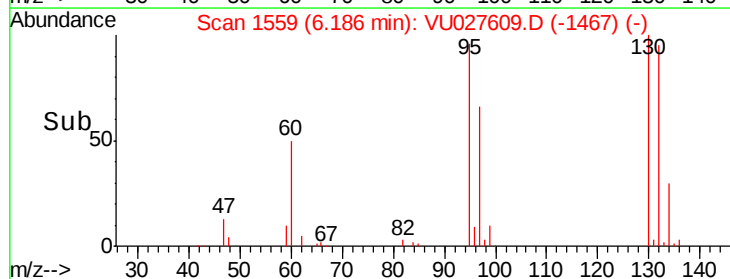
130 100

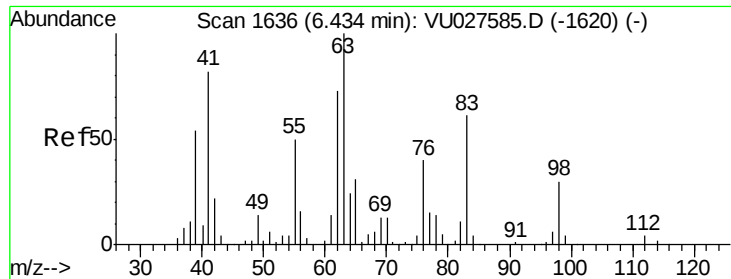
95 104.1 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VU027609.D (-1467) (-)

Ion 94.90 (94.60 to 95.60): VU027609.D (-1467) (-)

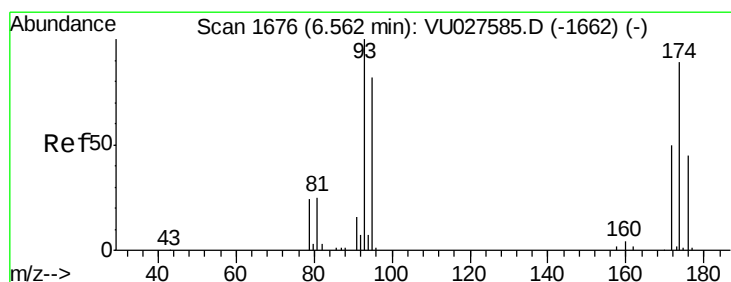
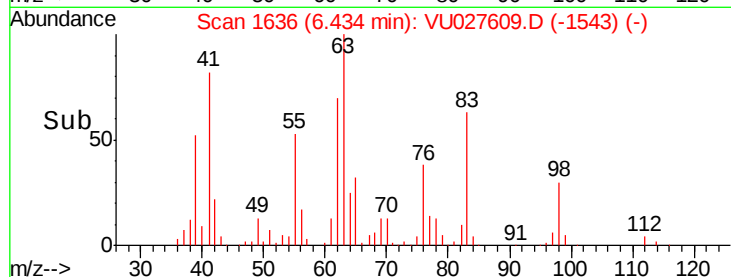
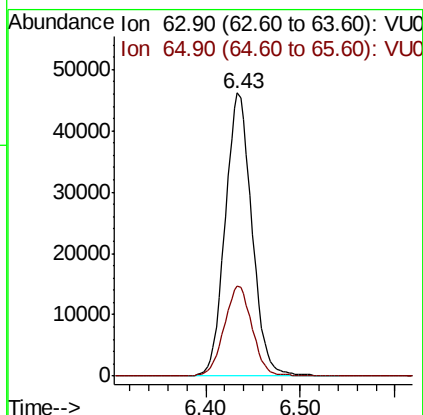
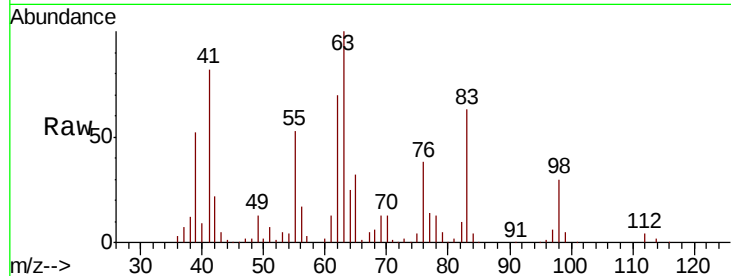




#45  
 1,2-Dichloropropane  
 Concen: 49.870 ug/l  
 RT: 6.43 min Scan# 1636  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

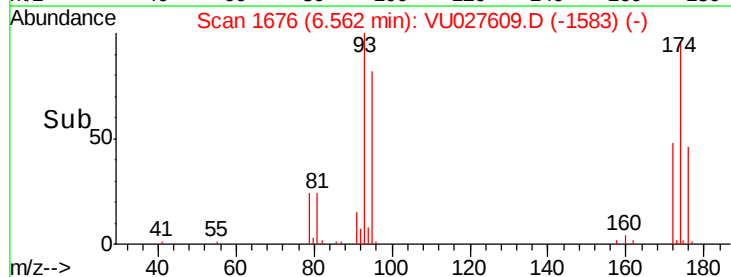
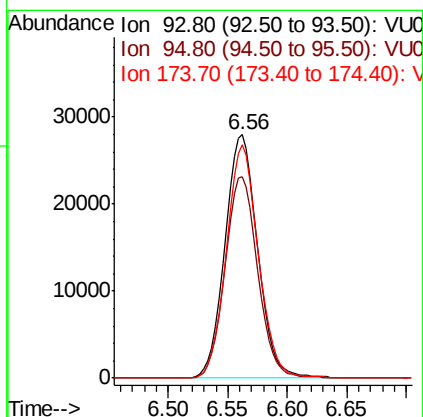
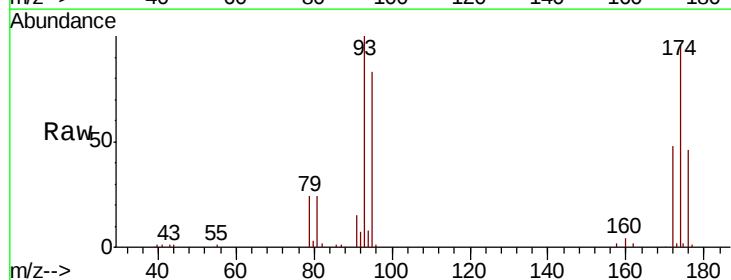
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

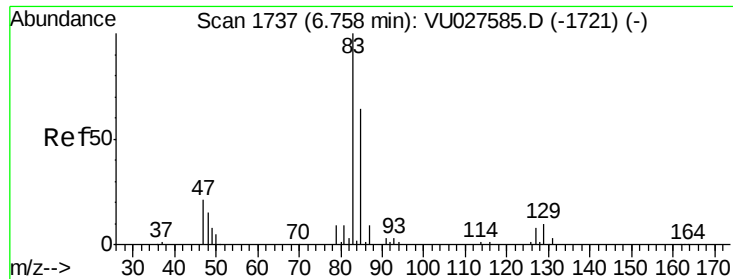
Tgt Ion: 63 Resp: 90679  
 Ion Ratio Lower Upper  
 63 100  
 65 31.8 26.0 39.0



#46  
 Dibromomethane  
 Concen: 49.710 ug/l  
 RT: 6.56 min Scan# 1676  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Tgt Ion: 93 Resp: 53203  
 Ion Ratio Lower Upper  
 93 100  
 95 82.5 66.5 99.7  
 174 93.9 72.5 108.7





#47

Bromodichloromethane

Concen: 49.976 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

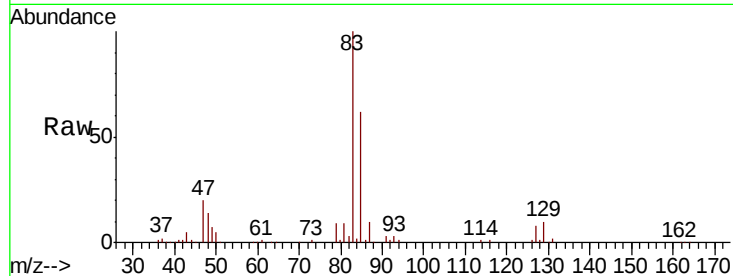
Tgt Ion: 83 Resp: 107599

Ion Ratio Lower Upper

83 100

85 61.9 51.4 77.0

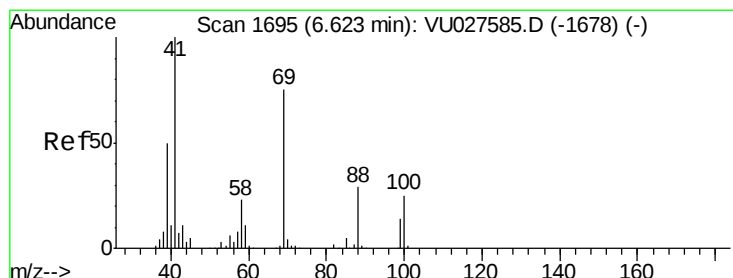
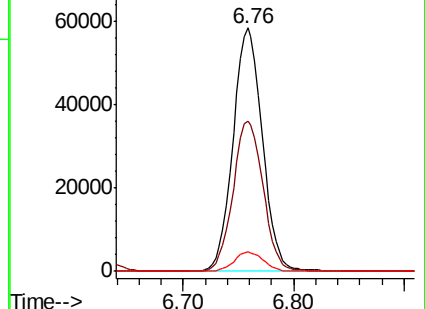
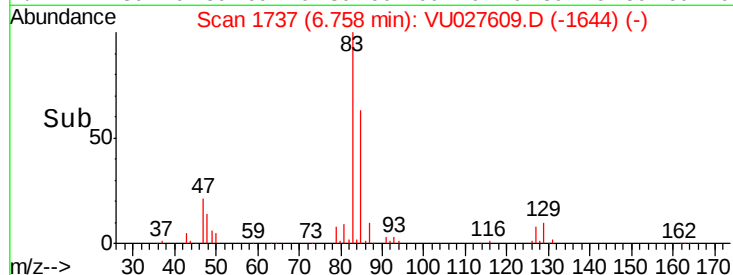
127 7.9 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU027609.D (-1644) (-)

Ion 84.90 (84.60 to 85.60): VU027609.D (-1644) (-)

Ion 126.80 (126.50 to 127.50): VU027609.D (-1644) (-)



#48

Methyl methacrylate

Concen: 47.529 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

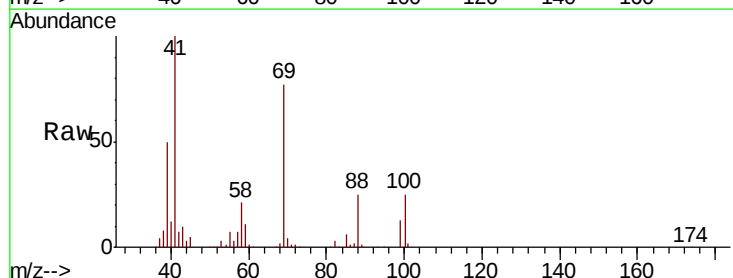
Tgt Ion: 41 Resp: 114122

Ion Ratio Lower Upper

41 100

69 77.6 61.0 91.4

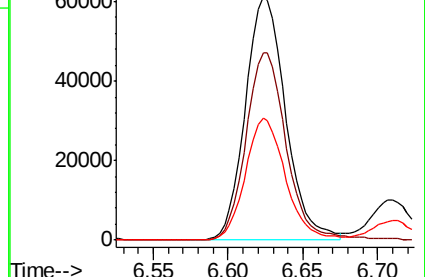
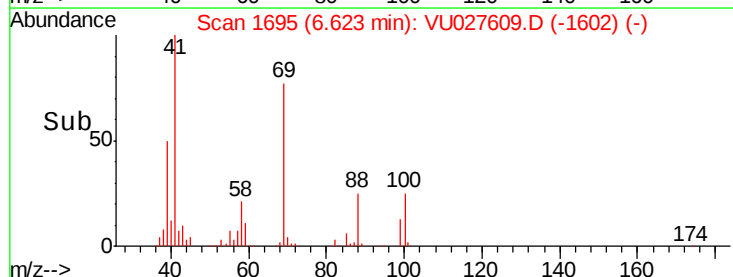
39 50.3 39.9 59.9

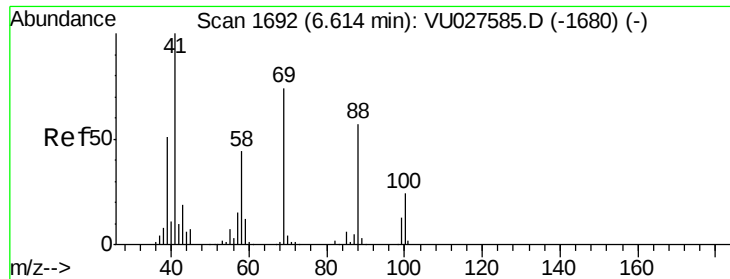


Abundance Ion 41.00 (40.70 to 41.70): VU027609.D (-1602) (-)

Ion 69.00 (68.70 to 69.70): VU027609.D (-1602) (-)

Ion 39.00 (38.70 to 39.70): VU027609.D (-1602) (-)

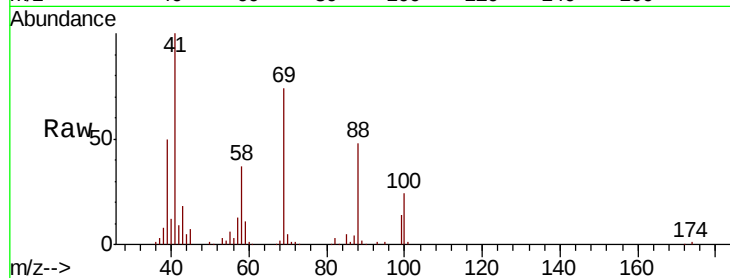




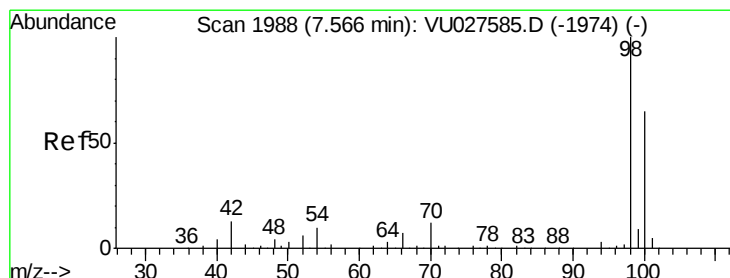
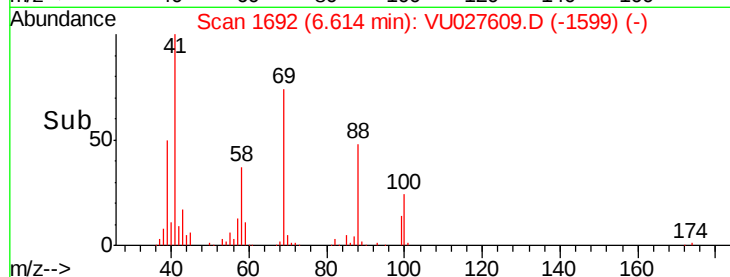
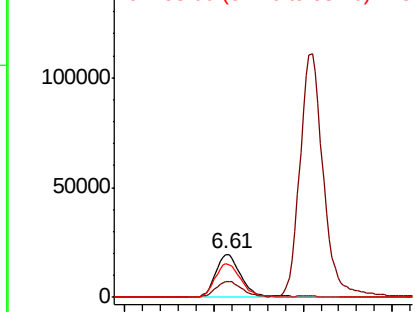
#49  
1,4-Dioxane  
Concen: 936.254 ug/l  
RT: 6.61 min Scan# 1692  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 88 Resp: 39301  
Ion Ratio Lower Upper  
88 100  
43 36.7 30.8 46.2  
58 79.8 67.0 100.6

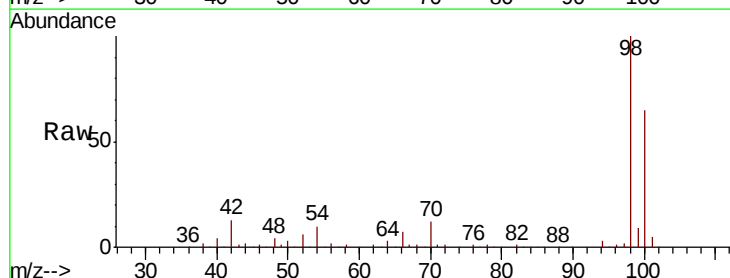


Abundance Ion 88.00 (87.70 to 88.70): VU0  
Ion 43.00 (42.70 to 43.70): VU0  
Ion 58.00 (57.70 to 58.70): VU0

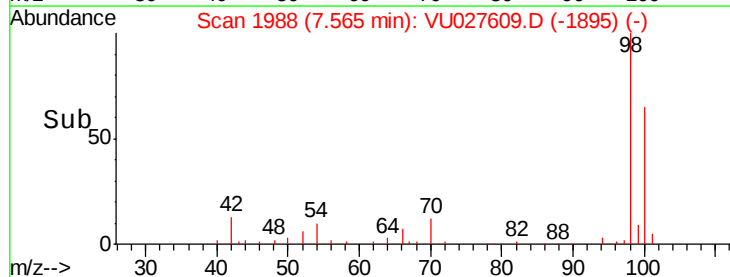
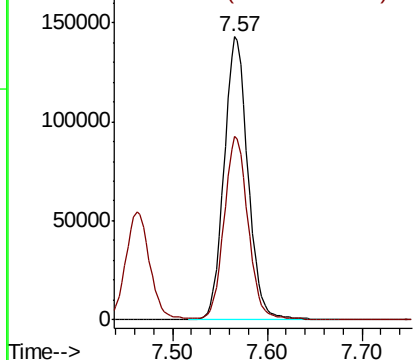


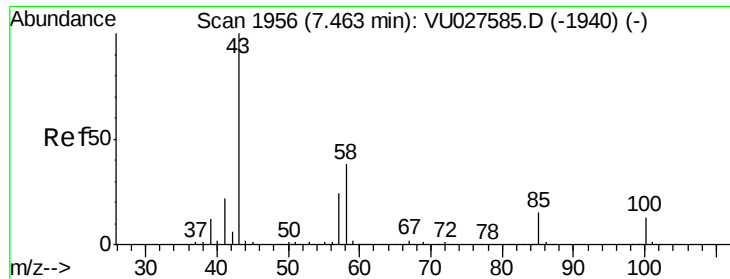
#50  
Toluene-d8  
Concen: 47.894 ug/l  
RT: 7.57 min Scan# 1988  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Tgt Ion: 98 Resp: 250987  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0  
Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 256.403 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Instrument :

MSVOA\_U

ClientSampleId :

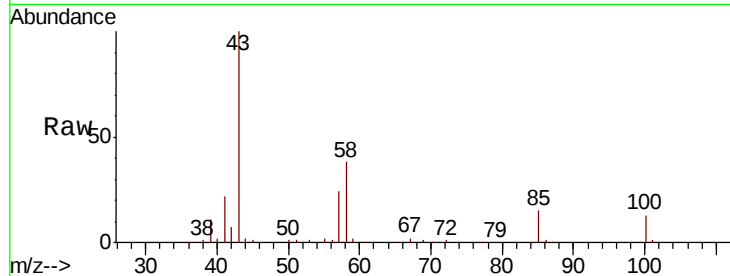
VSTDCCC050EC

Tgt Ion: 43 Resp: 756244

Ion Ratio Lower Upper

43 100

58 37.8 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU027585.D (-1940) (-)

Ion 58.00 (57.70 to 58.70): VU027585.D (-1940) (-)

7.46

400000

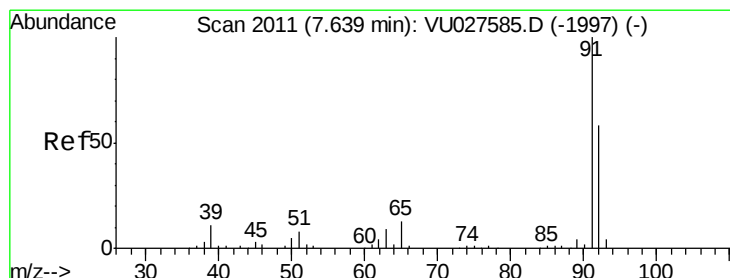
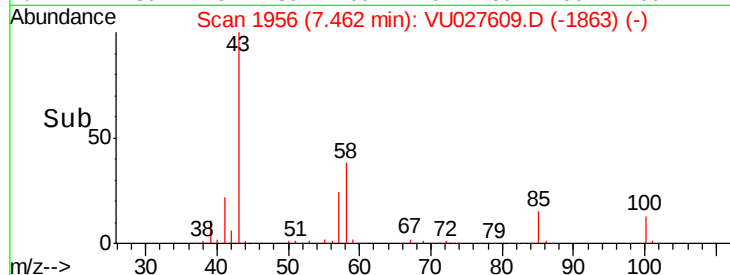
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.823 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027609.D

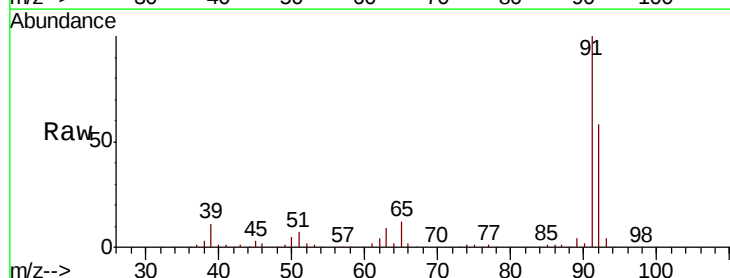
Acq: 11 Oct 2018 19:14

Tgt Ion: 92 Resp: 185769

Ion Ratio Lower Upper

92 100

91 172.7 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU027585.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU027585.D (-1997) (-)

7.64

200000

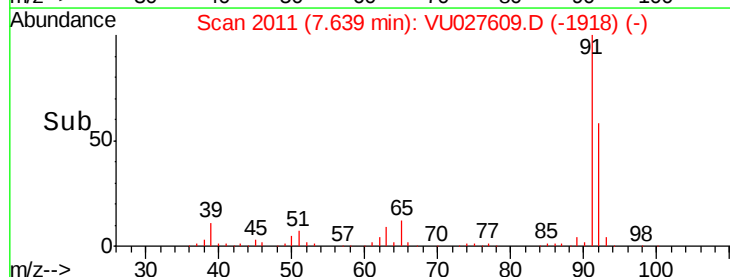
150000

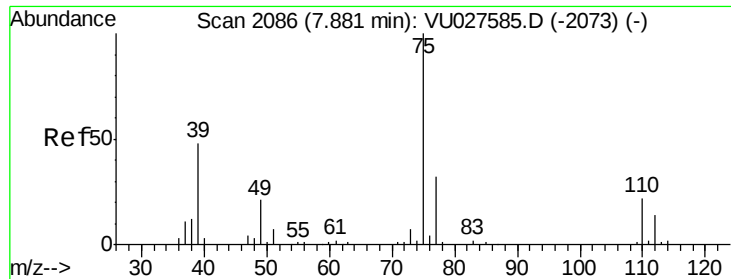
100000

50000

0

Time-->

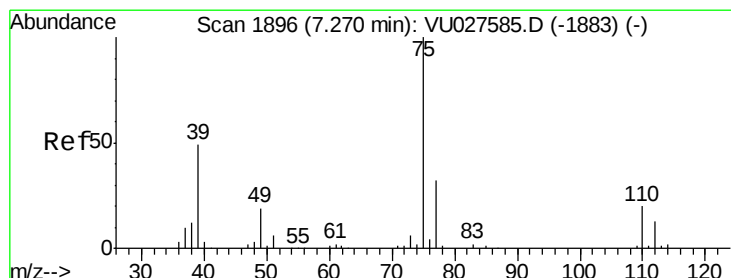
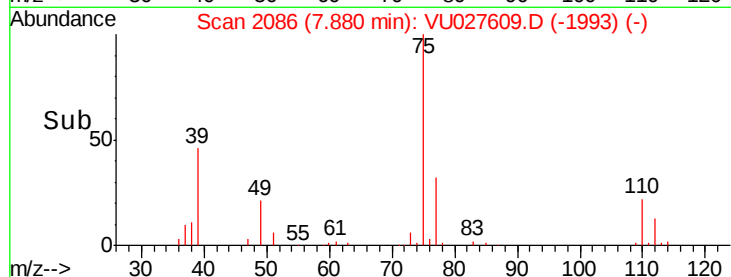
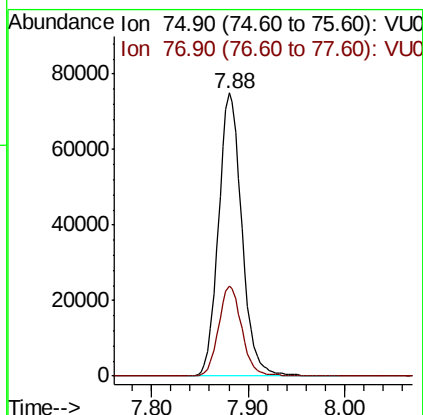
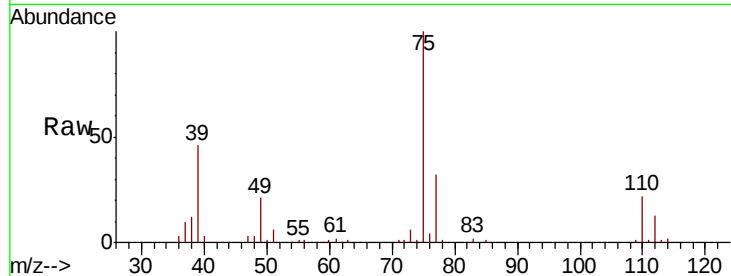




#53  
t-1,3-Dichloropropene  
Concen: 51.244 ug/l  
RT: 7.88 min Scan# 2086  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

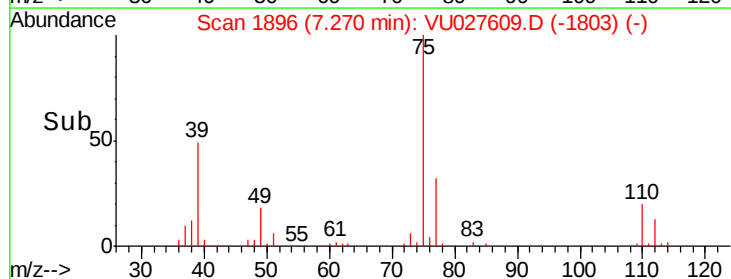
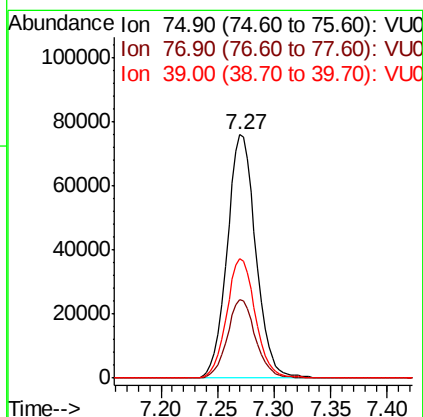
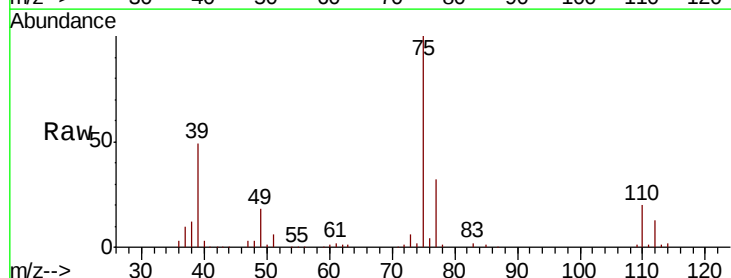
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

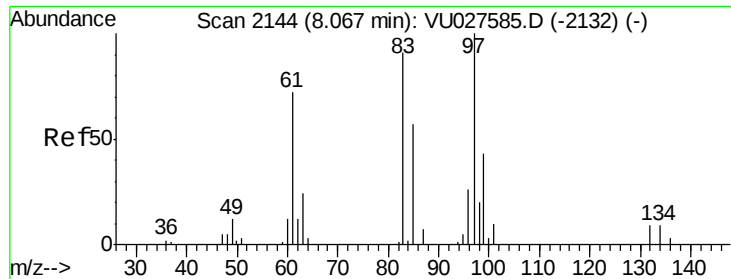
Tgt Ion: 75 Resp: 125607  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.0 37.6



#54  
cis-1,3-Dichloropropene  
Concen: 50.035 ug/l  
RT: 7.27 min Scan# 1896  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Tgt Ion: 75 Resp: 133459  
Ion Ratio Lower Upper  
75 100  
77 32.4 24.5 36.7  
39 49.1 40.1 60.1

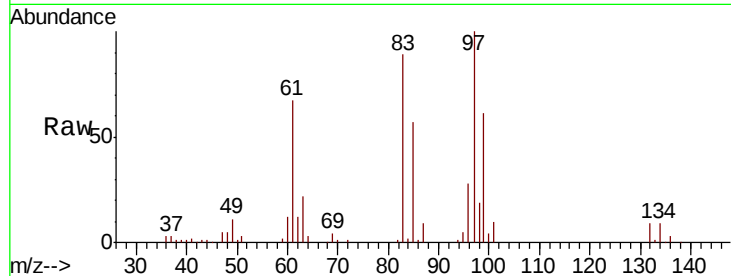




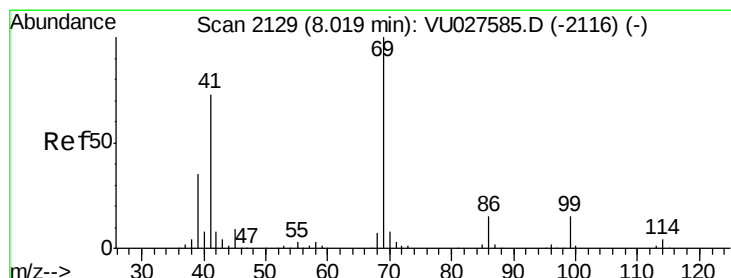
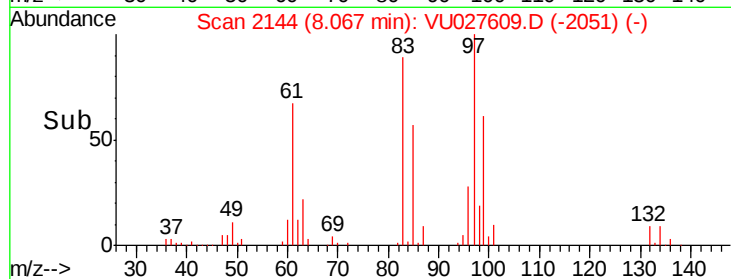
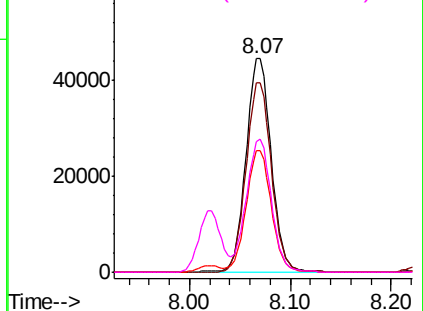
#55  
 1,1,2-Trichloroethane  
 Concen: 50.741 ug/l  
 RT: 8.07 min Scan# 2144  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 97 Resp: 76531  
 Ion Ratio Lower Upper  
 97 100  
 83 88.8 73.0 109.6  
 85 56.8 47.3 70.9  
 99 61.3 49.7 74.5

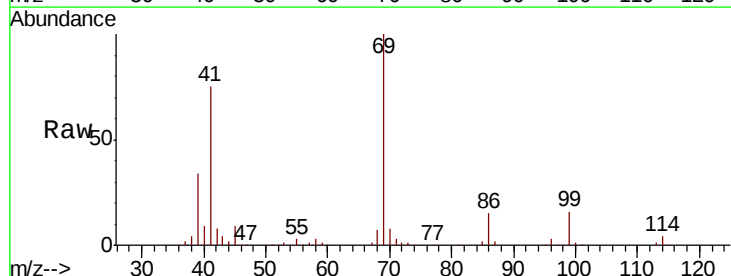


Abundance Ion 96.90 (96.60 to 97.60): VU0  
 Ion 82.90 (82.60 to 83.60): VU0  
 Ion 84.90 (84.60 to 85.60): VU0  
 Ion 98.90 (98.60 to 99.60): VU0

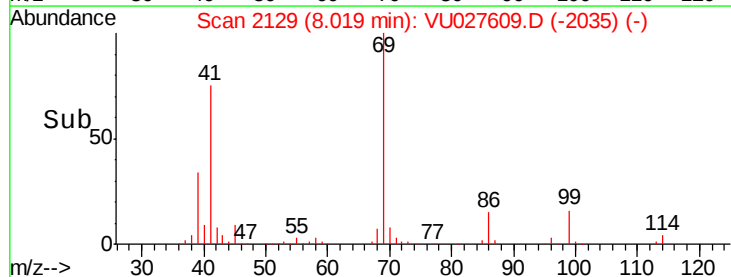
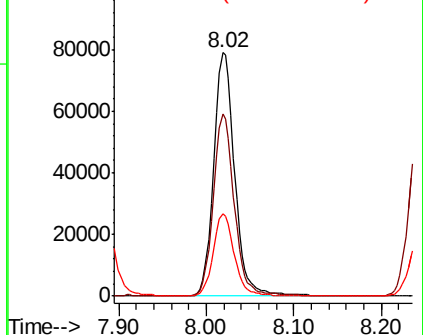


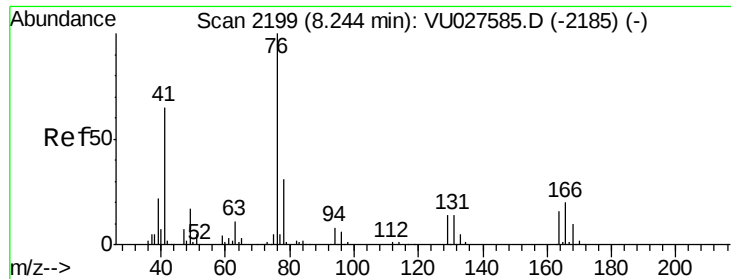
#56  
 Ethyl methacrylate  
 Concen: 47.422 ug/l  
 RT: 8.02 min Scan# 2129  
 Delta R.T. 0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Tgt Ion: 69 Resp: 131654  
 Ion Ratio Lower Upper  
 69 100  
 41 75.3 60.0 90.0  
 39 33.6 29.5 44.3



Abundance Ion 69.00 (68.70 to 69.70): VU0  
 Ion 41.00 (40.70 to 41.70): VU0  
 Ion 39.00 (38.70 to 39.70): VU0

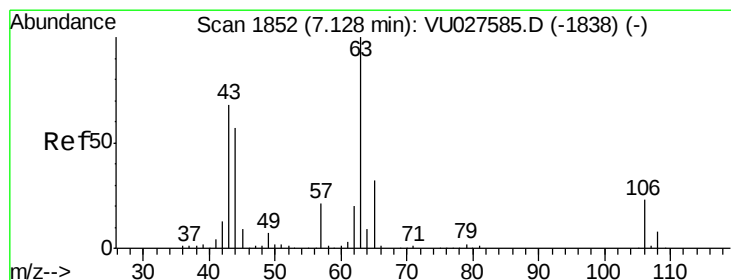
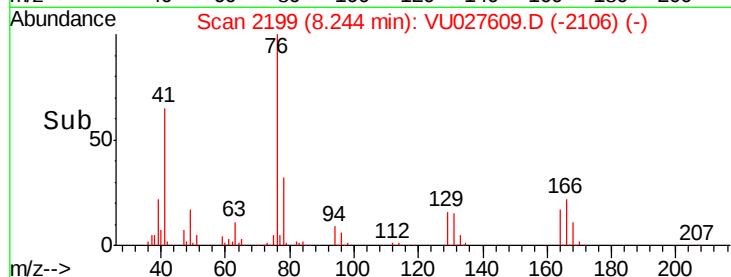
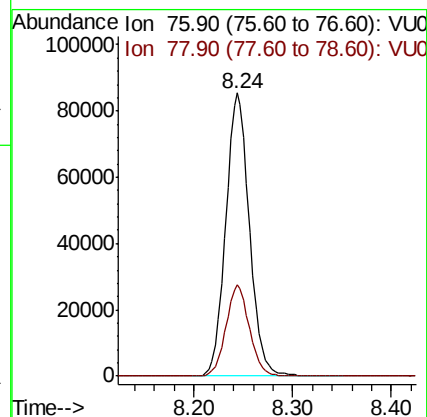
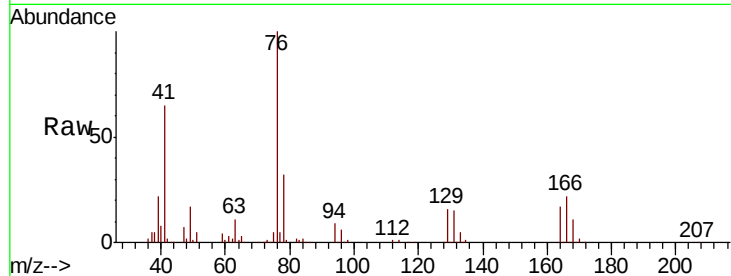




#57  
 1,3-Dichloropropane  
 Concen: 50.148 ug/l  
 RT: 8.24 min Scan# 2199  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

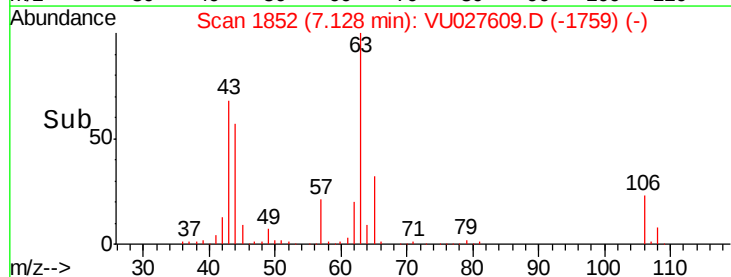
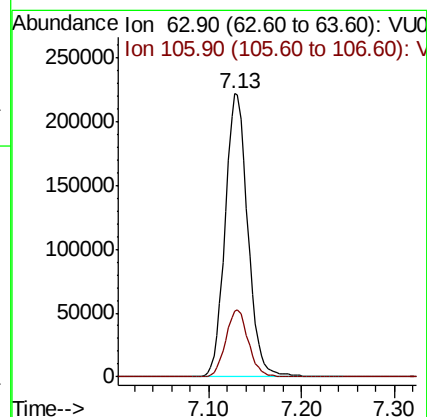
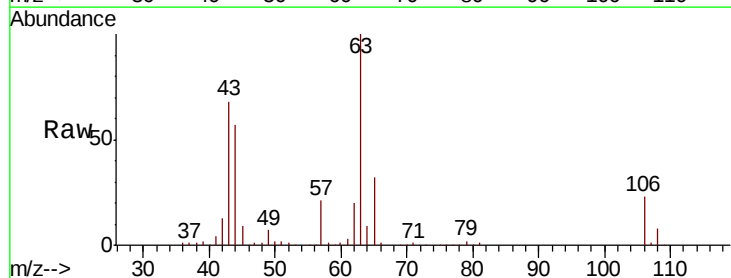
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

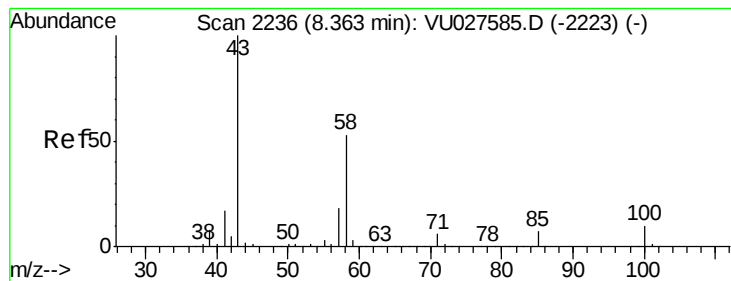
Tgt Ion: 76 Resp: 143692  
 Ion Ratio Lower Upper  
 76 100  
 78 31.9 25.8 38.6



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 243.284 ug/l  
 RT: 7.13 min Scan# 1852  
 Delta R.T. 0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Tgt Ion: 63 Resp: 376304  
 Ion Ratio Lower Upper  
 63 100  
 106 23.8 18.5 27.7





#59

2-Hexanone

Concen: 254.060 ug/l

RT: 8.36 min Scan# 2236

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Instrument :

MSVOA\_U

ClientSampleId :

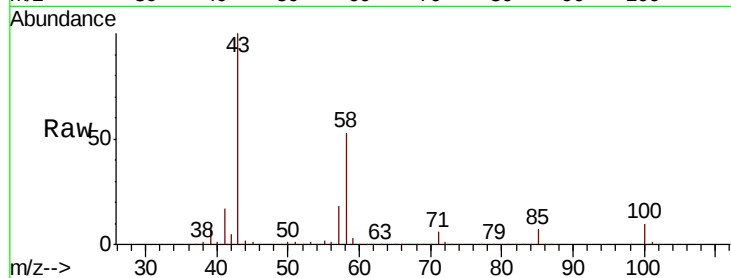
VSTDCCC050EC

Tgt Ion: 43 Resp: 584570

Ion Ratio Lower Upper

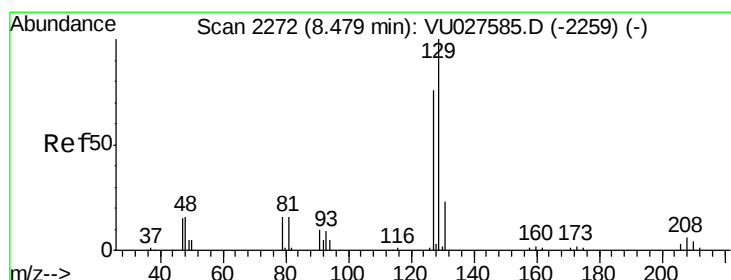
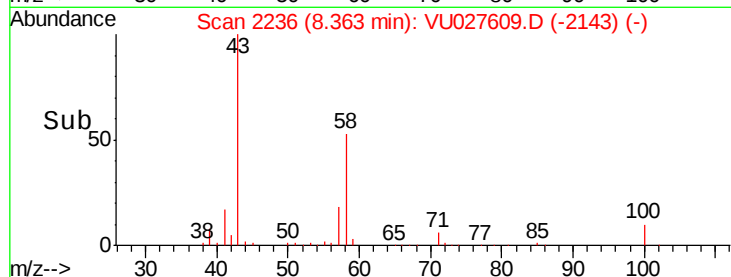
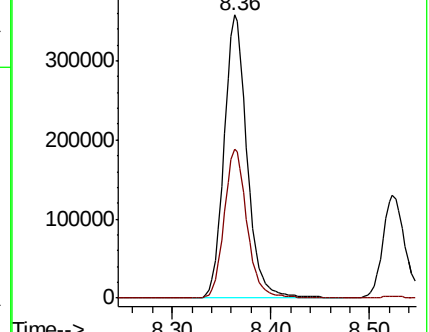
43 100

58 52.7 26.1 78.3



Abundance Ion 43.00 (42.70 to 43.70): VU027585.D (-2223) (-)

Ion 58.00 (57.70 to 58.70): VU027585.D (-2223) (-)



#60

Dibromochloromethane

Concen: 50.630 ug/l

RT: 8.48 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VU027609.D

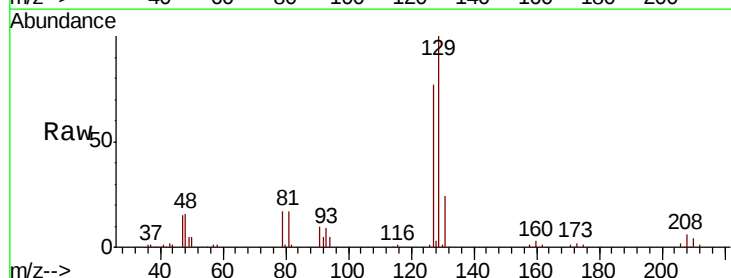
Acq: 11 Oct 2018 19:14

Tgt Ion: 129 Resp: 76322

Ion Ratio Lower Upper

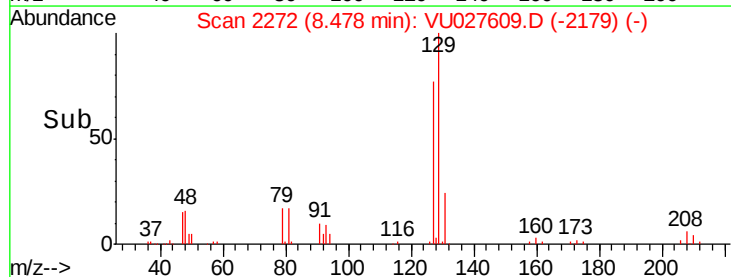
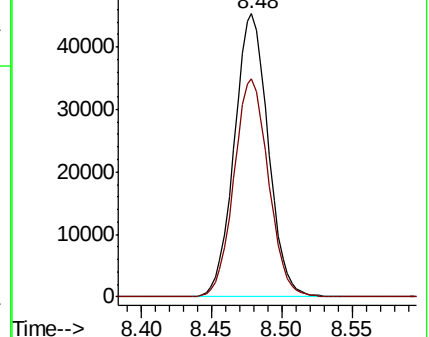
129 100

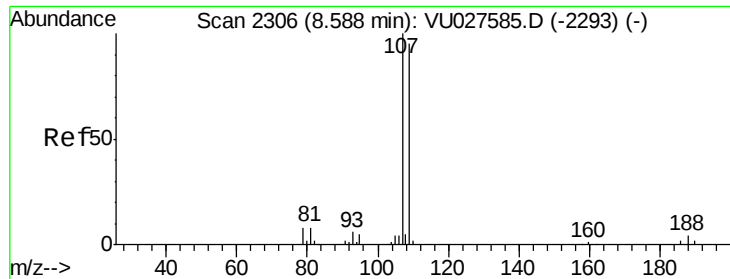
127 78.2 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): VU027585.D (-2259) (-)

Ion 126.80 (126.50 to 127.50): VU027585.D (-2259) (-)

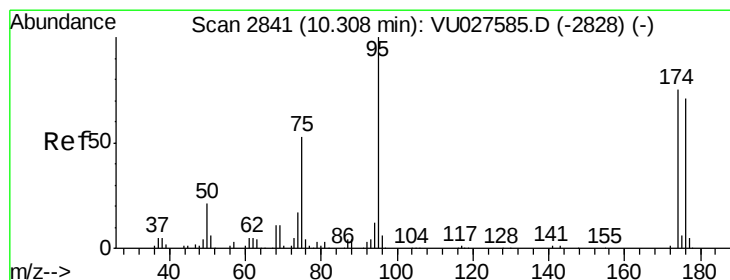
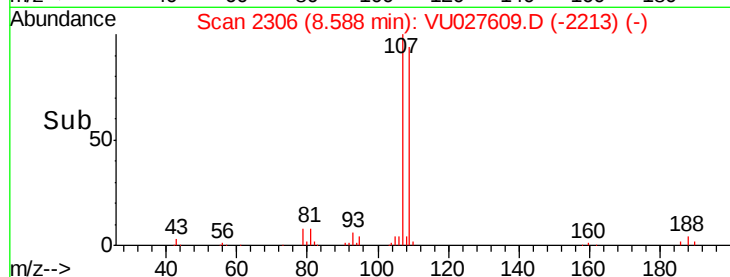
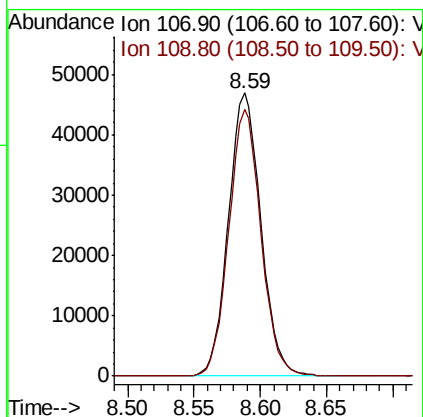
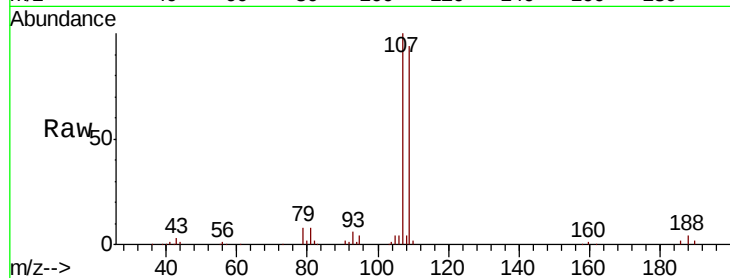




#61  
 1,2-Dibromoethane  
 Concen: 50.255 ug/l  
 RT: 8.59 min Scan# 2306  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

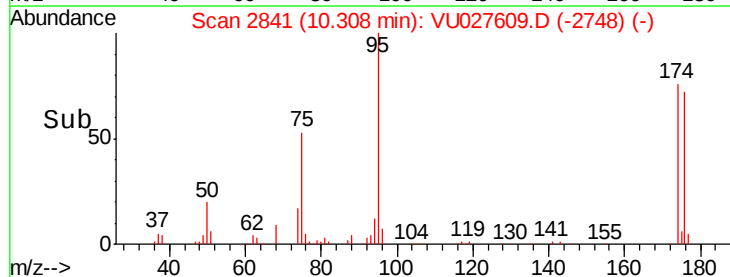
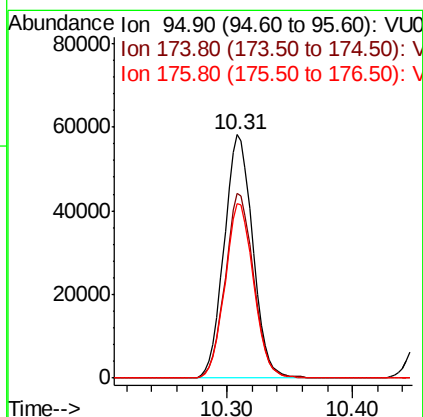
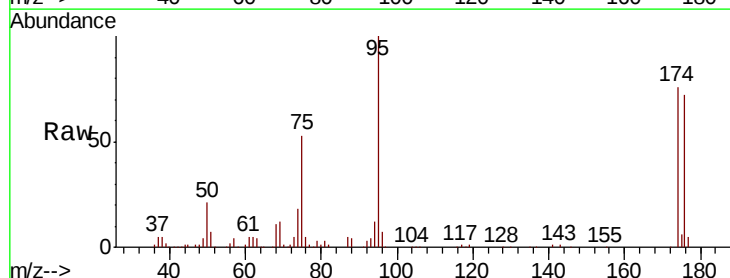
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

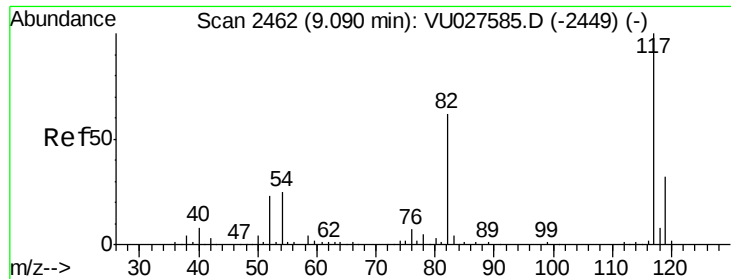
Tgt Ion: 107 Resp: 79820  
 Ion Ratio Lower Upper  
 107 100  
 109 93.4 74.5 111.7



#62  
 4-Bromofluorobenzene  
 Concen: 48.659 ug/l  
 RT: 10.31 min Scan# 2841  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Tgt Ion: 95 Resp: 91972  
 Ion Ratio Lower Upper  
 95 100  
 174 75.6 0.0 147.8  
 176 71.8 0.0 140.8

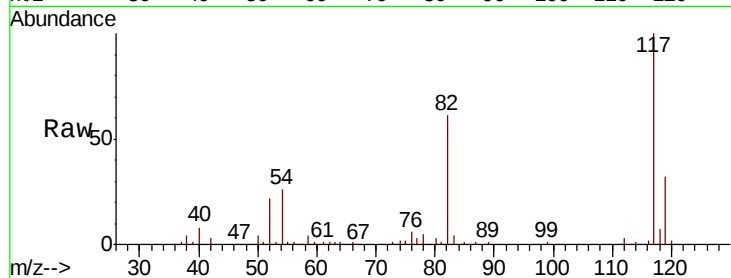




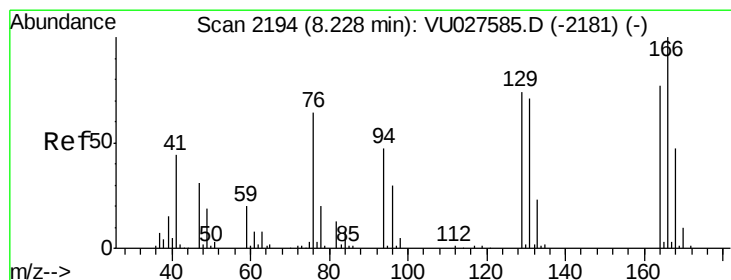
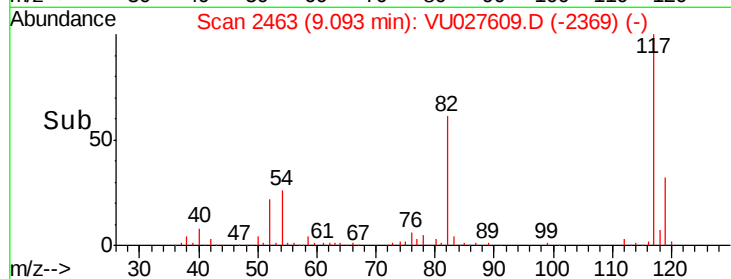
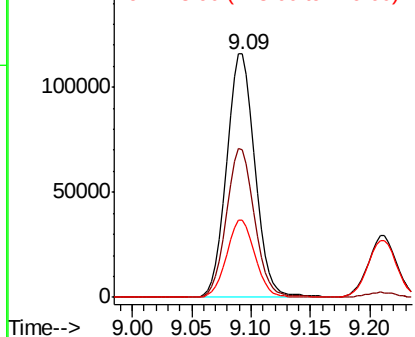
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.09 min Scan# 2463  
Delta R.T. 0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:117 Resp: 192066  
Ion Ratio Lower Upper  
117 100  
82 60.7 49.2 73.8  
119 31.8 25.7 38.5

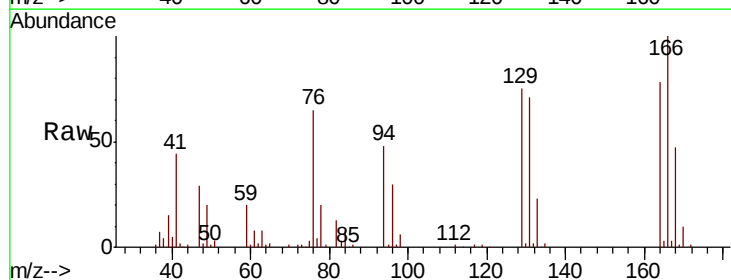


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VU0  
Ion 118.90 (118.60 to 119.60): V

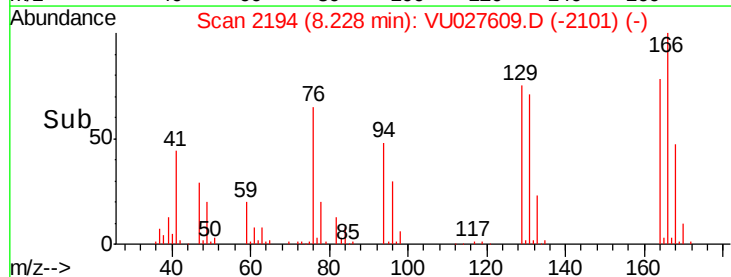
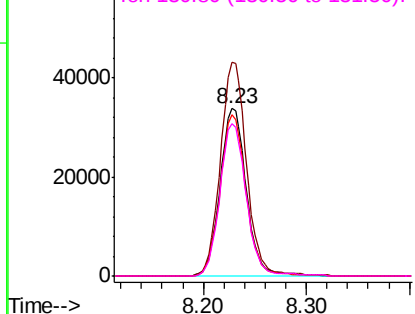


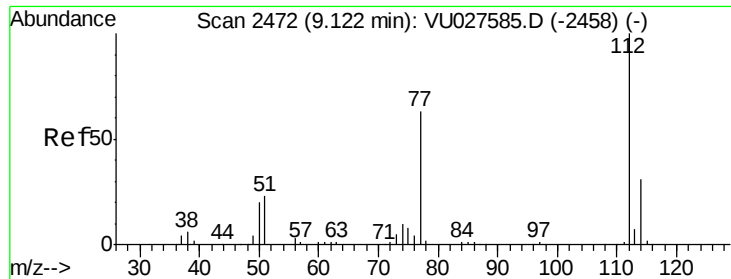
#64  
Tetrachloroethene  
Concen: 50.169 ug/l  
RT: 8.23 min Scan# 2194  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Tgt Ion:164 Resp: 59855  
Ion Ratio Lower Upper  
164 100  
166 127.6 101.0 151.6  
129 96.2 78.0 117.0  
131 91.0 72.6 109.0



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

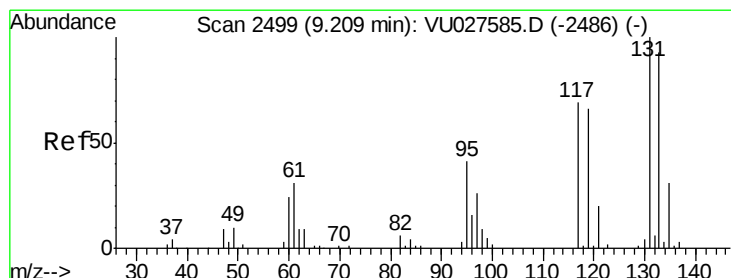
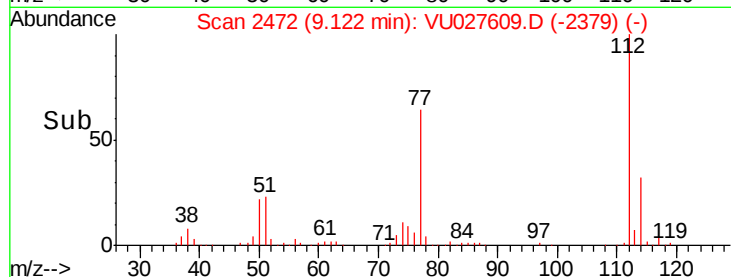
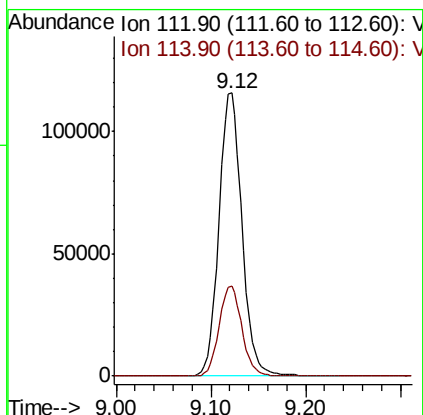
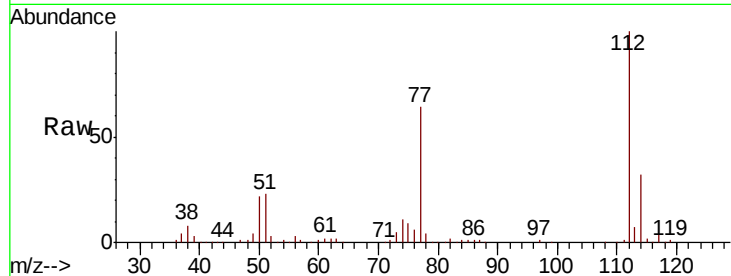




#65  
Chlorobenzene  
Concen: 49.051 ug/l  
RT: 9.12 min Scan# 2472  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

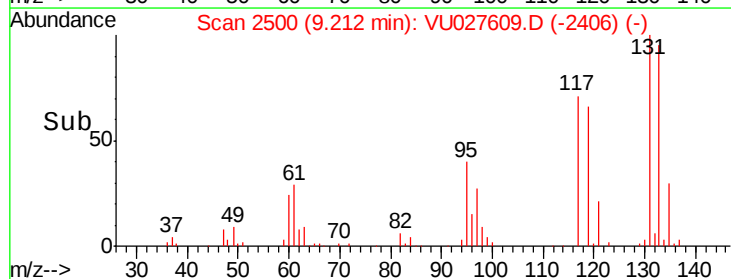
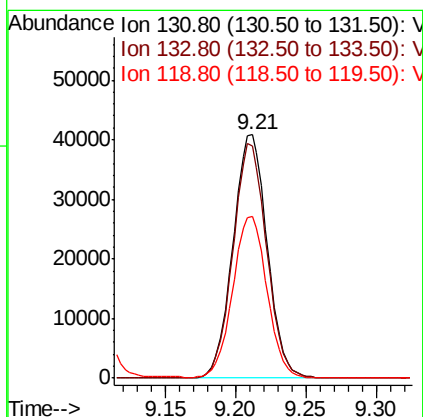
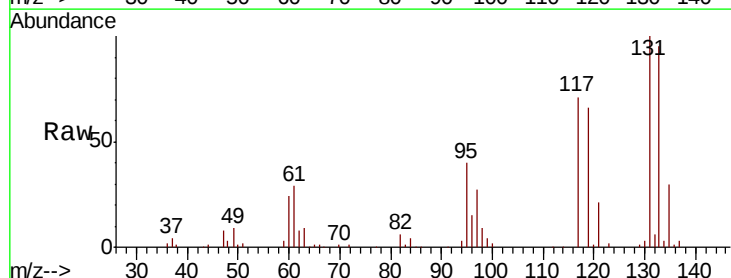
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

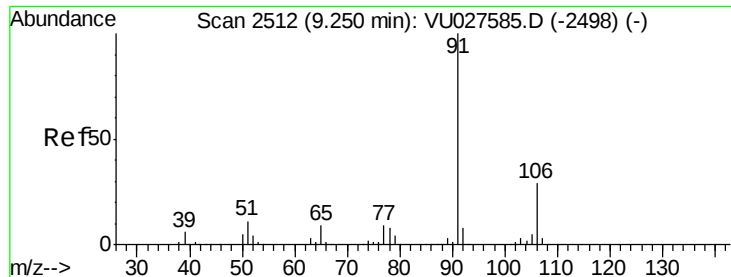
Tgt Ion:112 Resp: 195425  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.015 ug/l  
RT: 9.21 min Scan# 2500  
Delta R.T. 0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Tgt Ion:131 Resp: 69490  
Ion Ratio Lower Upper  
131 100  
133 95.0 48.5 145.6  
119 66.6 33.5 100.4

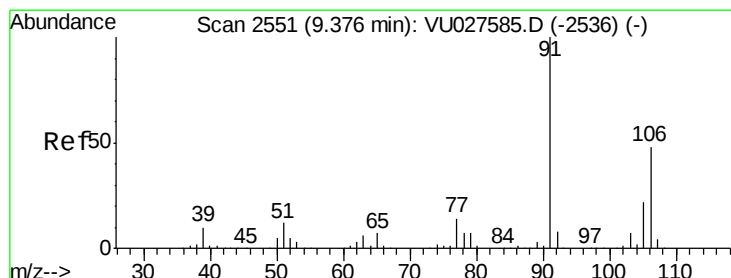
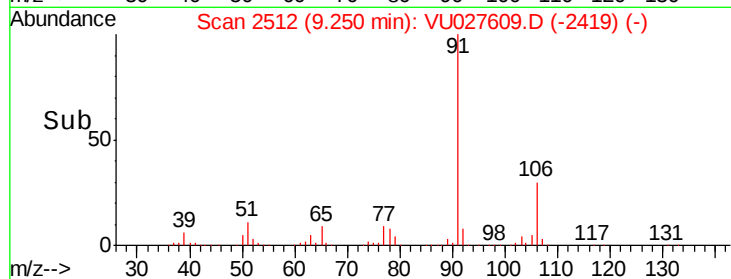
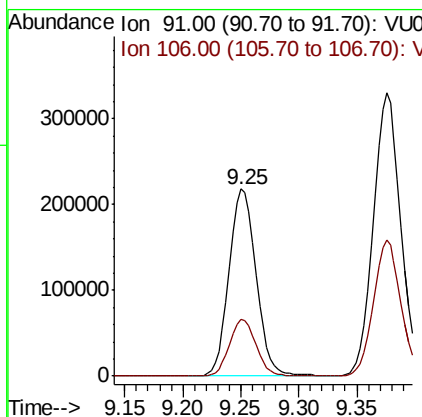
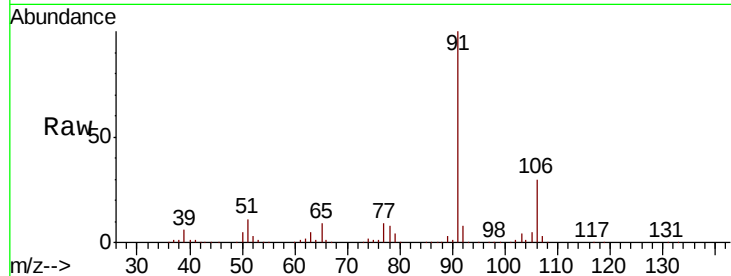




#67  
 Ethyl Benzene  
 Concen: 51.568 ug/l  
 RT: 9.25 min Scan# 2512  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

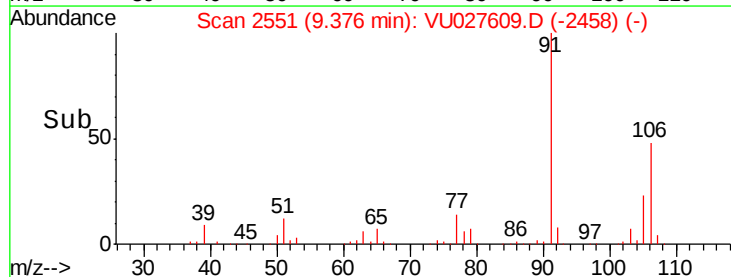
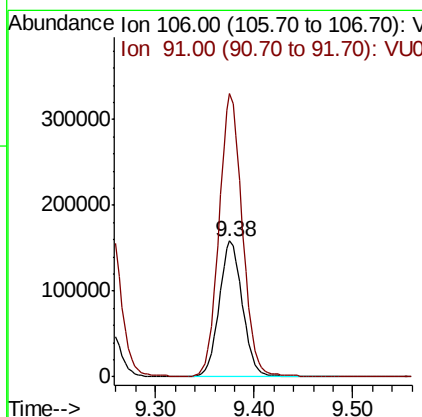
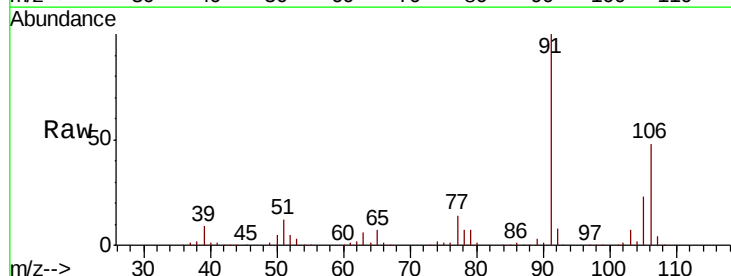
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

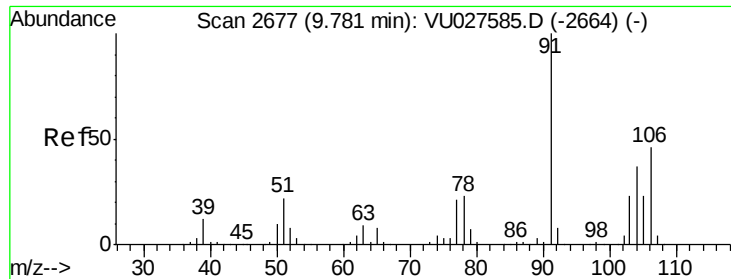
Tgt Ion: 91 Resp: 352434  
 Ion Ratio Lower Upper  
 91 100  
 106 30.1 23.6 35.4



#68  
 m/p-Xylenes  
 Concen: 105.698 ug/l  
 RT: 9.38 min Scan# 2551  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Tgt Ion: 106 Resp: 263747  
 Ion Ratio Lower Upper  
 106 100  
 91 208.1 168.1 252.1

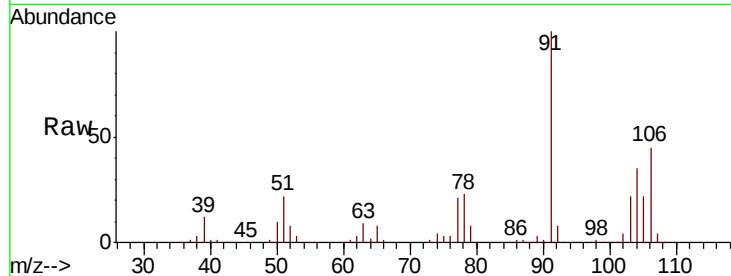




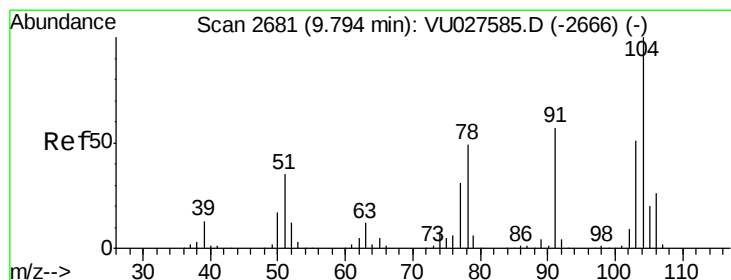
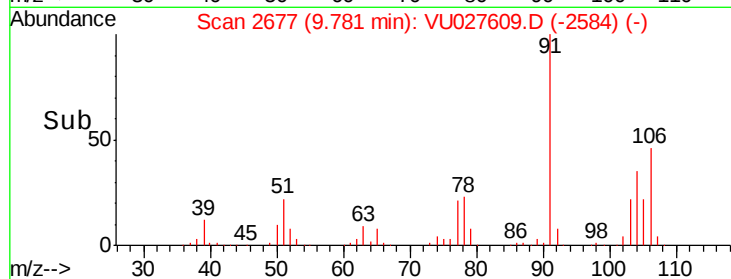
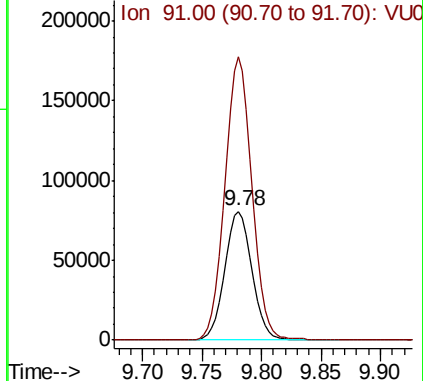
#69  
o-Xylene  
Concen: 52.707 ug/l  
RT: 9.78 min Scan# 2677  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 127853  
Ion Ratio Lower Upper  
106 100  
91 218.7 111.7 334.9

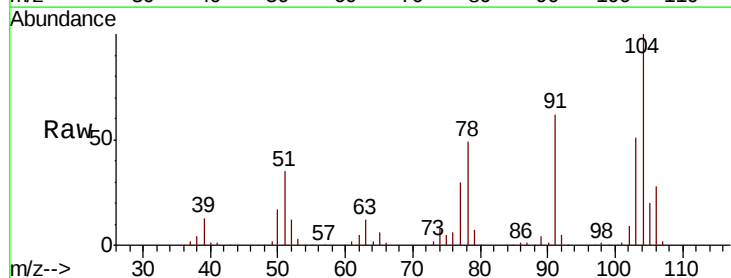


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VU0

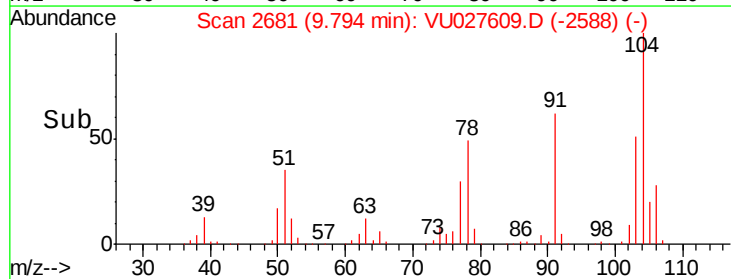
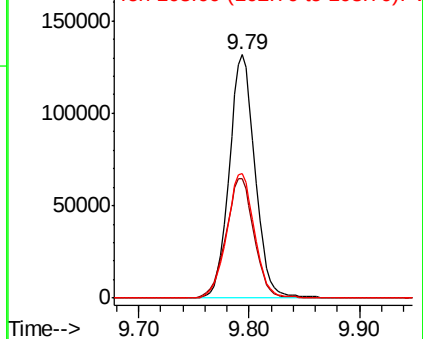


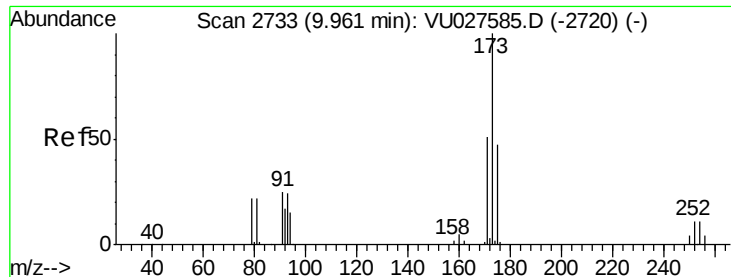
#70  
Styrene  
Concen: 47.744 ug/l  
RT: 9.79 min Scan# 2681  
Delta R.T. 0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Tgt Ion:104 Resp: 213304  
Ion Ratio Lower Upper  
104 100  
78 53.5 42.9 64.3  
103 55.1 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VU0  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.017 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

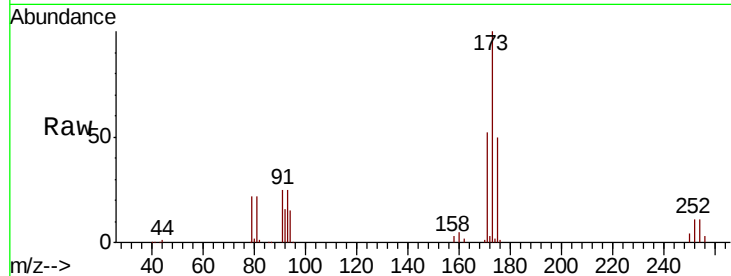
Tgt Ion:173 Resp: 57775

Ion Ratio Lower Upper

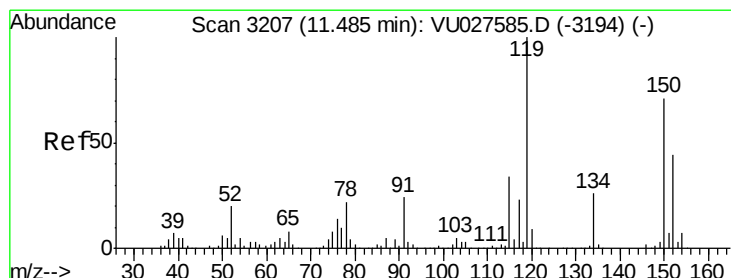
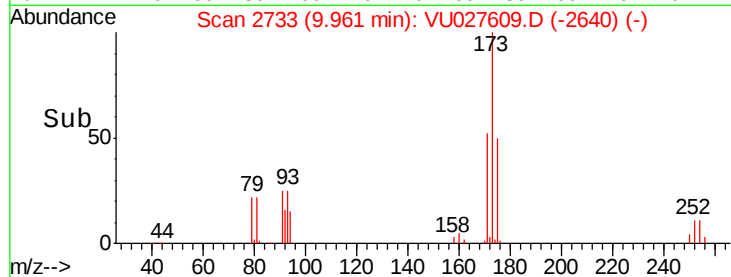
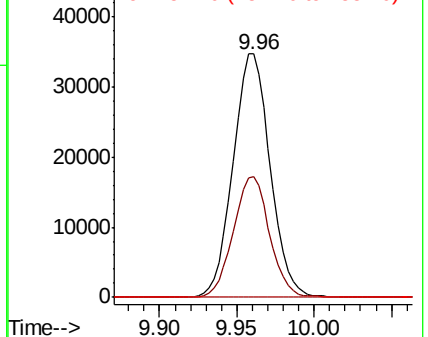
173 100

175 48.4 24.3 73.0

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: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

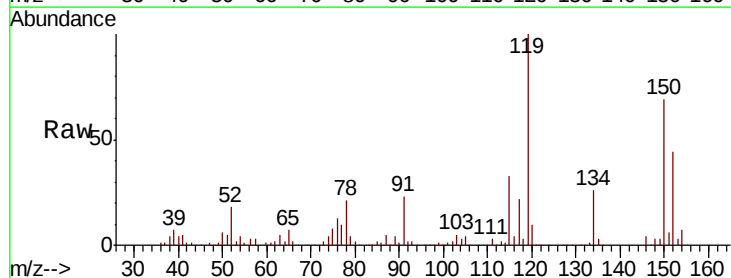
Tgt Ion:152 Resp: 94412

Ion Ratio Lower Upper

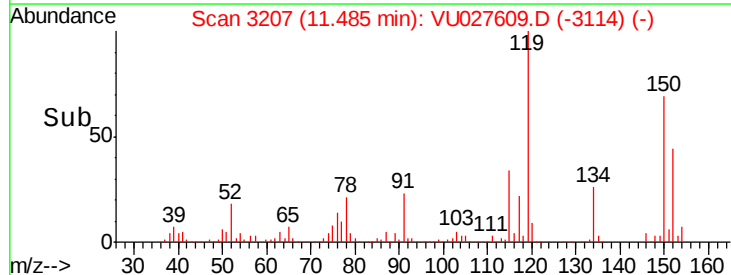
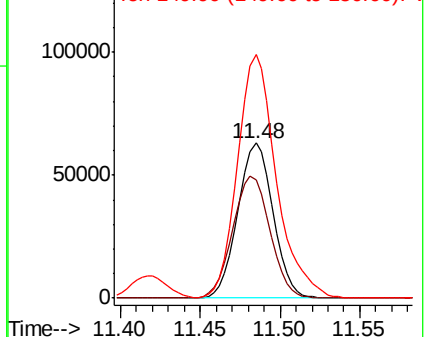
152 100

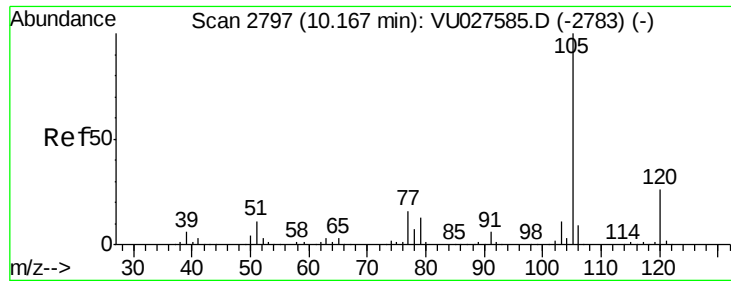
115 83.6 43.4 130.2

150 173.6 0.0 349.2



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





#73

Isopropylbenzene

Concen: 53.494 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Instrument :

MSVOA\_U

ClientSampleId :

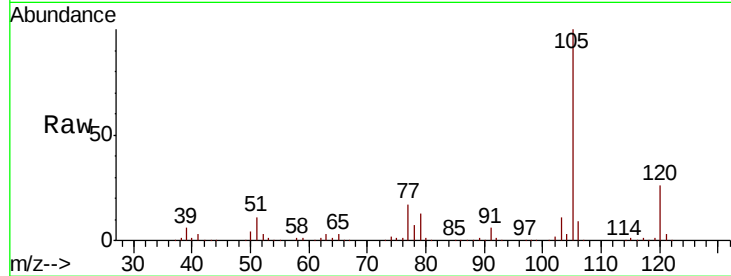
VSTDCCC050EC

Tgt Ion: 105 Resp: 340018

Ion Ratio Lower Upper

105 100

120 26.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

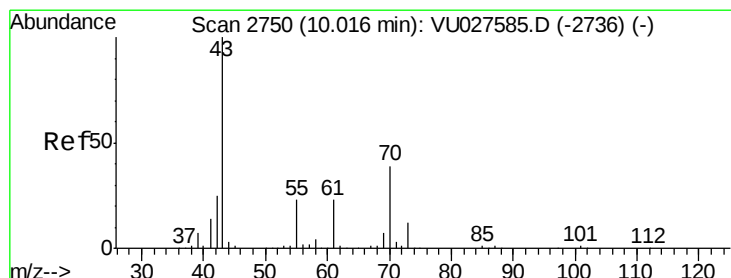
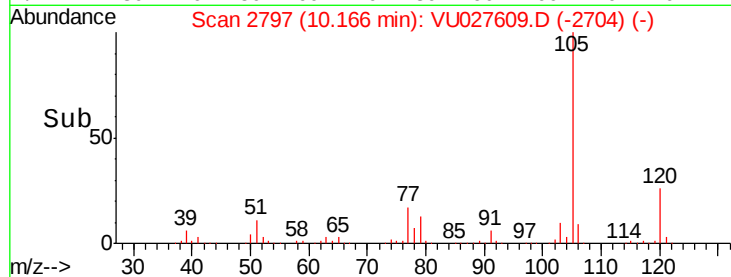
50000

0

10.10

10.20

Time-->



#74

N-ethyl acetate

Concen: 54.803 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Tgt Ion: 43 Resp: 205459

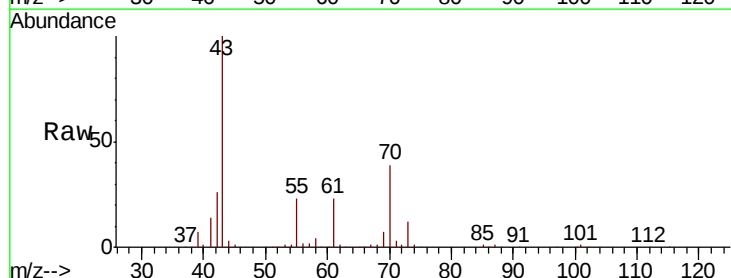
Ion Ratio Lower Upper

43 100

70 38.8 31.3 46.9

55 23.4 19.0 28.6

61 23.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

200000

150000

100000

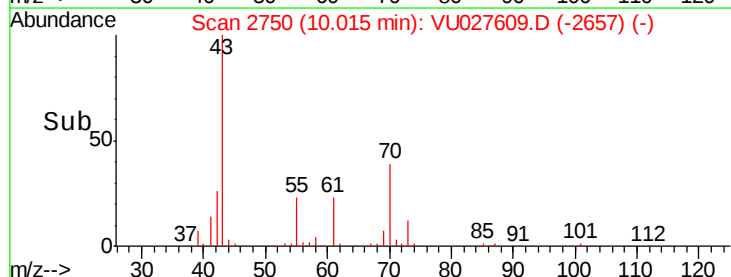
50000

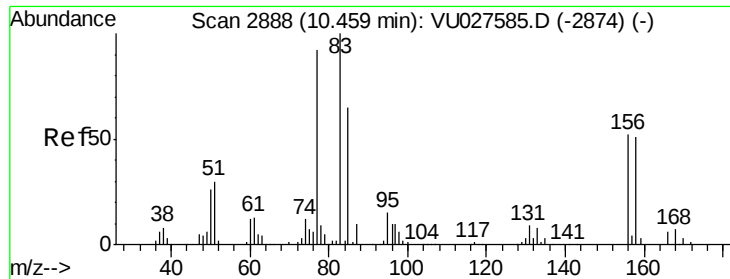
0

10.00

10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.752 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

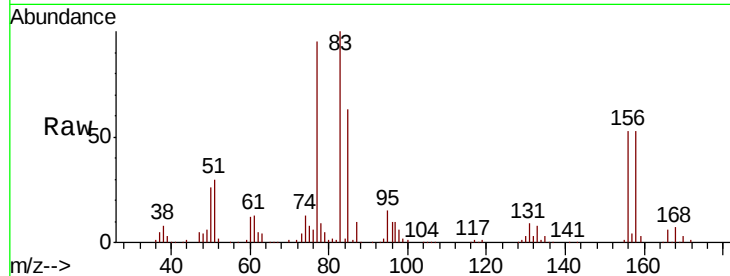
Tgt Ion: 83 Resp: 133295

Ion Ratio Lower Upper

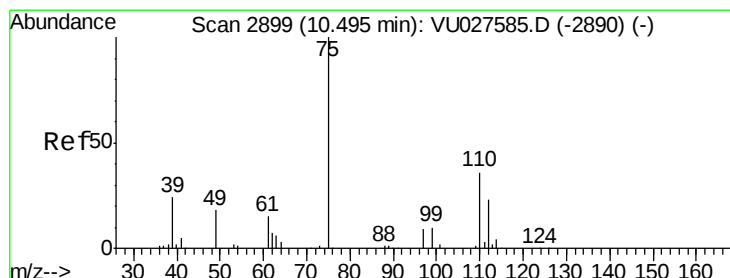
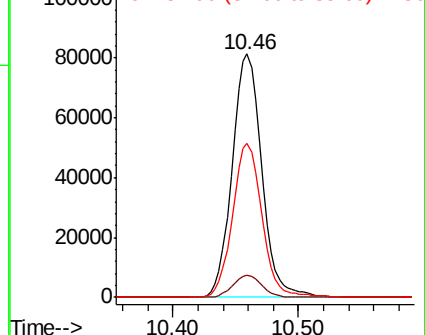
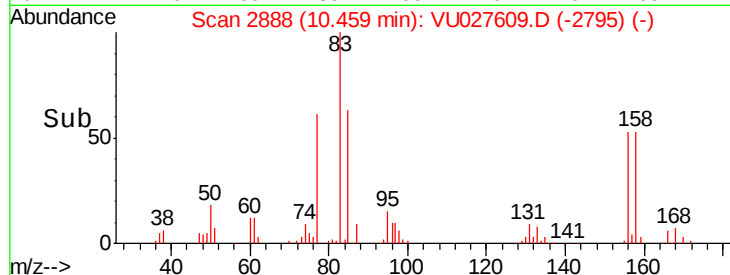
83 100

131 8.7 4.4 13.2

85 62.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VU027609.D (-2795) (-)



#76

1,2,3-Trichloropropane

Concen: 59.999 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027609.D

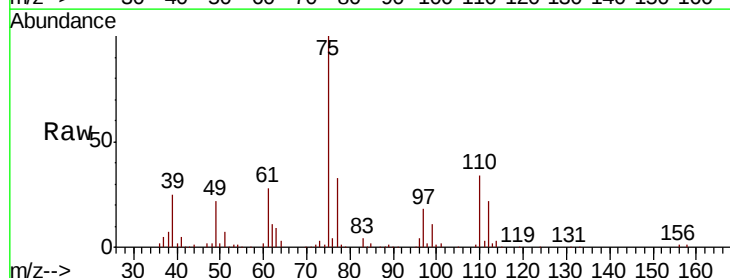
Acq: 11 Oct 2018 19:14

Tgt Ion: 75 Resp: 162511

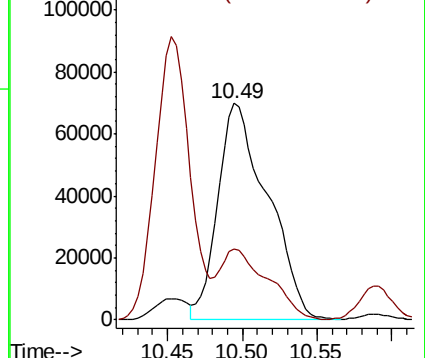
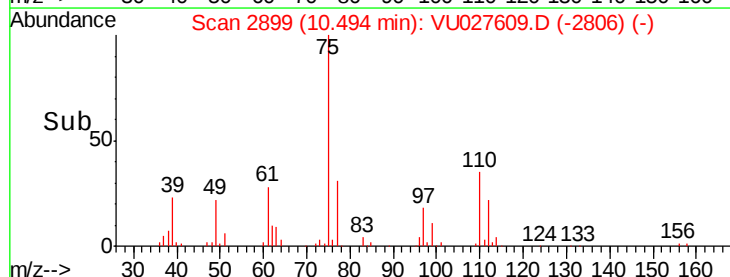
Ion Ratio Lower Upper

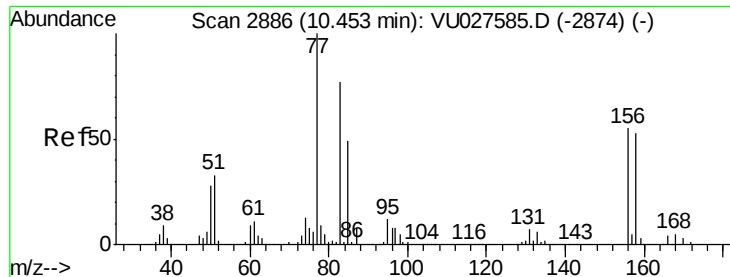
75 100

77 30.2 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VU027609.D (-2806) (-)





#77

Bromobenzene

Concen: 51.089 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

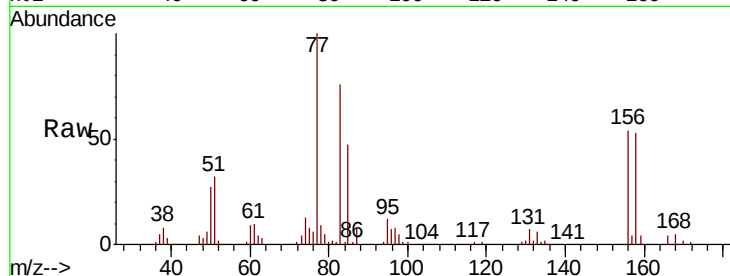
Tgt Ion:156 Resp: 79548

Ion Ratio Lower Upper

156 100

77 184.1 94.8 284.4

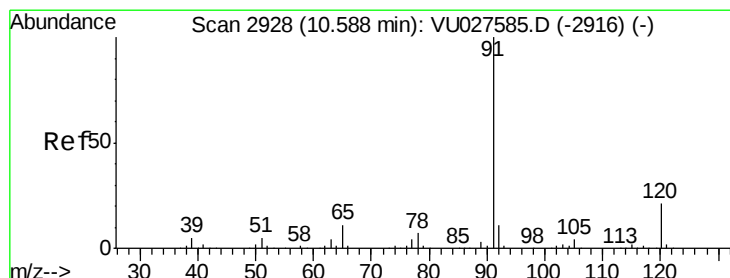
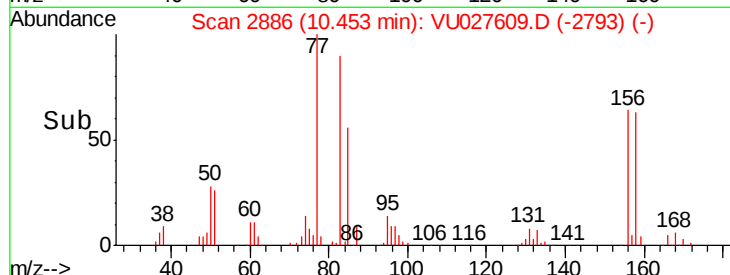
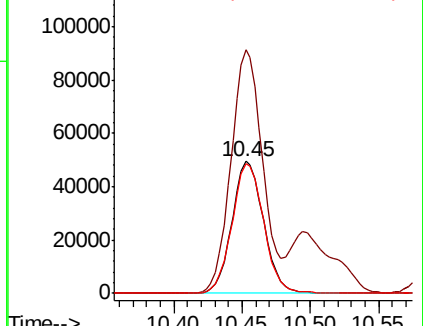
158 98.4 47.4 142.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.769 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027609.D

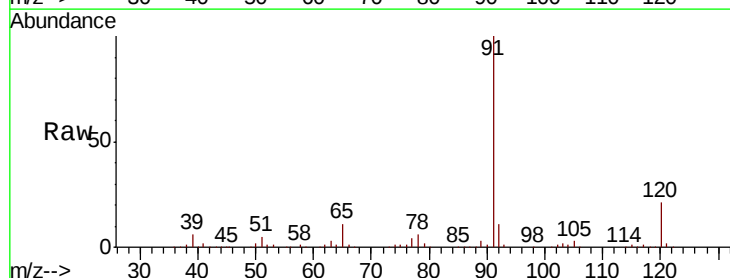
Acq: 11 Oct 2018 19:14

Tgt Ion: 91 Resp: 414852

Ion Ratio Lower Upper

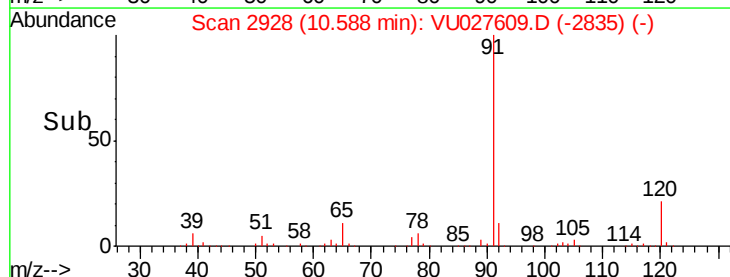
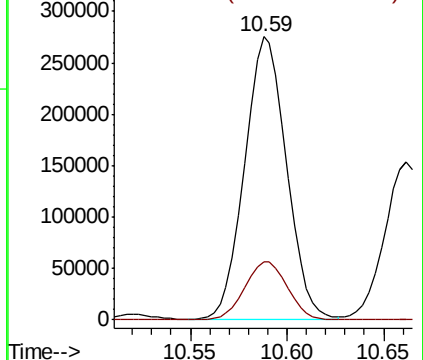
91 100

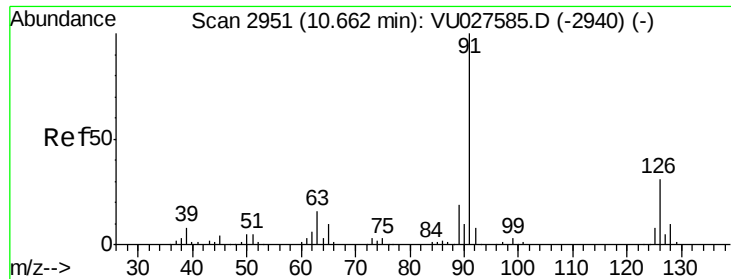
120 21.0 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

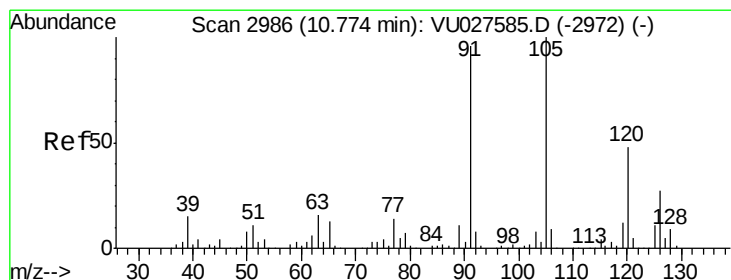
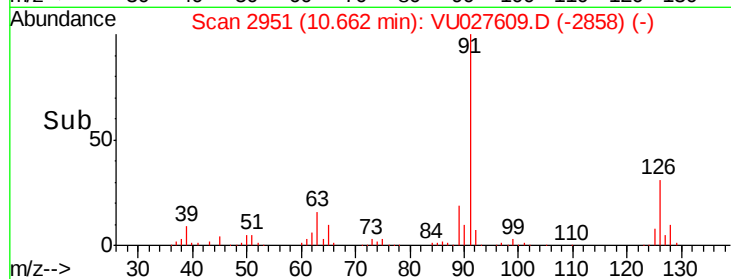
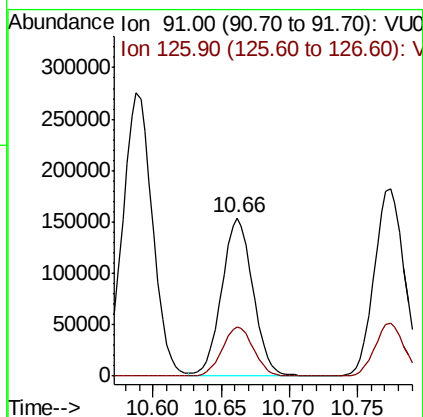
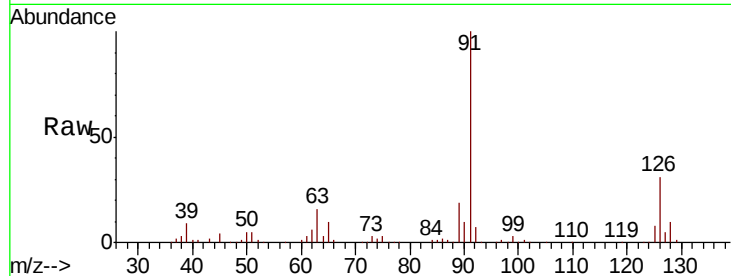




#79  
 2-Chlorotoluene  
 Concen: 51.548 ug/l  
 RT: 10.66 min Scan# 2951  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

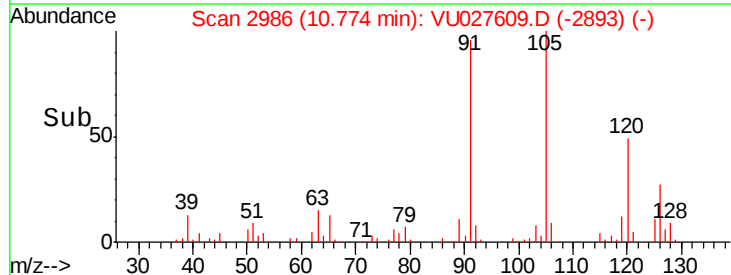
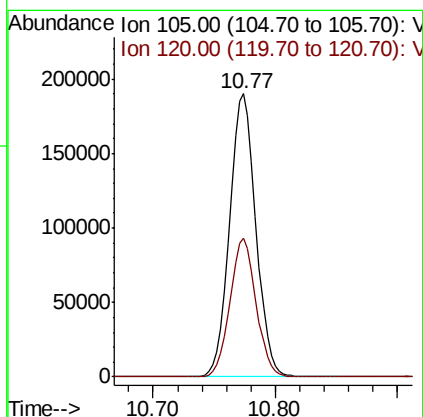
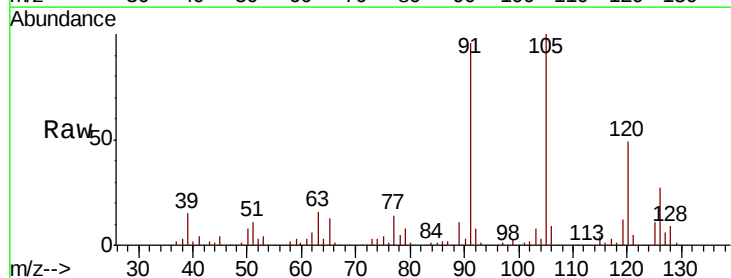
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

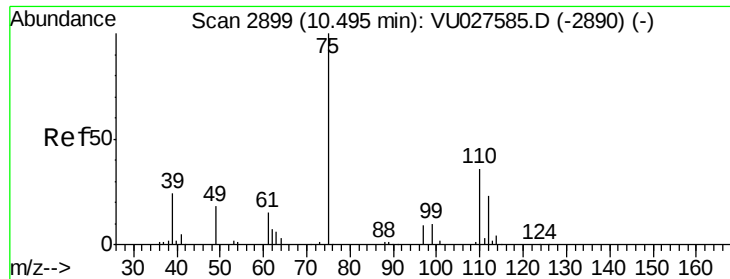
Tgt Ion: 91 Resp: 243987  
 Ion Ratio Lower Upper  
 91 100  
 126 31.5 15.7 47.1



#80  
 1,3,5-Trimethylbenzene  
 Concen: 50.766 ug/l  
 RT: 10.77 min Scan# 2986  
 Delta R.T. 0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Tgt Ion: 105 Resp: 285537  
 Ion Ratio Lower Upper  
 105 100  
 120 48.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 70.707 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

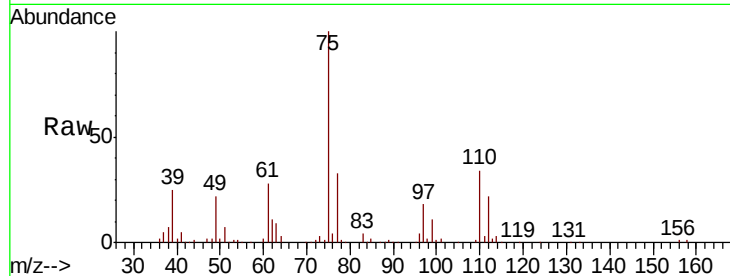
Tgt Ion: 75 Resp: 162511

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

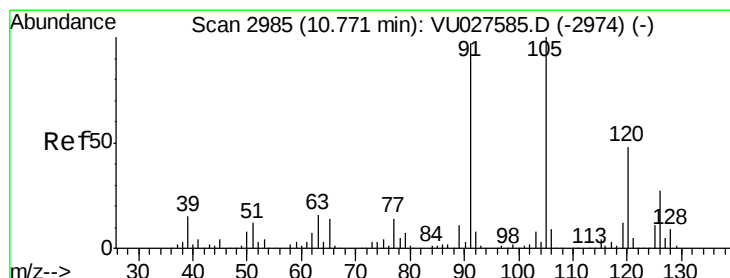
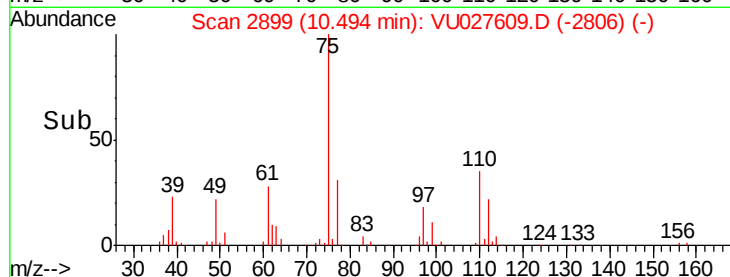
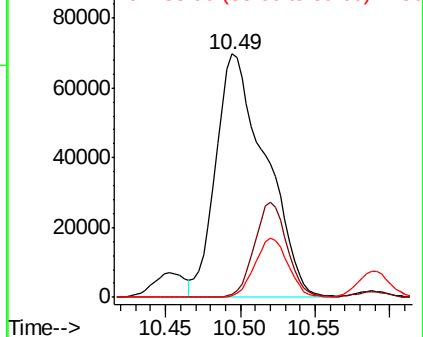
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 53.120 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027609.D

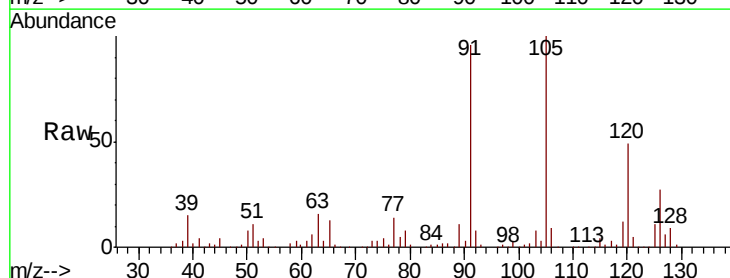
Acq: 11 Oct 2018 19:14

Tgt Ion: 91 Resp: 280929

Ion Ratio Lower Upper

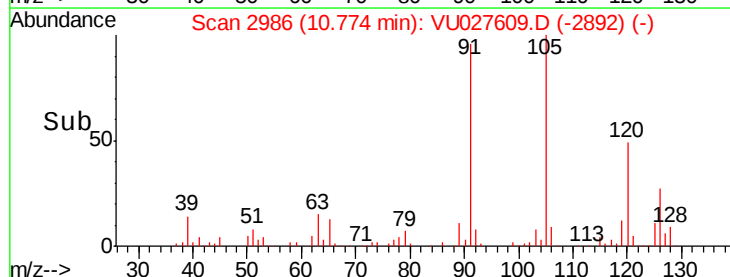
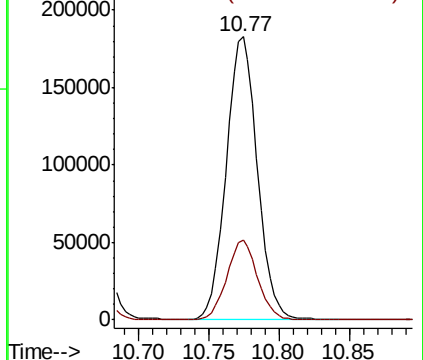
91 100

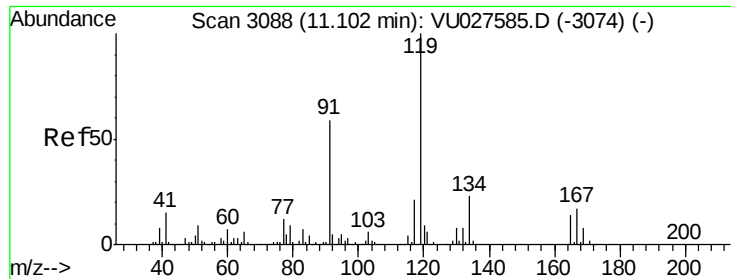
126 28.0 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

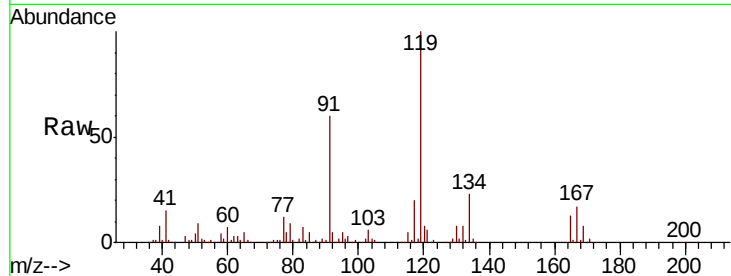




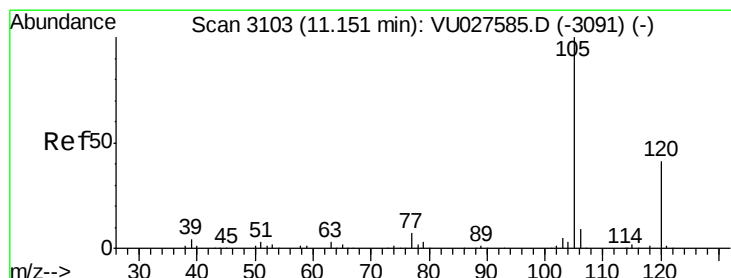
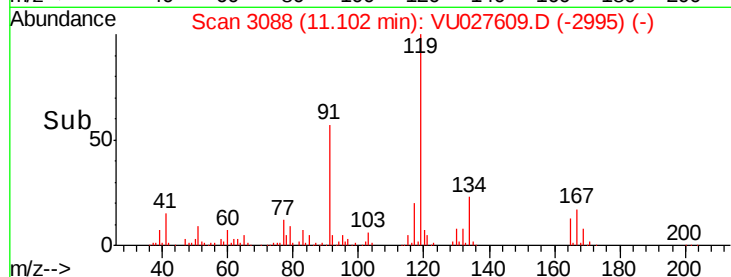
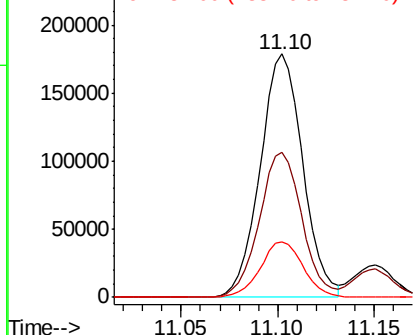
#83  
tert-Butylbenzene  
Concen: 52.886 ug/l  
RT: 11.10 min Scan# 3088  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:119 Resp: 274646  
Ion Ratio Lower Upper  
119 100  
91 59.7 30.3 91.0  
134 23.0 11.5 34.4

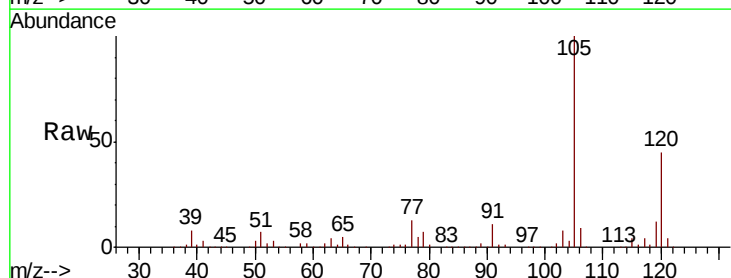


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): VU  
Ion 134.00 (133.70 to 134.70): V

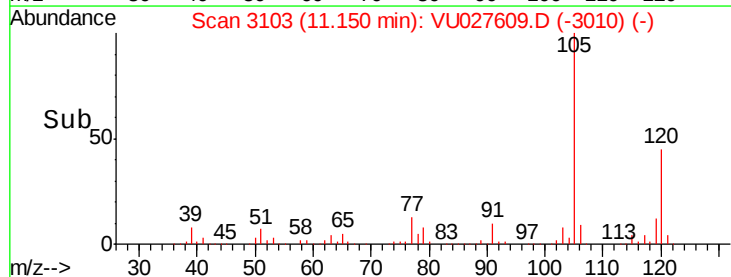
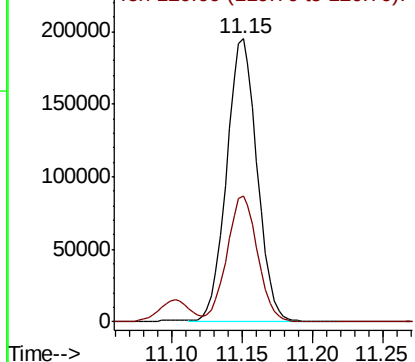


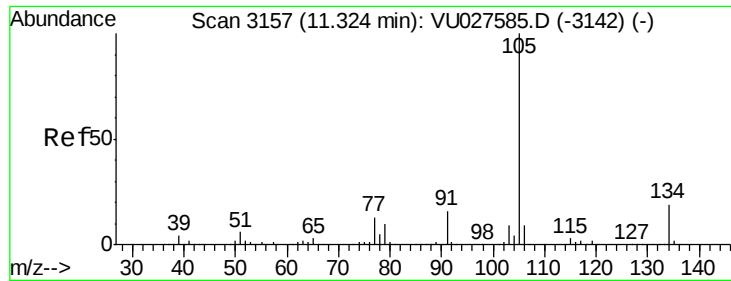
#84  
1,2,4-Trimethylbenzene  
Concen: 50.751 ug/l  
RT: 11.15 min Scan# 3103  
Delta R.T. 0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Tgt Ion:105 Resp: 294319  
Ion Ratio Lower Upper  
105 100  
120 44.7 22.1 66.5



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

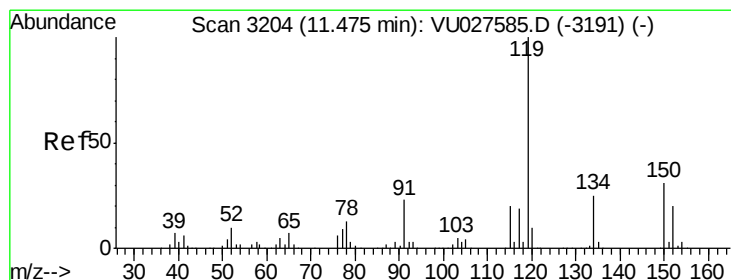
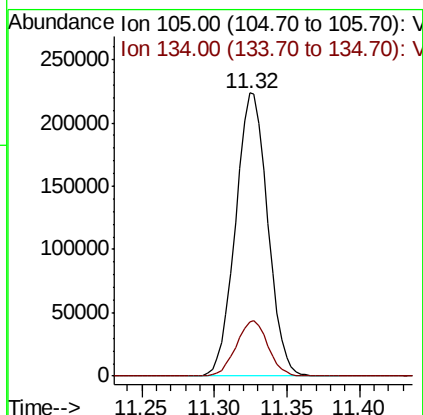
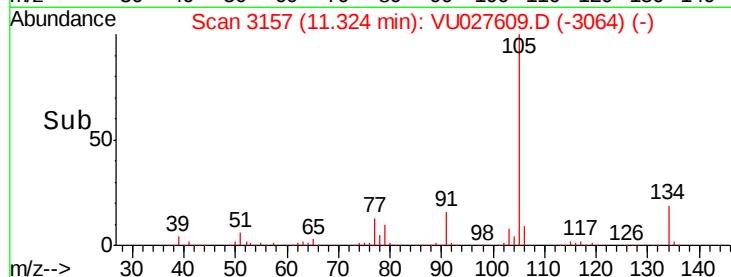
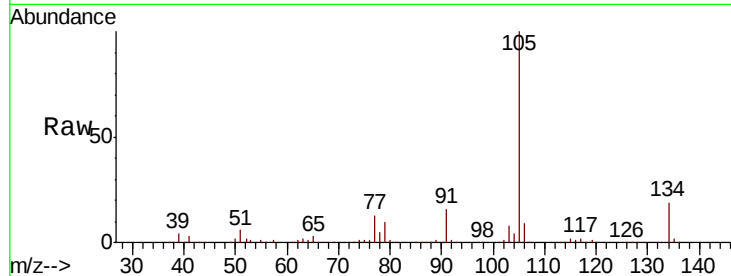




#85  
 sec-Butylbenzene  
 Concen: 50.327 ug/l  
 RT: 11.32 min Scan# 3157  
 Delta R.T. 0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

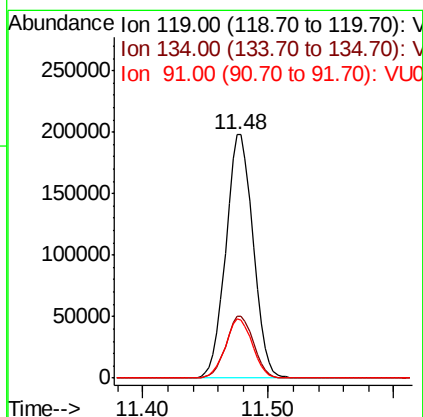
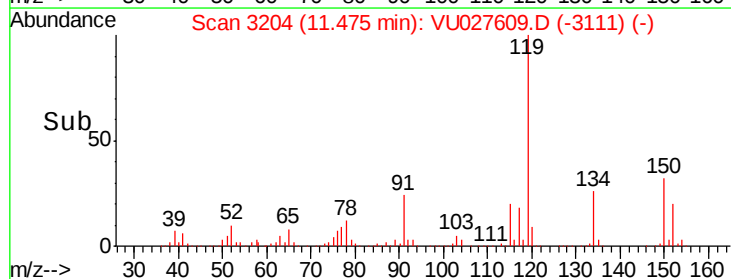
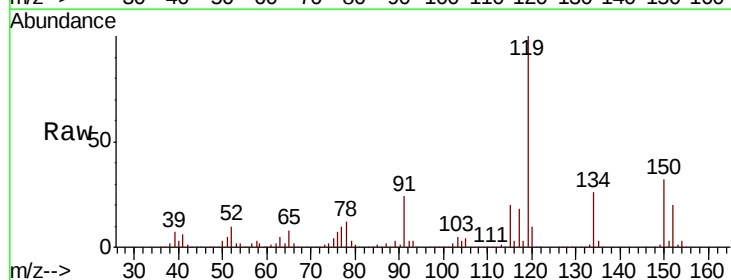
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

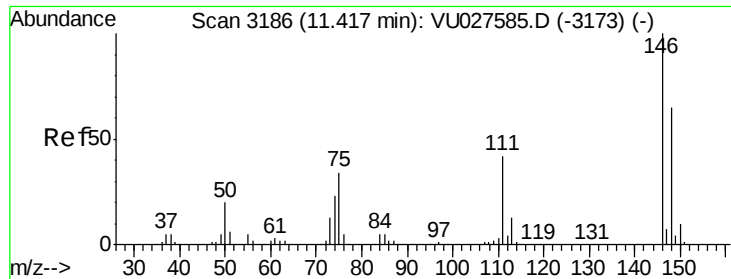
Tgt Ion:105 Resp: 344868  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 9.6 28.6



#86  
 p-Isopropyltoluene  
 Concen: 50.200 ug/l  
 RT: 11.48 min Scan# 3204  
 Delta R.T. 0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Tgt Ion:119 Resp: 298974  
 Ion Ratio Lower Upper  
 119 100  
 134 25.4 12.7 38.1  
 91 24.1 12.2 36.4

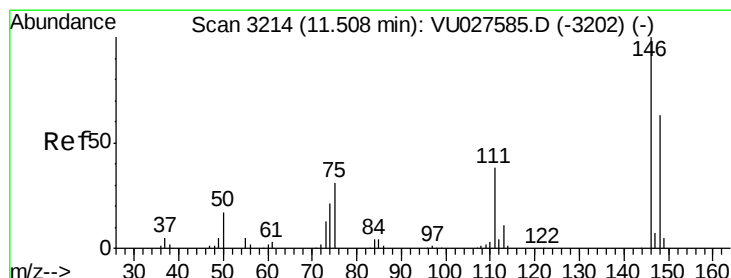
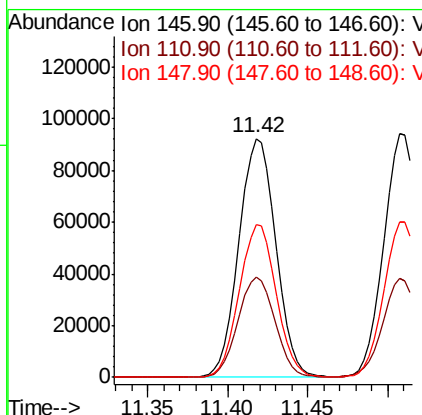
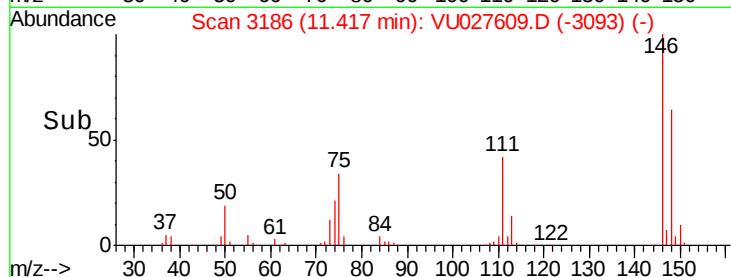
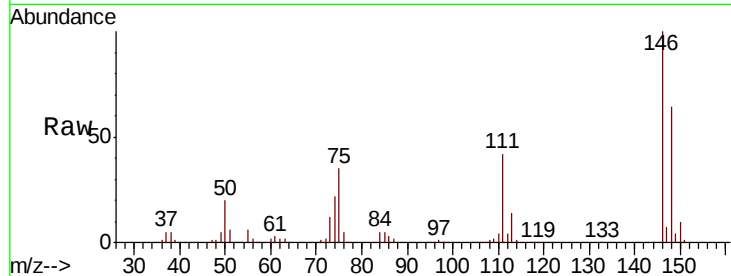




#87  
 1,3-Dichlorobenzene  
 Concen: 50.401 ug/l  
 RT: 11.42 min Scan# 3186  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

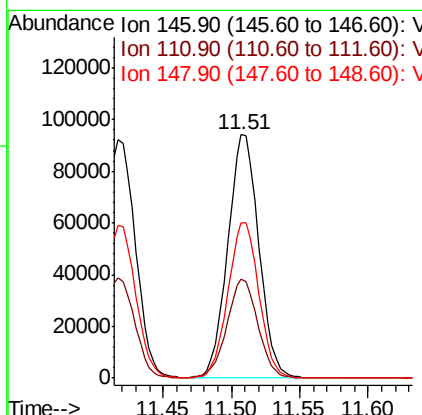
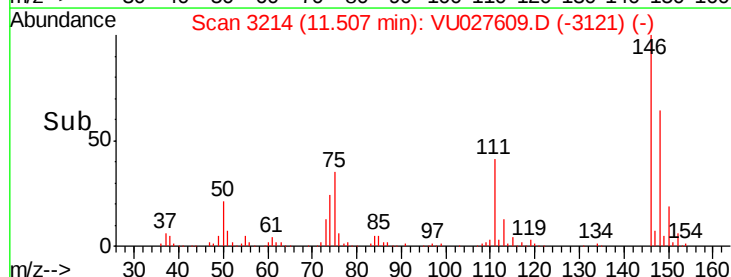
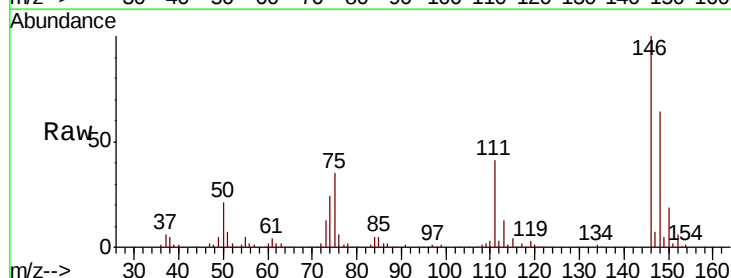
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

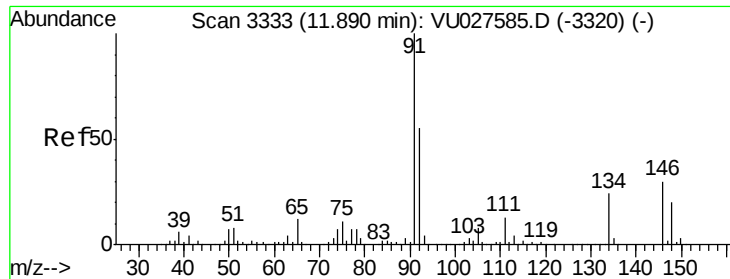
Tgt Ion:146 Resp: 145715  
 Ion Ratio Lower Upper  
 146 100  
 111 42.0 20.8 62.5  
 148 63.7 31.6 94.8



#88  
 1,4-Dichlorobenzene  
 Concen: 48.525 ug/l  
 RT: 11.51 min Scan# 3214  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Tgt Ion:146 Resp: 148522  
 Ion Ratio Lower Upper  
 146 100  
 111 41.0 20.4 61.2  
 148 64.0 31.9 95.5

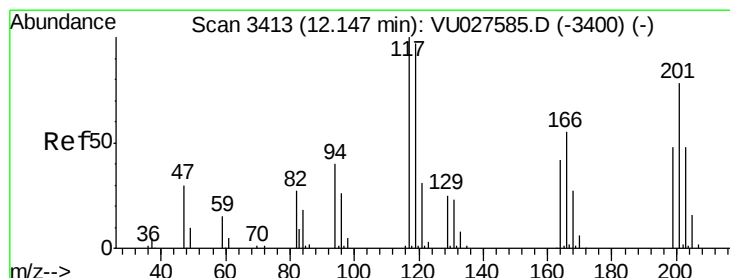
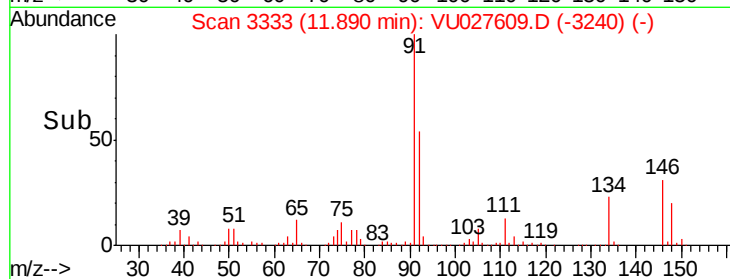
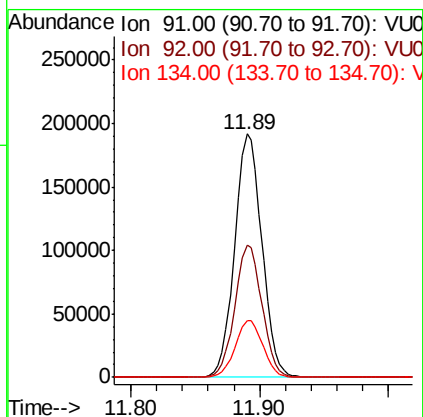
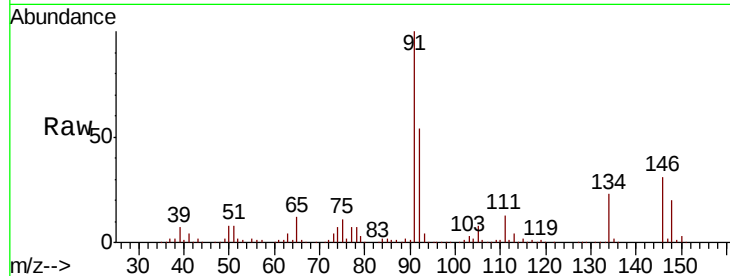




#89  
n-Butylbenzene  
Concen: 49.585 ug/l  
RT: 11.89 min Scan# 3333  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

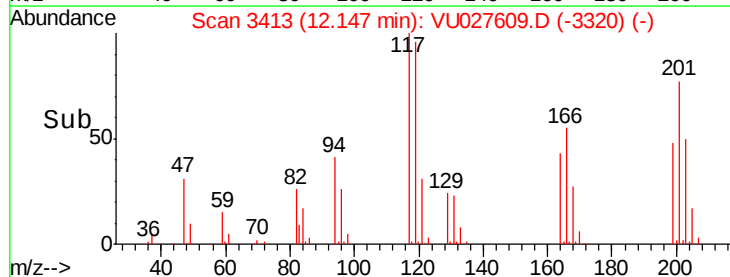
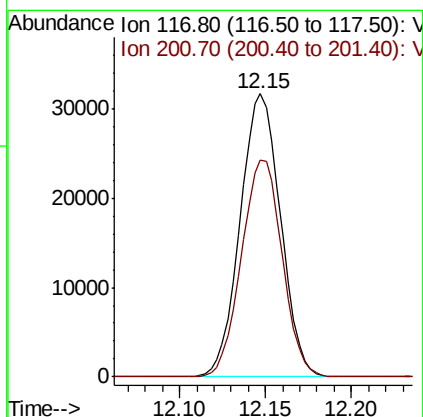
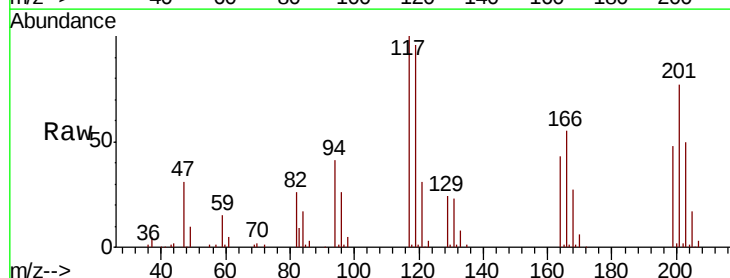
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

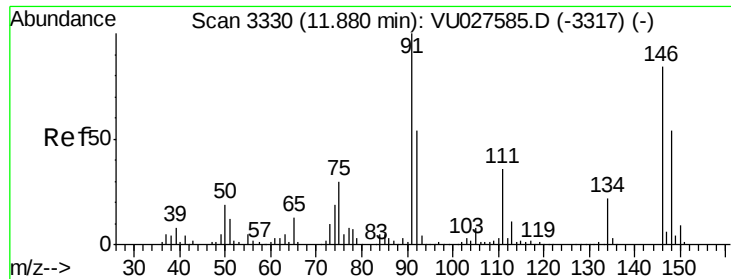
Tgt Ion: 91 Resp: 281754  
Ion Ratio Lower Upper  
91 100  
92 54.0 27.0 81.0  
134 23.6 11.7 35.1



#90  
Hexachloroethane  
Concen: 49.087 ug/l  
RT: 12.15 min Scan# 3413  
Delta R.T. -0.00 min  
Lab File: VU027609.D  
Acq: 11 Oct 2018 19:14

Tgt Ion: 117 Resp: 51578  
Ion Ratio Lower Upper  
117 100  
201 77.3 37.9 113.6

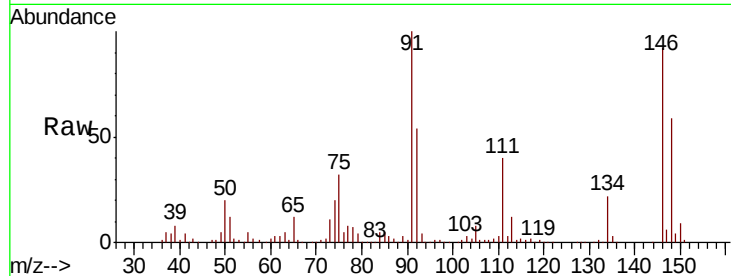




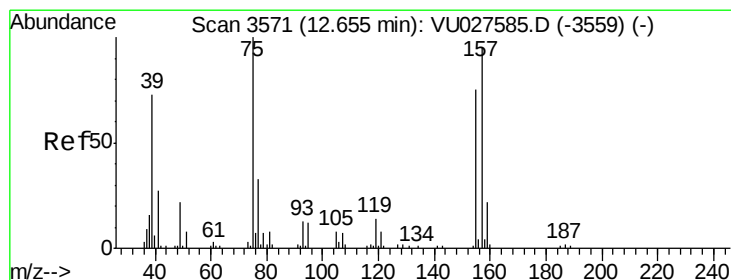
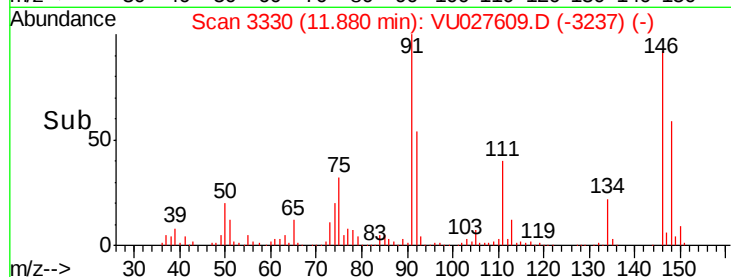
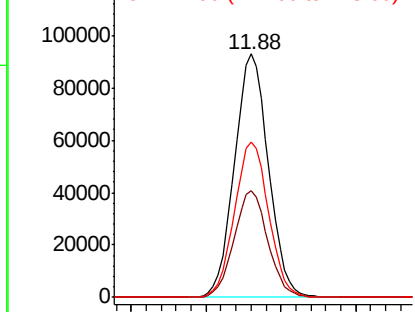
#91  
 1,2-Dichlorobenzene  
 Concen: 50.404 ug/l  
 RT: 11.88 min Scan# 3330  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 146 Resp: 146927  
 Ion Ratio Lower Upper  
 146 100  
 111 43.4 21.8 65.4  
 148 64.1 31.9 95.5

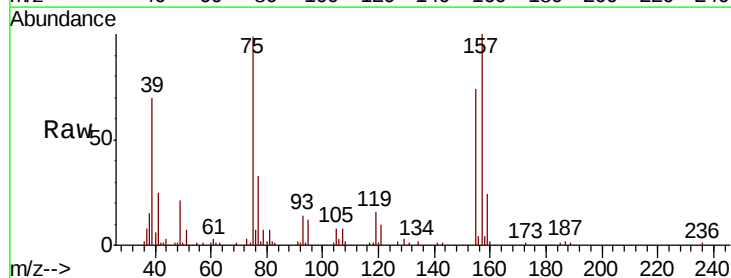


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

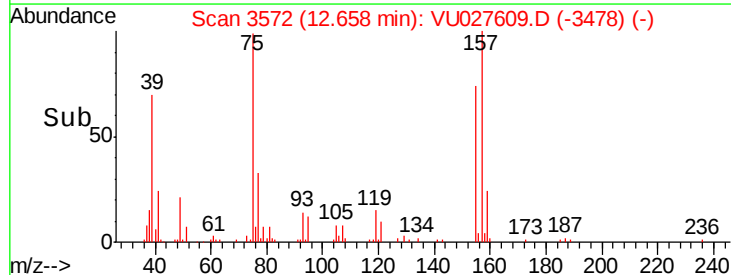
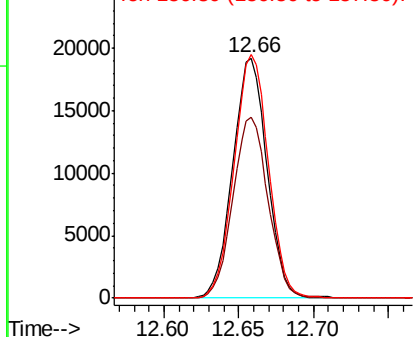


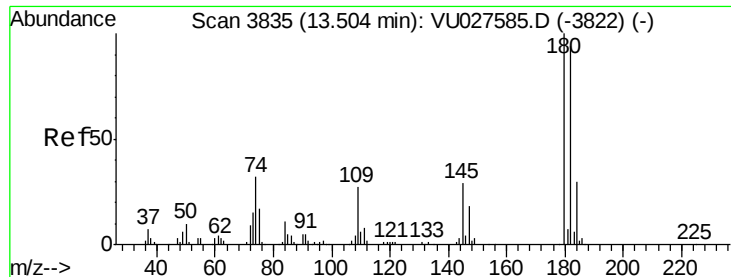
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.354 ug/l  
 RT: 12.66 min Scan# 3572  
 Delta R.T. 0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Tgt Ion: 75 Resp: 30696  
 Ion Ratio Lower Upper  
 75 100  
 155 76.8 35.9 107.8  
 157 101.3 46.9 140.6



Abundance Ion 74.90 (74.60 to 75.60): VU0  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V

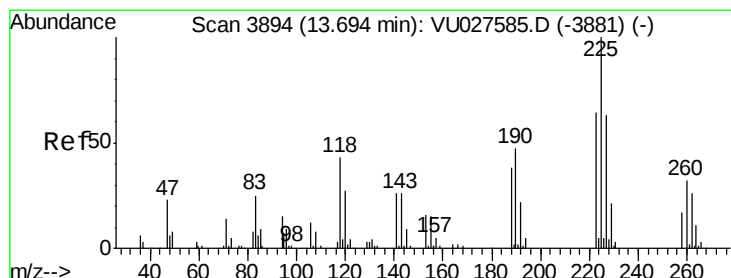
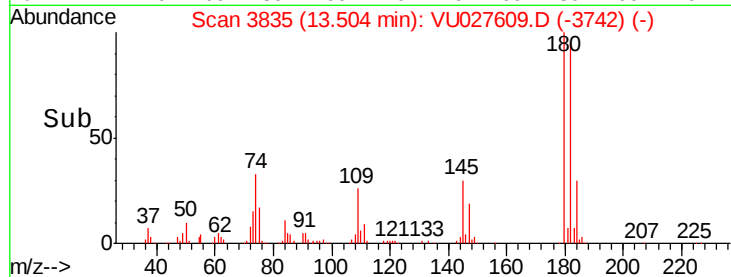
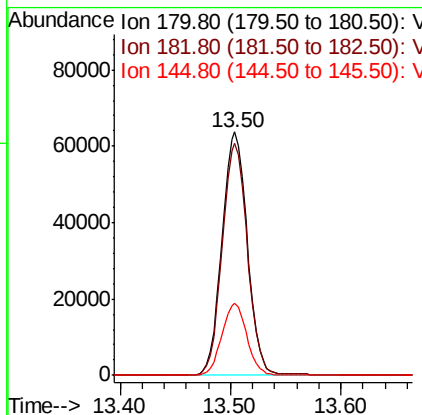
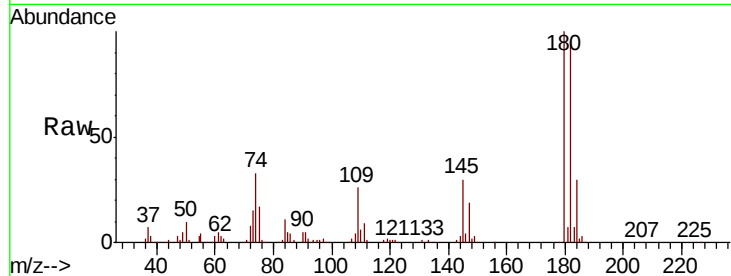




#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.328 ug/l  
 RT: 13.50 min Scan# 3835  
 Delta R.T. 0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

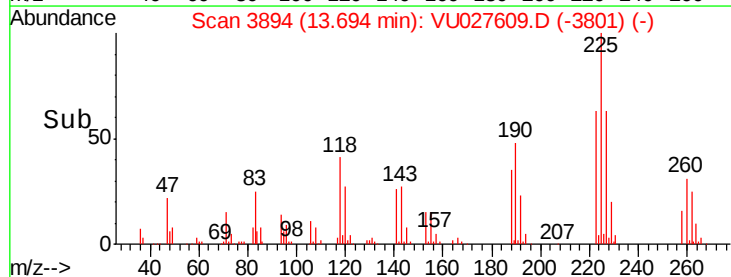
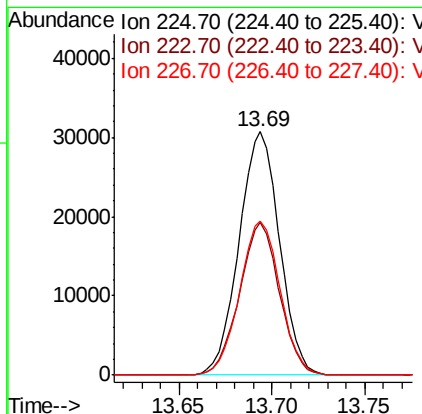
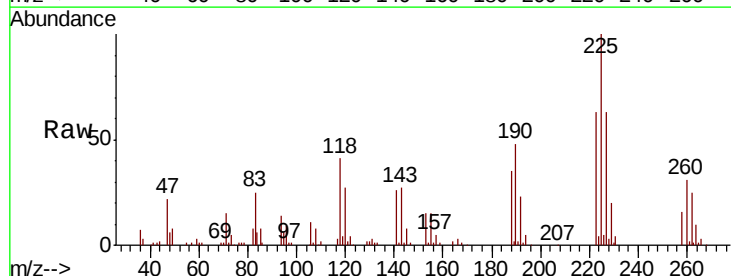
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

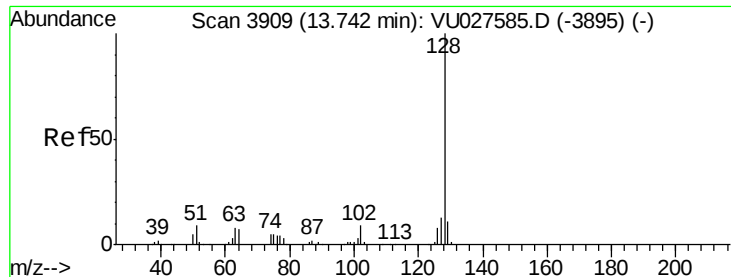
Tgt Ion:180 Resp: 101700  
 Ion Ratio Lower Upper  
 180 100  
 182 94.5 47.4 142.3  
 145 29.2 14.6 44.0



#94  
 Hexachlorobutadiene  
 Concen: 49.908 ug/l  
 RT: 13.69 min Scan# 3894  
 Delta R.T. -0.00 min  
 Lab File: VU027609.D  
 Acq: 11 Oct 2018 19:14

Tgt Ion:225 Resp: 46685  
 Ion Ratio Lower Upper  
 225 100  
 223 61.8 31.8 95.3  
 227 63.4 31.9 95.7





#95

Naphthalene

Concen: 51.023 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. -0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

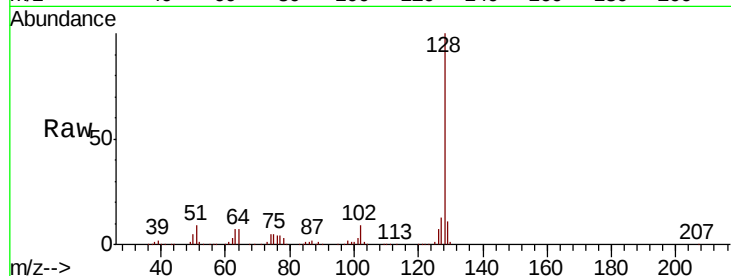
Tgt Ion:128 Resp: 357134

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

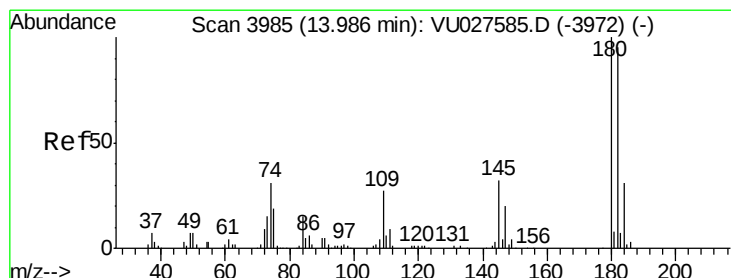
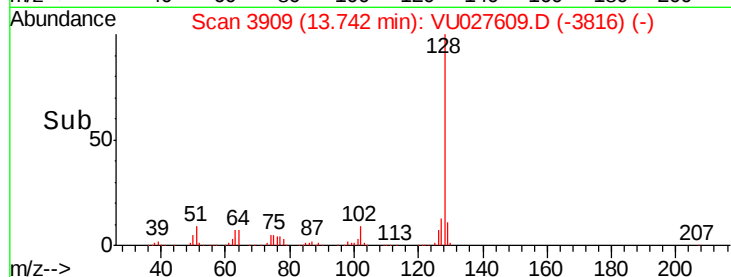
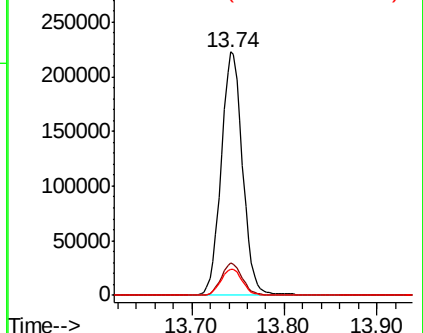
129 10.7 8.6 12.8



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: 54.252 ug/l

RT: 13.99 min Scan# 3986

Delta R.T. 0.00 min

Lab File: VU027609.D

Acq: 11 Oct 2018 19:14

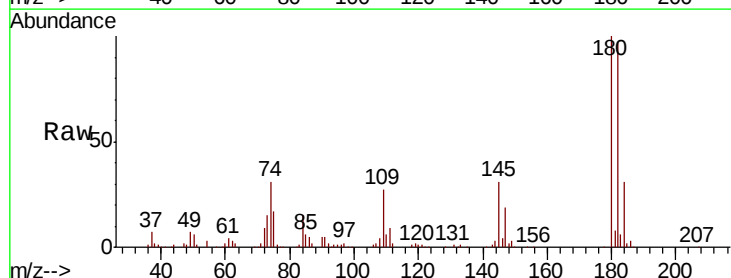
Tgt Ion:180 Resp: 104137

Ion Ratio Lower Upper

180 100

182 98.1 47.4 142.2

145 31.5 15.9 47.7



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

