

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU092218\  
 Data File : VU026993.D  
 Acq On : 22 Sep 2018 03:24  
 Operator : MD/SY  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0922WBL02

Quant Time: Sep 22 04:41:58 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U092218W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 22 01:31:57 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.98  | 168  | 77702    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 133072   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 132086   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 72330    | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 5.31   | 65  | 84172    | 53.82 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 107.64% |      |
| 35) Dibromofluoromethane    | 4.88   | 113 | 58759    | 50.94 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.88% |      |
| 50) Toluene-d8              | 7.57   | 98  | 216401   | 49.23 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.46%  |      |
| 62) 4-Bromofluorobenzene    | 10.31  | 95  | 79003    | 52.38 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 104.76% |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.21 | 85  | 45910   | 45.254  | ug/l | 98     |
| 3) Chloromethane              | 1.33 | 50  | 81355   | 46.512  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 74230   | 45.464  | ug/l | 98     |
| 5) Bromomethane               | 1.61 | 94  | 41897   | 45.062  | ug/l | 95     |
| 6) Chloroethane               | 1.69 | 64  | 50988   | 48.876  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.88 | 101 | 85404   | 46.056  | ug/l | 98     |
| 8) Diethyl Ether              | 2.10 | 74  | 48142   | 53.936  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.29 | 101 | 52569   | 46.105  | ug/l | 98     |
| 10) Methyl Iodide             | 2.41 | 142 | 61768   | 43.680  | ug/l | 99     |
| 11) Tert butyl alcohol        | 2.83 | 59  | 91481   | 255.211 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.28 | 96  | 49943   | 46.537  | ug/l | 96     |
| 13) Acrolein                  | 2.19 | 56  | 51372   | 265.859 | ug/l | 99     |
| 14) Allyl chloride            | 2.59 | 41  | 111038  | 51.013  | ug/l | 98     |
| 15) Acrylonitrile             | 2.93 | 53  | 245740  | 272.005 | ug/l | 99     |
| 16) Acetone                   | 2.32 | 43  | 217775  | 263.016 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.48 | 76  | 162290  | 46.421  | ug/l | 99     |
| 18) Methyl Acetate            | 2.61 | 43  | 119237  | 53.568  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.00 | 73  | 224359  | 56.891  | ug/l | 100    |
| 20) Methylene Chloride        | 2.70 | 84  | 70265   | 50.169  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 2.98 | 96  | 57516   | 50.197  | ug/l | 99     |
| 22) Diisopropyl ether         | 3.57 | 45  | 269257  | 57.834  | ug/l | 96     |
| 23) Vinyl Acetate             | 3.52 | 43  | 1157539 | 291.673 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.44 | 63  | 135435  | 52.818  | ug/l | 99     |
| 25) 2-Butanone                | 4.26 | 43  | 344337  | 261.999 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 4.23 | 77  | 80102   | 40.056  | ug/l | 97     |
| 27) cis-1,2-Dichloroethene    | 4.22 | 96  | 68271   | 52.760  | ug/l | 99     |
| 28) Bromochloromethane        | 4.55 | 49  | 70975   | 57.421  | ug/l | 97     |
| 29) Tetrahydrofuran           | 4.64 | 42  | 223749  | 281.430 | ug/l | 99     |
| 30) Chloroform                | 4.67 | 83  | 123433  | 51.859  | ug/l | 100    |
| 31) Cyclohexane               | 5.00 | 56  | 113765  | 48.794  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 4.92 | 97  | 95292   | 50.144  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.14 | 75  | 86420   | 48.660  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.38 | 43  | 125363  | 52.142  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.13 | 117 | 78756   | 46.599  | ug/l | 96     |

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 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0922WBL02

Quant Time: Sep 22 04:41:58 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U092218W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 22 01:31:57 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 6.42  | 83   | 96978    | 50.247   | ug/l   | 99       |
| 40) Benzene                    | 5.39  | 78   | 273448   | 50.648   | ug/l   | 99       |
| 41) Methacrylonitrile          | 4.54  | 41   | 71716    | 57.436   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 5.40  | 62   | 109635   | 53.747   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 5.55  | 43   | 196323   | 55.992   | ug/l   | 99       |
| 44) Trichloroethene            | 6.19  | 130  | 57307    | 49.858   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 6.43  | 63   | 81556    | 53.015   | ug/l   | 98       |
| 46) Dibromomethane             | 6.56  | 93   | 48590    | 52.298   | ug/l   | 98       |
| 47) Bromodichloromethane       | 6.76  | 83   | 96421    | 51.324   | ug/l   | 98       |
| 48) Methyl methacrylate        | 6.62  | 41   | 99999    | 52.351   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 6.61  | 88   | 40277    | 1062.826 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 7.46  | 43   | 664962   | 281.981  | ug/l   | 100      |
| 52) Toluene                    | 7.64  | 92   | 160067   | 51.723   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 7.88  | 75   | 110459   | 54.724   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 7.27  | 75   | 116135   | 52.328   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 8.07  | 97   | 70285    | 53.599   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 8.02  | 69   | 117585   | 51.606   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 8.24  | 76   | 132528   | 54.339   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.13  | 63   | 340547   | 263.468  | ug/l   | 100      |
| 59) 2-Hexanone                 | 8.36  | 43   | 501567   | 271.714  | ug/l   | 100      |
| 60) Dibromochloromethane       | 8.48  | 129  | 68743    | 53.444   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 8.59  | 107  | 73197    | 53.649   | ug/l   | 99       |
| 64) Tetrachloroethene          | 8.23  | 164  | 48424    | 47.576   | ug/l   | 97       |
| 65) Chlorobenzene              | 9.12  | 112  | 170242   | 48.609   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.21  | 131  | 61927    | 51.336   | ug/l   | 99       |
| 67) Ethyl Benzene              | 9.25  | 91   | 299595   | 52.021   | ug/l   | 99       |
| 68) m/p-Xylenes                | 9.38  | 106  | 225119   | 96.572   | ug/l   | 100      |
| 69) o-Xylene                   | 9.78  | 106  | 109992   | 53.904   | ug/l   | 100      |
| 70) Styrene                    | 9.79  | 104  | 185177   | 48.654   | ug/l   | 99       |
| 71) Bromoform                  | 9.96  | 173  | 49695    | 53.272   | ug/l # | 100      |
| 73) Isopropylbenzene           | 10.17 | 105  | 289268   | 52.574   | ug/l   | 100      |
| 74) N-amyl acetate             | 10.01 | 43   | 177737   | 55.807   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.46 | 83   | 123597   | 48.858   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 10.49 | 75   | 143899   | 65.487   | ug/l   | 81       |
| 77) Bromobenzene               | 10.45 | 156  | 67835    | 50.453   | ug/l   | 97       |
| 78) n-propylbenzene            | 10.59 | 91   | 349045   | 53.615   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 10.66 | 91   | 211854   | 51.808   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 10.77 | 105  | 241376   | 53.145   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 10.49 | 75   | 143899   | 209.570  | ug/l # | 100      |
| 82) 4-Chlorotoluene            | 10.77 | 91   | 242097   | 52.800   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.10 | 119  | 228562   | 50.901   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.15 | 105  | 250876   | 54.277   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.32 | 105  | 288183   | 52.575   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 11.48 | 119  | 248456   | 48.338   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 11.42 | 146  | 125724   | 50.249   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 11.51 | 146  | 127375   | 46.711   | ug/l   | 99       |
| 89) n-Butylbenzene             | 11.89 | 91   | 230732   | 46.456   | ug/l   | 100      |
| 90) Hexachloroethane           | 12.15 | 117  | 46189    | 46.339   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 11.88 | 146  | 127157   | 47.844   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75   | 26373    | 51.104   | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0922WBL02

Quant Time: Sep 22 04:41:58 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\82U092218W.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 22 01:31:57 2018  
Response via : Initial Calibration

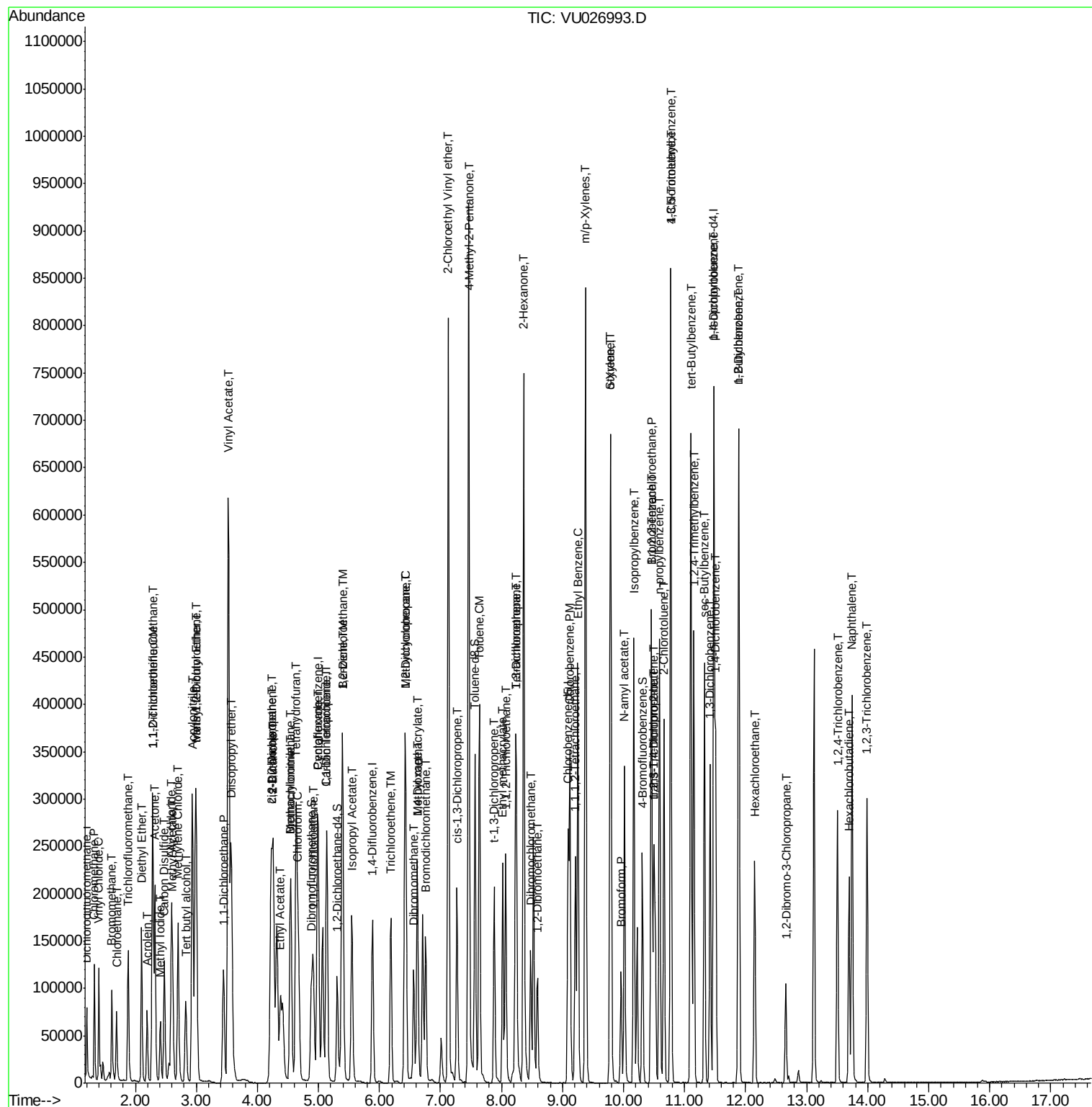
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.50 | 180  | 82790    | 54.056 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.69 | 225  | 38639    | 47.680 | ug/l  | 99       |
| 95) Naphthalene            | 13.75 | 128  | 299325   | 49.986 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180  | 87353    | 53.185 | ug/l  | 99       |

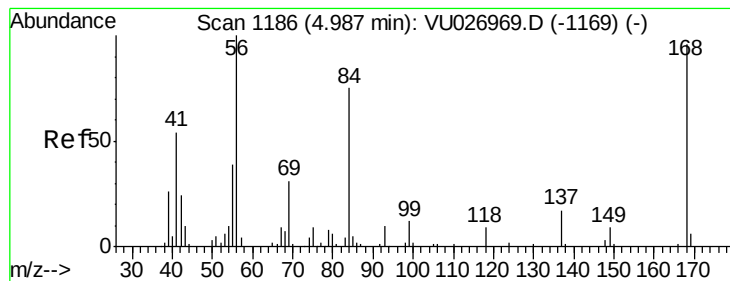
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 Operator : MD/SY  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
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 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: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

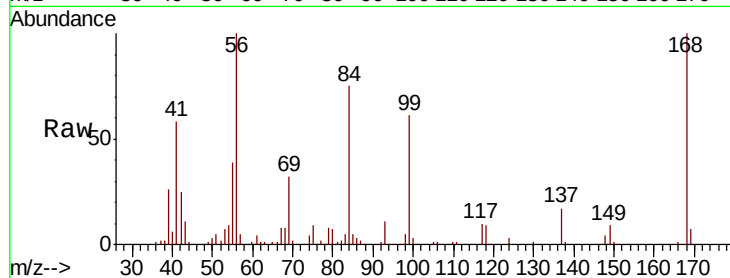
VU0922WBL02

Tgt Ion:168 Resp: 77702

Ion Ratio Lower Upper

168 100

99 59.5 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026993.D (-1093) (-)

4.98

40000

30000

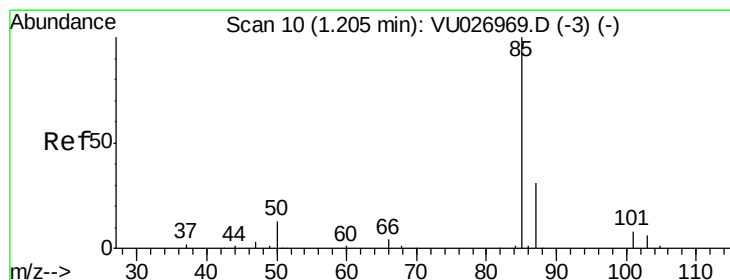
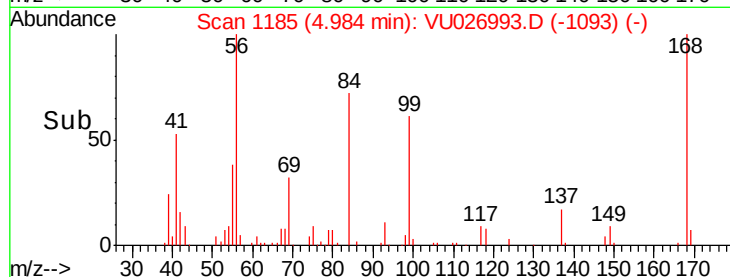
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10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 45.254 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU026993.D

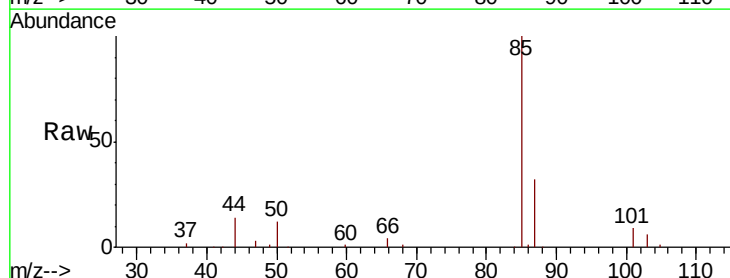
Acq: 22 Sep 2018 03:24

Tgt Ion: 85 Resp: 45910

Ion Ratio Lower Upper

85 100

87 32.0 15.6 46.7



Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU026993.D (-1) (-)

1.21

50000

40000

30000

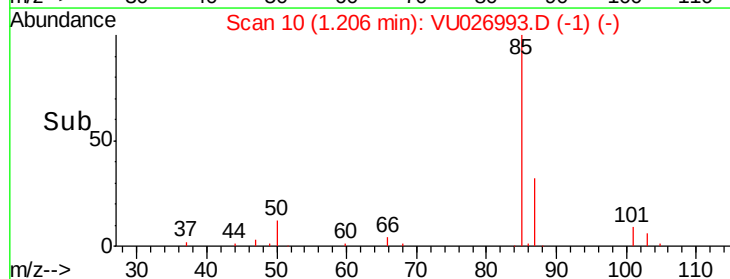
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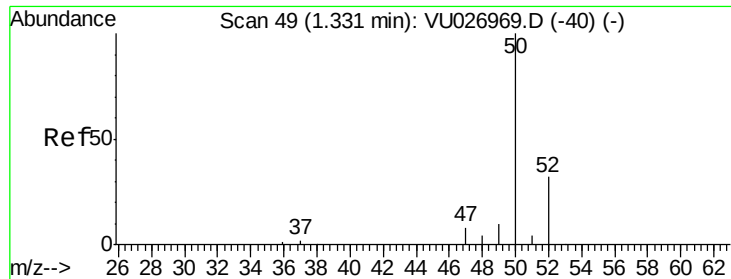
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0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 46.512 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

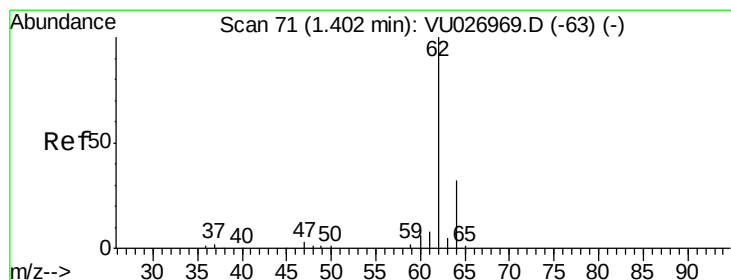
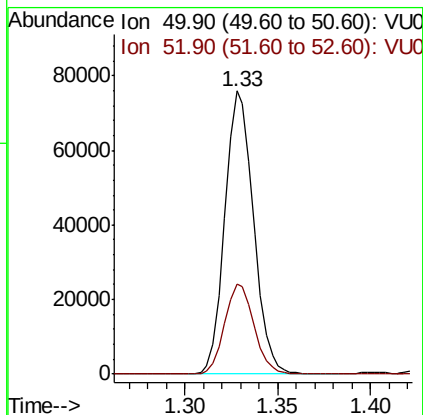
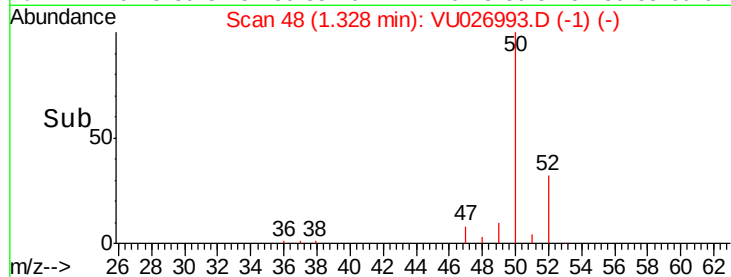
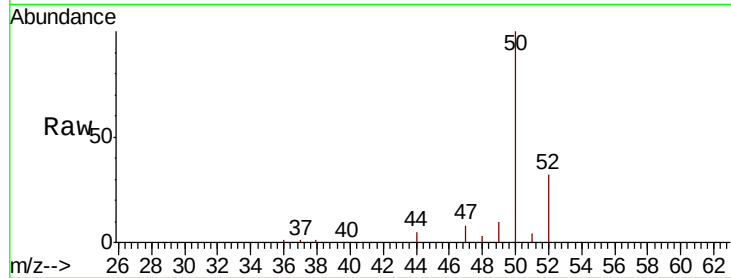
VU0922WBL02

Tgt Ion: 50 Resp: 81355

Ion Ratio Lower Upper

50 100

52 31.7 25.9 38.9



#4

Vinyl Chloride

Concen: 45.464 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU026993.D

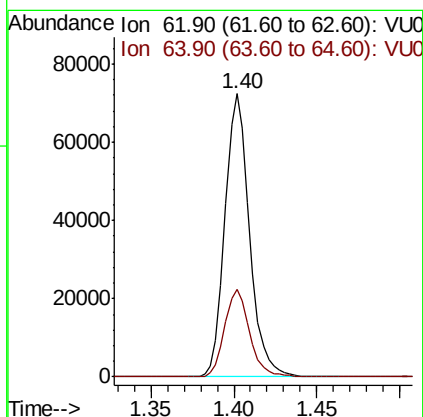
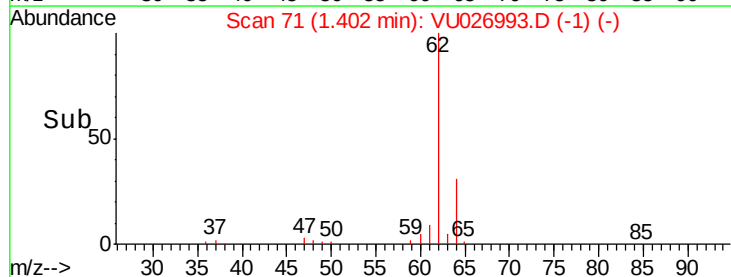
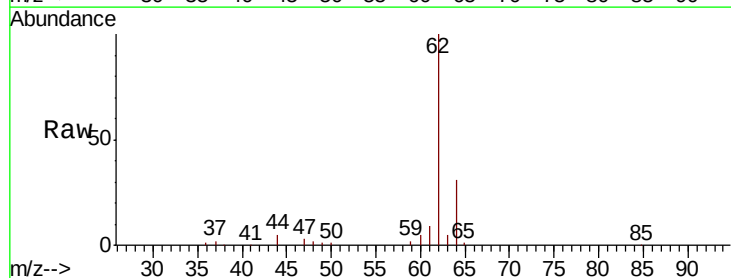
Acq: 22 Sep 2018 03:24

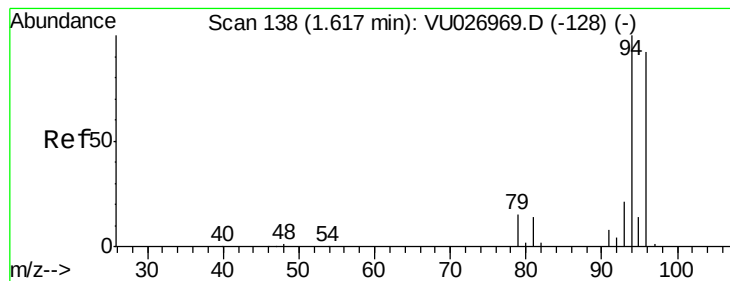
Tgt Ion: 62 Resp: 74230

Ion Ratio Lower Upper

62 100

64 31.0 25.5 38.3





#5

Bromomethane

Concen: 45.062 ug/l

RT: 1.61 min Scan# 137

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

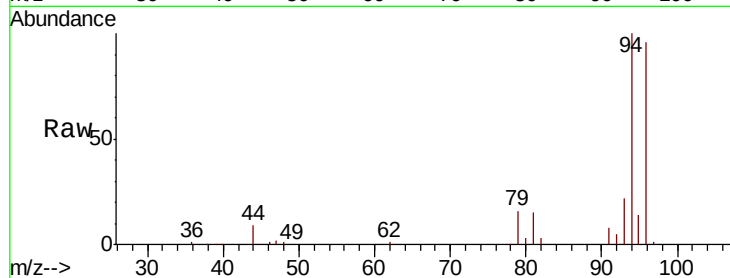
VU0922WBL02

Tgt Ion: 94 Resp: 41897

Ion Ratio Lower Upper

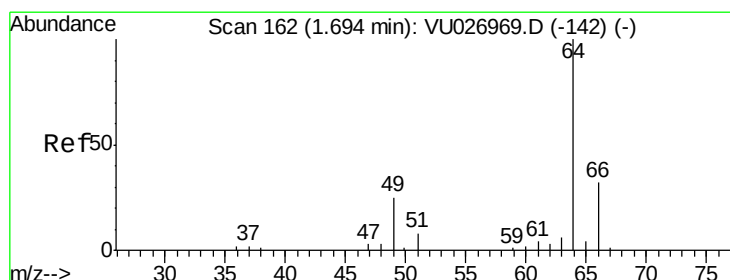
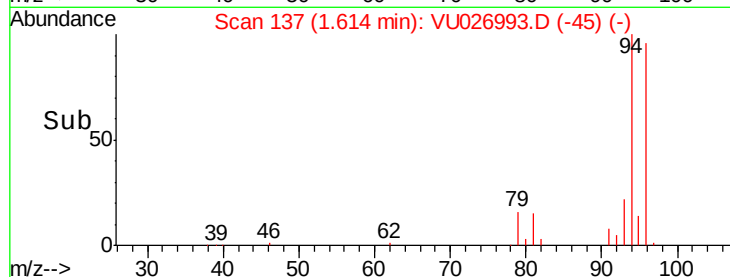
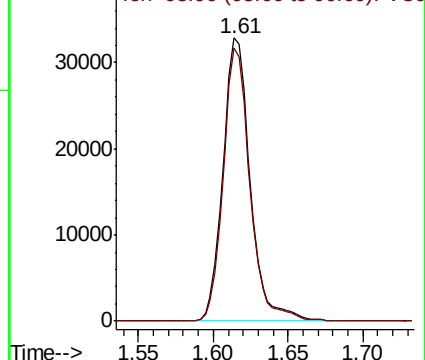
94 100

96 96.5 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 48.876 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU026993.D

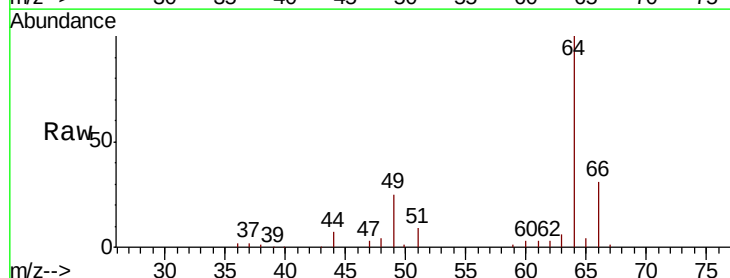
Acq: 22 Sep 2018 03:24

Tgt Ion: 64 Resp: 50988

Ion Ratio Lower Upper

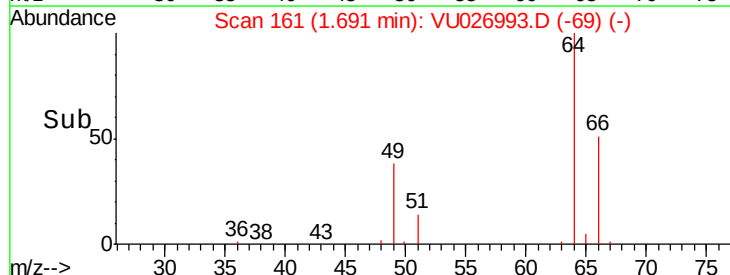
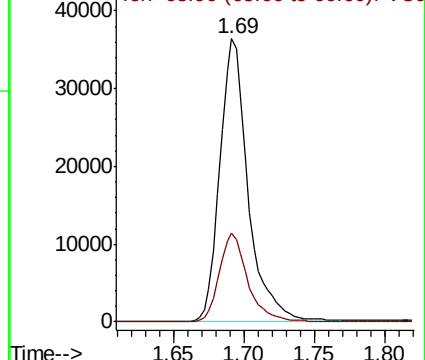
64 100

66 31.4 25.3 37.9

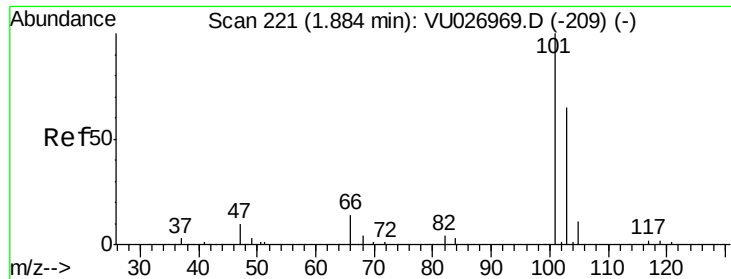


Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





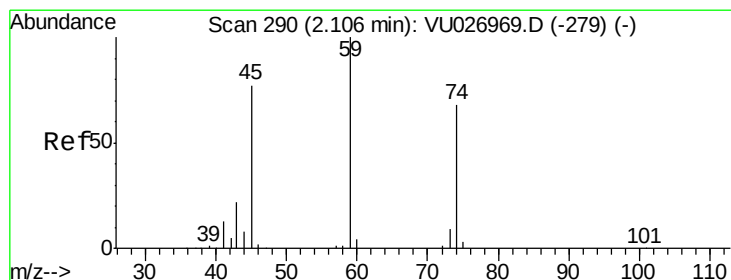
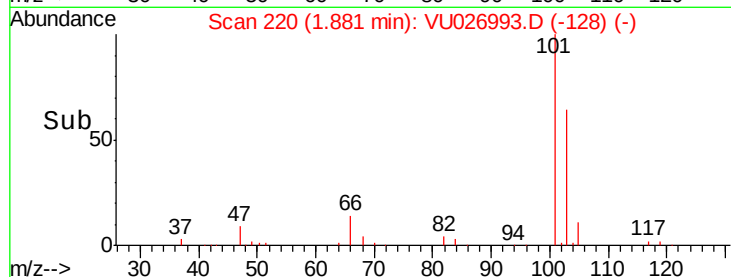
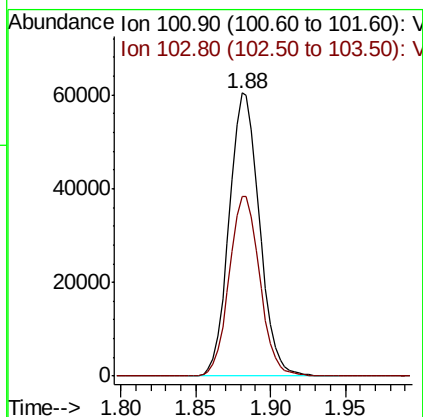
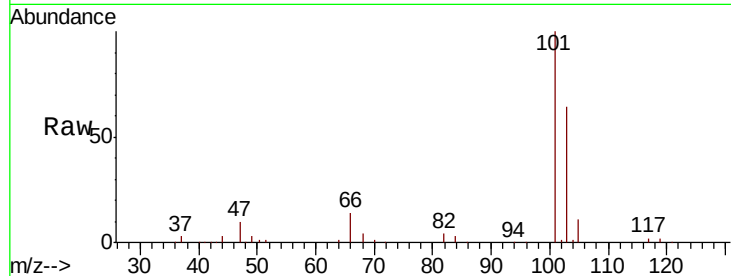


#7

Trichlorofluoromethane  
 Concen: 46.056 ug/l  
 RT: 1.88 min Scan# 220  
 Delta R.T. -0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0922WBL02

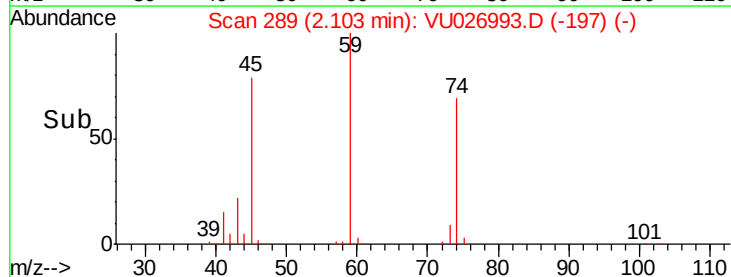
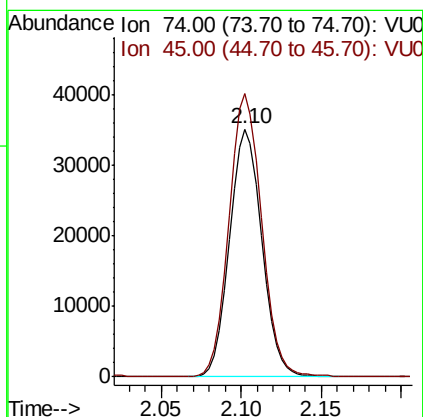
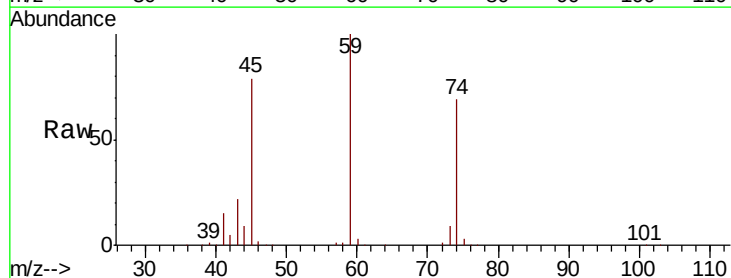
Tgt Ion: 101 Resp: 85404  
 Ion Ratio Lower Upper  
 101 100  
 103 63.7 52.2 78.2



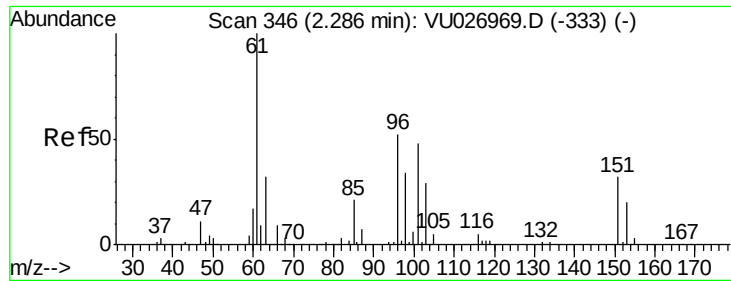
#8

Diethyl Ether  
 Concen: 53.936 ug/l  
 RT: 2.10 min Scan# 289  
 Delta R.T. -0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

Tgt Ion: 74 Resp: 48142  
 Ion Ratio Lower Upper  
 74 100  
 45 116.2 56.9 170.7



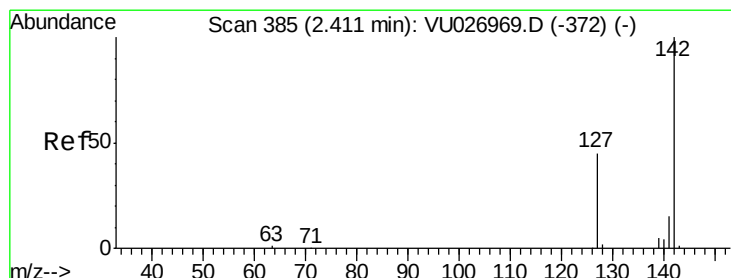
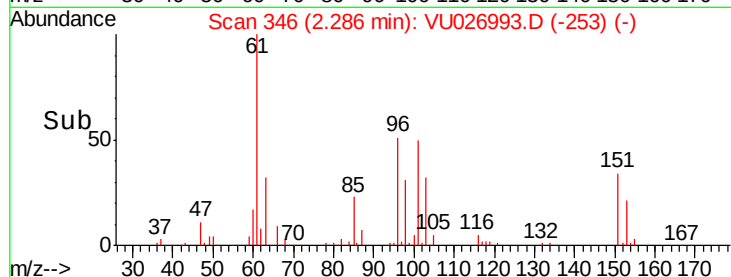
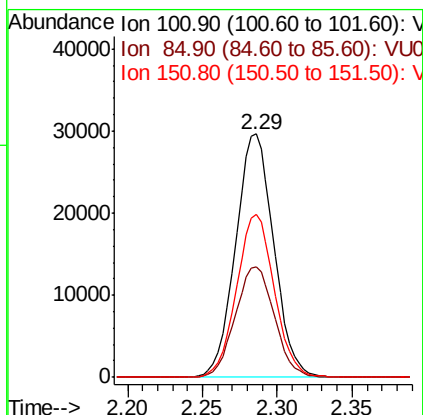
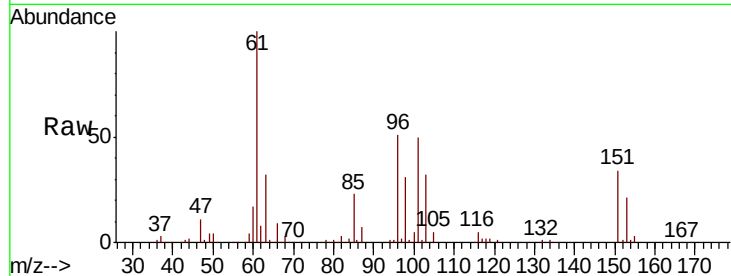




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 46.105 ug/l  
 RT: 2.29 min Scan# 346  
 Delta R.T. 0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

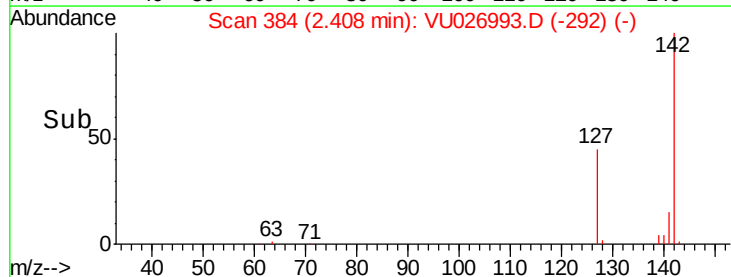
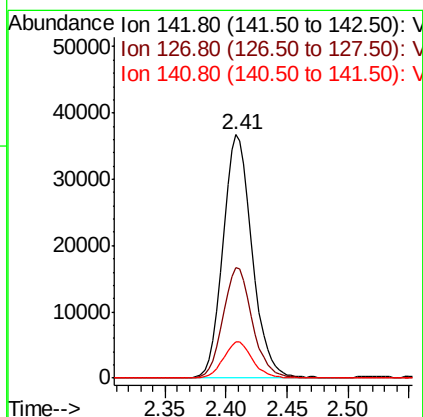
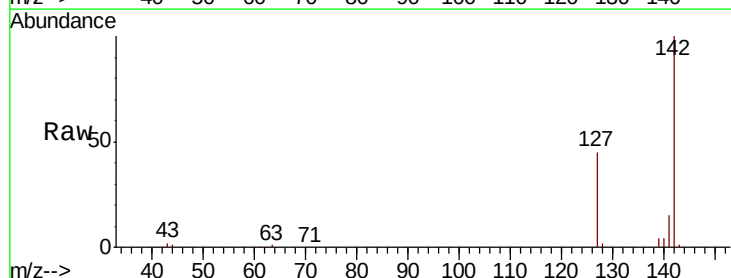
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0922WBL02

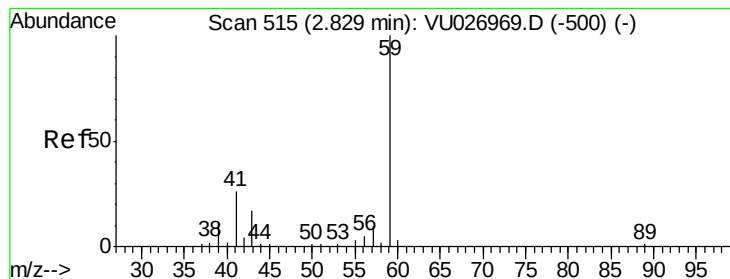
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 46.4  | 36.2  | 54.2  |
| 151     | 66.3  | 54.5  | 81.7  |



#10  
 Methyl Iodide  
 Concen: 43.680 ug/l  
 RT: 2.41 min Scan# 384  
 Delta R.T. -0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 45.3  | 36.7  | 55.1  |
| 141     | 14.6  | 11.8  | 17.6  |





#11

Tert butyl alcohol

Concen: 255.211 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

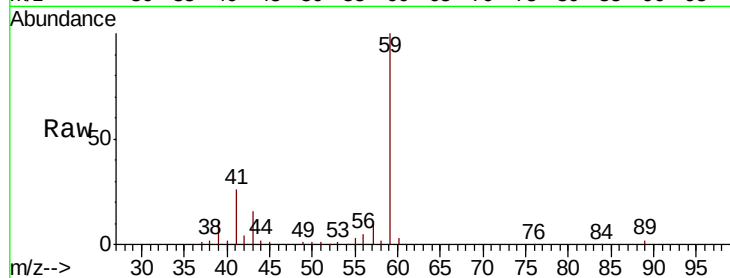
VU0922WBL02

Tgt Ion: 59 Resp: 91481

Ion Ratio Lower Upper

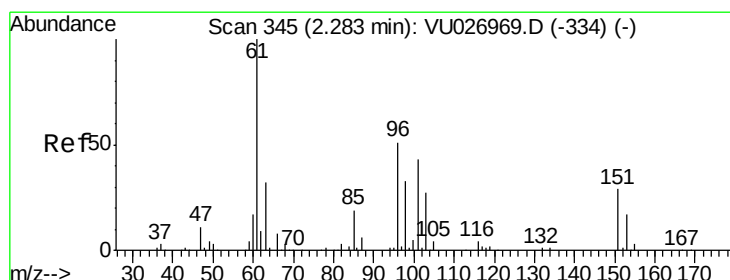
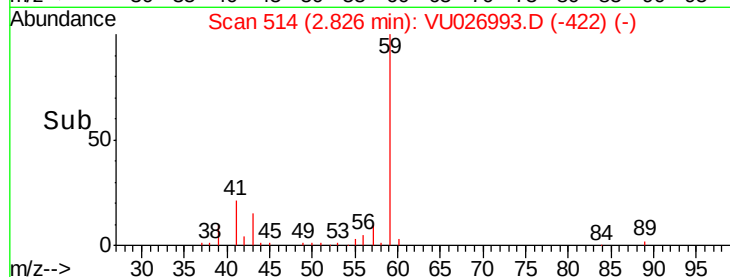
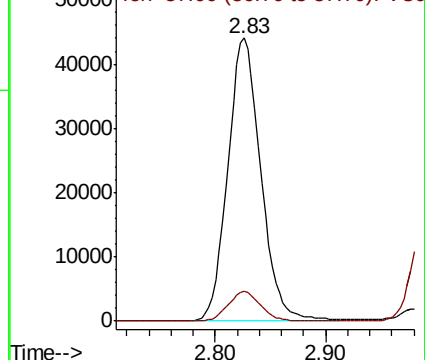
59 100

57 10.2 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#12

1,1-Dichloroethene

Concen: 46.537 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

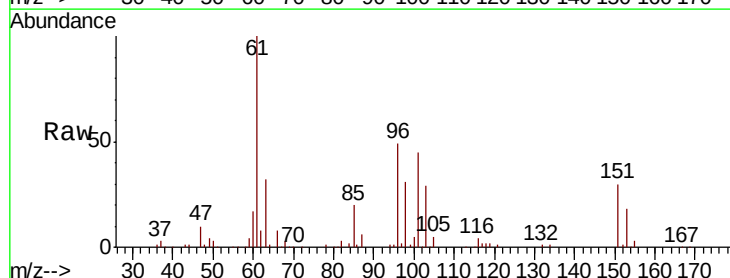
Tgt Ion: 96 Resp: 49943

Ion Ratio Lower Upper

96 100

61 202.4 156.1 234.1

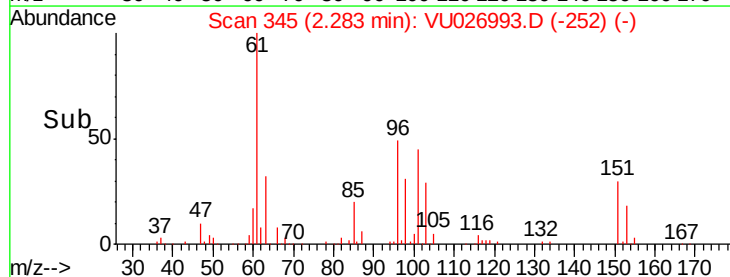
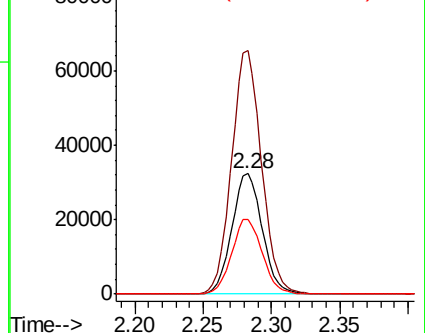
98 62.4 51.4 77.0

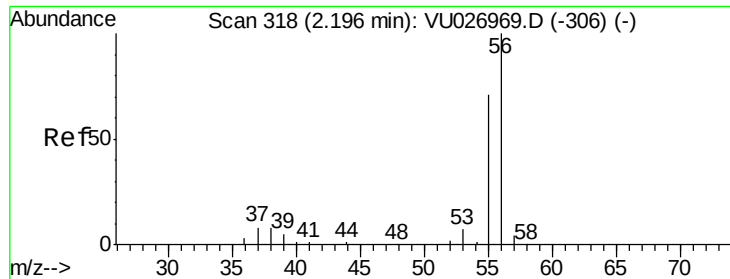


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

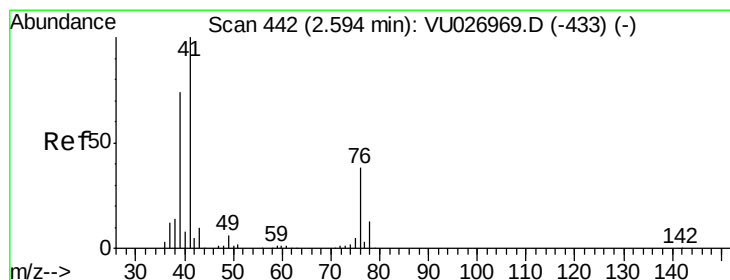
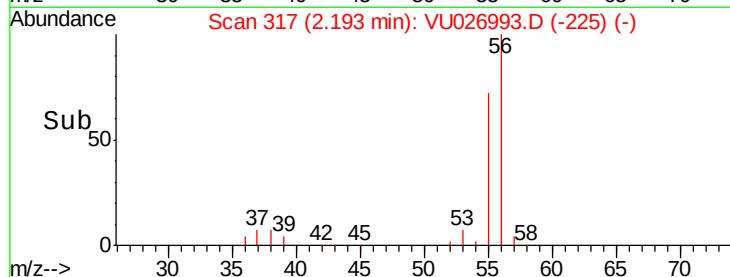
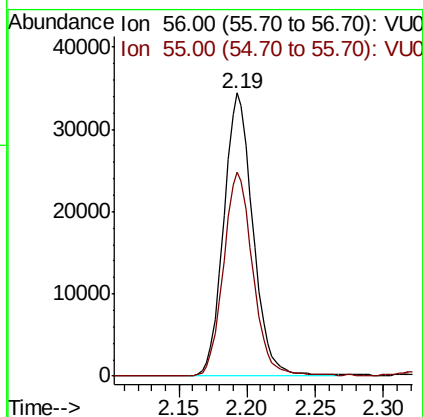
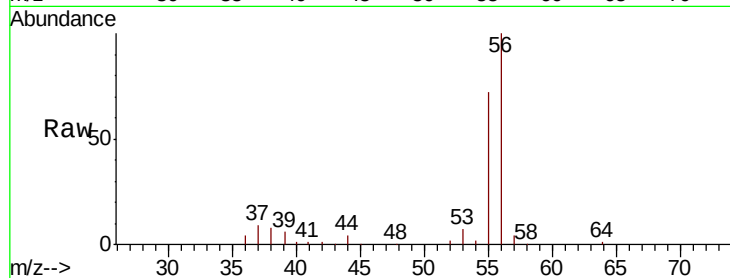




#13  
 Acrolein  
 Concen: 265.859 ug/l  
 RT: 2.19 min Scan# 317  
 Delta R.T. -0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

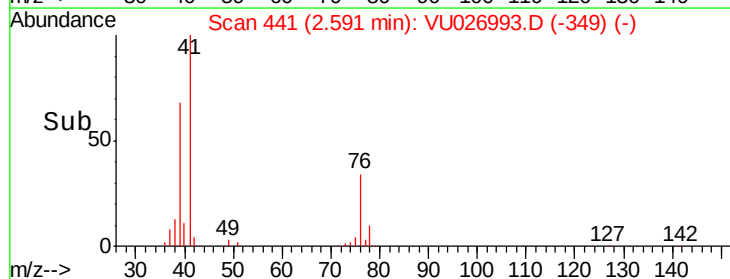
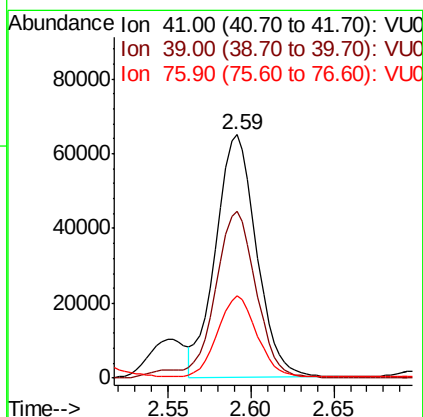
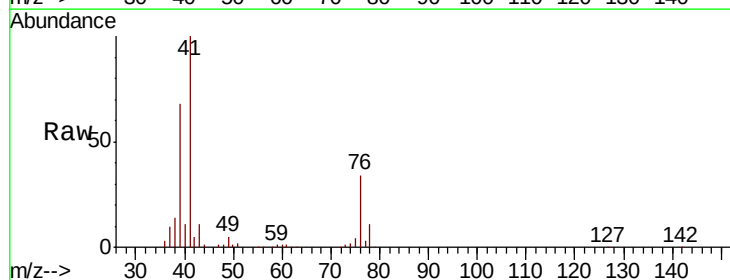
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0922WBL02

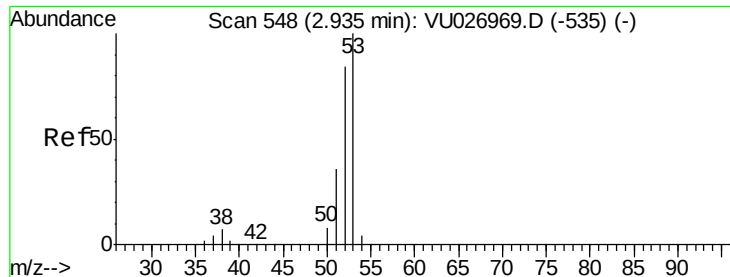
Tgt Ion: 56 Resp: 51372  
 Ion Ratio Lower Upper  
 56 100  
 55 72.2 57.1 85.7



#14  
 Allyl chloride  
 Concen: 51.013 ug/l  
 RT: 2.59 min Scan# 441  
 Delta R.T. -0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

Tgt Ion: 41 Resp: 111038  
 Ion Ratio Lower Upper  
 41 100  
 39 67.7 55.7 83.5  
 76 32.3 26.5 39.7





#15

Acrylonitrile

Concen: 272.005 ug/l

RT: 2.93 min Scan# 547

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

VU0922WBL02

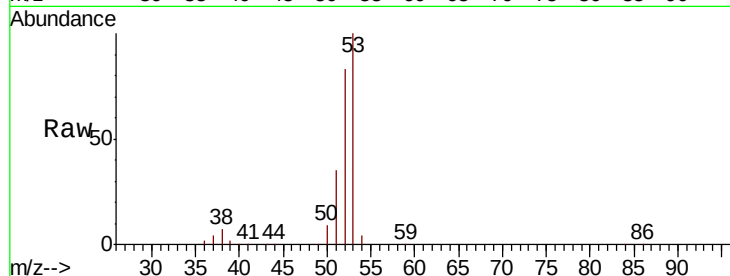
Tgt Ion: 53 Resp: 245740

Ion Ratio Lower Upper

53 100

52 82.2 65.7 98.5

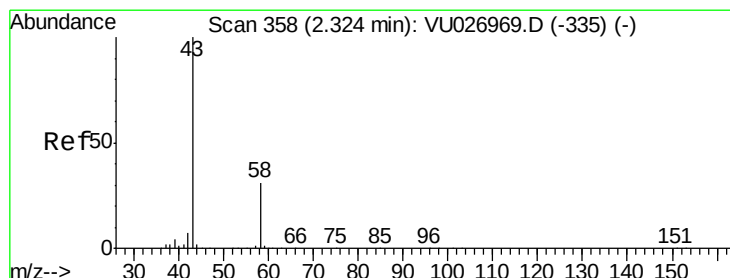
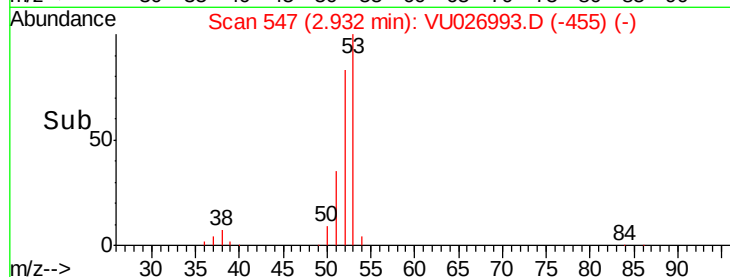
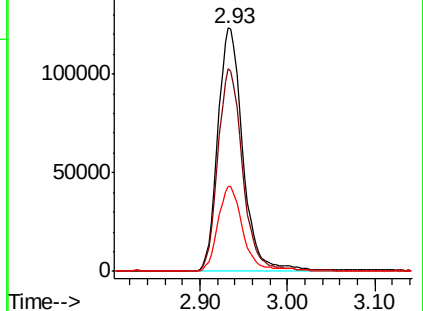
51 35.4 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 263.016 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026993.D

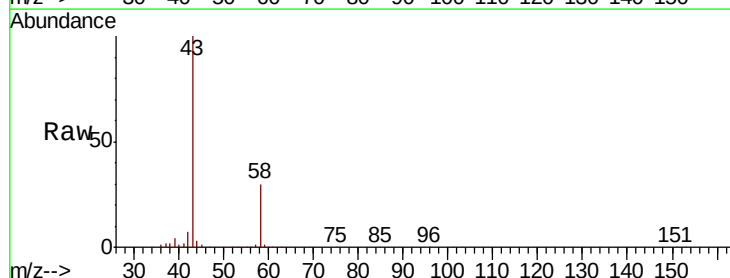
Acq: 22 Sep 2018 03:24

Tgt Ion: 43 Resp: 217775

Ion Ratio Lower Upper

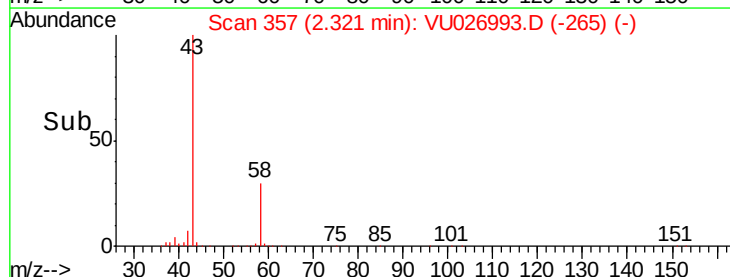
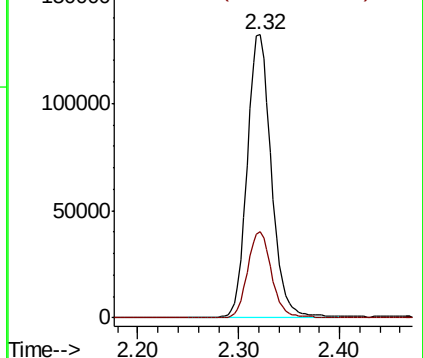
43 100

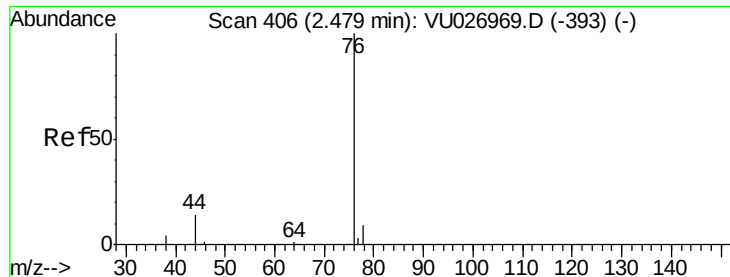
58 30.2 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

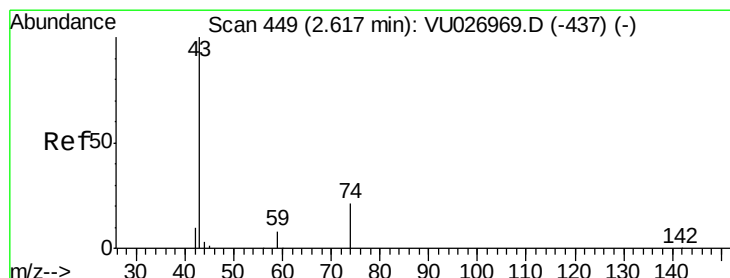
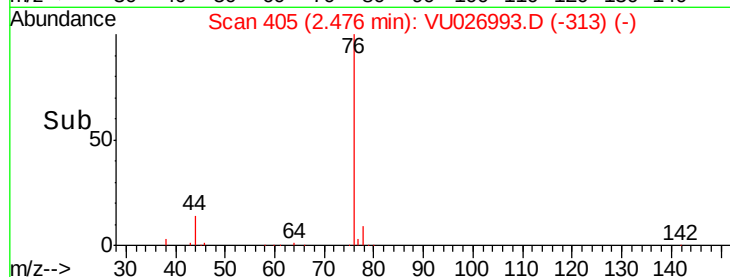
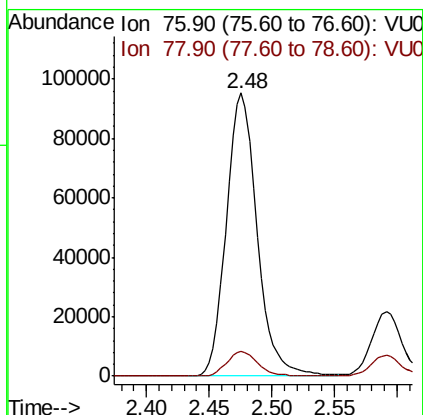
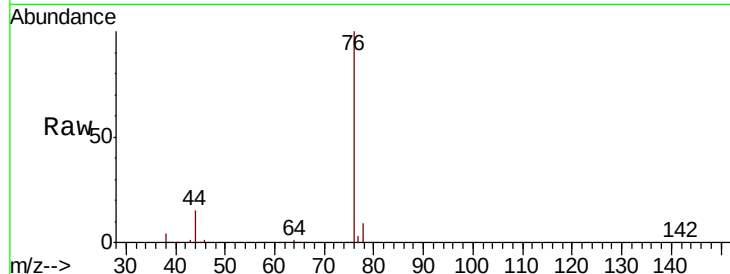




#17  
Carbon Disulfide  
Concen: 46.421 ug/l  
RT: 2.48 min Scan# 405  
Delta R.T. -0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

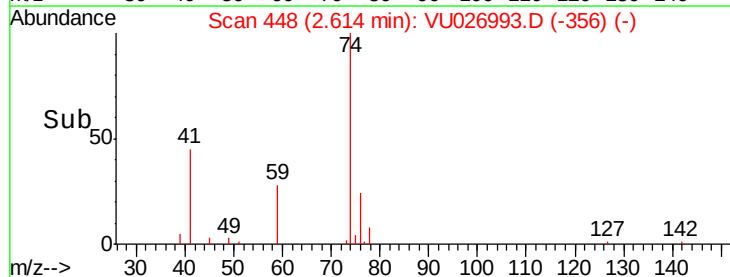
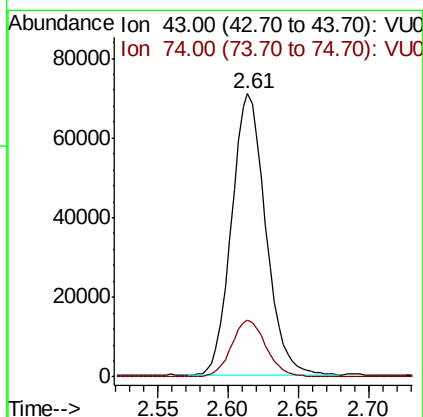
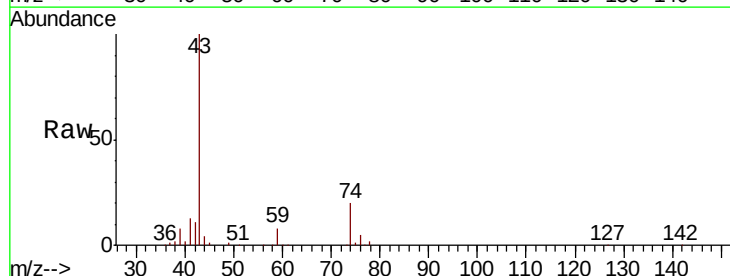
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0922WBL02

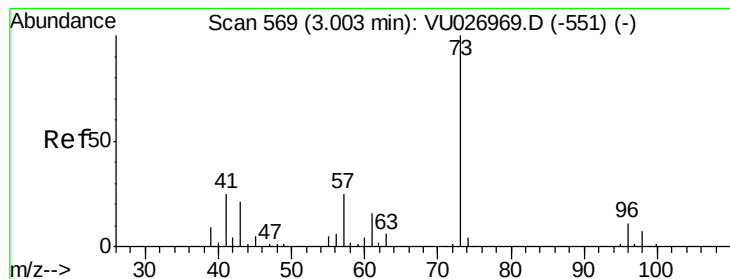
Tgt Ion: 76 Resp: 162290  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.1 10.7



#18  
Methyl Acetate  
Concen: 53.568 ug/l  
RT: 2.61 min Scan# 448  
Delta R.T. -0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

Tgt Ion: 43 Resp: 119237  
Ion Ratio Lower Upper  
43 100  
74 20.8 16.6 25.0





#19

Methyl tert-butyl Ether

Concen: 56.891 ug/l

RT: 3.00 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

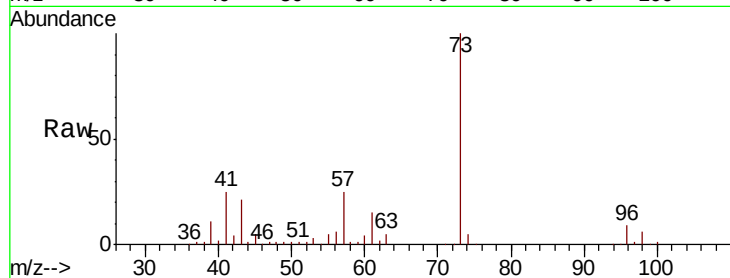
VU0922WBL02

Tgt Ion: 73 Resp: 224359

Ion Ratio Lower Upper

73 100

57 24.5 19.8 29.6



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

120000

100000

80000

60000

40000

20000

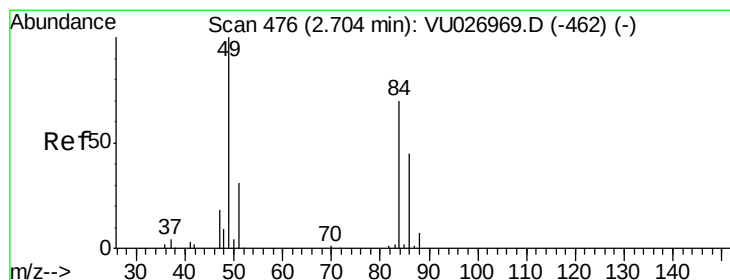
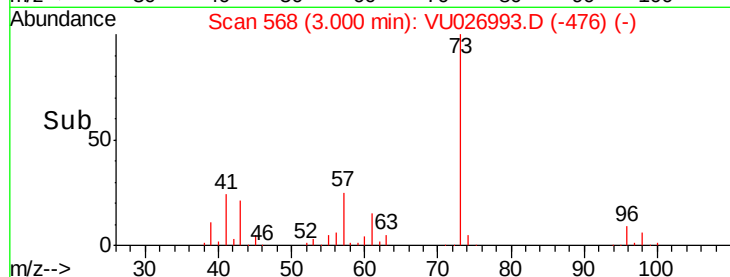
0

3.00

2.90

3.10

Time-->



#20

Methylene Chloride

Concen: 50.169 ug/l

RT: 2.70 min Scan# 475

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Tgt Ion: 84 Resp: 70265

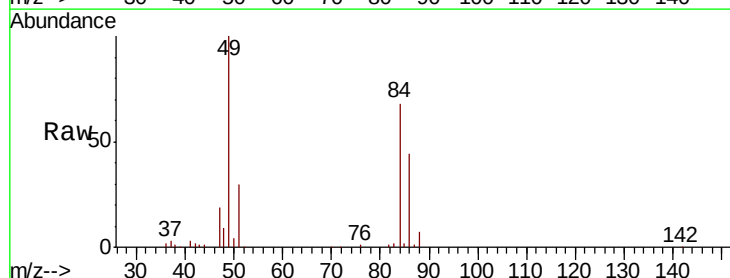
Ion Ratio Lower Upper

84 100

49 147.6 114.9 172.3

51 44.9 35.8 53.8

86 64.6 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0

80000

60000

40000

20000

0

2.70

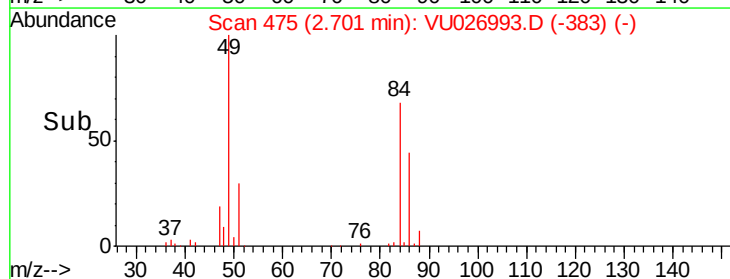
2.60

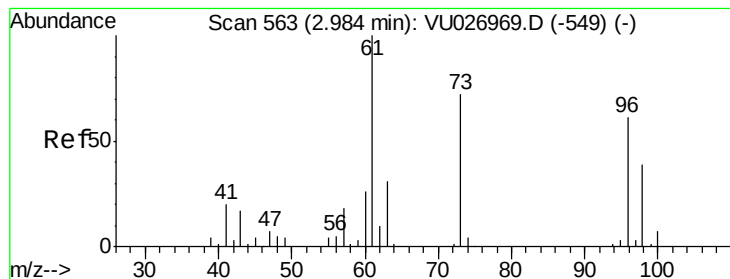
2.65

2.75

2.80

Time-->





#21

trans-1,2-Dichloroethene

Concen: 50.197 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

VU0922WBL02

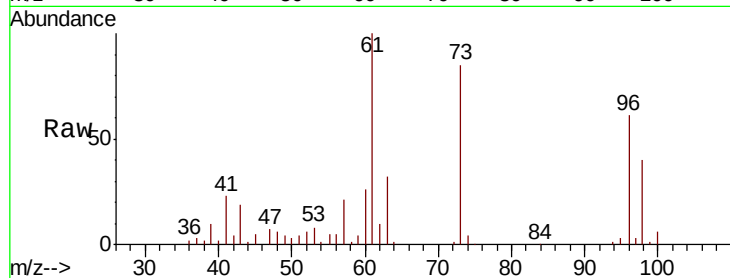
Tgt Ion: 96 Resp: 57516

Ion Ratio Lower Upper

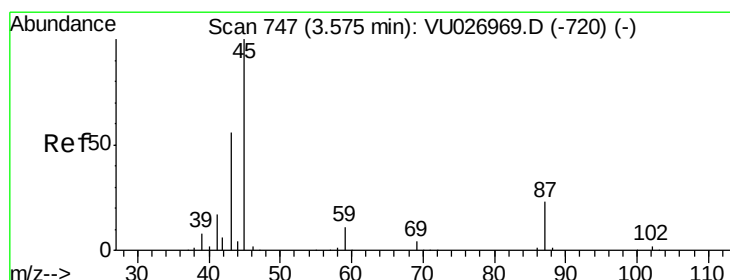
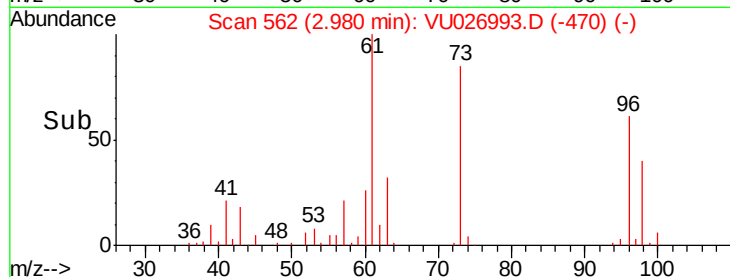
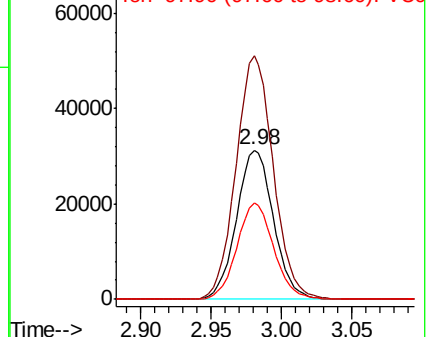
96 100

61 163.2 131.8 197.6

98 64.7 50.9 76.3



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: 57.834 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Tgt Ion: 45 Resp: 269257

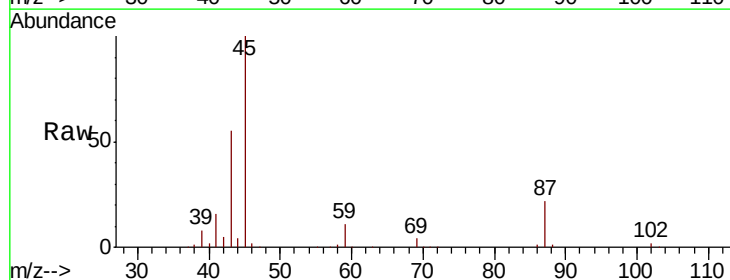
Ion Ratio Lower Upper

45 100

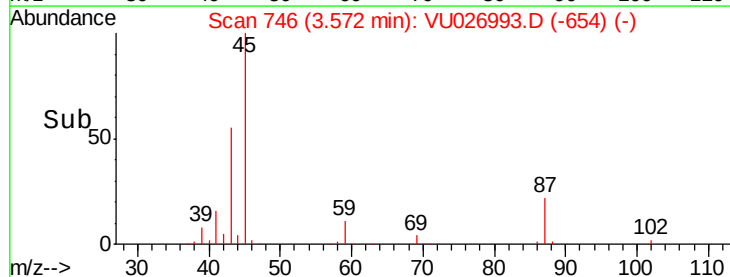
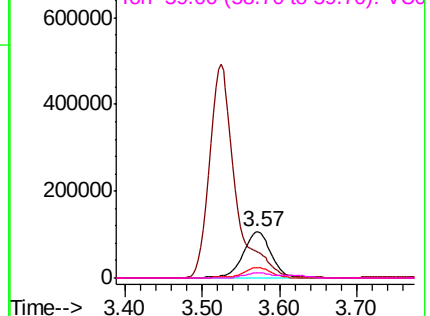
43 53.9 45.8 68.6

87 21.8 18.6 28.0

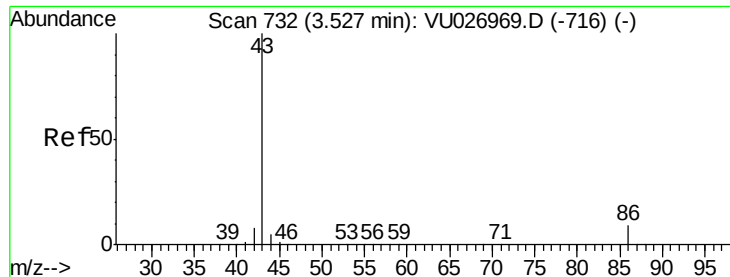
59 10.8 9.0 13.4



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: 291.673 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

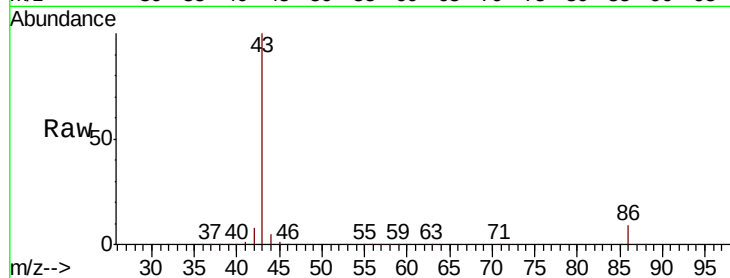
VU0922WBL02

Tgt Ion: 43 Resp: 1157539

Ion Ratio Lower Upper

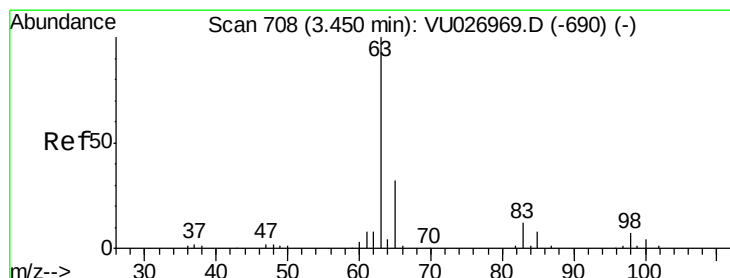
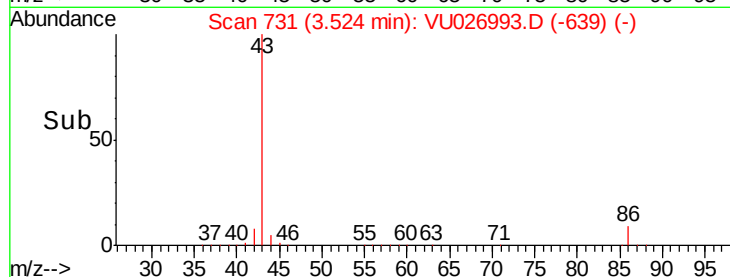
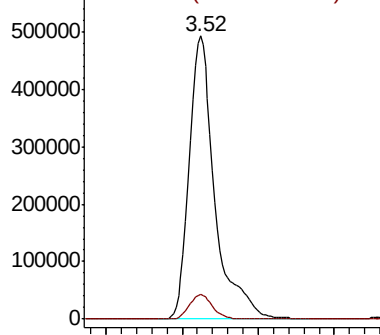
43 100

86 8.7 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 52.818 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

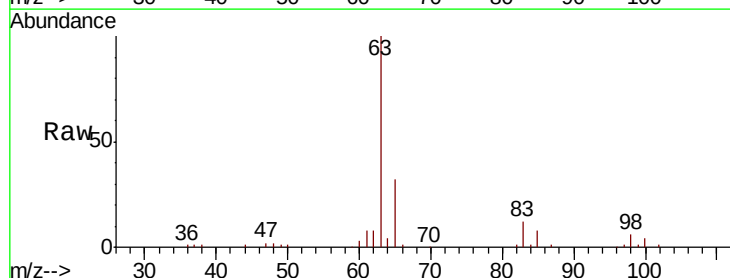
Tgt Ion: 63 Resp: 135435

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

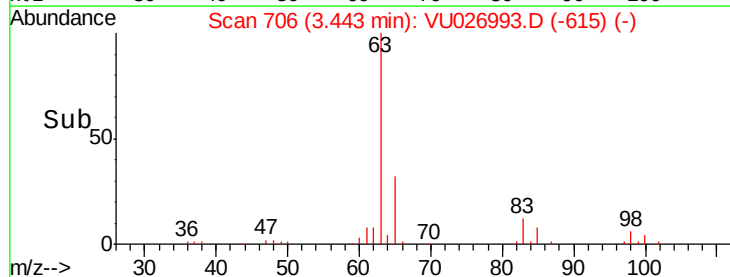
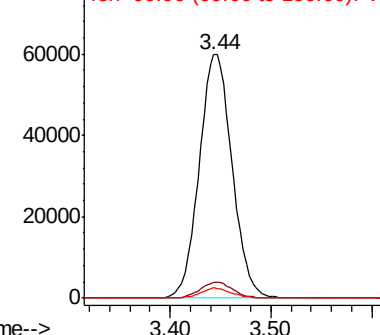
100 4.1 2.0 5.8

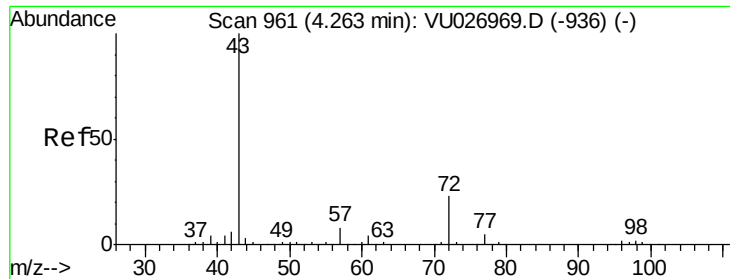


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 261.999 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

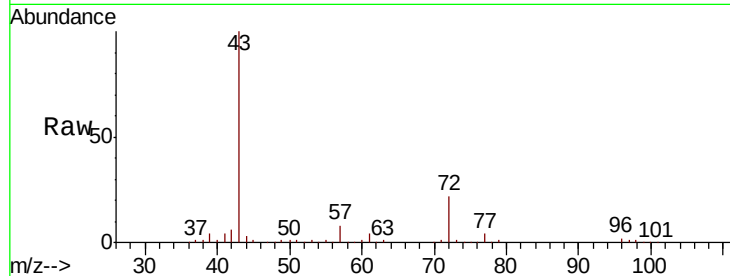
VU0922WBL02

Tgt Ion: 43 Resp: 344337

Ion Ratio Lower Upper

43 100

72 21.9 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

150000

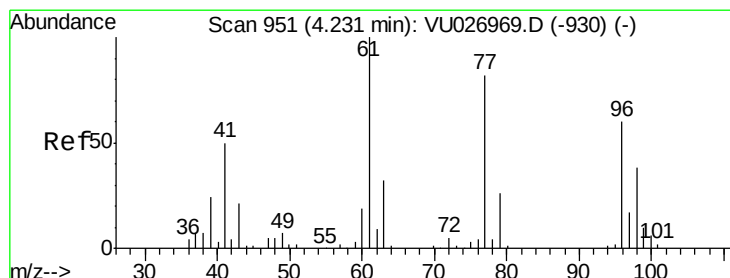
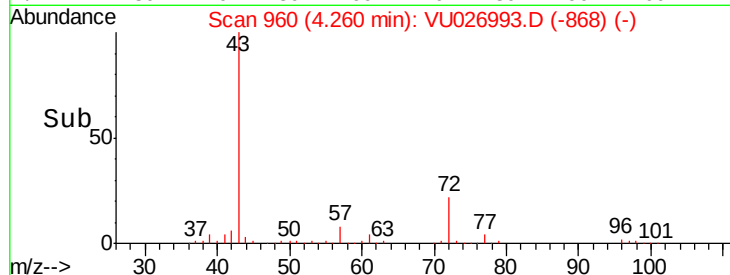
100000

50000

0

Time-->

4.15 4.20 4.25 4.30 4.35



#26

2,2-Dichloropropane

Concen: 40.056 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU026993.D

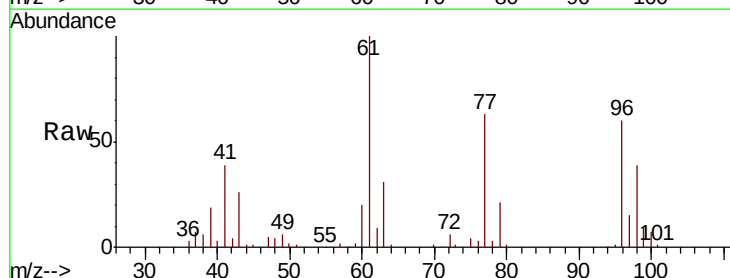
Acq: 22 Sep 2018 03:24

Tgt Ion: 77 Resp: 80102

Ion Ratio Lower Upper

77 100

97 22.3 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.23

30000

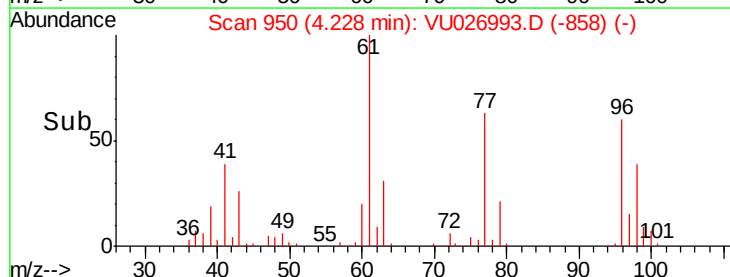
20000

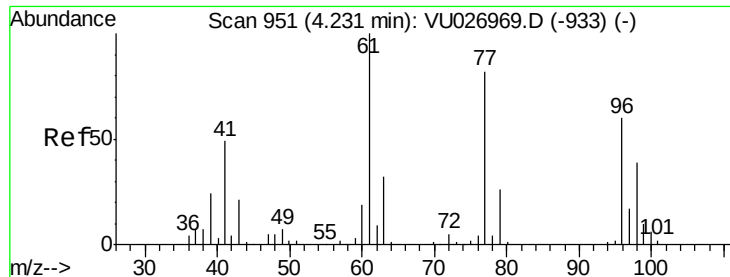
10000

0

Time-->

4.10 4.20 4.30



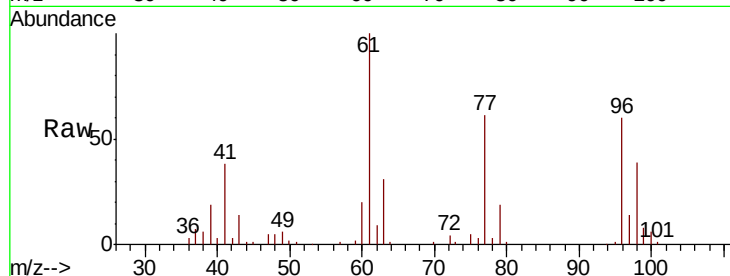


#27

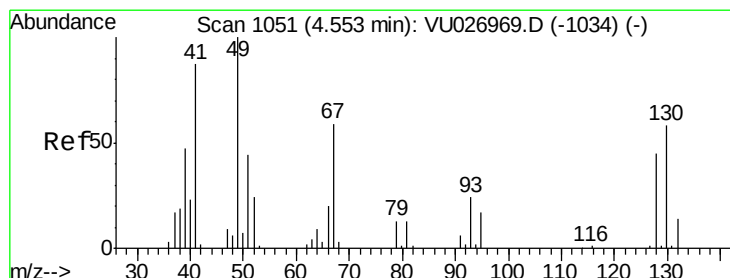
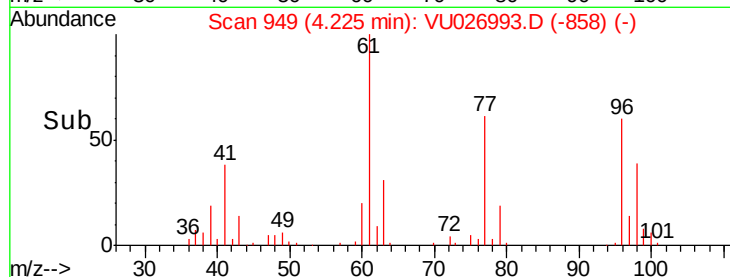
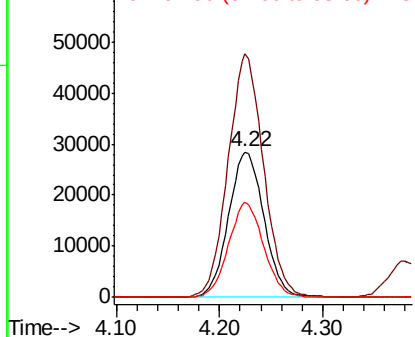
cis-1,2-Dichloroethene  
 Concen: 52.760 ug/l  
 RT: 4.22 min Scan# 949  
 Delta R.T. -0.01 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0922WBL02

Tgt Ion: 96 Resp: 68271  
 Ion Ratio Lower Upper  
 96 100  
 61 167.5 0.0 337.2  
 98 64.6 0.0 127.6



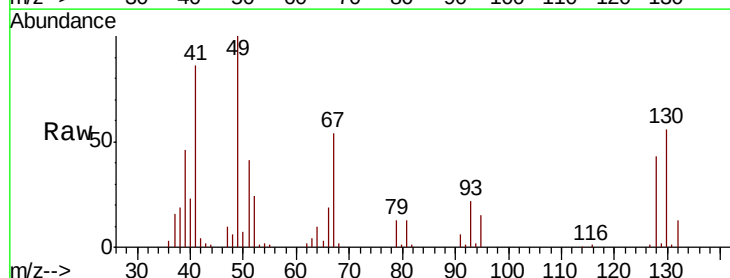
Abundance Ion 95.90 (95.60 to 96.60): VU0  
 Ion 60.90 (60.60 to 61.60): VU0  
 Ion 97.90 (97.60 to 98.60): VU0



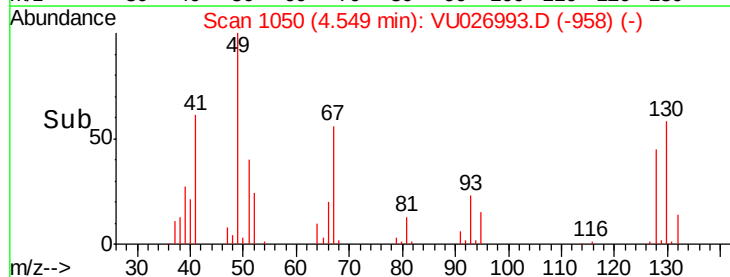
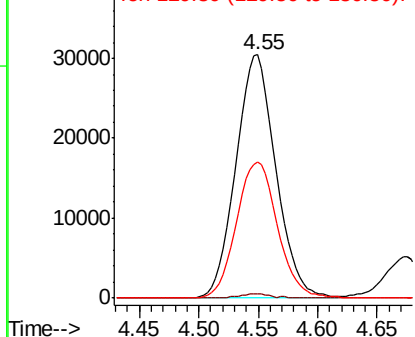
#28

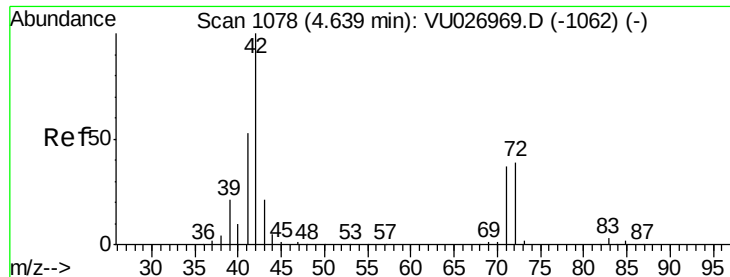
Bromochloromethane  
 Concen: 57.421 ug/l  
 RT: 4.55 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

Tgt Ion: 49 Resp: 70975  
 Ion Ratio Lower Upper  
 49 100  
 129 1.3 0.0 3.0  
 130 57.3 47.8 71.8



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: 281.430 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

VU0922WBL02

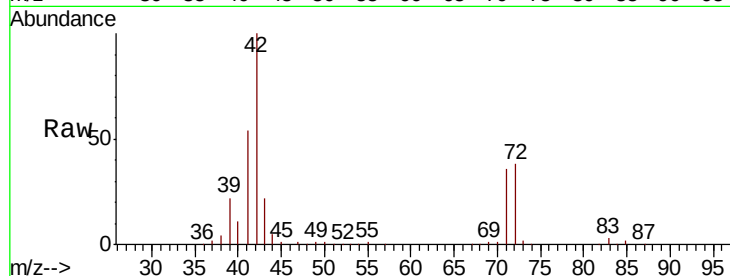
Tgt Ion: 42 Resp: 223749

Ion Ratio Lower Upper

42 100

72 39.2 31.7 47.5

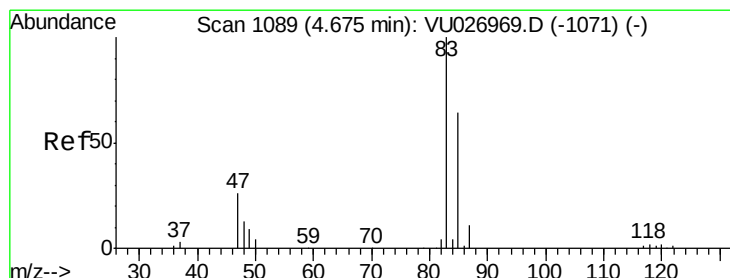
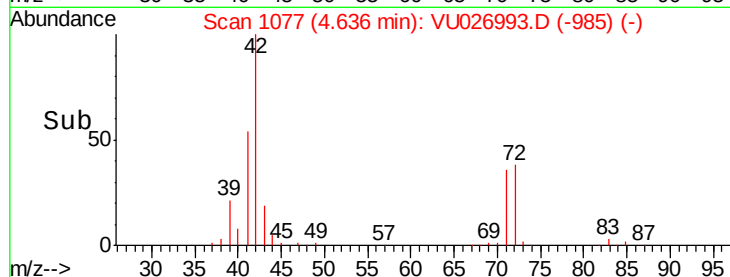
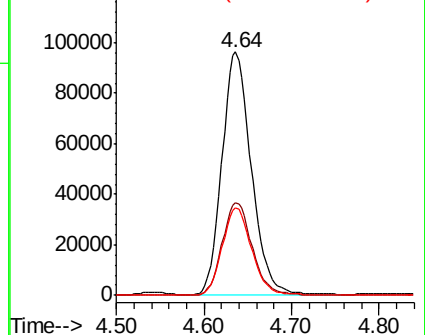
71 36.2 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 51.859 ug/l

RT: 4.67 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VU026993.D

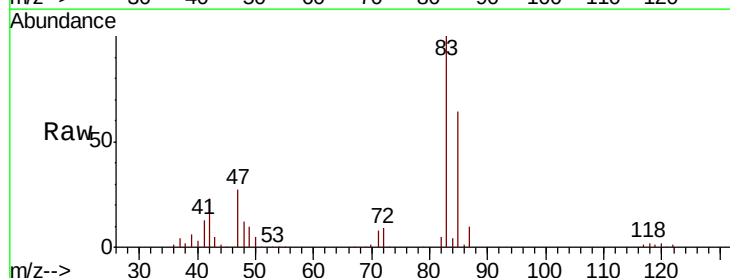
Acq: 22 Sep 2018 03:24

Tgt Ion: 83 Resp: 123433

Ion Ratio Lower Upper

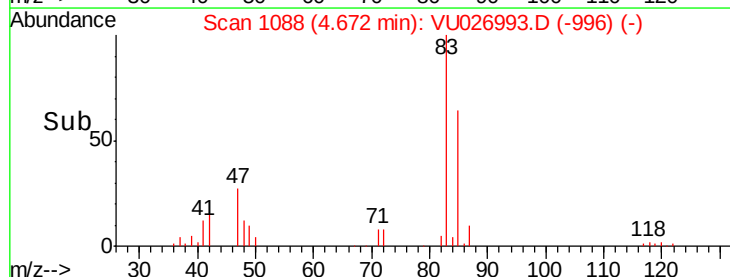
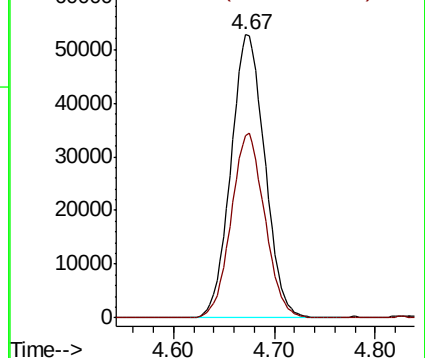
83 100

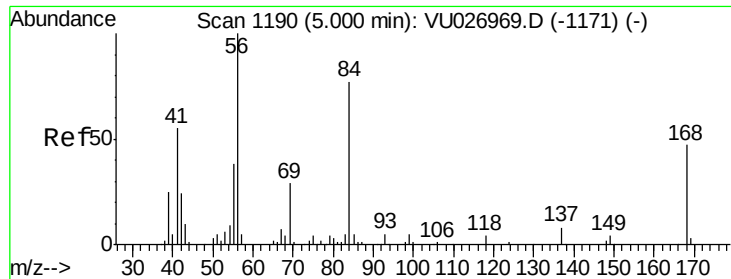
85 64.3 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

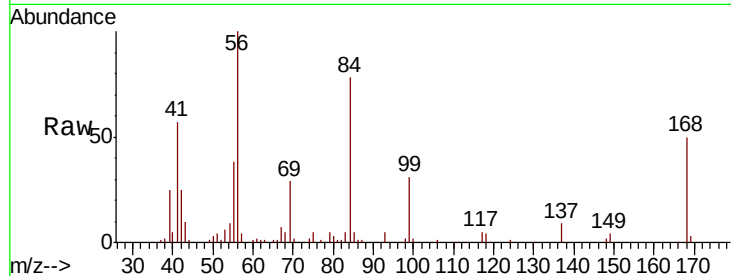




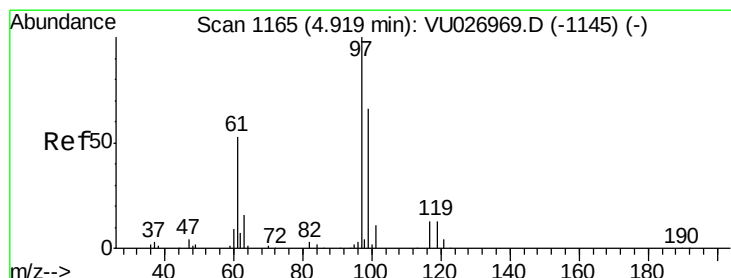
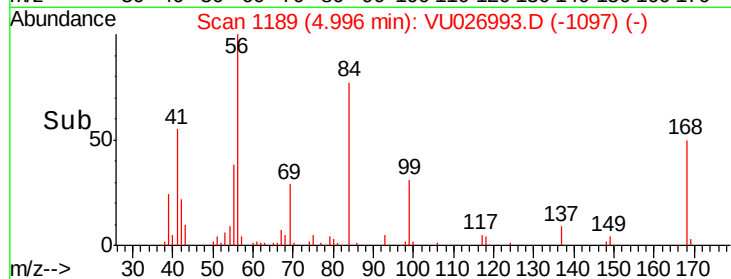
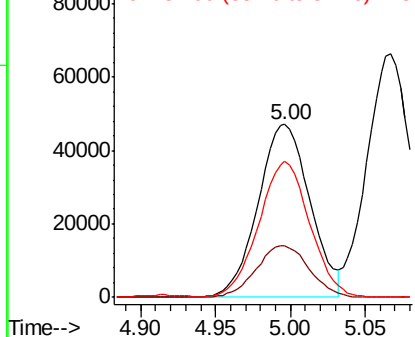
#31  
Cyclohexane  
Concen: 48.794 ug/l  
RT: 5.00 min Scan# 1189  
Delta R.T. -0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0922WBL02

Tgt Ion: 56 Resp: 113765  
Ion Ratio Lower Upper  
56 100  
69 29.5 23.0 34.4  
84 77.7 61.4 92.2

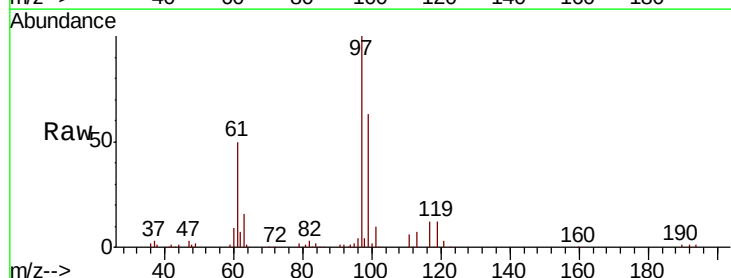


Abundance Ion 56.00 (55.70 to 56.70): VU0  
Ion 69.00 (68.70 to 69.70): VU0  
Ion 84.00 (83.70 to 84.70): VU0

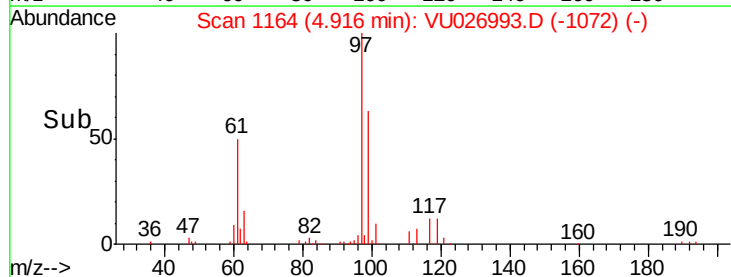
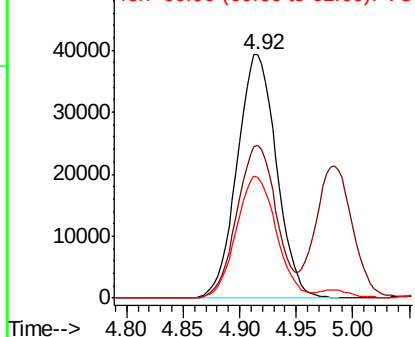


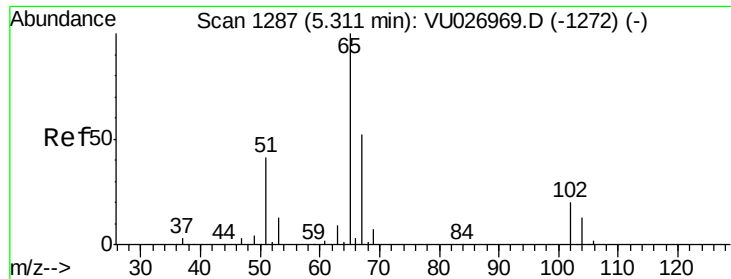
#32  
1,1,1-Trichloroethane  
Concen: 50.144 ug/l  
RT: 4.92 min Scan# 1164  
Delta R.T. -0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

Tgt Ion: 97 Resp: 95292  
Ion Ratio Lower Upper  
97 100  
99 63.1 51.8 77.6  
61 50.9 41.1 61.7



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

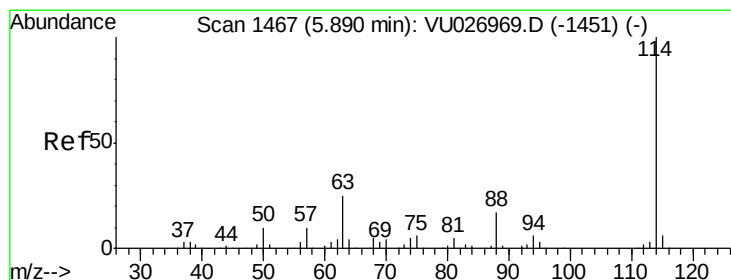
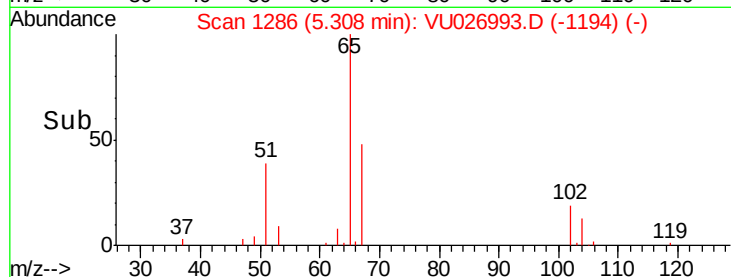
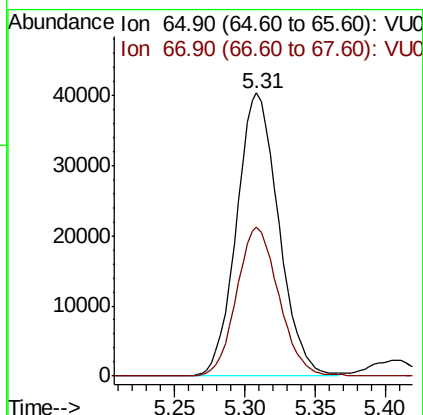
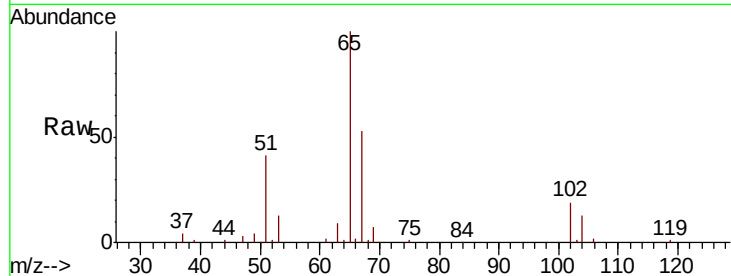




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.822 ug/l  
 RT: 5.31 min Scan# 1286  
 Delta R.T. -0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

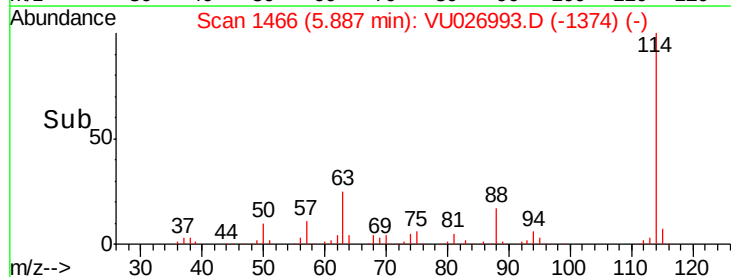
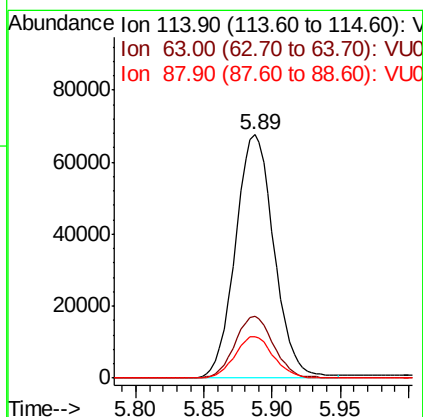
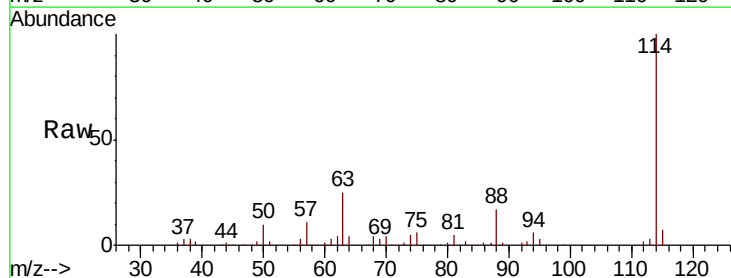
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0922WBL02

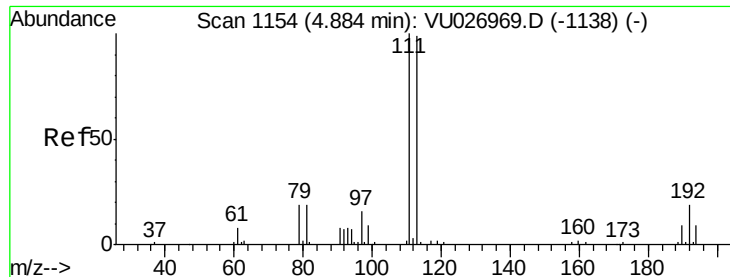
Tgt Ion: 65 Resp: 84172  
 Ion Ratio Lower Upper  
 65 100  
 67 53.1 0.0 105.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.89 min Scan# 1466  
 Delta R.T. -0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

Tgt Ion: 114 Resp: 133072  
 Ion Ratio Lower Upper  
 114 100  
 63 25.2 0.0 49.2  
 88 17.2 0.0 33.8

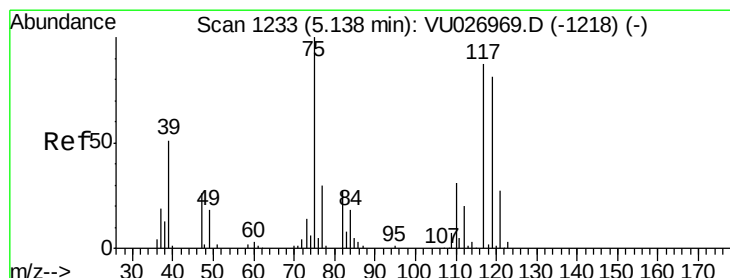
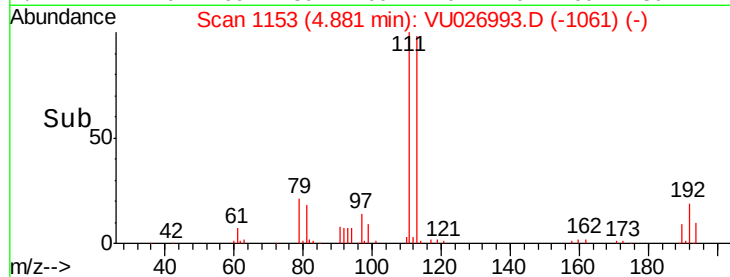
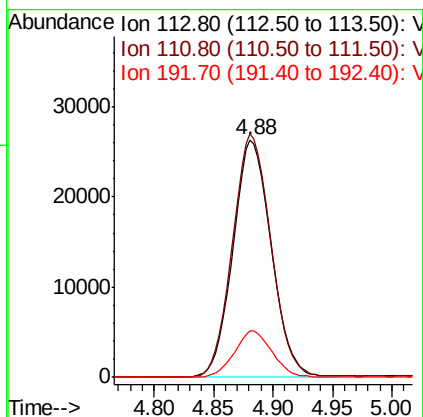
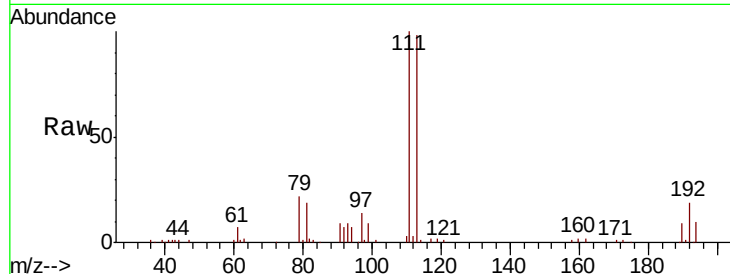




#35  
 Dibromofluoromethane  
 Concen: 50.941 ug/l  
 RT: 4.88 min Scan# 1153  
 Delta R.T. -0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

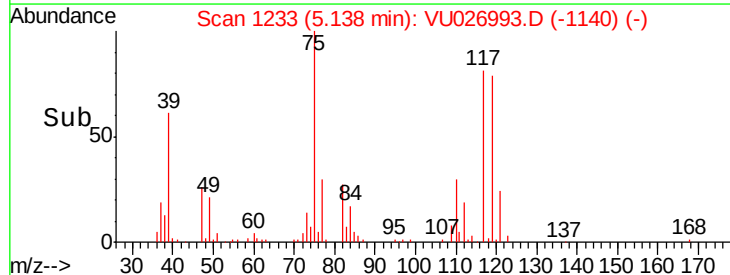
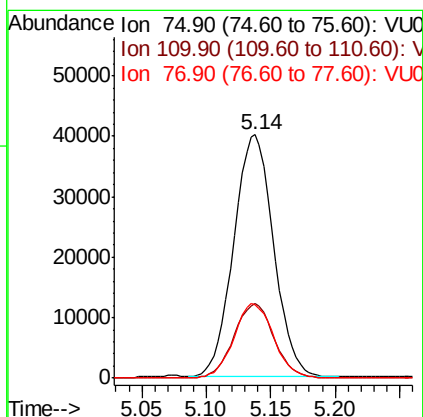
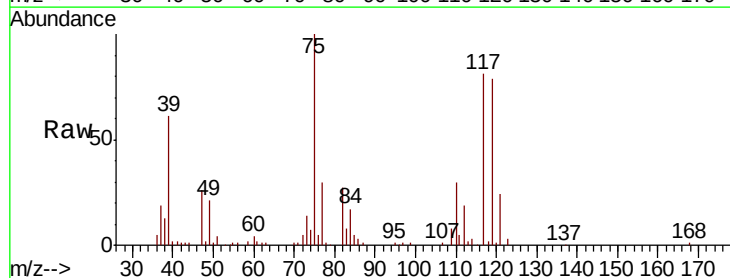
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0922WBL02

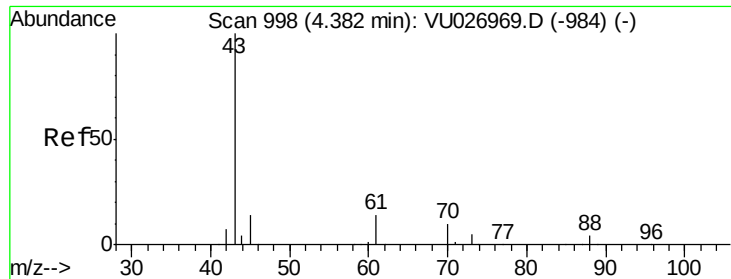
Tgt Ion:113 Resp: 58759  
 Ion Ratio Lower Upper  
 113 100  
 111 103.0 82.2 123.4  
 192 19.0 15.2 22.8



#36  
 1,1-Dichloropropene  
 Concen: 48.660 ug/l  
 RT: 5.14 min Scan# 1233  
 Delta R.T. 0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

Tgt Ion: 75 Resp: 86420  
 Ion Ratio Lower Upper  
 75 100  
 110 30.8 16.1 48.2  
 77 30.8 24.6 36.8





#37

Ethyl Acetate

Concen: 52.142 ug/l

RT: 4.38 min Scan# 997

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

VU0922WBL02

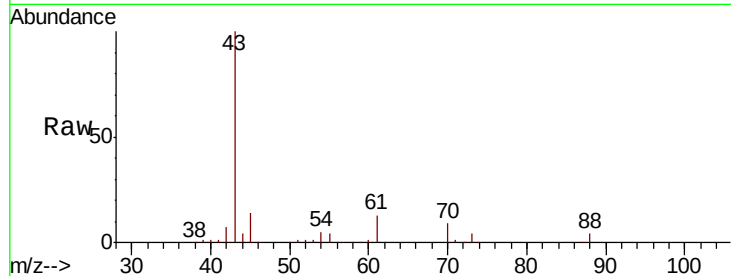
Tgt Ion: 43 Resp: 125363

Ion Ratio Lower Upper

43 100

61 13.2 10.5 15.7

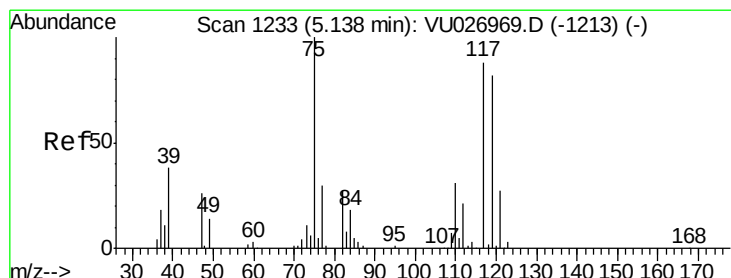
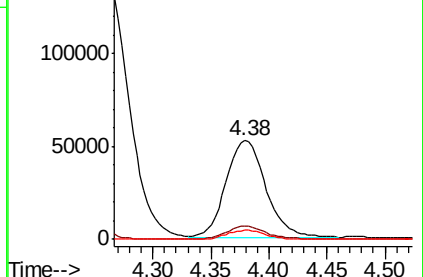
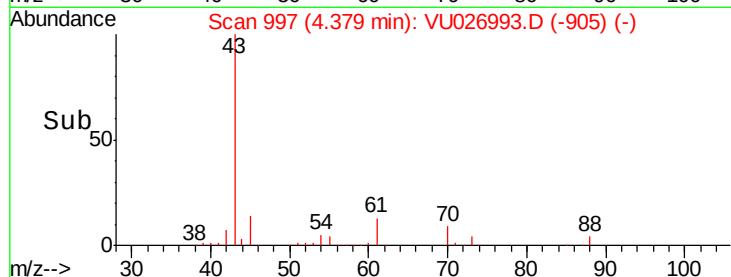
70 9.1 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 70.00 (69.70 to 70.70): VU0



#38

Carbon Tetrachloride

Concen: 46.599 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

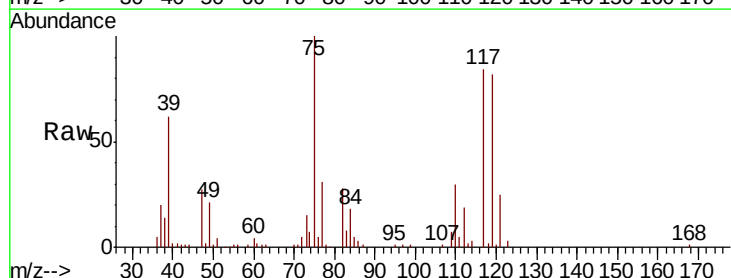
Tgt Ion: 117 Resp: 78756

Ion Ratio Lower Upper

117 100

119 97.6 74.4 111.6

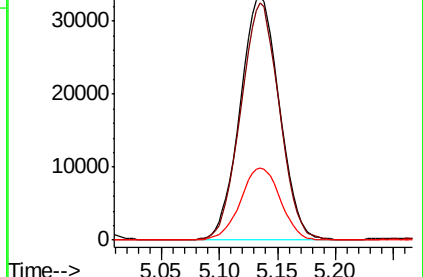
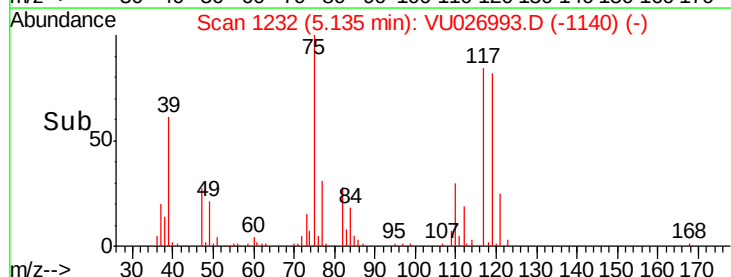
121 29.6 24.2 36.4



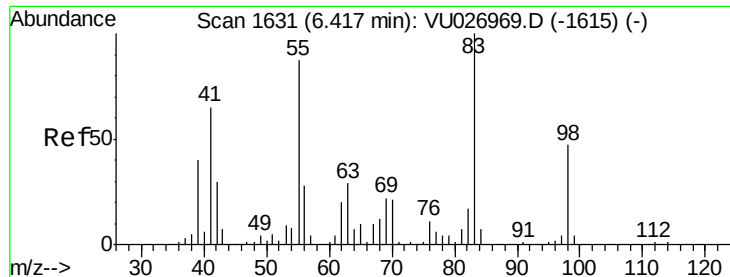
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



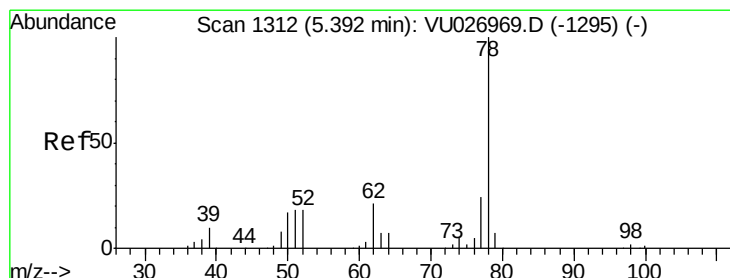
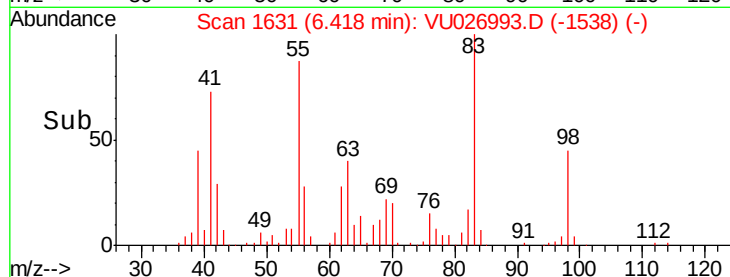
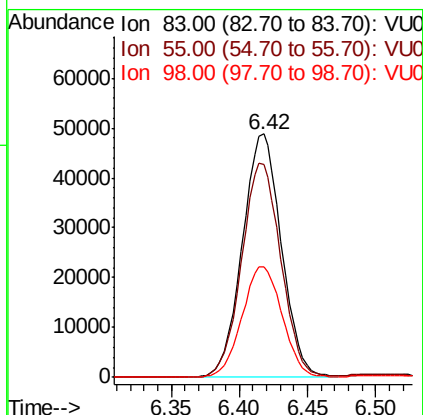
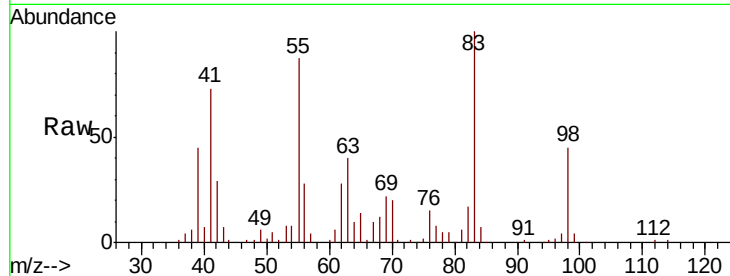




#39  
Methylcyclohexane  
Concen: 50.247 ug/l  
RT: 6.42 min Scan# 1631  
Delta R.T. 0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

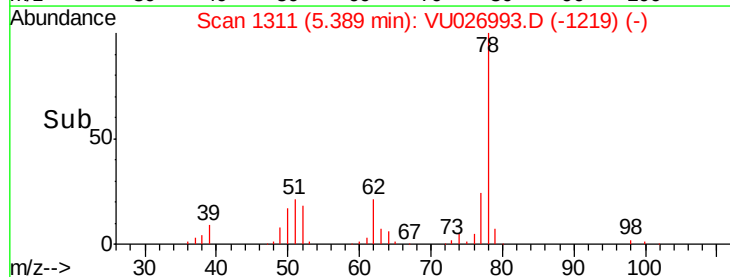
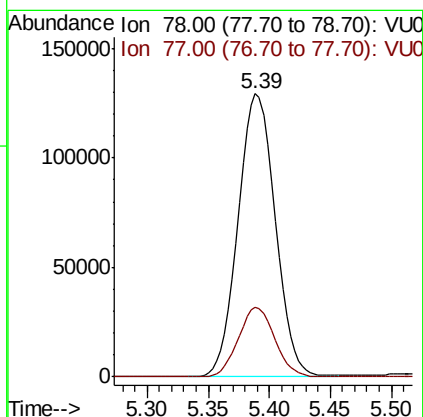
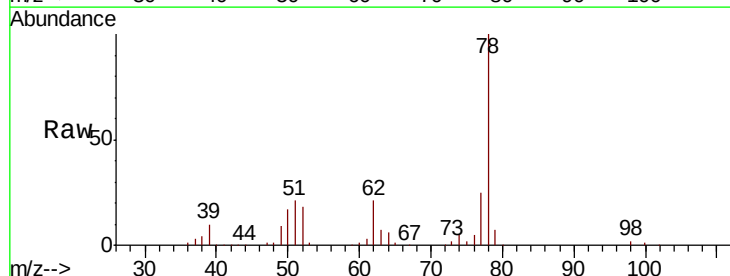
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0922WBL02

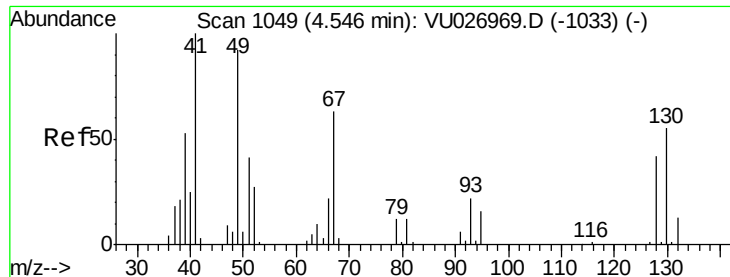
Tgt Ion: 83 Resp: 96978  
Ion Ratio Lower Upper  
83 100  
55 87.4 69.9 104.9  
98 45.3 37.5 56.3



#40  
Benzene  
Concen: 50.648 ug/l  
RT: 5.39 min Scan# 1311  
Delta R.T. -0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

Tgt Ion: 78 Resp: 273448  
Ion Ratio Lower Upper  
78 100  
77 24.6 19.4 29.0

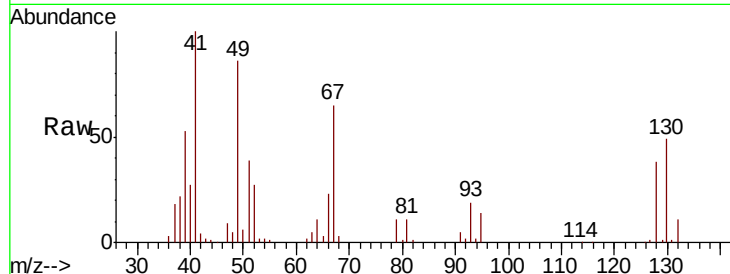




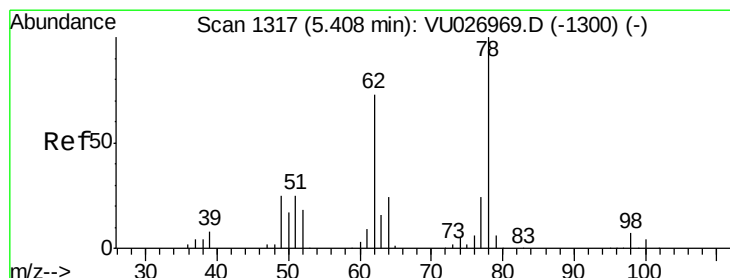
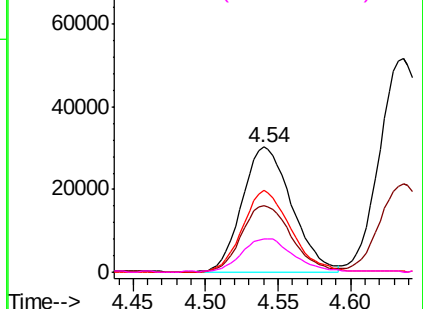
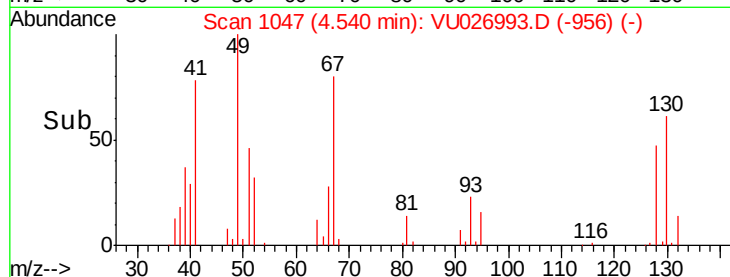
#41  
Methacrylonitrile  
Concen: 57.436 ug/l  
RT: 4.54 min Scan# 1047  
Delta R.T. -0.01 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0922WBL02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 71716 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.2  | 42.9  | 64.3  |
| 67       | 64.6  | 52.4  | 78.6  |
| 52       | 27.2  | 21.3  | 31.9  |

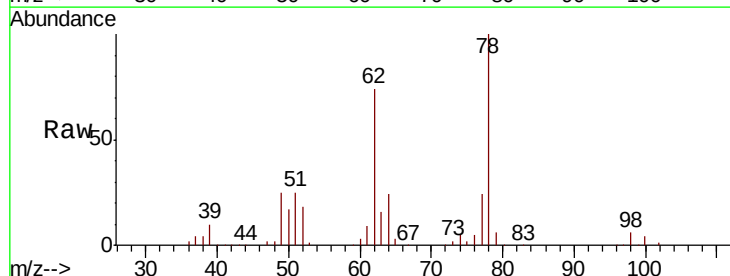


Abundance Ion 41.00 (40.70 to 41.70): VU0  
Ion 39.00 (38.70 to 39.70): VU0  
Ion 67.00 (66.70 to 67.70): VU0  
Ion 52.00 (51.70 to 52.70): VU0

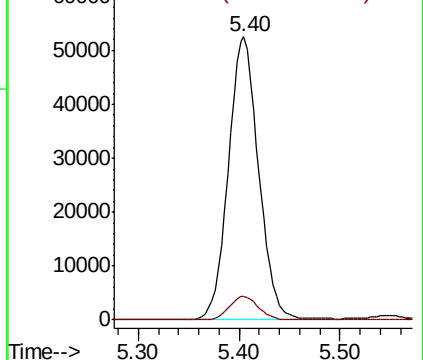
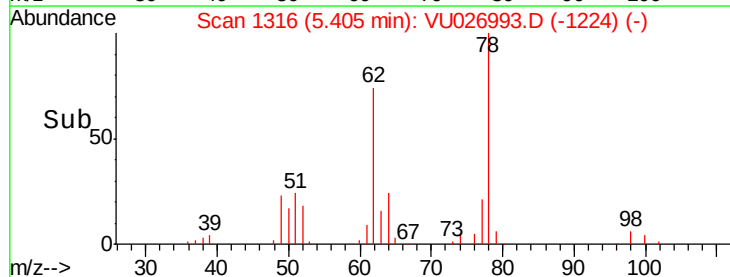


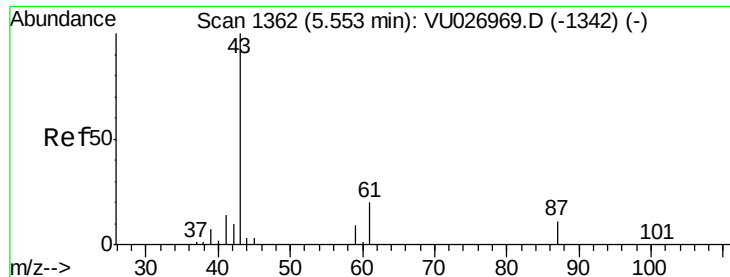
#42  
1,2-Dichloroethane  
Concen: 53.747 ug/l  
RT: 5.40 min Scan# 1316  
Delta R.T. -0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 109635 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.0   | 0.0   | 17.0   |



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

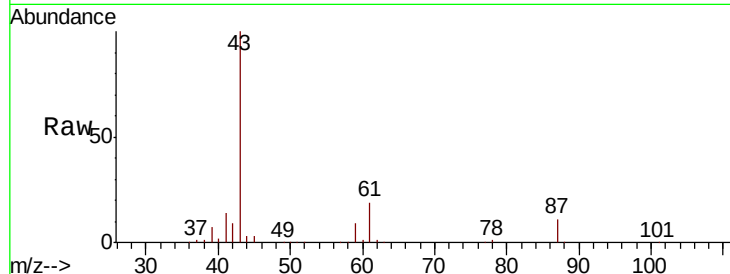




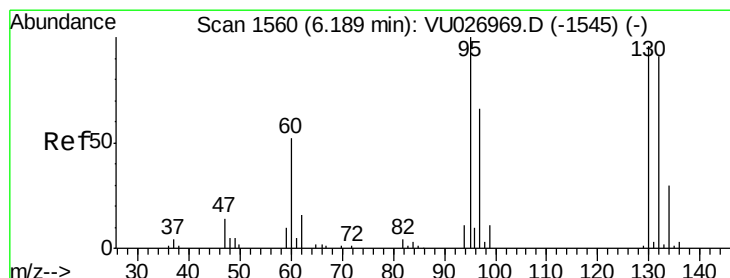
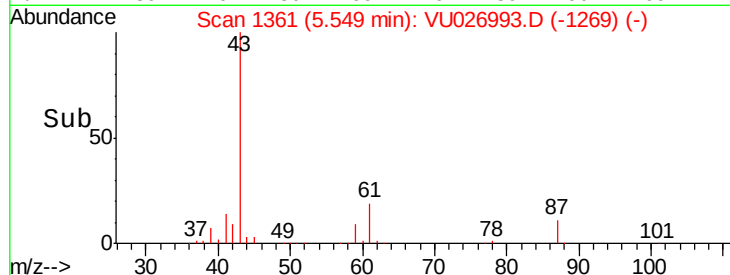
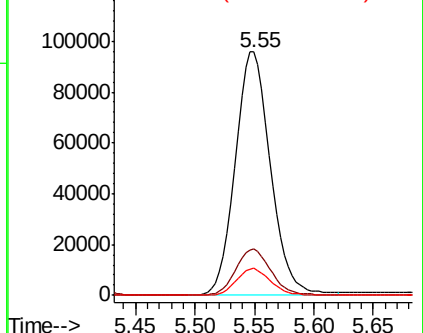
#43  
Isopropyl Acetate  
Concen: 55.992 ug/l  
RT: 5.55 min Scan# 1361  
Delta R.T. -0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0922WBL02

Tgt Ion: 43 Resp: 196323  
Ion Ratio Lower Upper  
43 100  
61 18.9 15.7 23.5  
87 10.7 9.0 13.4

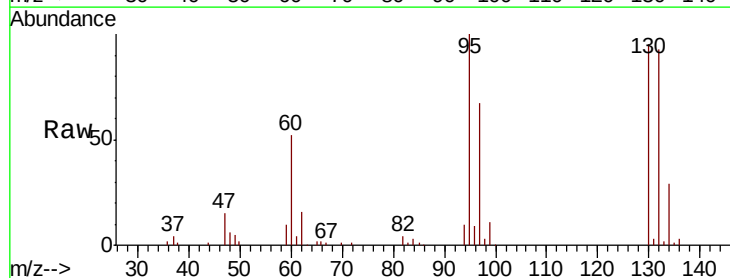


Abundance Ion 43.00 (42.70 to 43.70): VU0  
Ion 61.00 (60.70 to 61.70): VU0  
Ion 87.00 (86.70 to 87.70): VU0

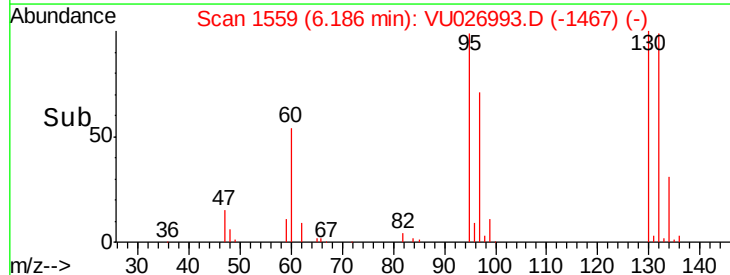
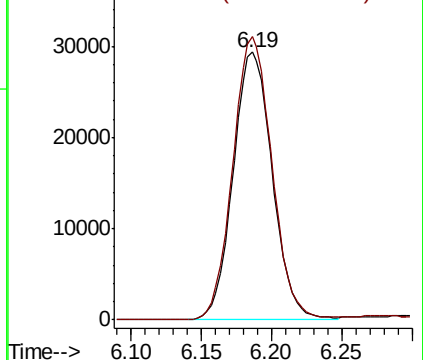


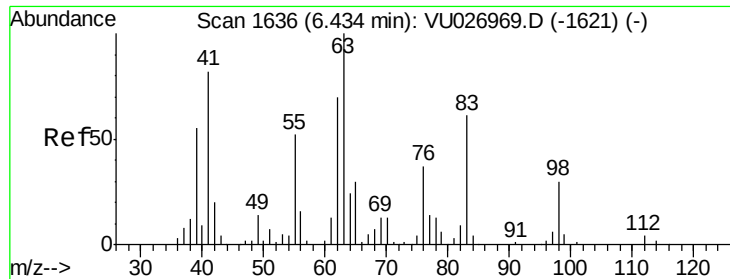
#44  
Trichloroethene  
Concen: 49.858 ug/l  
RT: 6.19 min Scan# 1559  
Delta R.T. -0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

Tgt Ion: 130 Resp: 57307  
Ion Ratio Lower Upper  
130 100  
95 105.6 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VU0





#45

1,2-Dichloropropane

Concen: 53.015 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

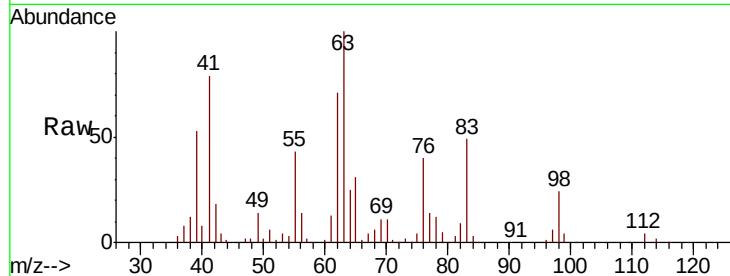
VU0922WBL02

Tgt Ion: 63 Resp: 81556

Ion Ratio Lower Upper

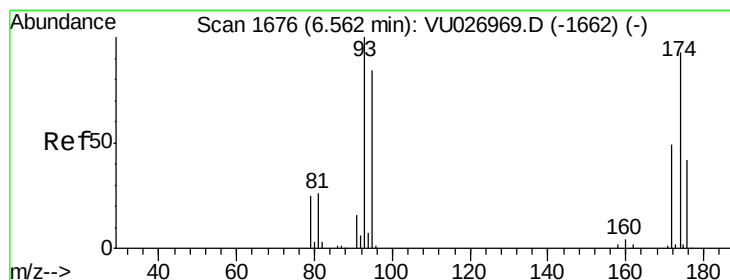
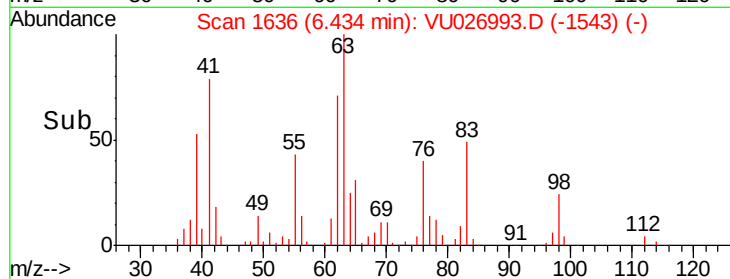
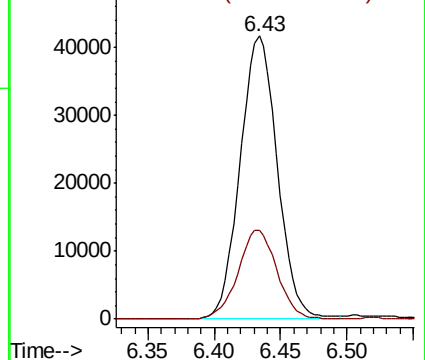
63 100

65 31.3 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 52.298 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

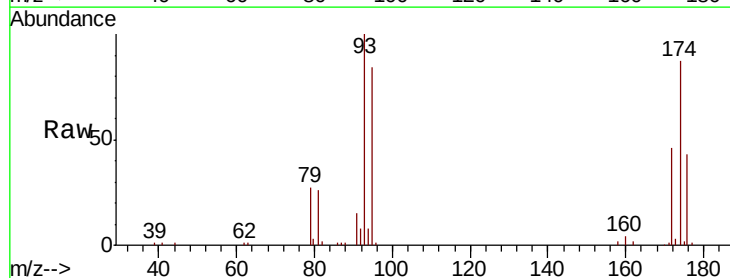
Tgt Ion: 93 Resp: 48590

Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

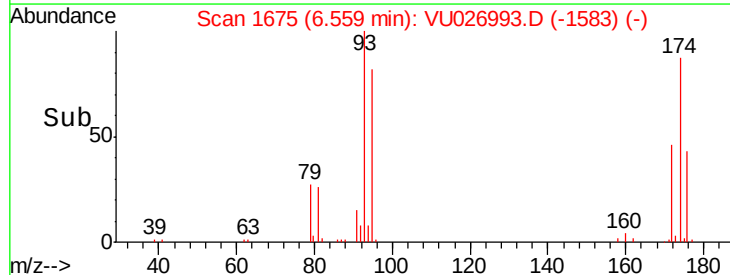
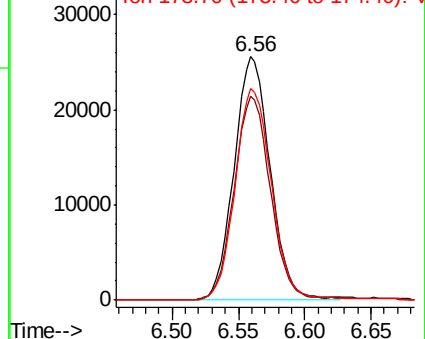
174 87.1 71.7 107.5

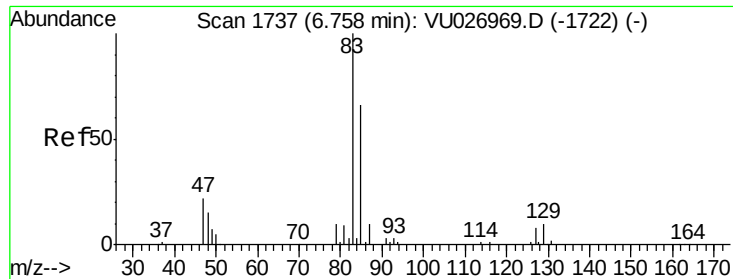


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

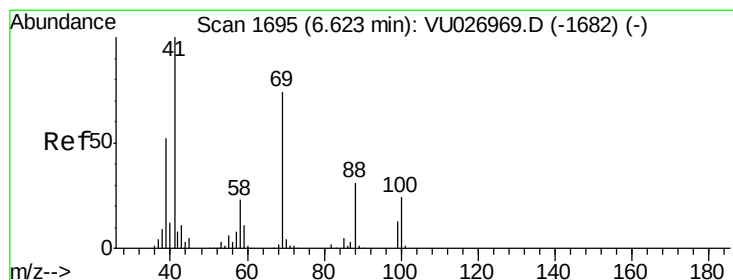
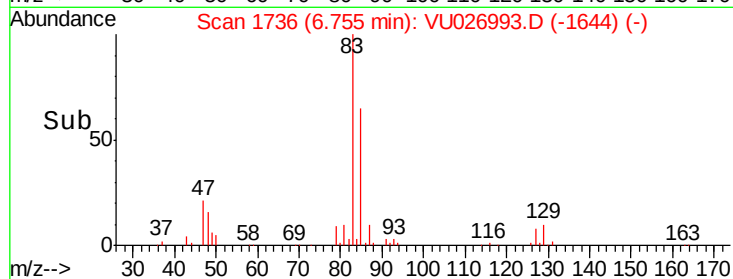
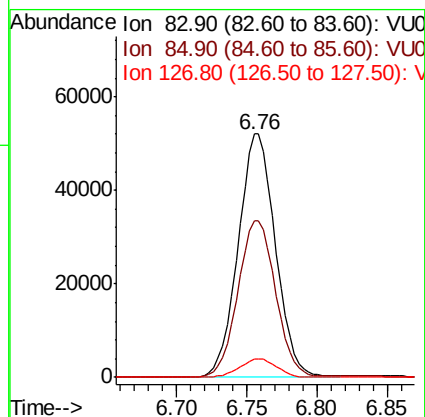
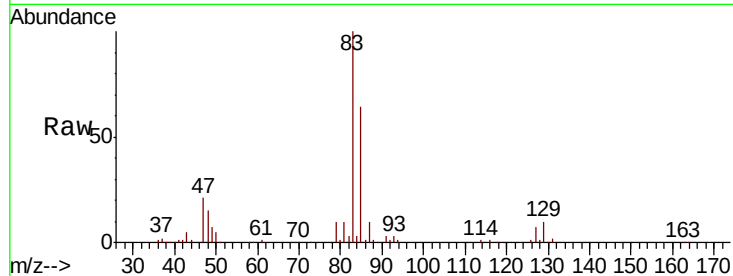




#47  
Bromodichloromethane  
Concen: 51.324 ug/l  
RT: 6.76 min Scan# 1736  
Delta R.T. -0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

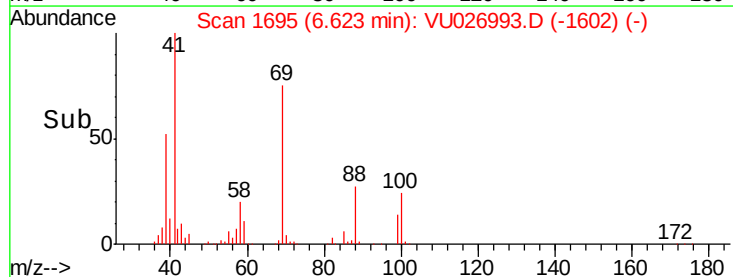
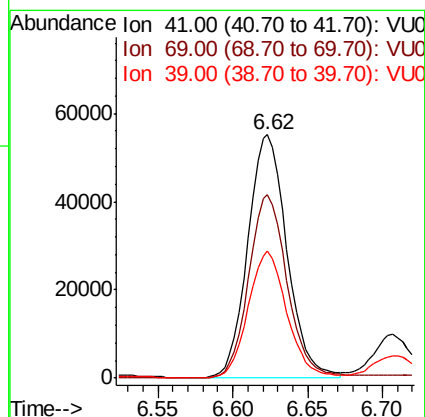
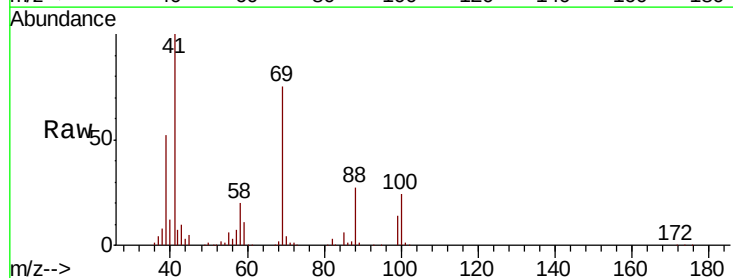
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0922WBL02

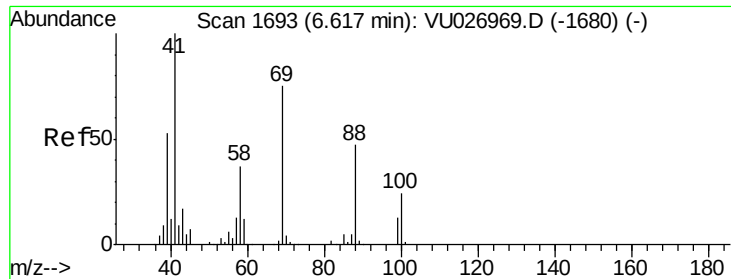
Tgt Ion: 83 Resp: 96421  
Ion Ratio Lower Upper  
83 100  
85 64.2 52.5 78.7  
127 7.5 6.3 9.5



#48  
Methyl methacrylate  
Concen: 52.351 ug/l  
RT: 6.62 min Scan# 1695  
Delta R.T. 0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

Tgt Ion: 41 Resp: 99999  
Ion Ratio Lower Upper  
41 100  
69 74.7 60.6 90.8  
39 52.2 42.8 64.2

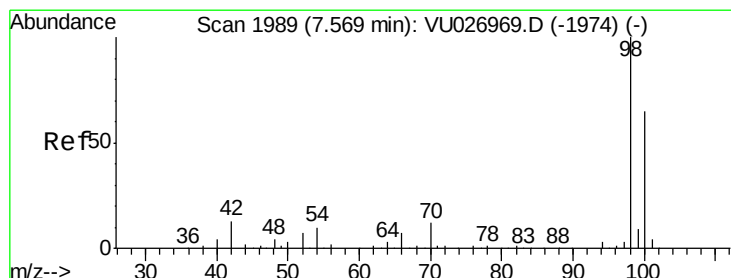
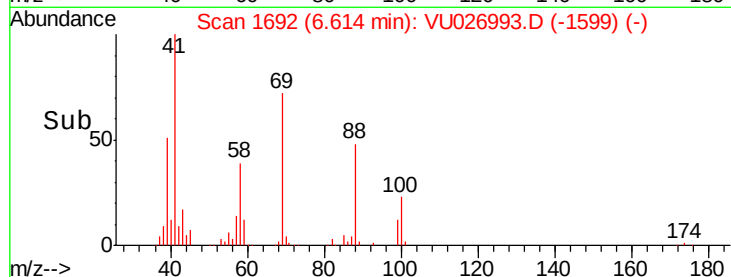
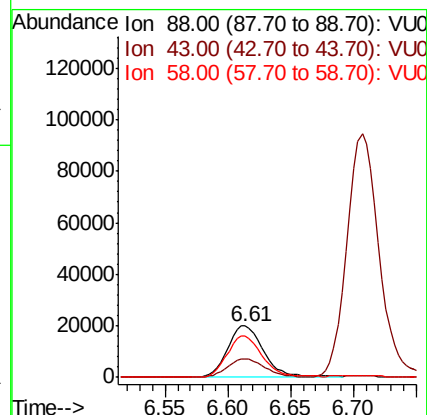
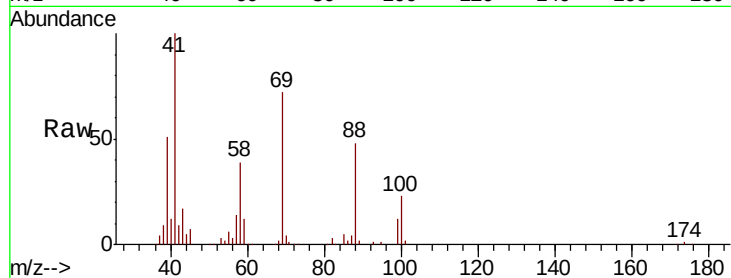




#49  
1,4-Dioxane  
Concen: 1062.826 ug/l  
RT: 6.61 min Scan# 1692  
Delta R.T. -0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

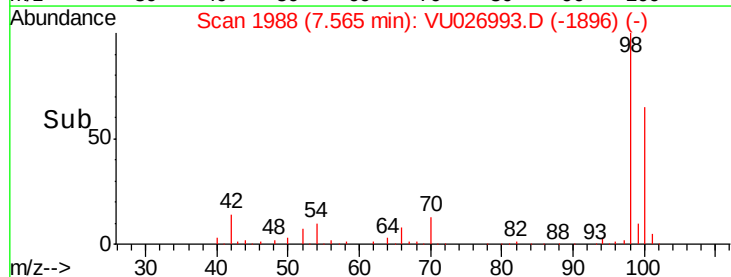
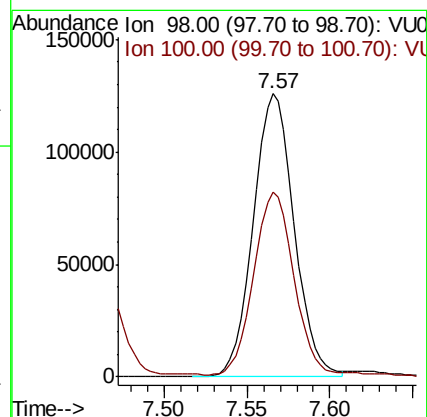
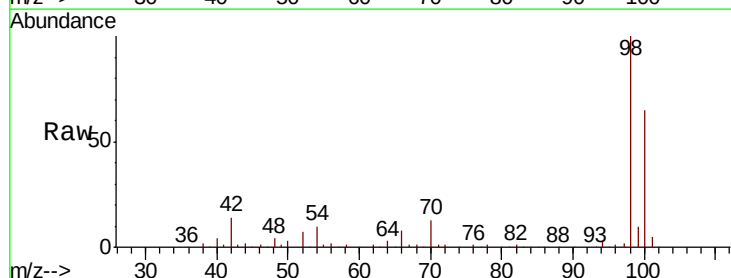
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0922WBL02

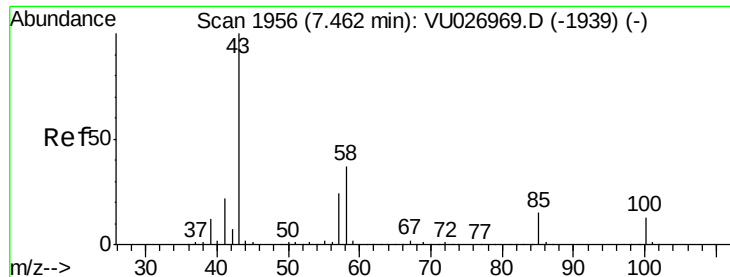
Tgt Ion: 88 Resp: 40277  
Ion Ratio Lower Upper  
88 100  
43 37.6 29.8 44.8  
58 79.4 63.9 95.9



#50  
Toluene-d8  
Concen: 49.228 ug/l  
RT: 7.57 min Scan# 1988  
Delta R.T. -0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

Tgt Ion: 98 Resp: 216401  
Ion Ratio Lower Upper  
98 100  
100 66.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 281.981 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

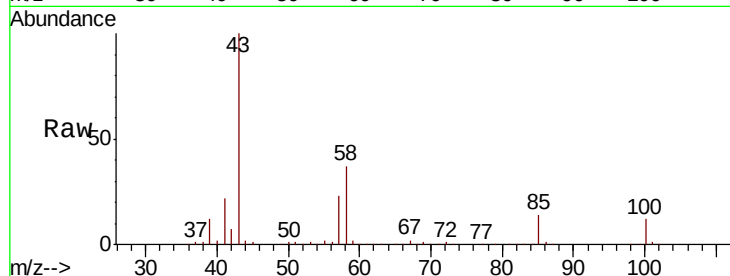
VU0922WBL02

Tgt Ion: 43 Resp: 664962

Ion Ratio Lower Upper

43 100

58 37.0 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

400000

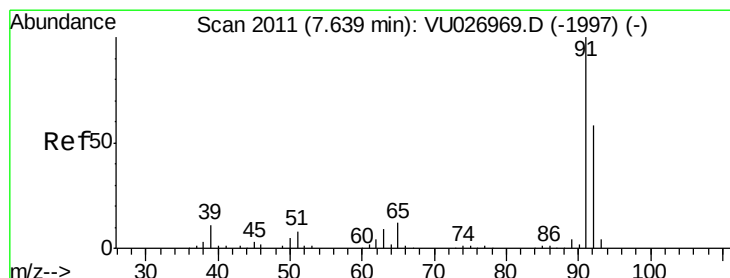
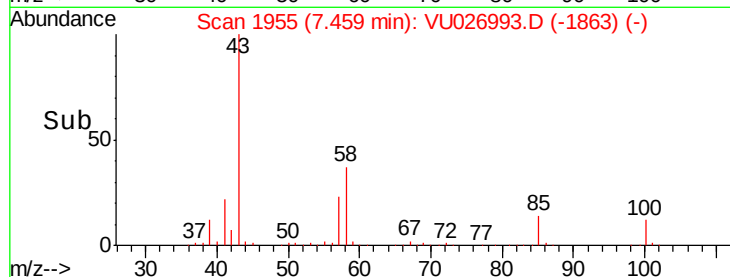
300000

200000

100000

0

Time--> 7.30 7.40 7.50 7.60



#52

Toluene

Concen: 51.723 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU026993.D

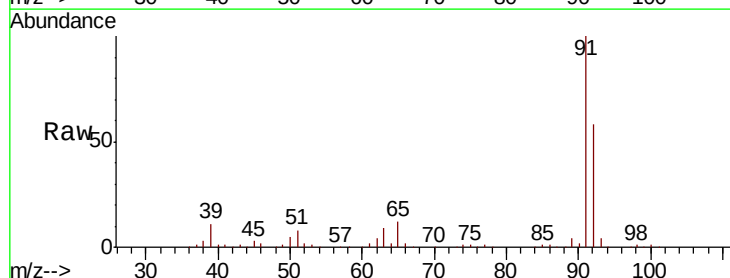
Acq: 22 Sep 2018 03:24

Tgt Ion: 92 Resp: 160067

Ion Ratio Lower Upper

92 100

91 172.0 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

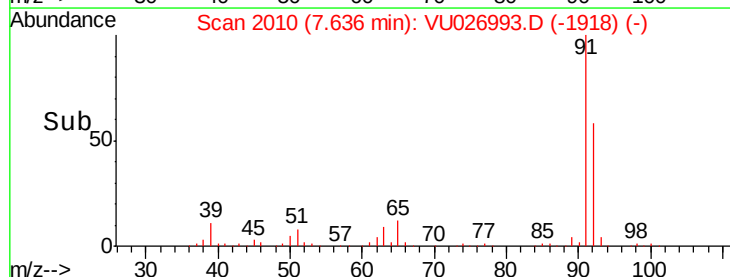
150000

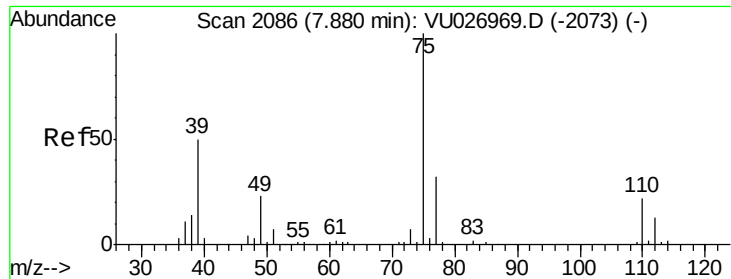
100000

50000

0

Time--> 7.55 7.60 7.65 7.70

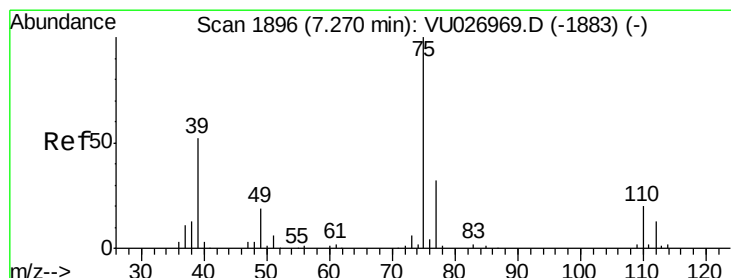
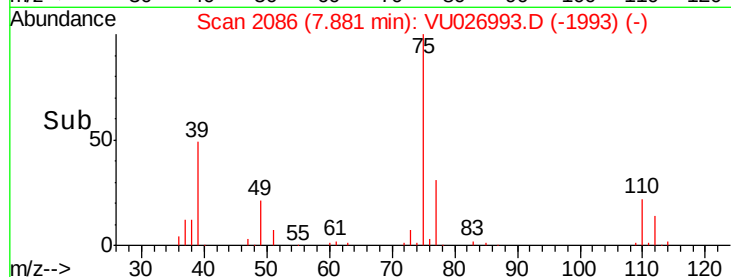
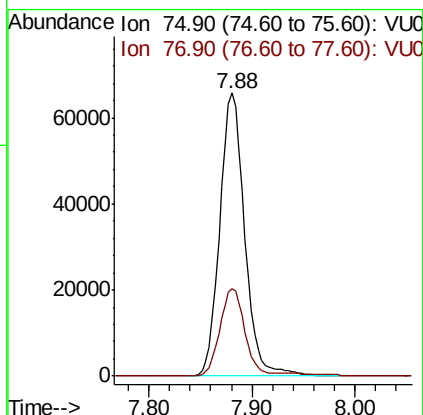
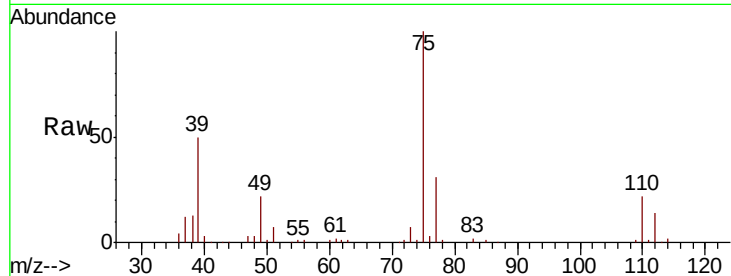




#53  
t-1,3-Dichloropropene  
Concen: 54.724 ug/l  
RT: 7.88 min Scan# 2086  
Delta R.T. 0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

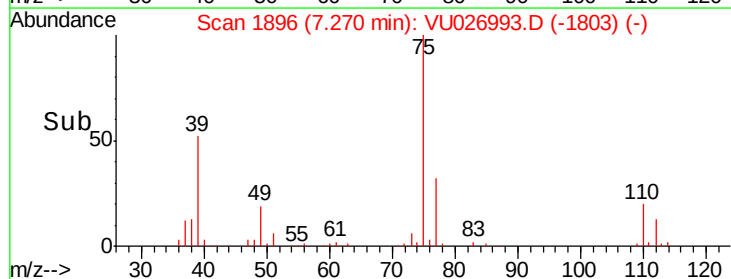
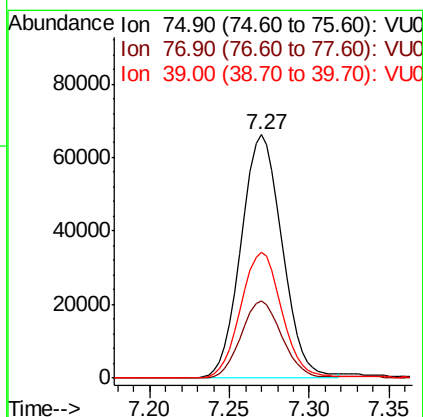
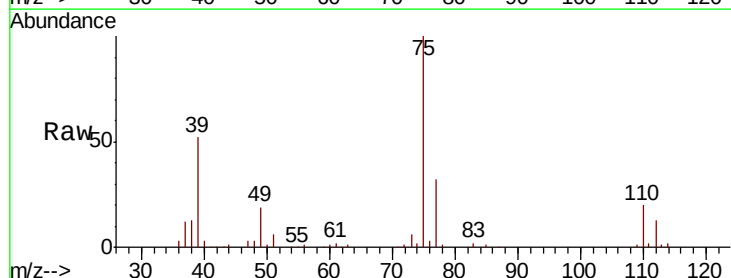
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0922WBL02

Tgt Ion: 75 Resp: 110459  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.3 37.9

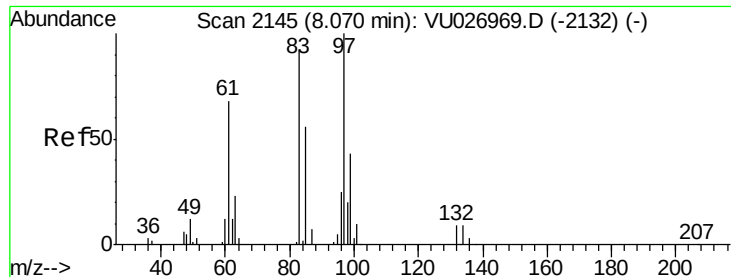


#54  
cis-1,3-Dichloropropene  
Concen: 52.328 ug/l  
RT: 7.27 min Scan# 1896  
Delta R.T. 0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

Tgt Ion: 75 Resp: 116135  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.4 38.0  
39 51.9 41.6 62.4



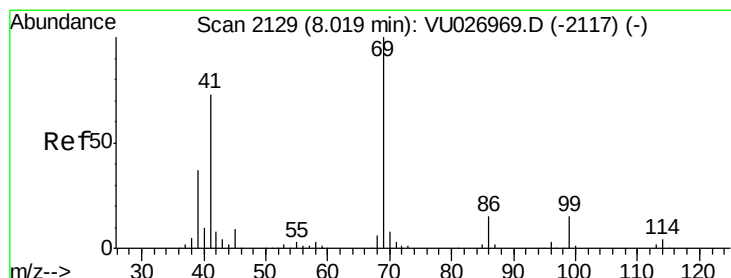
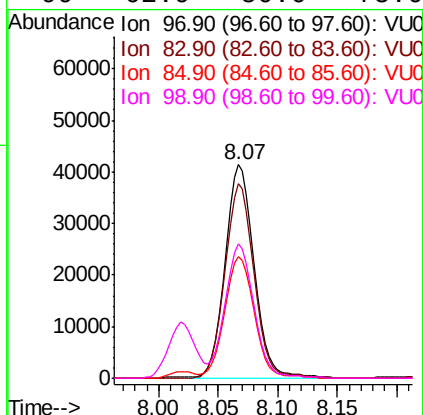
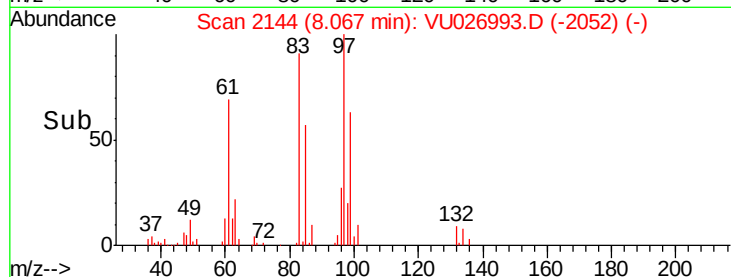
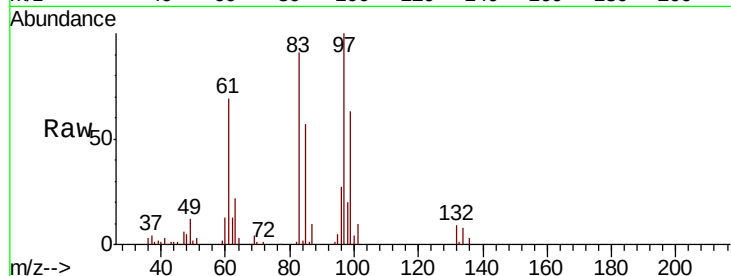




#55  
 1,1,2-Trichloroethane  
 Concen: 53.599 ug/l  
 RT: 8.07 min Scan# 2144  
 Delta R.T. -0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

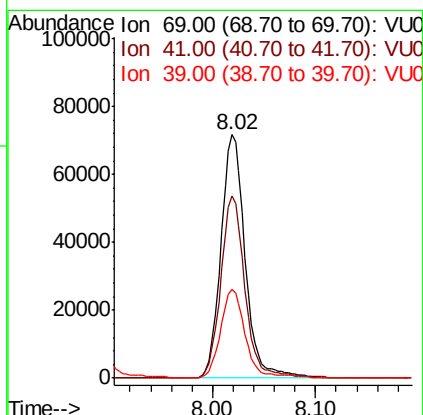
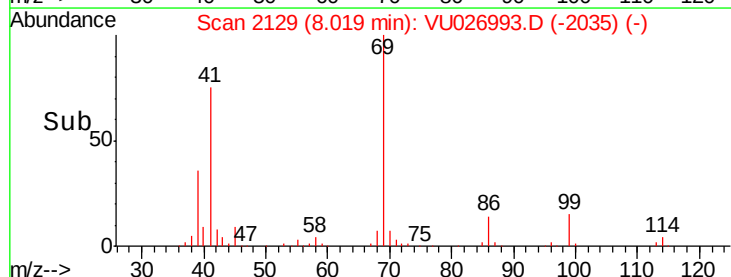
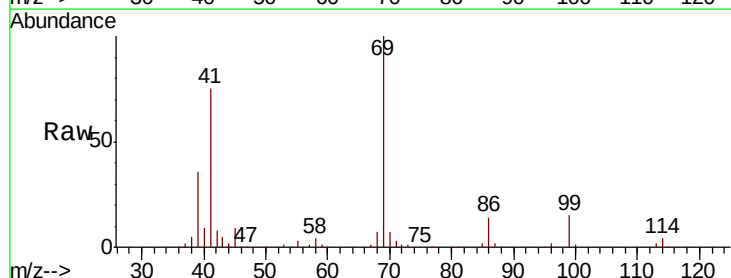
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0922WBL02

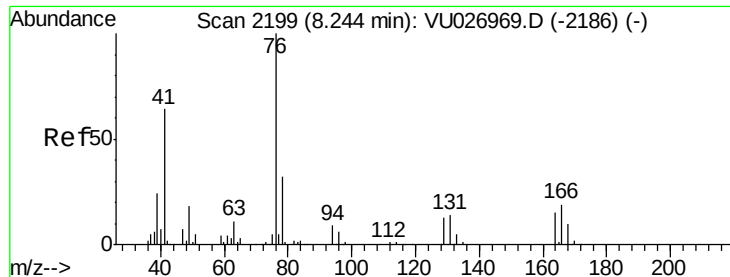
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 70285 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 91.1  | 73.1  | 109.7 |
| 85       | 56.8  | 46.7  | 70.1  |
| 99       | 62.9  | 50.0  | 75.0  |



#56  
 Ethyl methacrylate  
 Concen: 51.606 ug/l  
 RT: 8.02 min Scan# 2129  
 Delta R.T. 0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 117585 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 74.6  | 59.0  | 88.4   |
| 39       | 36.6  | 30.2  | 45.4   |

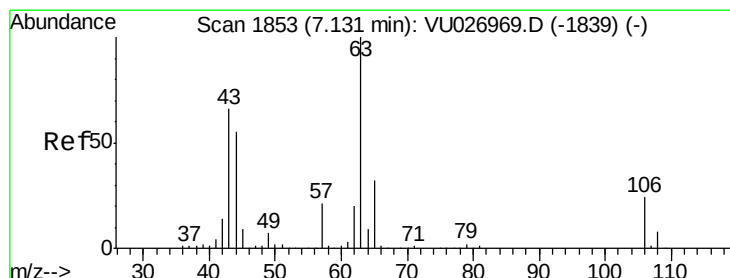
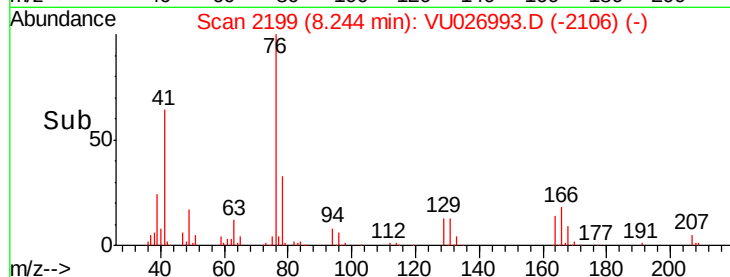
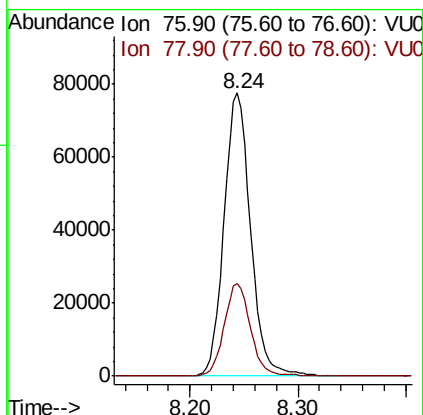
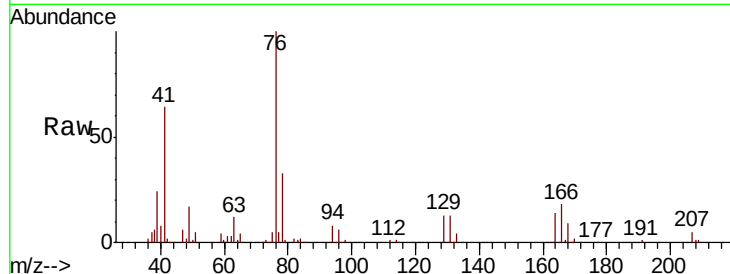




#57  
 1,3-Dichloropropane  
 Concen: 54.339 ug/l  
 RT: 8.24 min Scan# 2199  
 Delta R.T. 0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

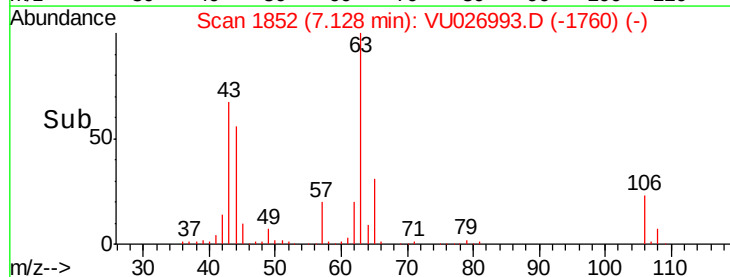
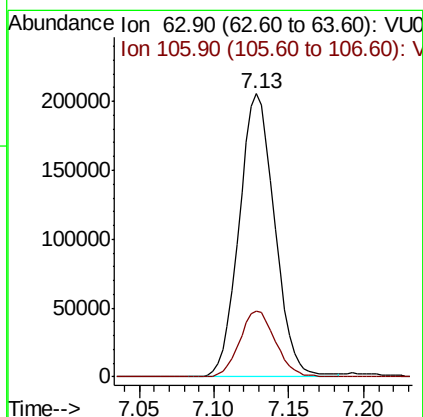
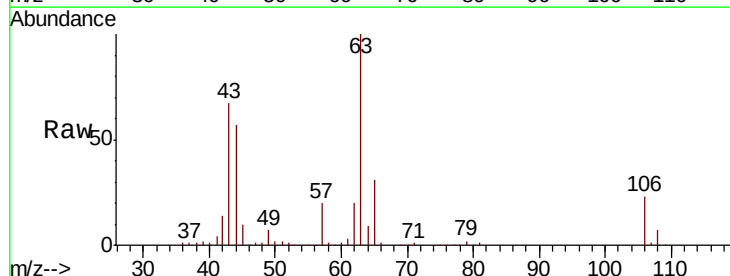
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0922WBL02

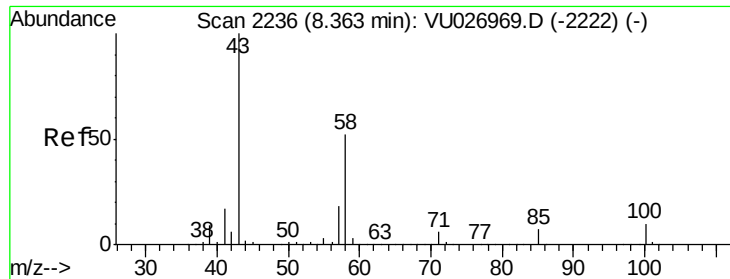
Tgt Ion: 76 Resp: 132528  
 Ion Ratio Lower Upper  
 76 100  
 78 32.4 25.5 38.3



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 263.468 ug/l  
 RT: 7.13 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

Tgt Ion: 63 Resp: 340547  
 Ion Ratio Lower Upper  
 63 100  
 106 23.3 18.7 28.1

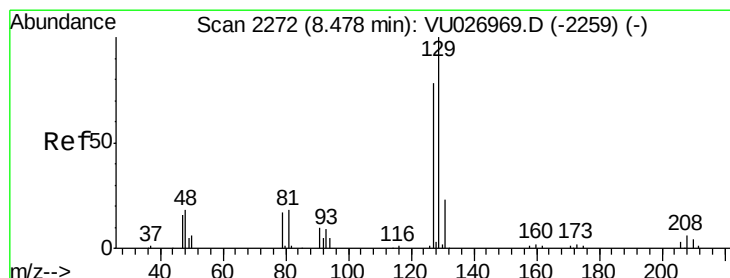
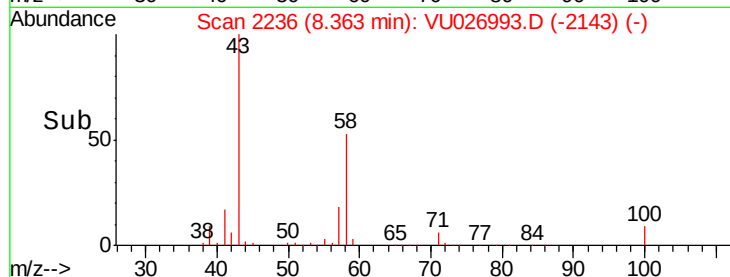
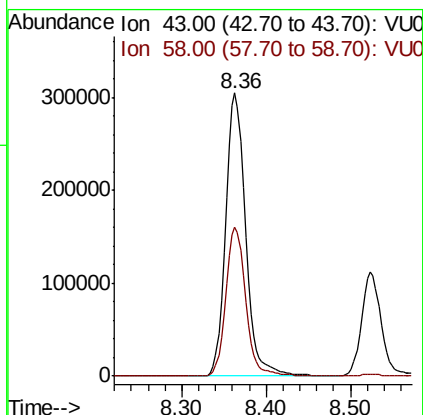
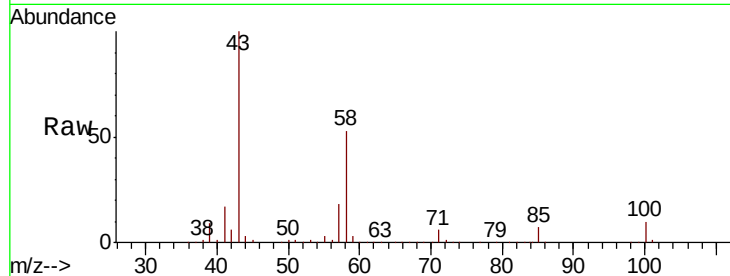




#59  
2-Hexanone  
Concen: 271.714 ug/l  
RT: 8.36 min Scan# 2236  
Delta R.T. 0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

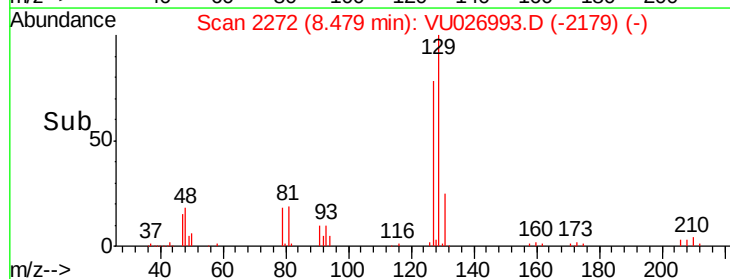
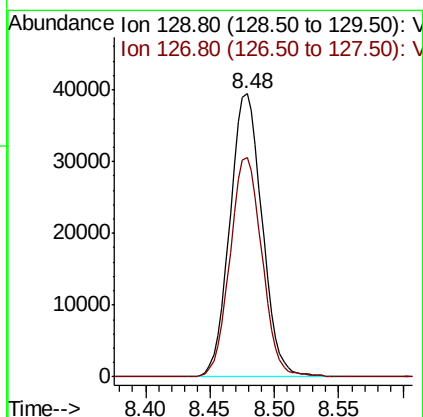
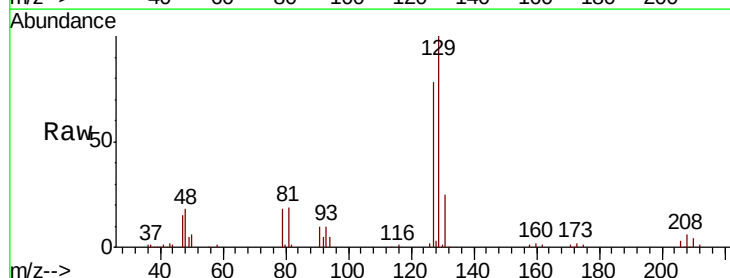
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0922WBL02

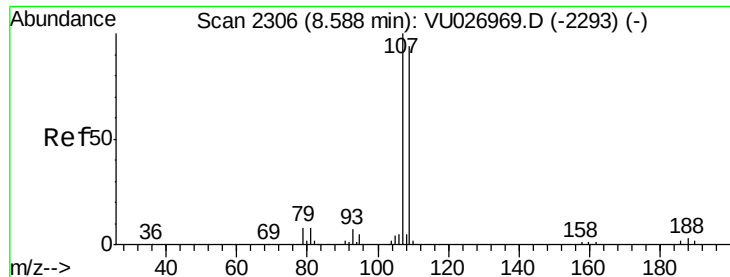
Tgt Ion: 43 Resp: 501567  
Ion Ratio Lower Upper  
43 100  
58 52.4 26.1 78.2



#60  
Dibromochloromethane  
Concen: 53.444 ug/l  
RT: 8.48 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

Tgt Ion: 129 Resp: 68743  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.1 114.5





#61

1,2-Dibromoethane

Concen: 53.649 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

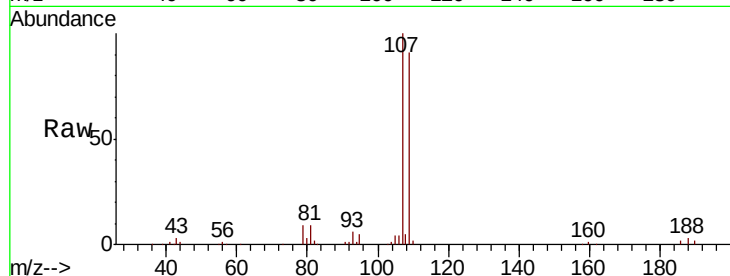
VU0922WBL02

Tgt Ion: 107 Resp: 73197

Ion Ratio Lower Upper

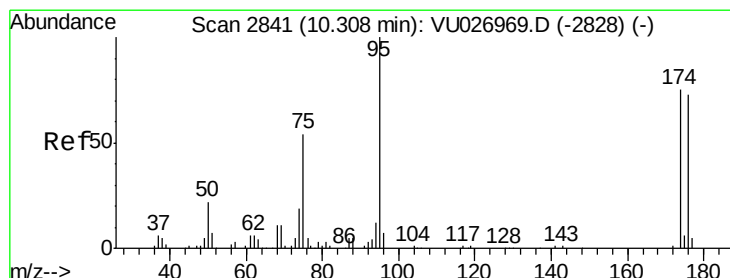
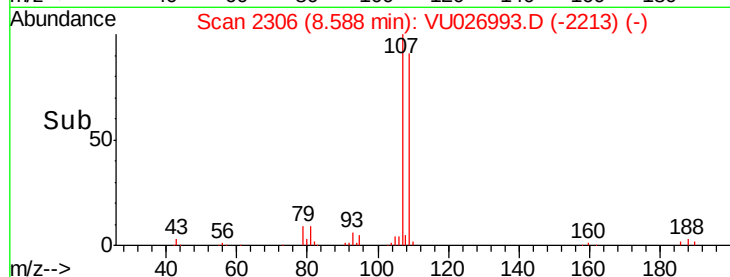
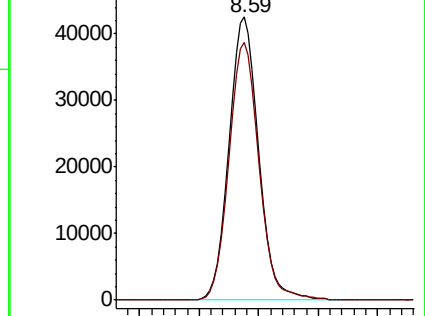
107 100

109 92.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.376 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

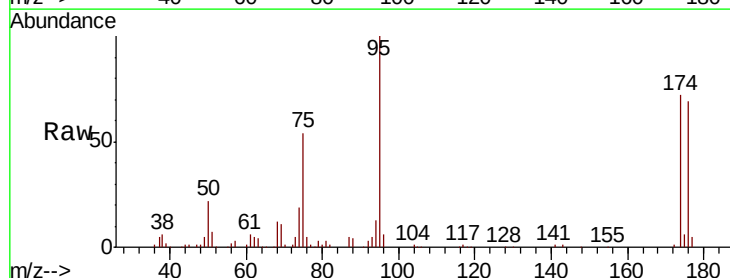
Tgt Ion: 95 Resp: 79003

Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.2

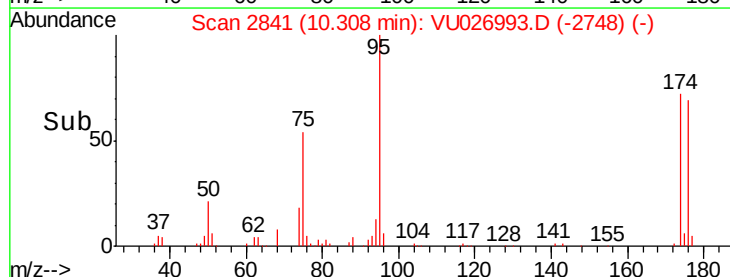
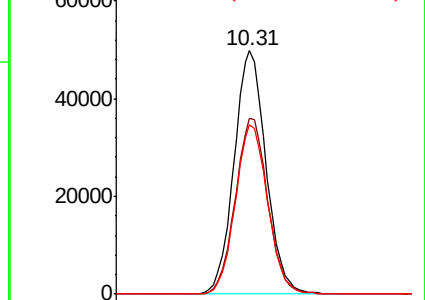
176 70.3 0.0 145.2

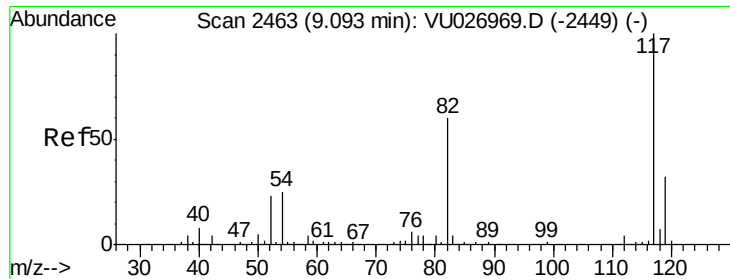


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

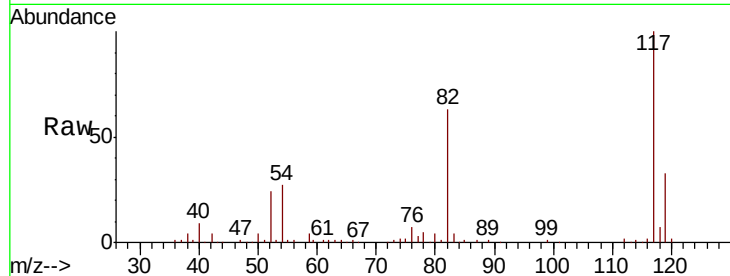




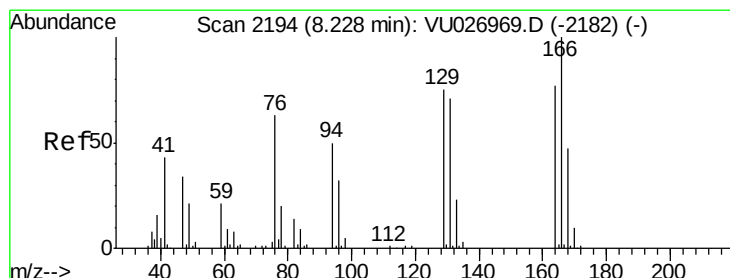
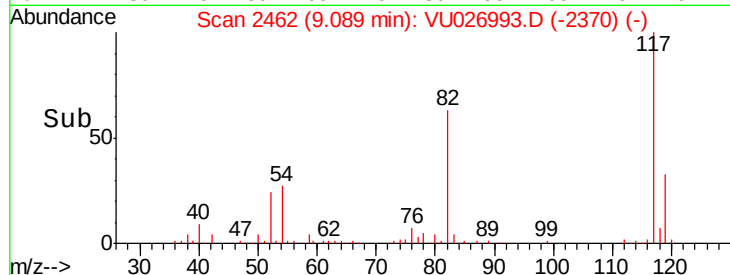
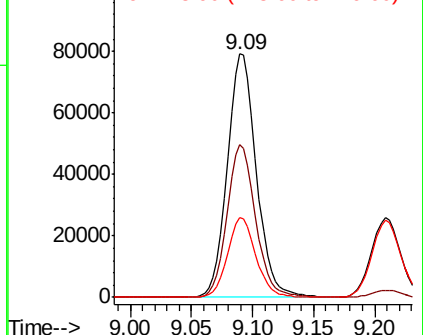
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.09 min Scan# 2462  
Delta R.T. -0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0922WBL02

Tgt Ion:117 Resp: 132086  
Ion Ratio Lower Upper  
117 100  
82 63.0 48.0 72.0  
119 32.9 25.8 38.8



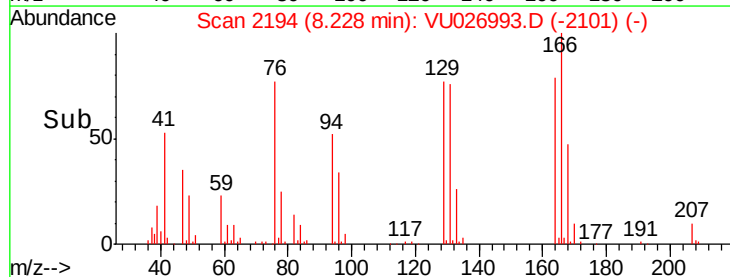
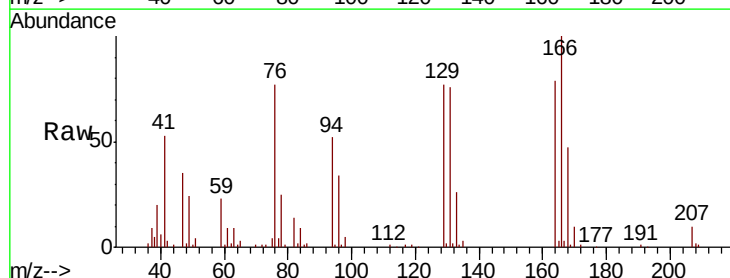
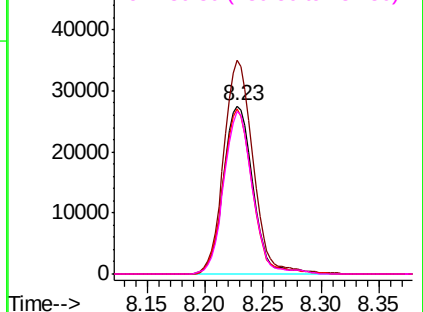
Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VU0  
Ion 118.90 (118.60 to 119.60): V

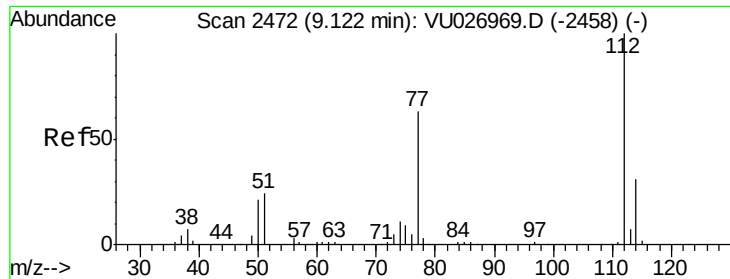


#64  
Tetrachloroethene  
Concen: 47.576 ug/l  
RT: 8.23 min Scan# 2194  
Delta R.T. 0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

Tgt Ion:164 Resp: 48424  
Ion Ratio Lower Upper  
164 100  
166 127.1 104.4 156.6  
129 97.9 78.7 118.1  
131 96.4 73.9 110.9

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

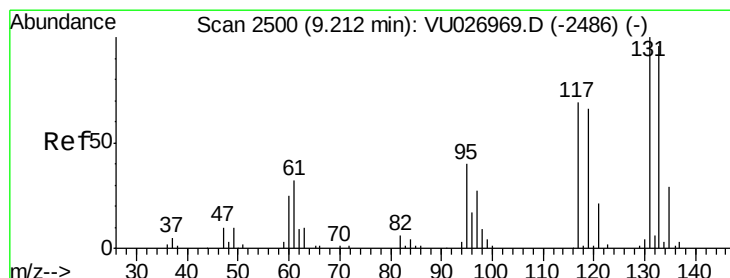
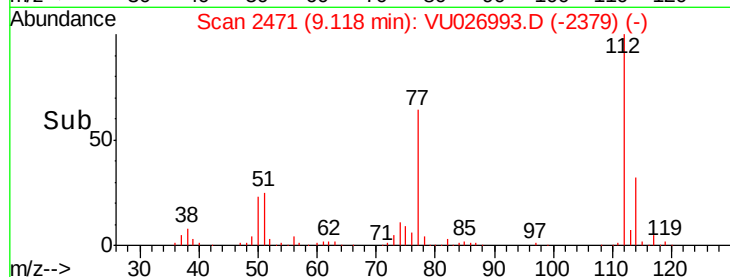
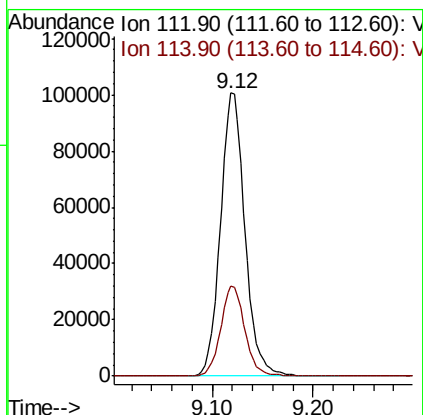
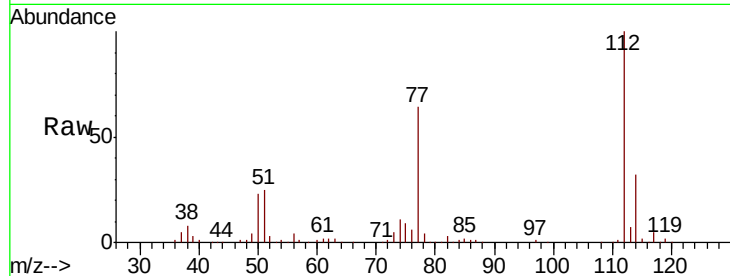




#65  
Chlorobenzene  
Concen: 48.609 ug/l  
RT: 9.12 min Scan# 2471  
Delta R.T. -0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

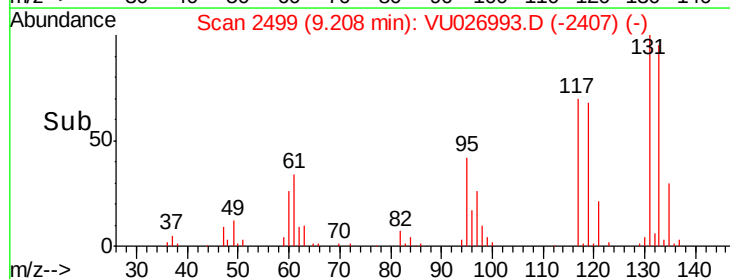
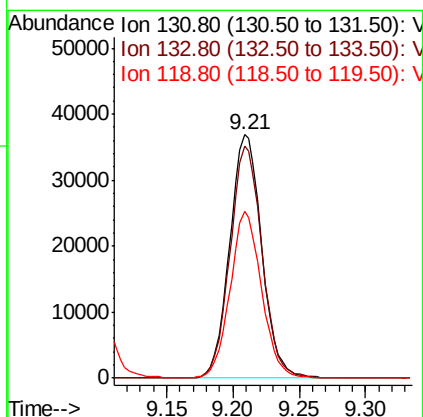
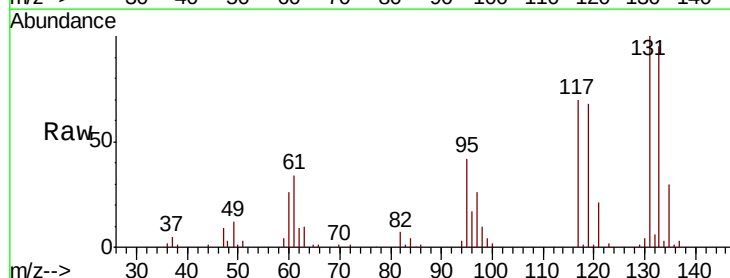
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0922WBL02

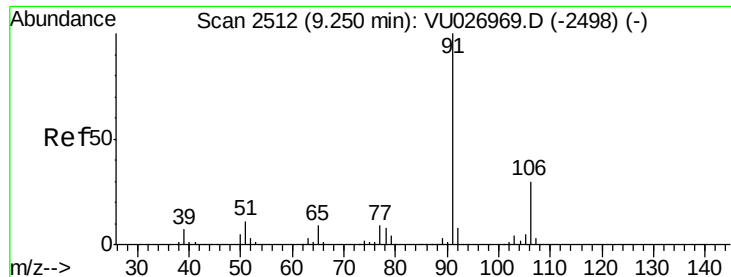
Tgt Ion:112 Resp: 170242  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.0 37.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.336 ug/l  
RT: 9.21 min Scan# 2499  
Delta R.T. -0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

Tgt Ion:131 Resp: 61927  
Ion Ratio Lower Upper  
131 100  
133 95.0 48.0 144.2  
119 66.9 33.4 100.1

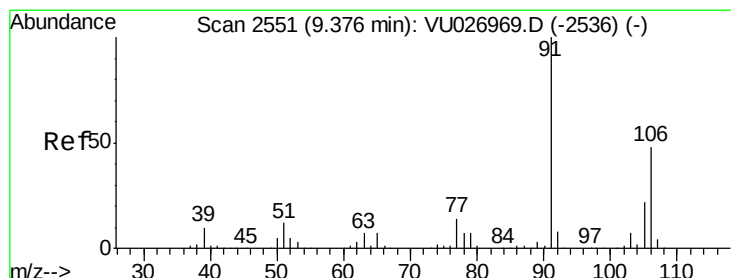
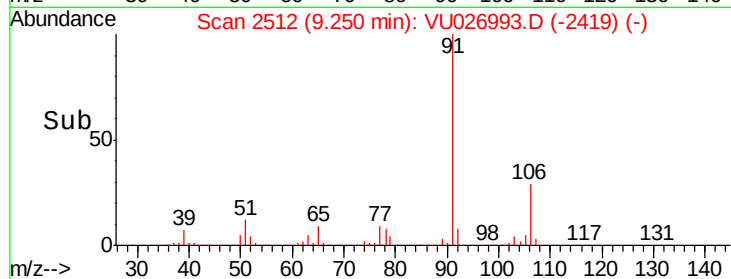
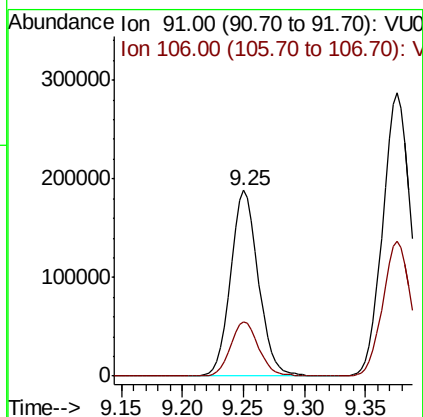
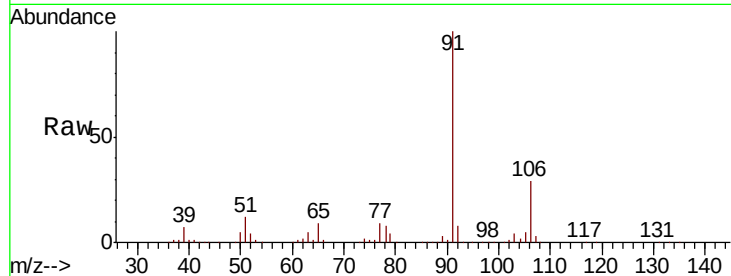




#67  
 Ethyl Benzene  
 Concen: 52.021 ug/l  
 RT: 9.25 min Scan# 2512  
 Delta R.T. 0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

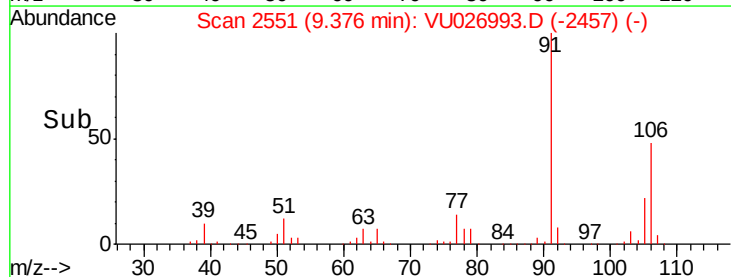
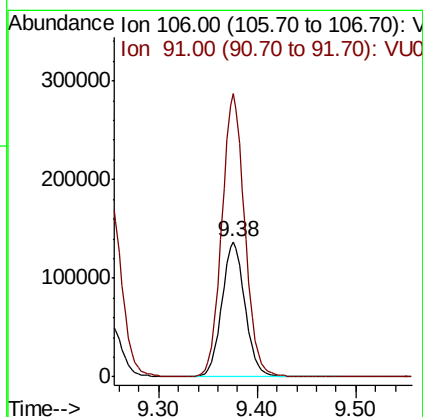
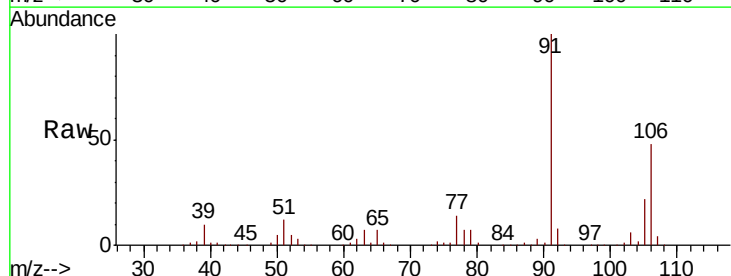
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0922WBL02

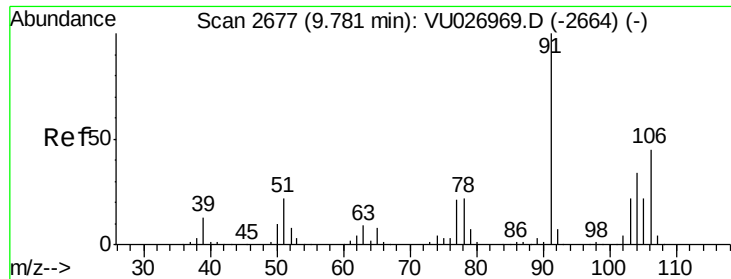
Tgt Ion: 91 Resp: 299595  
 Ion Ratio Lower Upper  
 91 100  
 106 29.5 23.8 35.8



#68  
 m/p-Xylenes  
 Concen: 96.572 ug/l  
 RT: 9.38 min Scan# 2551  
 Delta R.T. 0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

Tgt Ion: 106 Resp: 225119  
 Ion Ratio Lower Upper  
 106 100  
 91 208.4 166.5 249.7

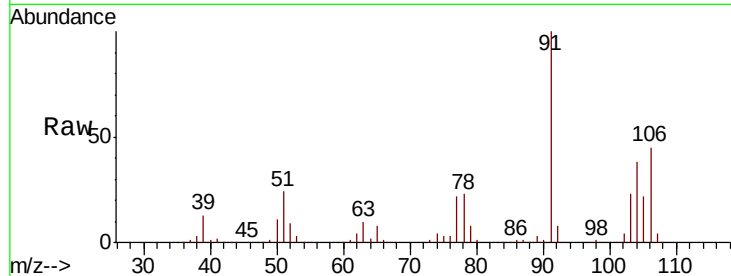




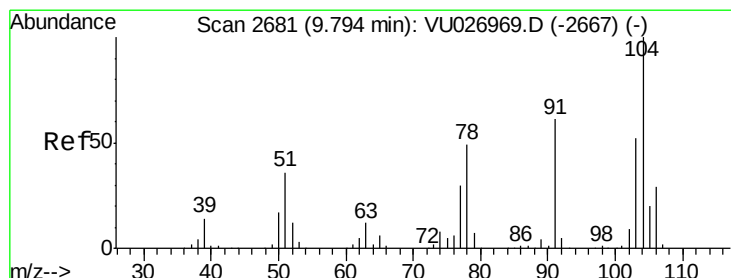
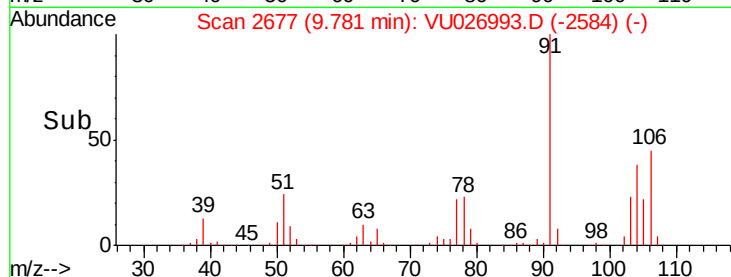
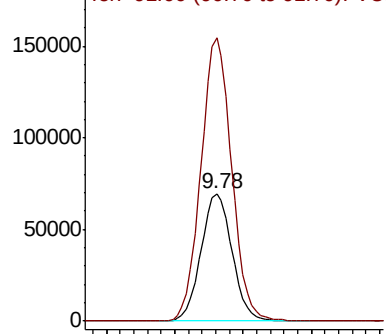
#69  
o-Xylene  
Concen: 53.904 ug/l  
RT: 9.78 min Scan# 2677  
Delta R.T. 0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0922WBL02

Tgt Ion:106 Resp: 109992  
Ion Ratio Lower Upper  
106 100  
91 219.7 110.2 330.6

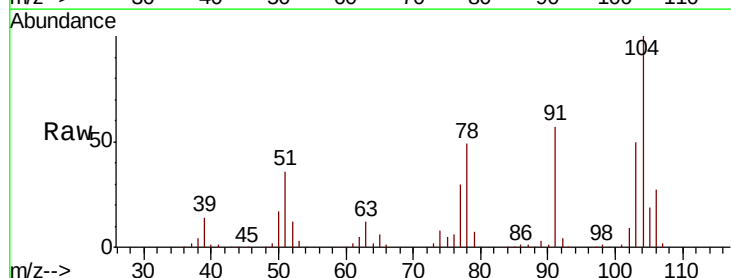


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VU0

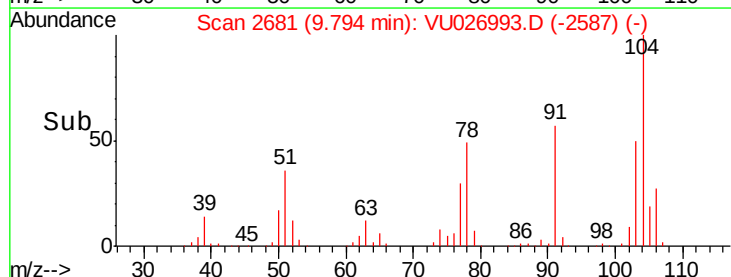
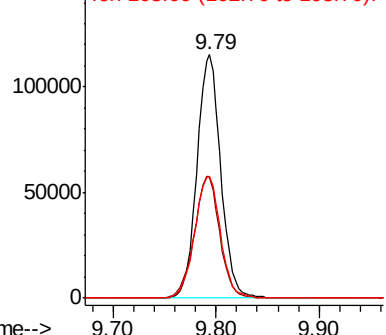


#70  
Styrene  
Concen: 48.654 ug/l  
RT: 9.79 min Scan# 2681  
Delta R.T. 0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

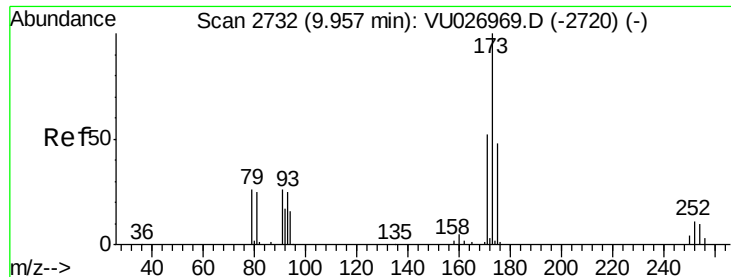
Tgt Ion:104 Resp: 185177  
Ion Ratio Lower Upper  
104 100  
78 53.6 43.0 64.4  
103 54.2 44.1 66.1



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: 53.272 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

VU0922WBL02

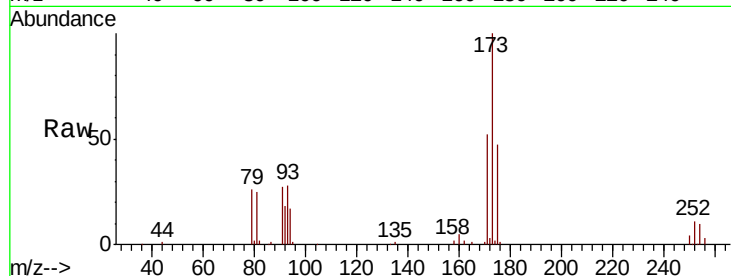
Tgt Ion:173 Resp: 49695

Ion Ratio Lower Upper

173 100

175 47.9 23.9 71.8

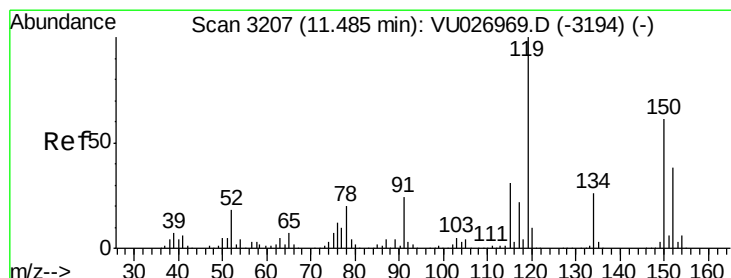
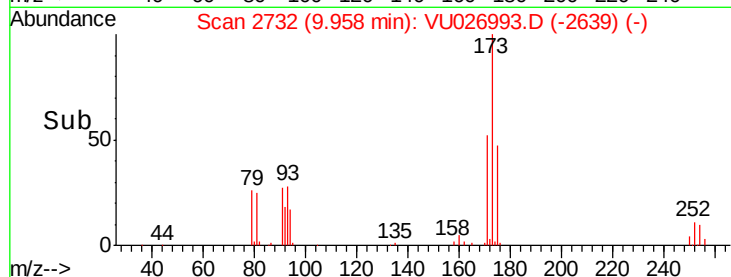
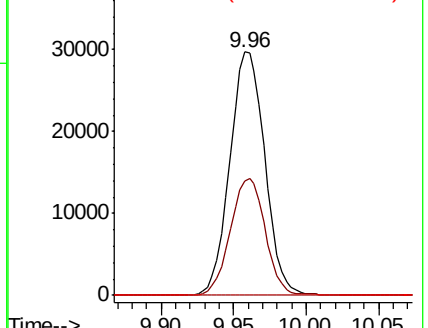
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

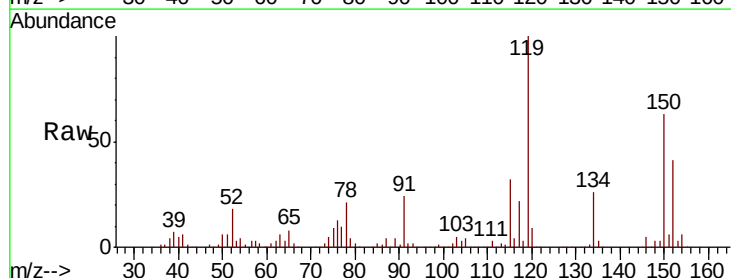
Tgt Ion:152 Resp: 72330

Ion Ratio Lower Upper

152 100

115 88.4 44.9 134.5

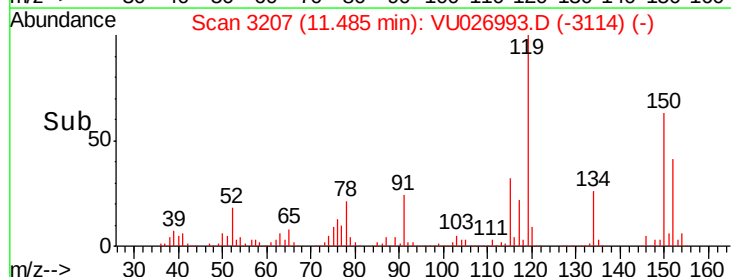
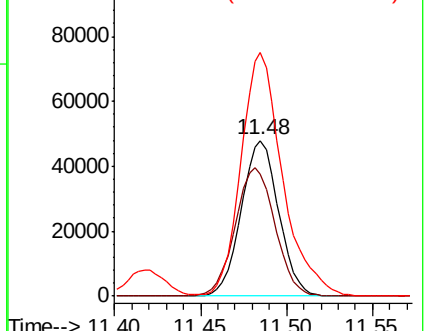
150 174.2 0.0 355.8

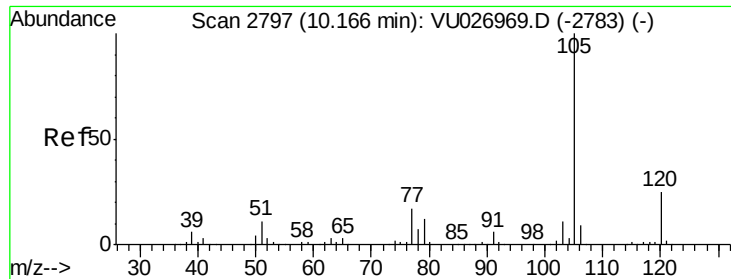


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.574 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

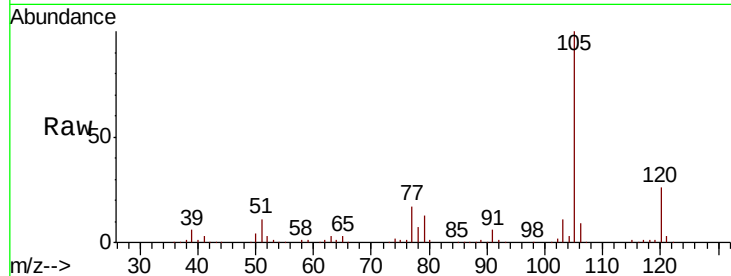
VU0922WBL02

Tgt Ion: 105 Resp: 289268

Ion Ratio Lower Upper

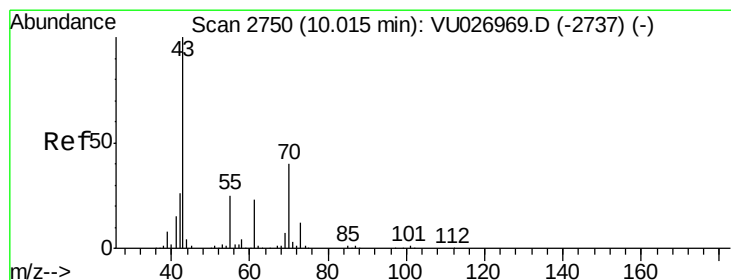
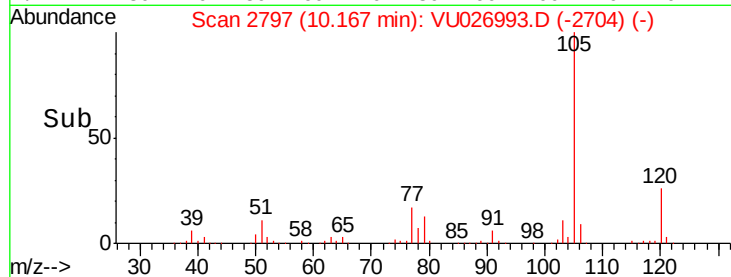
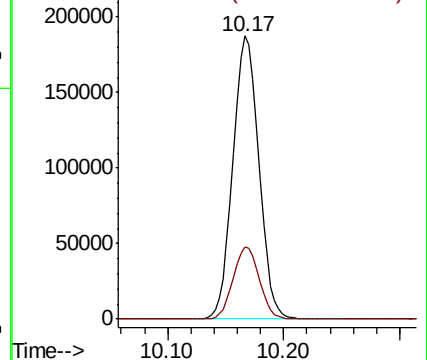
105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.807 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Tgt Ion: 43 Resp: 177737

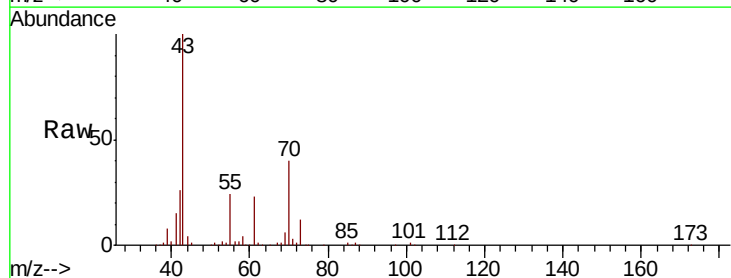
Ion Ratio Lower Upper

43 100

70 39.2 31.8 47.8

55 24.8 19.9 29.9

61 23.1 18.4 27.6

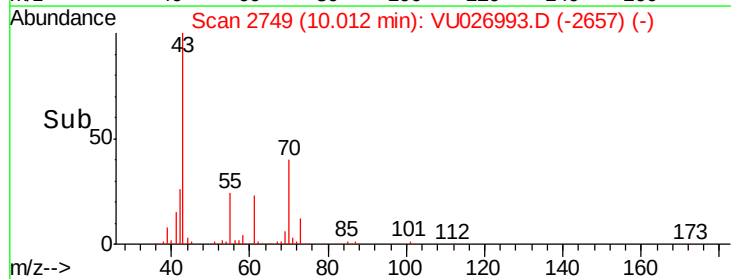
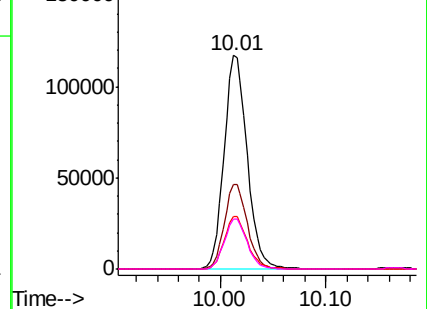


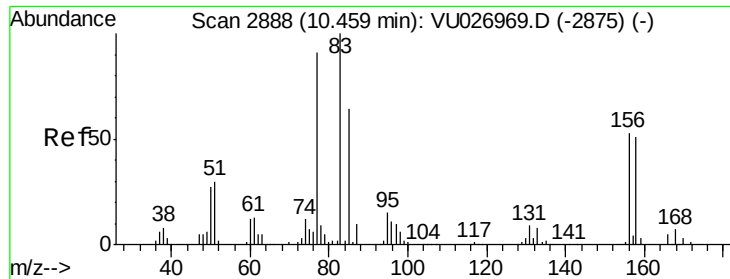
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 48.858 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

VU0922WBL02

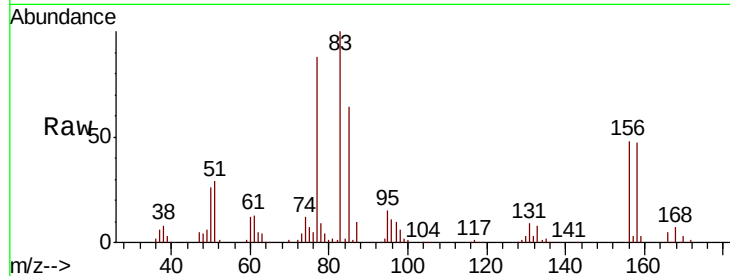
Tgt Ion: 83 Resp: 123597

Ion Ratio Lower Upper

83 100

131 8.5 4.3 12.8

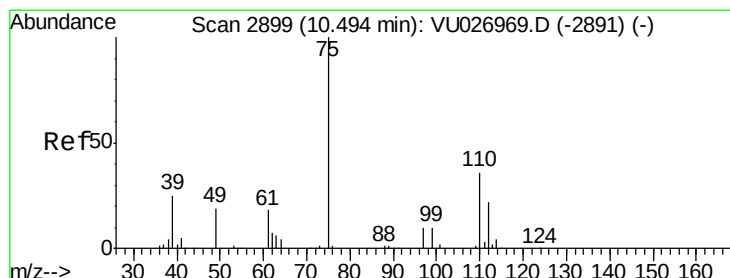
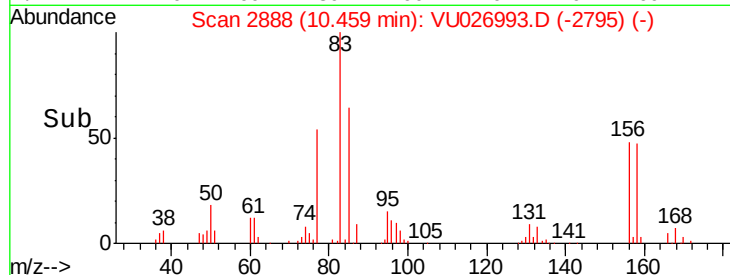
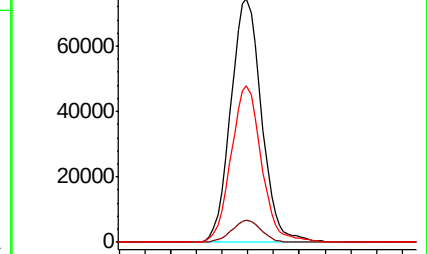
85 63.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU026993.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU026993.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU026993.D (-2875) (-)



#76

1,2,3-Trichloropropane

Concen: 65.487 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU026993.D

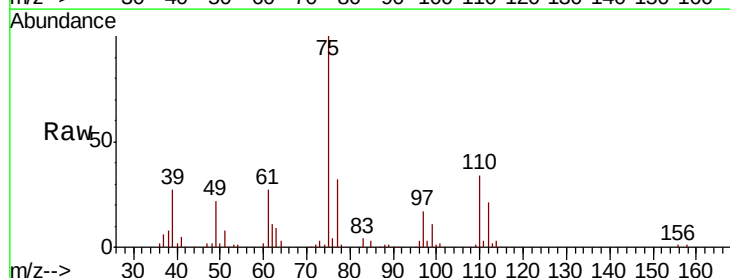
Acq: 22 Sep 2018 03:24

Tgt Ion: 75 Resp: 143899

Ion Ratio Lower Upper

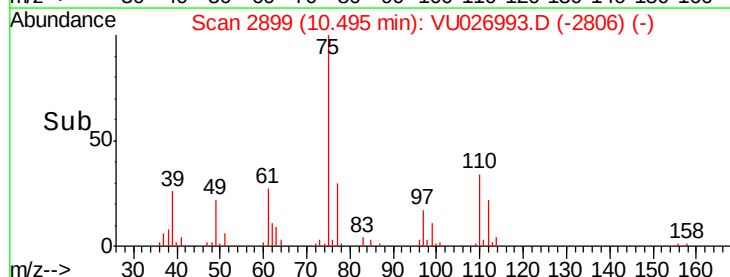
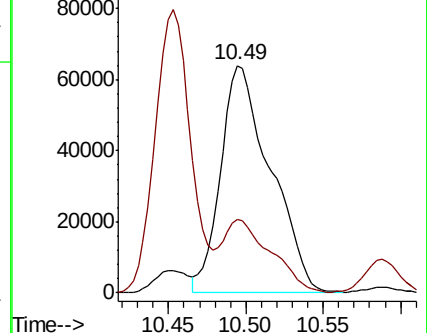
75 100

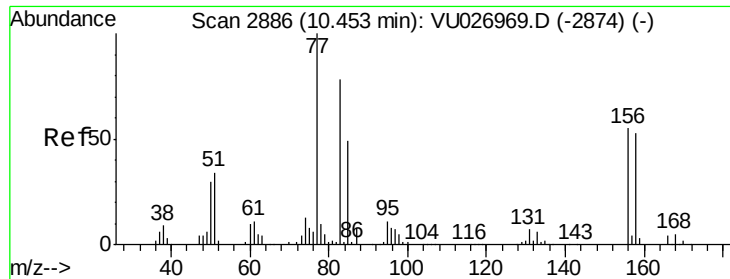
77 29.8 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU026993.D (-2891) (-)

Ion 77.00 (76.70 to 77.70): VU026993.D (-2891) (-)





#77

Bromobenzene

Concen: 50.453 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

VU0922WBL02

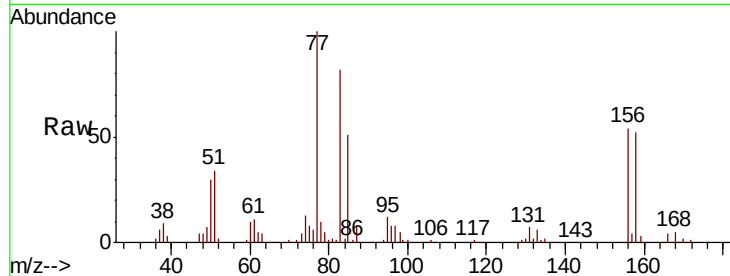
Tgt Ion:156 Resp: 67835

Ion Ratio Lower Upper

156 100

77 189.1 92.3 276.9

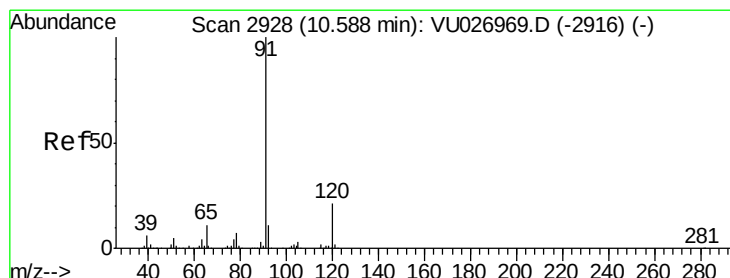
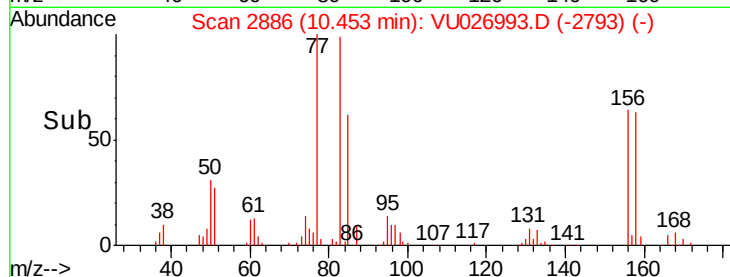
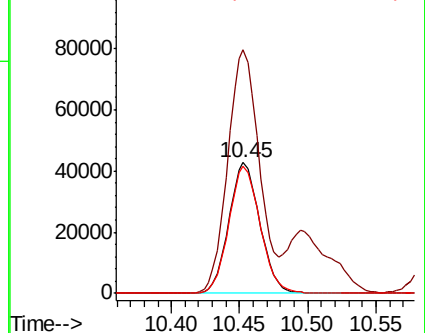
158 97.7 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.615 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU026993.D

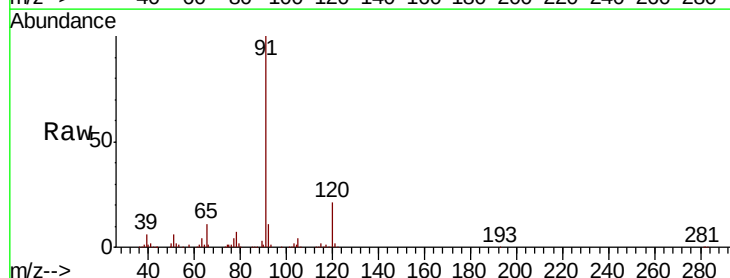
Acq: 22 Sep 2018 03:24

Tgt Ion: 91 Resp: 349045

Ion Ratio Lower Upper

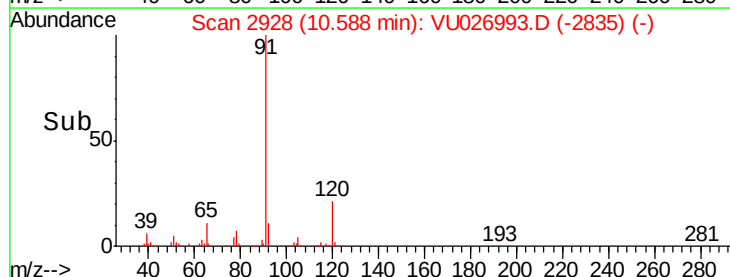
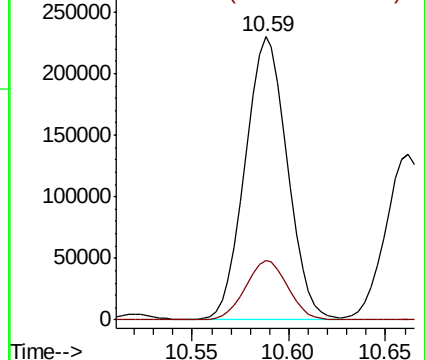
91 100

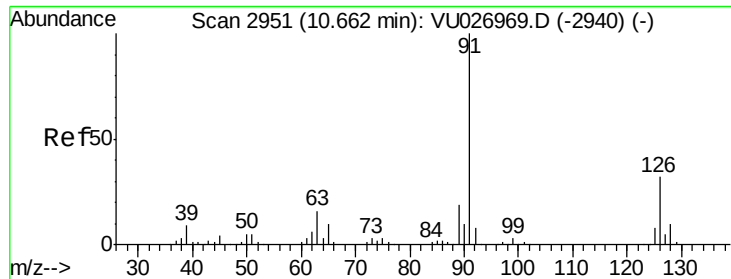
120 21.2 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.808 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

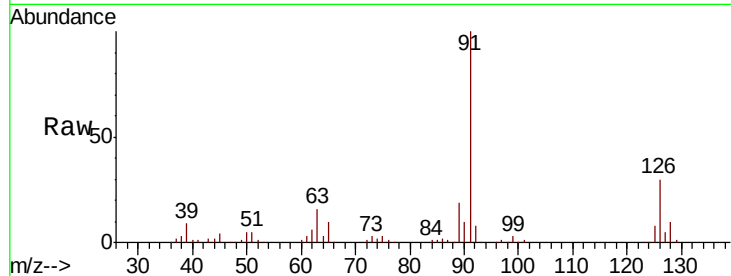
VU0922WBL02

Tgt Ion: 91 Resp: 211854

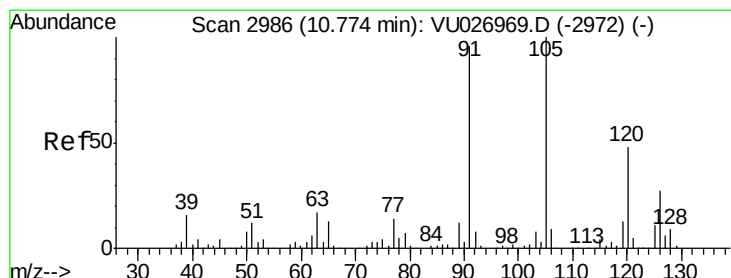
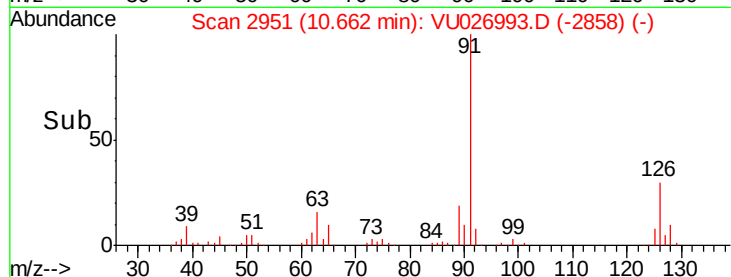
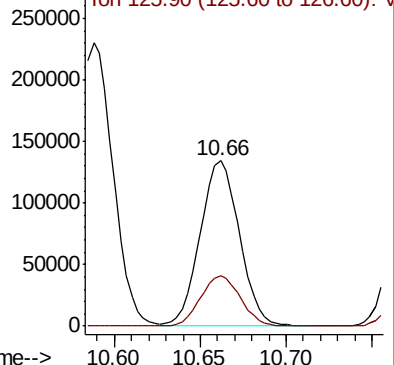
Ion Ratio Lower Upper

91 100

126 31.0 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2940) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.145 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU026993.D

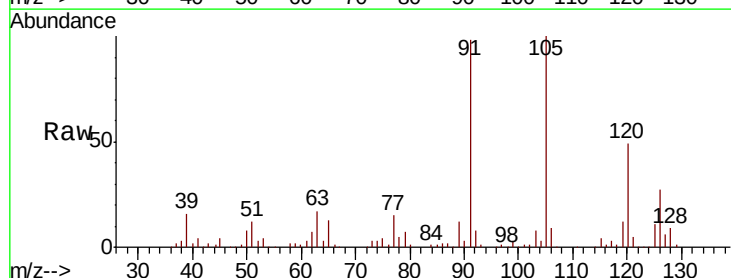
Acq: 22 Sep 2018 03:24

Tgt Ion: 105 Resp: 241376

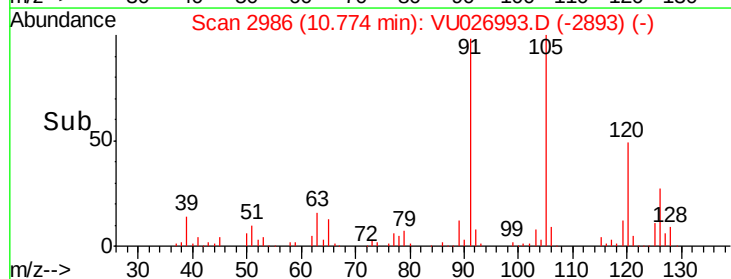
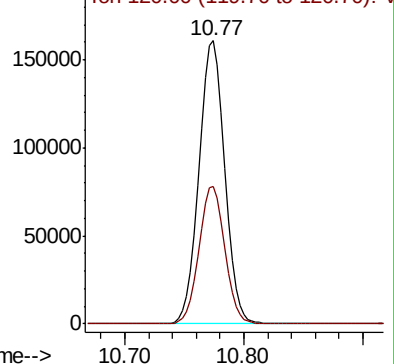
Ion Ratio Lower Upper

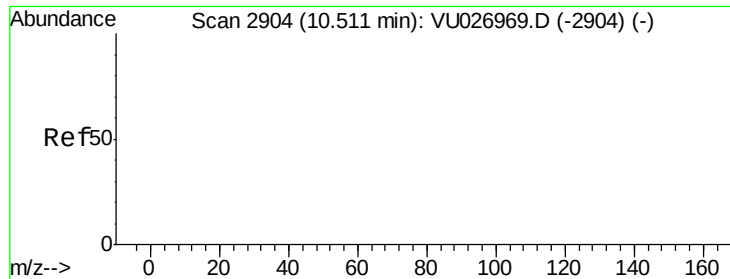
105 100

120 48.6 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VU026969.D (-2972) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 209.570 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

VU0922WBL02

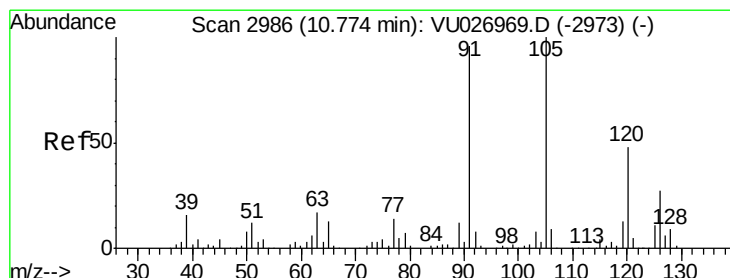
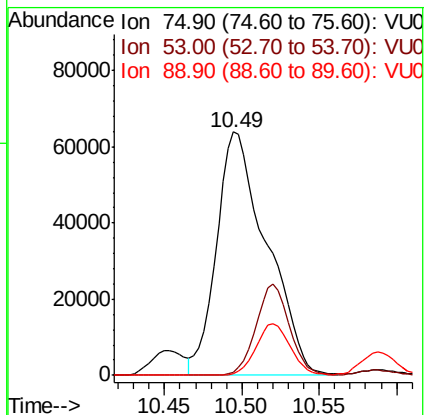
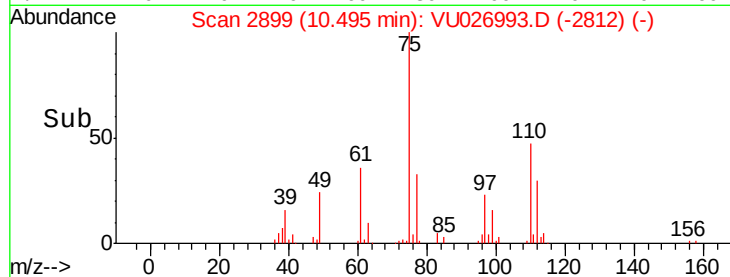
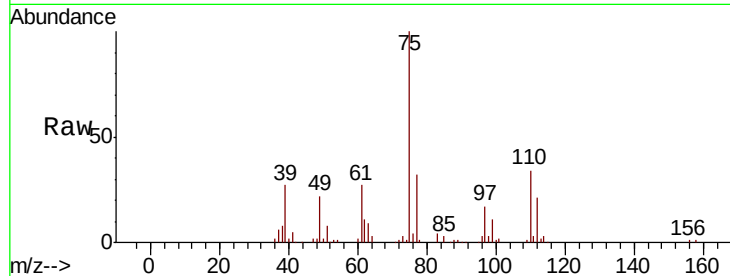
Tgt Ion: 75 Resp: 143899

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 52.800 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU026993.D

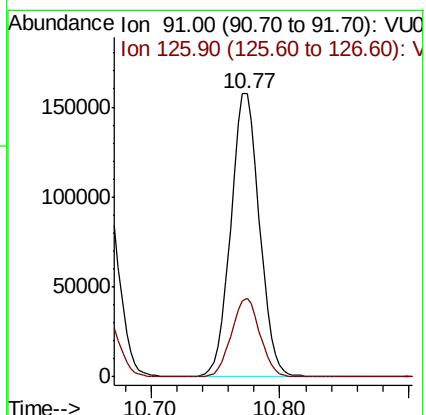
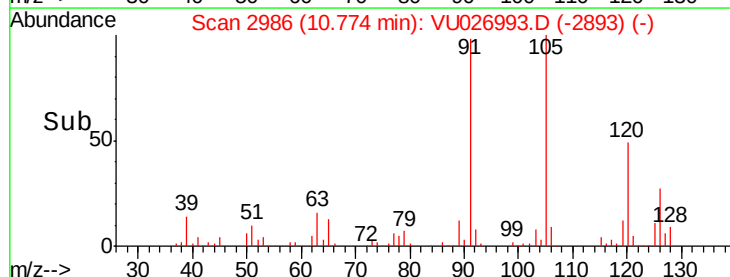
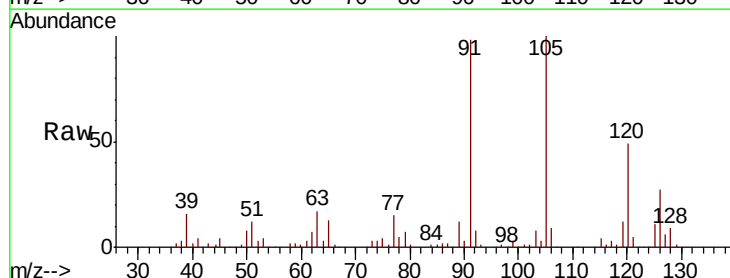
Acq: 22 Sep 2018 03:24

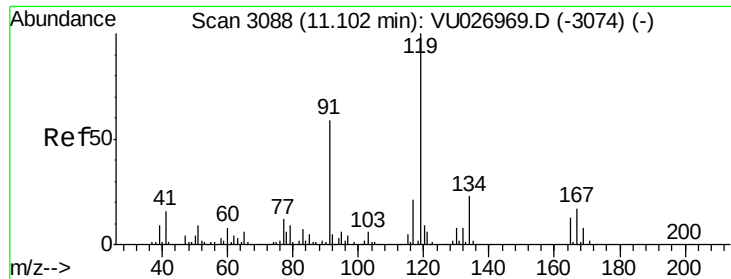
Tgt Ion: 91 Resp: 242097

Ion Ratio Lower Upper

91 100

126 27.7 14.1 42.2

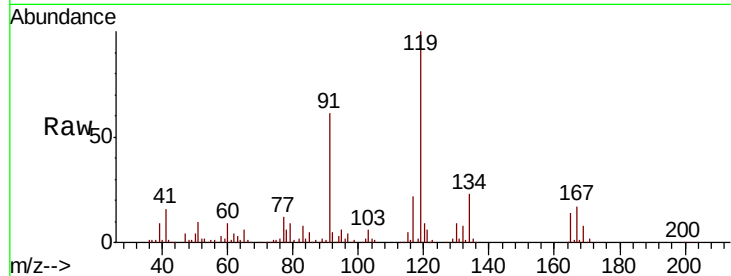




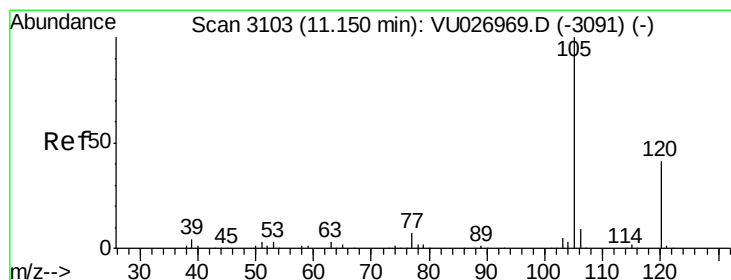
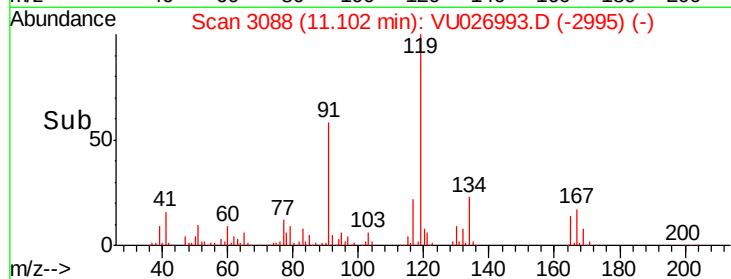
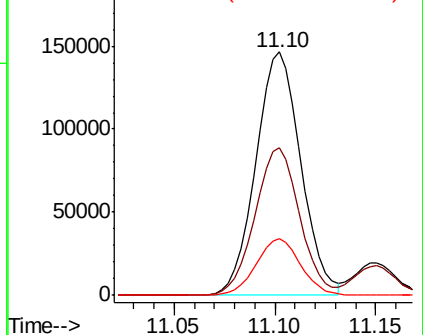
#83  
 tert-Butylbenzene  
 Concen: 50.901 ug/l  
 RT: 11.10 min Scan# 3088  
 Delta R.T. 0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0922WBL02

Tgt Ion:119 Resp: 228562  
 Ion Ratio Lower Upper  
 119 100  
 91 59.9 29.8 89.4  
 134 22.8 11.5 34.4

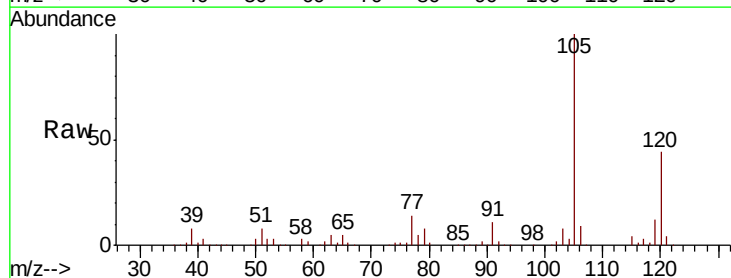


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): VU0  
 Ion 134.00 (133.70 to 134.70): V

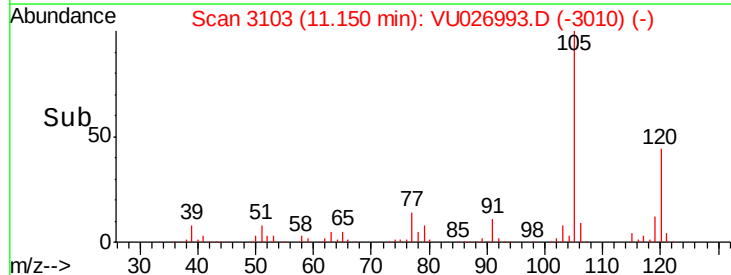
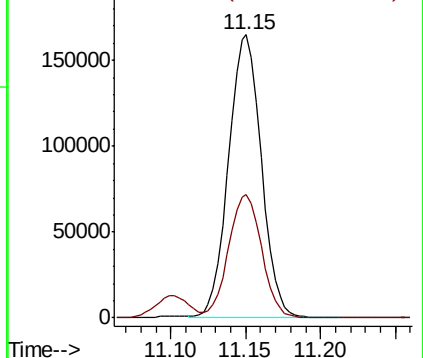


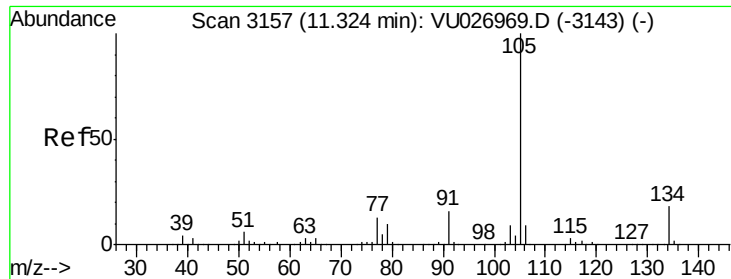
#84  
 1,2,4-Trimethylbenzene  
 Concen: 54.277 ug/l  
 RT: 11.15 min Scan# 3103  
 Delta R.T. 0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

Tgt Ion:105 Resp: 250876  
 Ion Ratio Lower Upper  
 105 100  
 120 44.2 22.4 67.2



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

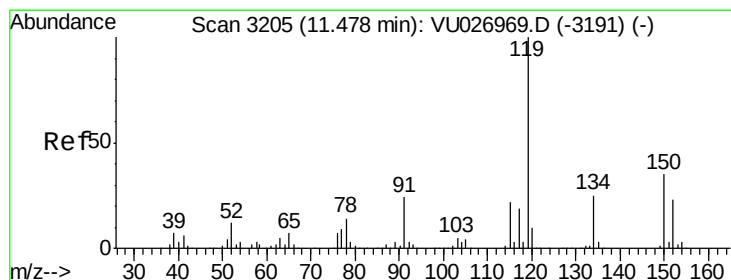
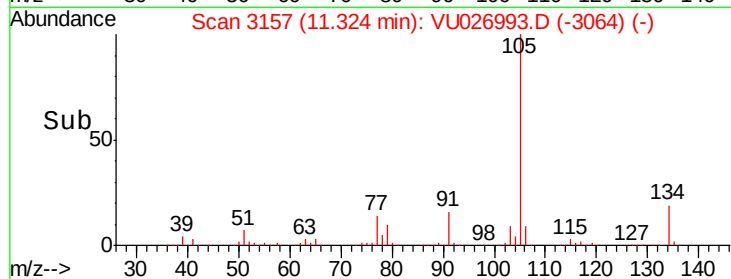
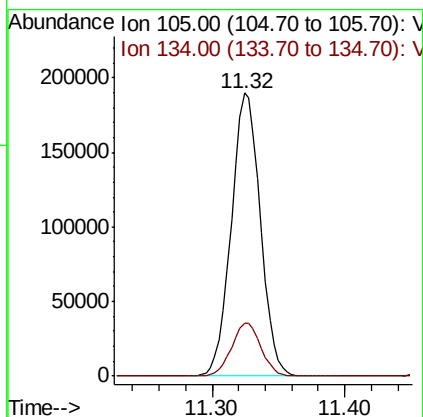
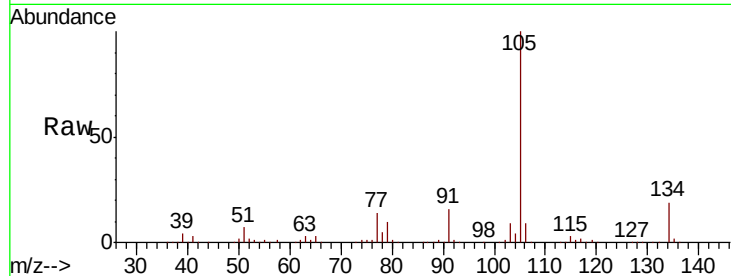




#85  
 sec-Butylbenzene  
 Concen: 52.575 ug/l  
 RT: 11.32 min Scan# 3157  
 Delta R.T. 0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

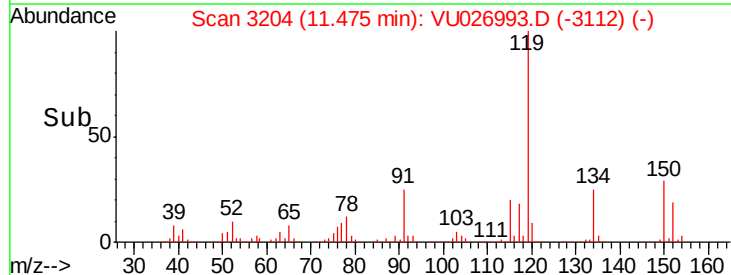
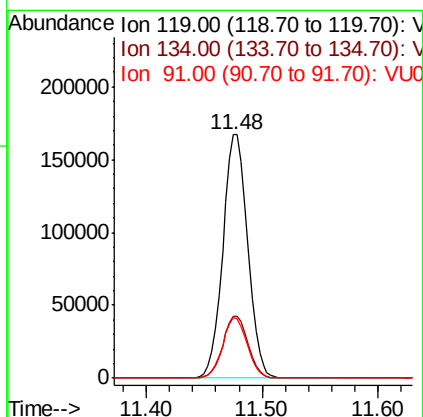
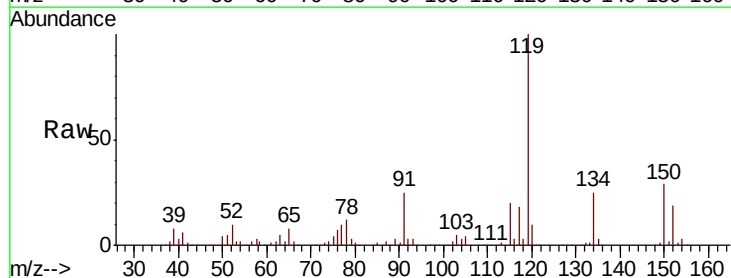
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0922WBL02

Tgt Ion:105 Resp: 288183  
 Ion Ratio Lower Upper  
 105 100  
 134 18.8 9.4 28.2

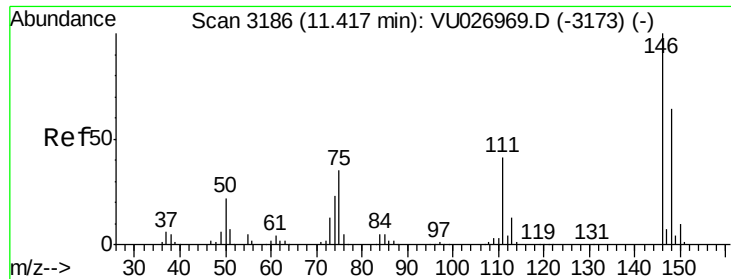


#86  
 p-Isopropyltoluene  
 Concen: 48.338 ug/l  
 RT: 11.48 min Scan# 3204  
 Delta R.T. -0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

Tgt Ion:119 Resp: 248456  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.8 38.3  
 91 24.8 12.3 36.8



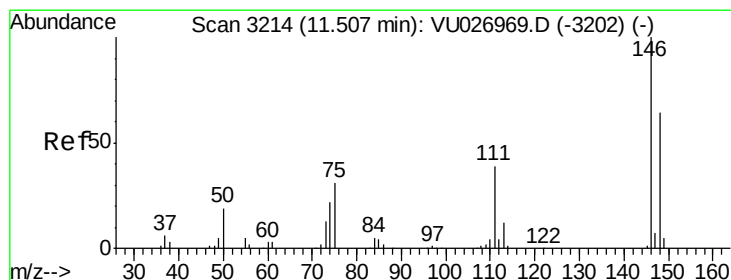
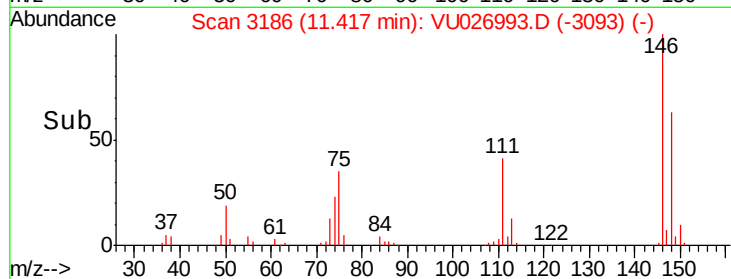
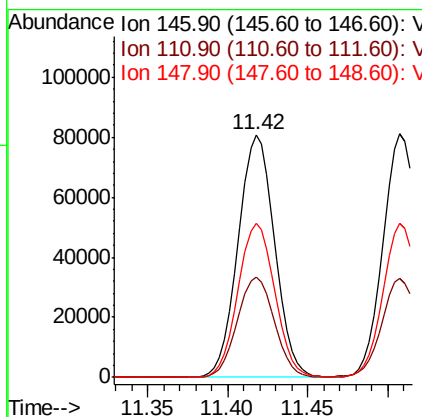
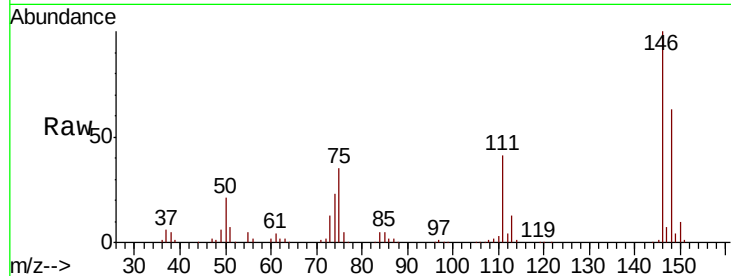




#87  
 1,3-Dichlorobenzene  
 Concen: 50.249 ug/l  
 RT: 11.42 min Scan# 3186  
 Delta R.T. 0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

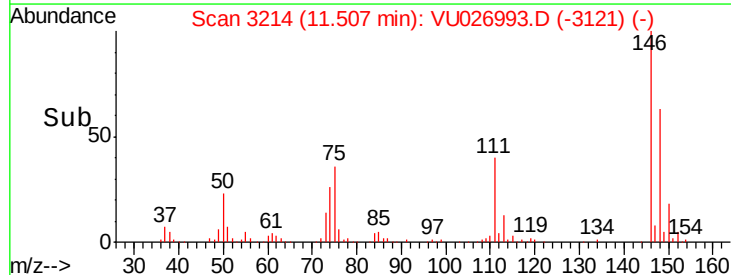
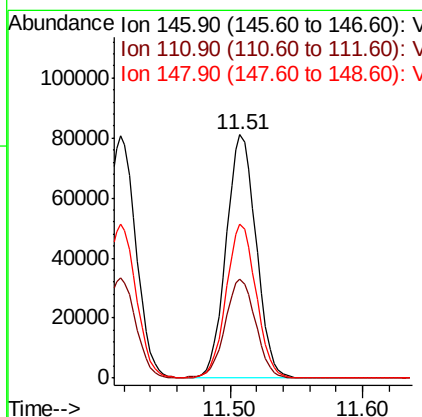
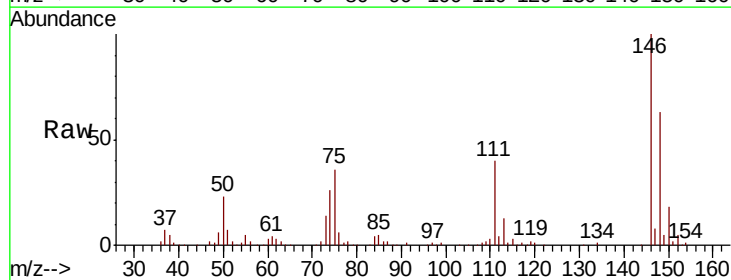
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0922WBL02

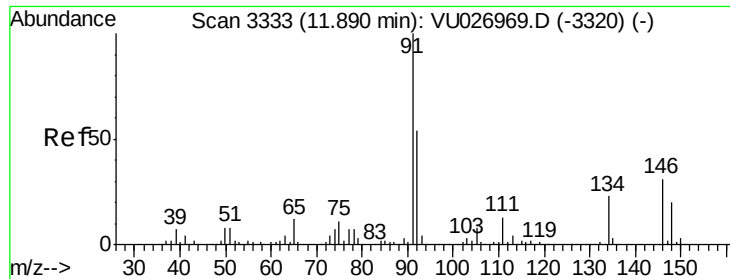
Tgt Ion:146 Resp: 125724  
 Ion Ratio Lower Upper  
 146 100  
 111 41.9 20.8 62.2  
 148 63.9 32.0 96.2



#88  
 1,4-Dichlorobenzene  
 Concen: 46.711 ug/l  
 RT: 11.51 min Scan# 3214  
 Delta R.T. 0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

Tgt Ion:146 Resp: 127375  
 Ion Ratio Lower Upper  
 146 100  
 111 41.4 20.3 60.9  
 148 63.1 31.9 95.9

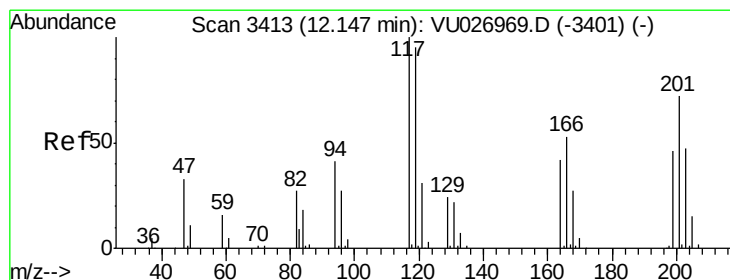
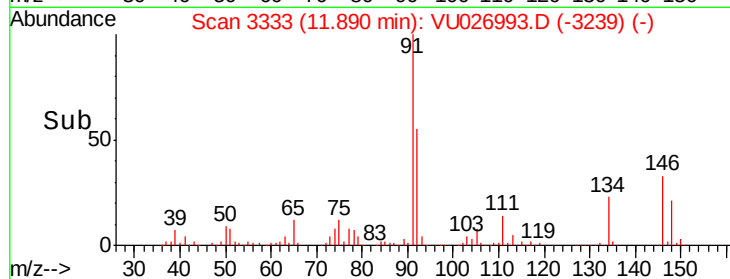
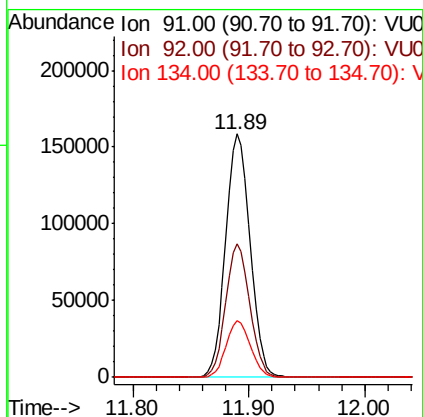
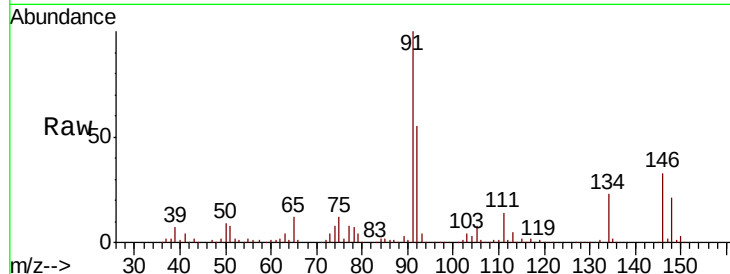




#89  
n-Butylbenzene  
Concen: 46.456 ug/l  
RT: 11.89 min Scan# 3333  
Delta R.T. 0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

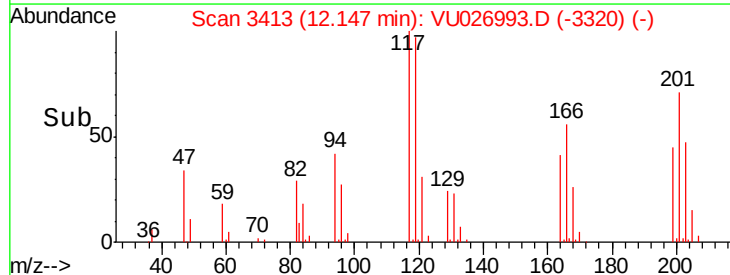
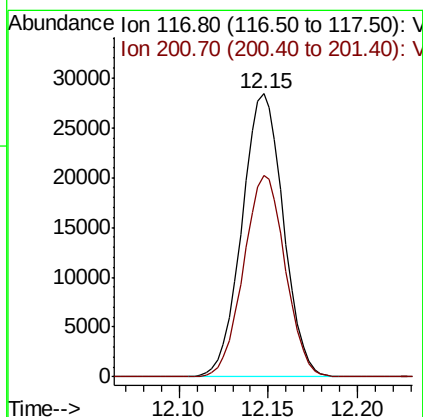
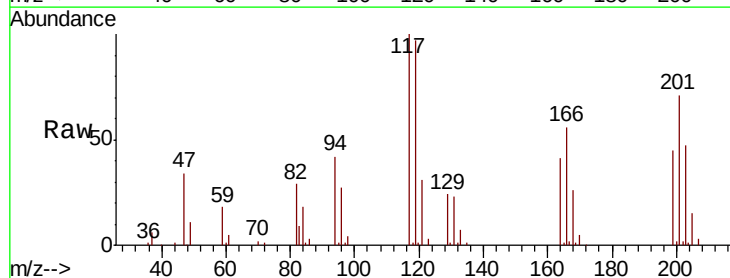
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0922WBL02

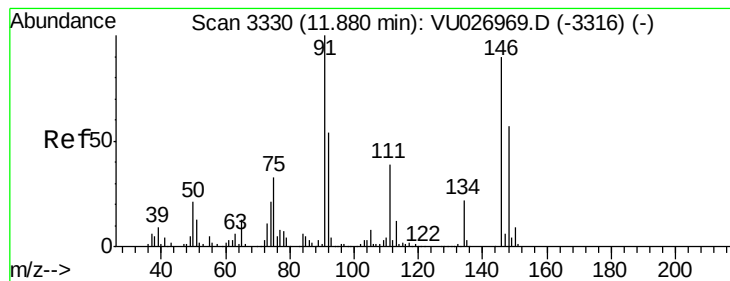
Tgt Ion: 91 Resp: 230732  
Ion Ratio Lower Upper  
91 100  
92 53.8 27.1 81.2  
134 23.0 11.7 35.0



#90  
Hexachloroethane  
Concen: 46.339 ug/l  
RT: 12.15 min Scan# 3413  
Delta R.T. 0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

Tgt Ion: 117 Resp: 46189  
Ion Ratio Lower Upper  
117 100  
201 71.4 36.8 110.3





#91

1,2-Dichlorobenzene

Concen: 47.844 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

Instrument :

MSVOA\_U

ClientSampleId :

VU0922WBL02

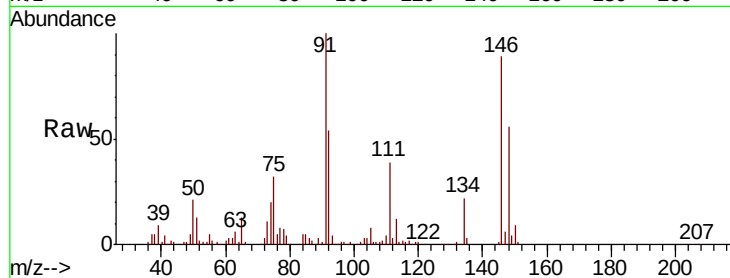
Tgt Ion:146 Resp: 127157

Ion Ratio Lower Upper

146 100

111 43.2 21.8 65.3

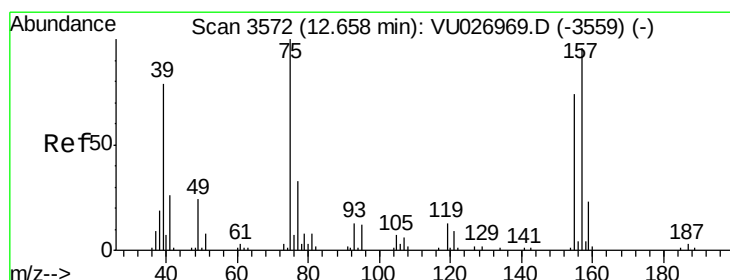
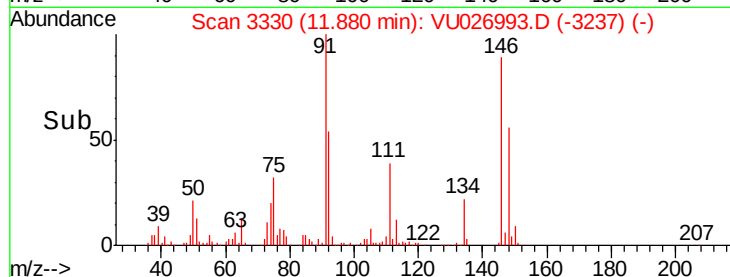
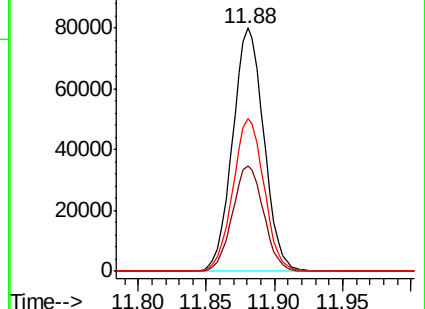
148 62.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.104 ug/l

RT: 12.66 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VU026993.D

Acq: 22 Sep 2018 03:24

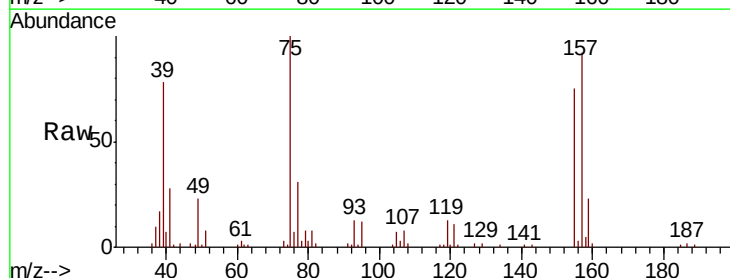
Tgt Ion: 75 Resp: 26373

Ion Ratio Lower Upper

75 100

155 74.5 36.6 109.8

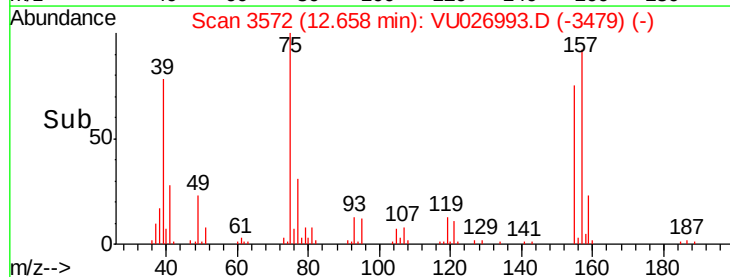
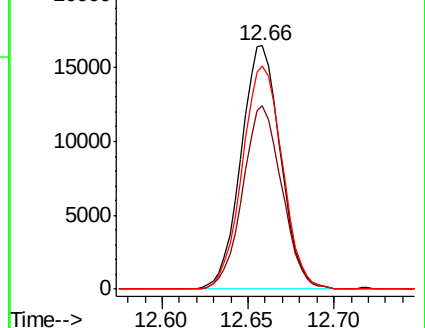
157 92.9 47.4 142.2

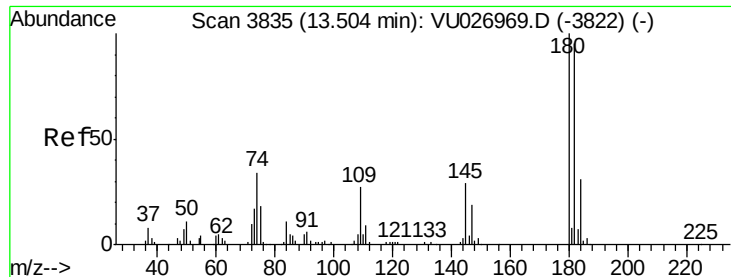


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

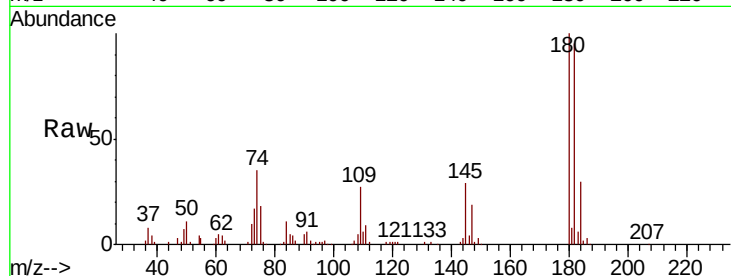




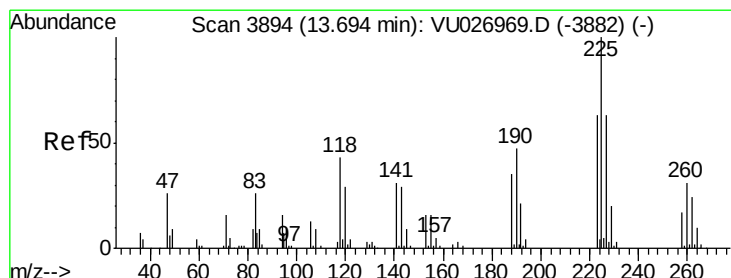
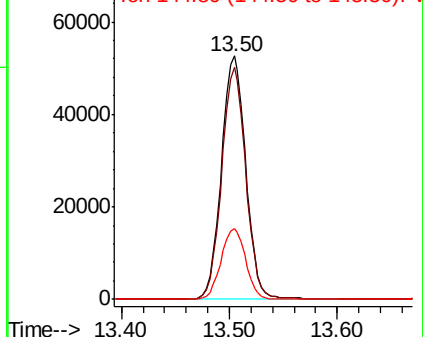
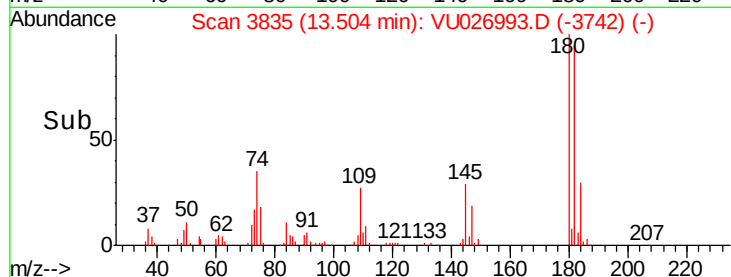
#93  
 1,2,4-Trichlorobenzene  
 Concen: 54.056 ug/l  
 RT: 13.50 min Scan# 3835  
 Delta R.T. 0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0922WBL02

Tgt Ion:180 Resp: 82790  
 Ion Ratio Lower Upper  
 180 100  
 182 94.0 47.4 142.2  
 145 29.3 14.9 44.5

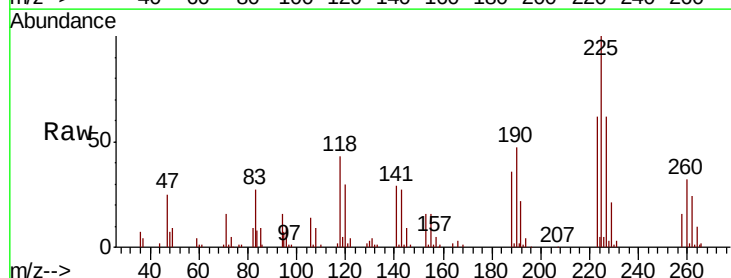


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

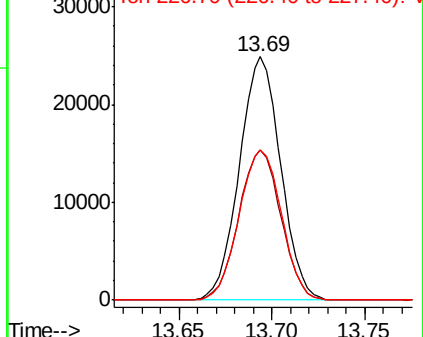
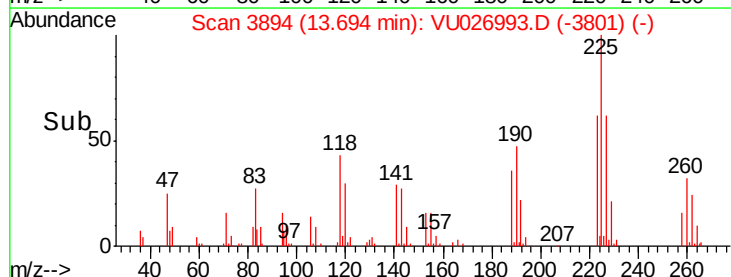


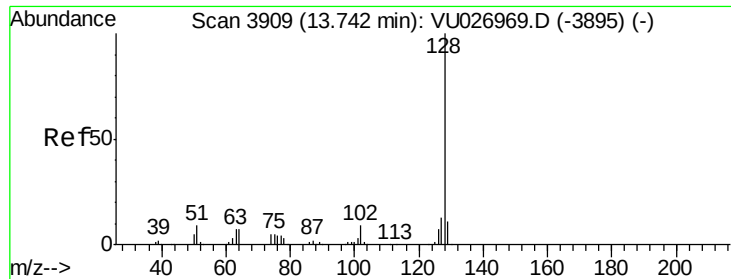
#94  
 Hexachlorobutadiene  
 Concen: 47.680 ug/l  
 RT: 13.69 min Scan# 3894  
 Delta R.T. 0.00 min  
 Lab File: VU026993.D  
 Acq: 22 Sep 2018 03:24

Tgt Ion:225 Resp: 38639  
 Ion Ratio Lower Upper  
 225 100  
 223 62.9 31.9 95.7  
 227 63.2 32.1 96.5



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

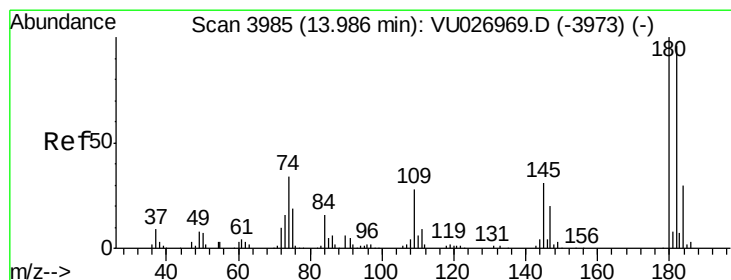
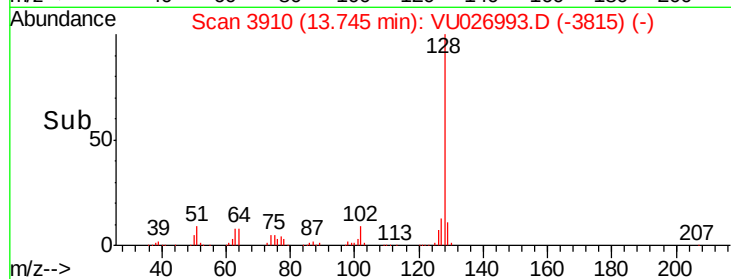
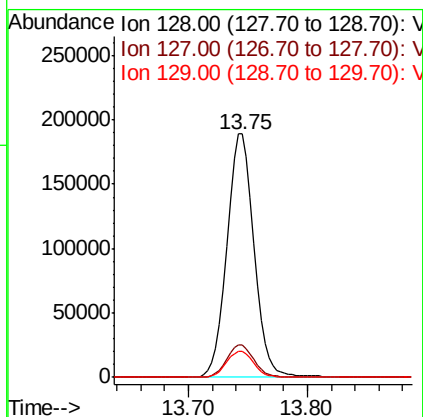
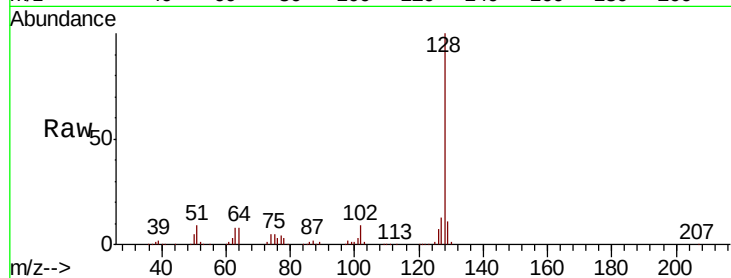




#95  
Naphthalene  
Concen: 49.986 ug/l  
RT: 13.75 min Scan# 3910  
Delta R.T. 0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0922WBL02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.4  | 10.6  | 15.8  |
| 129     | 10.9  | 8.6   | 12.8  |



#96  
1,2,3-Trichlorobenzene  
Concen: 53.185 ug/l  
RT: 13.99 min Scan# 3986  
Delta R.T. 0.00 min  
Lab File: VU026993.D  
Acq: 22 Sep 2018 03:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 47.5  | 142.5 |
| 145     | 31.5  | 15.4  | 46.4  |

