

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100218\  
 Data File : VU027337.D  
 Acq On : 02 Oct 2018 10:18  
 Operator : MD/SY  
 Sample : VU1002WBS01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1002WBS01

Quant Time: Oct 03 02:02:16 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U100118W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 02 02:04:34 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.98  | 168  | 101513   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 168423   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 158692   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 74978    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 78141    | 46.10  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 92.20% |          |
| 35) Dibromofluoromethane    | 4.88  | 113  | 55047    | 47.69  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 95.38% |          |
| 50) Toluene-d8              | 7.57  | 98   | 206643   | 47.83  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 95.66% |          |
| 62) 4-Bromofluorobenzene    | 10.31 | 95   | 72315    | 45.04  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 90.08% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.21 | 85   | 28607    | 19.547 | ug/l  | 96     |
| 3) Chloromethane              | 1.33 | 50   | 38001    | 19.179 | ug/l  | 98     |
| 4) Vinyl Chloride             | 1.40 | 62   | 35048    | 18.817 | ug/l  | 100    |
| 5) Bromomethane               | 1.62 | 94   | 14533    | 18.032 | ug/l  | 100    |
| 6) Chloroethane               | 1.70 | 64   | 19862    | 17.746 | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 1.88 | 101  | 37451    | 19.817 | ug/l  | 98     |
| 8) Diethyl Ether              | 2.10 | 74   | 16447    | 18.892 | ug/l  | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.29 | 101  | 21526    | 19.613 | ug/l  | 98     |
| 10) Methyl Iodide             | 2.41 | 142  | 14048    | 20.519 | ug/l  | 98     |
| 11) Tert butyl alcohol        | 2.83 | 59   | 32528    | 91.126 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 2.28 | 96   | 19747    | 18.416 | ug/l  | 96     |
| 13) Acrolein                  | 2.19 | 56   | 22811    | 76.157 | ug/l  | 99     |
| 14) Allyl chloride            | 2.59 | 41   | 46590    | 18.297 | ug/l  | 98     |
| 15) Acrylonitrile             | 2.94 | 53   | 86020    | 92.588 | ug/l  | 100    |
| 16) Acetone                   | 2.32 | 43   | 90103    | 89.978 | ug/l  | 100    |
| 17) Carbon Disulfide          | 2.48 | 76   | 68692    | 17.762 | ug/l  | 100    |
| 18) Methyl Acetate            | 2.62 | 43   | 43253    | 18.934 | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 3.00 | 73   | 79513    | 18.507 | ug/l  | 100    |
| 20) Methylene Chloride        | 2.70 | 84   | 25726    | 18.443 | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 2.98 | 96   | 21839    | 18.141 | ug/l  | 97     |
| 22) Diisopropyl ether         | 3.57 | 45   | 99529    | 19.231 | ug/l  | 96     |
| 23) Vinyl Acetate             | 3.52 | 43   | 424302   | 93.878 | ug/l  | 98     |
| 24) 1,1-Dichloroethane        | 3.45 | 63   | 50887    | 19.126 | ug/l  | 99     |
| 25) 2-Butanone                | 4.26 | 43   | 127340   | 93.251 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 4.22 | 77   | 40892    | 18.705 | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 4.23 | 96   | 25239    | 18.333 | ug/l  | 97     |
| 28) Bromochloromethane        | 4.55 | 49   | 25001    | 19.477 | ug/l  | 97     |
| 29) Tetrahydrofuran           | 4.64 | 42   | 79447    | 92.317 | ug/l  | 100    |
| 30) Chloroform                | 4.67 | 83   | 45792    | 19.372 | ug/l  | 99     |
| 31) Cyclohexane               | 5.00 | 56   | 49503    | 18.057 | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 4.92 | 97   | 37659    | 18.916 | ug/l  | 96     |
| 36) 1,1-Dichloropropene       | 5.14 | 75   | 34304    | 18.759 | ug/l  | 100    |
| 37) Ethyl Acetate             | 4.38 | 43   | 44768    | 18.942 | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.13 | 117  | 32349    | 19.583 | ug/l  | 97     |

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 MSVOA\_U  
 ClientSampleId :  
 VU1002WBS01

Quant Time: Oct 03 02:02:16 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U100118W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 02 02:04:34 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 6.42  | 83   | 38373    | 17.951  | ug/l   | 99       |
| 40) Benzene                    | 5.39  | 78   | 103515   | 19.433  | ug/l   | 99       |
| 41) Methacrylonitrile          | 4.54  | 41   | 25329    | 18.961  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 5.40  | 62   | 39521    | 19.988  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 5.55  | 43   | 70589    | 19.231  | ug/l   | 99       |
| 44) Trichloroethene            | 6.19  | 130  | 22281    | 18.759  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 6.43  | 63   | 30597    | 19.915  | ug/l   | 98       |
| 46) Dibromomethane             | 6.56  | 93   | 17215    | 19.839  | ug/l   | 98       |
| 47) Bromodichloromethane       | 6.76  | 83   | 34581    | 19.206  | ug/l   | 99       |
| 48) Methyl methacrylate        | 6.62  | 41   | 33995    | 18.624  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 6.61  | 88   | 12955    | 412.493 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 7.46  | 43   | 234282   | 98.223  | ug/l   | 98       |
| 52) Toluene                    | 7.64  | 92   | 60835    | 19.295  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 7.88  | 75   | 38890    | 18.421  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 7.27  | 75   | 43848    | 19.320  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 8.07  | 97   | 24127    | 19.301  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 8.02  | 69   | 37379    | 17.177  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 8.24  | 76   | 46986    | 19.362  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.13  | 63   | 106532   | 86.599  | ug/l   | 99       |
| 59) 2-Hexanone                 | 8.36  | 43   | 176894   | 95.605  | ug/l   | 98       |
| 60) Dibromochloromethane       | 8.48  | 129  | 24884    | 19.848  | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 8.59  | 107  | 25442    | 19.142  | ug/l   | 99       |
| 64) Tetrachloroethene          | 8.23  | 164  | 19422    | 19.660  | ug/l   | 99       |
| 65) Chlorobenzene              | 9.12  | 112  | 61656    | 18.458  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 9.21  | 131  | 22292    | 19.331  | ug/l   | 100      |
| 67) Ethyl Benzene              | 9.25  | 91   | 108317   | 18.302  | ug/l   | 99       |
| 68) m/p-Xylenes                | 9.38  | 106  | 80397    | 37.139  | ug/l   | 99       |
| 69) o-Xylene                   | 9.78  | 106  | 38806    | 18.864  | ug/l   | 100      |
| 70) Styrene                    | 9.79  | 104  | 62715    | 17.858  | ug/l   | 98       |
| 71) Bromoform                  | 9.96  | 173  | 17048    | 18.375  | ug/l # | 97       |
| 73) Isopropylbenzene           | 10.17 | 105  | 105284   | 19.334  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.02 | 43   | 57685    | 18.504  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.46 | 83   | 41801    | 19.549  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 10.49 | 75   | 48266    | 24.833  | ug/l   | 84       |
| 77) Bromobenzene               | 10.45 | 156  | 24284    | 19.188  | ug/l   | 97       |
| 78) n-propylbenzene            | 10.59 | 91   | 124451   | 19.019  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 10.66 | 91   | 75582    | 19.130  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 10.77 | 105  | 87256    | 19.681  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 10.49 | 75   | 48266    | 64.991  | ug/l # | 100      |
| 82) 4-Chlorotoluene            | 10.77 | 91   | 86140    | 19.213  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.10 | 119  | 82197    | 19.178  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.15 | 105  | 88428    | 19.526  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.32 | 105  | 102797   | 19.036  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 11.48 | 119  | 88400    | 19.119  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 11.42 | 146  | 43611    | 18.198  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 11.51 | 146  | 44462    | 18.156  | ug/l   | 97       |
| 89) n-Butylbenzene             | 11.89 | 91   | 77547    | 17.138  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.15 | 117  | 16992    | 19.496  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 11.88 | 146  | 43413    | 18.611  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75   | 8951     | 18.888  | ug/l   | 97       |

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1002WBS01

Quant Time: Oct 03 02:02:16 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\82U100118W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 02 02:04:34 2018  
Response via : Initial Calibration

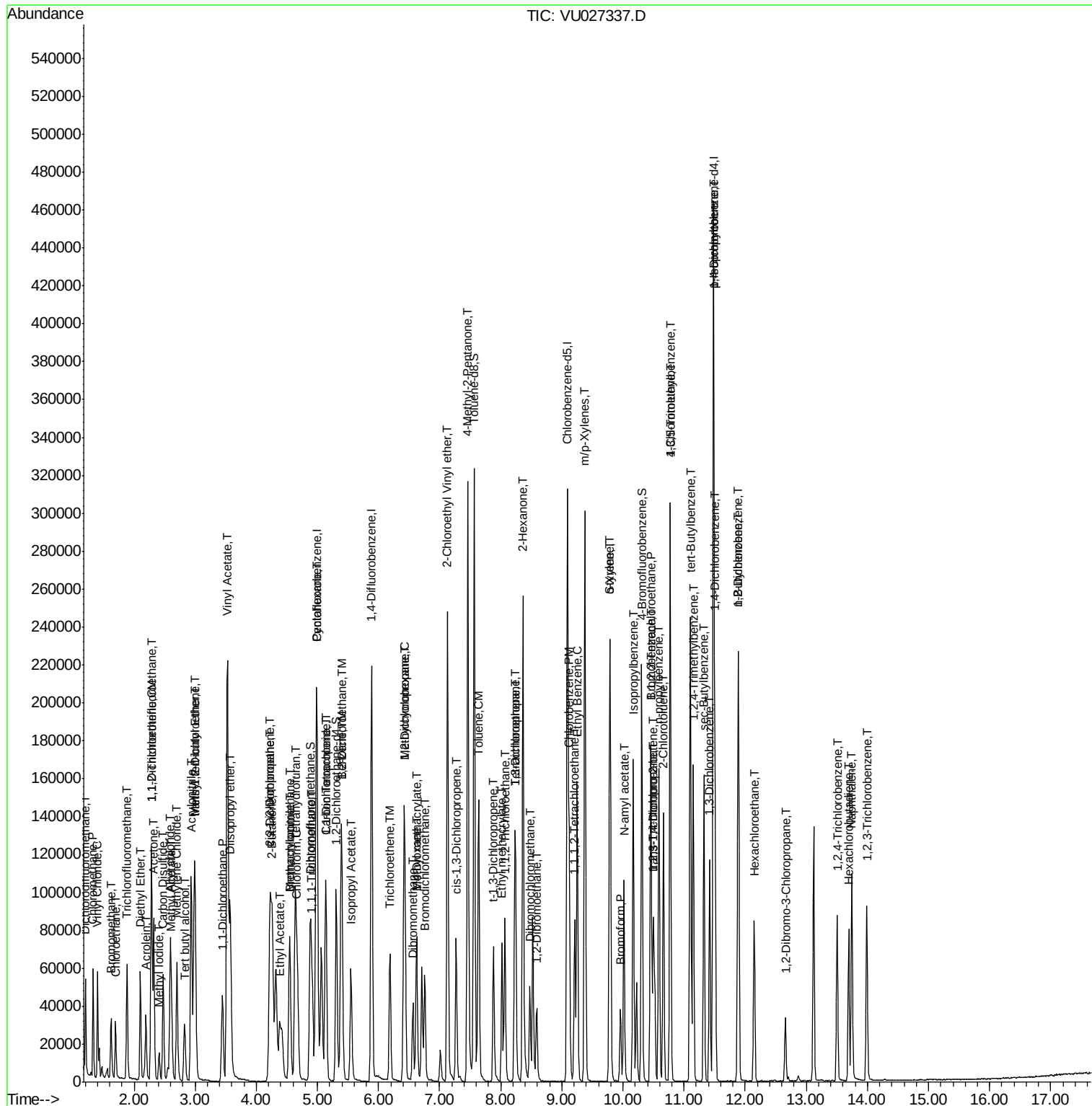
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.50 | 180  | 26065    | 17.269 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.69 | 225  | 13967    | 18.315 | ug/l  | 97       |
| 95) Naphthalene            | 13.75 | 128  | 86046    | 16.335 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180  | 27177    | 17.283 | ug/l  | 95       |

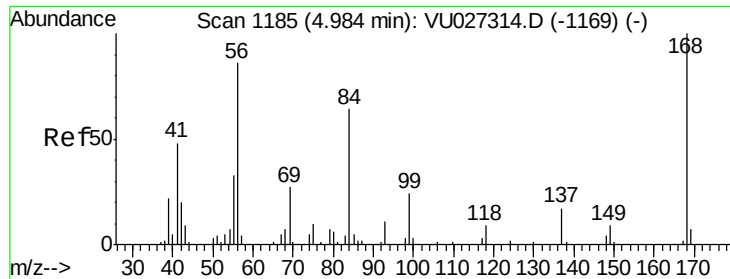
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 02 02:04:34 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

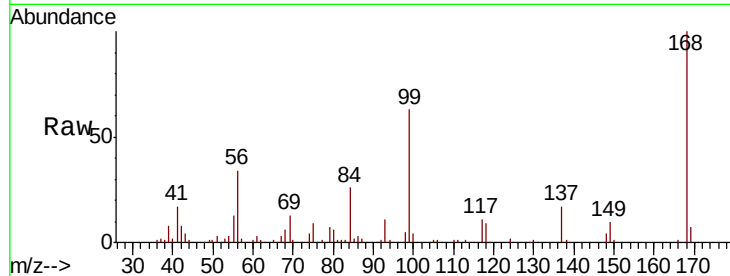
VU1002WBS01

Tot Ion:168 Resp: 101513

Ion Ratio Lower Upper

168 100

99 61.9 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.98

50000

40000

30000

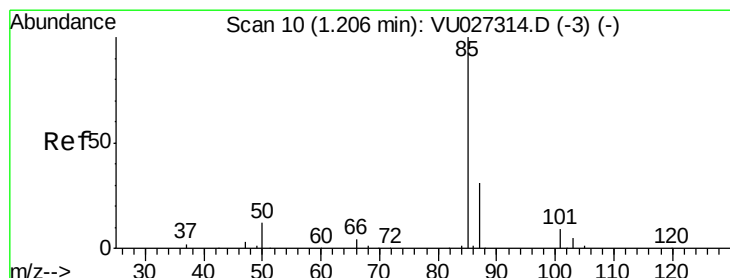
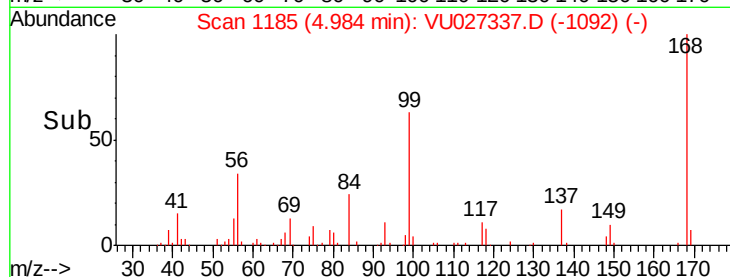
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 19.547 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027337.D

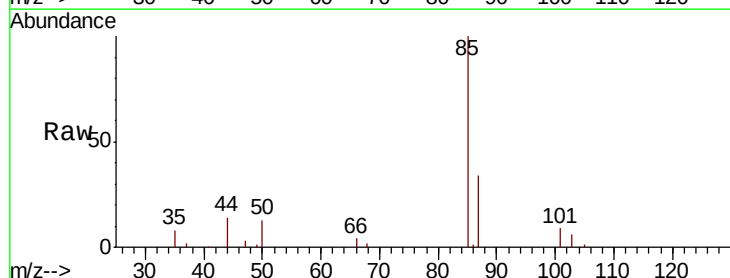
Acq: 02 Oct 2018 10:18

Tgt Ion: 85 Resp: 28607

Ion Ratio Lower Upper

85 100

87 33.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VU027314.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027314.D (-3) (-)

1.21

30000

25000

20000

15000

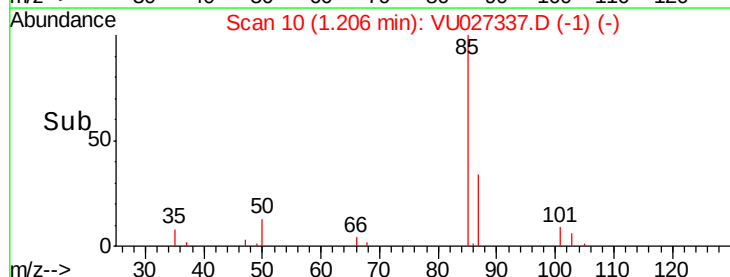
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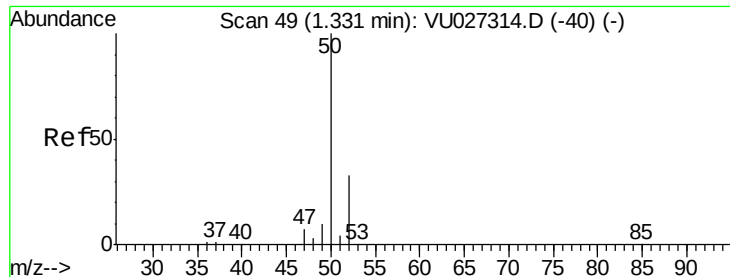
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.179 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

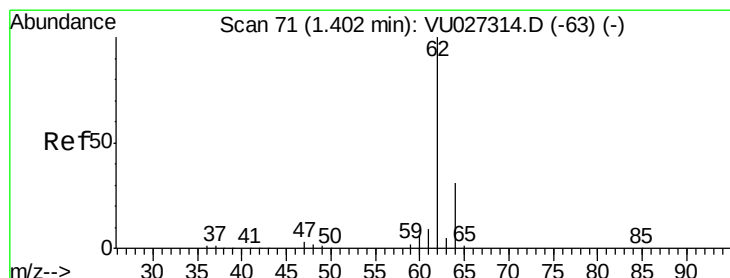
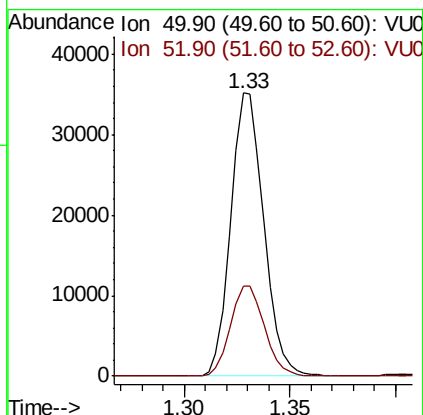
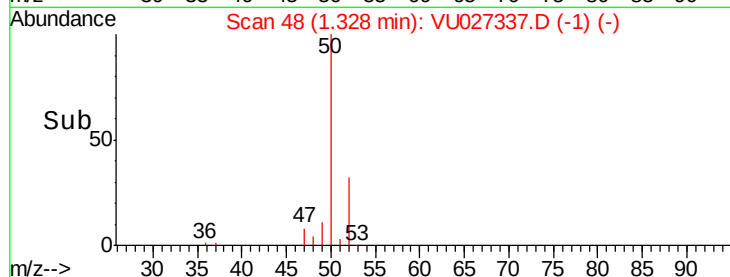
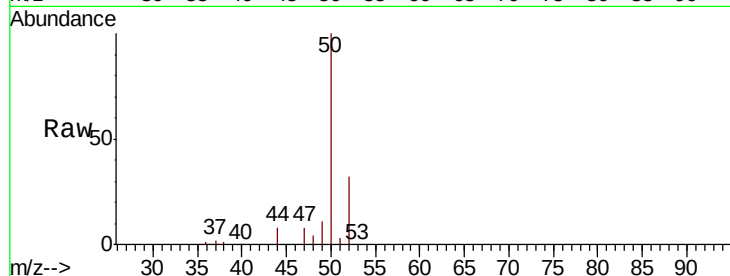
VU1002WBS01

Tot Ion: 50 Resp: 38001

Ion Ratio Lower Upper

50 100

52 31.8 26.5 39.7



#4

Vinyl Chloride

Concen: 18.817 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027337.D

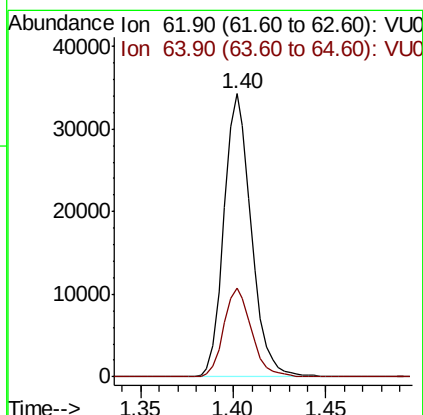
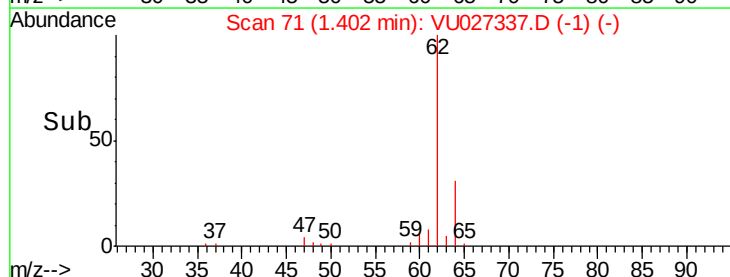
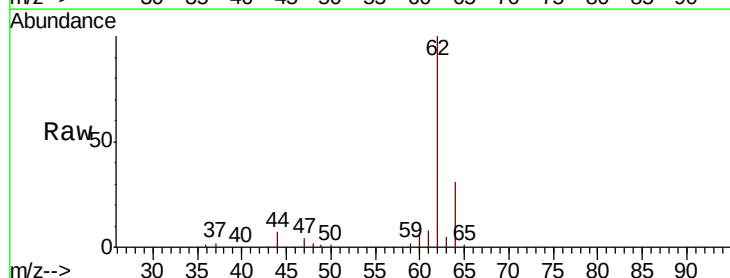
Acq: 02 Oct 2018 10:18

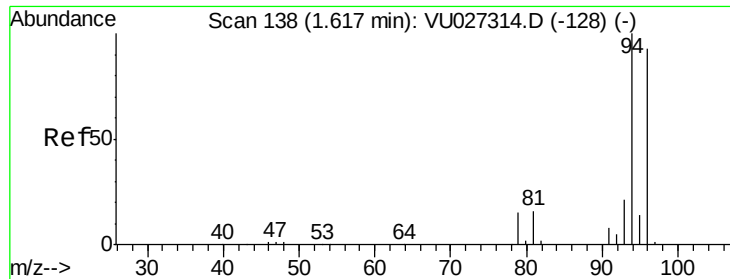
Tgt Ion: 62 Resp: 35048

Ion Ratio Lower Upper

62 100

64 31.2 24.9 37.3





#5

Bromomethane

Concen: 18.032 ug/l

RT: 1.62 min Scan# 140

Delta R.T. 0.01 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

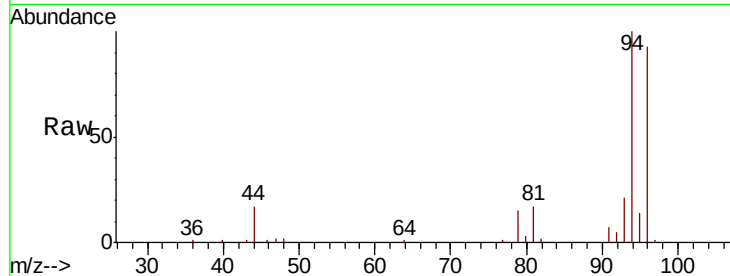
VU1002WBS01

Tot Ion: 94 Resp: 14533

Ion Ratio Lower Upper

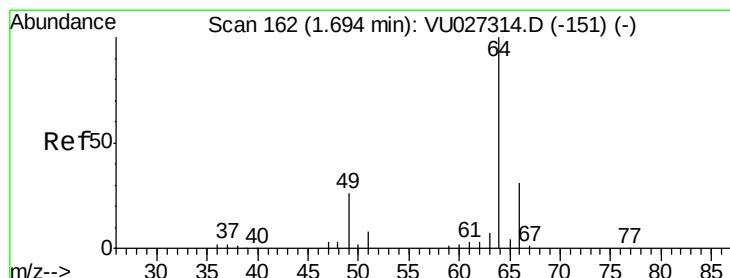
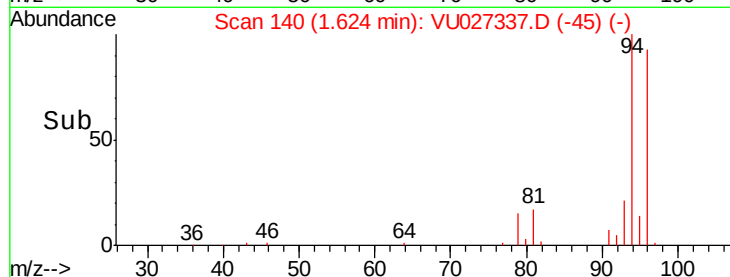
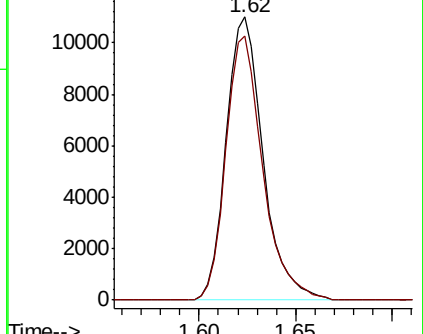
94 100

96 93.2 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 17.746 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027337.D

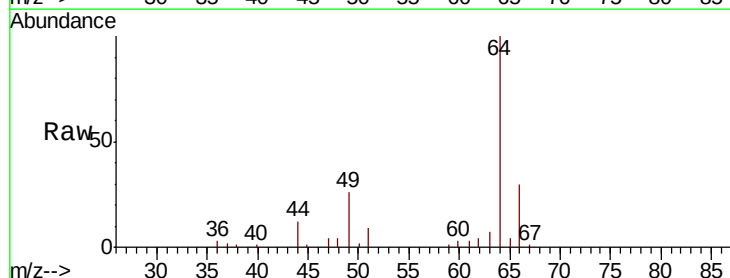
Acq: 02 Oct 2018 10:18

Tgt Ion: 64 Resp: 19862

Ion Ratio Lower Upper

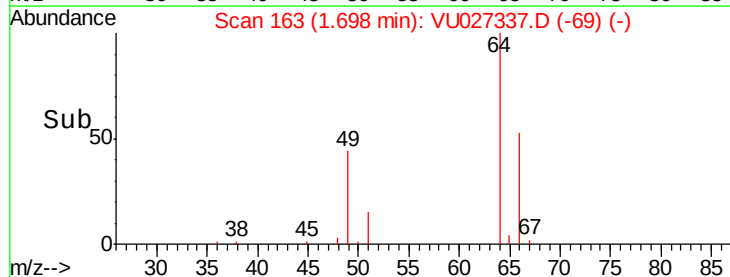
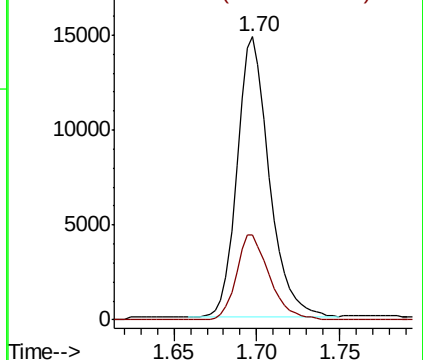
64 100

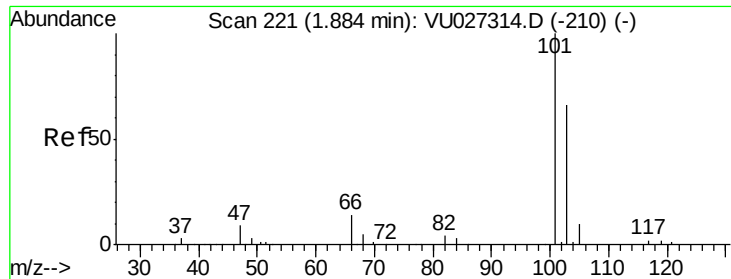
66 30.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



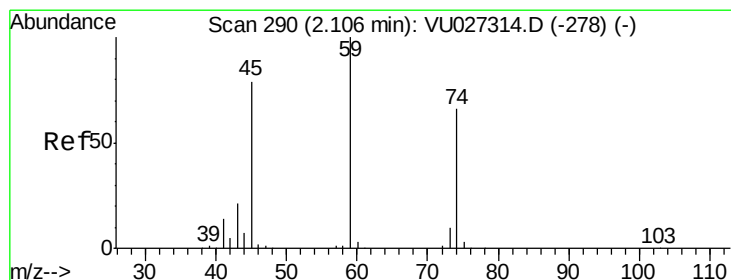
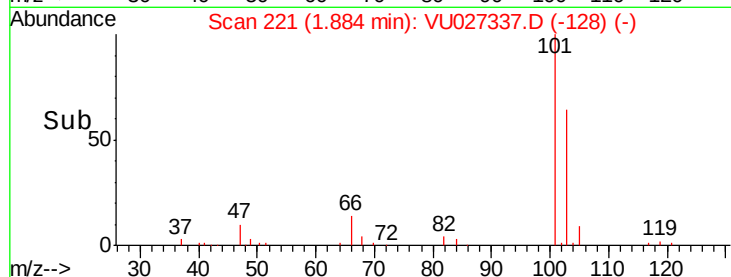
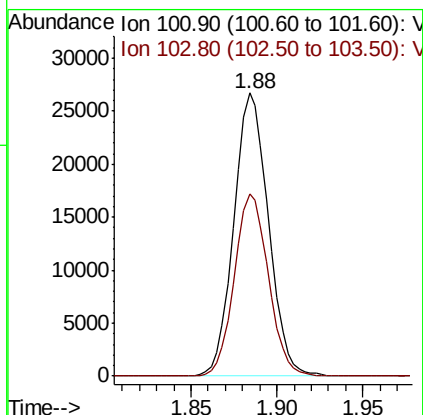
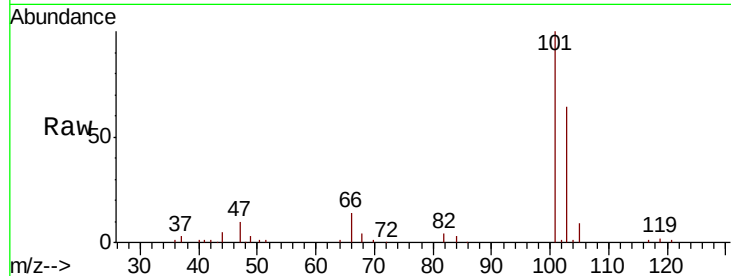


#7

Trichlorofluoromethane  
 Concen: 19.817 ug/l  
 RT: 1.88 min Scan# 221  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1002WBS01

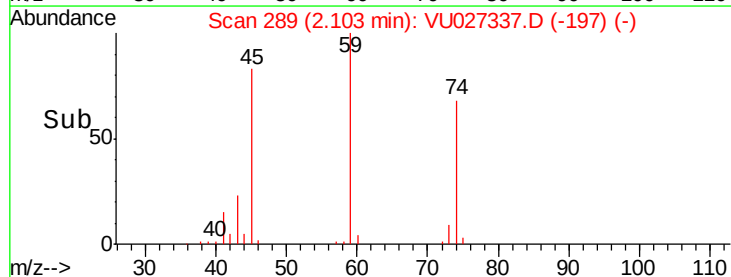
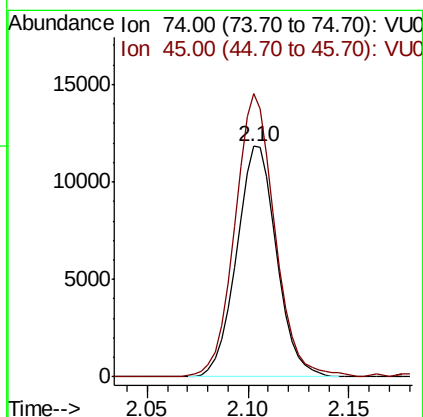
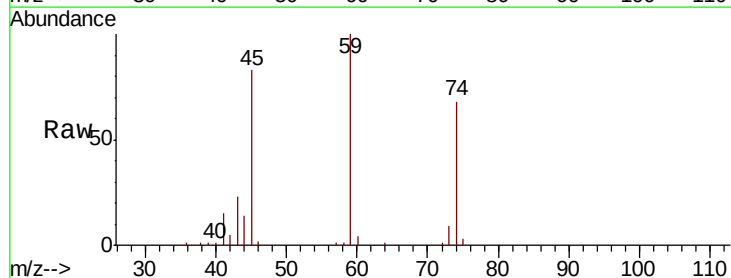
Tot Ion:101 Resp: 37451  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 52.6 78.8



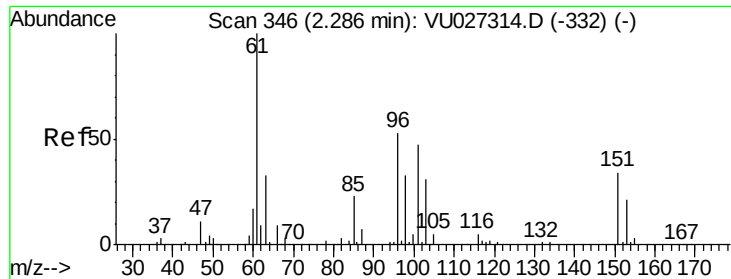
#8

Diethyl Ether  
 Concen: 18.892 ug/l  
 RT: 2.10 min Scan# 289  
 Delta R.T. -0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

Tgt Ion: 74 Resp: 16447  
 Ion Ratio Lower Upper  
 74 100  
 45 122.8 60.4 181.1







#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.613 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

VU1002WBS01

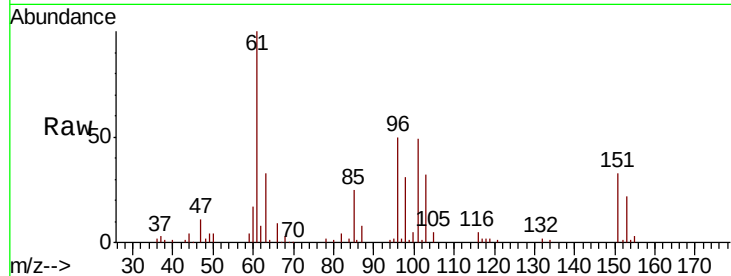
Tot Ion:101 Resp: 21526

Ion Ratio Lower Upper

101 100

85 48.5 37.5 56.3

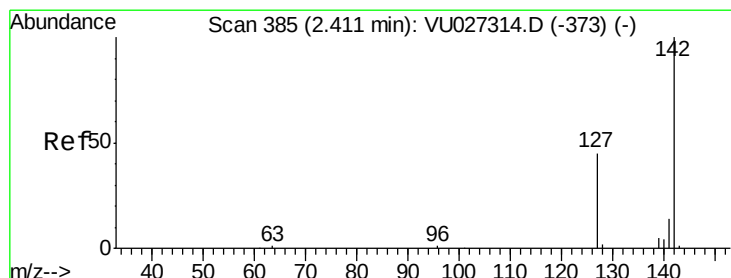
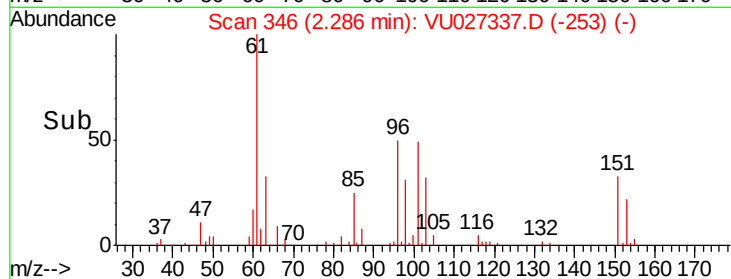
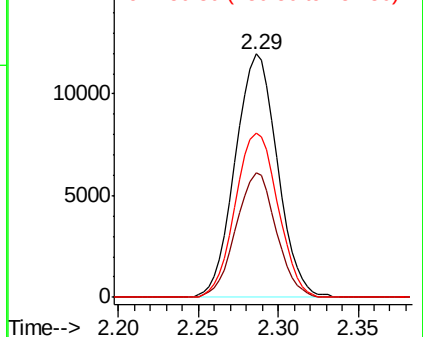
151 68.2 55.6 83.4



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: 20.519 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

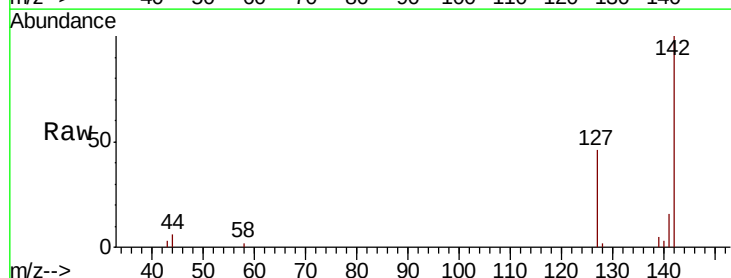
Tgt Ion:142 Resp: 14048

Ion Ratio Lower Upper

142 100

127 46.8 36.3 54.5

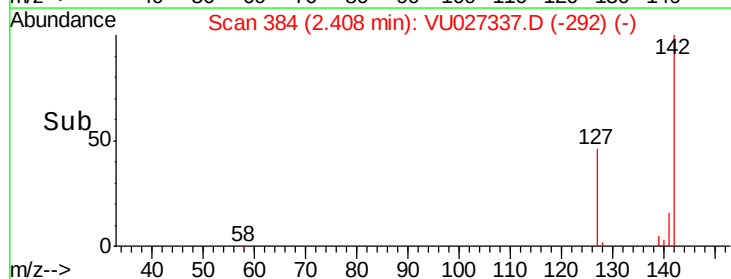
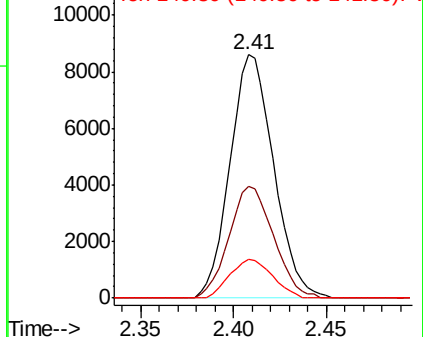
141 15.5 11.6 17.4

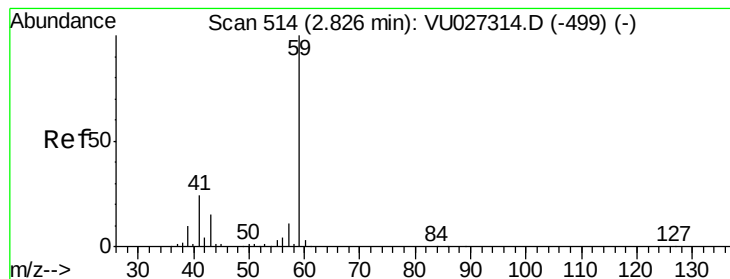


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.126 ug/l

RT: 2.83 min Scan# 514

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

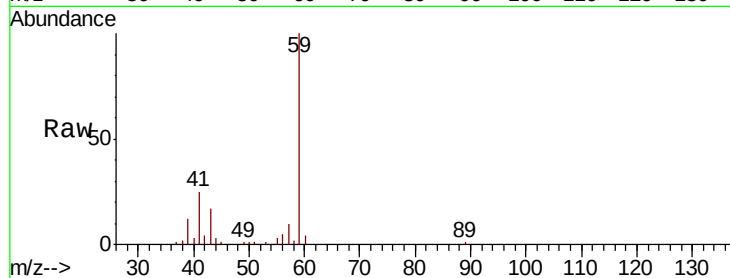
VU1002WBS01

Tot Ion: 59 Resp: 32528

Ion Ratio Lower Upper

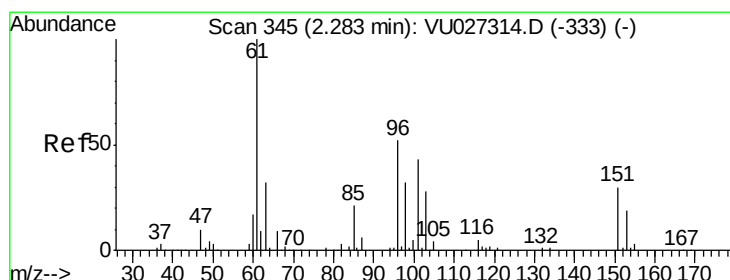
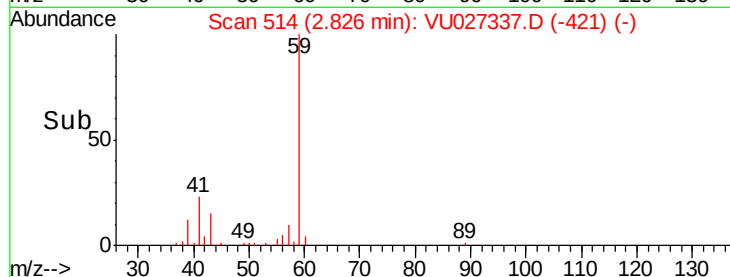
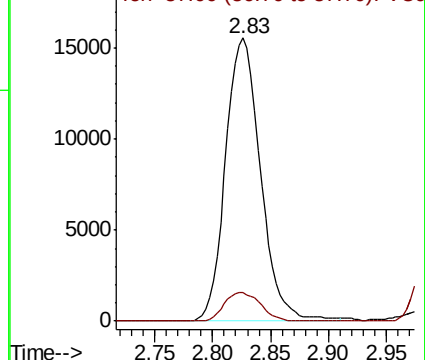
59 100

57 10.3 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#12

1,1-Dichloroethene

Concen: 18.416 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

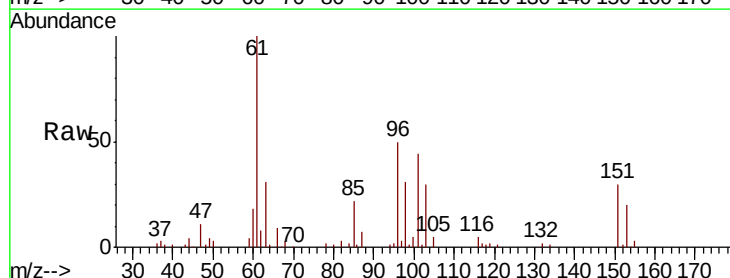
Tgt Ion: 96 Resp: 19747

Ion Ratio Lower Upper

96 100

61 199.2 153.0 229.6

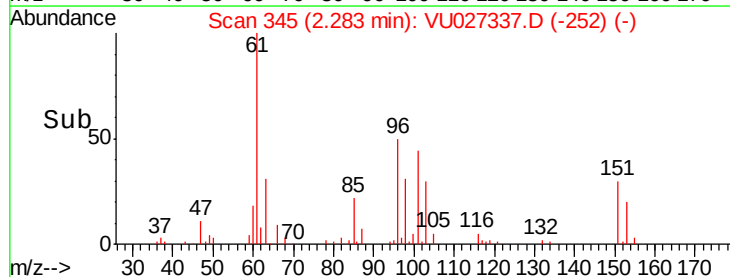
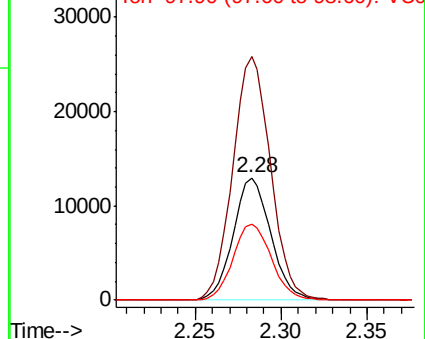
98 62.2 49.3 73.9

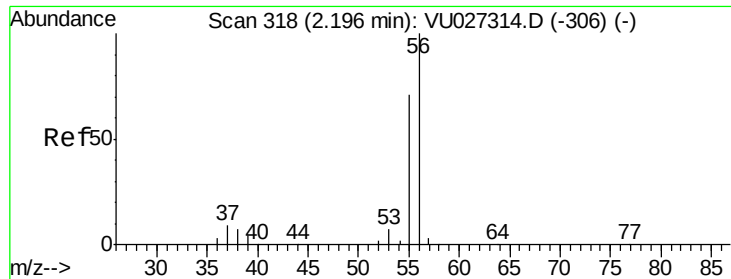


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

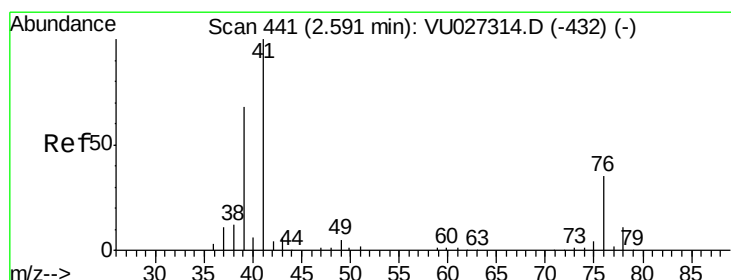
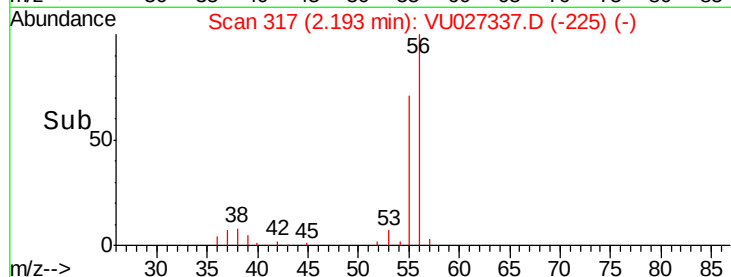
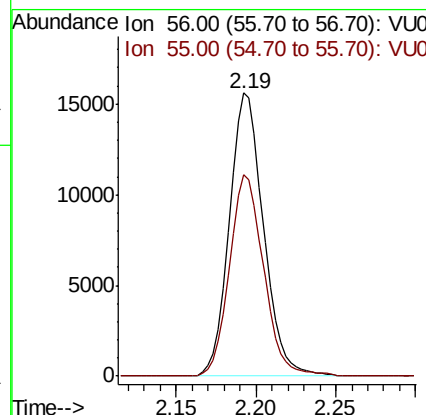
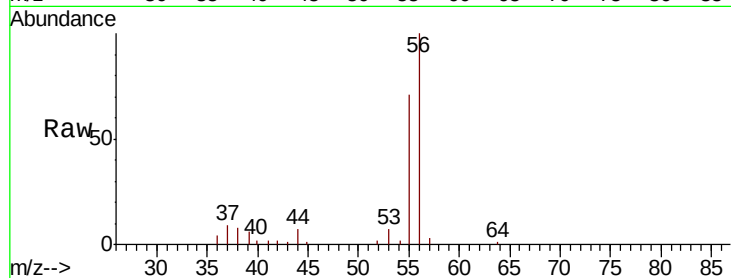




#13  
 Acrolein  
 Concen: 76.157 ug/l  
 RT: 2.19 min Scan# 317  
 Delta R.T. -0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

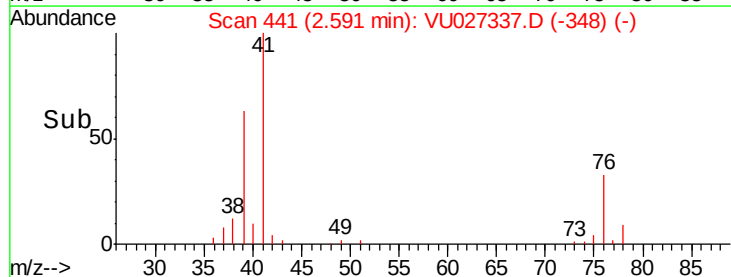
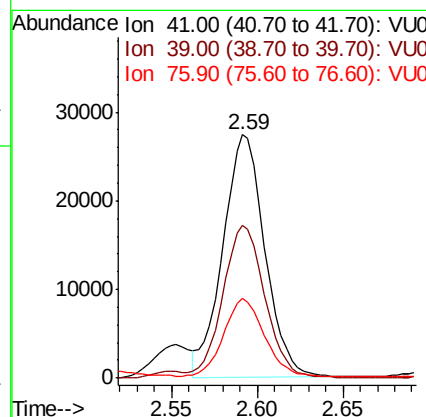
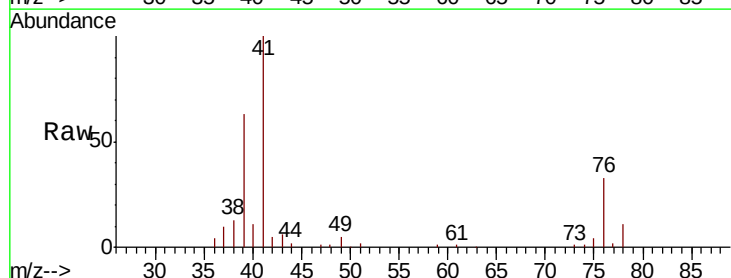
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1002WBS01

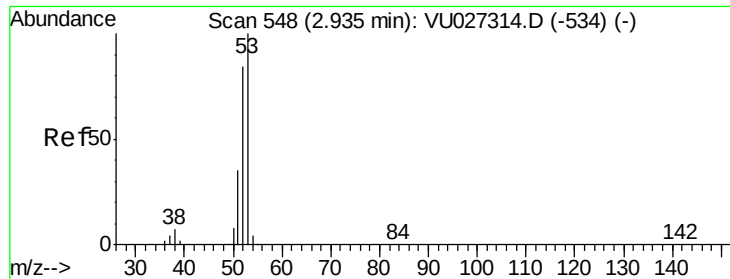
Tot Ion: 56 Resp: 22811  
 Ion Ratio Lower Upper  
 56 100  
 55 71.4 57.7 86.5



#14  
 Allyl chloride  
 Concen: 18.297 ug/l  
 RT: 2.59 min Scan# 441  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

Tgt Ion: 41 Resp: 46590  
 Ion Ratio Lower Upper  
 41 100  
 39 63.4 51.8 77.8  
 76 31.4 25.9 38.9





#15

Acrylonitrile

Concen: 92.588 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

VU1002WBS01

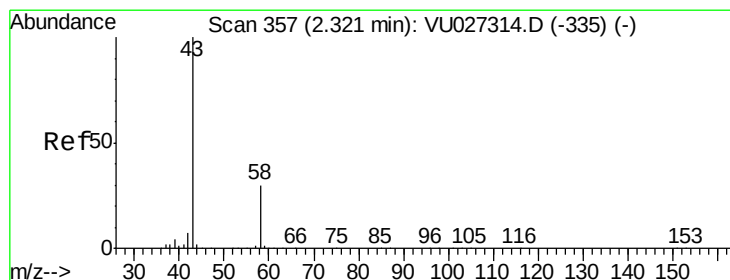
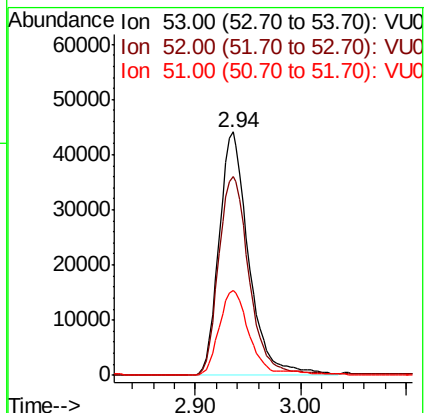
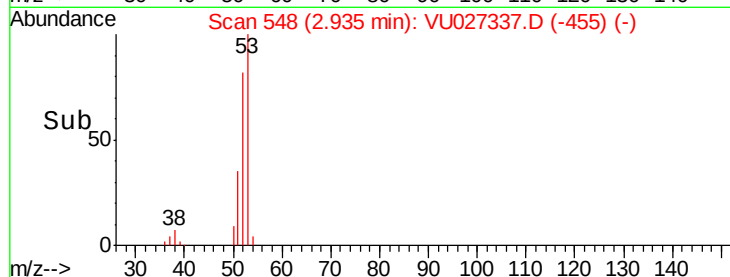
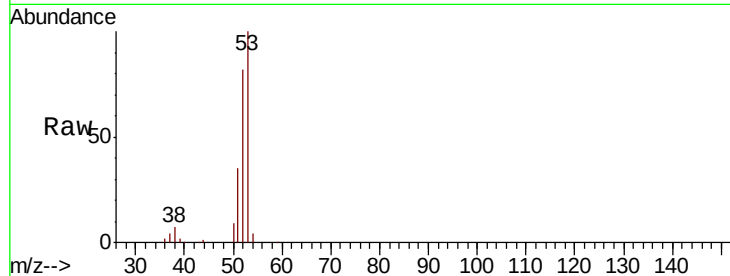
Tot Ion: 53 Resp: 86020

Ion Ratio Lower Upper

53 100

52 83.5 66.5 99.7

51 34.4 27.6 41.4



#16

Acetone

Concen: 89.978 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU027337.D

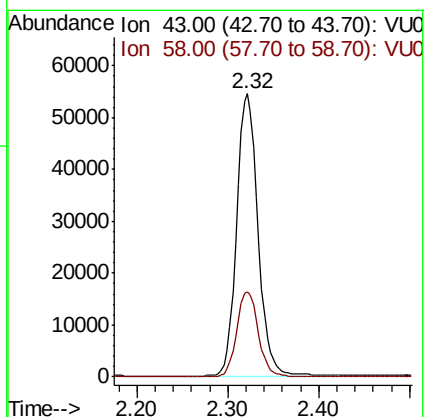
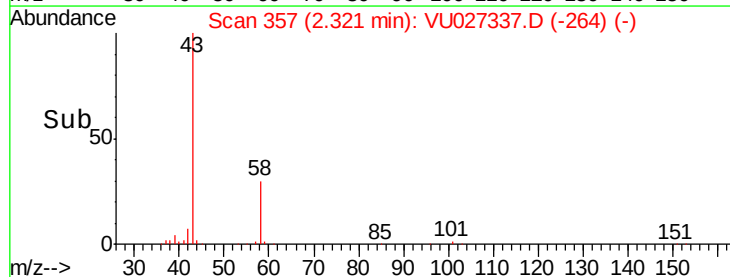
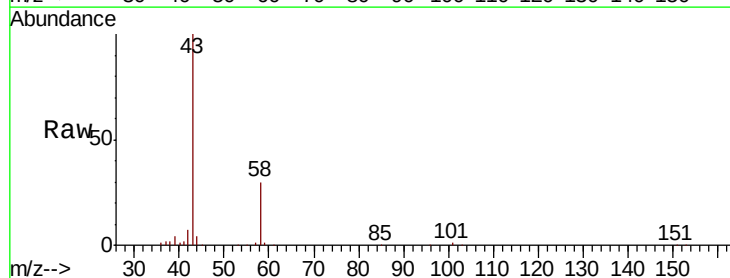
Acq: 02 Oct 2018 10:18

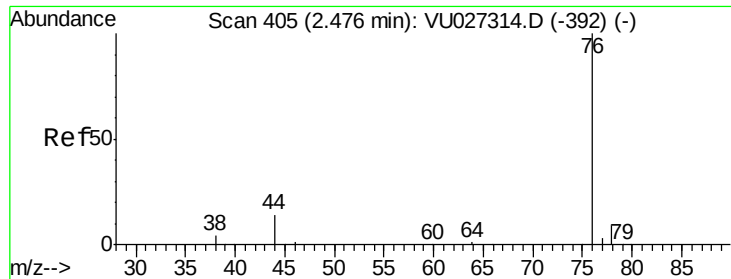
Tgt Ion: 43 Resp: 90103

Ion Ratio Lower Upper

43 100

58 30.2 24.2 36.4

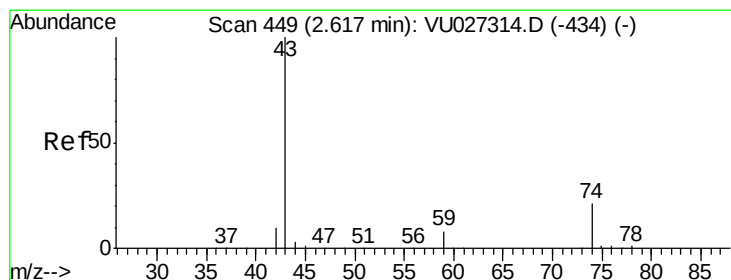
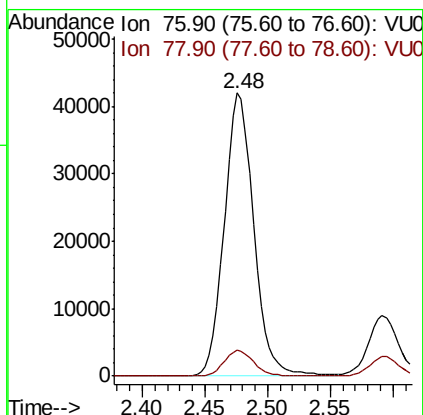
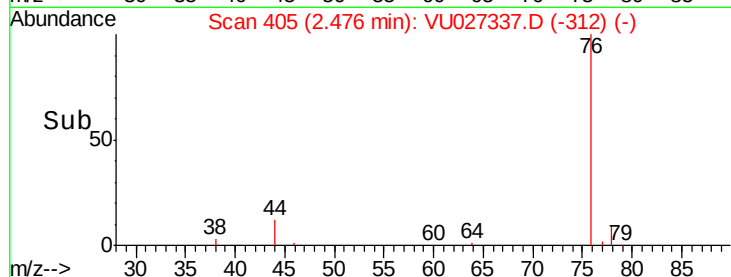
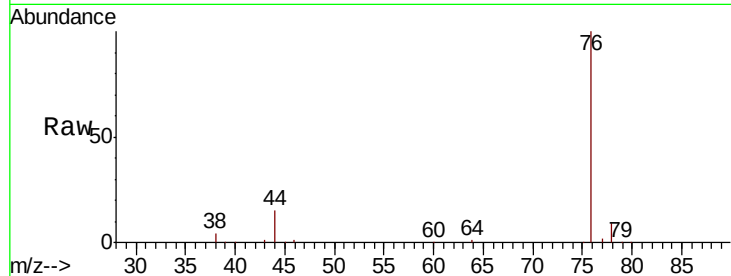




#17  
Carbon Disulfide  
Concen: 17.762 ug/l  
RT: 2.48 min Scan# 405  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

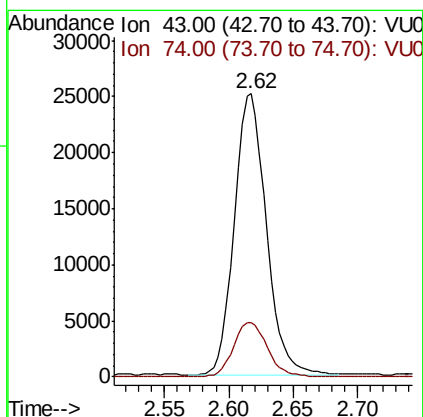
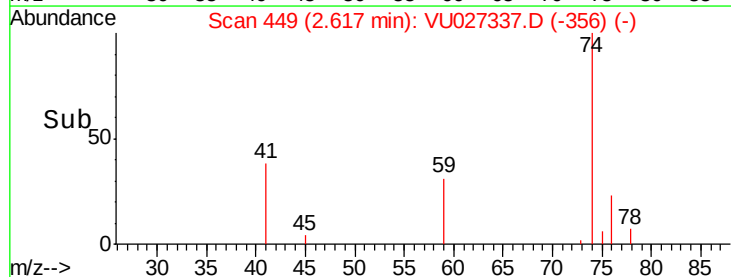
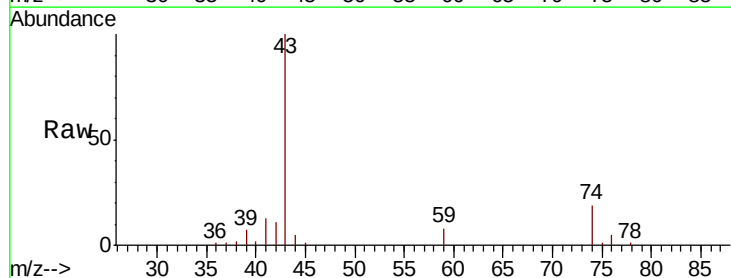
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1002WBS01

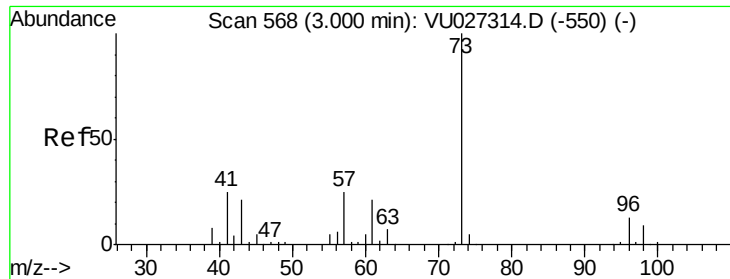
Tot Ion: 76 Resp: 68692  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.3 10.9



#18  
Methyl Acetate  
Concen: 18.934 ug/l  
RT: 2.62 min Scan# 449  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Tgt Ion: 43 Resp: 43253  
Ion Ratio Lower Upper  
43 100  
74 20.5 16.5 24.7

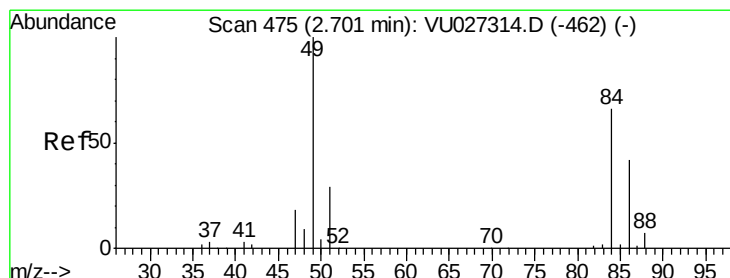
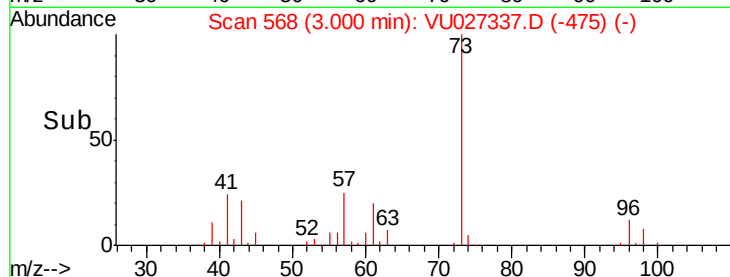
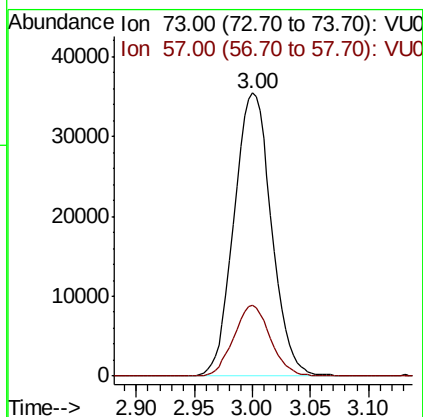
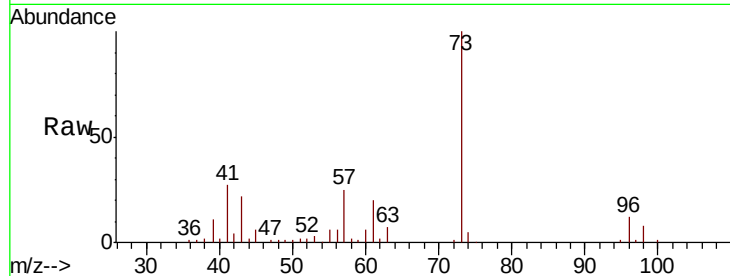




#19  
Methvl tert-butyl Ether  
Concen: 18.507 ug/l  
RT: 3.00 min Scan# 568  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

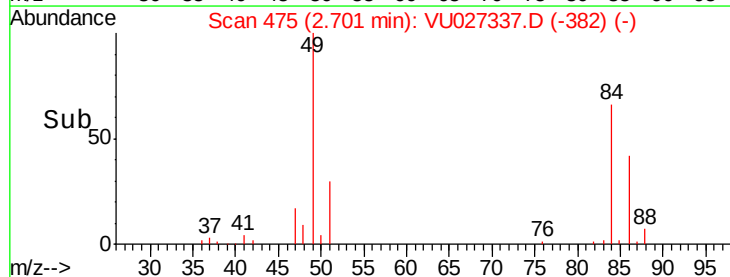
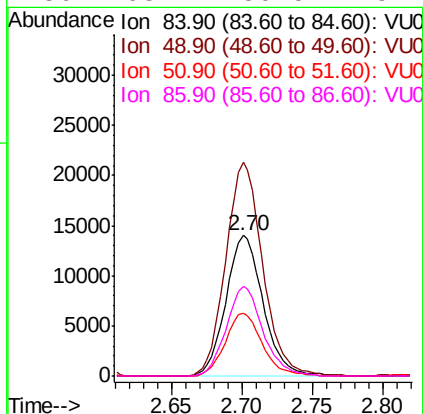
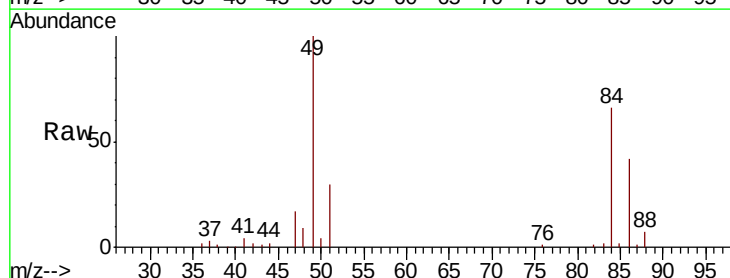
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1002WBS01

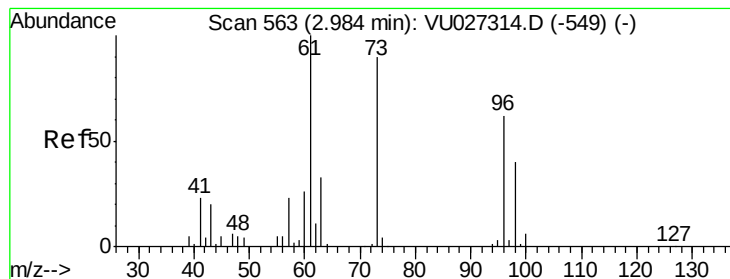
Tot Ion: 73 Resp: 79513  
Ion Ratio Lower Upper  
73 100  
57 24.9 20.0 30.0



#20  
Methylene Chloride  
Concen: 18.443 ug/l  
RT: 2.70 min Scan# 475  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Tgt Ion: 84 Resp: 25726  
Ion Ratio Lower Upper  
84 100  
49 152.0 120.5 180.7  
51 45.0 35.1 52.7  
86 63.7 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 18.141 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

VU1002WBS01

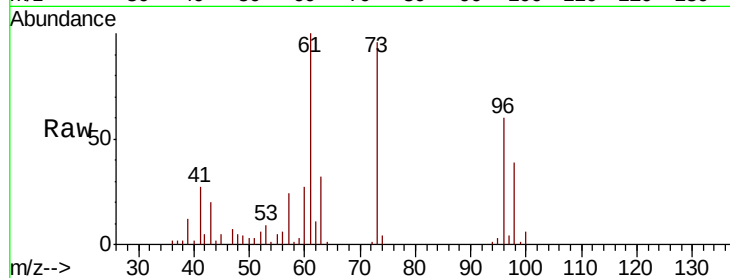
Tot Ion: 96 Resp: 21839

Ion Ratio Lower Upper

96 100

61 167.5 129.4 194.2

98 64.7 51.2 76.8

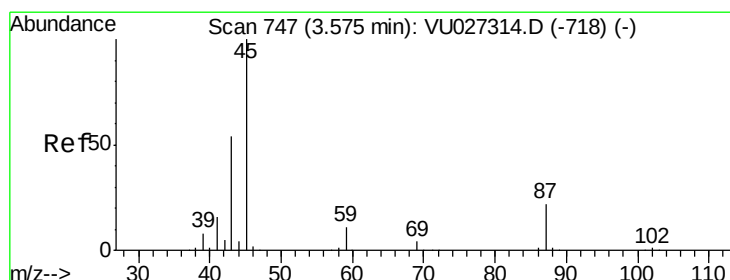
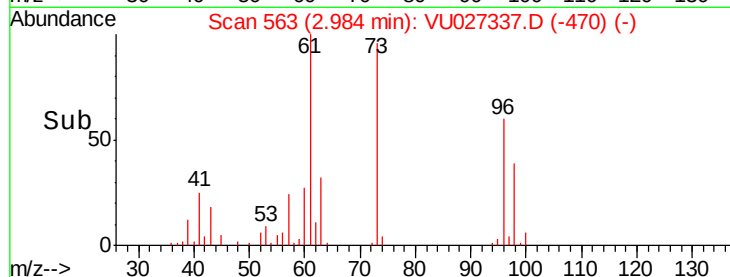
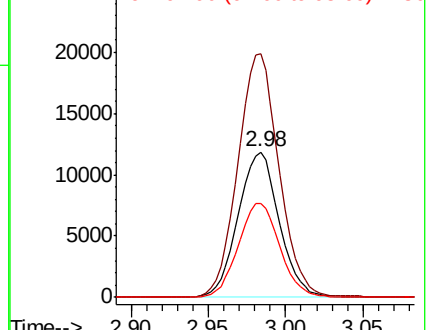


Abundance

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



#22

Diisopropyl ether

Concen: 19.231 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Tgt Ion: 45 Resp: 99529

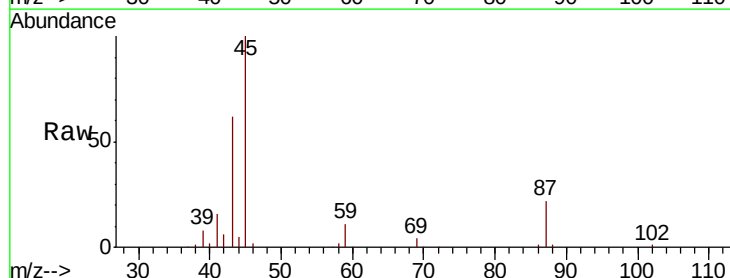
Ion Ratio Lower Upper

45 100

43 59.0 43.4 65.2

87 21.8 17.5 26.3

59 10.6 8.6 13.0



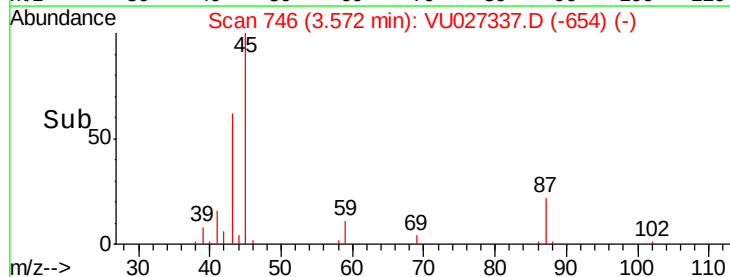
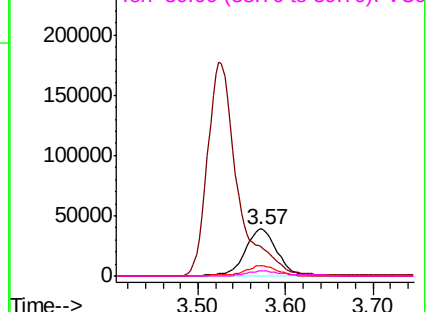
Abundance

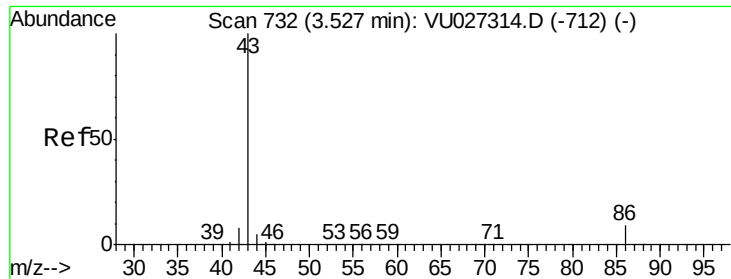
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 93.878 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

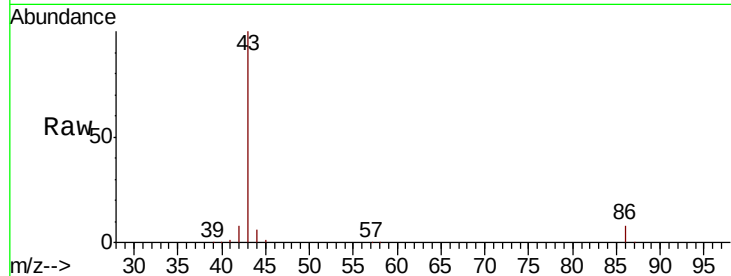
VU1002WBS01

Tot Ion: 43 Resp: 424302

Ion Ratio Lower Upper

43 100

86 8.1 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.52

200000

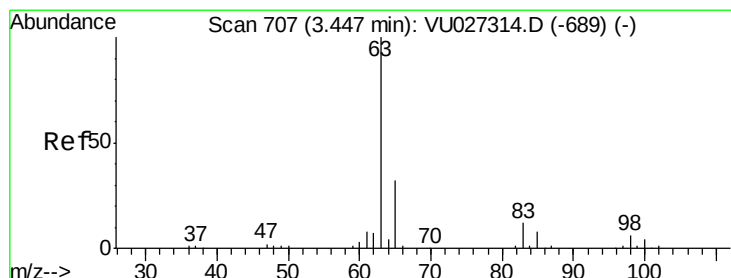
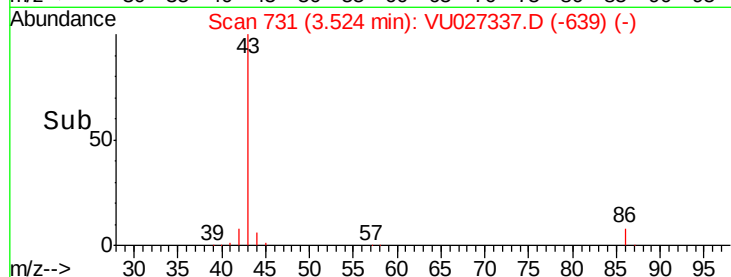
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.126 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

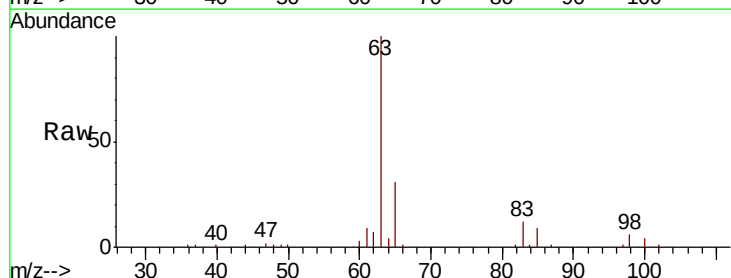
Tgt Ion: 63 Resp: 50887

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

100 4.2 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

3.45

30000

25000

20000

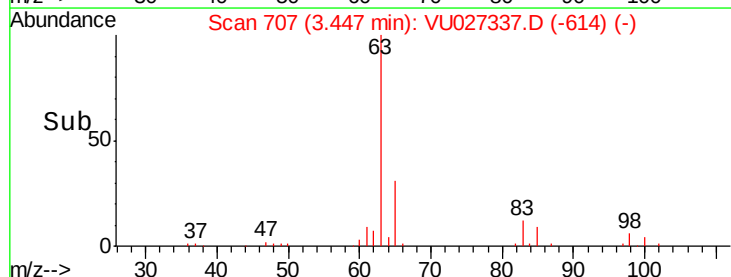
15000

10000

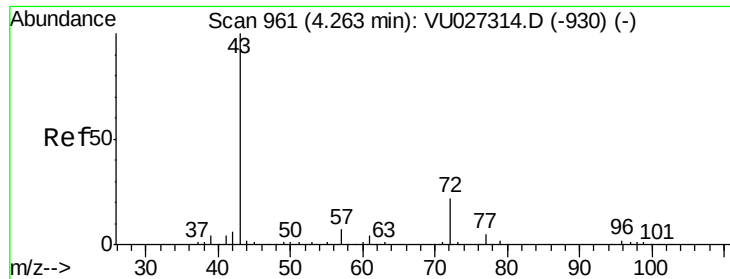
5000

0

Time-->







#25

2-Butanone

Concen: 93.251 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

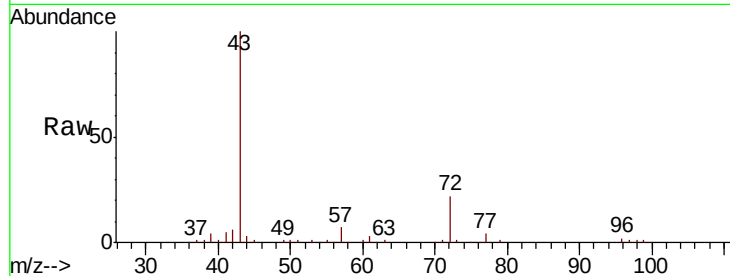
VU1002WBS01

Tot Ion: 43 Resp: 127340

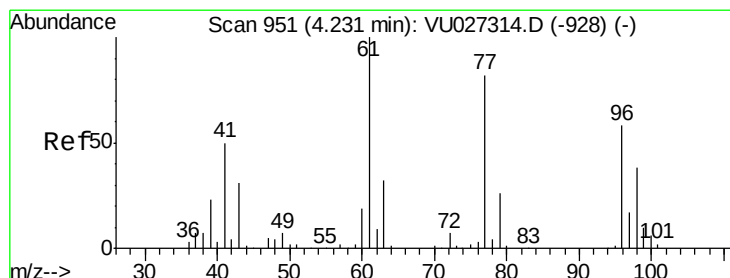
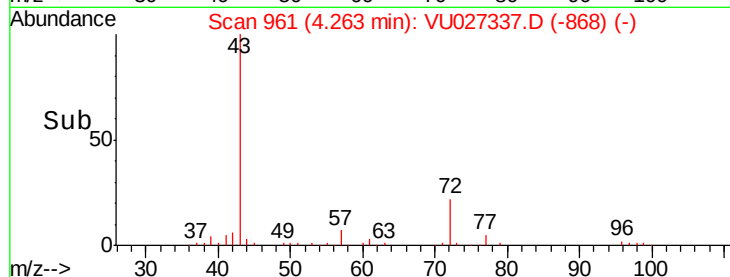
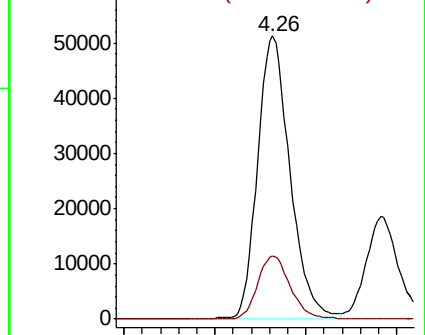
Ion Ratio Lower Upper

43 100

72 22.2 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU027337.D (-868) (-)



#26

2,2-Dichloropropane

Concen: 18.705 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.01 min

Lab File: VU027337.D

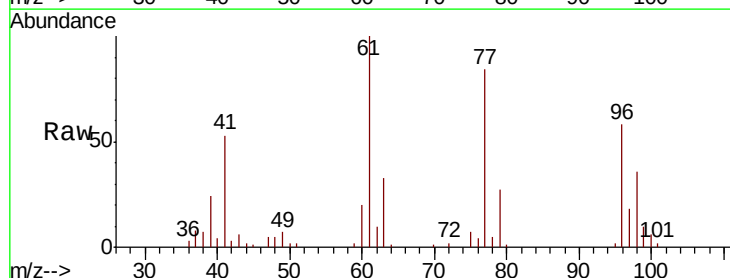
Acq: 02 Oct 2018 10:18

Tgt Ion: 77 Resp: 40892

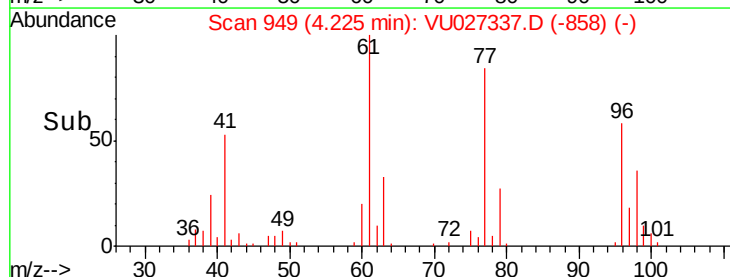
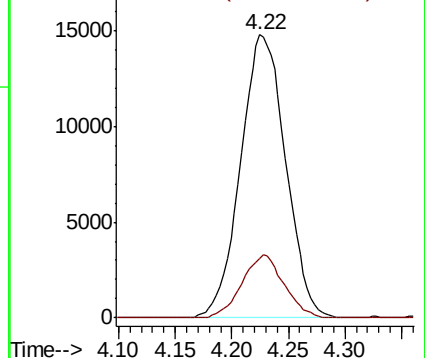
Ion Ratio Lower Upper

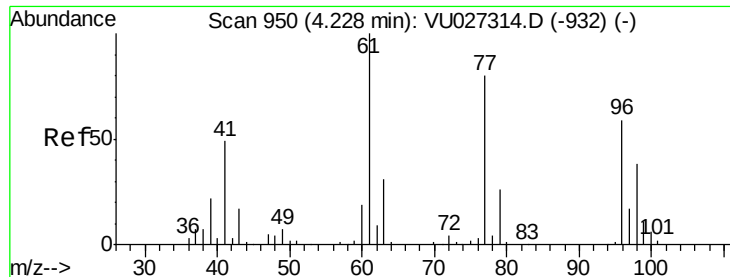
77 100

97 20.6 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU027337.D (-858) (-)



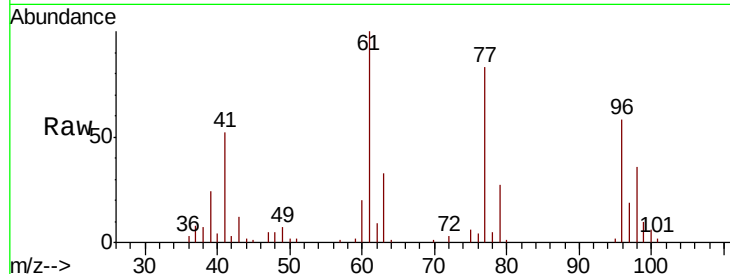


#27

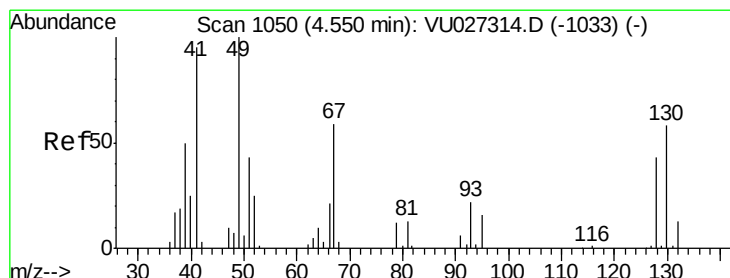
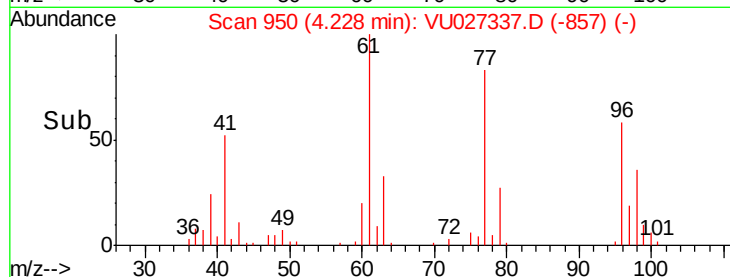
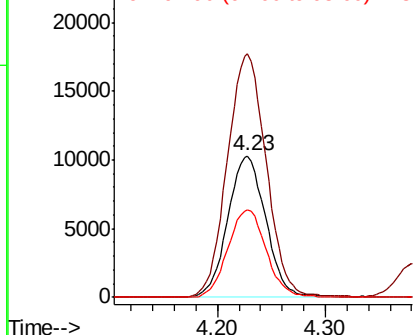
cis-1,2-Dichloroethene  
Concen: 18.333 ug/l  
RT: 4.23 min Scan# 950  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1002WBS01

Tot Ion: 96 Resp: 25239  
Ion Ratio Lower Upper  
96 100  
61 175.8 0.0 343.8  
98 62.4 0.0 129.0



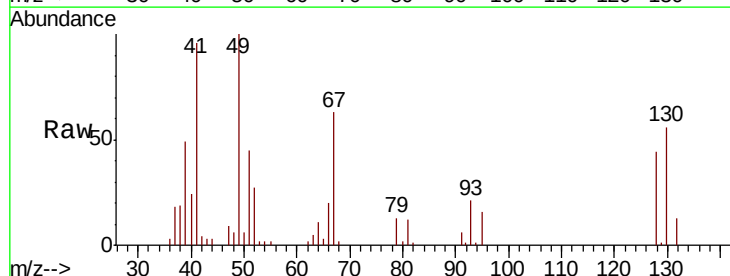
Abundance Ion 95.90 (95.60 to 96.60): VU0  
Ion 60.90 (60.60 to 61.60): VU0  
Ion 97.90 (97.60 to 98.60): VU0



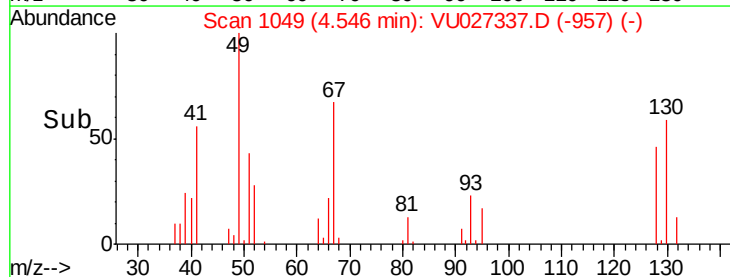
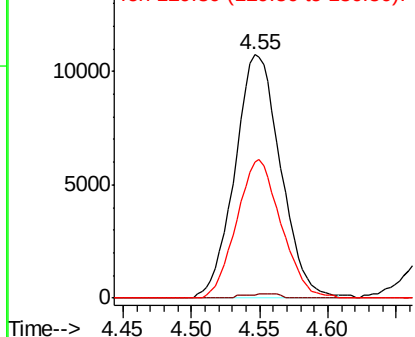
#28

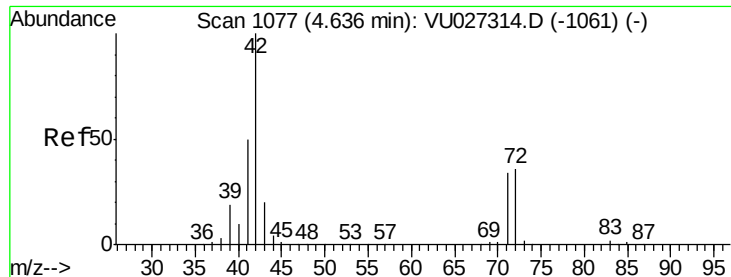
Bromochloromethane  
Concen: 19.477 ug/l  
RT: 4.55 min Scan# 1049  
Delta R.T. -0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Tgt Ion: 49 Resp: 25001  
Ion Ratio Lower Upper  
49 100  
129 1.3 0.0 3.0  
130 55.3 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

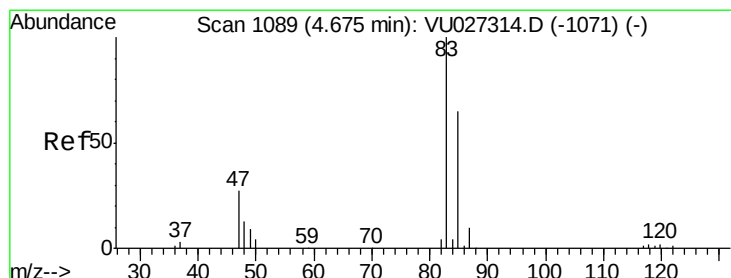
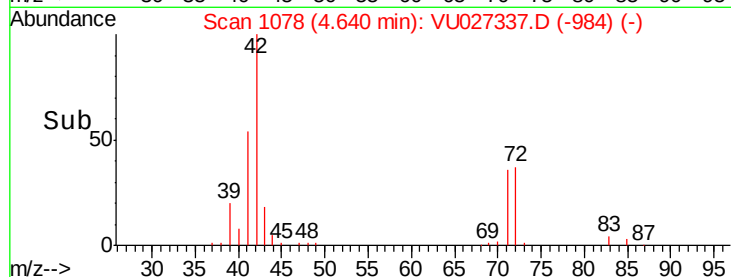
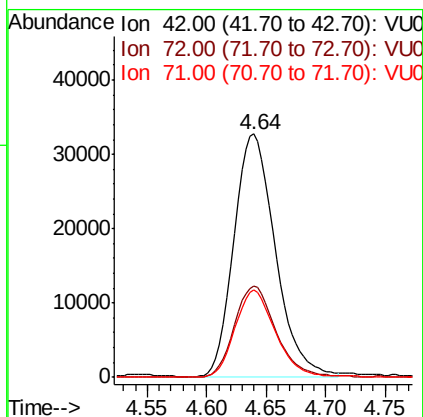
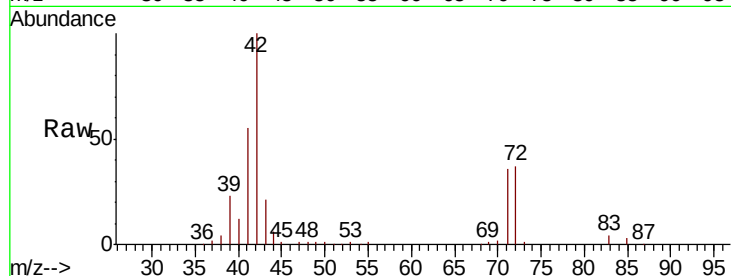




#29  
Tetrahydrofuran  
Concen: 92.317 ug/l  
RT: 4.64 min Scan# 1078  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

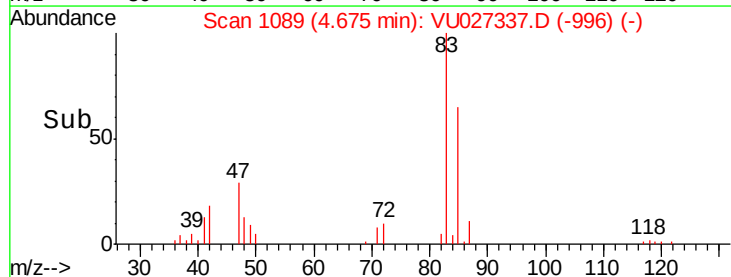
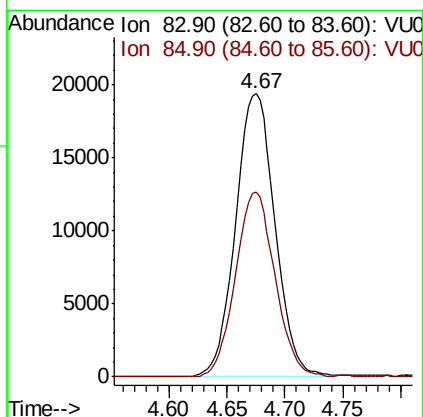
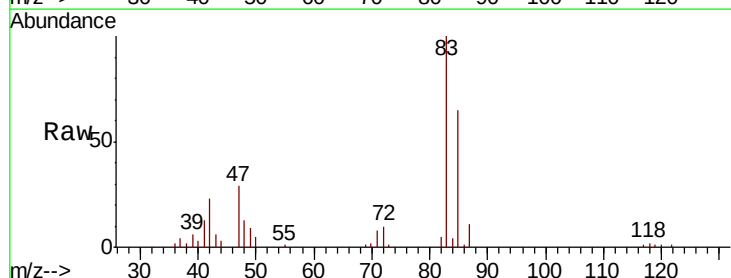
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1002WBS01

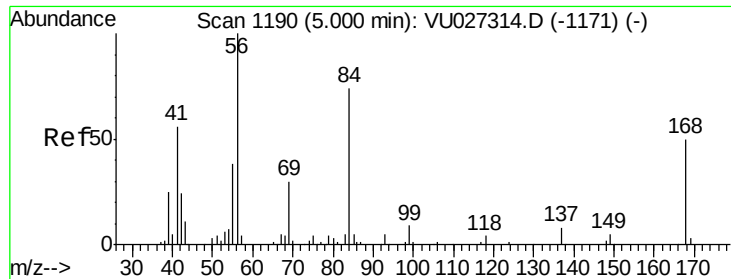
Tot Ion: 42 Resp: 79447  
Ion Ratio Lower Upper  
42 100  
72 37.5 30.1 45.1  
71 34.6 27.7 41.5



#30  
Chloroform  
Concen: 19.372 ug/l  
RT: 4.67 min Scan# 1089  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Tgt Ion: 83 Resp: 45792  
Ion Ratio Lower Upper  
83 100  
85 65.5 51.8 77.6

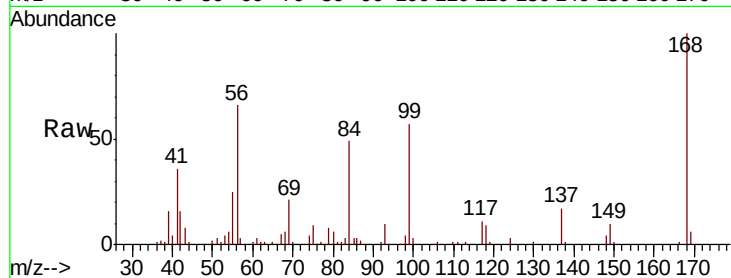




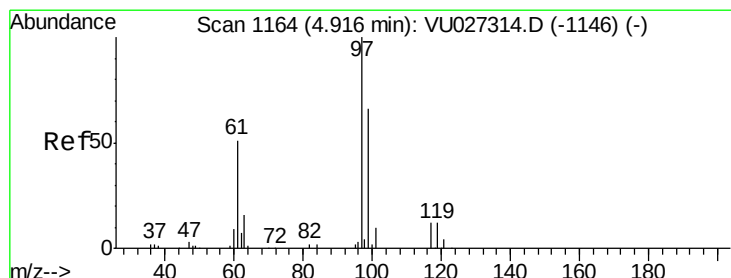
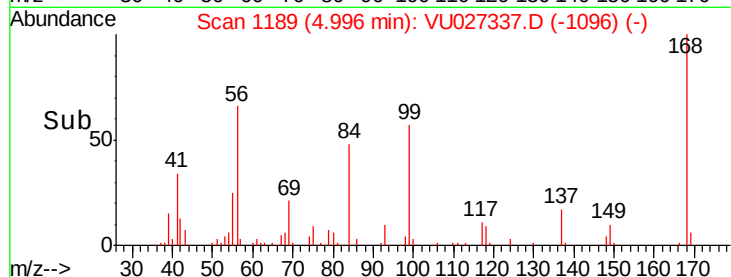
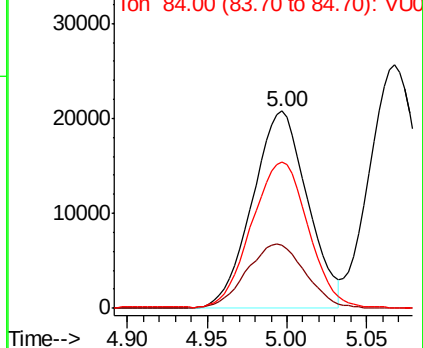
#31  
Cyclohexane  
Concen: 18.057 ug/l  
RT: 5.00 min Scan# 1189  
Delta R.T. -0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1002WBS01

Tot Ion: 56 Resp: 49503  
Ion Ratio Lower Upper  
56 100  
69 32.0 24.1 36.1  
84 73.6 59.1 88.7

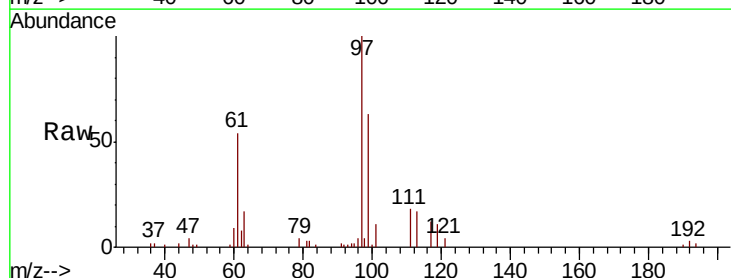


Abundance Ion 56.00 (55.70 to 56.70): VU0  
Ion 69.00 (68.70 to 69.70): VU0  
Ion 84.00 (83.70 to 84.70): VU0

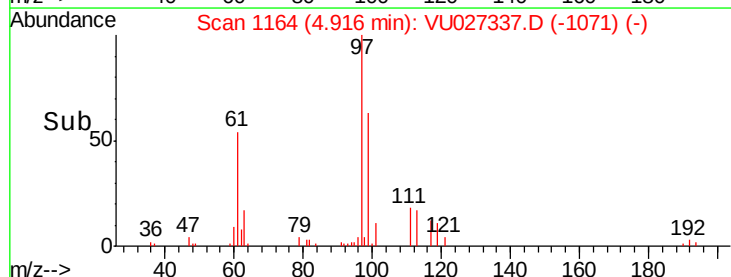
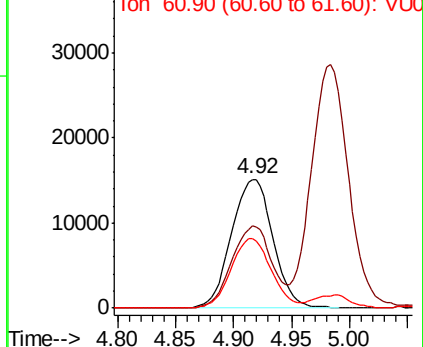


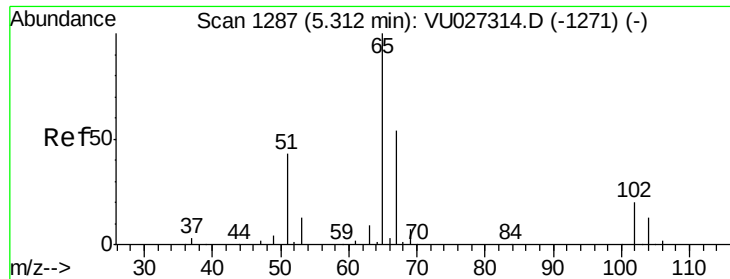
#32  
1,1,1-Trichloroethane  
Concen: 18.916 ug/l  
RT: 4.92 min Scan# 1164  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Tgt Ion: 97 Resp: 37659  
Ion Ratio Lower Upper  
97 100  
99 61.2 51.1 76.7  
61 52.1 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

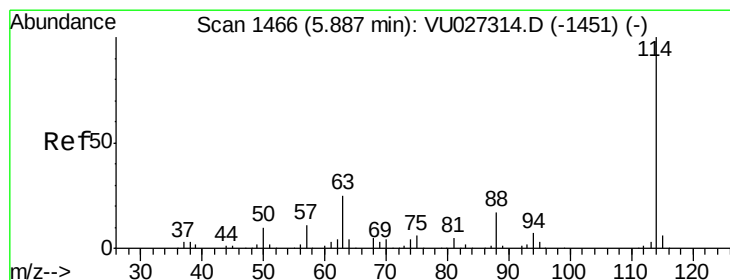
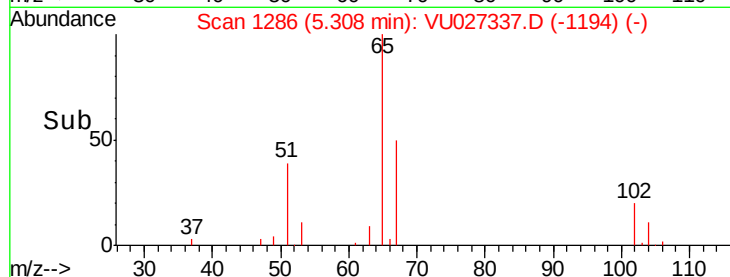
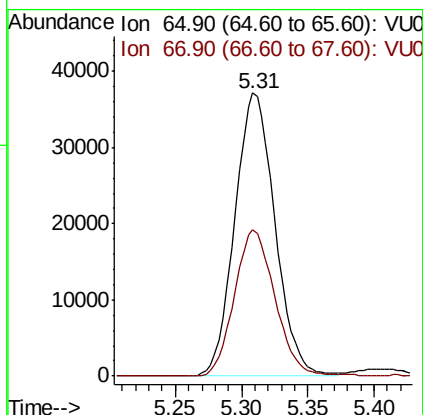
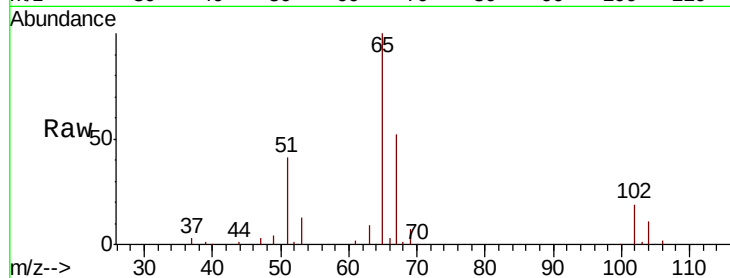




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.098 ug/l  
 RT: 5.31 min Scan# 1286  
 Delta R.T. -0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

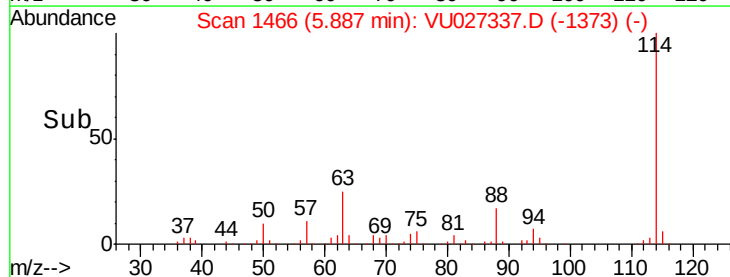
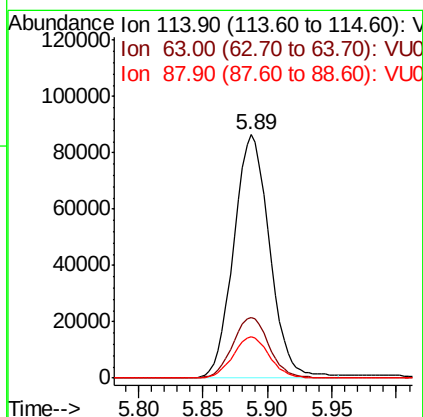
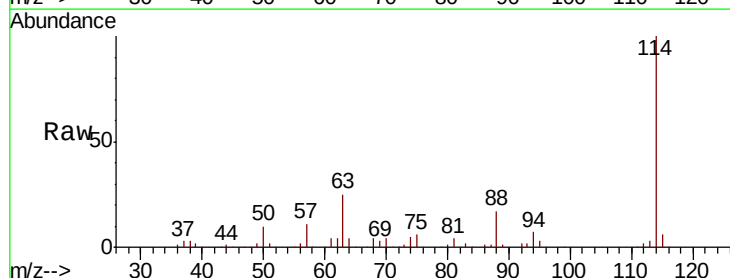
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1002WBS01

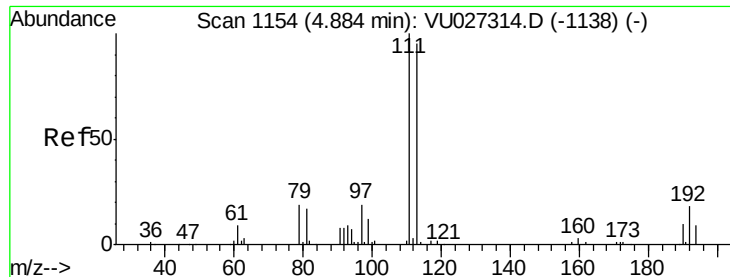
Tot Ion: 65 Resp: 78141  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 107.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.89 min Scan# 1466  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

Tgt Ion: 114 Resp: 168423  
 Ion Ratio Lower Upper  
 114 100  
 63 25.1 0.0 50.2  
 88 17.1 0.0 33.8

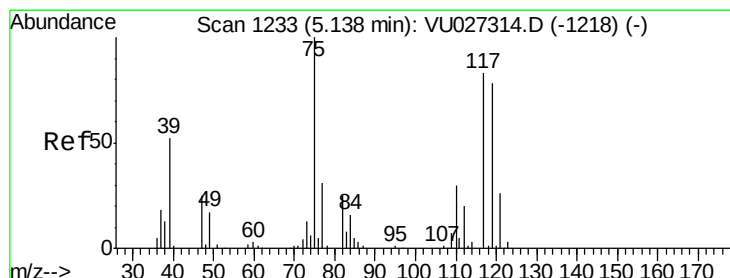
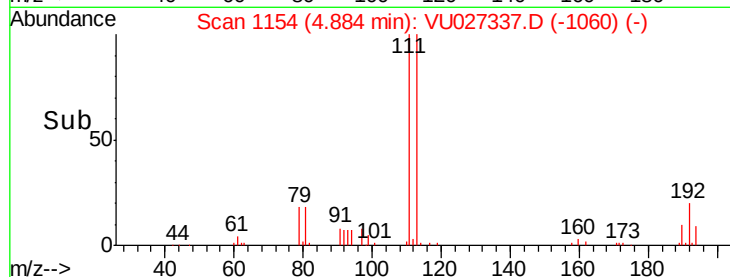
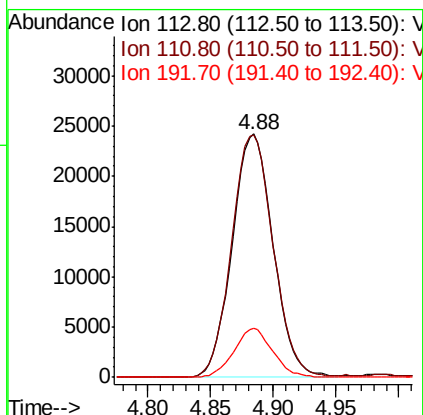
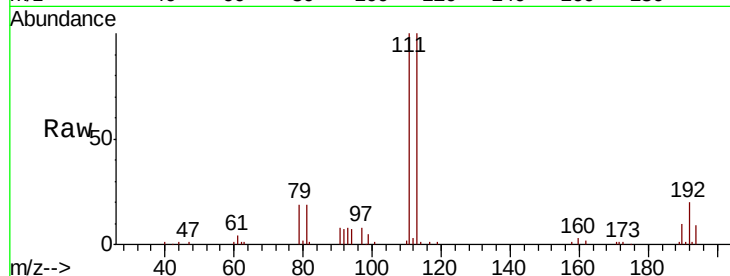




#35  
 Dibromofluoromethane  
 Concen: 47.691 ug/l  
 RT: 4.88 min Scan# 1154  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

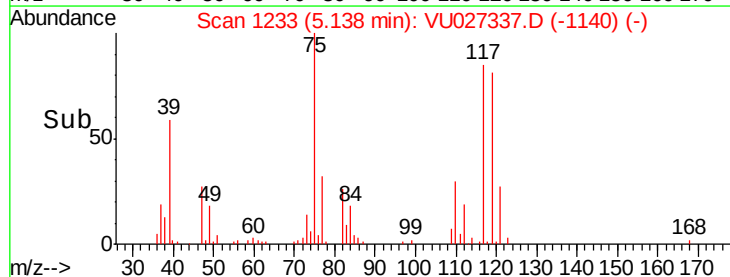
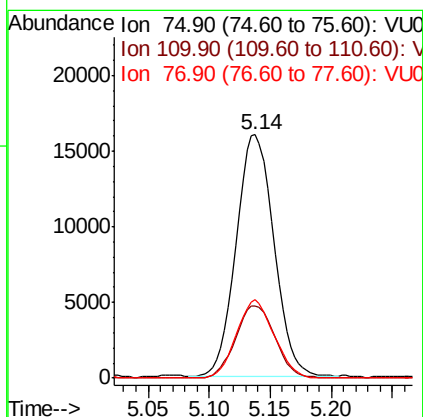
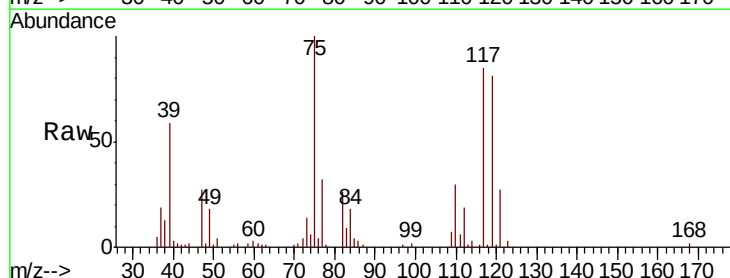
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1002WBS01

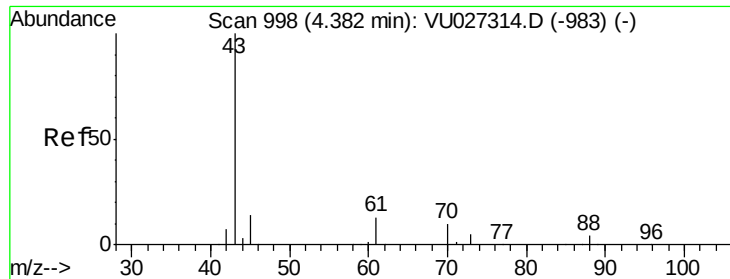
Tot Ion:113 Resp: 55047  
 Ion Ratio Lower Upper  
 113 100  
 111 100.9 83.1 124.7  
 192 18.8 15.4 23.0



#36  
 1,1-Dichloropropene  
 Concen: 18.759 ug/l  
 RT: 5.14 min Scan# 1233  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

Tgt Ion: 75 Resp: 34304  
 Ion Ratio Lower Upper  
 75 100  
 110 31.1 15.5 46.5  
 77 32.0 25.4 38.0





#37

Ethyl Acetate

Concen: 18.942 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

VU1002WBS01

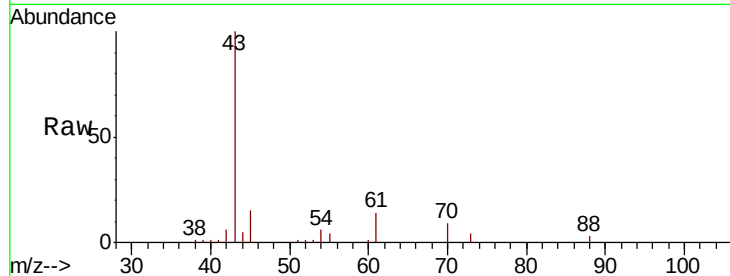
Tot Ion: 43 Resp: 44768

Ion Ratio Lower Upper

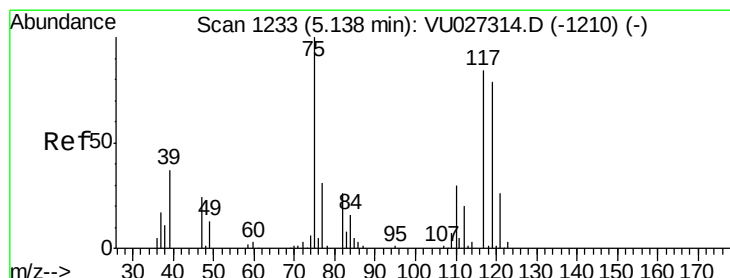
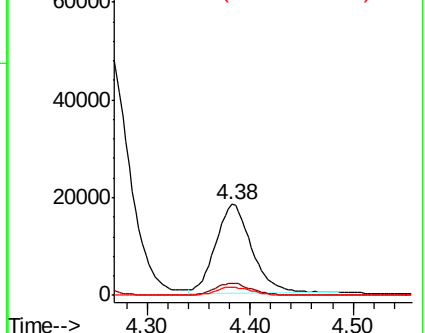
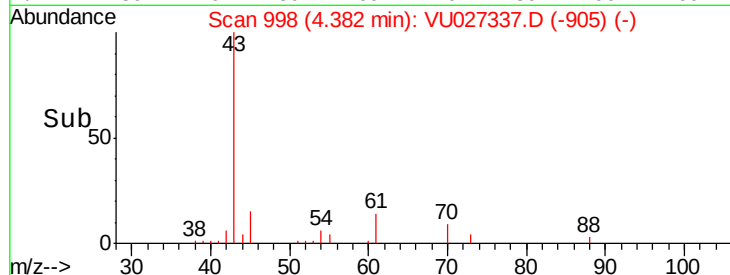
43 100

61 14.0 10.7 16.1

70 9.0 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VU027337.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 19.583 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

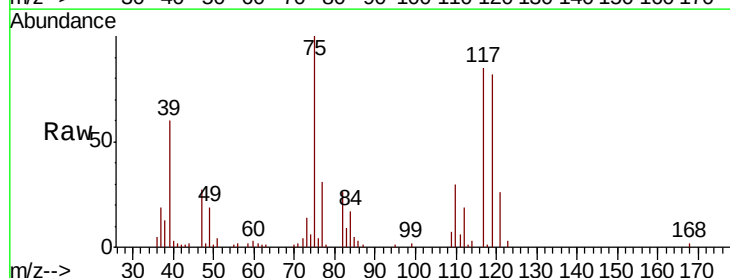
Tgt Ion: 117 Resp: 32349

Ion Ratio Lower Upper

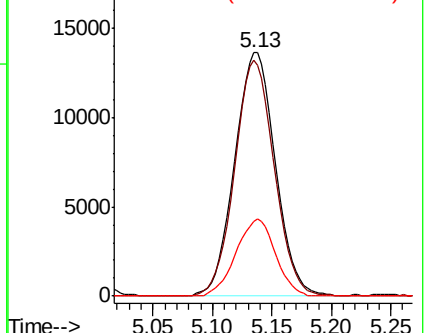
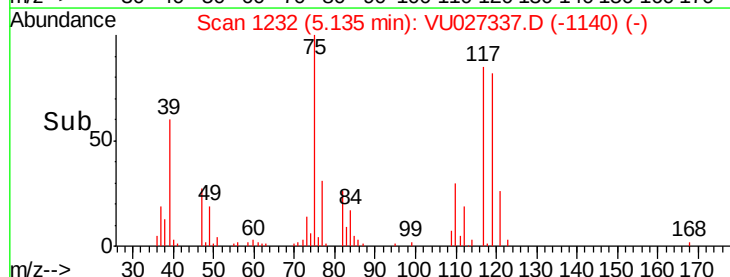
117 100

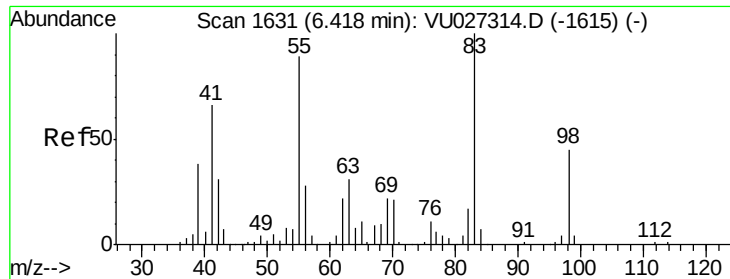
119 96.7 74.5 111.7

121 30.7 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): VU027337.D (-1140) (-)

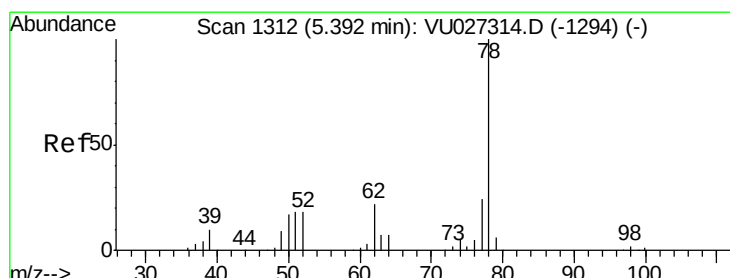
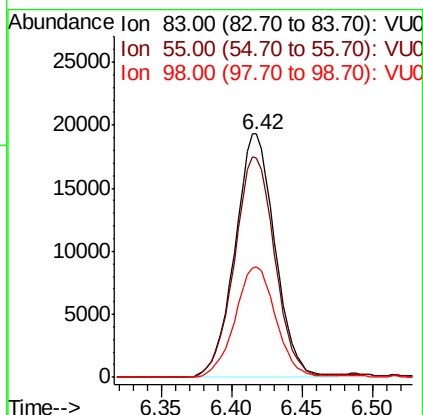
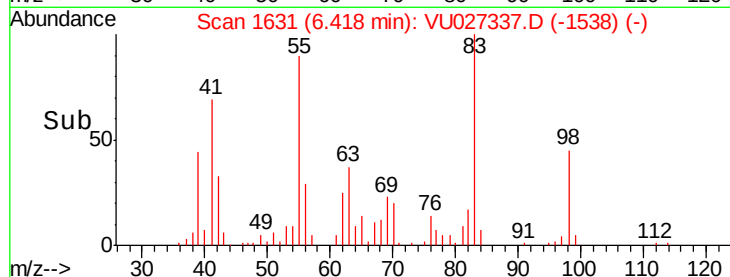
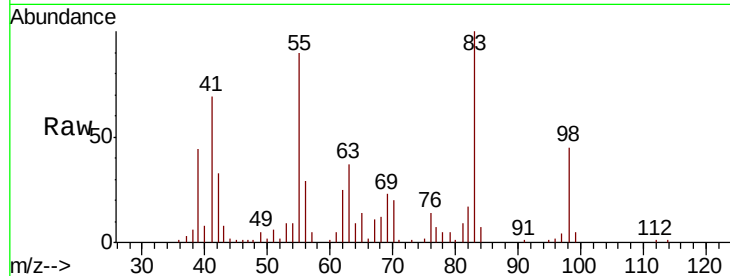




#39  
Methylvlcyclohexane  
Concen: 17.951 ug/l  
RT: 6.42 min Scan# 1631  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

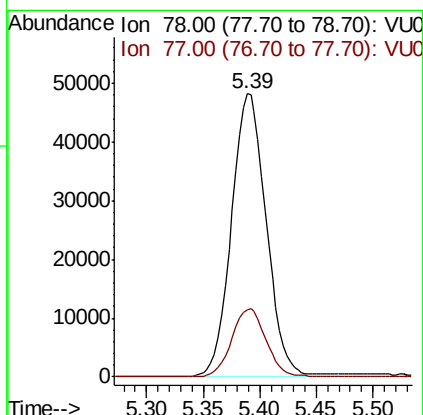
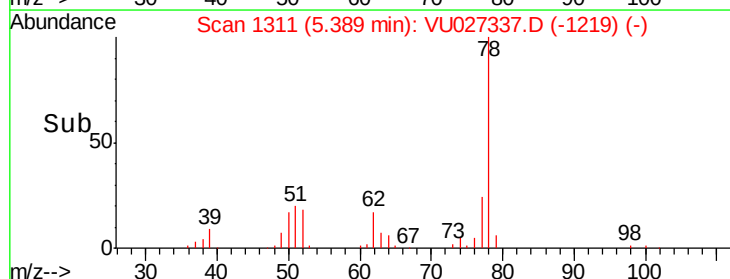
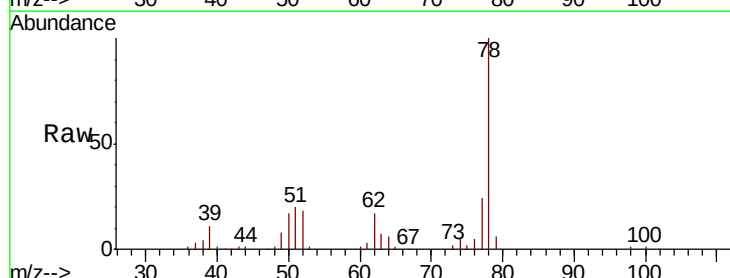
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1002WBS01

Tot Ion: 83 Resp: 38373  
Ion Ratio Lower Upper  
83 100  
55 90.3 71.1 106.7  
98 45.3 36.3 54.5

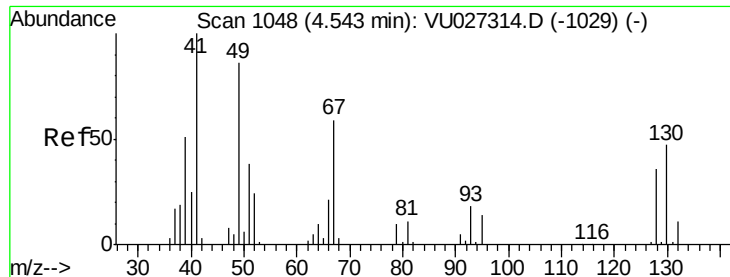


#40  
Benzene  
Concen: 19.433 ug/l  
RT: 5.39 min Scan# 1311  
Delta R.T. -0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Tgt Ion: 78 Resp: 103515  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.3 28.9



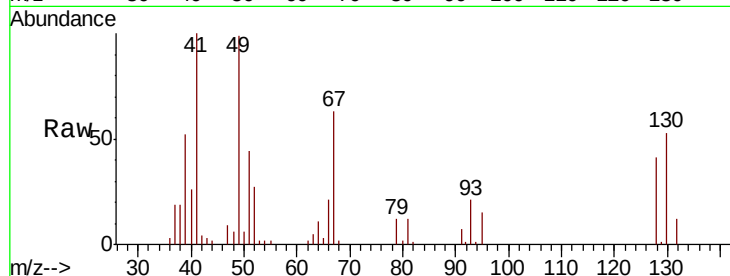




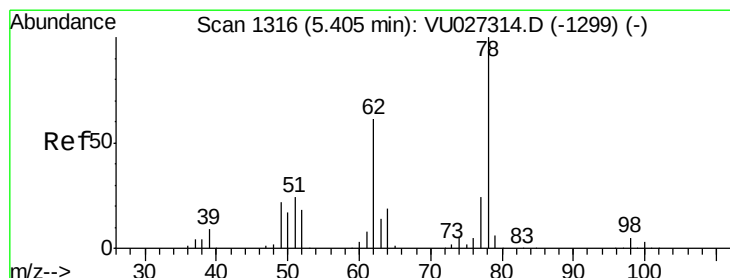
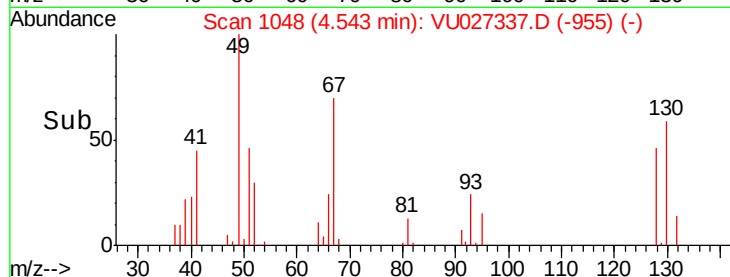
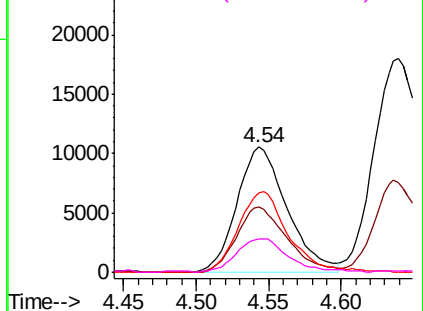
#41  
Methacrylonitrile  
Concen: 18.961 ug/l  
RT: 4.54 min Scan# 1048  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1002WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 25329 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.2  | 41.1  | 61.7  |
| 67       | 63.7  | 50.4  | 75.6  |
| 52       | 27.7  | 20.3  | 30.5  |

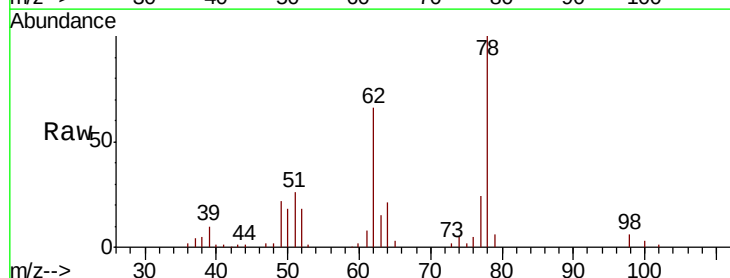


Abundance Ion 41.00 (40.70 to 41.70): VU0  
Ion 39.00 (38.70 to 39.70): VU0  
Ion 67.00 (66.70 to 67.70): VU0  
Ion 52.00 (51.70 to 52.70): VU0

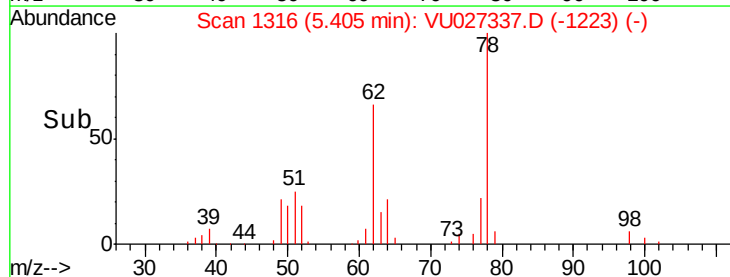
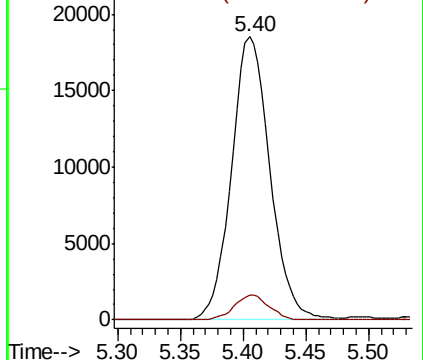


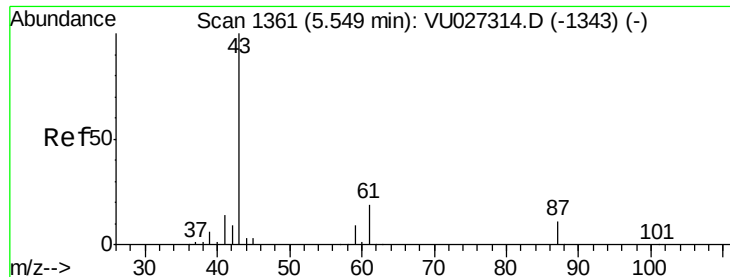
#42  
1,2-Dichloroethane  
Concen: 19.988 ug/l  
RT: 5.40 min Scan# 1316  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 39521 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 7.9   | 0.0   | 16.8  |



Abundance Ion 61.90 (61.60 to 62.60): VU0  
Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 19.231 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

VU1002WBS01

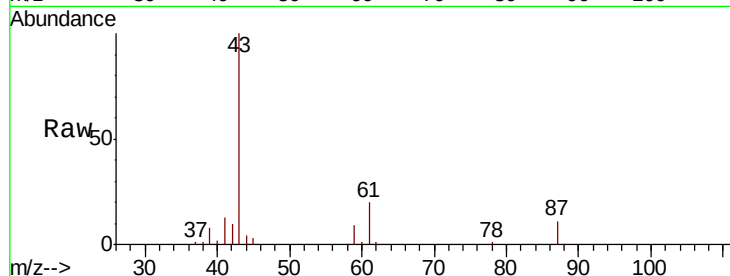
Tot Ion: 43 Resp: 70589

Ion Ratio Lower Upper

43 100

61 18.8 15.3 22.9

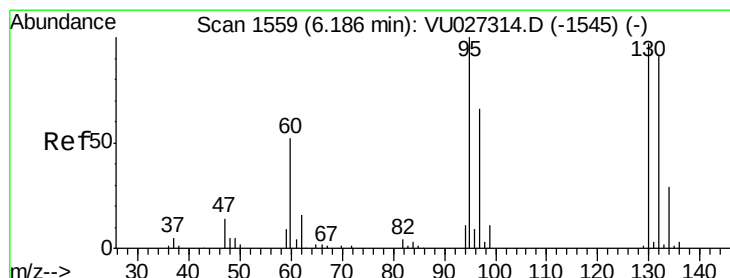
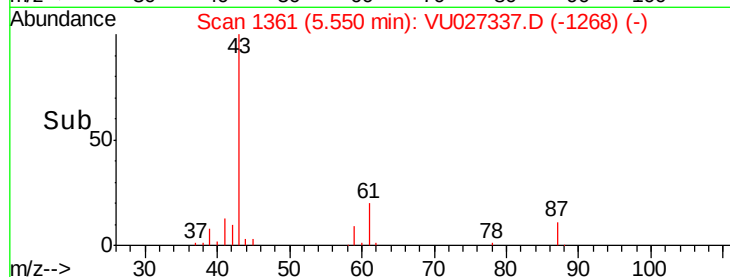
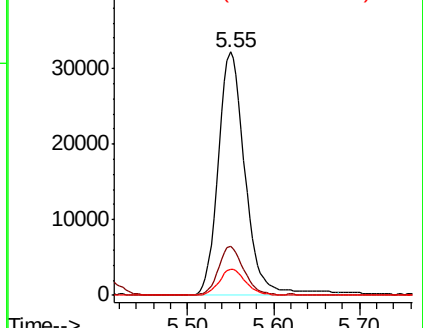
87 10.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU027337.D (-1268) (-)

Ion 61.00 (60.70 to 61.70): VU027337.D (-1268) (-)

Ion 87.00 (86.70 to 87.70): VU027337.D (-1268) (-)



#44

Trichloroethene

Concen: 18.759 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027337.D

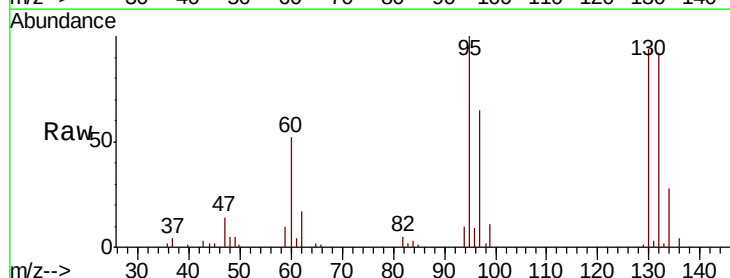
Acq: 02 Oct 2018 10:18

Tgt Ion: 130 Resp: 22281

Ion Ratio Lower Upper

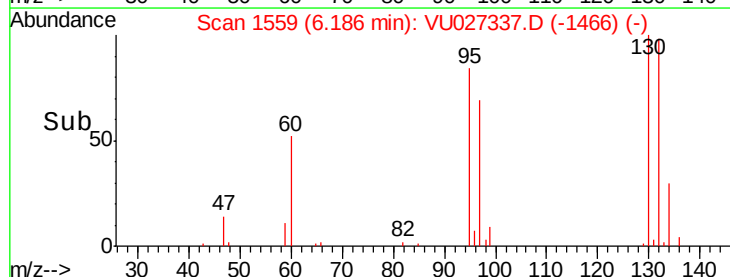
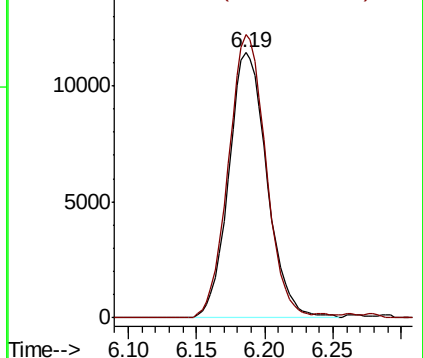
130 100

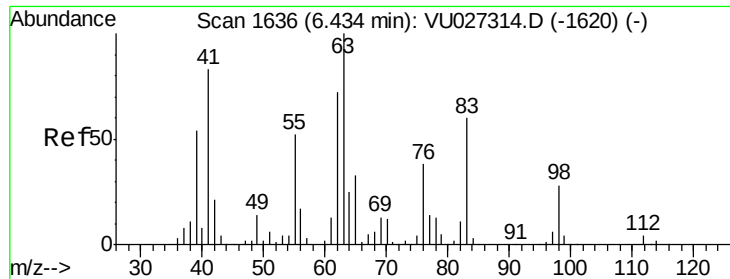
95 106.8 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VU027337.D (-1466) (-)

Ion 94.90 (94.60 to 95.60): VU027337.D (-1466) (-)

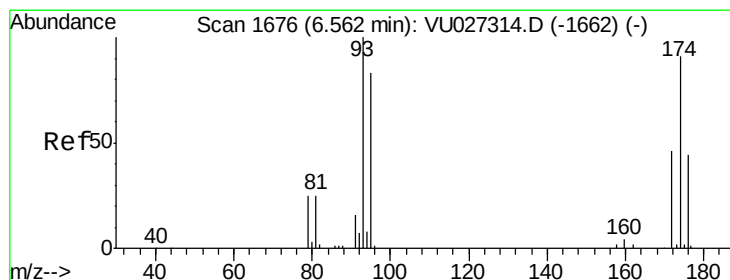
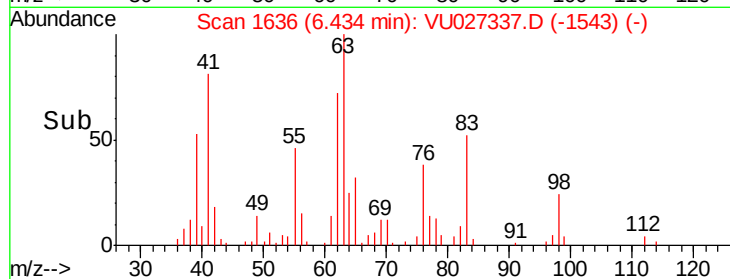
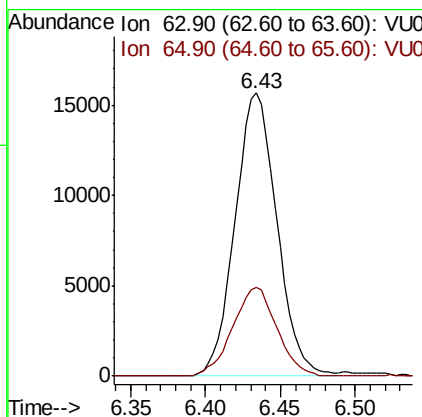
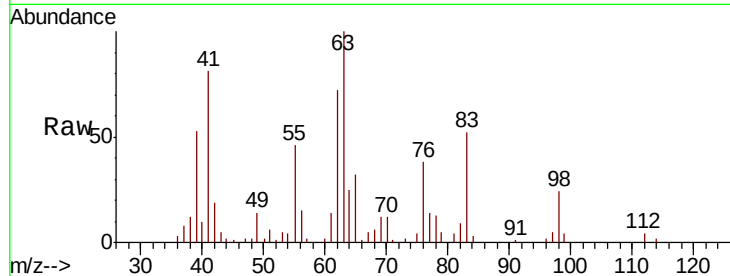




#45  
 1,2-Dichloropropane  
 Concen: 19.915 ug/l  
 RT: 6.43 min Scan# 1636  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

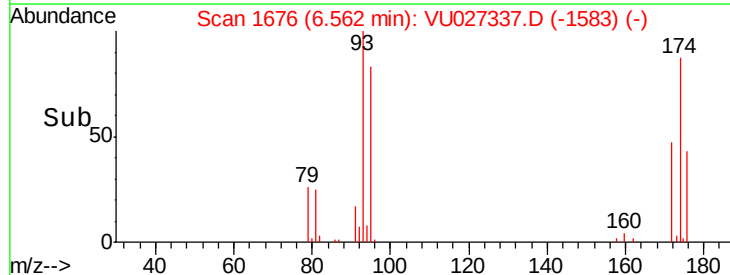
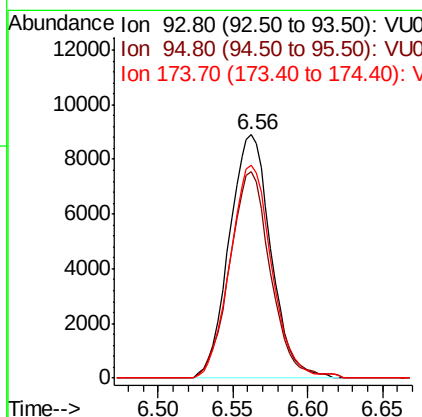
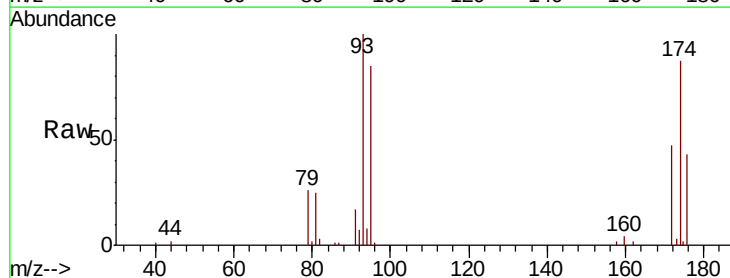
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1002WBS01

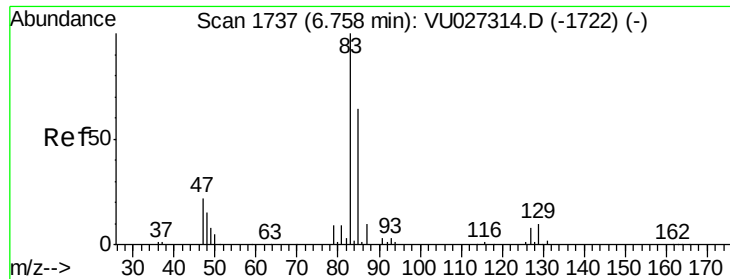
Tot Ion: 63 Resp: 30597  
 Ion Ratio Lower Upper  
 63 100  
 65 31.6 26.0 39.0



#46  
 Dibromomethane  
 Concen: 19.839 ug/l  
 RT: 6.56 min Scan# 1676  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

Tgt Ion: 93 Resp: 17215  
 Ion Ratio Lower Upper  
 93 100  
 95 83.3 66.5 99.7  
 174 87.0 72.5 108.7





#47

Bromodichloromethane

Concen: 19.206 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

VU1002WBS01

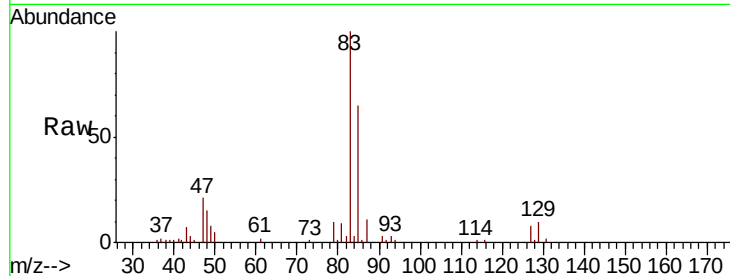
Tot Ion: 83 Resp: 34581

Ion Ratio Lower Upper

83 100

85 65.0 51.4 77.0

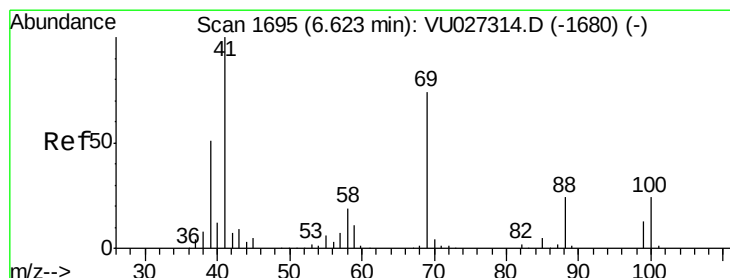
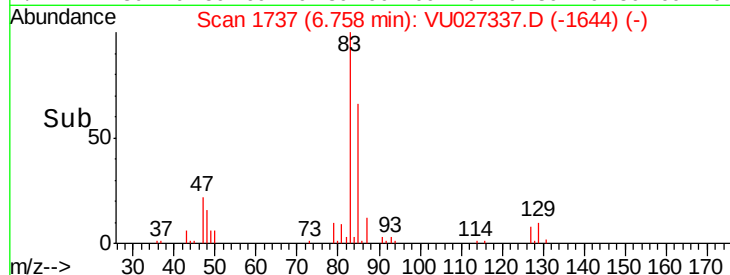
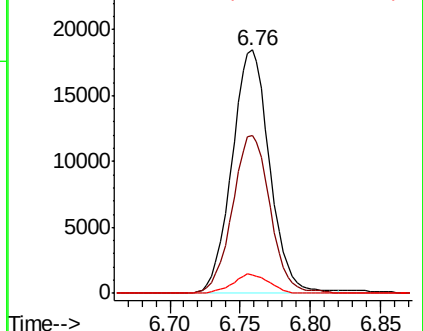
127 7.8 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU027337.D (-1644) (-)

Ion 84.90 (84.60 to 85.60): VU027337.D (-1644) (-)

Ion 126.80 (126.50 to 127.50): VU027337.D (-1644) (-)



#48

Methyl methacrylate

Concen: 18.624 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

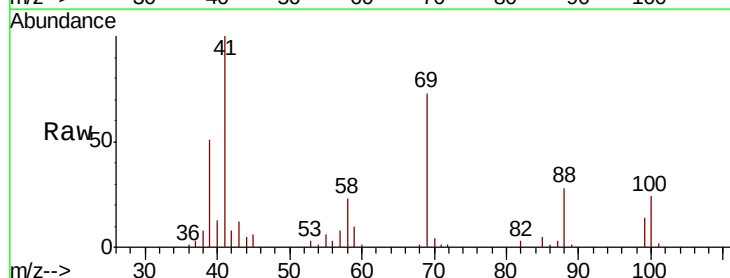
Tgt Ion: 41 Resp: 33995

Ion Ratio Lower Upper

41 100

69 75.0 61.0 91.4

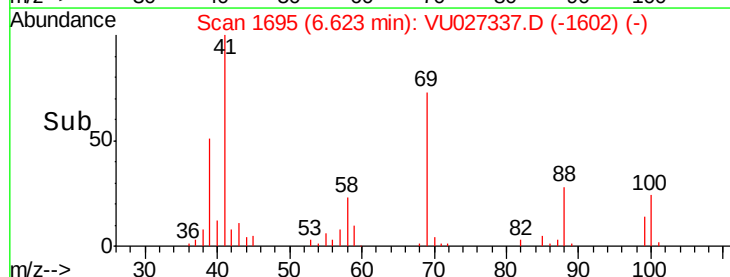
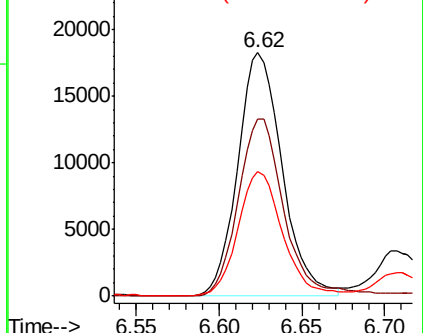
39 51.5 39.9 59.9

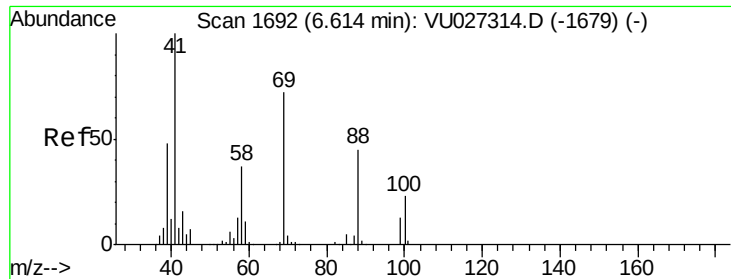


Abundance Ion 41.00 (40.70 to 41.70): VU027337.D (-1602) (-)

Ion 69.00 (68.70 to 69.70): VU027337.D (-1602) (-)

Ion 39.00 (38.70 to 39.70): VU027337.D (-1602) (-)

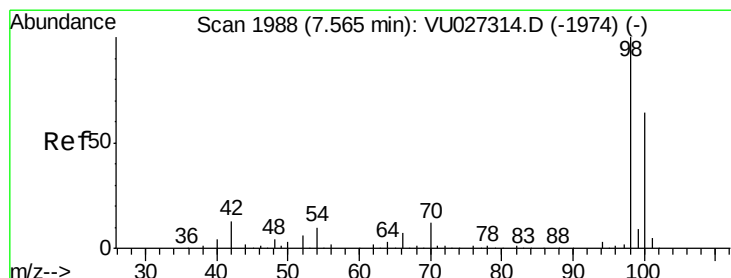
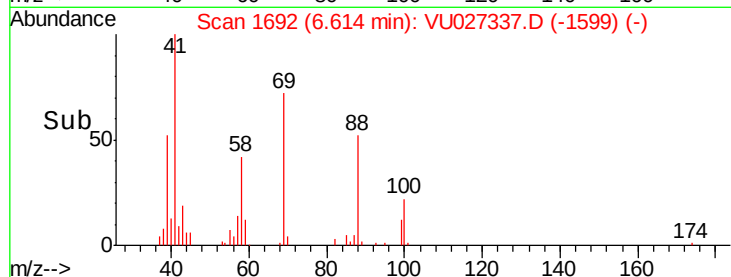
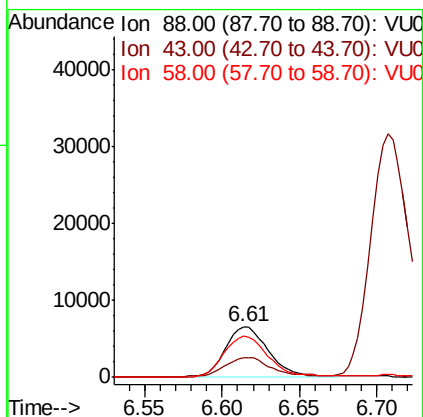
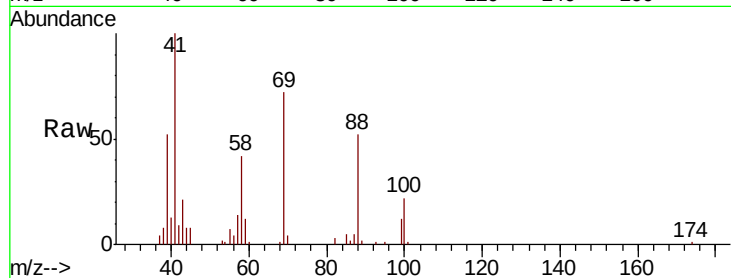




#49  
1,4-Dioxane  
Concen: 412.493 ug/l  
RT: 6.61 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

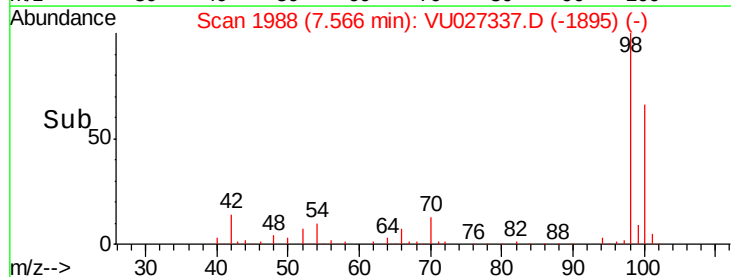
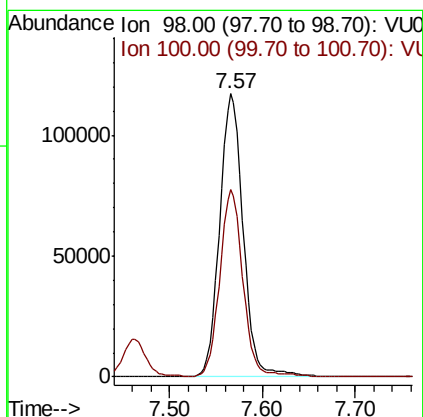
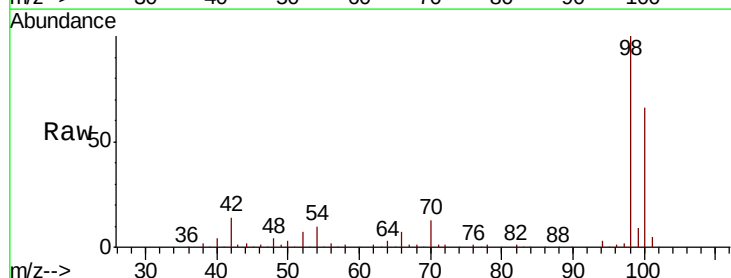
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1002WBS01

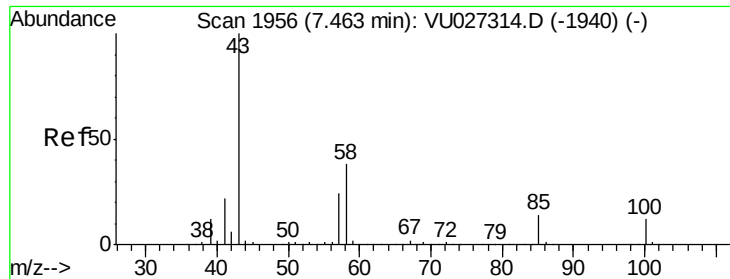
Tot Ion: 88 Resp: 12955  
Ion Ratio Lower Upper  
88 100  
43 43.0 30.8 46.2  
58 84.3 67.0 100.6



#50  
Toluene-d8  
Concen: 47.834 ug/l  
RT: 7.57 min Scan# 1988  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Tgt Ion: 98 Resp: 206643  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 98.223 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

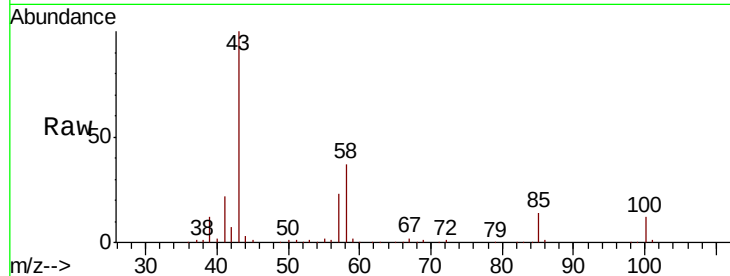
VU1002WBS01

Tot Ion: 43 Resp: 234282

Ion Ratio Lower Upper

43 100

58 36.0 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-1940) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-1940) (-)

7.46

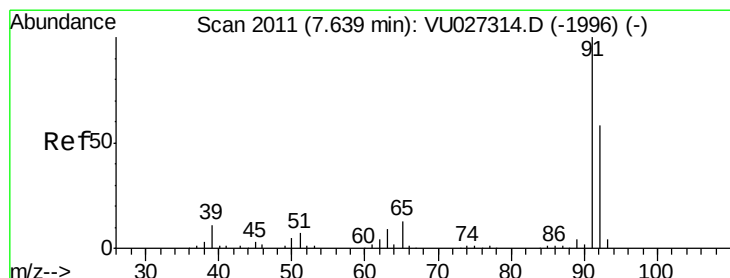
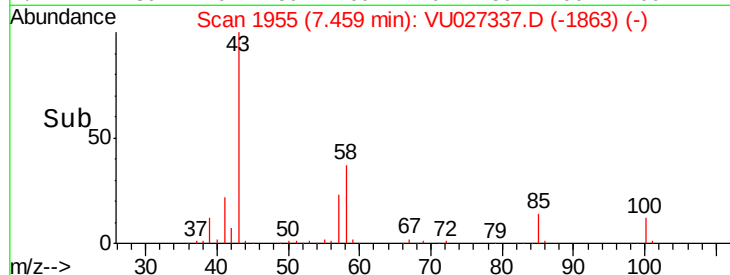
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.295 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027337.D

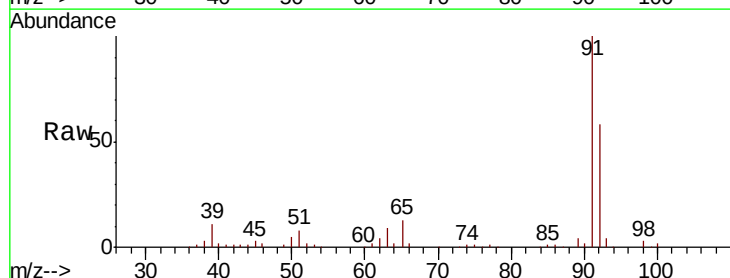
Acq: 02 Oct 2018 10:18

Tgt Ion: 92 Resp: 60835

Ion Ratio Lower Upper

92 100

91 167.3 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU027314.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027314.D (-1996) (-)

7.64

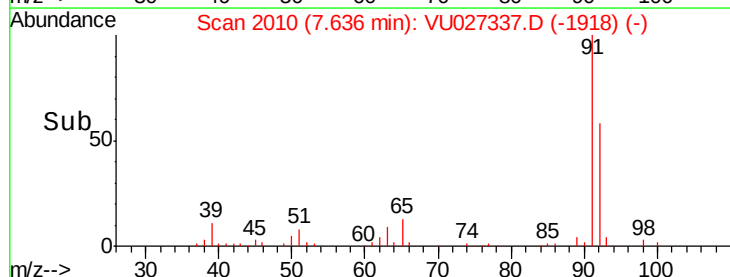
60000

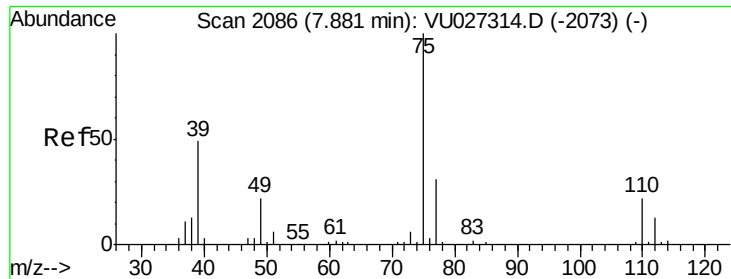
40000

20000

0

Time-->

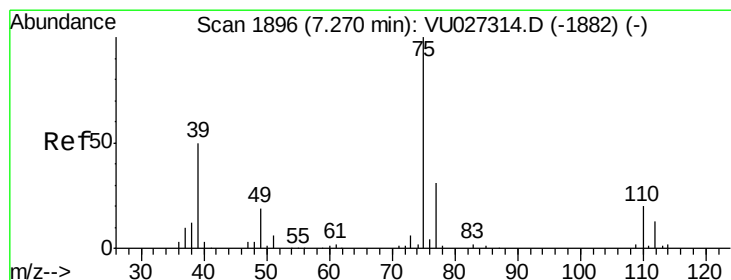
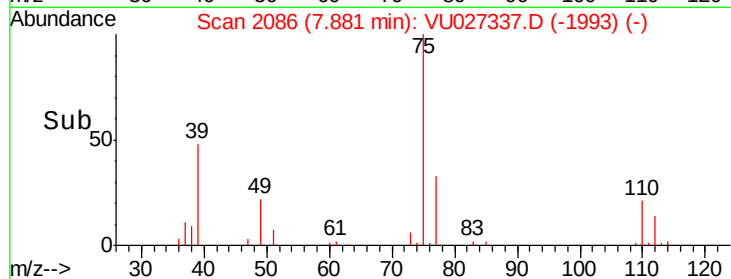
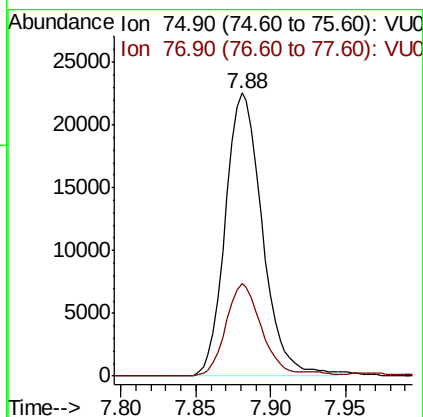
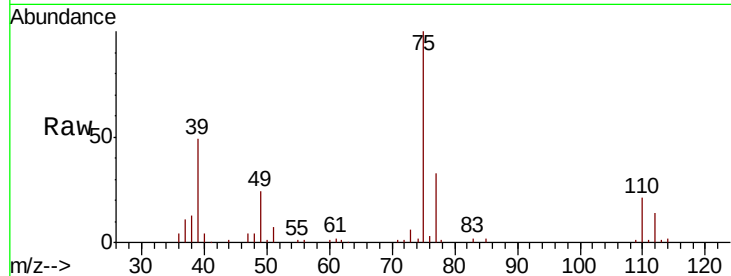




#53  
t-1,3-Dichloropropene  
Concen: 18.421 ug/l  
RT: 7.88 min Scan# 2086  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

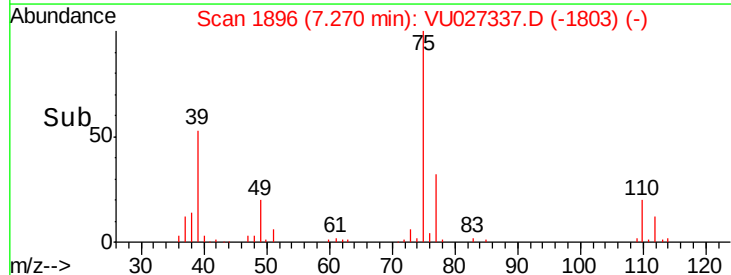
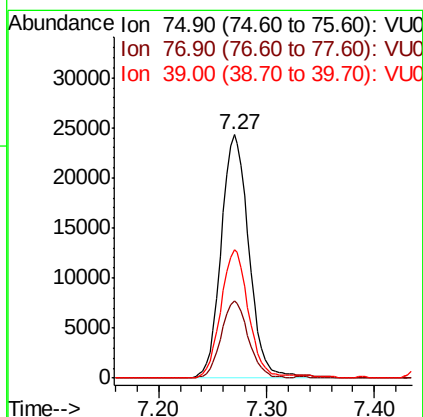
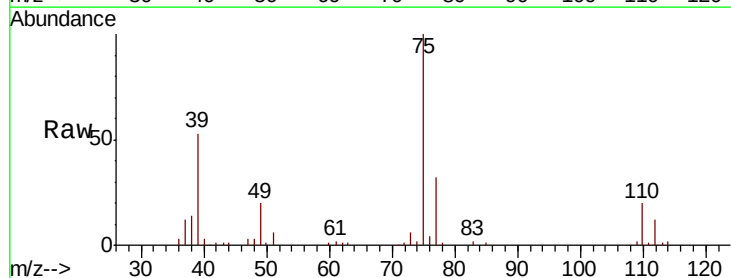
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1002WBS01

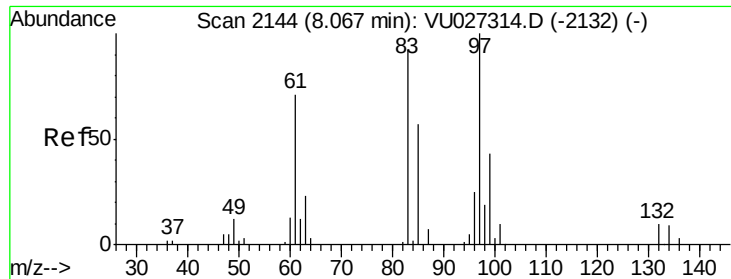
Tot Ion: 75 Resp: 38890  
Ion Ratio Lower Upper  
75 100  
77 32.5 25.0 37.6



#54  
cis-1,3-Dichloropropene  
Concen: 19.320 ug/l  
RT: 7.27 min Scan# 1896  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Tgt Ion: 75 Resp: 43848  
Ion Ratio Lower Upper  
75 100  
77 31.5 24.5 36.7  
39 52.9 40.1 60.1

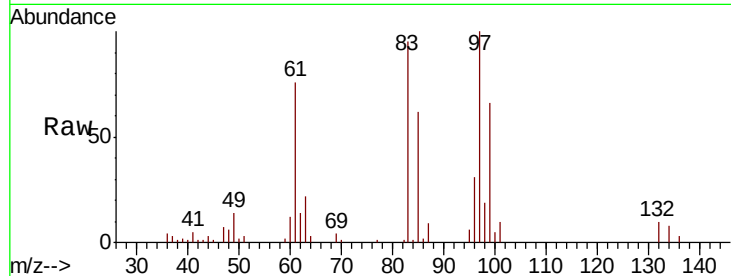




#55  
 1,1,2-Trichloroethane  
 Concen: 19.301 ug/l  
 RT: 8.07 min Scan# 2144  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1002WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 24127 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 95.2  | 73.0  | 109.6 |
| 85       | 62.2  | 47.3  | 70.9  |
| 99       | 66.1  | 49.7  | 74.5  |



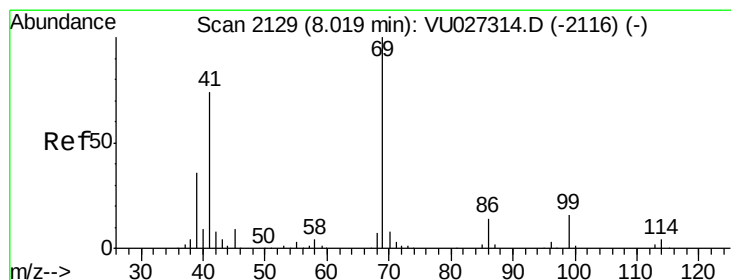
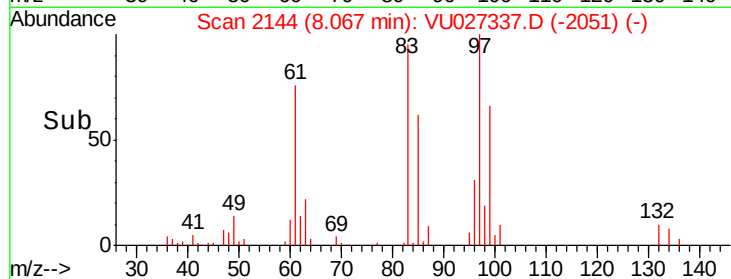
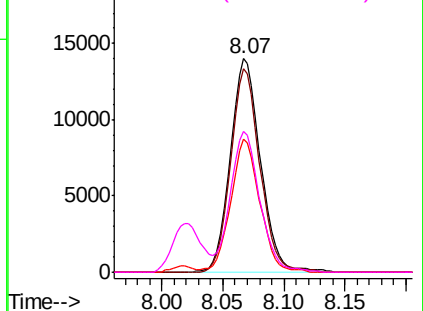
Abundance

Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

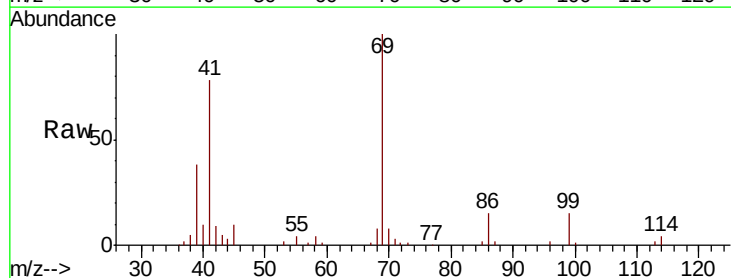
Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56  
 Ethyl methacrylate  
 Concen: 17.177 ug/l  
 RT: 8.02 min Scan# 2129  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 37379 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 79.3  | 60.0  | 90.0  |
| 39       | 37.3  | 29.5  | 44.3  |

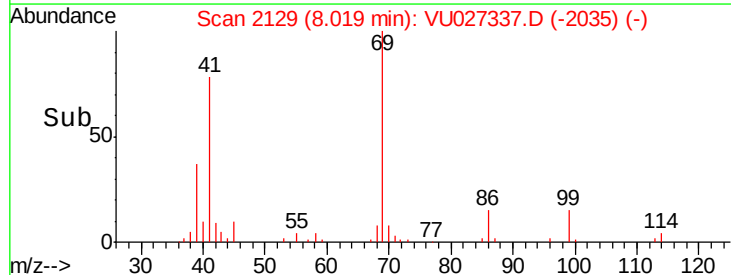
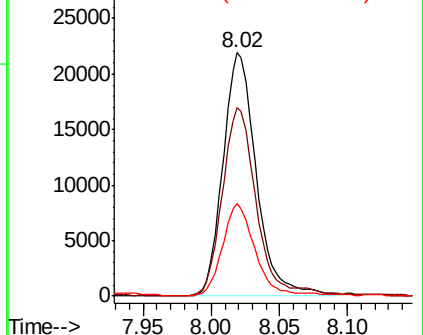


Abundance

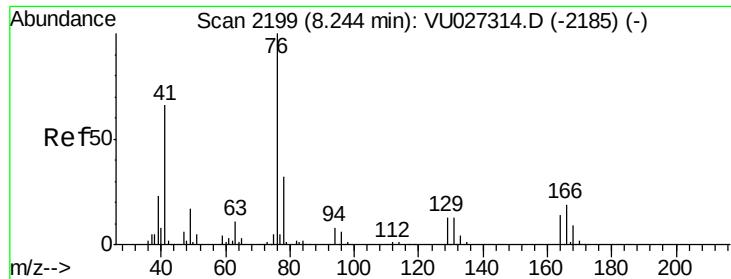
Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



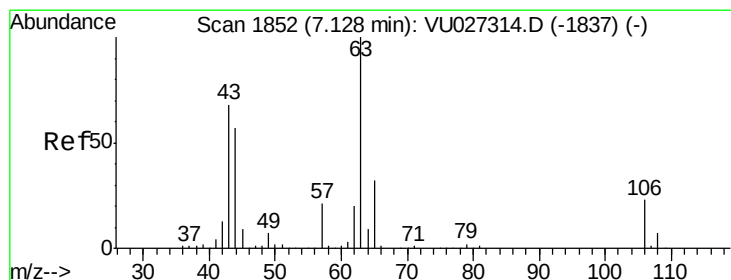
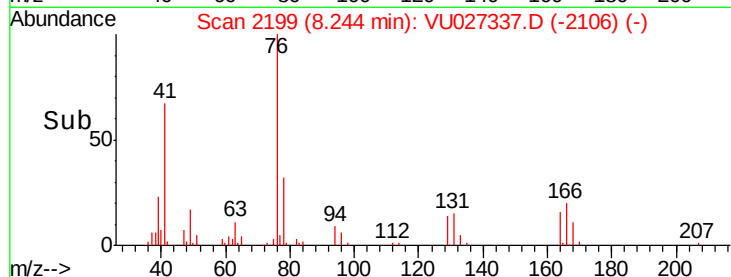
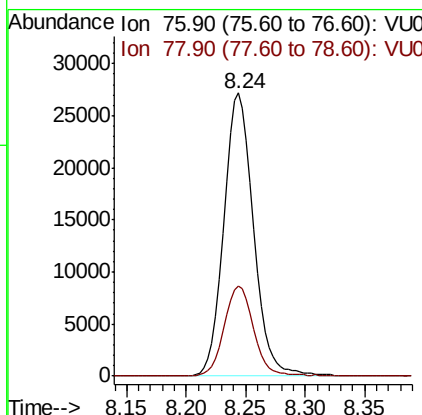
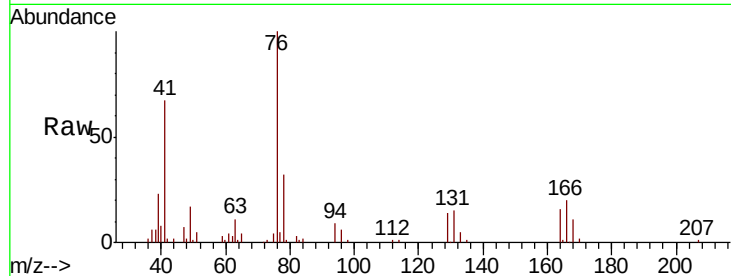




#57  
 1,3-Dichloropropane  
 Concen: 19.362 ug/l  
 RT: 8.24 min Scan# 2199  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

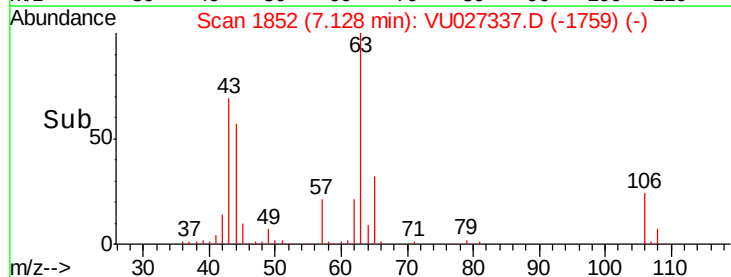
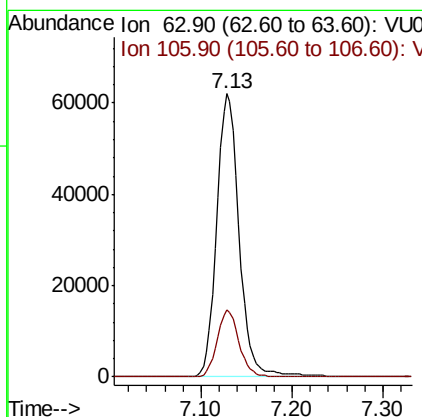
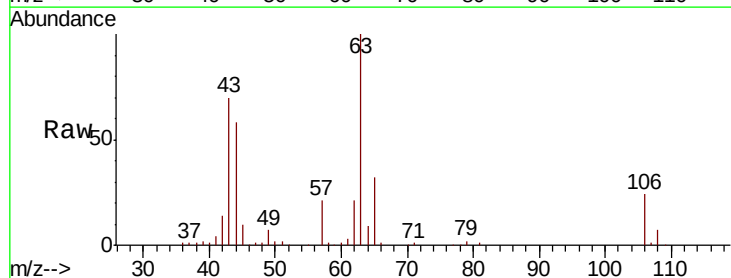
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1002WBS01

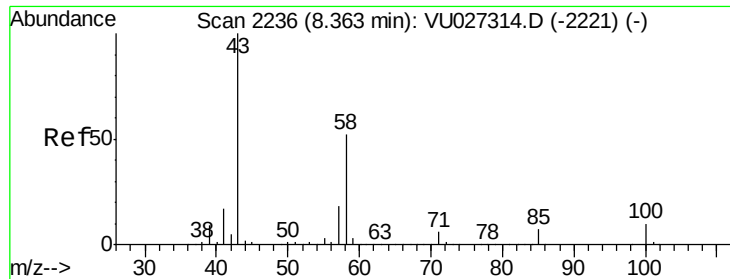
Tot Ion: 76 Resp: 46986  
 Ion Ratio Lower Upper  
 76 100  
 78 31.4 25.8 38.6



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 86.599 ug/l  
 RT: 7.13 min Scan# 1852  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

Tgt Ion: 63 Resp: 106532  
 Ion Ratio Lower Upper  
 63 100  
 106 22.7 18.5 27.7

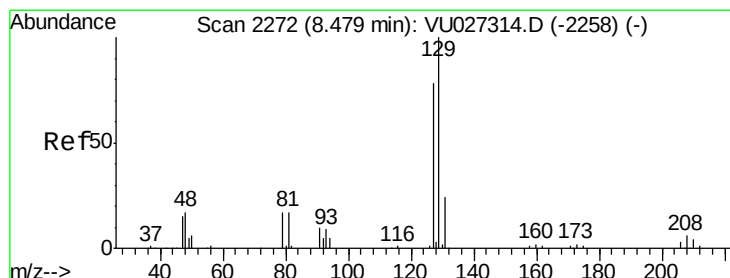
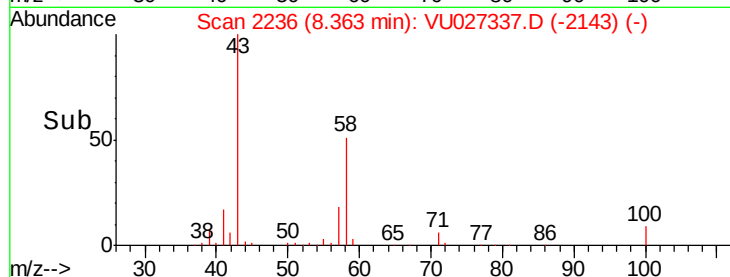
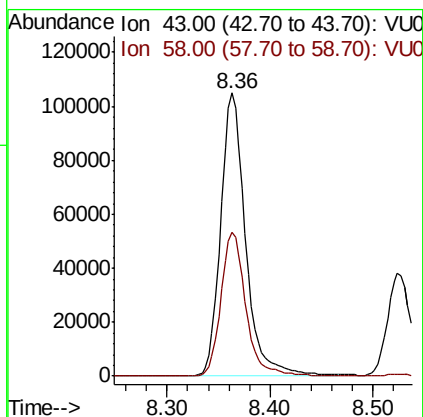
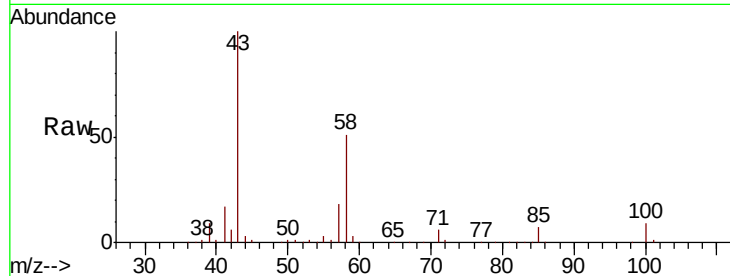




#59  
2-Hexanone  
Concen: 95.605 ug/l  
RT: 8.36 min Scan# 2236  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

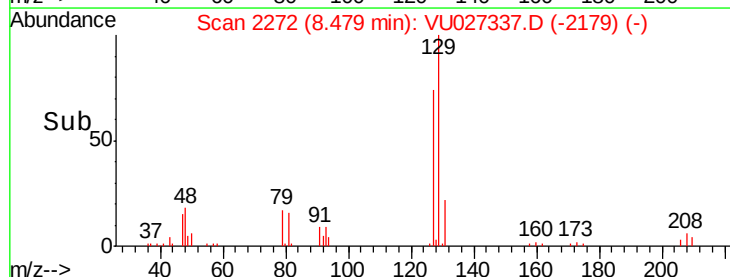
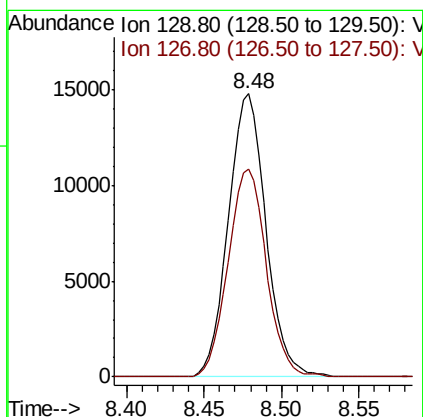
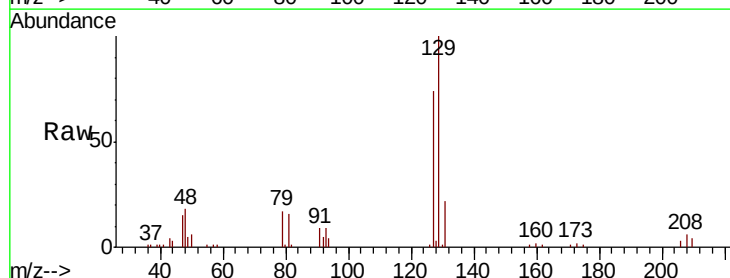
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1002WBS01

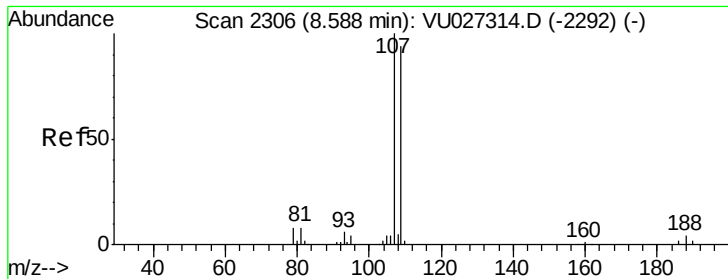
Tot Ion: 43 Resp: 176894  
Ion Ratio Lower Upper  
43 100  
58 50.9 26.1 78.3



#60  
Dibromochloromethane  
Concen: 19.848 ug/l  
RT: 8.48 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Tgt Ion: 129 Resp: 24884  
Ion Ratio Lower Upper  
129 100  
127 74.8 39.1 117.2

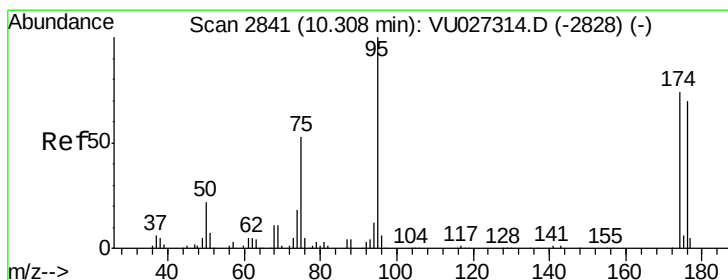
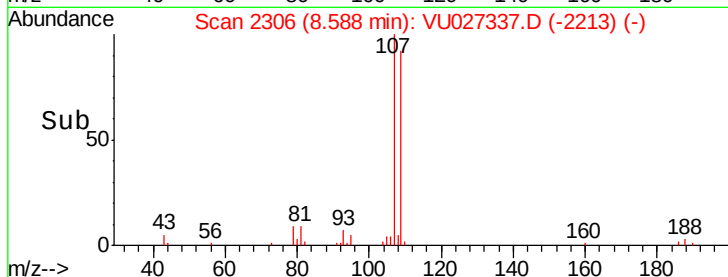
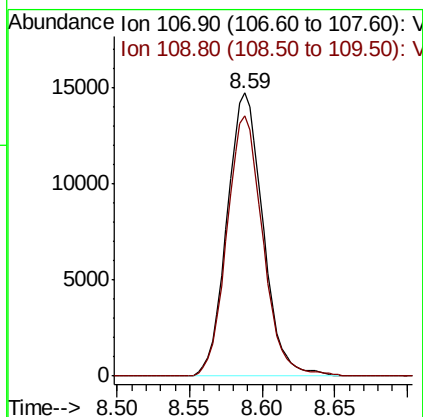
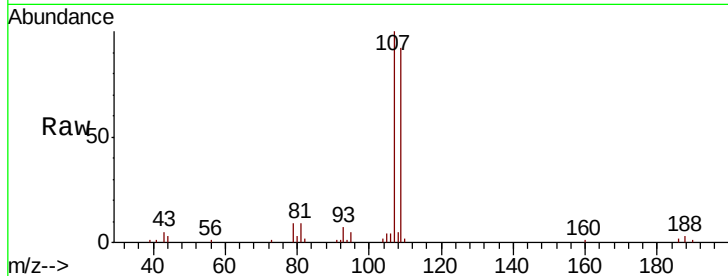




#61  
 1,2-Dibromoethane  
 Concen: 19.142 ug/l  
 RT: 8.59 min Scan# 2306  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

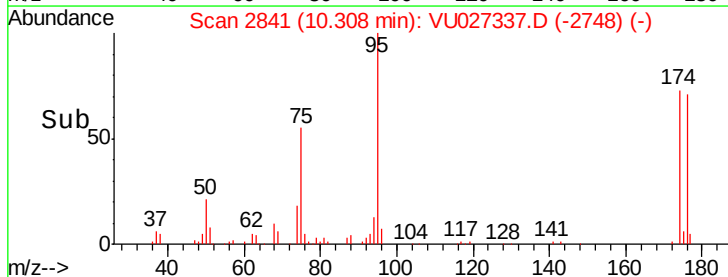
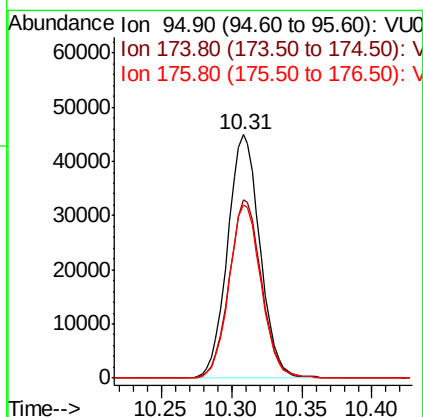
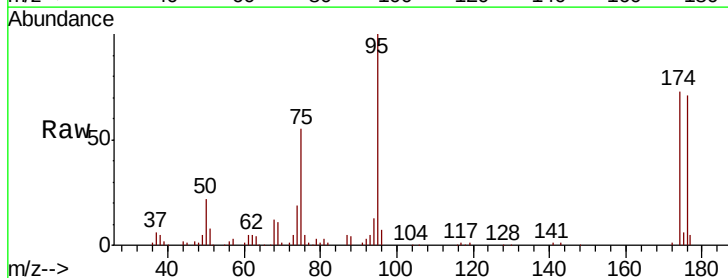
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1002WBS01

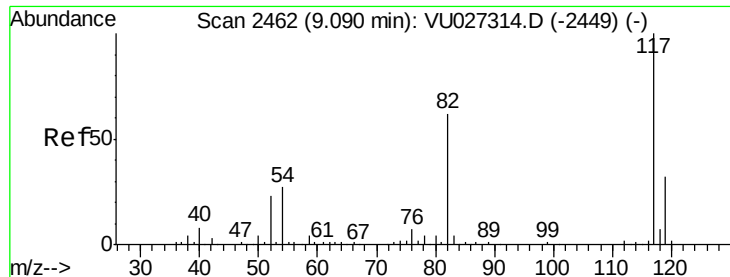
Tot Ion:107 Resp: 25442  
 Ion Ratio Lower Upper  
 107 100  
 109 91.8 74.5 111.7



#62  
 4-Bromofluorobenzene  
 Concen: 45.042 ug/l  
 RT: 10.31 min Scan# 2841  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

Tgt Ion: 95 Resp: 72315  
 Ion Ratio Lower Upper  
 95 100  
 174 73.1 0.0 147.8  
 176 70.7 0.0 140.8

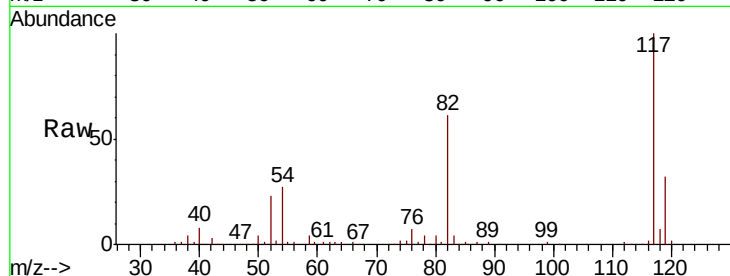




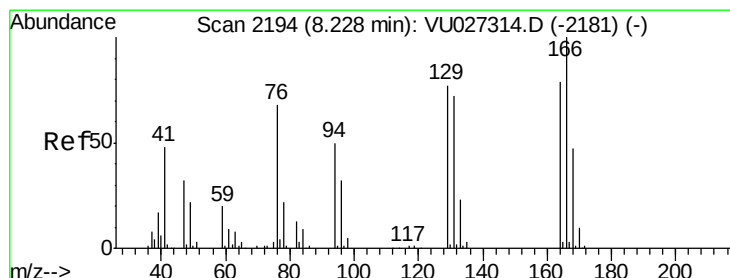
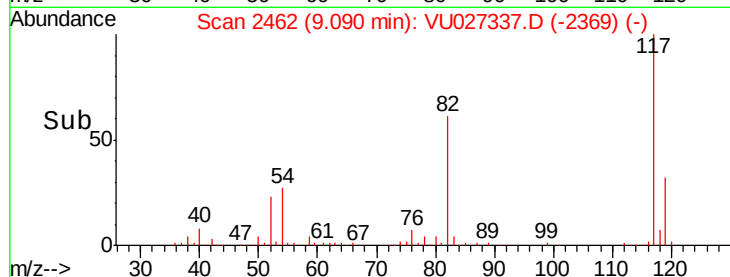
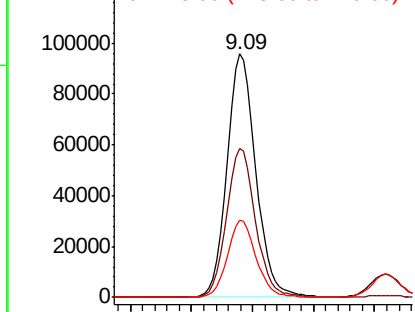
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.09 min Scan# 2462  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1002WBS01

Tot Ion:117 Resp: 158692  
Ion Ratio Lower Upper  
117 100  
82 61.4 49.2 73.8  
119 31.7 25.7 38.5



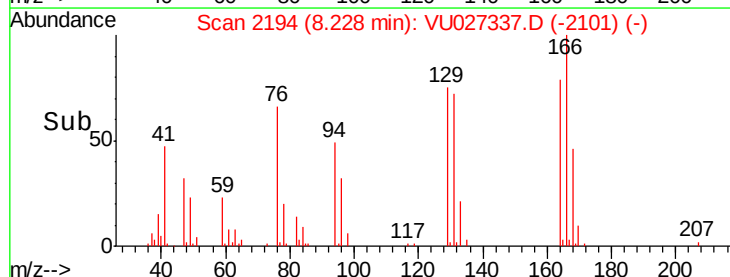
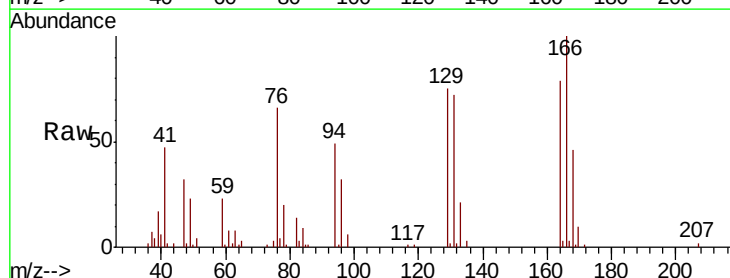
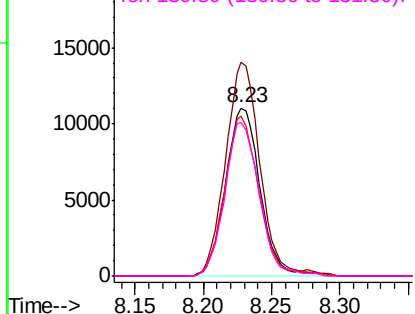
Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VU0  
Ion 118.90 (118.60 to 119.60): V

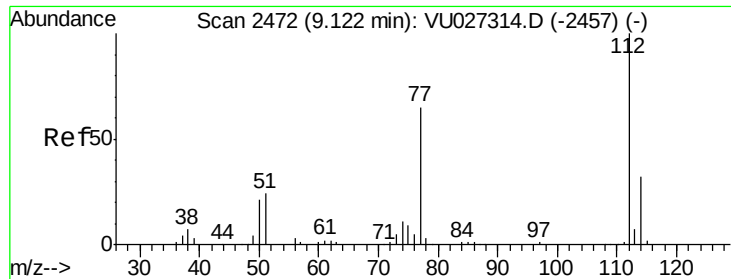


#64  
Tetrachloroethene  
Concen: 19.660 ug/l  
RT: 8.23 min Scan# 2194  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Tgt Ion:164 Resp: 19422  
Ion Ratio Lower Upper  
164 100  
166 127.1 101.0 151.6  
129 95.4 78.0 117.0  
131 91.7 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: 18.458 ug/l

RT: 9.12 min Scan# 2471

Delta R.T. -0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

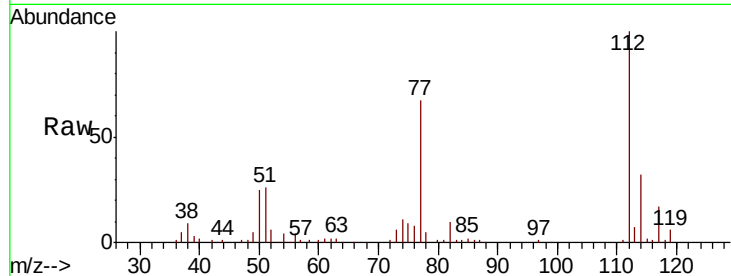
VU1002WBS01

Tot Ion:112 Resp: 61656

Ion Ratio Lower Upper

112 100

114 32.4 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.12

40000

30000

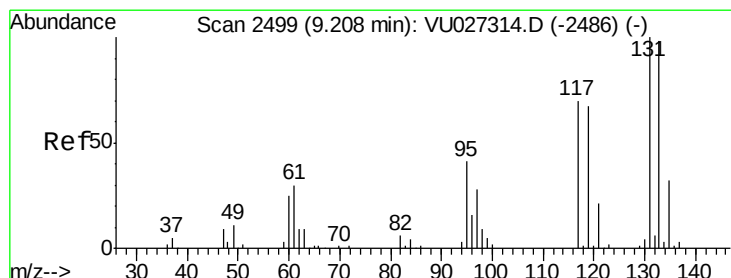
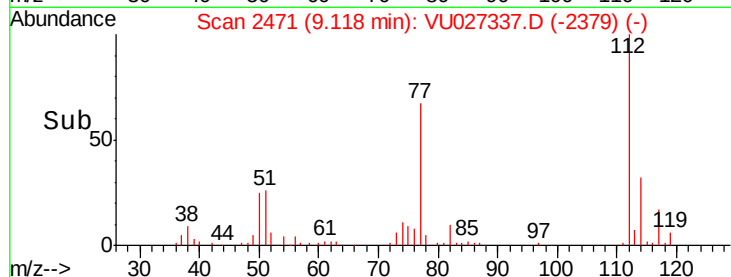
20000

10000

0

9.05 9.10 9.15 9.20 9.25

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.331 ug/l

RT: 9.21 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

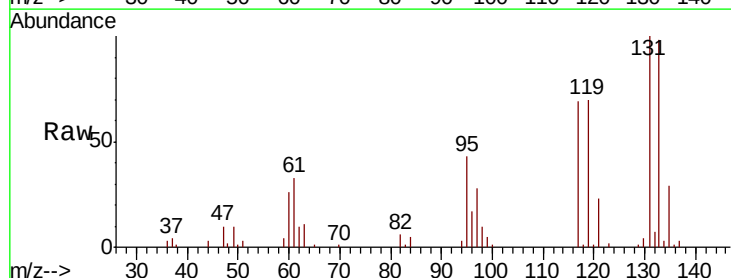
Tgt Ion:131 Resp: 22292

Ion Ratio Lower Upper

131 100

133 97.0 48.5 145.6

119 67.5 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

9.21

15000

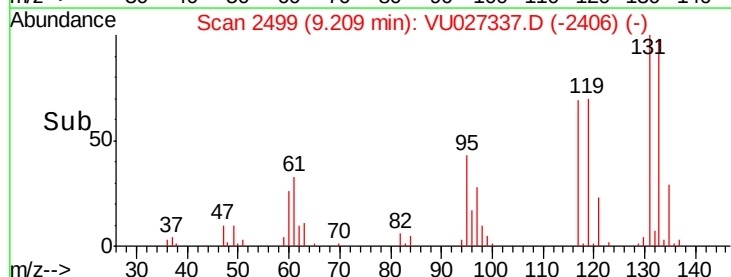
10000

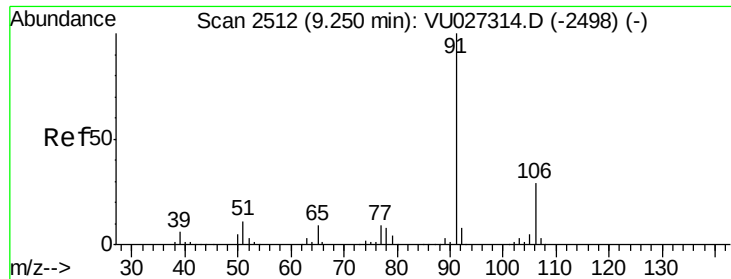
5000

0

9.15 9.20 9.25

Time-->

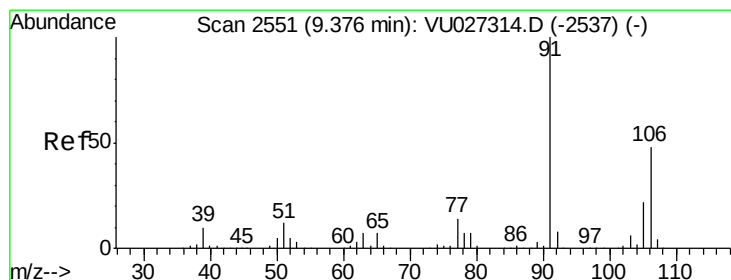
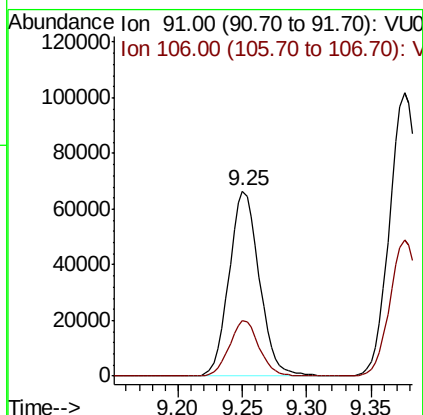
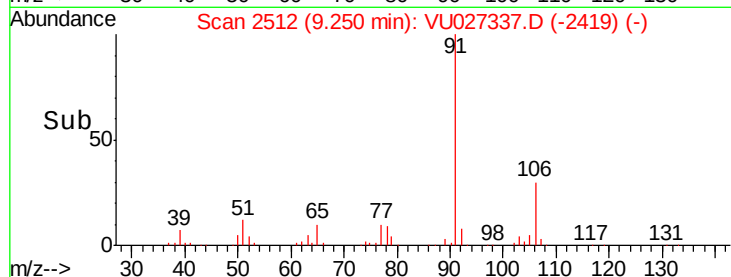
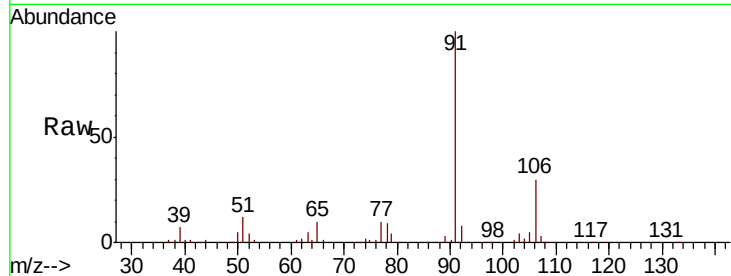




#67  
Ethyl Benzene  
Concen: 18.302 ug/l  
RT: 9.25 min Scan# 2512  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

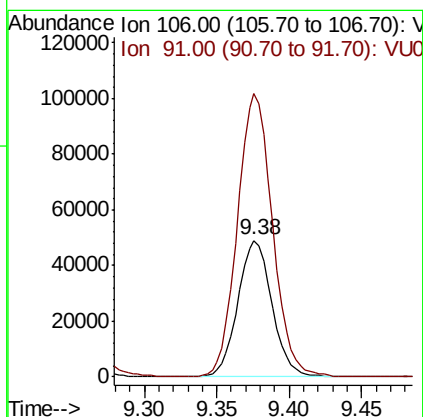
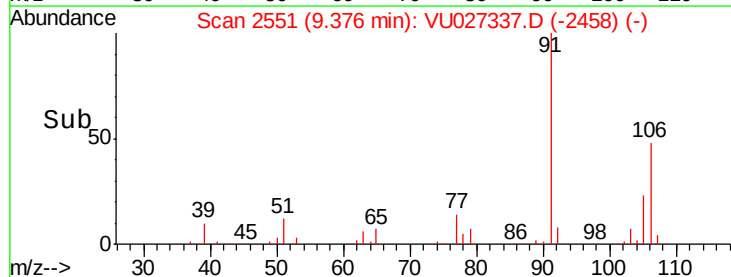
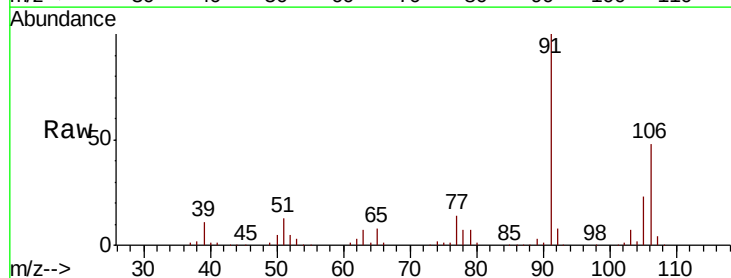
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1002WBS01

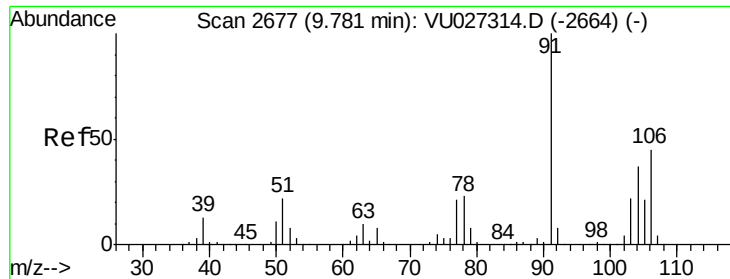
Tot Ion: 91 Resp: 108317  
Ion Ratio Lower Upper  
91 100  
106 29.9 23.6 35.4



#68  
m/p-Xylenes  
Concen: 37.139 ug/l  
RT: 9.38 min Scan# 2551  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Tgt Ion: 106 Resp: 80397  
Ion Ratio Lower Upper  
106 100  
91 212.1 168.1 252.1

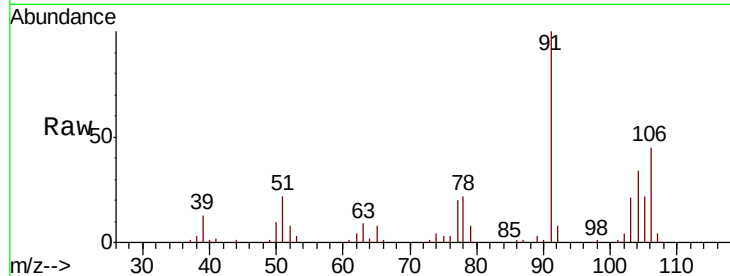




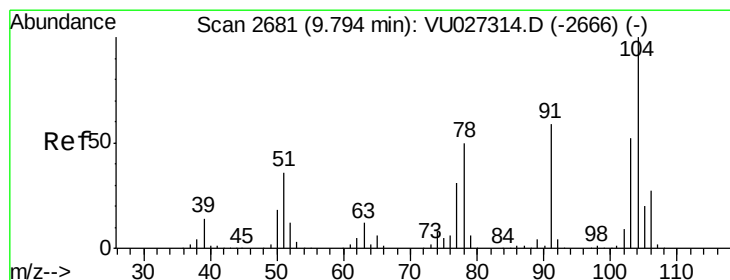
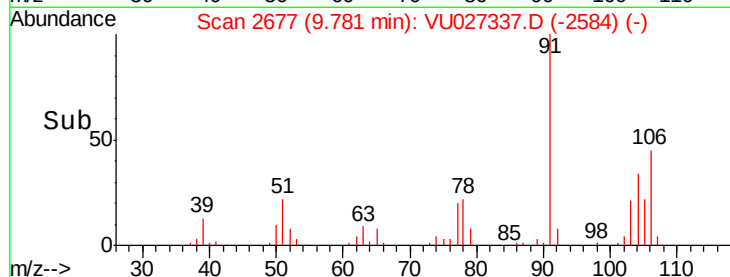
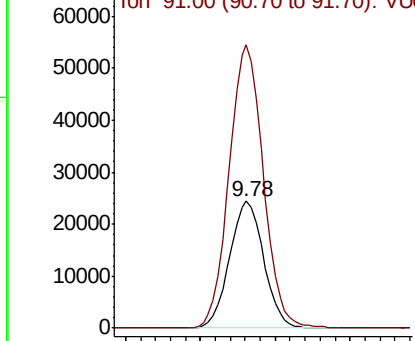
#69  
o-Xylene  
Concen: 18.864 ug/l  
RT: 9.78 min Scan# 2677  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1002WBS01

Tot Ion:106 Resp: 38806  
Ion Ratio Lower Upper  
106 100  
91 223.3 111.7 334.9

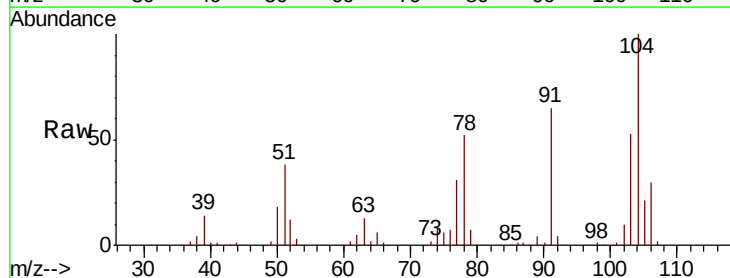


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VU0

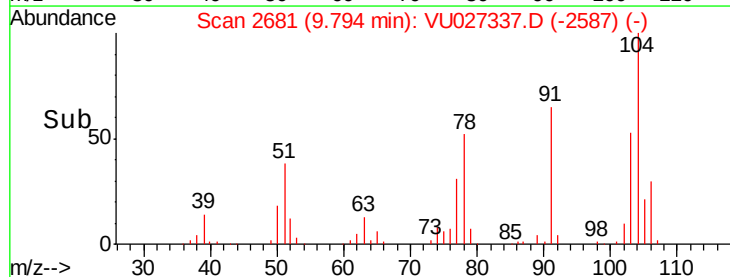
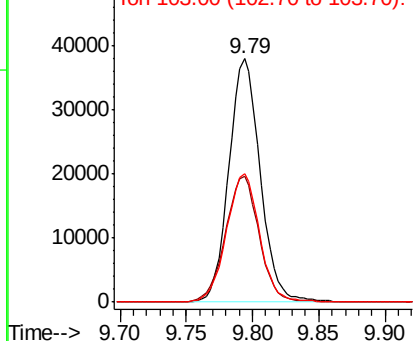


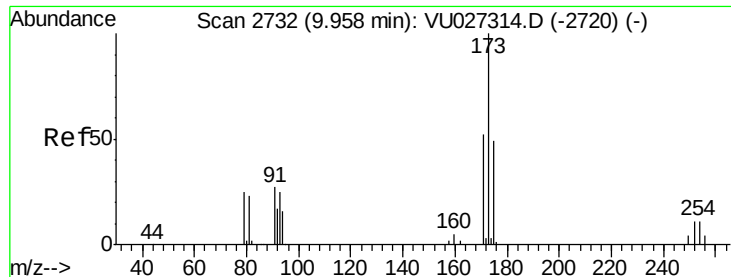
#70  
Styrene  
Concen: 17.858 ug/l  
RT: 9.79 min Scan# 2681  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Tgt Ion:104 Resp: 62715  
Ion Ratio Lower Upper  
104 100  
78 55.5 42.9 64.3  
103 55.4 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: 18.375 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

VU1002WBS01

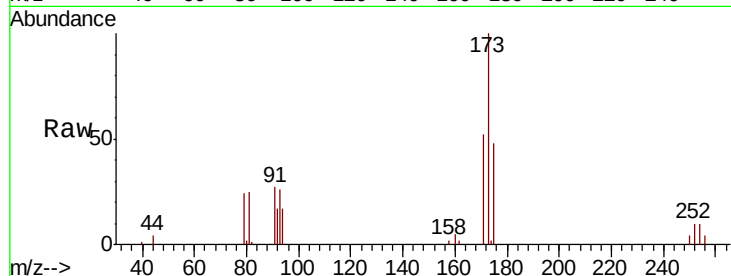
Tot Ion:173 Resp: 17048

Ion Ratio Lower Upper

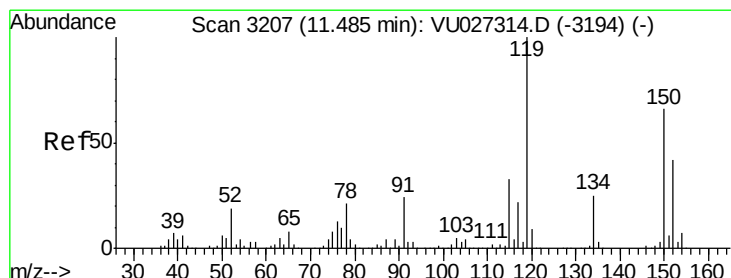
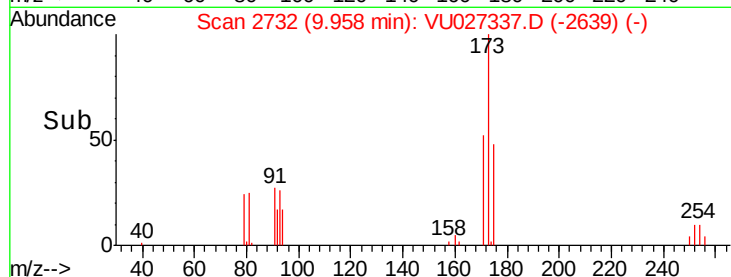
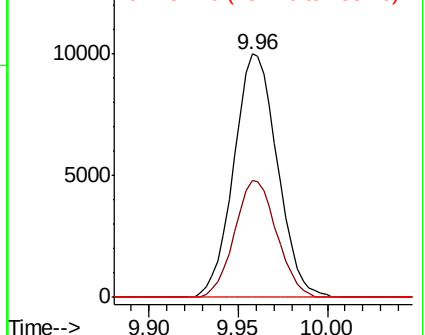
173 100

175 46.5 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: VU027337.D

Acq: 02 Oct 2018 10:18

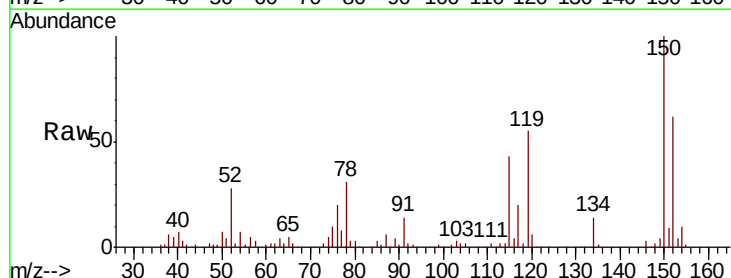
Tgt Ion:152 Resp: 74978

Ion Ratio Lower Upper

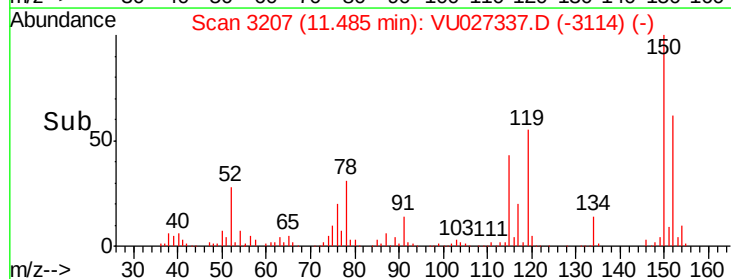
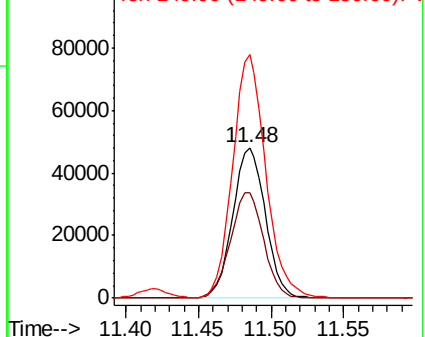
152 100

115 71.5 43.4 130.2

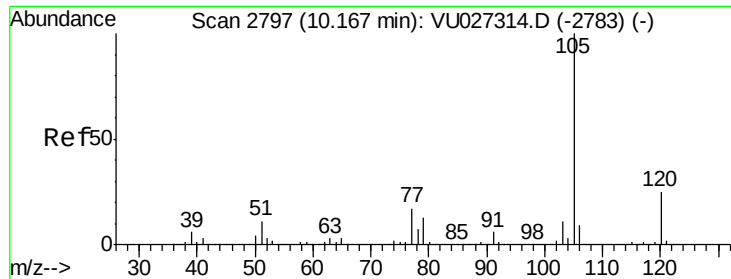
150 163.7 0.0 349.2



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: 19.334 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

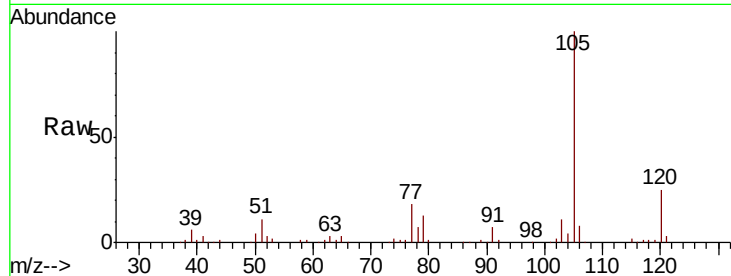
VU1002WBS01

Tot Ion:105 Resp: 105284

Ion Ratio Lower Upper

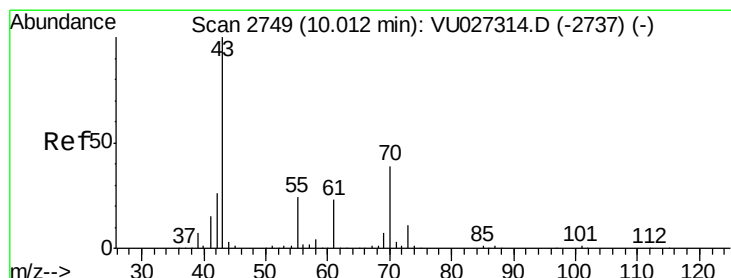
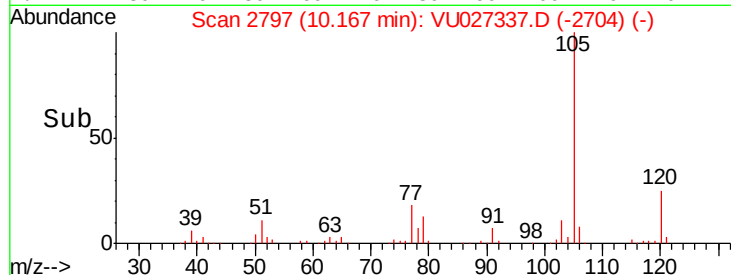
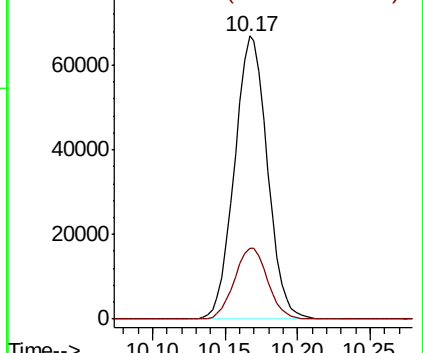
105 100

120 25.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.504 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Tgt Ion: 43 Resp: 57685

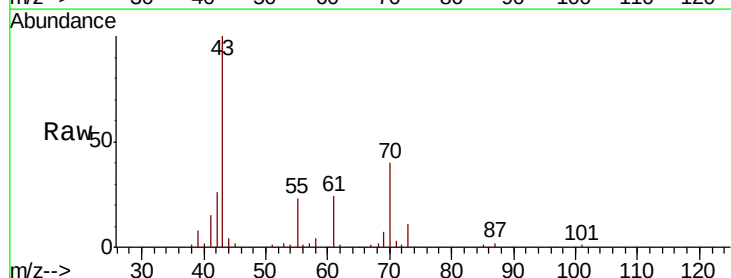
Ion Ratio Lower Upper

43 100

70 39.6 31.3 46.9

55 23.8 19.0 28.6

61 23.3 18.5 27.7

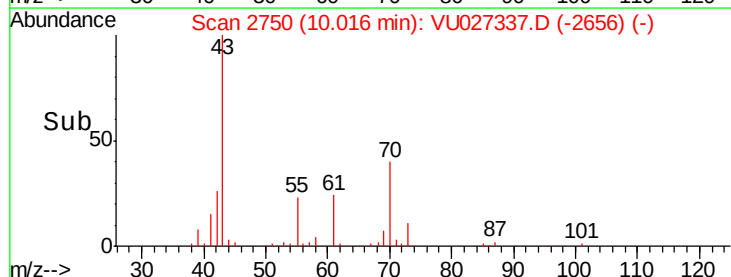
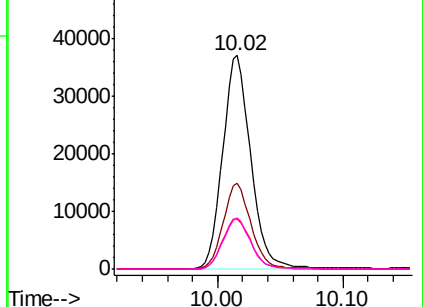


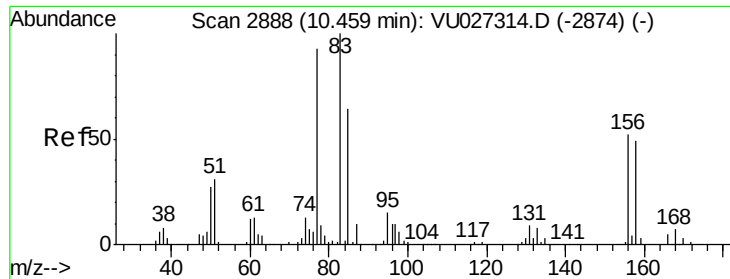
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.549 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

VU1002WBS01

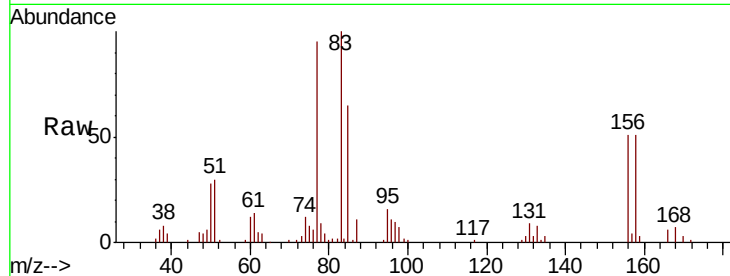
Tot Ion: 83 Resp: 41801

Ion Ratio Lower Upper

83 100

131 8.3 4.4 13.2

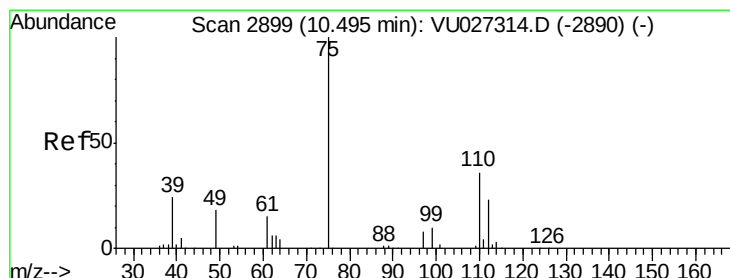
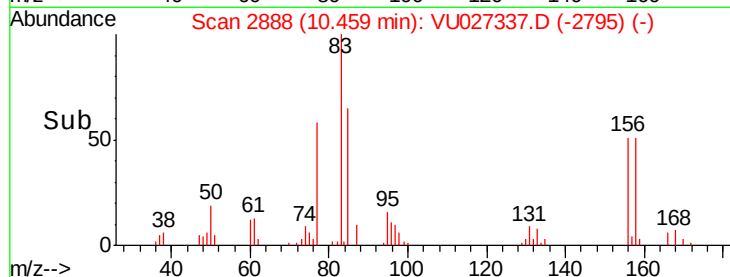
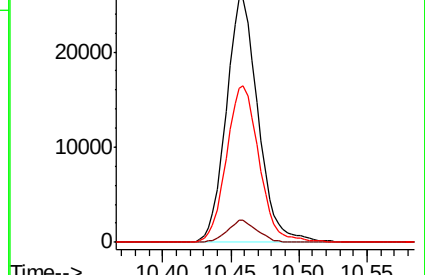
85 65.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VU027337.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027337.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027337.D (-2795) (-)



#76

1,2,3-Trichloropropane

Concen: 24.833 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027337.D

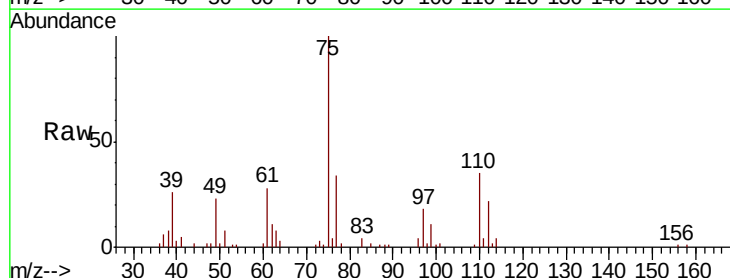
Acq: 02 Oct 2018 10:18

Tgt Ion: 75 Resp: 48266

Ion Ratio Lower Upper

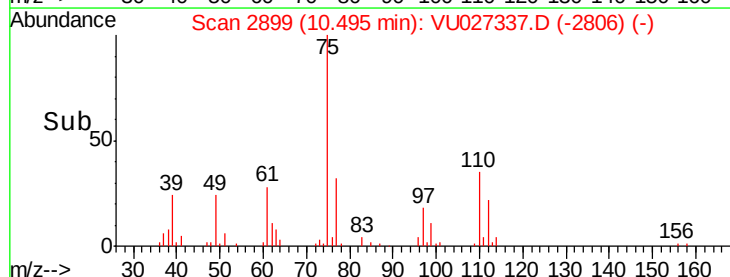
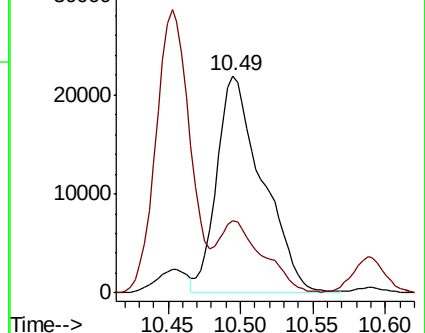
75 100

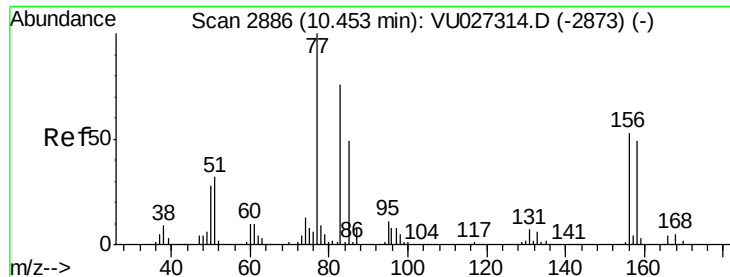
77 30.8 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VU027337.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027337.D (-2806) (-)





#77

Bromobenzene

Concen: 19.188 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

VU1002WBS01

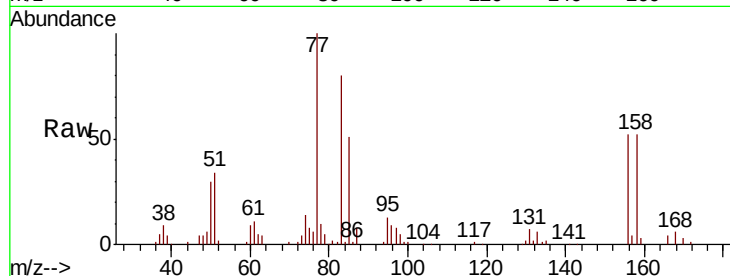
Tot Ion:156 Resp: 24284

Ion Ratio Lower Upper

156 100

77 193.0 94.8 284.4

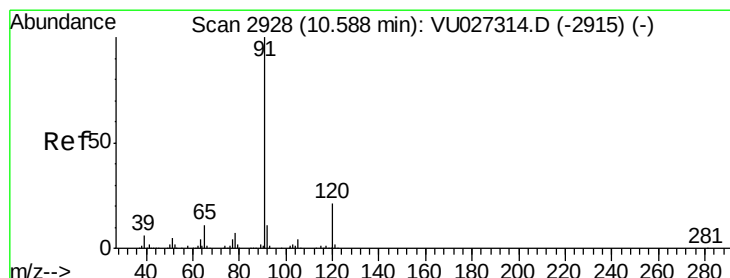
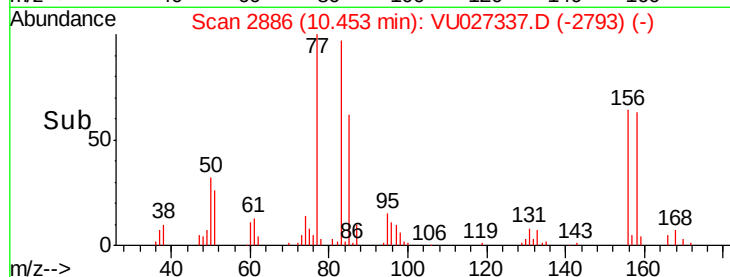
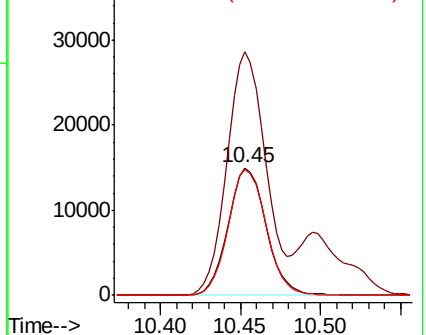
158 98.2 47.4 142.3



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: 19.019 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027337.D

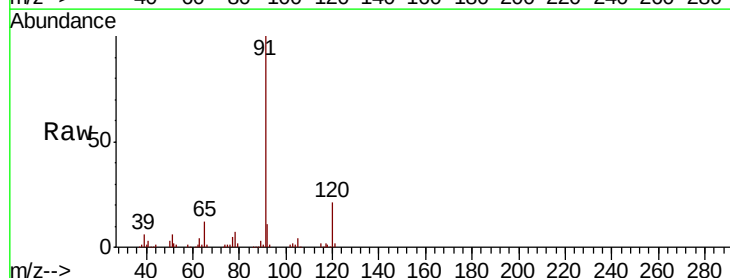
Acq: 02 Oct 2018 10:18

Tgt Ion: 91 Resp: 124451

Ion Ratio Lower Upper

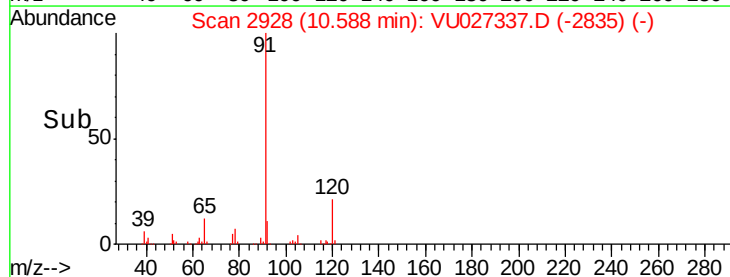
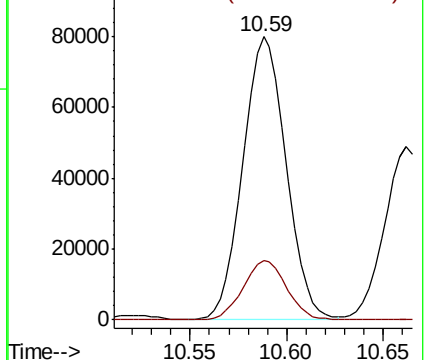
91 100

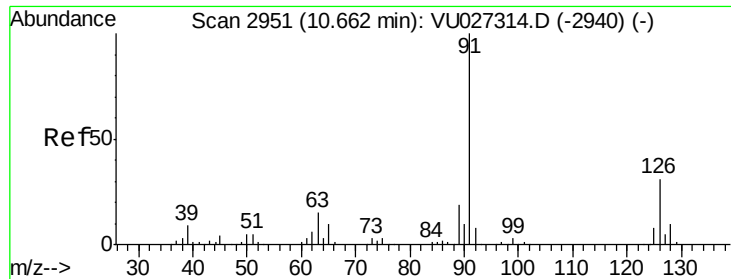
120 20.9 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

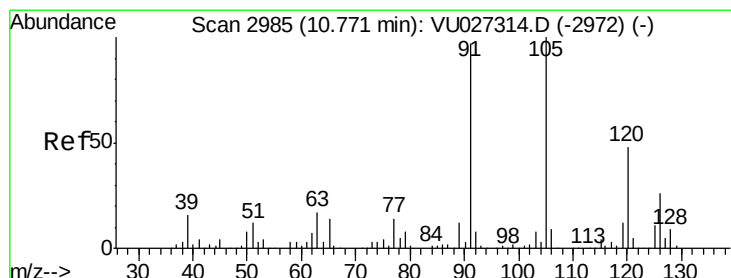
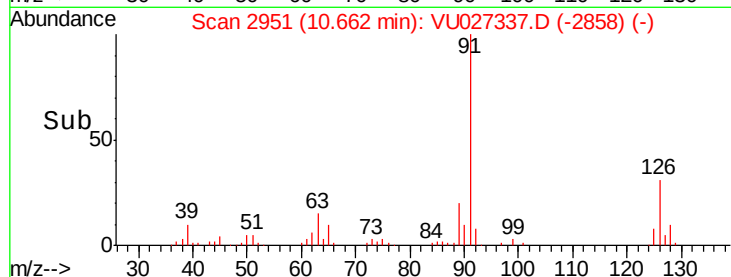
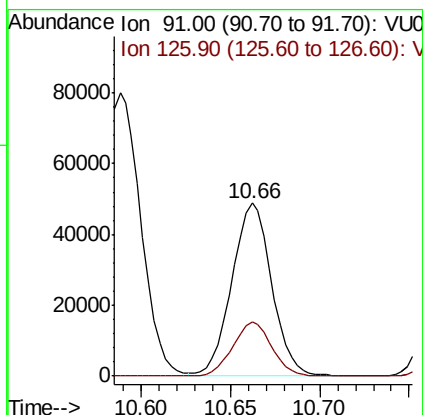
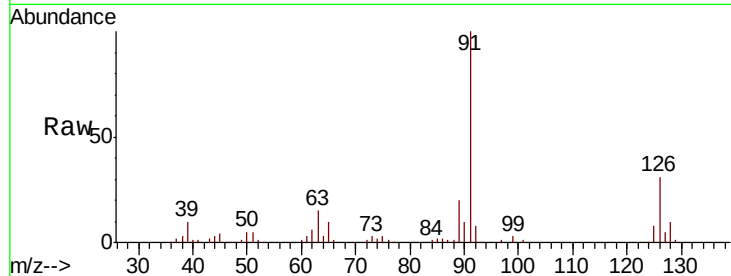




#79  
 2-Chlorotoluene  
 Concen: 19.130 ug/l  
 RT: 10.66 min Scan# 2951  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

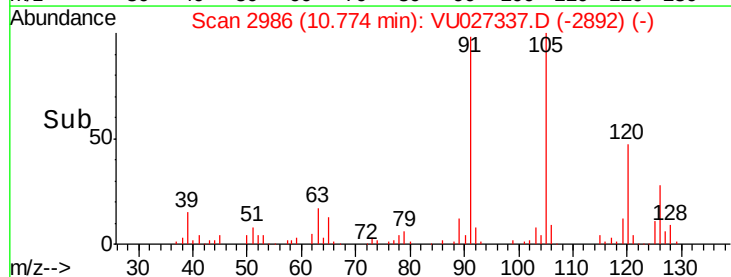
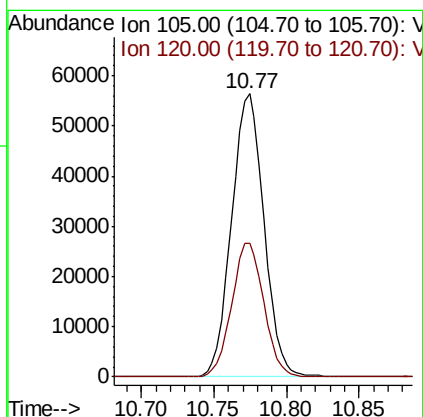
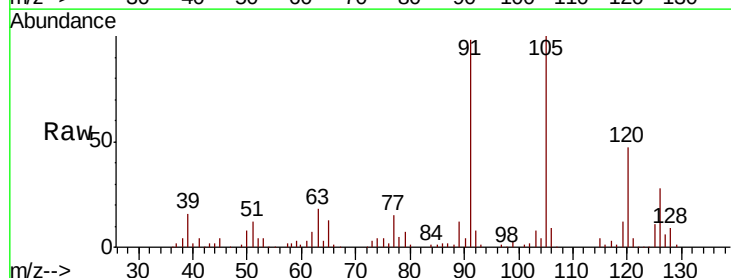
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1002WBS01

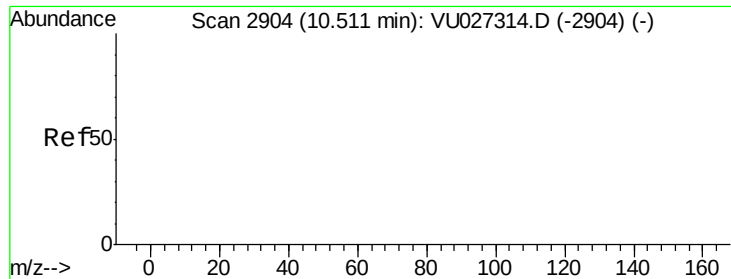
Tot Ion: 91 Resp: 75582  
 Ion Ratio Lower Upper  
 91 100  
 126 30.8 15.7 47.1



#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.681 ug/l  
 RT: 10.77 min Scan# 2986  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

Tgt Ion: 105 Resp: 87256  
 Ion Ratio Lower Upper  
 105 100  
 120 46.8 24.1 72.4

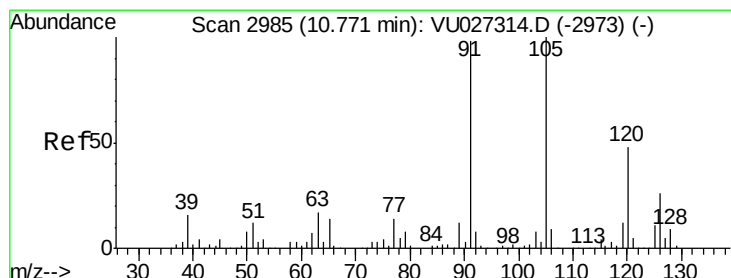
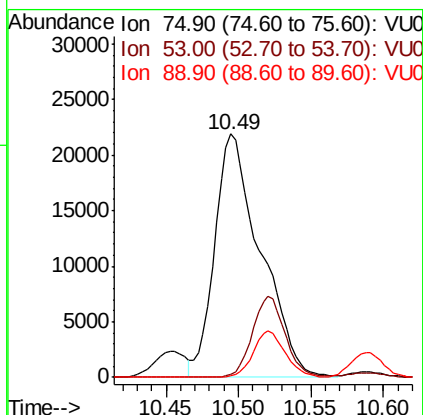
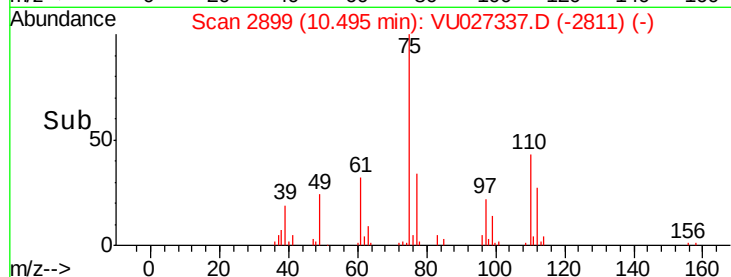
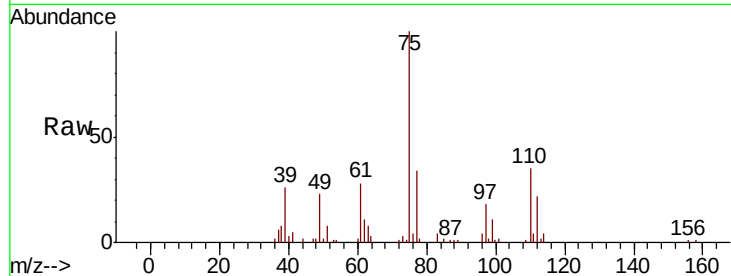




#81  
trans-1,4-Dichloro-2-butene  
Concen: 64.991 ug/l  
RT: 10.49 min Scan# 2899  
Delta R.T. -0.02 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

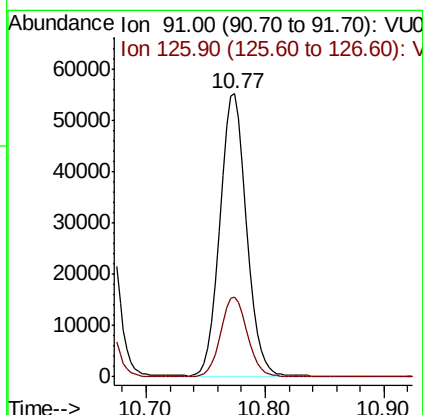
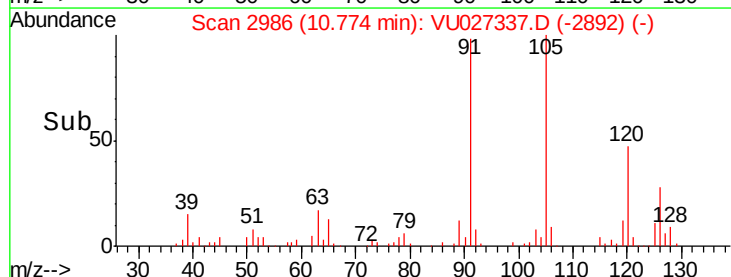
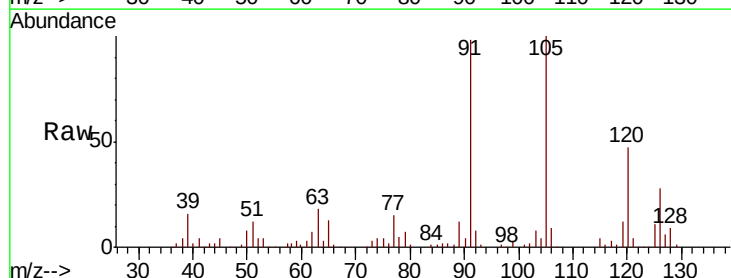
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1002WBS01

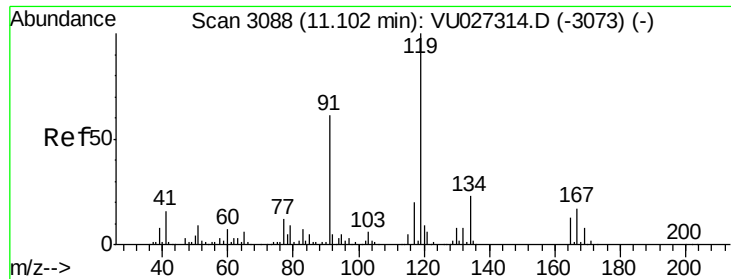
Tot Ion: 75 Resp: 48266  
Ion Ratio Lower Upper  
75 100  
53 0.0 0.0 0.0  
89 0.0 0.0 0.0



#82  
4-Chlorotoluene  
Concen: 19.213 ug/l  
RT: 10.77 min Scan# 2986  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Tgt Ion: 91 Resp: 86140  
Ion Ratio Lower Upper  
91 100  
126 28.2 13.6 40.8

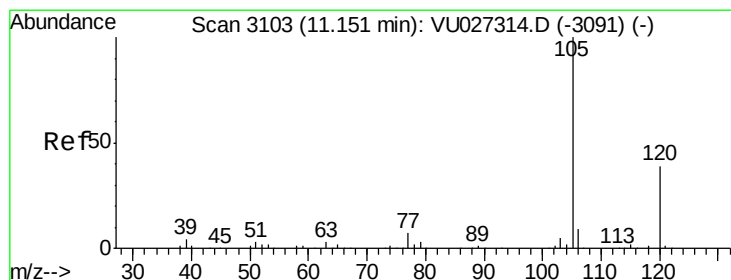
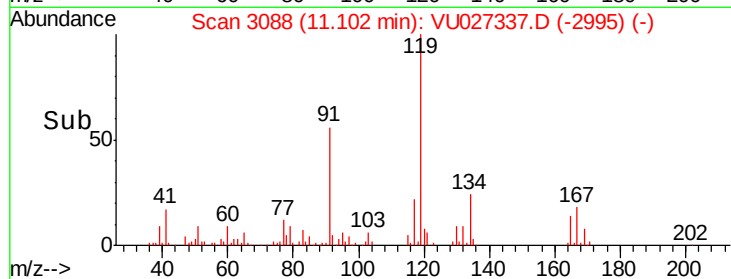
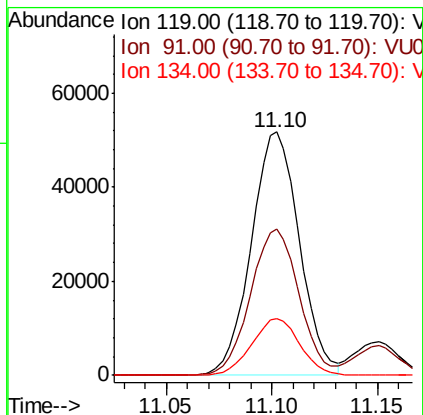
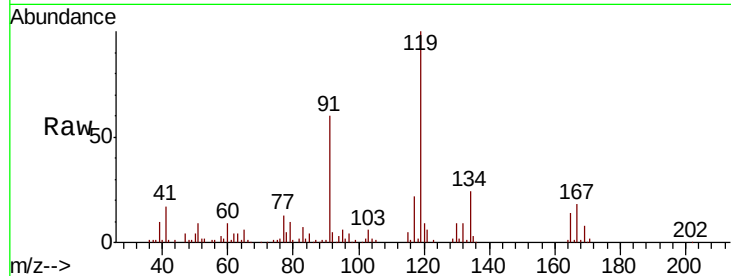




#83  
 tert-Butylbenzene  
 Concen: 19.178 ug/l  
 RT: 11.10 min Scan# 3088  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

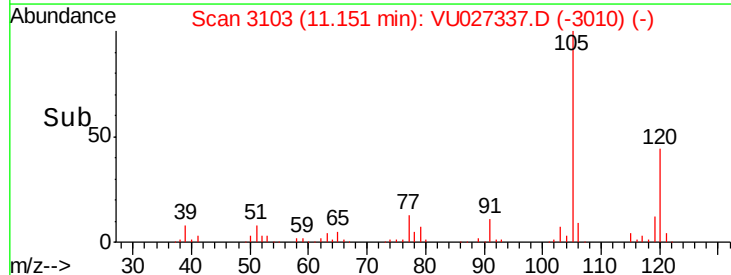
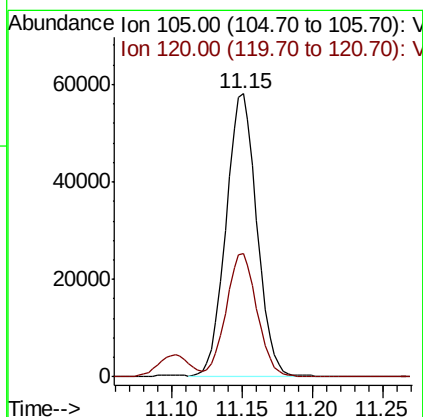
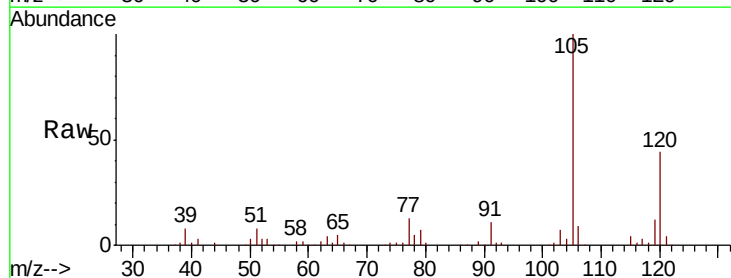
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1002WBS01

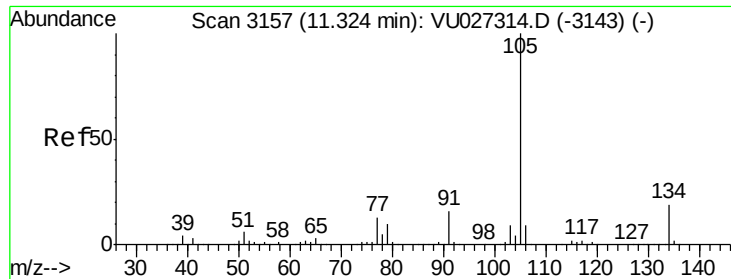
Tot Ion:119 Resp: 82197  
 Ion Ratio Lower Upper  
 119 100  
 91 60.9 30.3 91.0  
 134 23.1 11.5 34.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.526 ug/l  
 RT: 11.15 min Scan# 3103  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

Tgt Ion:105 Resp: 88428  
 Ion Ratio Lower Upper  
 105 100  
 120 44.0 22.1 66.5

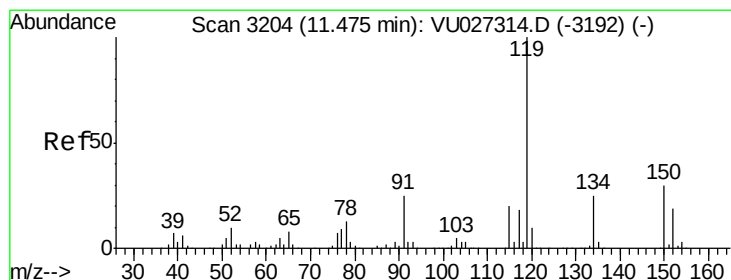
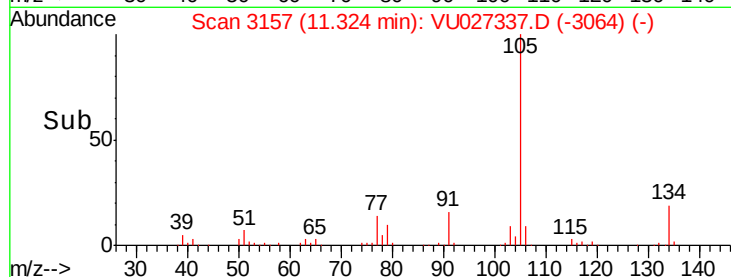
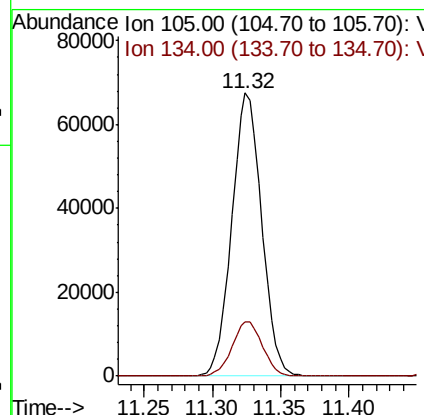
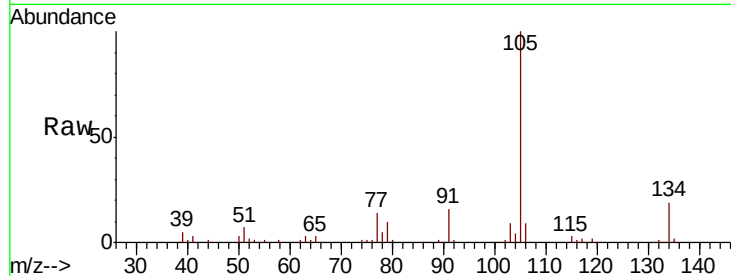




#85  
 sec-Butylbenzene  
 Concen: 19.036 ug/l  
 RT: 11.32 min Scan# 3157  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

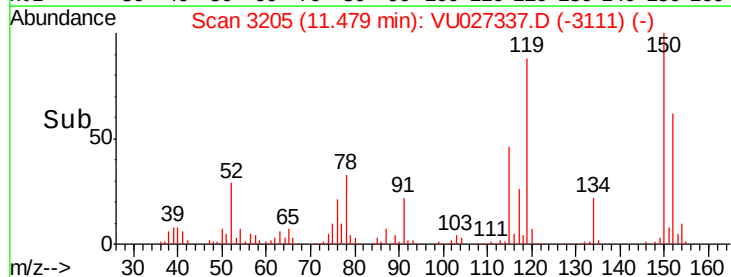
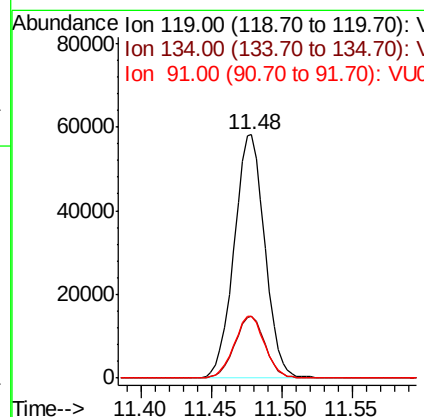
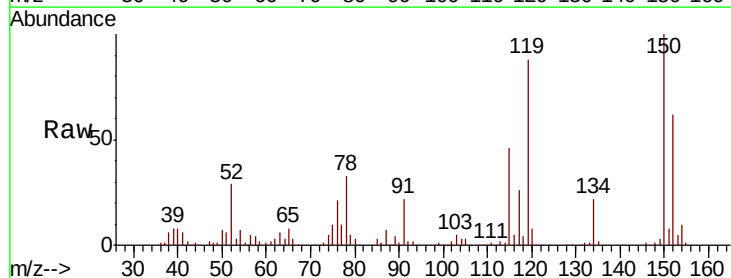
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1002WBS01

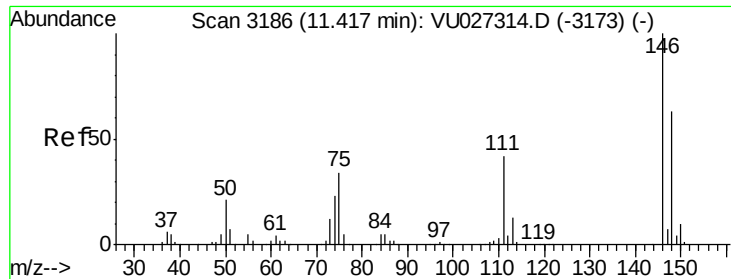
Tot Ion:105 Resp: 102797  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.6 28.6



#86  
 p-Isopropyltoluene  
 Concen: 19.119 ug/l  
 RT: 11.48 min Scan# 3205  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

Tgt Ion:119 Resp: 88400  
 Ion Ratio Lower Upper  
 119 100  
 134 25.0 12.7 38.1  
 91 25.3 12.2 36.4

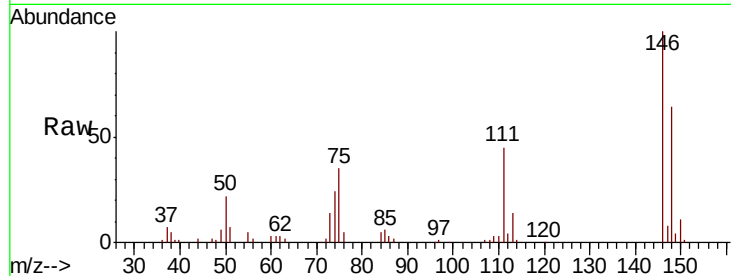




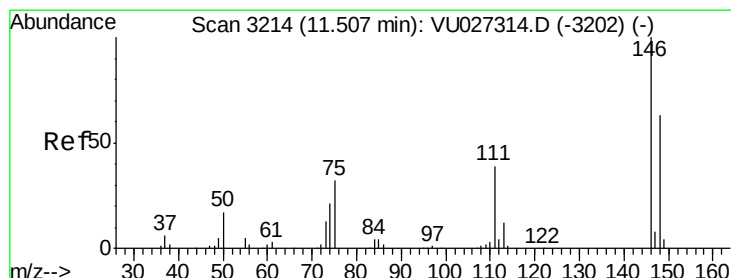
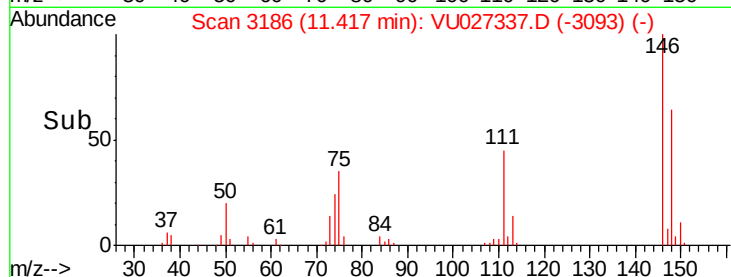
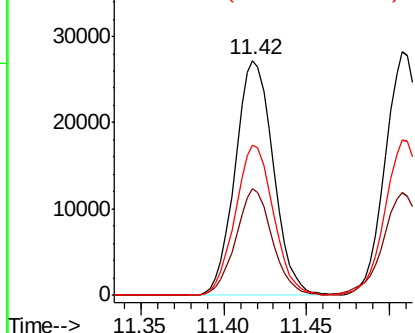
#87  
 1,3-Dichlorobenzene  
 Concen: 18.198 ug/l  
 RT: 11.42 min Scan# 3186  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1002WBS01

Tot Ion:146 Resp: 43611  
 Ion Ratio Lower Upper  
 146 100  
 111 43.5 20.8 62.5  
 148 63.7 31.6 94.8

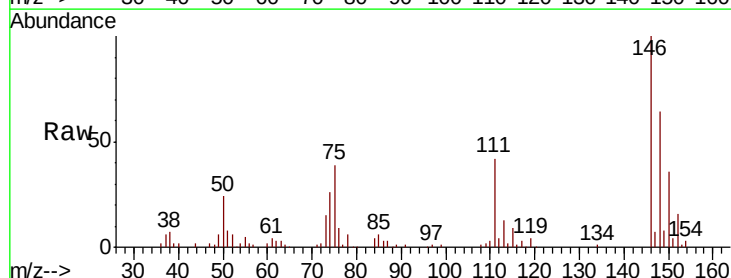


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

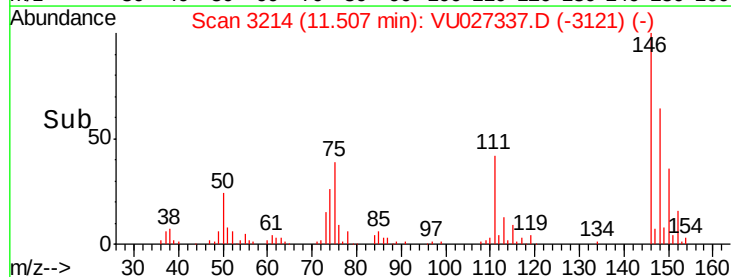
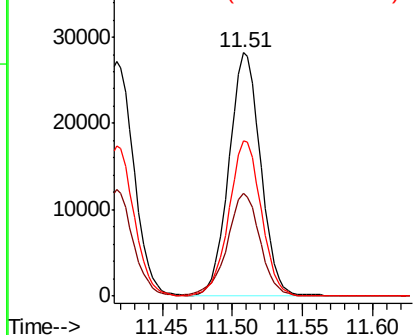


#88  
 1,4-Dichlorobenzene  
 Concen: 18.156 ug/l  
 RT: 11.51 min Scan# 3214  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

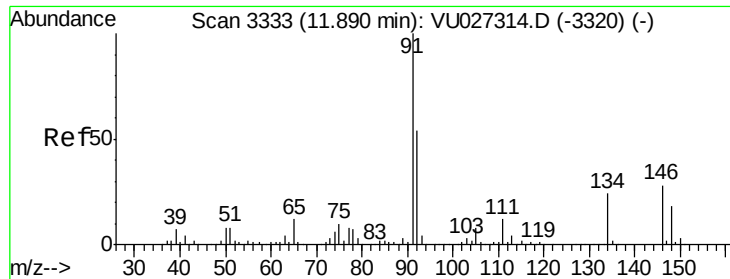
Tgt Ion:146 Resp: 44462  
 Ion Ratio Lower Upper  
 146 100  
 111 43.7 20.4 61.2  
 148 65.1 31.9 95.5



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



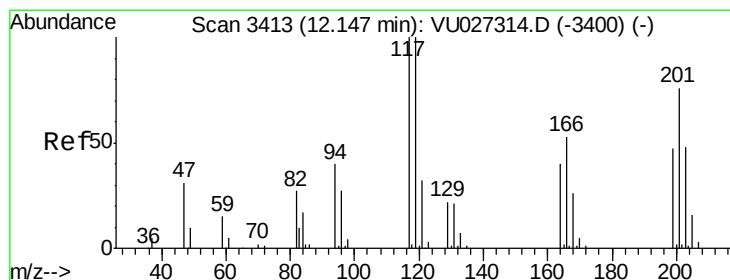
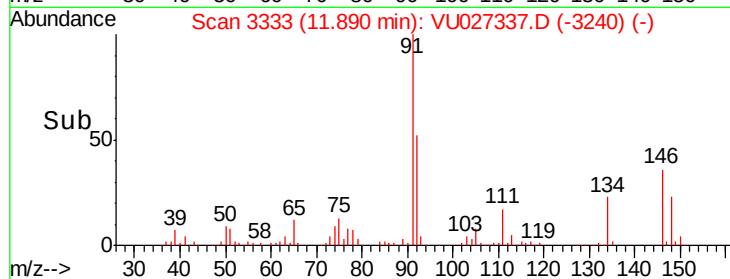
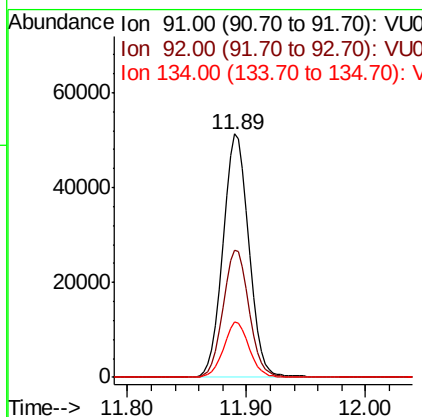
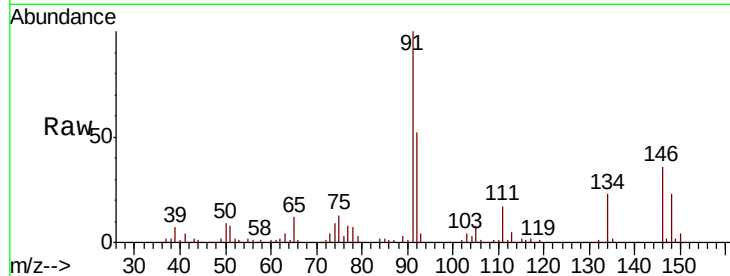




#89  
n-Butylbenzene  
Concen: 17.138 ug/l  
RT: 11.89 min Scan# 3333  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

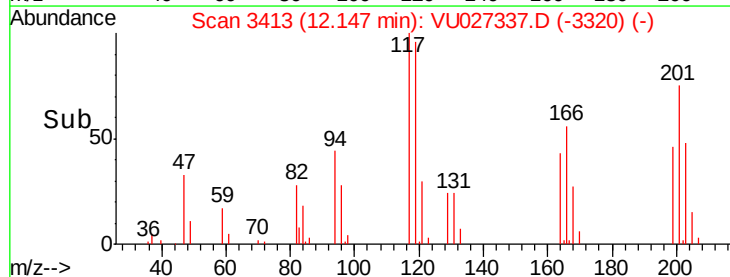
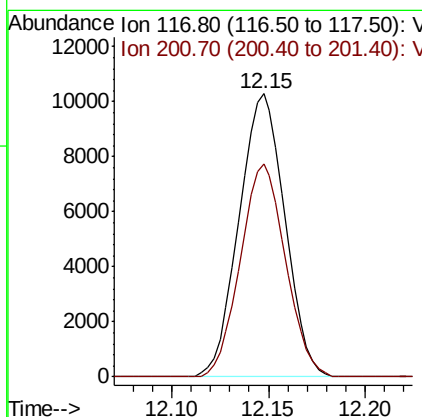
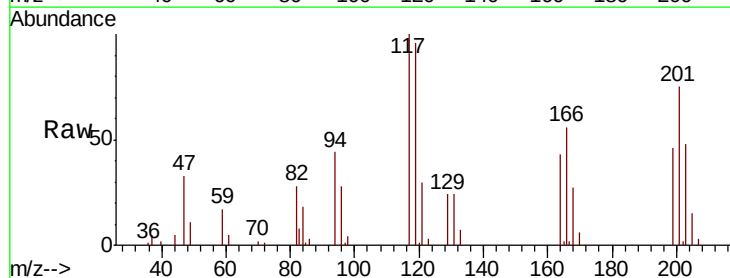
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1002WBS01

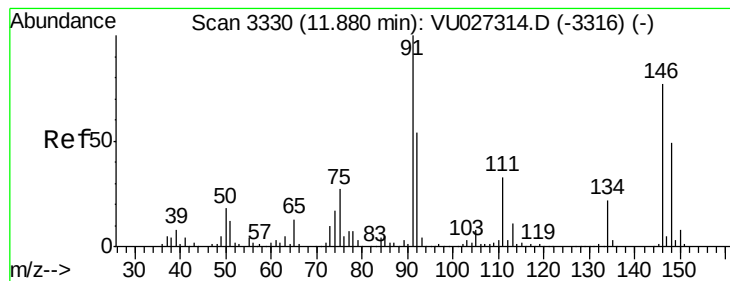
Tot Ion: 91 Resp: 77547  
Ion Ratio Lower Upper  
91 100  
92 52.3 27.0 81.0  
134 22.1 11.7 35.1



#90  
Hexachloroethane  
Concen: 19.496 ug/l  
RT: 12.15 min Scan# 3413  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Tgt Ion: 117 Resp: 16992  
Ion Ratio Lower Upper  
117 100  
201 73.9 37.9 113.6





#91

1,2-Dichlorobenzene

Concen: 18.611 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

Instrument :

MSVOA\_U

ClientSampleId :

VU1002WBS01

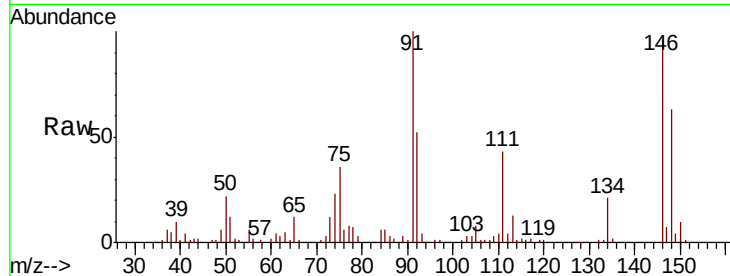
Tot Ion:146 Resp: 43413

Ion Ratio Lower Upper

146 100

111 45.3 21.8 65.4

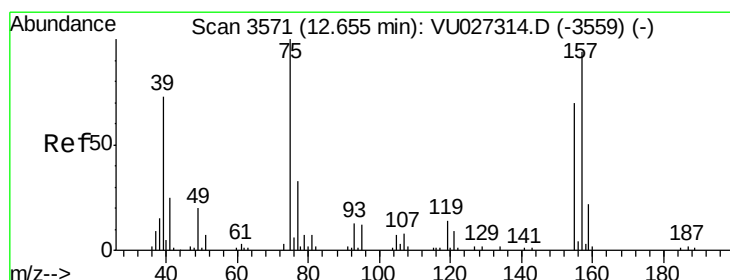
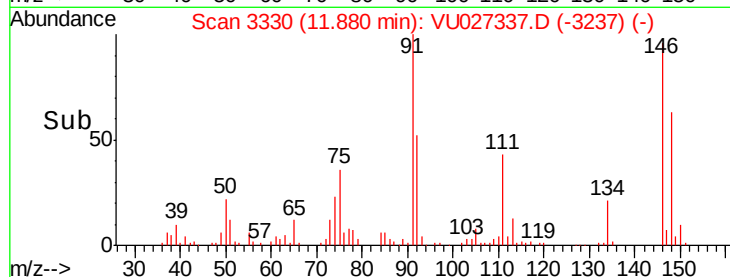
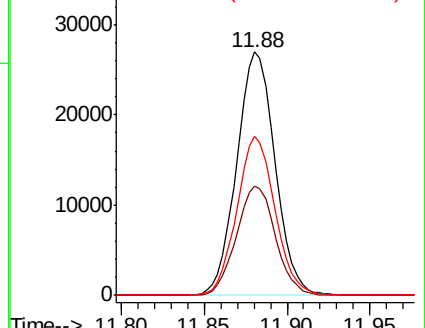
148 65.0 31.9 95.5



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: 18.888 ug/l

RT: 12.66 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VU027337.D

Acq: 02 Oct 2018 10:18

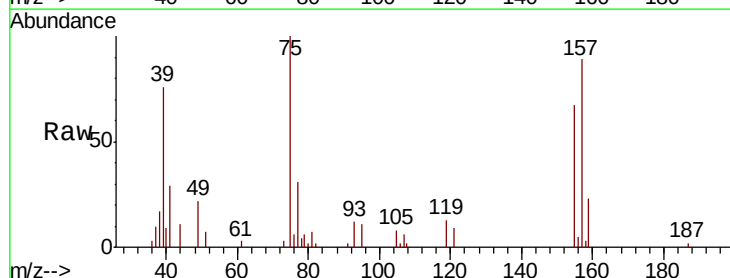
Tgt Ion: 75 Resp: 8951

Ion Ratio Lower Upper

75 100

155 69.3 35.9 107.8

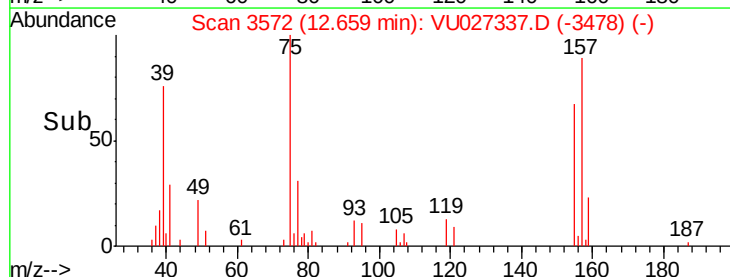
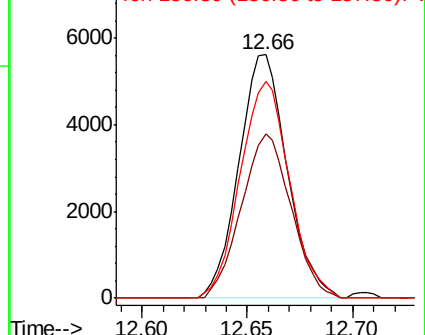
157 90.7 46.9 140.6

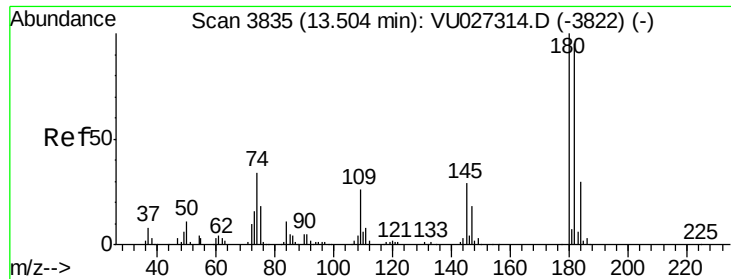


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

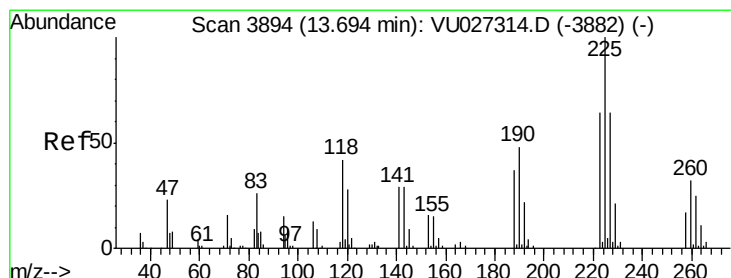
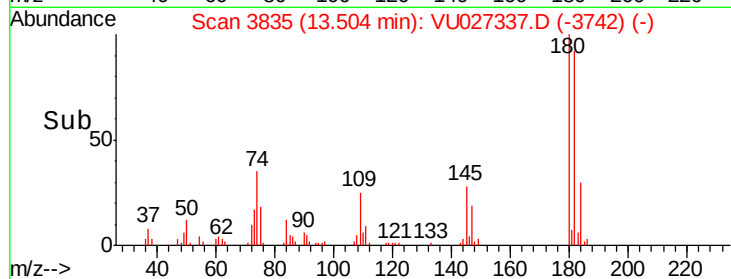
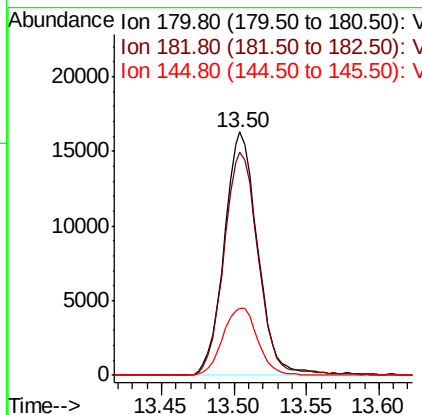
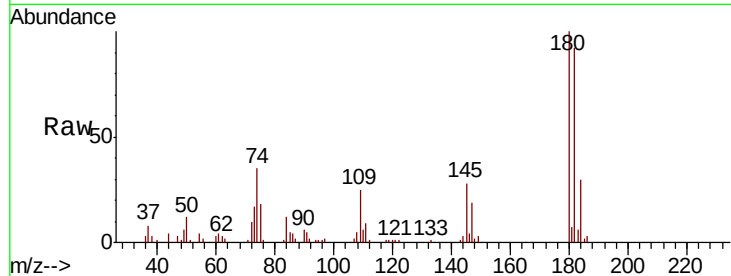




#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.269 ug/l  
 RT: 13.50 min Scan# 3835  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

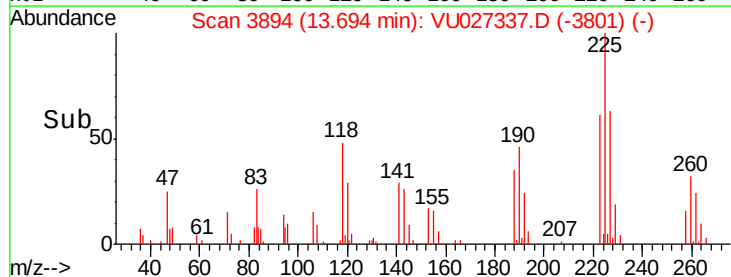
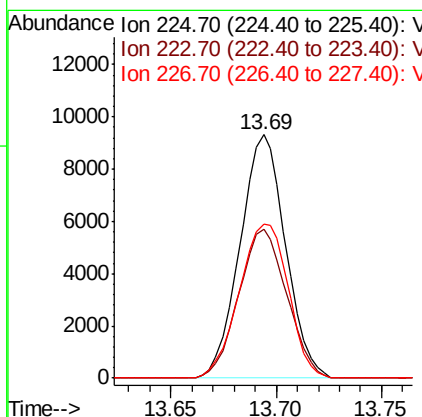
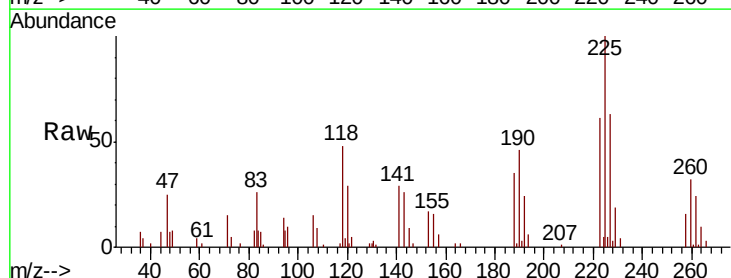
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1002WBS01

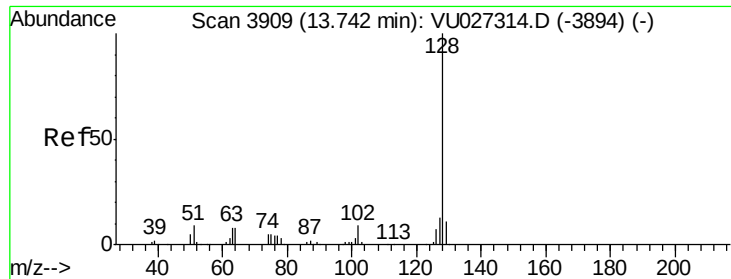
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.9  | 47.4  | 142.3 |
| 145     | 28.8  | 14.6  | 44.0  |



#94  
 Hexachlorobutadiene  
 Concen: 18.315 ug/l  
 RT: 13.69 min Scan# 3894  
 Delta R.T. 0.00 min  
 Lab File: VU027337.D  
 Acq: 02 Oct 2018 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.5  | 31.8  | 95.3  |
| 227     | 68.2  | 31.9  | 95.7  |

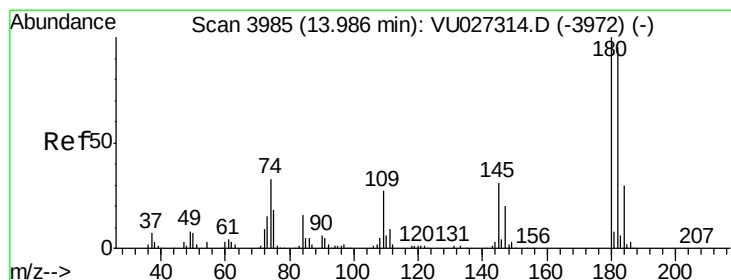
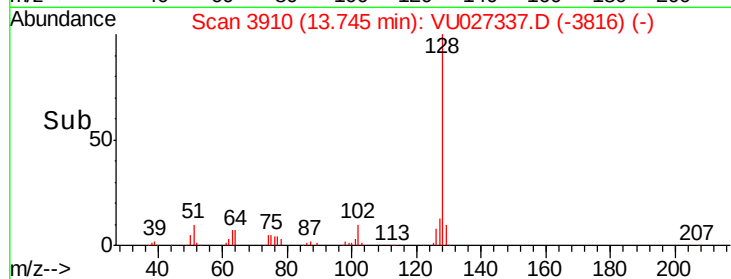
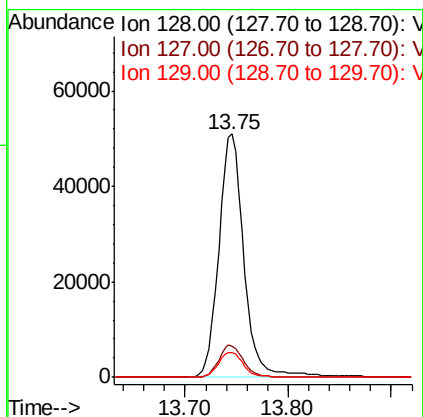
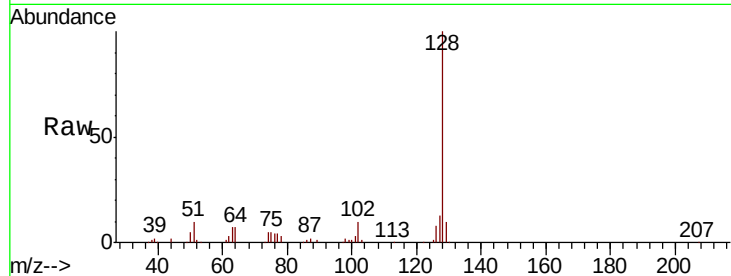




#95  
Naphthalene  
Concen: 16.335 ug/l  
RT: 13.75 min Scan# 3910  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1002WBS01

Tot Ion:128 Resp: 86046  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.5 15.7  
129 10.6 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 17.283 ug/l  
RT: 13.99 min Scan# 3986  
Delta R.T. 0.00 min  
Lab File: VU027337.D  
Acq: 02 Oct 2018 10:18

Tgt Ion:180 Resp: 27177  
Ion Ratio Lower Upper  
180 100  
182 100.6 47.4 142.2  
145 32.9 15.9 47.7

