

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U010319\  
 Data File : VU029013.D  
 Acq On : 03 Jan 2019 21:38  
 Operator : MD/SY  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 04 07:52:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U010319W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 04 02:22:53 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.98  | 168  | 129148   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.88  | 114  | 219026   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 203745   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 100446   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 82740    | 51.83 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.66% |          |
| 35) Dibromofluoromethane    | 4.88  | 113  | 70104    | 49.38 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.76%  |          |
| 50) Toluene-d8              | 7.57  | 98   | 276303   | 49.29 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.58%  |          |
| 62) 4-Bromofluorobenzene    | 10.30 | 95   | 98573    | 48.93 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.86%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.21 | 85   | 64352    | 50.245  | ug/l  | 97     |
| 3) Chloromethane              | 1.33 | 50   | 102531   | 50.158  | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.40 | 62   | 95738    | 50.724  | ug/l  | 99     |
| 5) Bromomethane               | 1.61 | 94   | 56624    | 58.893  | ug/l  | 97     |
| 6) Chloroethane               | 1.68 | 64   | 55673    | 49.521  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 1.88 | 101  | 101178   | 49.195  | ug/l  | 98     |
| 8) Diethyl Ether              | 2.10 | 74   | 48295    | 48.878  | ug/l  | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.28 | 101  | 67246    | 48.867  | ug/l  | 98     |
| 10) Methyl Iodide             | 2.41 | 142  | 75249    | 58.156  | ug/l  | 100    |
| 11) Tert butyl alcohol        | 2.84 | 59   | 105997   | 261.197 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.28 | 96   | 67887    | 50.683  | ug/l  | 99     |
| 13) Acrolein                  | 2.19 | 56   | 72936    | 239.353 | ug/l  | 100    |
| 14) Allyl chloride            | 2.59 | 41   | 129863   | 52.840  | ug/l  | 99     |
| 15) Acrylonitrile             | 2.94 | 53   | 262618   | 263.779 | ug/l  | 100    |
| 16) Acetone                   | 2.32 | 43   | 203505   | 202.342 | ug/l  | 100    |
| 17) Carbon Disulfide          | 2.47 | 76   | 221028   | 49.830  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.62 | 43   | 122457   | 52.365  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 3.00 | 73   | 238074   | 50.556  | ug/l  | 99     |
| 20) Methylene Chloride        | 2.70 | 84   | 83218    | 48.734  | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 2.98 | 96   | 75630    | 48.599  | ug/l  | 96     |
| 22) Diisopropyl ether         | 3.57 | 45   | 253611   | 52.213  | ug/l  | 99     |
| 23) Vinyl Acetate             | 3.52 | 43   | 1062516  | 267.580 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.44 | 63   | 144112   | 51.396  | ug/l  | 99     |
| 25) 2-Butanone                | 4.26 | 43   | 345649   | 254.452 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 4.22 | 77   | 104204   | 45.993  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 4.22 | 96   | 87397    | 51.348  | ug/l  | 99     |
| 28) Bromochloromethane        | 4.55 | 49   | 62497    | 52.053  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 4.64 | 42   | 224322   | 272.270 | ug/l  | 99     |
| 30) Chloroform                | 4.67 | 83   | 135438   | 50.712  | ug/l  | 98     |
| 31) Cyclohexane               | 4.99 | 56   | 135419   | 51.188  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 4.91 | 97   | 112654   | 51.049  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.13 | 75   | 103758   | 47.394  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.38 | 43   | 123972   | 51.589  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.13 | 117  | 90809    | 49.732  | ug/l  | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010319\  
 Data File : VU029013.D  
 Acq On : 03 Jan 2019 21:38  
 Operator : MD/SY  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 04 07:52:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U010319W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 04 02:22:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 6.41  | 83   | 130326   | 48.423   | ug/l   | 97       |
| 40) Benzene                    | 5.39  | 78   | 334156   | 48.933   | ug/l   | 100      |
| 41) Methacrylonitrile          | 4.54  | 41   | 68536    | 53.280   | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 5.40  | 62   | 102438   | 49.921   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 5.55  | 43   | 193087   | 52.380   | ug/l   | 100      |
| 44) Trichloroethene            | 6.18  | 130  | 79772    | 47.146   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 6.43  | 63   | 89995    | 49.904   | ug/l   | 98       |
| 46) Dibromomethane             | 6.56  | 93   | 57326    | 49.726   | ug/l   | 100      |
| 47) Bromodichloromethane       | 6.76  | 83   | 105618   | 49.760   | ug/l   | 99       |
| 48) Methyl methacrylate        | 6.62  | 41   | 97328    | 54.223   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 6.61  | 88   | 45895    | 1078.928 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone       | 7.46  | 43   | 649245   | 258.793  | ug/l   | 100      |
| 52) Toluene                    | 7.64  | 92   | 204426   | 49.173   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 7.88  | 75   | 123208   | 48.321   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 7.27  | 75   | 135758   | 49.274   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 8.06  | 97   | 83691    | 50.251   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 8.02  | 69   | 133967   | 52.212   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 8.24  | 76   | 141899   | 49.793   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.12  | 63   | 314925   | 279.090  | ug/l   | 99       |
| 59) 2-Hexanone                 | 8.36  | 43   | 503795   | 255.828  | ug/l   | 100      |
| 60) Dibromochloromethane       | 8.48  | 129  | 80891    | 49.025   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 8.58  | 107  | 89844    | 49.740   | ug/l   | 100      |
| 64) Tetrachloroethene          | 8.22  | 164  | 70991    | 48.369   | ug/l   | 99       |
| 65) Chlorobenzene              | 9.12  | 112  | 218857   | 47.921   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.21  | 131  | 74726    | 50.419   | ug/l   | 98       |
| 67) Ethyl Benzene              | 9.25  | 91   | 380019   | 49.839   | ug/l   | 100      |
| 68) m/p-Xylenes                | 9.37  | 106  | 296266   | 100.001  | ug/l   | 99       |
| 69) o-Xylene                   | 9.78  | 106  | 145272   | 50.890   | ug/l   | 99       |
| 70) Styrene                    | 9.79  | 104  | 238852   | 51.040   | ug/l   | 100      |
| 71) Bromoform                  | 9.96  | 173  | 66440    | 50.346   | ug/l # | 98       |
| 73) Isopropylbenzene           | 10.16 | 105  | 373025   | 50.173   | ug/l   | 100      |
| 74) N-amyl acetate             | 10.01 | 43   | 173492   | 54.153   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.46 | 83   | 147011   | 49.337   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 10.49 | 75   | 169981   | 69.068   | ug/l   | 82       |
| 77) Bromobenzene               | 10.45 | 156  | 96382    | 49.746   | ug/l   | 99       |
| 78) n-propylbenzene            | 10.58 | 91   | 444923   | 50.780   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 10.66 | 91   | 259902   | 48.900   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 10.77 | 105  | 312377   | 50.313   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 10.49 | 75   | 169981   | 178.129  | ug/l # | 100      |
| 82) 4-Chlorotoluene            | 10.77 | 91   | 297982   | 48.894   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.10 | 119  | 304361   | 49.737   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.15 | 105  | 318848   | 51.438   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.32 | 105  | 375877   | 50.789   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 11.48 | 119  | 320084   | 50.756   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 11.41 | 146  | 171925   | 48.378   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 11.50 | 146  | 171343   | 46.709   | ug/l   | 99       |
| 89) n-Butylbenzene             | 11.89 | 91   | 289588   | 51.449   | ug/l   | 99       |
| 90) Hexachloroethane           | 12.14 | 117  | 52902    | 49.865   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 11.88 | 146  | 171588   | 47.936   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.65 | 75   | 30247    | 52.777   | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010319\  
Data File : VU029013.D  
Acq On : 03 Jan 2019 21:38  
Operator : MD/SY  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Jan 04 07:52:06 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U010319W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 04 02:22:53 2019  
Response via : Initial Calibration

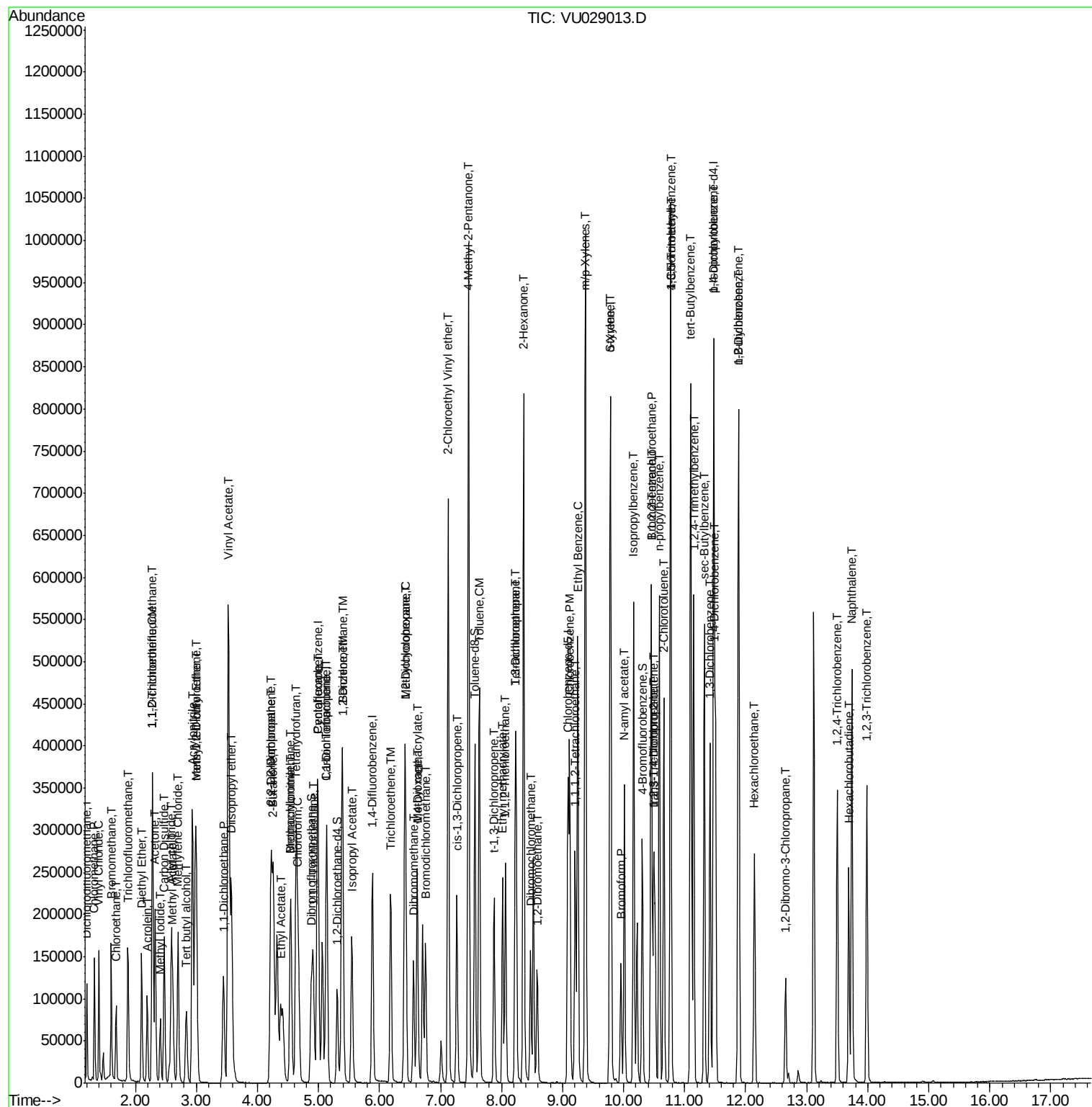
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.50 | 180  | 111817   | 48.936 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.69 | 225  | 49967    | 47.809 | ug/l  | 99       |
| 95) Naphthalene            | 13.74 | 128  | 395431   | 50.873 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180  | 117909   | 50.124 | ug/l  | 99       |

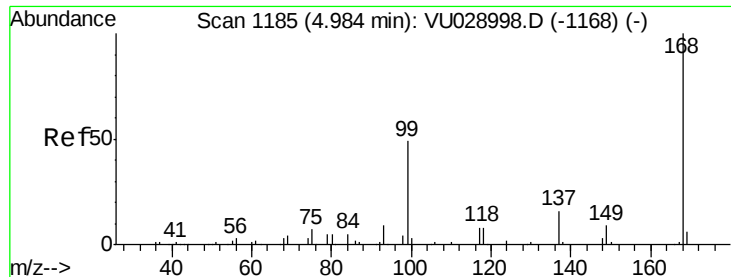
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU010319\  
Data File : VU029013.D  
Acq On : 03 Jan 2019 21:38  
Operator : MD/SY  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Jan 04 07:52:06 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\82U010319W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 04 02:22:53 2019  
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: VU029013.D

Acq: 03 Jan 2019 21:38

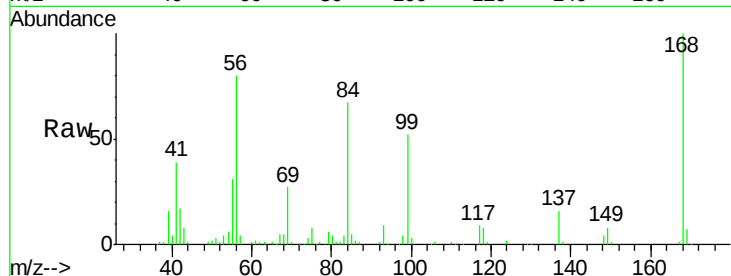
Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion:168 Resp: 129148

Ion Ratio Lower Upper

168 100

99 51.9 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

60000

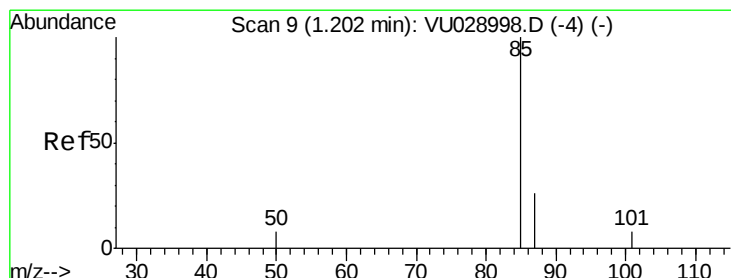
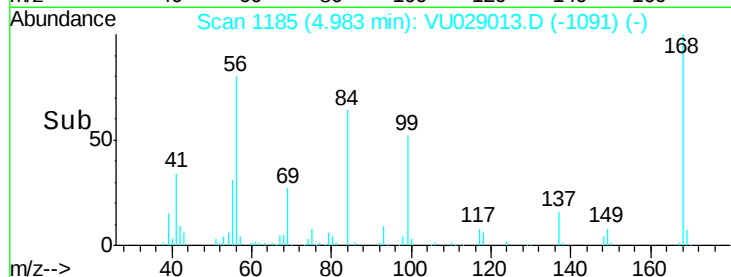
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 50.245 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU029013.D

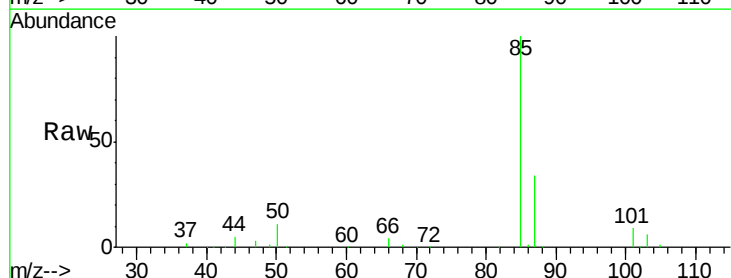
Acq: 03 Jan 2019 21:38

Tgt Ion: 85 Resp: 64352

Ion Ratio Lower Upper

85 100

87 34.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VU028998.D (-4) (-)

Ion 86.90 (86.60 to 87.60): VU028998.D (-4) (-)

1.21

60000

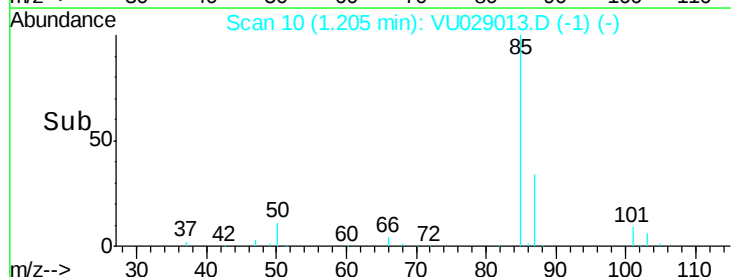
40000

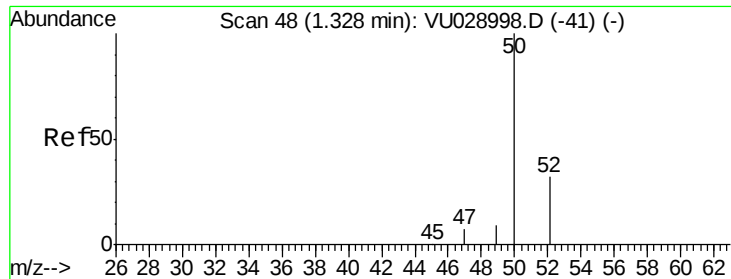
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 50.158 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

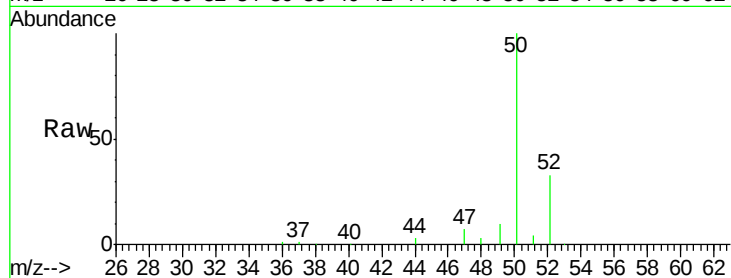
Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 50 Resp: 102531

Ion Ratio Lower Upper

50 100

52 33.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VU028998.D (-41) (-)

Ion 51.90 (51.60 to 52.60): VU029013.D (-1) (-)

1.33

100000

80000

60000

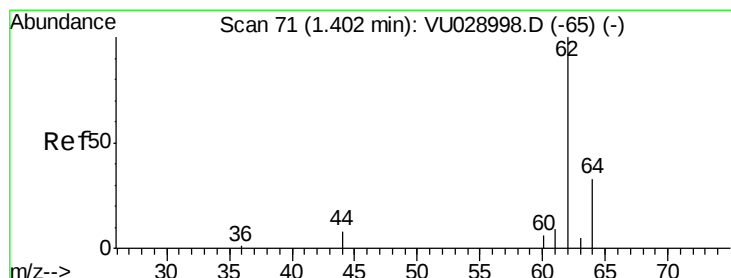
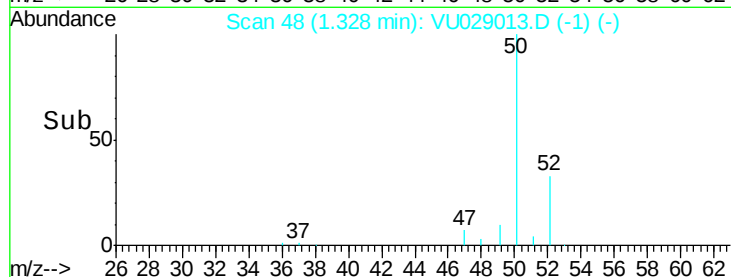
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 50.724 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU029013.D

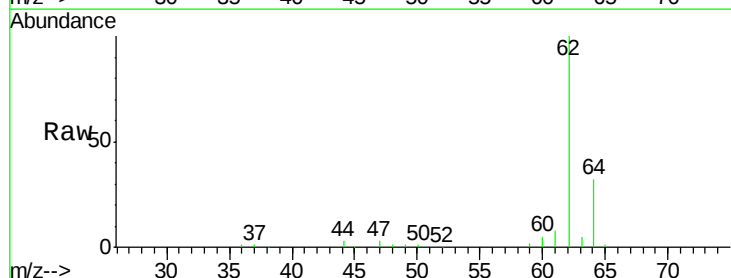
Acq: 03 Jan 2019 21:38

Tgt Ion: 62 Resp: 95738

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VU028998.D (-65) (-)

Ion 63.90 (63.60 to 64.60): VU029013.D (-1) (-)

1.40

100000

80000

60000

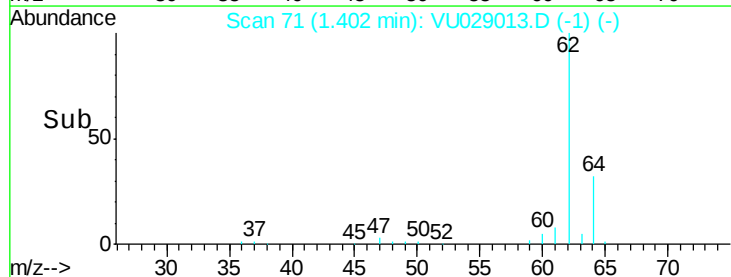
40000

20000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 58.893 ug/l

RT: 1.61 min Scan# 135

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

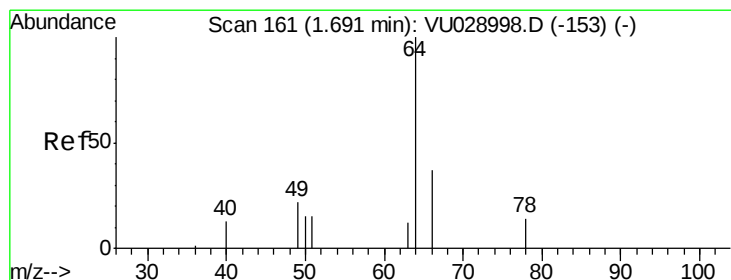
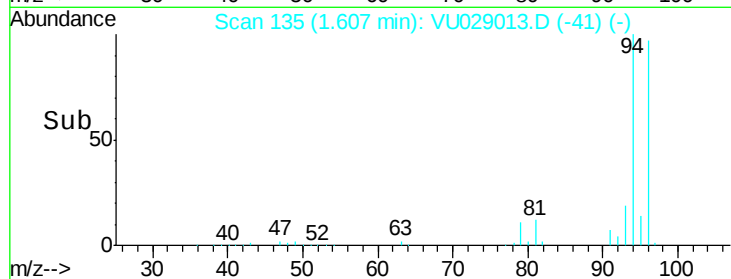
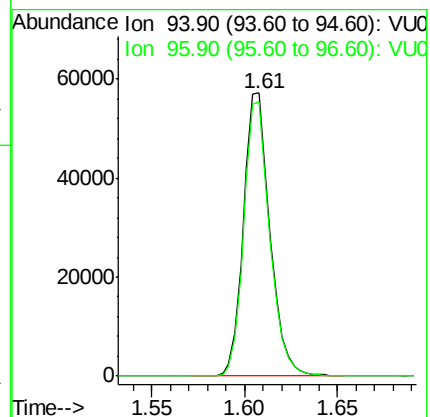
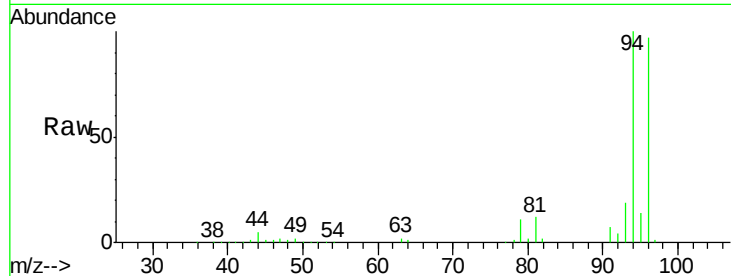
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 94 Resp: 56624

Ion Ratio Lower Upper

94 100

96 96.9 75.5 113.3



#6

Chloroethane

Concen: 49.521 ug/l

RT: 1.68 min Scan# 159

Delta R.T. 0.00 min

Lab File: VU029013.D

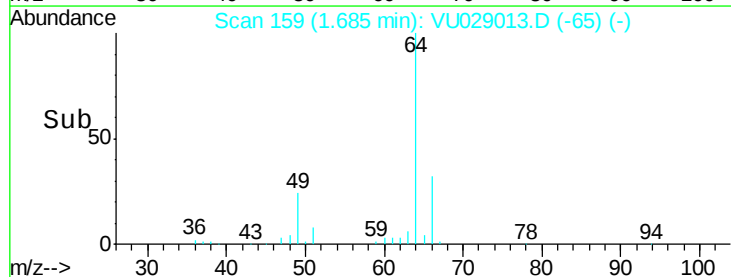
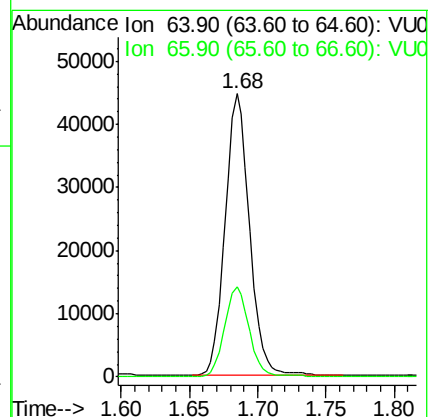
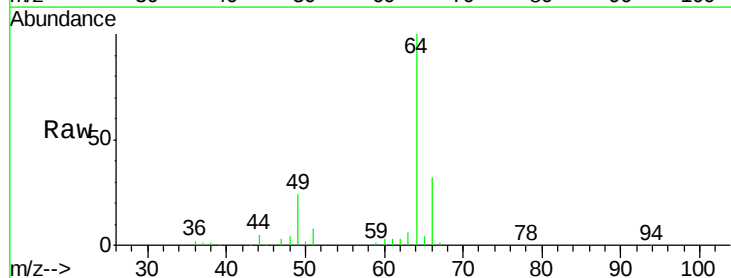
Acq: 03 Jan 2019 21:38

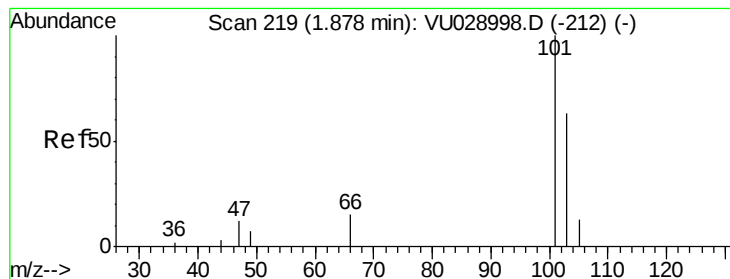
Tgt Ion: 64 Resp: 55673

Ion Ratio Lower Upper

64 100

66 31.8 25.2 37.8



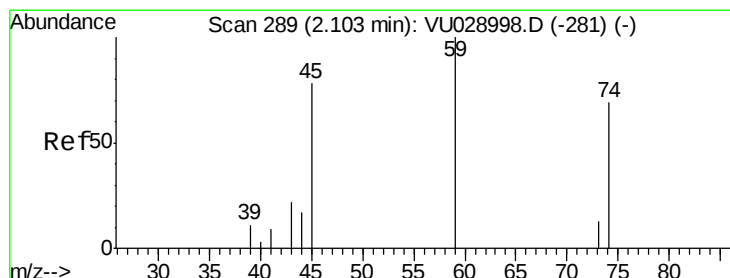
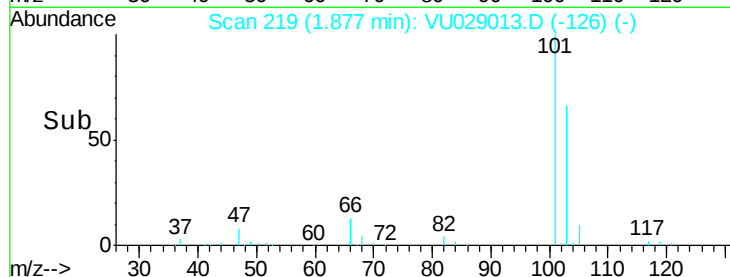
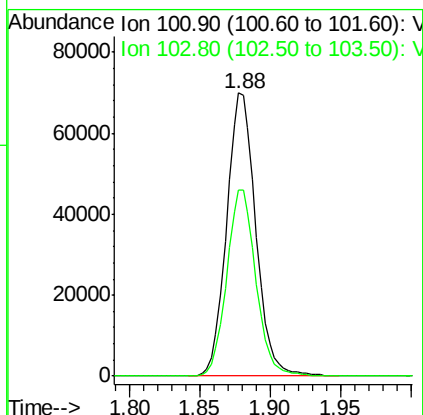
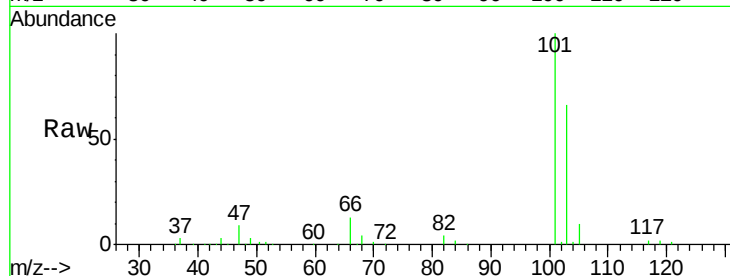


#7

Trichlorofluoromethane  
 Concen: 49.195 ug/l  
 RT: 1.88 min Scan# 219  
 Delta R.T. -0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

Instrument :  
 MSVOA\_U  
 ClientSampleId :

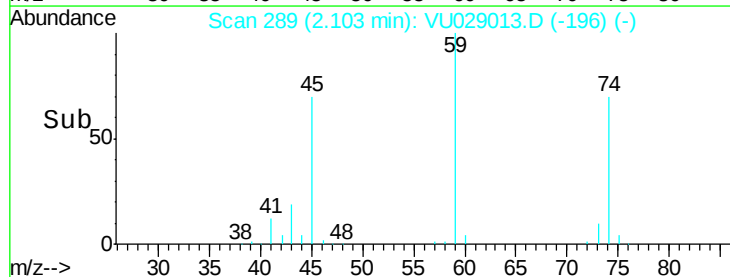
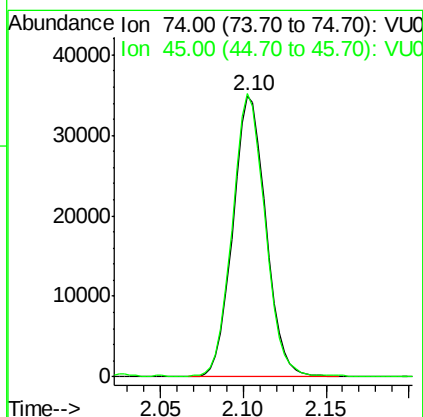
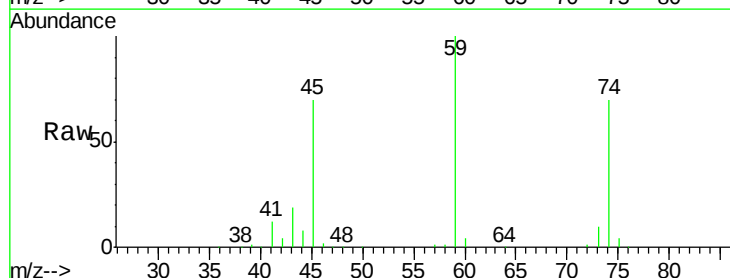
Tot Ion:101 Resp: 101178  
 Ion Ratio Lower Upper  
 101 100  
 103 65.7 51.5 77.3

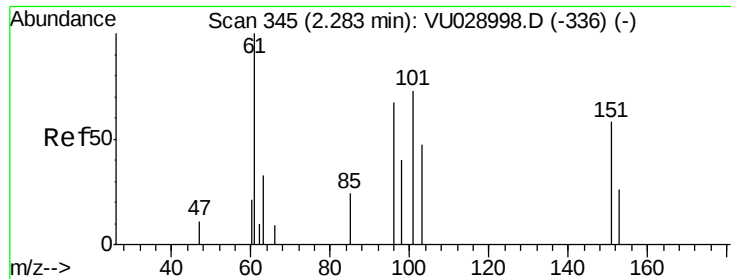


#8

Diethyl Ether  
 Concen: 48.878 ug/l  
 RT: 2.10 min Scan# 289  
 Delta R.T. -0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

Tgt Ion: 74 Resp: 48295  
 Ion Ratio Lower Upper  
 74 100  
 45 100.4 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.867 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA\_U

ClientSampleId :

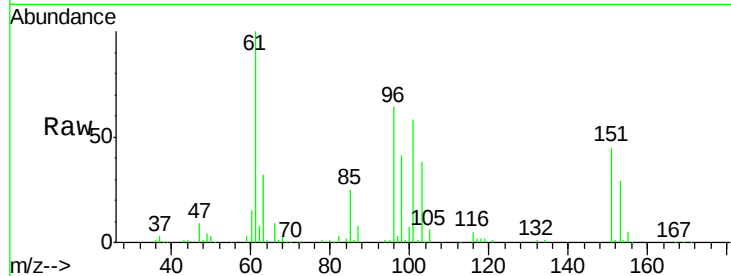
Tot Ion:101 Resp: 67246

Ion Ratio Lower Upper

101 100

85 42.4 35.1 52.7

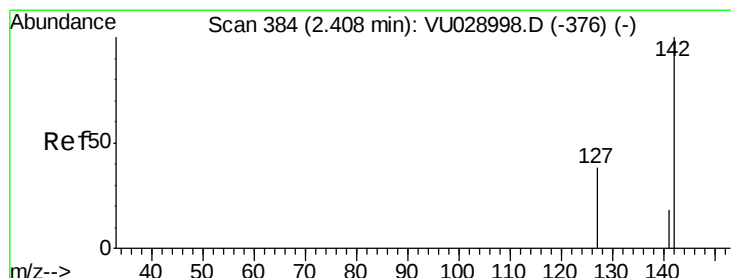
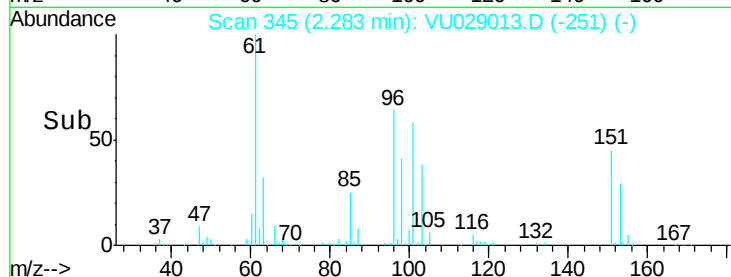
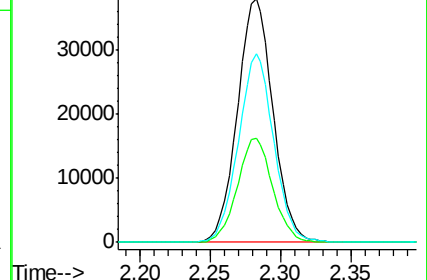
151 76.5 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 58.156 ug/l

RT: 2.41 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

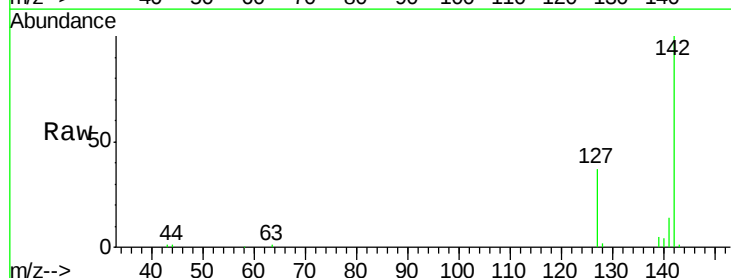
Tgt Ion:142 Resp: 75249

Ion Ratio Lower Upper

142 100

127 37.3 29.8 44.6

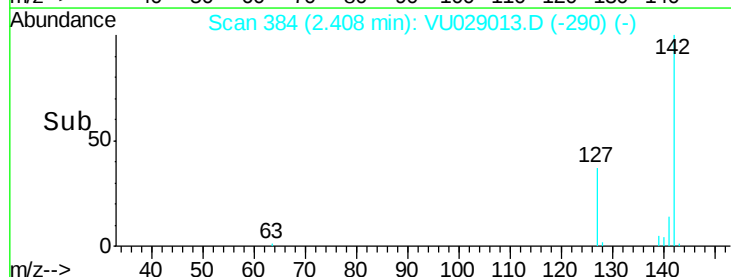
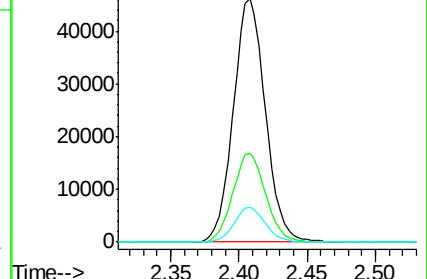
141 13.9 11.5 17.3

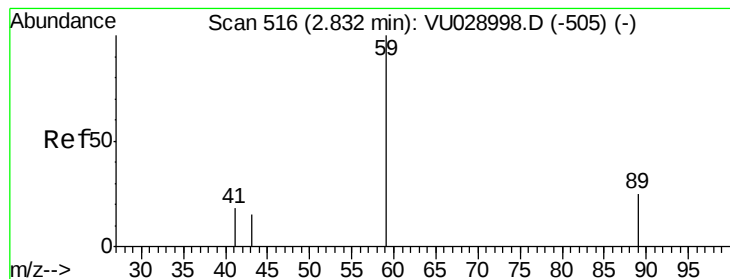


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



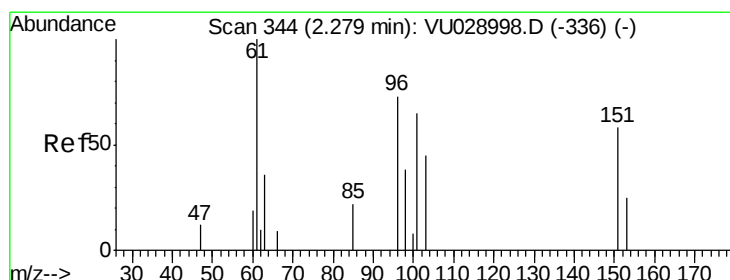
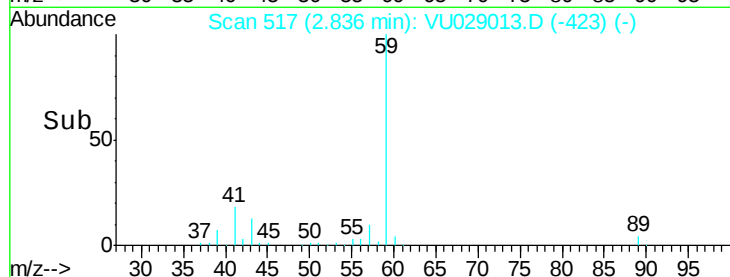
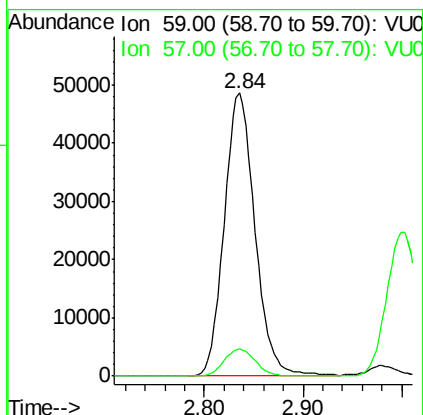
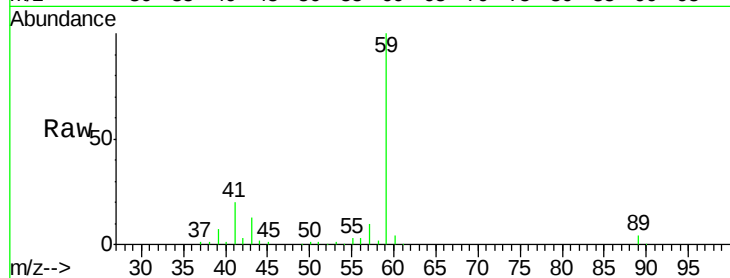


#11

Tert butyl alcohol  
Concen: 261.197 ug/l  
RT: 2.84 min Scan# 517  
Delta R.T. 0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Instrument :  
MSVOA\_U  
ClientSampled :

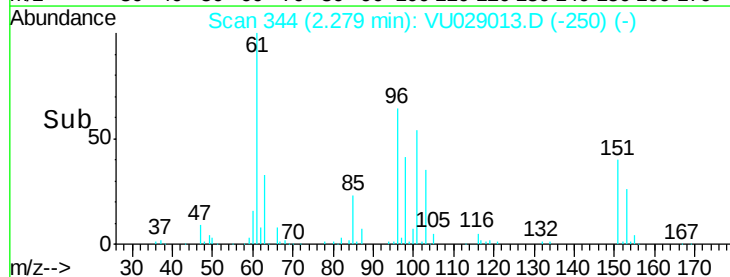
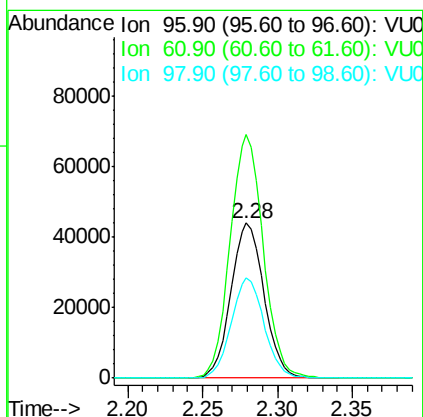
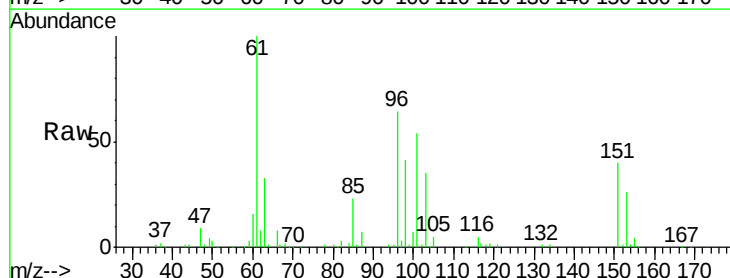
Tot Ion: 59 Resp: 105997  
Ion Ratio Lower Upper  
59 100  
57 9.6 7.9 11.9

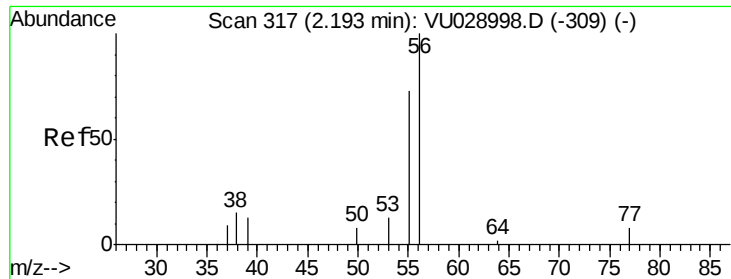


#12

1,1-Dichloroethene  
Concen: 50.683 ug/l  
RT: 2.28 min Scan# 344  
Delta R.T. 0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Tgt Ion: 96 Resp: 67887  
Ion Ratio Lower Upper  
96 100  
61 157.0 125.4 188.0  
98 64.3 49.7 74.5

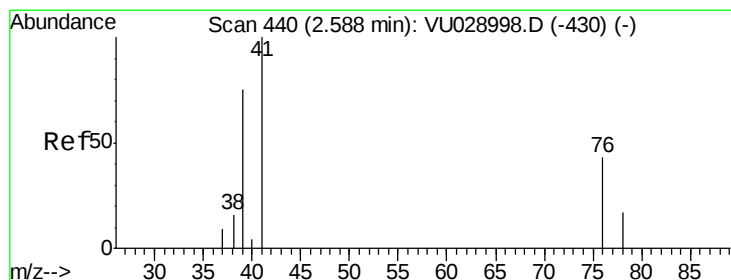
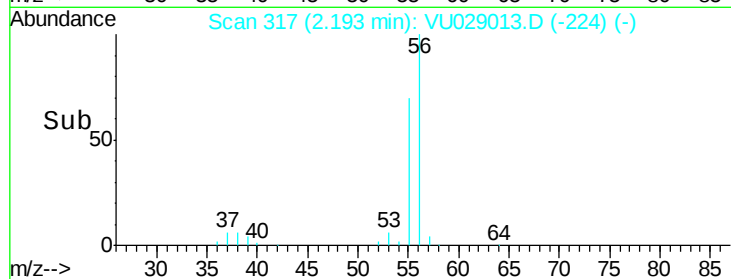
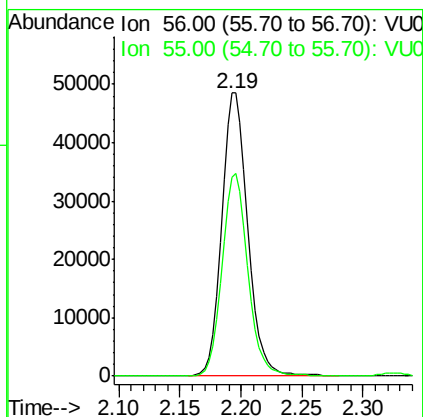
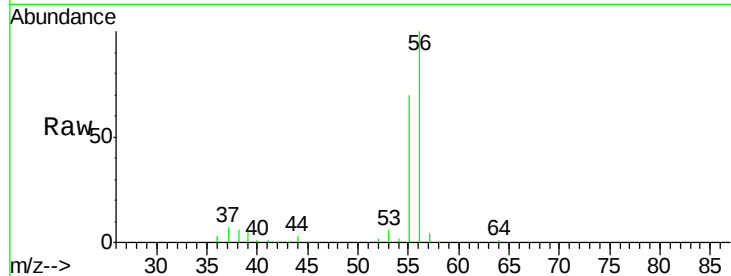




#13  
 Acrolein  
 Concen: 239.353 ug/l  
 RT: 2.19 min Scan# 317  
 Delta R.T. -0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

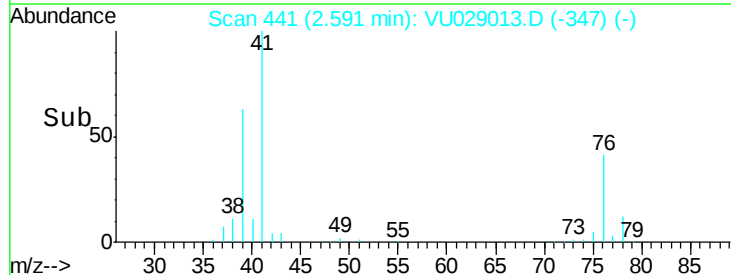
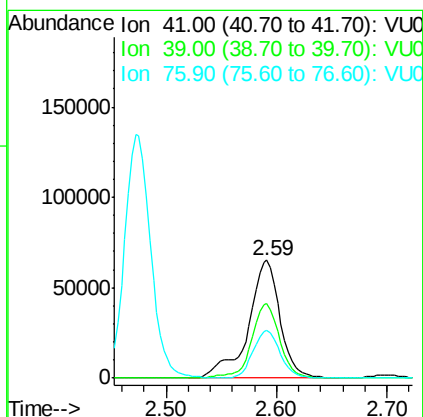
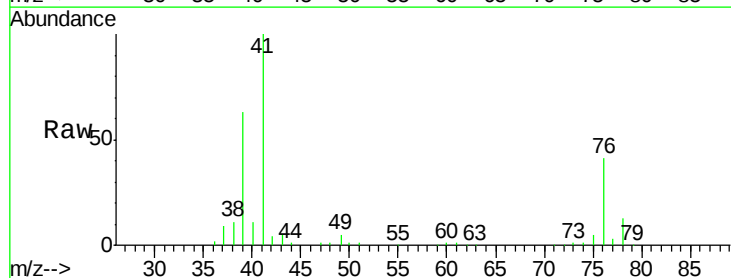
Instrument :  
 MSVOA\_U  
 ClientSampled :

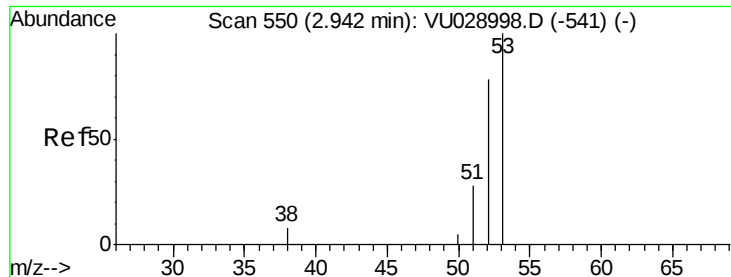
Tot Ion: 56 Resp: 72936  
 Ion Ratio Lower Upper  
 56 100  
 55 70.8 56.5 84.7



#14  
 Allyl chloride  
 Concen: 52.840 ug/l  
 RT: 2.59 min Scan# 441  
 Delta R.T. 0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

Tgt Ion: 41 Resp: 129863  
 Ion Ratio Lower Upper  
 41 100  
 39 56.0 45.0 67.6  
 76 34.6 28.1 42.1





#15

Acrylonitrile

Concen: 263.779 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :  
MSVOA\_U  
ClientSampleId :

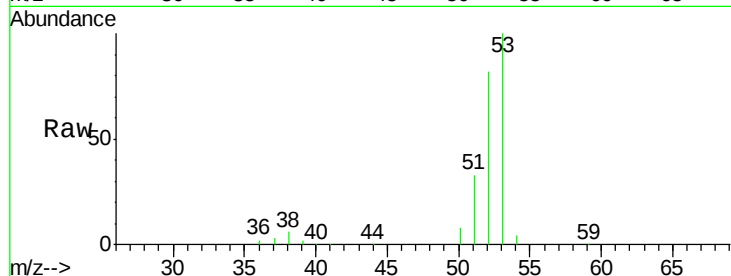
Tot Ion: 53 Resp: 262618

Ion Ratio Lower Upper

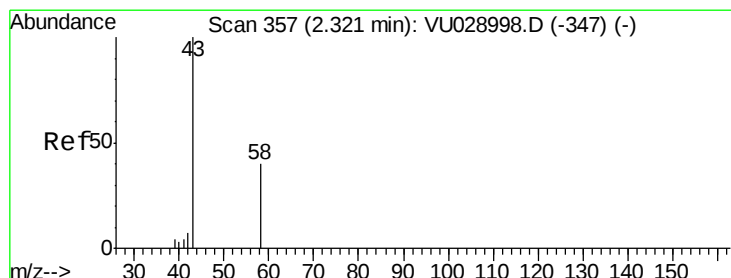
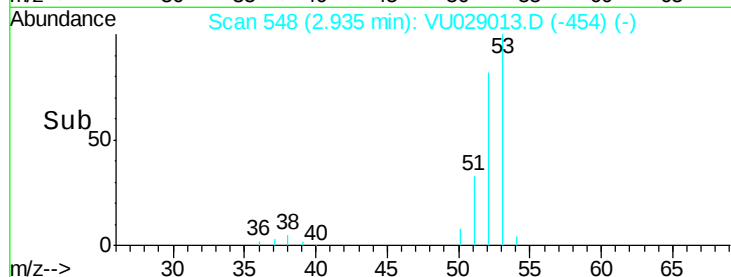
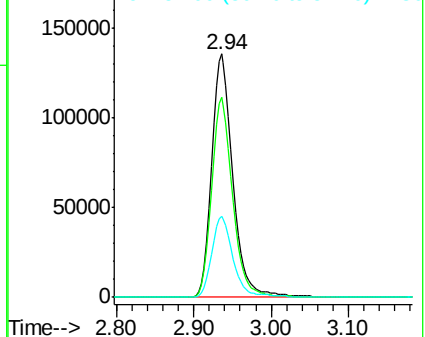
53 100

52 81.3 64.8 97.2

51 33.8 27.3 40.9



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: 202.342 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU029013.D

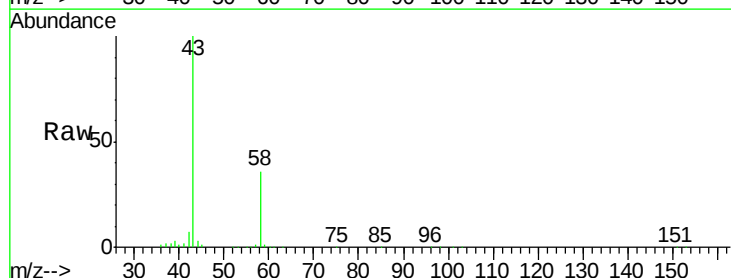
Acq: 03 Jan 2019 21:38

Tgt Ion: 43 Resp: 203505

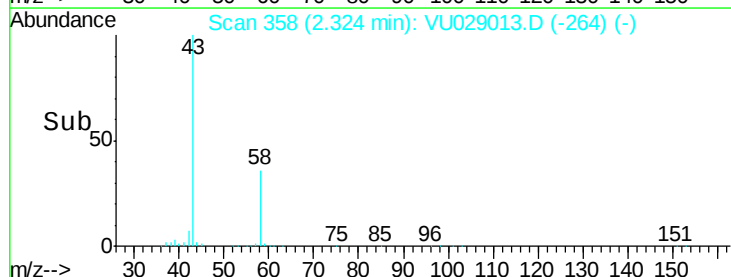
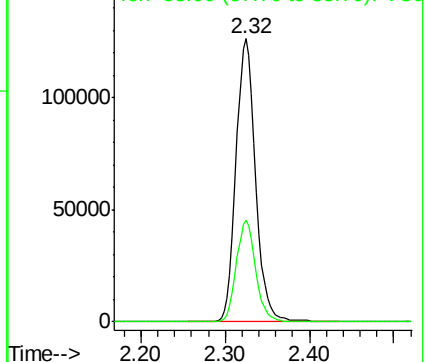
Ion Ratio Lower Upper

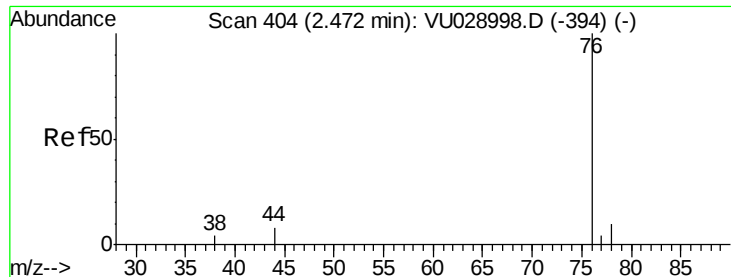
43 100

58 36.0 28.6 42.8



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





#17

Carbon Disulfide

Concen: 49.830 ug/l

RT: 2.47 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

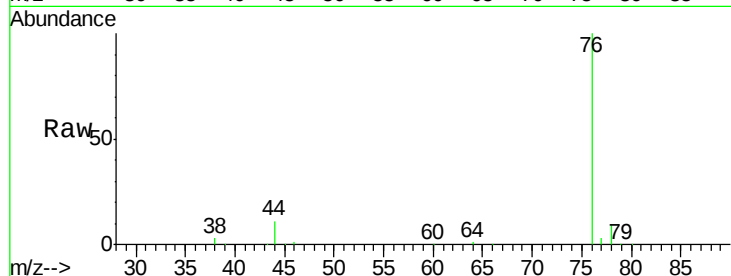
Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 76 Resp: 221028

Ion Ratio Lower Upper

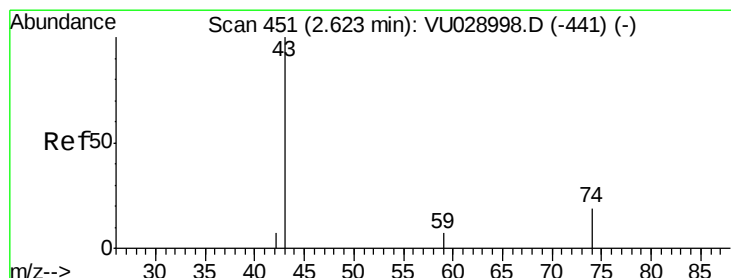
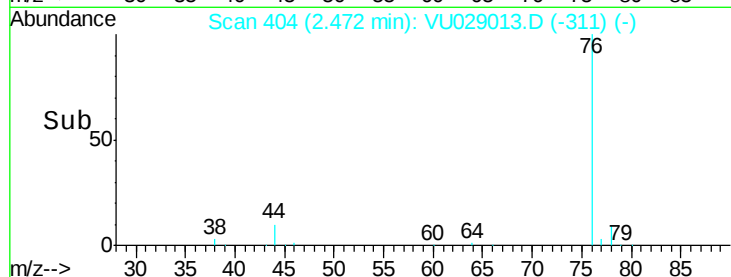
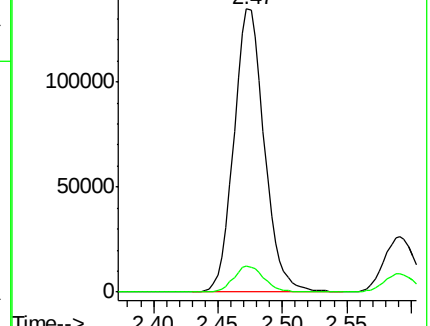
76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VU029013.D (-311) (-)

Ion 77.90 (77.60 to 78.60): VU029013.D (-311) (-)



#18

Methyl Acetate

Concen: 52.365 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU029013.D

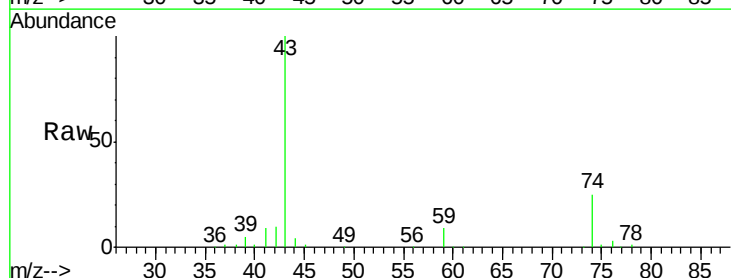
Acq: 03 Jan 2019 21:38

Tgt Ion: 43 Resp: 122457

Ion Ratio Lower Upper

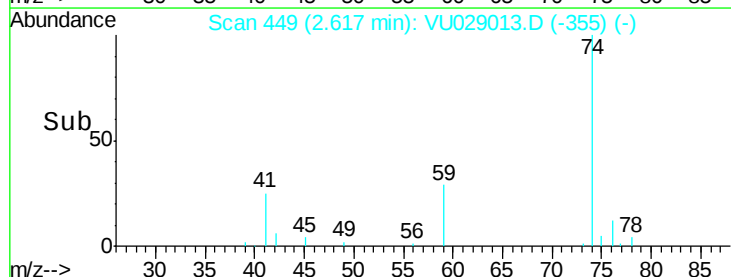
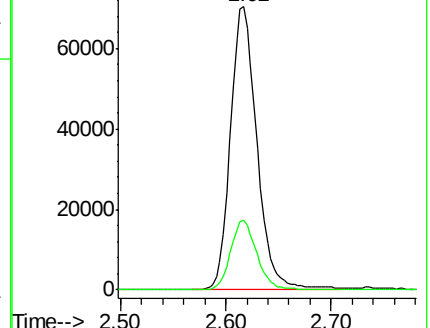
43 100

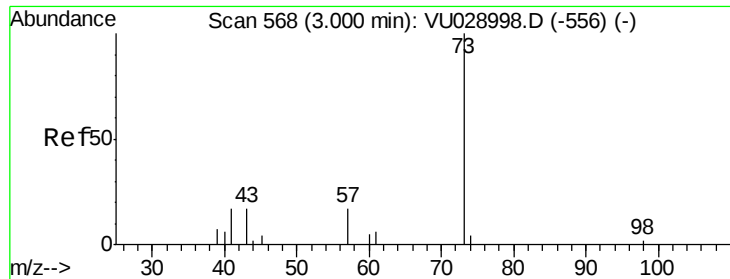
74 24.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VU029013.D (-355) (-)

Ion 74.00 (73.70 to 74.70): VU029013.D (-355) (-)

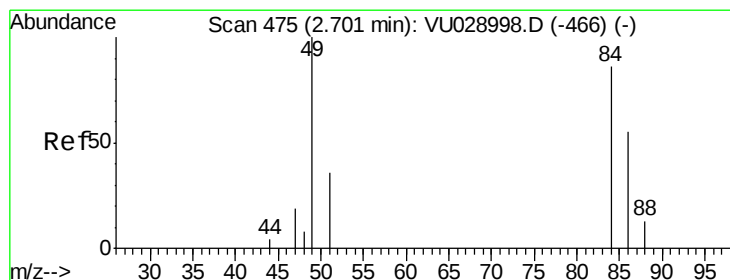
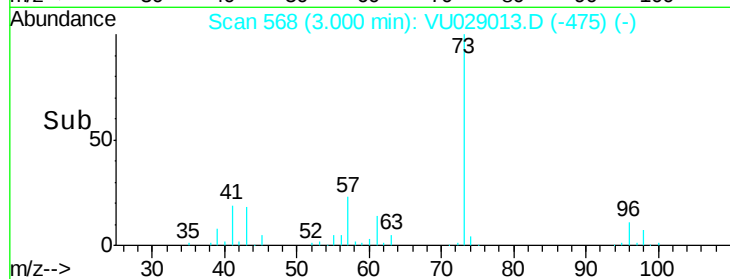
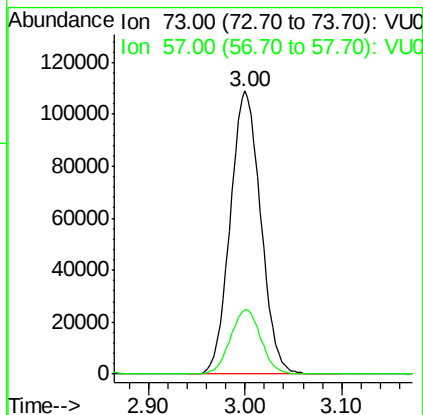
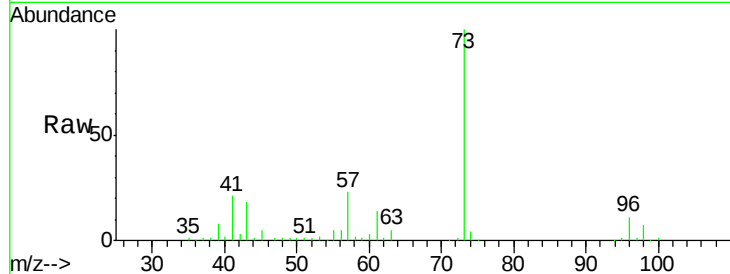




#19  
Methvl tert-butvl Ether  
Concen: 50.556 ug/l  
RT: 3.00 min Scan# 568  
Delta R.T. -0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

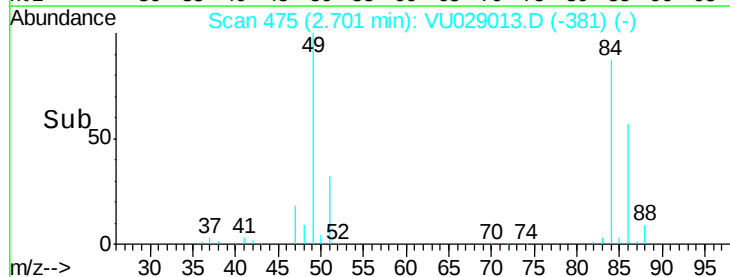
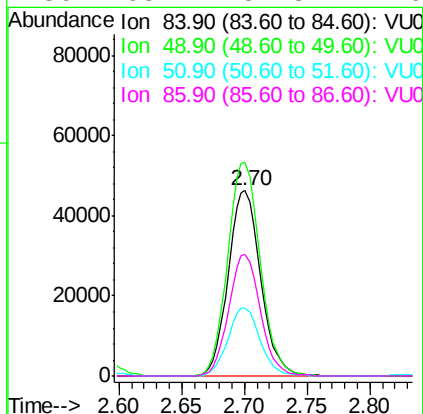
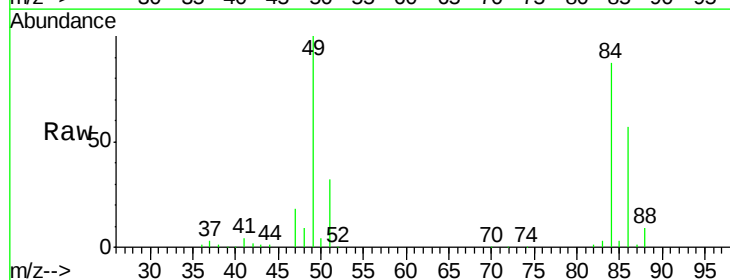
Instrument :  
MSVOA\_U  
ClientSampleId :

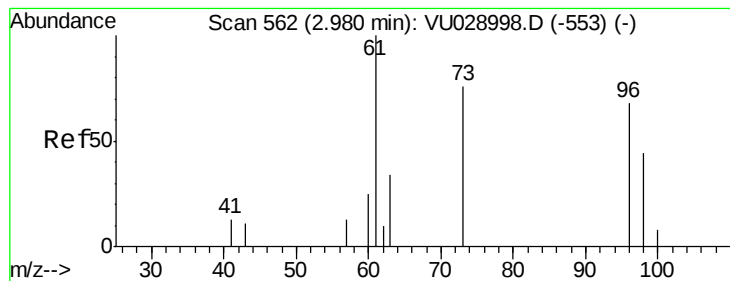
Tot Ion: 73 Resp: 238074  
Ion Ratio Lower Upper  
73 100  
57 22.8 18.6 28.0



#20  
Methylene Chloride  
Concen: 48.734 ug/l  
RT: 2.70 min Scan# 475  
Delta R.T. 0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Tgt Ion: 84 Resp: 83218  
Ion Ratio Lower Upper  
84 100  
49 115.4 91.9 137.9  
51 36.6 29.2 43.8  
86 65.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 48.599 ug/l

RT: 2.98 min Scan# 562

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :  
MSVOA\_U  
ClientSampleId :

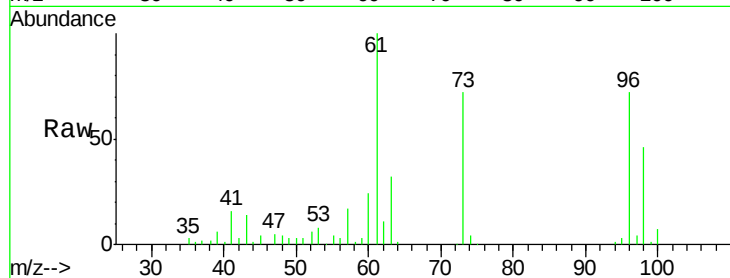
Tot Ion: 96 Resp: 75630

Ion Ratio Lower Upper

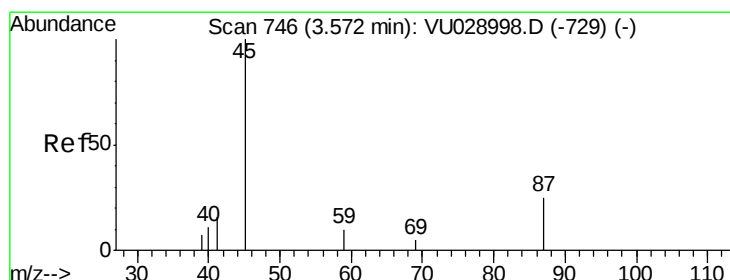
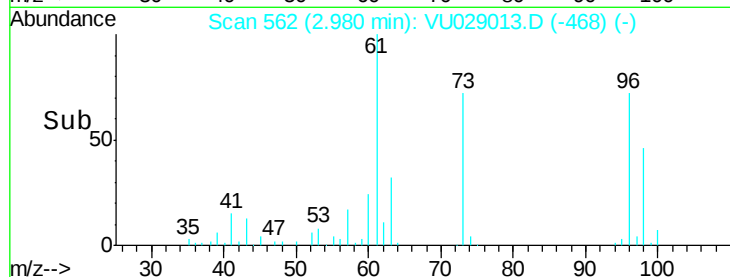
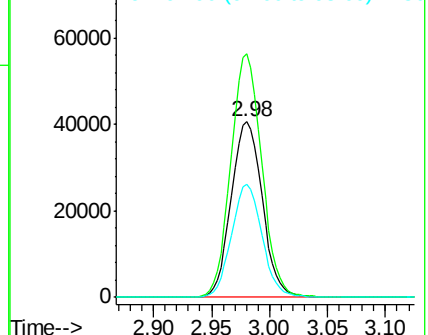
96 100

61 138.9 107.7 161.5

98 64.5 49.2 73.8



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



#22

Diisopropyl ether

Concen: 52.213 ug/l

RT: 3.57 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Tgt Ion: 45 Resp: 253611

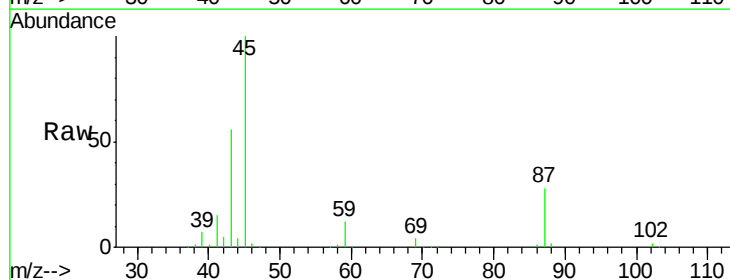
Ion Ratio Lower Upper

45 100

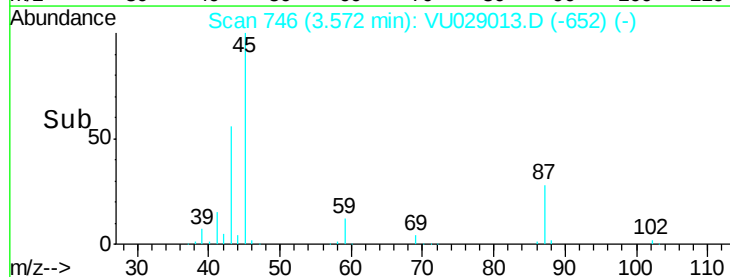
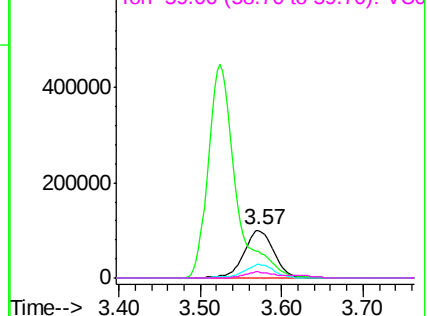
43 54.6 44.7 67.1

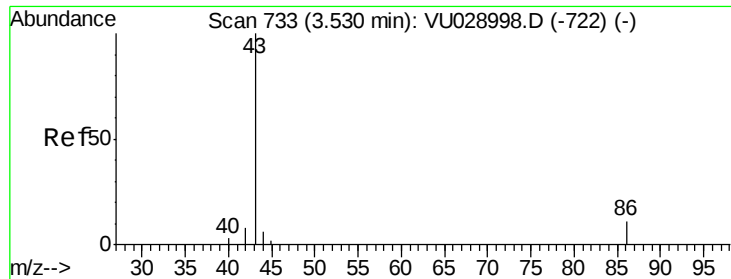
87 28.4 22.2 33.2

59 12.3 9.8 14.8



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

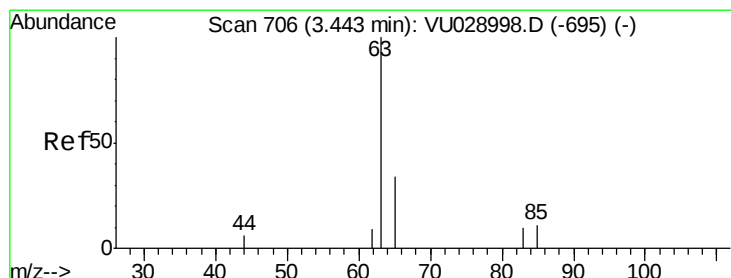
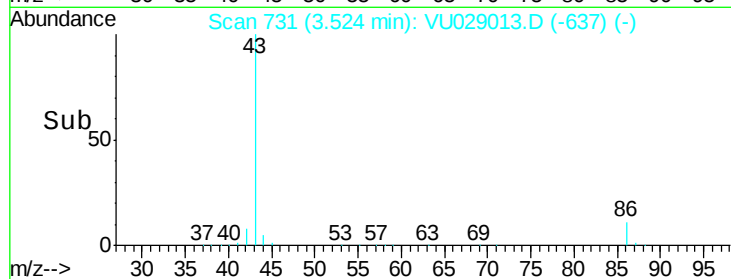
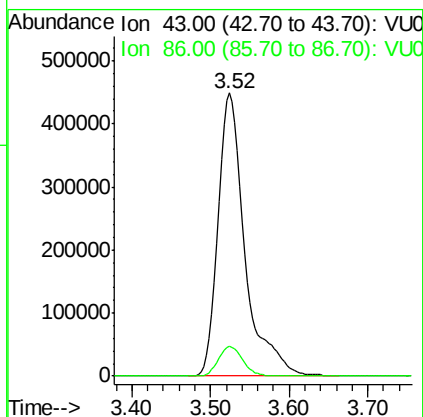
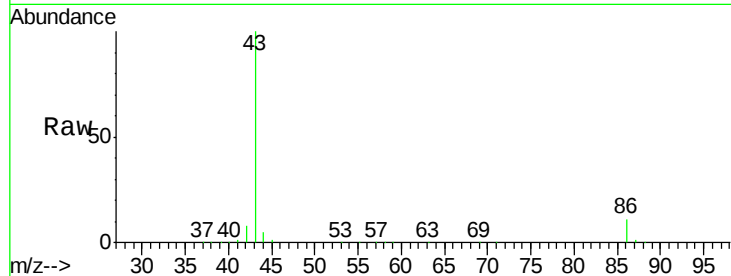




#23  
 Vinyl Acetate  
 Concen: 267.580 ug/l  
 RT: 3.52 min Scan# 731  
 Delta R.T. 0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

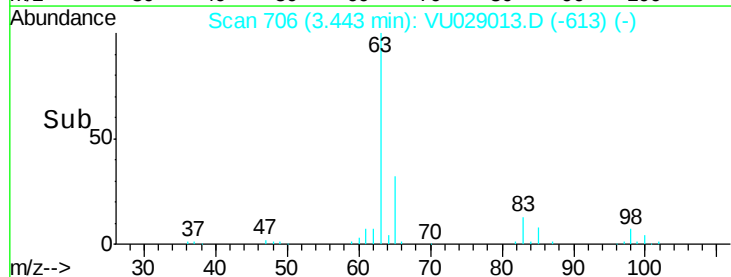
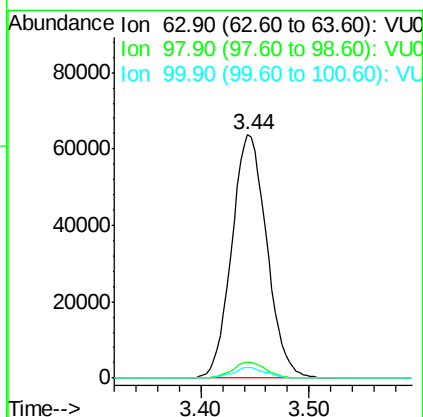
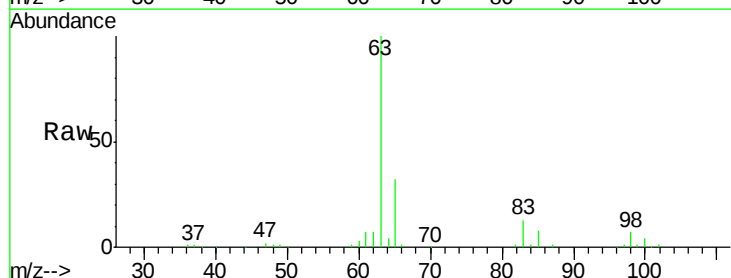
Instrument :  
 MSVOA\_U  
 ClientSampled :

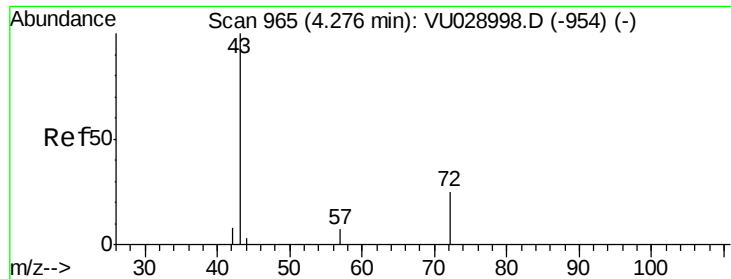
Tot Ion: 43 Resp: 1062516  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 8.6 13.0



#24  
 1,1-Dichloroethane  
 Concen: 51.396 ug/l  
 RT: 3.44 min Scan# 706  
 Delta R.T. -0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

Tgt Ion: 63 Resp: 144112  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.4 10.1  
 100 4.3 2.0 5.8





#25

2-Butanone

Concen: 254.452 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

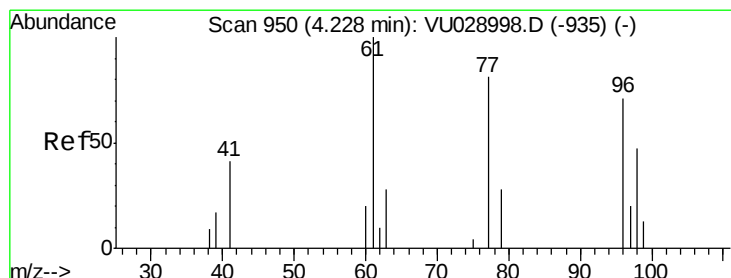
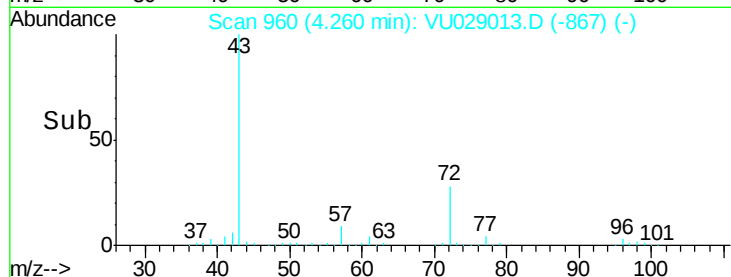
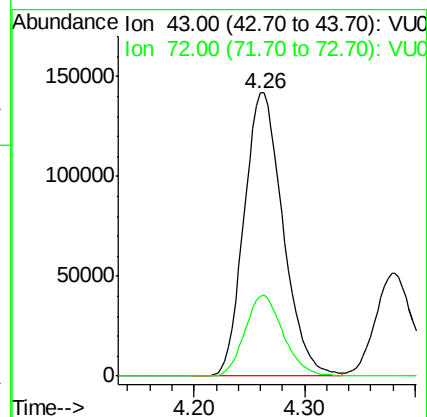
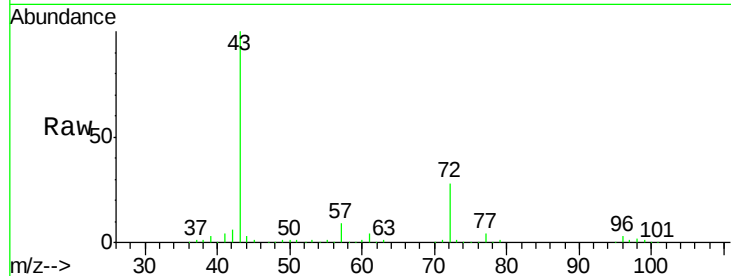
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 43 Resp: 345649

Ion Ratio Lower Upper

43 100

72 28.2 22.6 33.8



#26

2,2-Dichloropropane

Concen: 45.993 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU029013.D

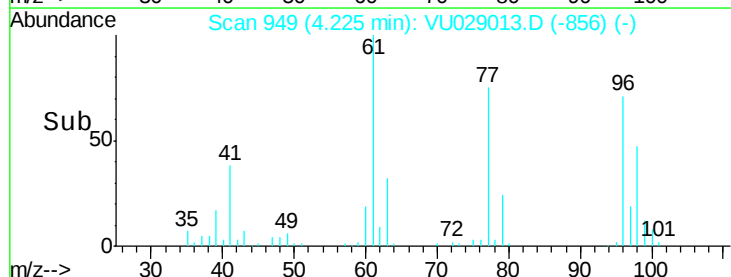
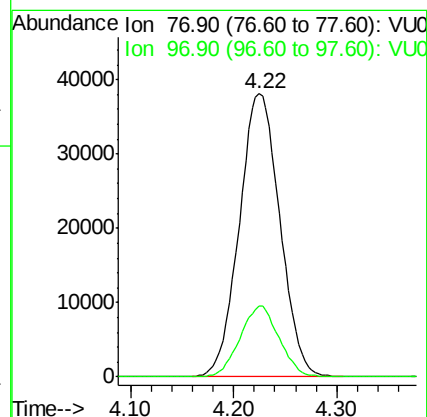
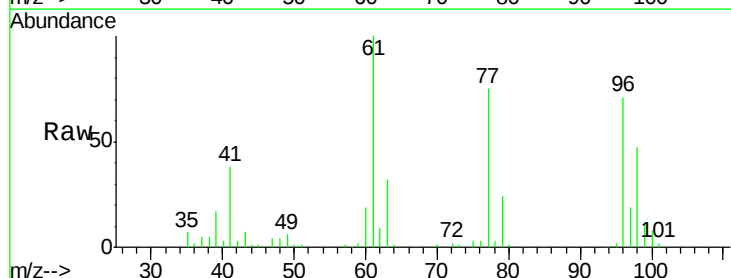
Acq: 03 Jan 2019 21:38

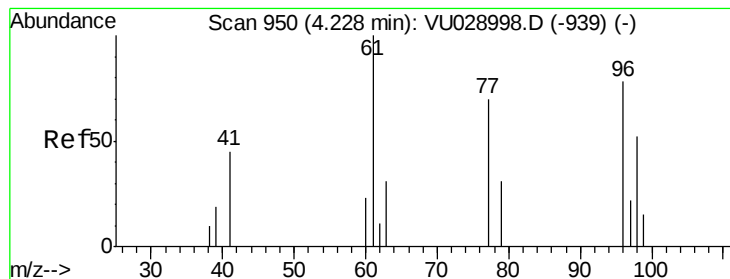
Tgt Ion: 77 Resp: 104204

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.1



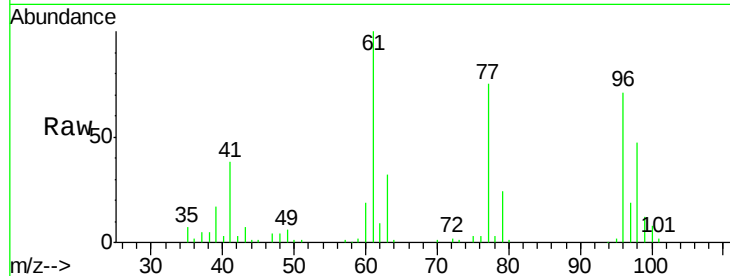


#27

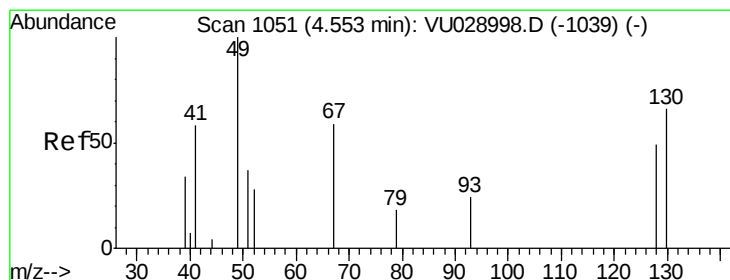
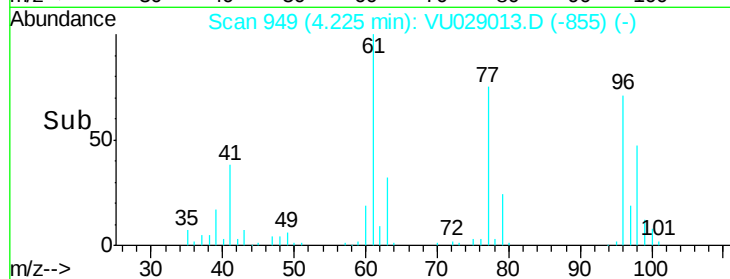
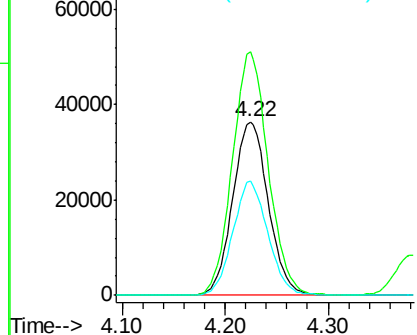
cis-1,2-Dichloroethene  
Concen: 51.348 ug/l  
RT: 4.22 min Scan# 949  
Delta R.T. 0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 96 Resp: 87397  
Ion Ratio Lower Upper  
96 100  
61 141.2 0.0 285.6  
98 64.8 0.0 130.2



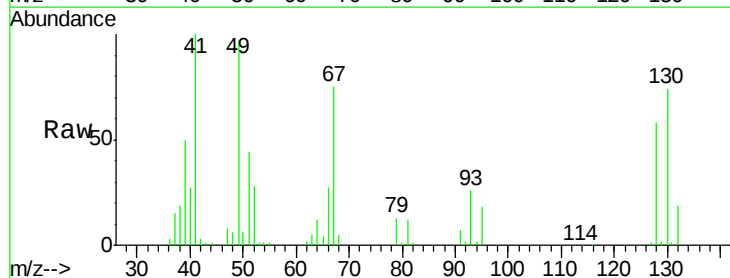
Abundance Ion 95.90 (95.60 to 96.60): VU0  
Ion 60.90 (60.60 to 61.60): VU0  
Ion 97.90 (97.60 to 98.60): VU0



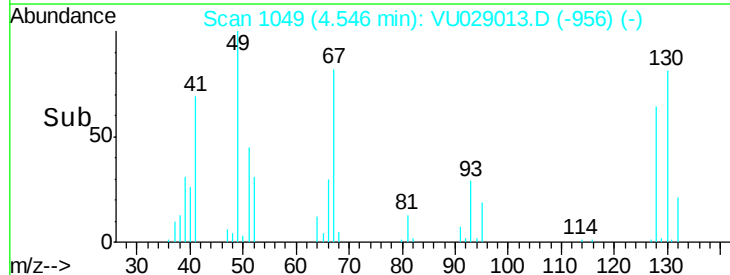
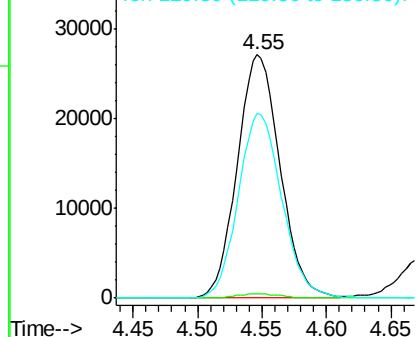
#28

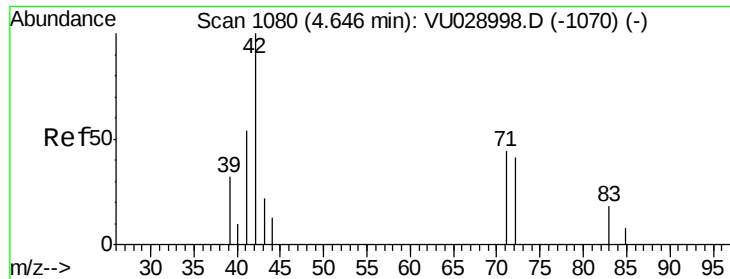
Bromochloromethane  
Concen: 52.053 ug/l  
RT: 4.55 min Scan# 1049  
Delta R.T. -0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Tgt Ion: 49 Resp: 62497  
Ion Ratio Lower Upper  
49 100  
129 1.7 0.0 3.4  
130 77.4 62.9 94.3



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

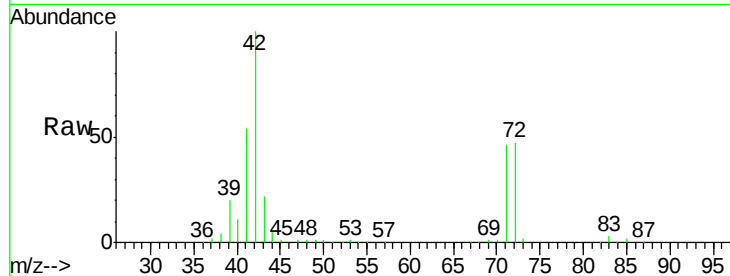




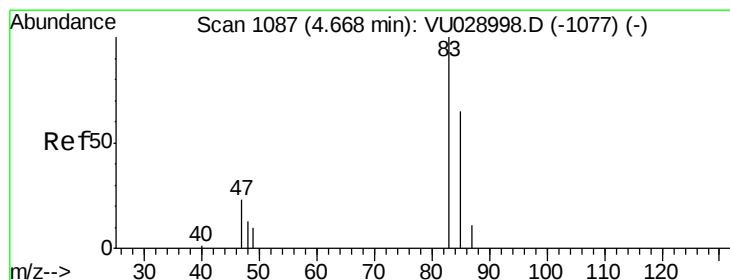
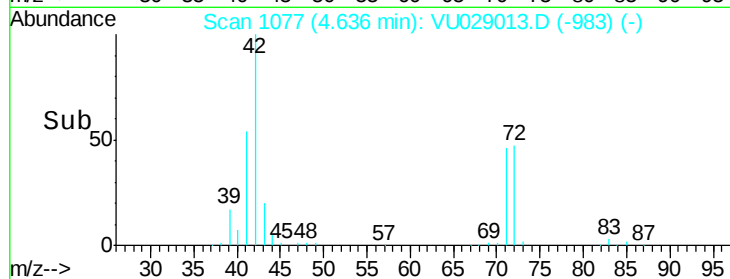
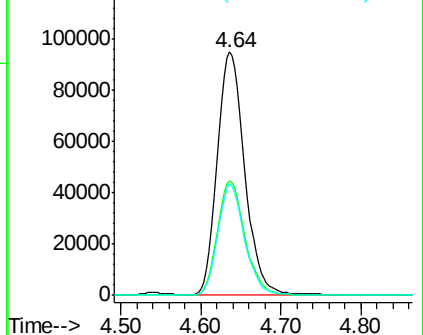
#29  
Tetrahydrofuran  
Concen: 272.270 ug/l  
RT: 4.64 min Scan# 1077  
Delta R.T. 0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 42 Resp: 224322  
Ion Ratio Lower Upper  
42 100  
72 47.1 38.3 57.5  
71 44.5 36.1 54.1

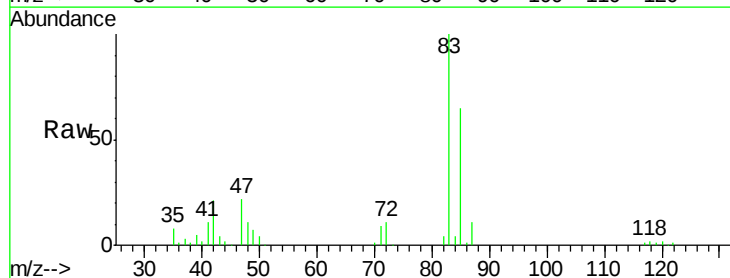


Abundance Ion 42.00 (41.70 to 42.70): VU0  
Ion 72.00 (71.70 to 72.70): VU0  
Ion 71.00 (70.70 to 71.70): VU0

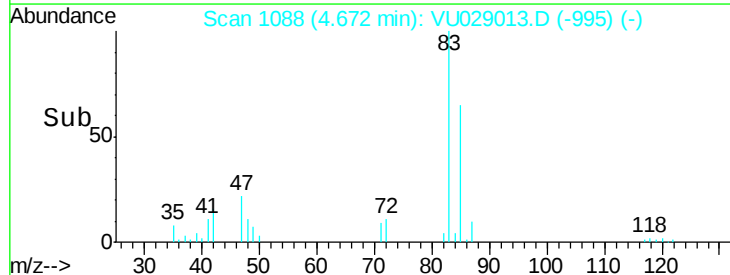
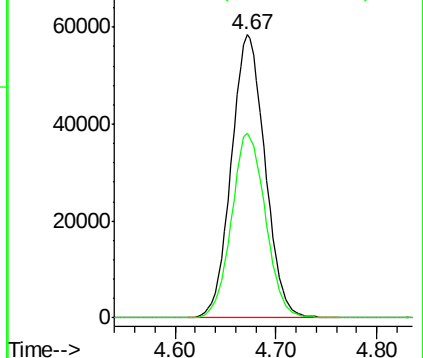


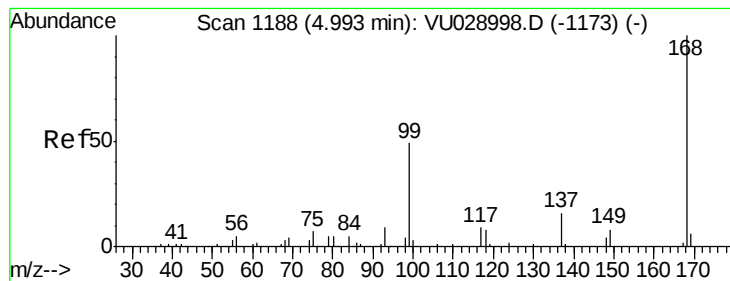
#30  
Chloroform  
Concen: 50.712 ug/l  
RT: 4.67 min Scan# 1088  
Delta R.T. -0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Tgt Ion: 83 Resp: 135438  
Ion Ratio Lower Upper  
83 100  
85 65.1 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VU0  
Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 51.188 ug/l

RT: 4.99 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :  
MSVOA\_U  
ClientSampleId :

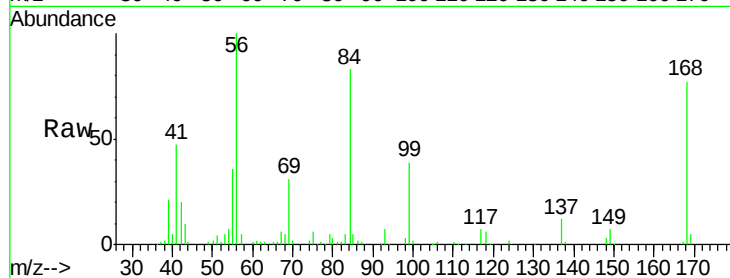
Tot Ion: 56 Resp: 135419

Ion Ratio Lower Upper

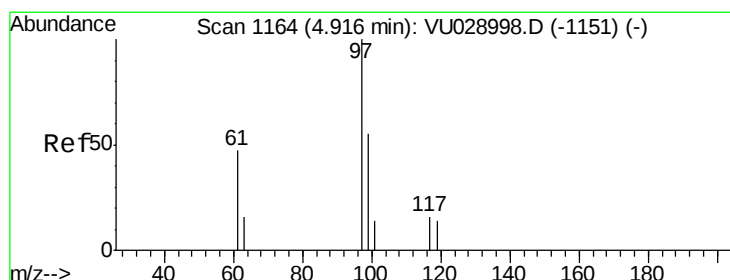
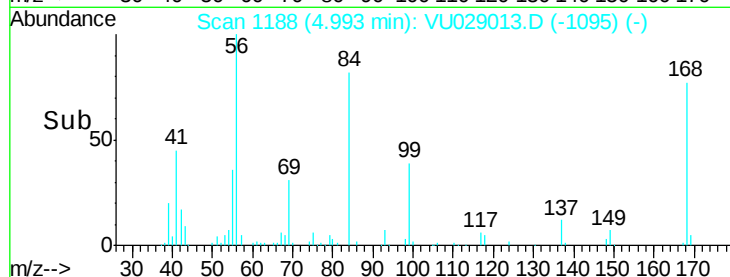
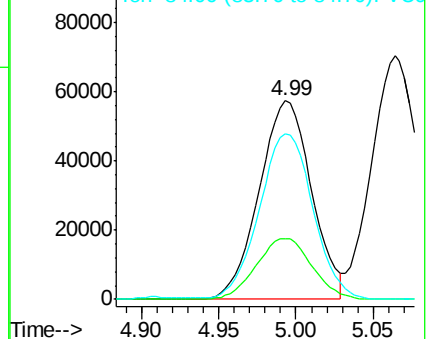
56 100

69 30.7 26.7 40.1

84 82.7 65.7 98.5



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



#32

1,1,1-Trichloroethane

Concen: 51.049 ug/l

RT: 4.91 min Scan# 1163

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

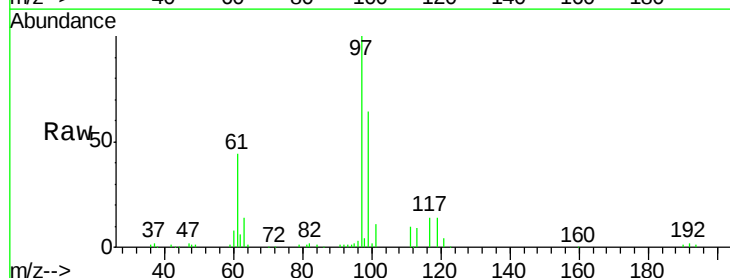
Tgt Ion: 97 Resp: 112654

Ion Ratio Lower Upper

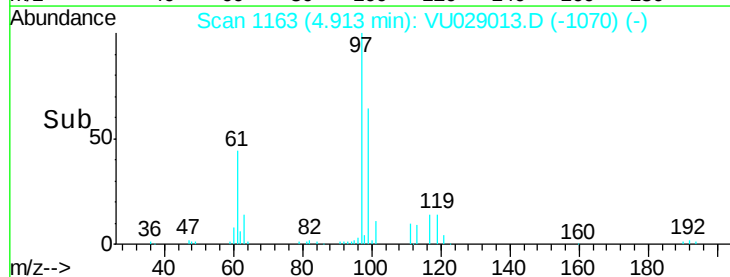
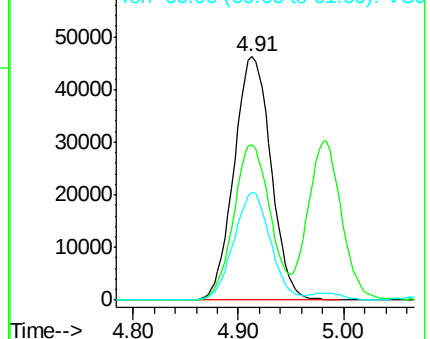
97 100

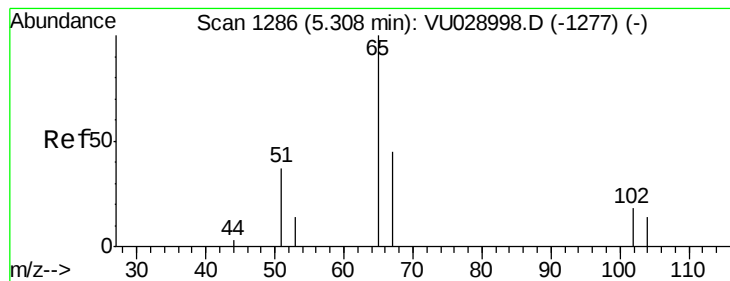
99 63.1 51.0 76.4

61 43.7 34.4 51.6



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: 51.825 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA\_U

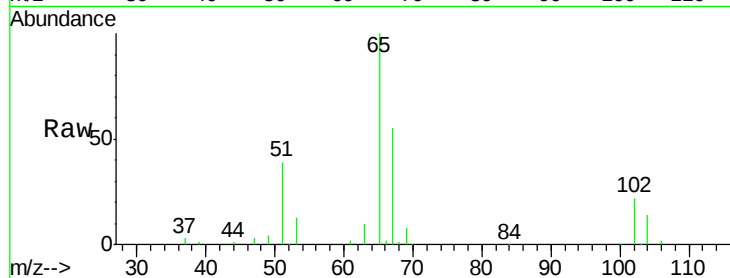
ClientSampleId :

Tot Ion: 65 Resp: 82740

Ion Ratio Lower Upper

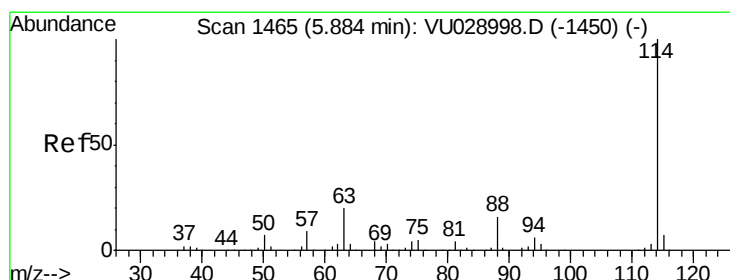
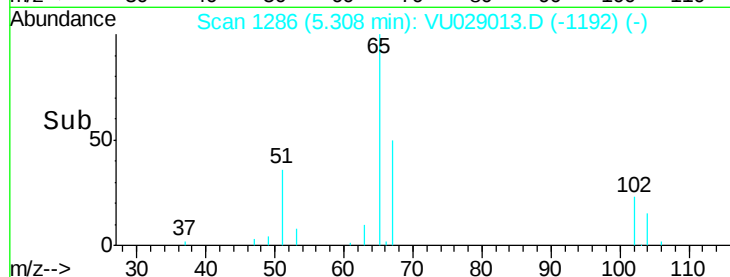
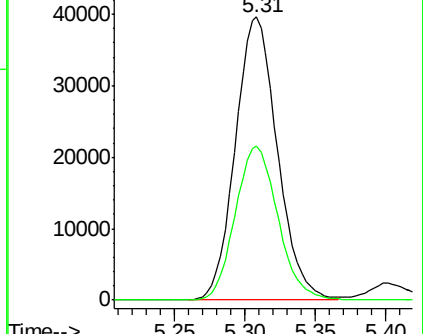
65 100

67 55.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU028998.D (-1277) (-)

Ion 66.90 (66.60 to 67.60): VU028998.D (-1277) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

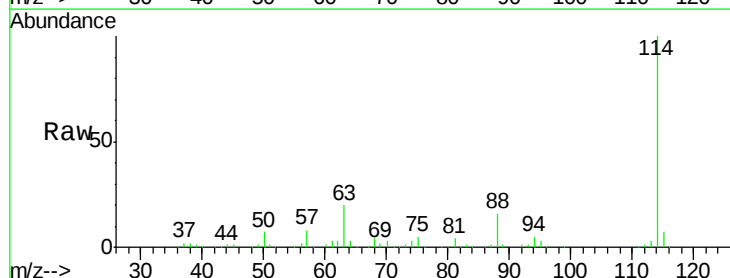
Tgt Ion: 114 Resp: 219026

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.2

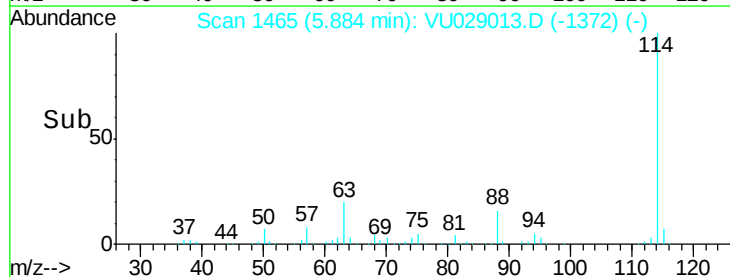
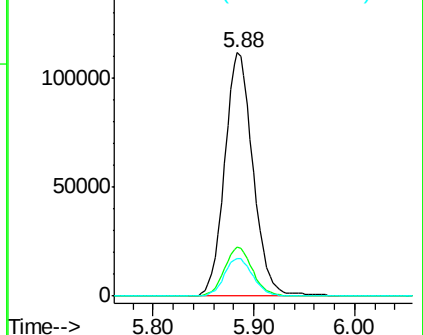
88 15.7 0.0 30.4

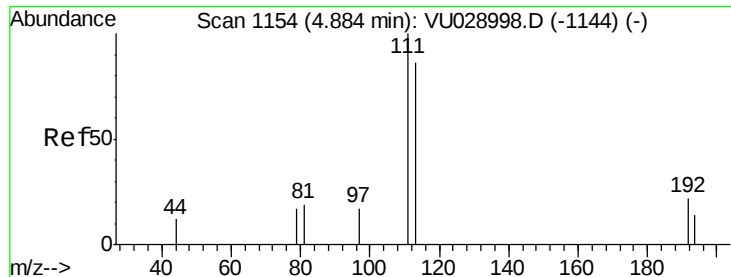


Abundance Ion 113.90 (113.60 to 114.60): VU028998.D (-1450) (-)

Ion 63.00 (62.70 to 63.70): VU028998.D (-1450) (-)

Ion 87.90 (87.60 to 88.60): VU028998.D (-1450) (-)

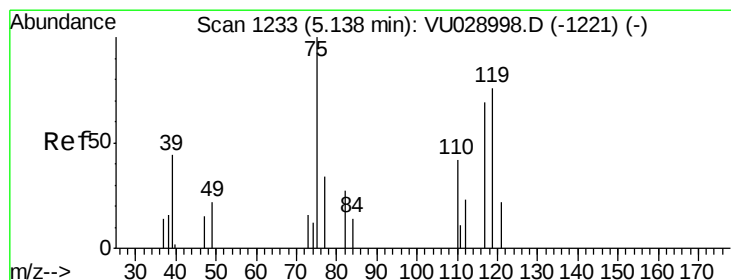
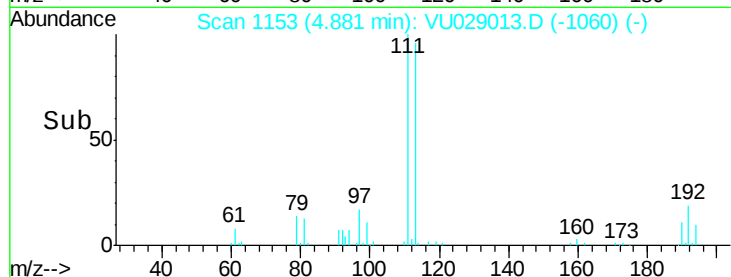
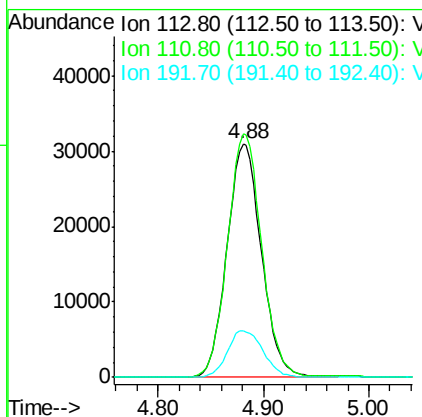
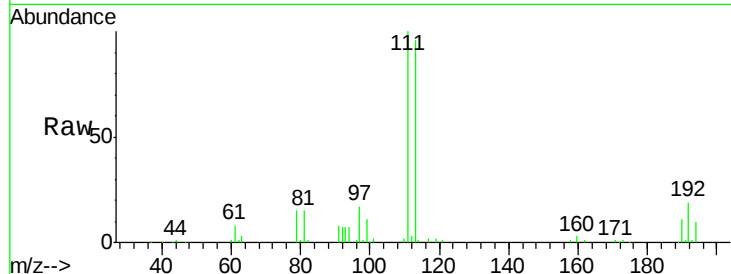




#35  
 Dibromofluoromethane  
 Concen: 49.376 ug/l  
 RT: 4.88 min Scan# 1153  
 Delta R.T. -0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

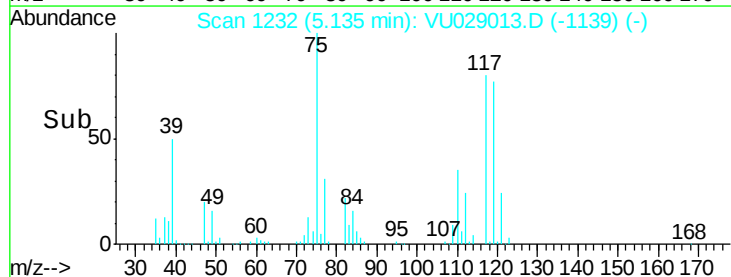
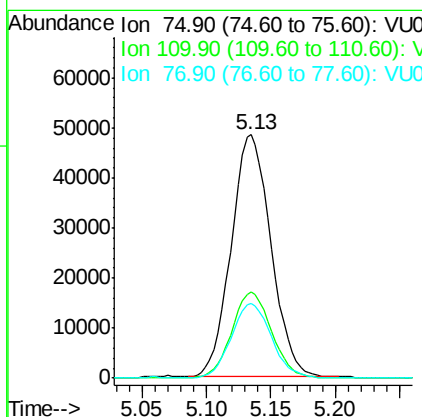
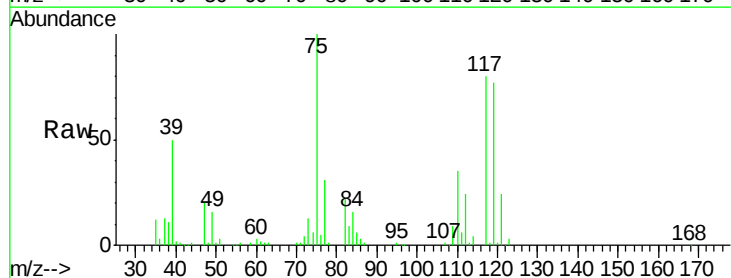
Instrument :  
 MSVOA\_U  
 ClientSampleId :

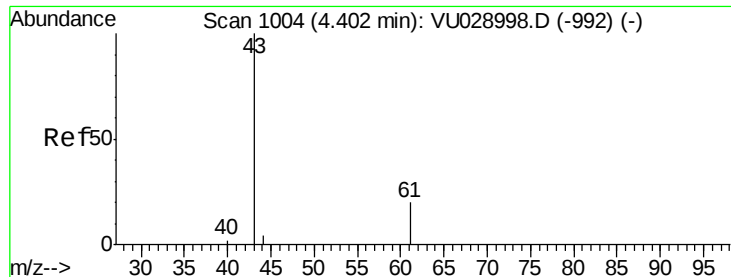
Tot Ion:113 Resp: 70104  
 Ion Ratio Lower Upper  
 113 100  
 111 103.5 81.4 122.2  
 192 20.7 16.8 25.2



#36  
 1,1-Dichloropropene  
 Concen: 47.394 ug/l  
 RT: 5.13 min Scan# 1232  
 Delta R.T. -0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

Tgt Ion: 75 Resp: 103758  
 Ion Ratio Lower Upper  
 75 100  
 110 35.7 18.4 55.4  
 77 31.2 25.1 37.7

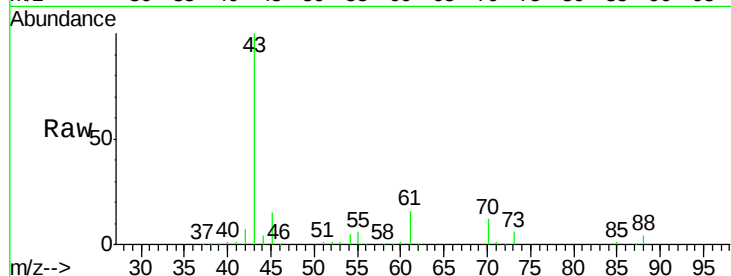




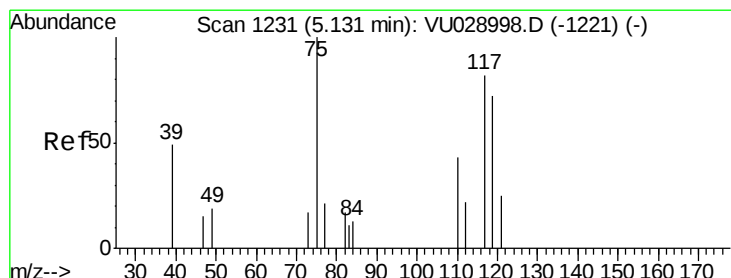
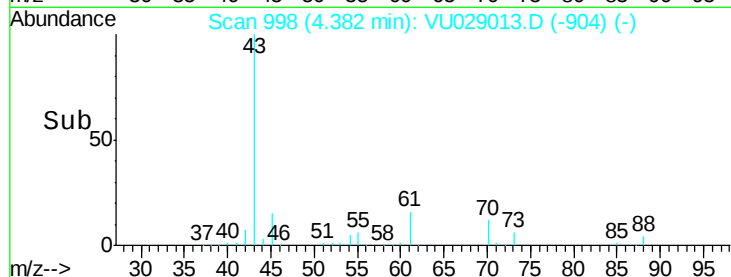
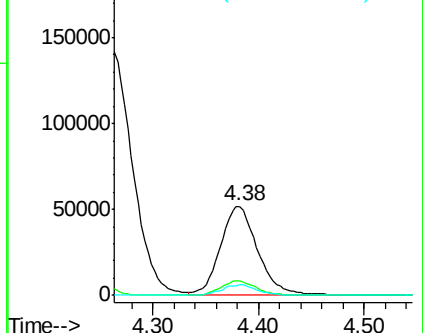
#37  
Ethyl Acetate  
Concen: 51.589 ug/l  
RT: 4.38 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 43 Resp: 123972  
Ion Ratio Lower Upper  
43 100  
61 16.1 12.6 18.8  
70 11.5 9.3 13.9

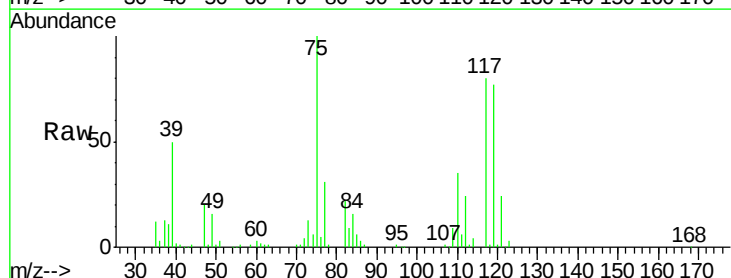


Abundance Ion 43.00 (42.70 to 43.70): VU0  
Ion 60.90 (60.60 to 61.60): VU0  
Ion 70.00 (69.70 to 70.70): VU0

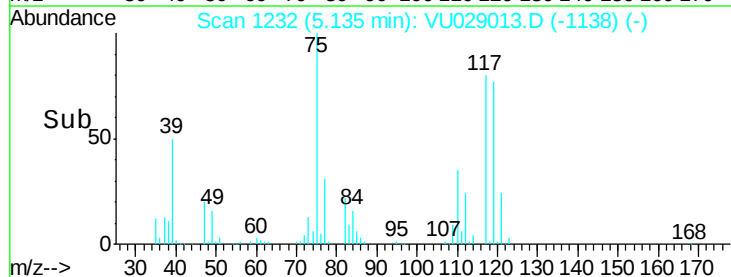
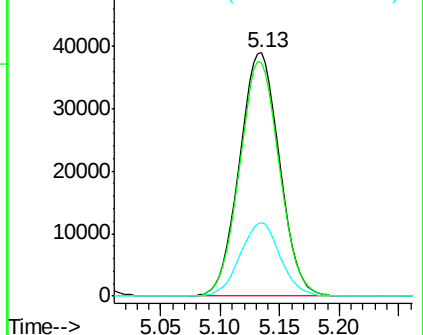


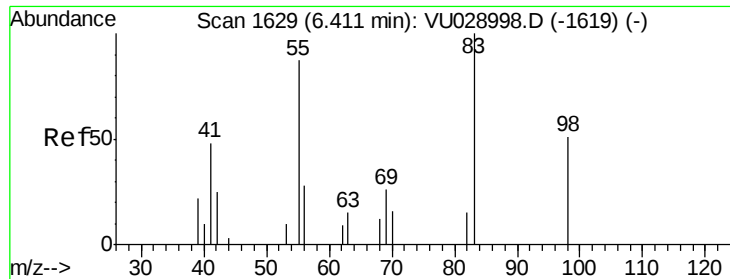
#38  
Carbon Tetrachloride  
Concen: 49.732 ug/l  
RT: 5.13 min Scan# 1232  
Delta R.T. 0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Tgt Ion: 117 Resp: 90809  
Ion Ratio Lower Upper  
117 100  
119 95.6 74.6 111.8  
121 30.3 25.0 37.6



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

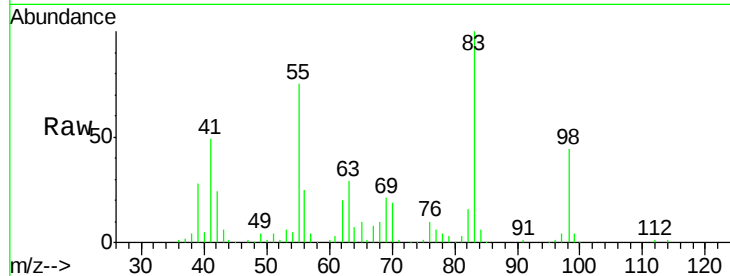




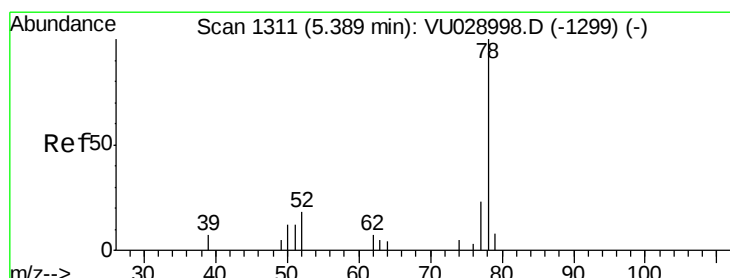
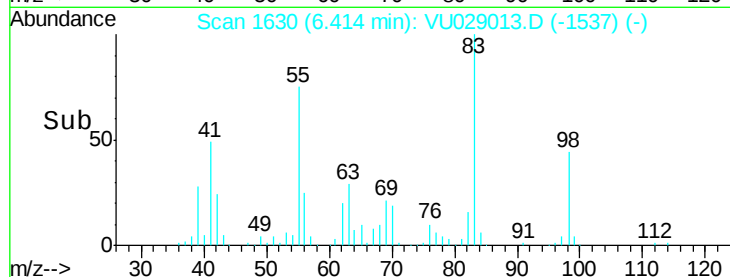
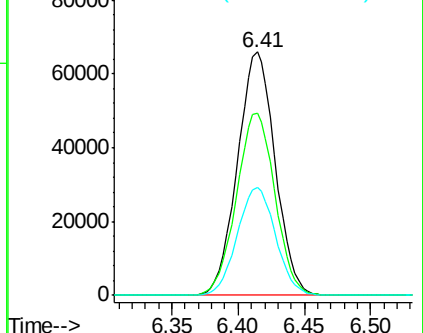
#39  
Methvlcvclohexane  
Concen: 48.423 ug/l  
RT: 6.41 min Scan# 1630  
Delta R.T. -0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 83 Resp: 130326  
Ion Ratio Lower Upper  
83 100  
55 74.7 62.4 93.6  
98 44.4 36.2 54.2

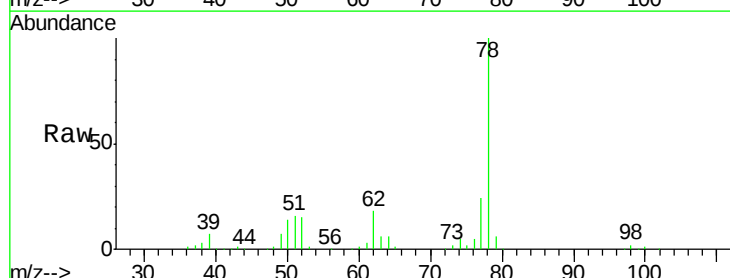


Abundance Ion 83.00 (82.70 to 83.70): VU0  
Ion 55.00 (54.70 to 55.70): VU0  
Ion 98.00 (97.70 to 98.70): VU0

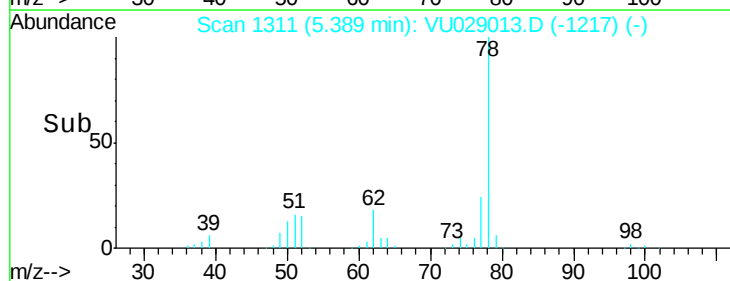
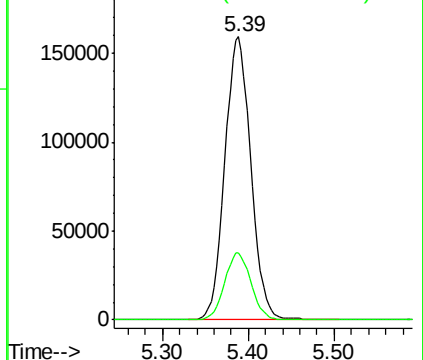


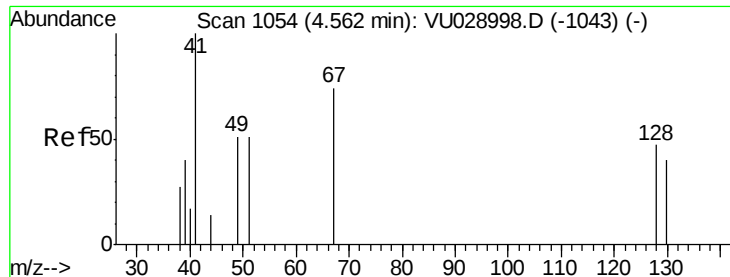
#40  
Benzene  
Concen: 48.933 ug/l  
RT: 5.39 min Scan# 1311  
Delta R.T. 0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Tgt Ion: 78 Resp: 334156  
Ion Ratio Lower Upper  
78 100  
77 23.7 18.9 28.3



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

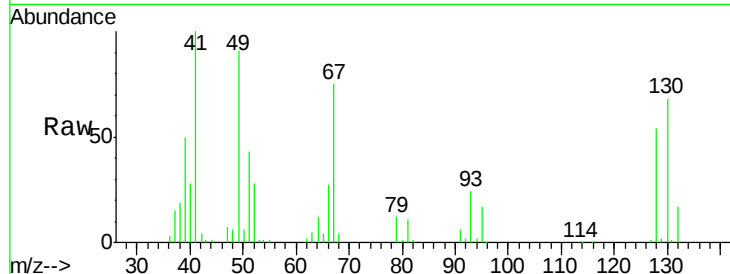




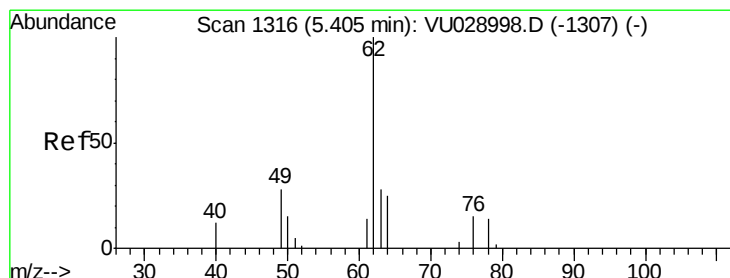
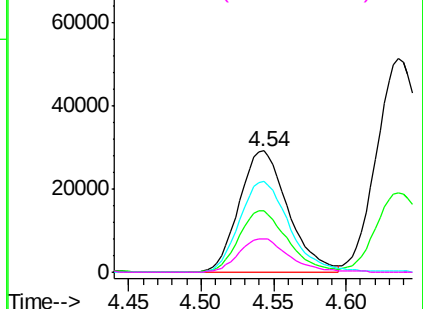
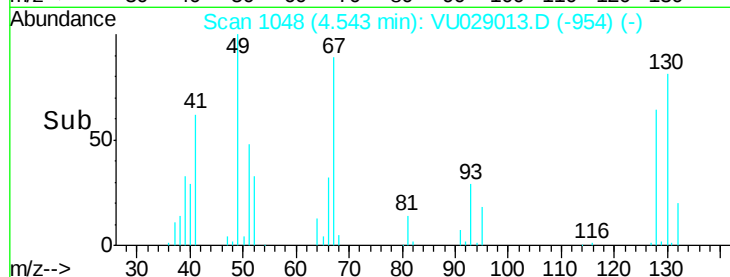
#41  
Methacrylonitrile  
Concen: 53.280 ug/l  
RT: 4.54 min Scan# 1048  
Delta R.T. 0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 41 Resp: 68536  
Ion Ratio Lower Upper  
41 100  
39 50.7 42.3 63.5  
67 77.0 64.4 96.6  
52 28.5 23.9 35.9

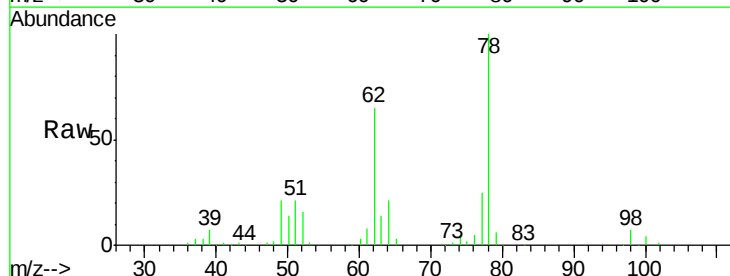


Abundance Ion 41.00 (40.70 to 41.70): VU0  
Ion 39.00 (38.70 to 39.70): VU0  
Ion 67.00 (66.70 to 67.70): VU0  
Ion 52.00 (51.70 to 52.70): VU0

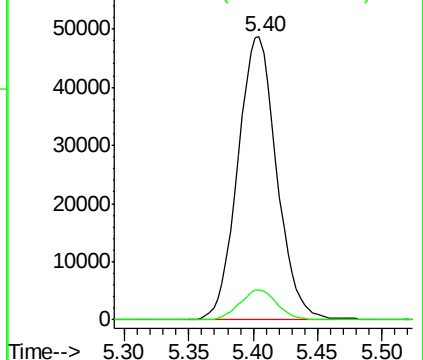
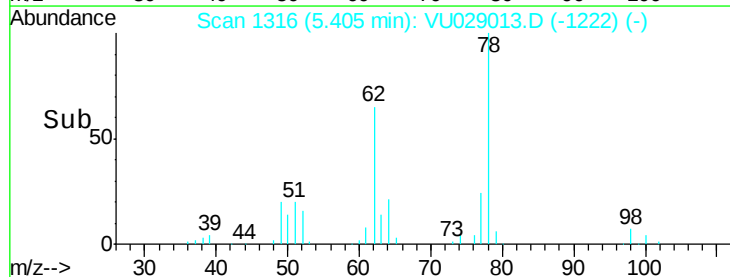


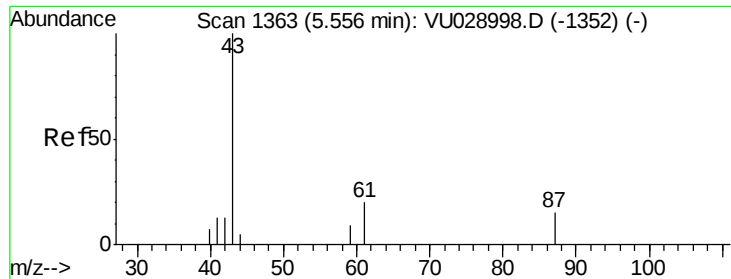
#42  
1,2-Dichloroethane  
Concen: 49.921 ug/l  
RT: 5.40 min Scan# 1316  
Delta R.T. 0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Tgt Ion: 62 Resp: 102438  
Ion Ratio Lower Upper  
62 100  
98 10.2 0.0 19.6



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





#43

Isopropyl Acetate

Concen: 52.380 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA\_U

ClientSampleId :

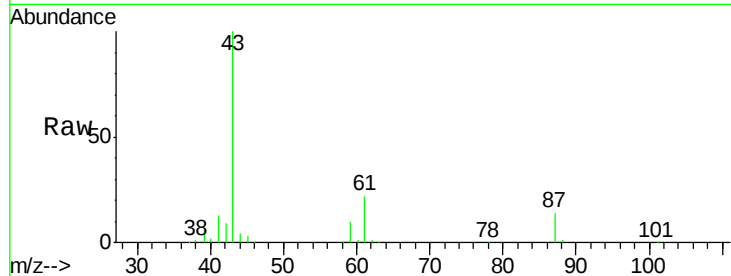
Tot Ion: 43 Resp: 193087

Ion Ratio Lower Upper

43 100

61 22.3 17.8 26.6

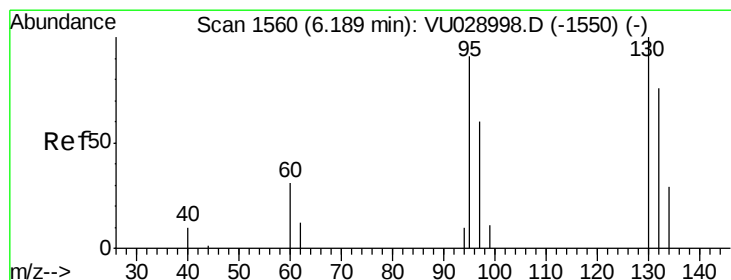
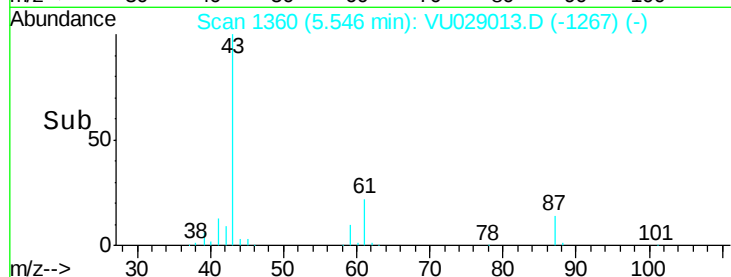
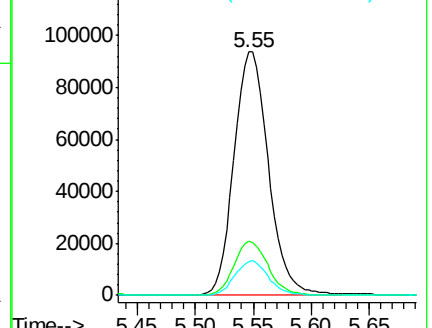
87 14.0 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-1352) (-)

Ion 61.00 (60.70 to 61.70): VU028998.D (-1352) (-)

Ion 87.00 (86.70 to 87.70): VU028998.D (-1352) (-)



#44

Trichloroethene

Concen: 47.146 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VU029013.D

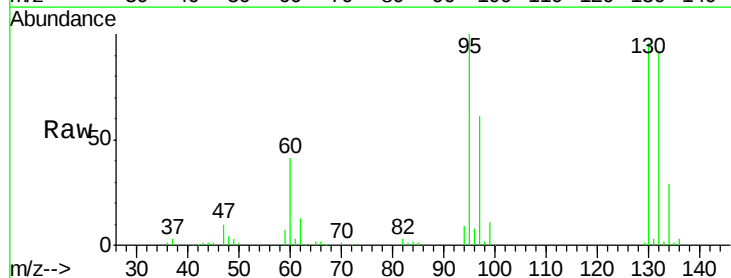
Acq: 03 Jan 2019 21:38

Tgt Ion:130 Resp: 79772

Ion Ratio Lower Upper

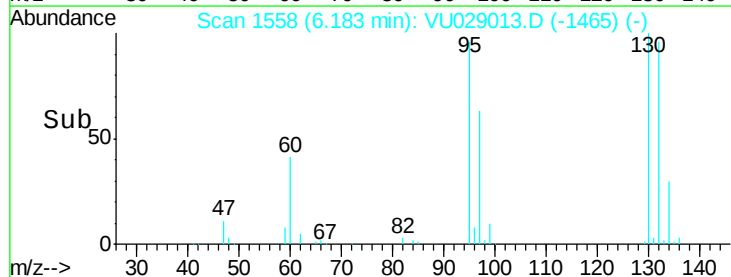
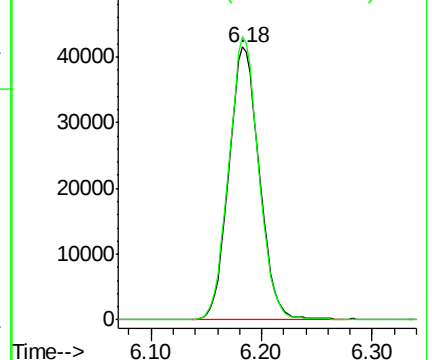
130 100

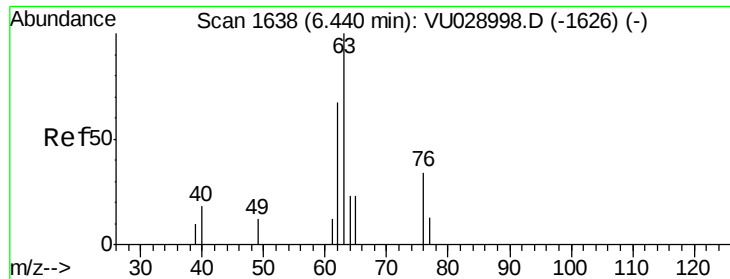
95 103.7 0.0 205.0



Abundance Ion 129.80 (129.50 to 130.50): VU028998.D (-1550) (-)

Ion 94.90 (94.60 to 95.60): VU028998.D (-1550) (-)

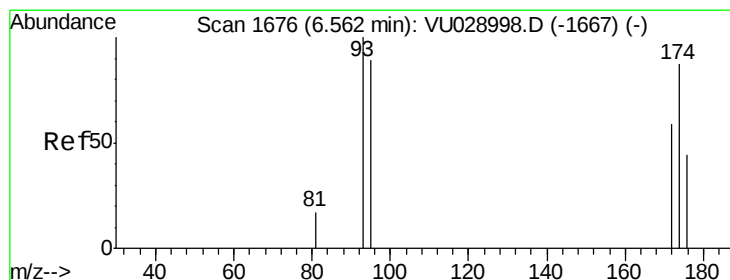
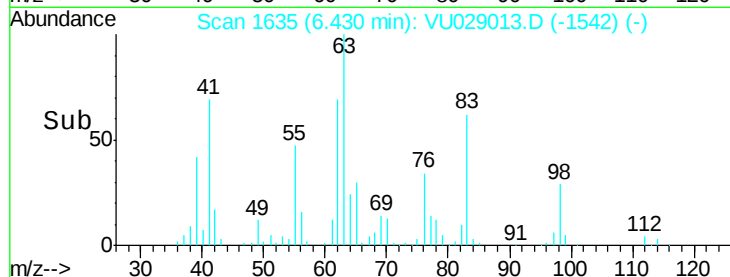
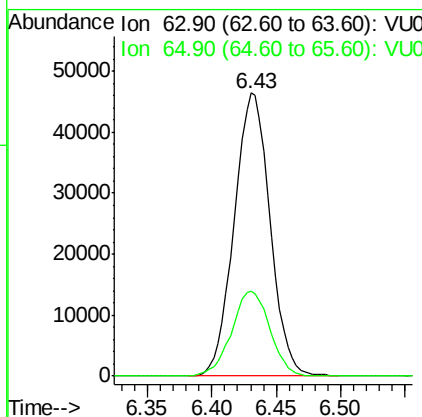
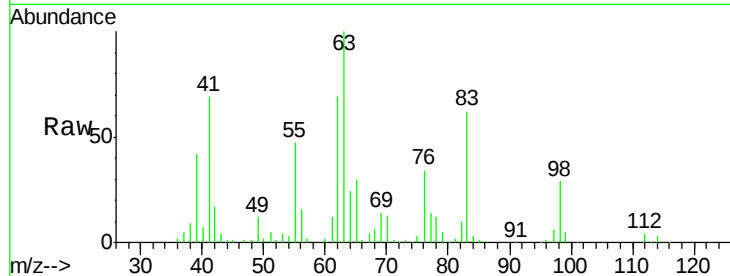




#45  
 1,2-Dichloropropane  
 Concen: 49.904 ug/l  
 RT: 6.43 min Scan# 1635  
 Delta R.T. -0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

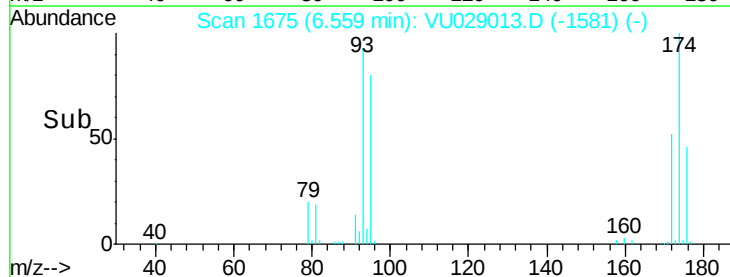
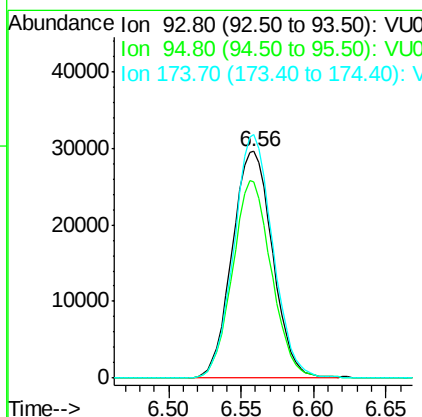
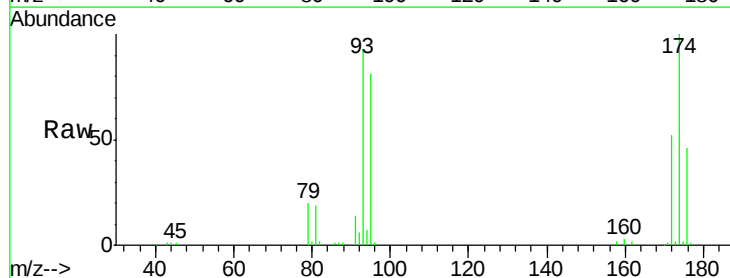
Instrument :  
 MSVOA\_U  
 ClientSampleId :

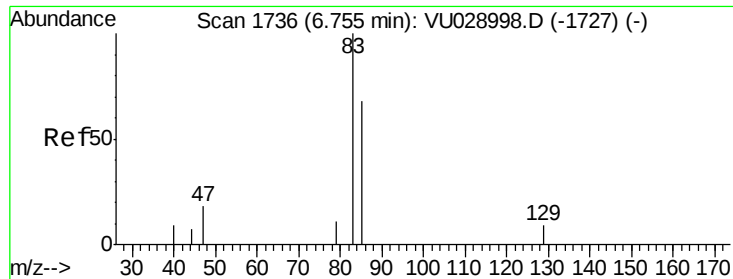
Tot Ion: 63 Resp: 89995  
 Ion Ratio Lower Upper  
 63 100  
 65 30.2 25.1 37.7



#46  
 Dibromomethane  
 Concen: 49.726 ug/l  
 RT: 6.56 min Scan# 1675  
 Delta R.T. 0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

Tgt Ion: 93 Resp: 57326  
 Ion Ratio Lower Upper  
 93 100  
 95 83.9 67.2 100.8  
 174 103.3 82.6 123.8





#47

Bromodichloromethane

Concen: 49.760 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :  
MSVOA\_U  
ClientSampleId :

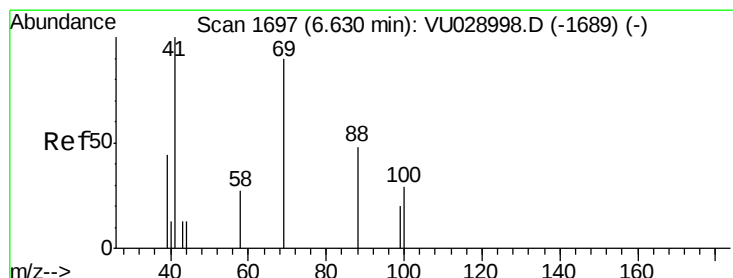
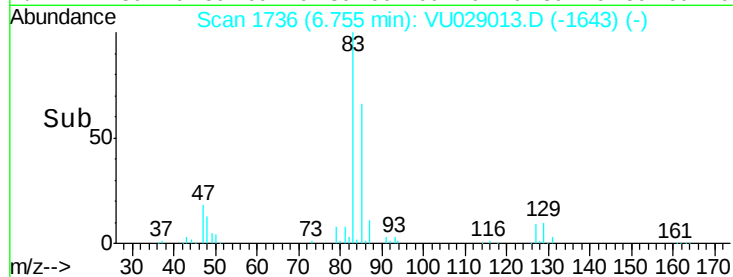
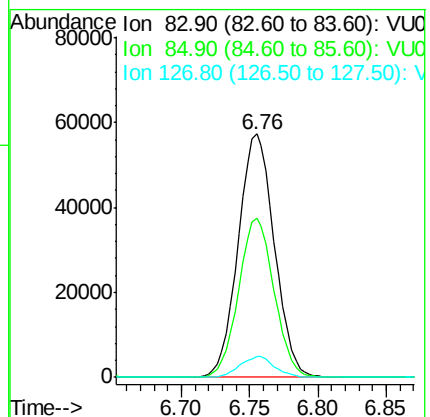
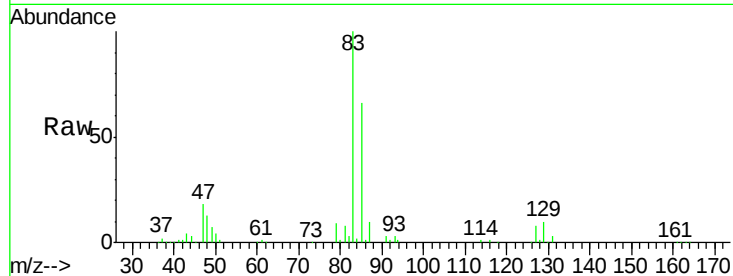
Tot Ion: 83 Resp: 105618

Ion Ratio Lower Upper

83 100

85 65.5 51.4 77.2

127 8.5 7.0 10.4



#48

Methyl methacrylate

Concen: 54.223 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

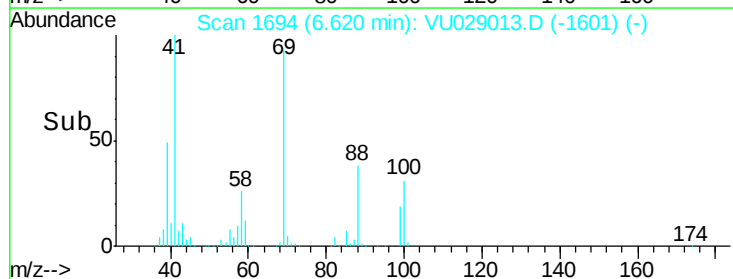
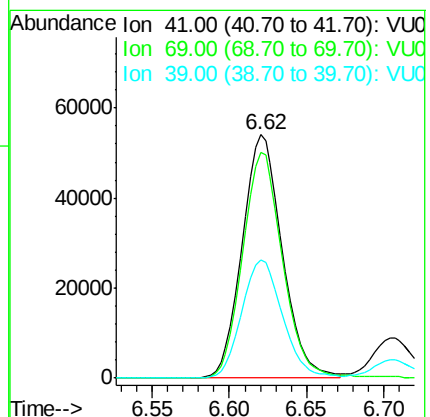
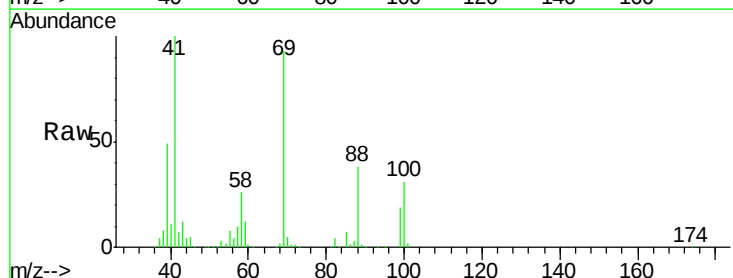
Tgt Ion: 41 Resp: 97328

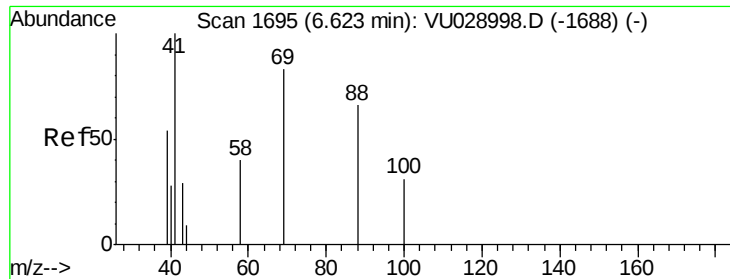
Ion Ratio Lower Upper

41 100

69 93.0 73.6 110.4

39 49.6 39.6 59.4

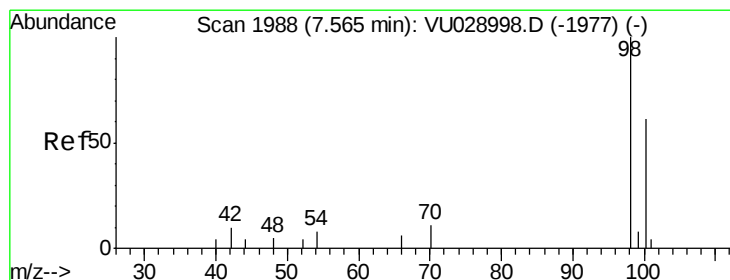
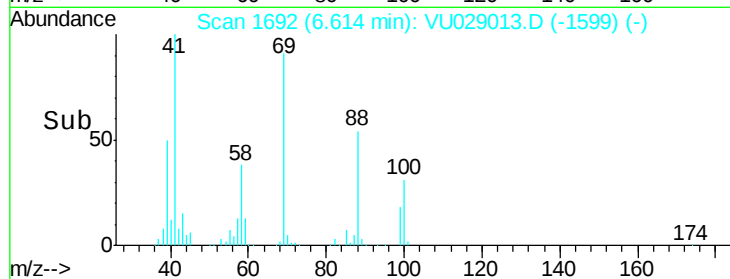
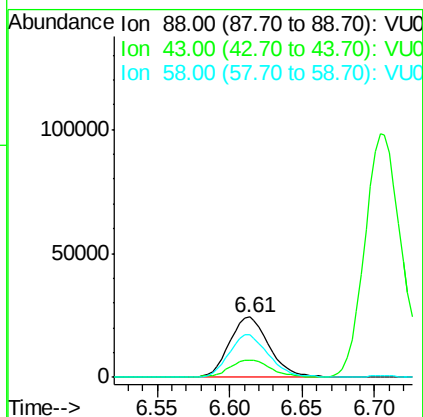
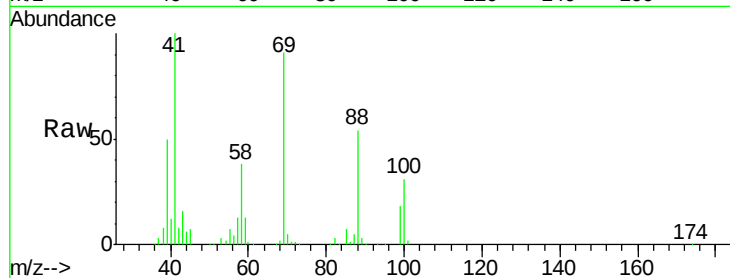




#49  
1,4-Dioxane  
Concen: 1078.928 ug/l  
RT: 6.61 min Scan# 1692  
Delta R.T. -0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

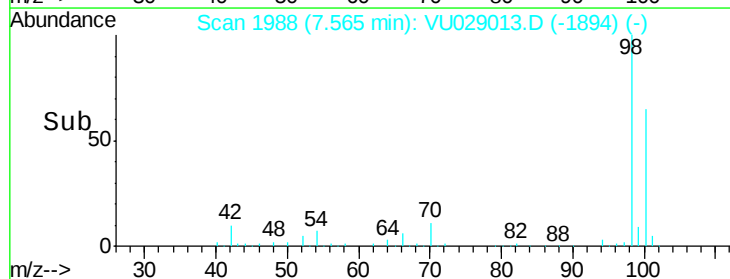
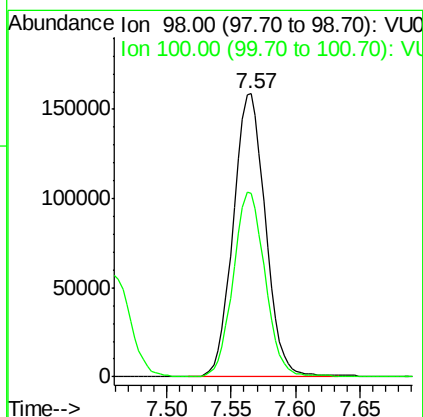
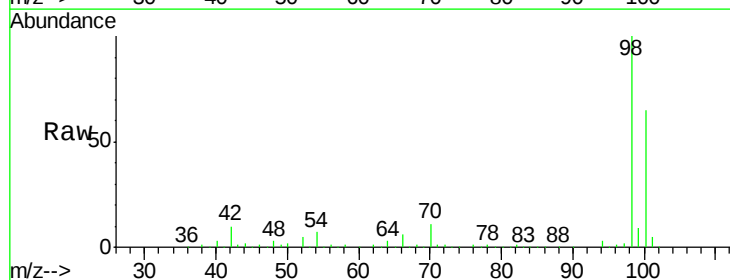
Instrument :  
MSVOA\_U  
ClientSampleId :

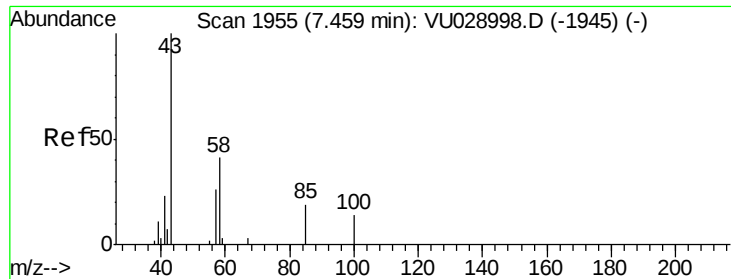
Tot Ion: 88 Resp: 45895  
Ion Ratio Lower Upper  
88 100  
43 28.8 23.0 34.4  
58 72.0 57.9 86.9



#50  
Toluene-d8  
Concen: 49.294 ug/l  
RT: 7.57 min Scan# 1988  
Delta R.T. 0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Tgt Ion: 98 Resp: 276303  
Ion Ratio Lower Upper  
98 100  
100 64.0 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 258.793 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA\_U

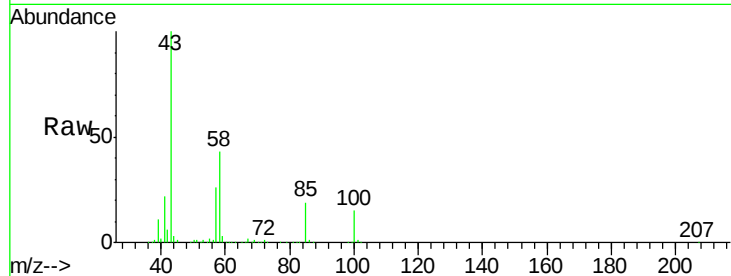
ClientSampleId :

Tot Ion: 43 Resp: 649245

Ion Ratio Lower Upper

43 100

58 42.7 33.9 50.9

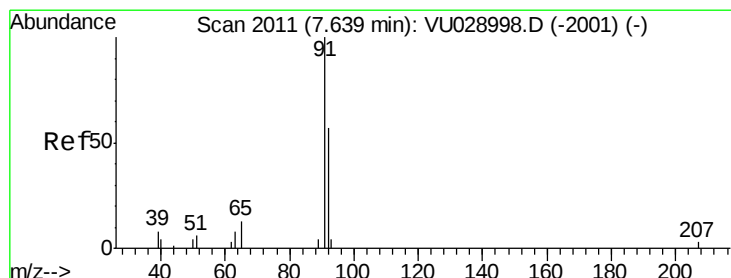
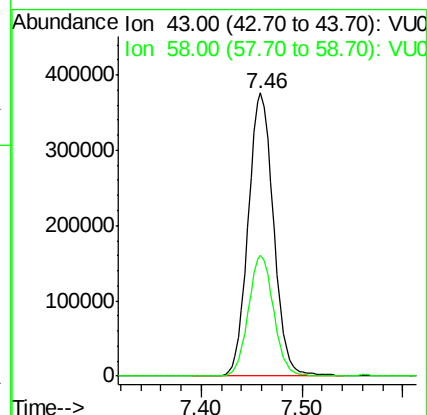
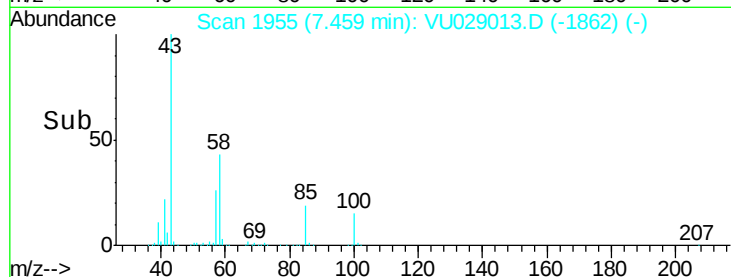


Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-1945) (-)

Ion 58.00 (57.70 to 58.70): VU028998.D (-1945) (-)

7.46

Time-->



#52

Toluene

Concen: 49.173 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU029013.D

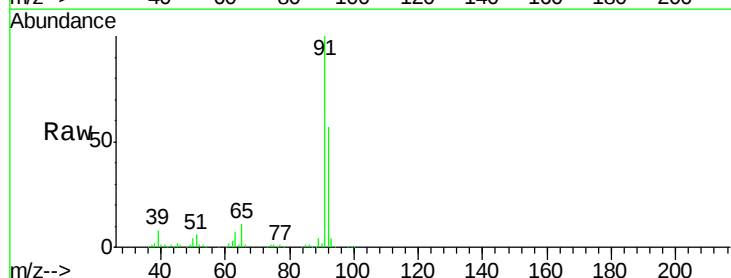
Acq: 03 Jan 2019 21:38

Tgt Ion: 92 Resp: 204426

Ion Ratio Lower Upper

92 100

91 172.9 139.8 209.8

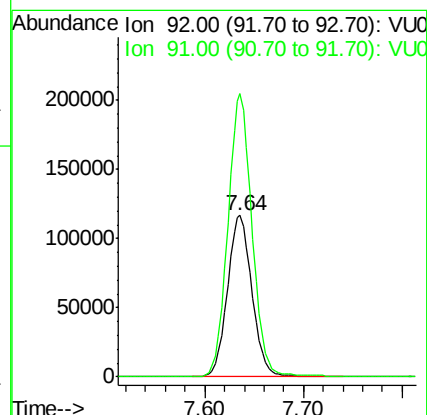
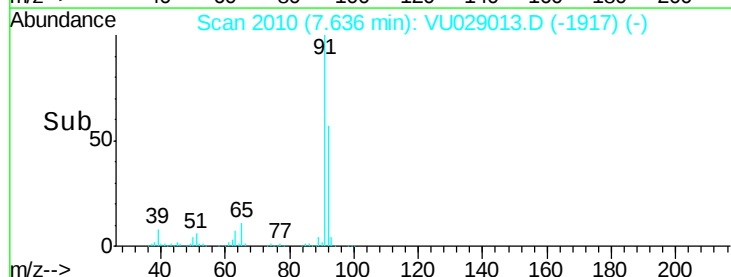


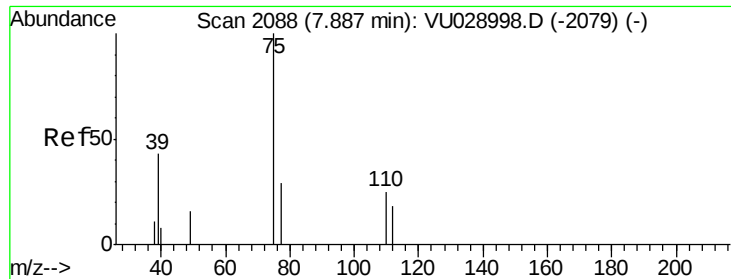
Abundance Ion 92.00 (91.70 to 92.70): VU028998.D (-2001) (-)

Ion 91.00 (90.70 to 91.70): VU028998.D (-2001) (-)

7.64

Time-->

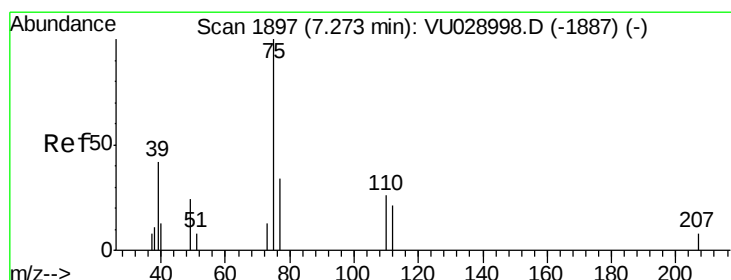
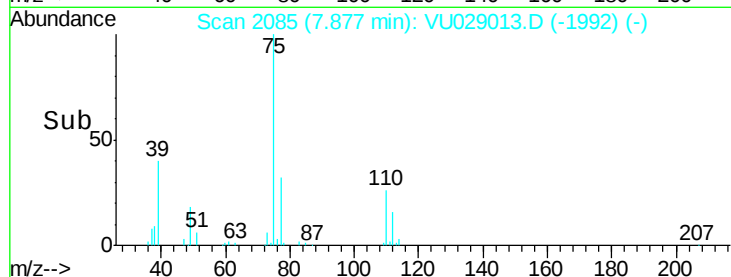
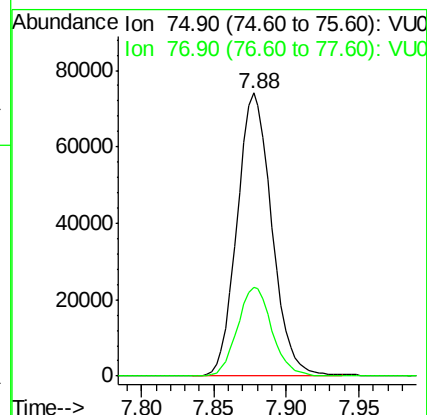
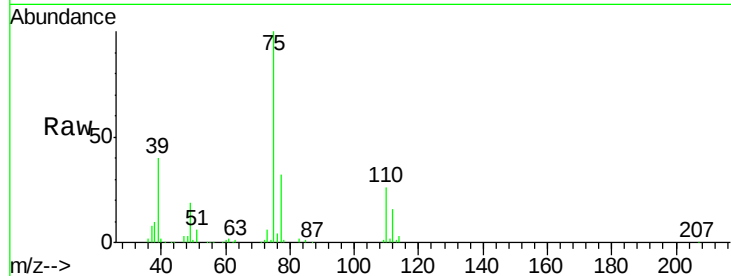




#53  
 t-1,3-Dichloropropene  
 Concen: 48.321 ug/l  
 RT: 7.88 min Scan# 2085  
 Delta R.T. -0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

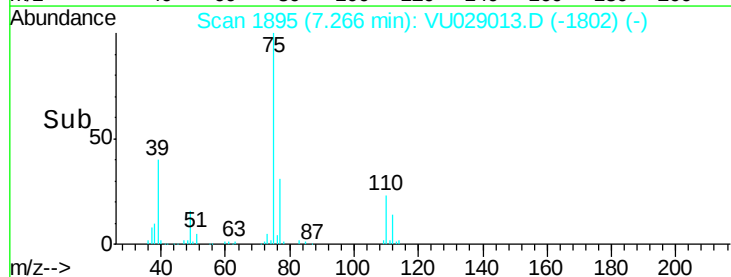
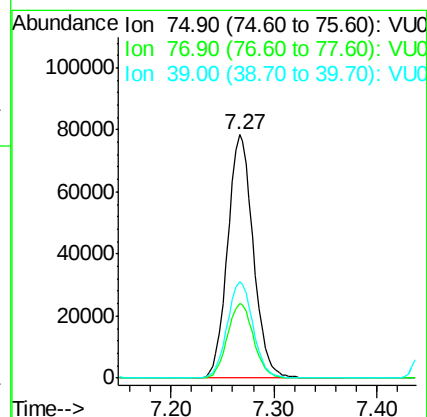
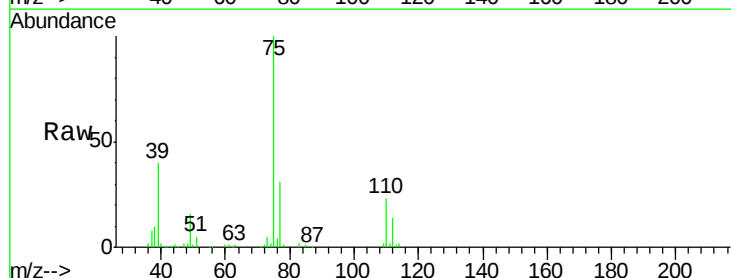
Instrument :  
 MSVOA\_U  
 ClientSampleId :

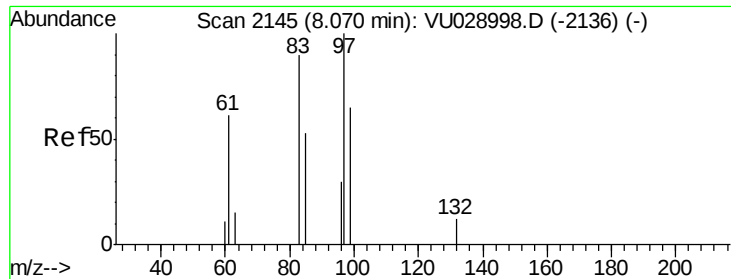
Tot Ion: 75 Resp: 123208  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.0 37.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.274 ug/l  
 RT: 7.27 min Scan# 1895  
 Delta R.T. -0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

Tgt Ion: 75 Resp: 135758  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.0 37.6  
 39 39.6 32.2 48.4



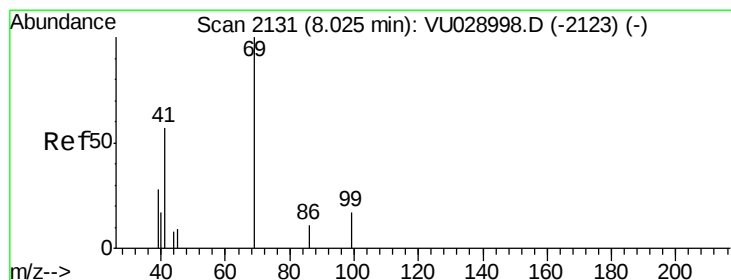
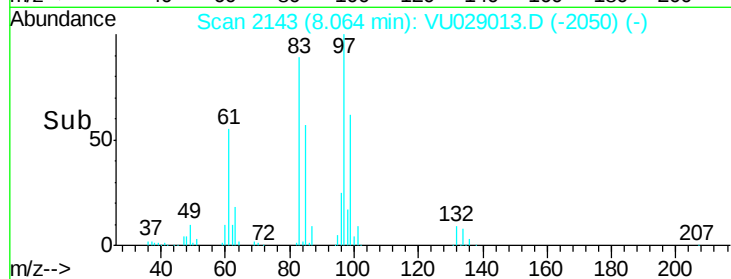
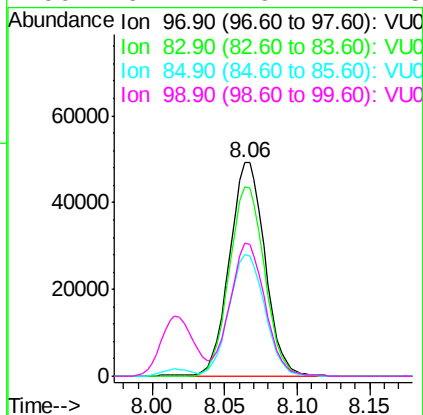
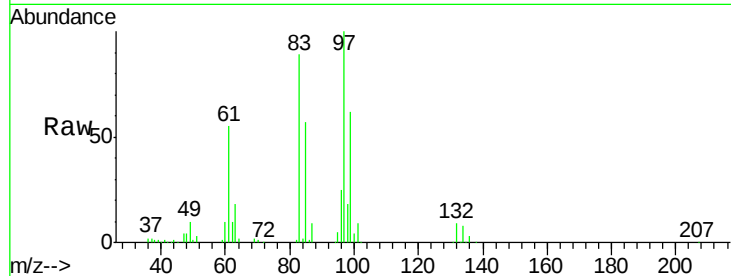


#55  
 1,1,2-Trichloroethane  
 Concen: 50.251 ug/l  
 RT: 8.06 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Tot Ion: 97 Resp: 83691  

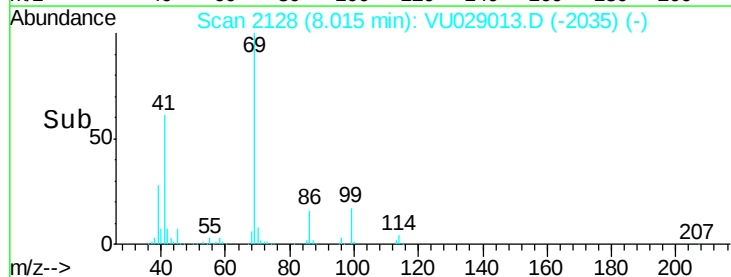
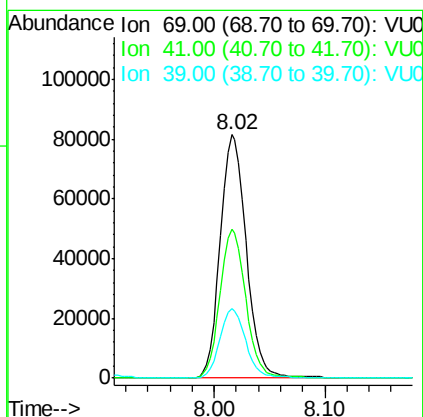
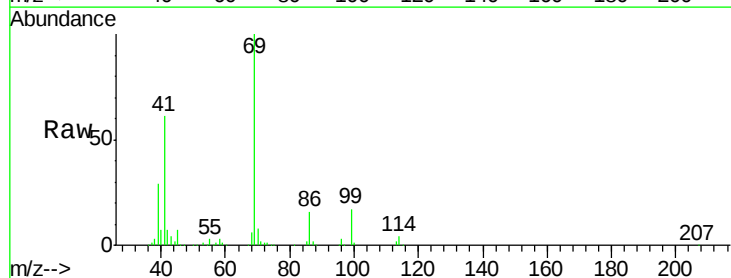
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.5  | 69.8  | 104.8 |
| 85  | 57.0  | 47.3  | 70.9  |
| 99  | 62.1  | 49.7  | 74.5  |

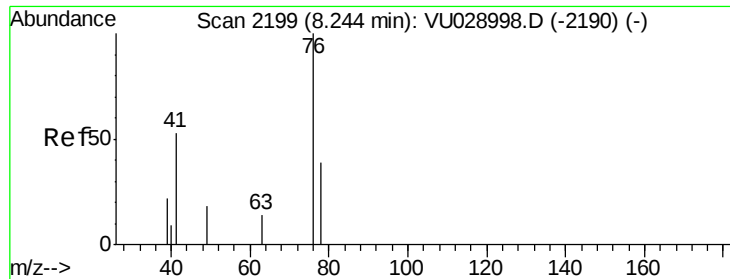


#56  
 Ethyl methacrylate  
 Concen: 52.212 ug/l  
 RT: 8.02 min Scan# 2128  
 Delta R.T. -0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

Tgt Ion: 69 Resp: 133967  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 60.7  | 47.5  | 71.3  |
| 39  | 28.5  | 22.5  | 33.7  |

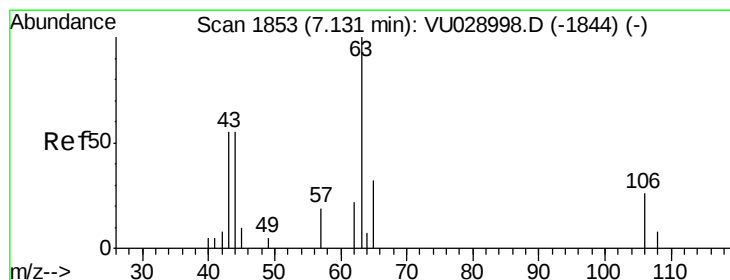
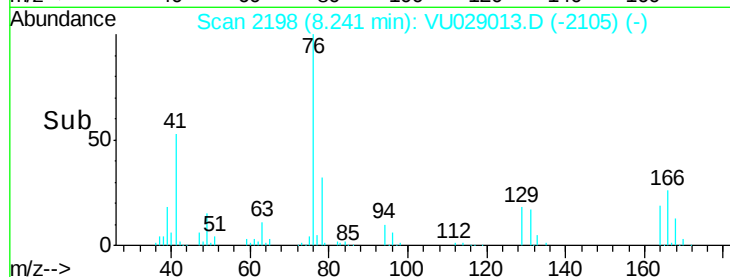
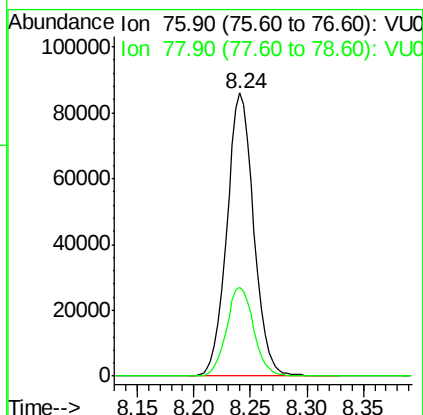
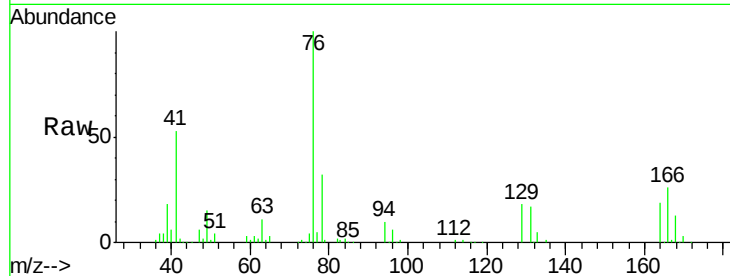




#57  
 1,3-Dichloropropane  
 Concen: 49.793 ug/l  
 RT: 8.24 min Scan# 2198  
 Delta R.T. -0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

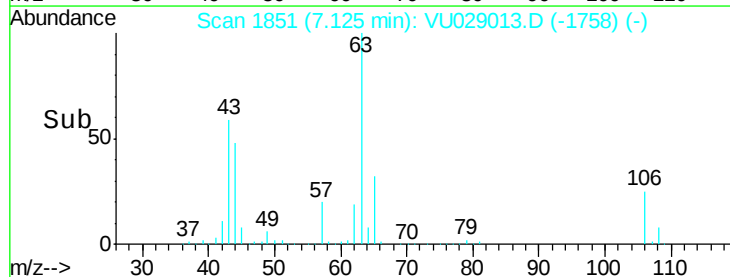
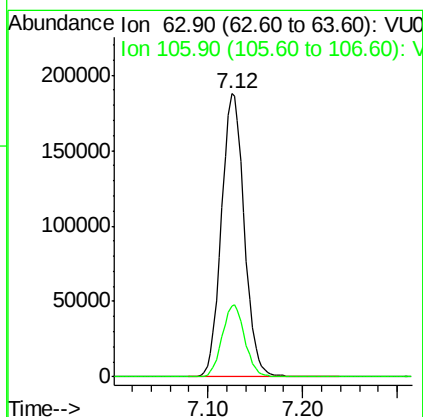
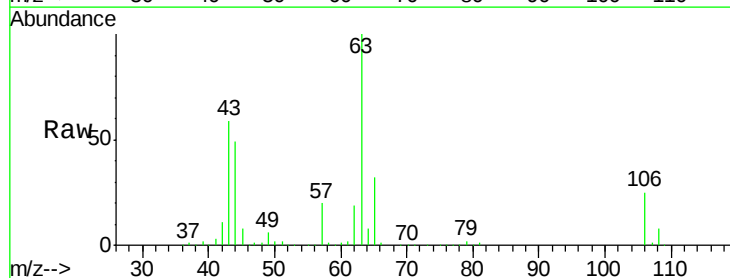
Instrument :  
 MSVOA\_U  
 ClientSampleId :

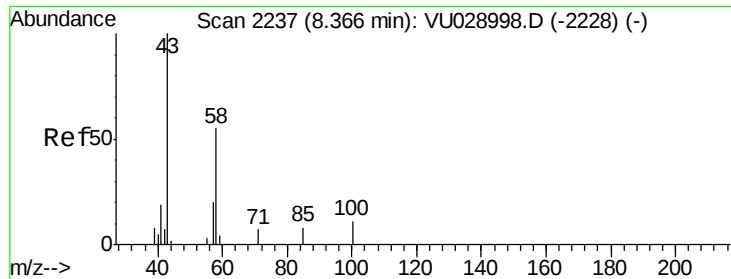
Tot Ion: 76 Resp: 141899  
 Ion Ratio Lower Upper  
 76 100  
 78 31.9 26.0 39.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 279.090 ug/l  
 RT: 7.12 min Scan# 1851  
 Delta R.T. -0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

Tgt Ion: 63 Resp: 314925  
 Ion Ratio Lower Upper  
 63 100  
 106 25.3 20.6 31.0

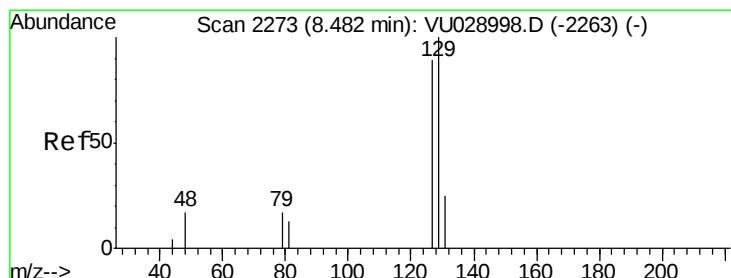
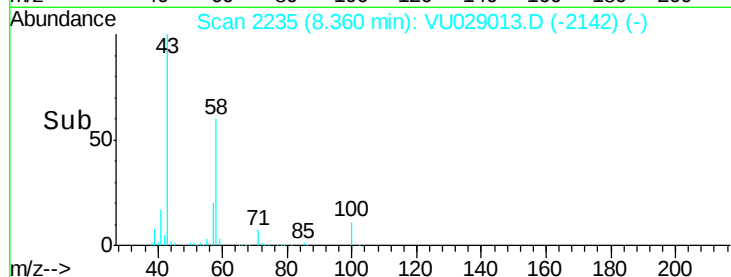
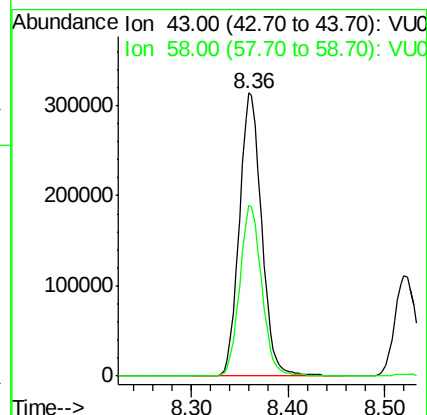
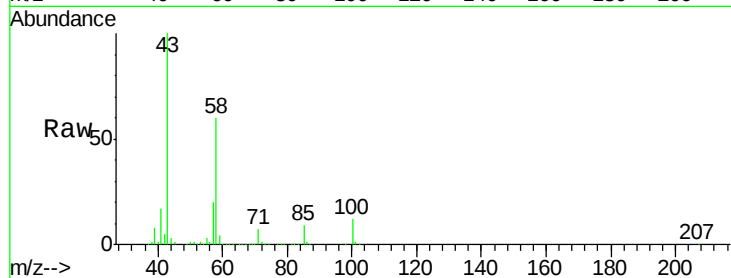




#59  
2-Hexanone  
Concen: 255.828 ug/l  
RT: 8.36 min Scan# 2235  
Delta R.T. -0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

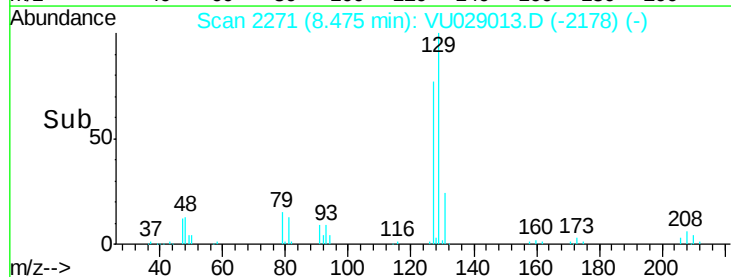
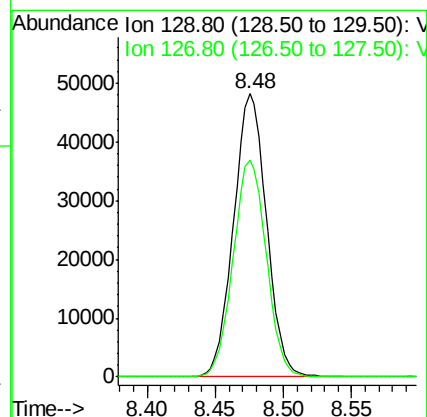
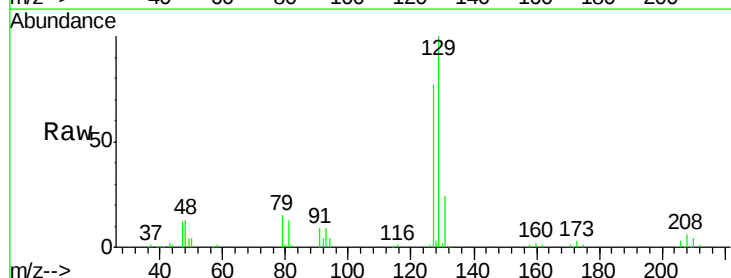
Instrument :  
MSVOA\_U  
ClientSampleId :

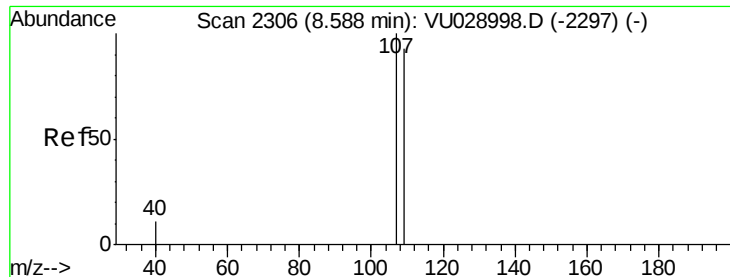
Tot Ion: 43 Resp: 503795  
Ion Ratio Lower Upper  
43 100  
58 59.8 29.8 89.4



#60  
Dibromochloromethane  
Concen: 49.025 ug/l  
RT: 8.48 min Scan# 2271  
Delta R.T. -0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Tgt Ion: 129 Resp: 80891  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.0 114.0





#61

1,2-Dibromoethane

Concen: 49.740 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA\_U

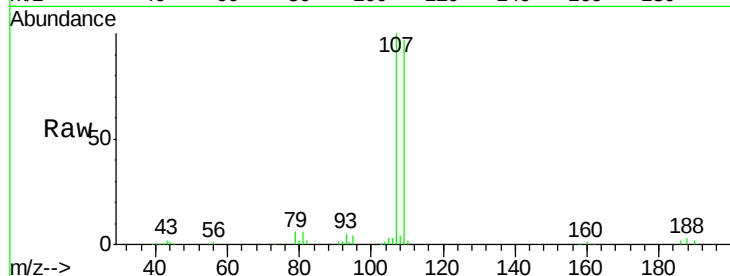
ClientSampleId :

Tot Ion:107 Resp: 89844

Ion Ratio Lower Upper

107 100

109 94.9 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.58

60000

50000

40000

30000

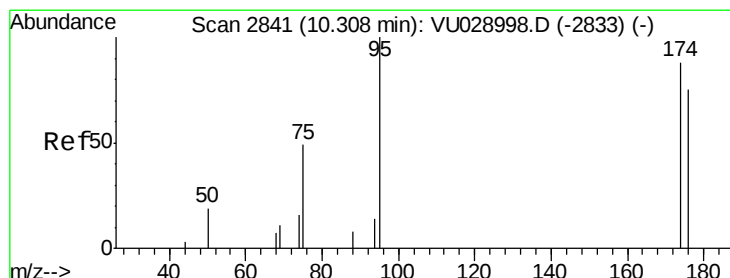
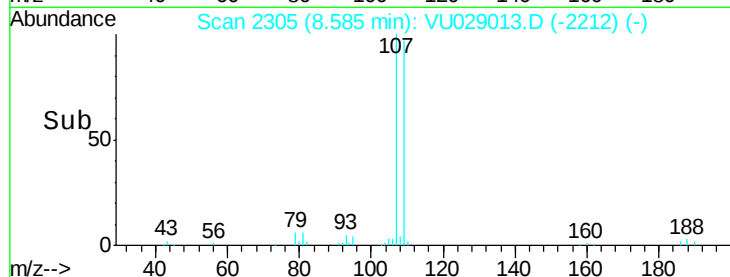
20000

10000

0

8.50 8.55 8.60 8.65 8.70

Time-->



#62

4-Bromofluorobenzene

Concen: 48.934 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

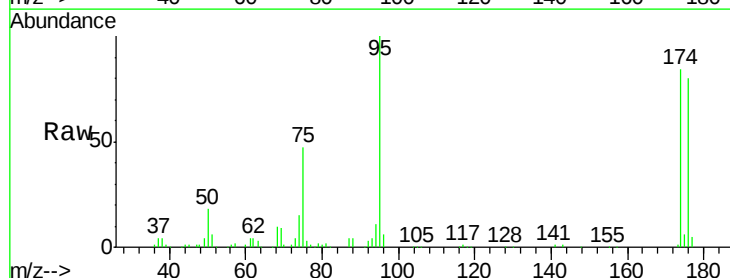
Tgt Ion: 95 Resp: 98573

Ion Ratio Lower Upper

95 100

174 84.1 0.0 170.6

176 80.8 0.0 165.0



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

10.30

80000

60000

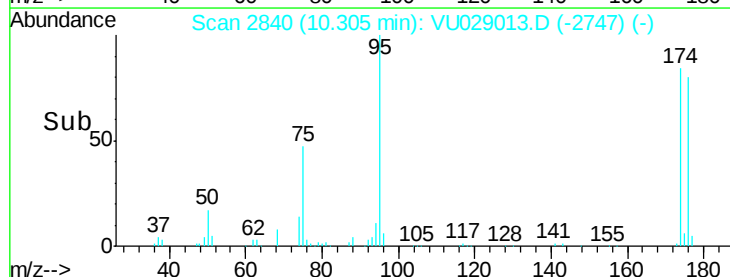
40000

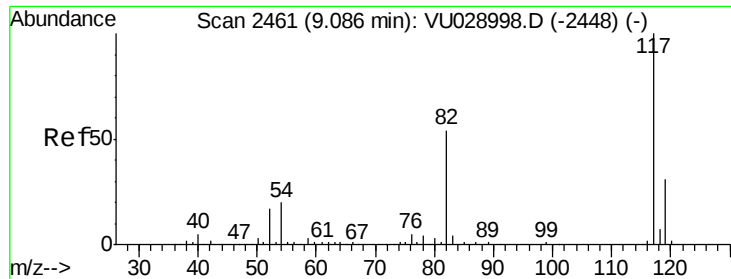
20000

0

10.30 10.40

Time-->

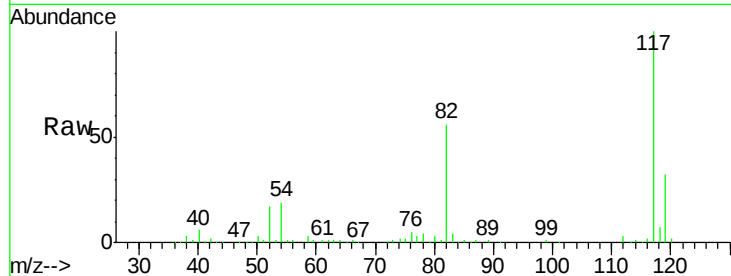




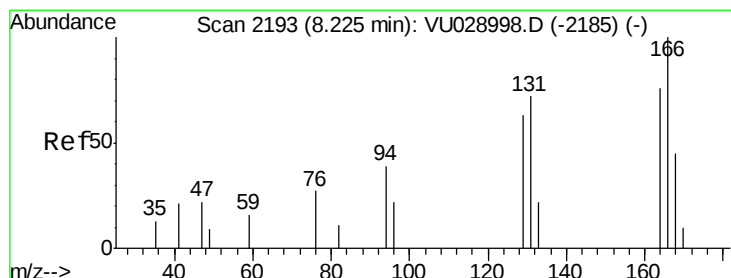
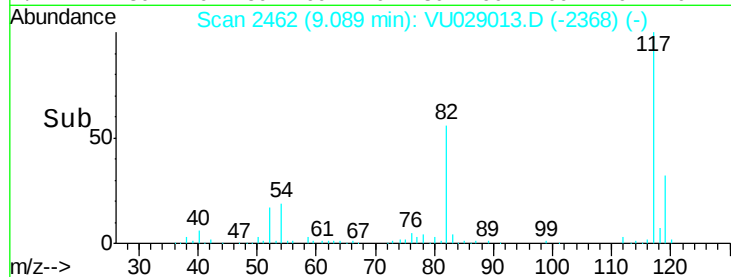
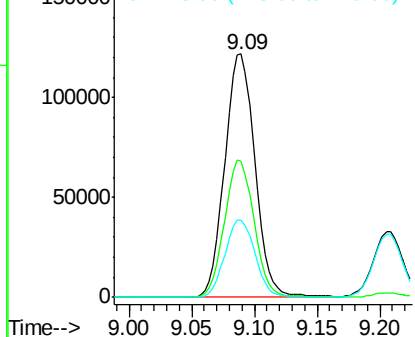
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.09 min Scan# 2462  
Delta R.T. 0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion:117 Resp: 203745  
Ion Ratio Lower Upper  
117 100  
82 55.7 43.9 65.9  
119 31.8 26.0 39.0

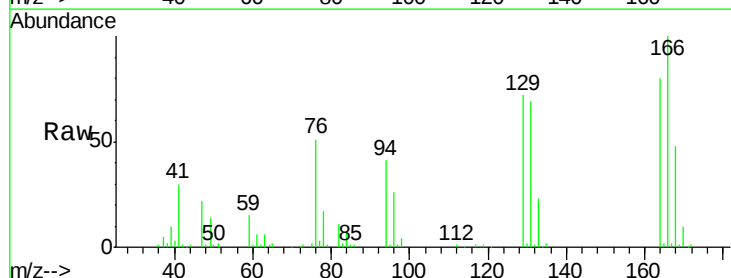


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VU028998.D (-2448) (-)  
Ion 118.90 (118.60 to 119.60): V

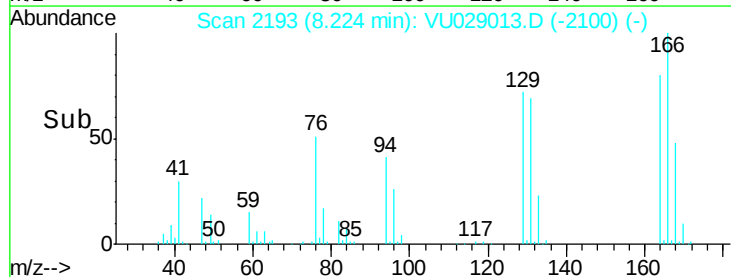
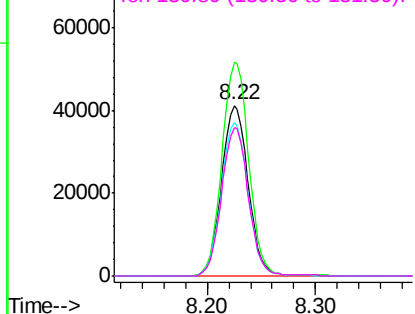


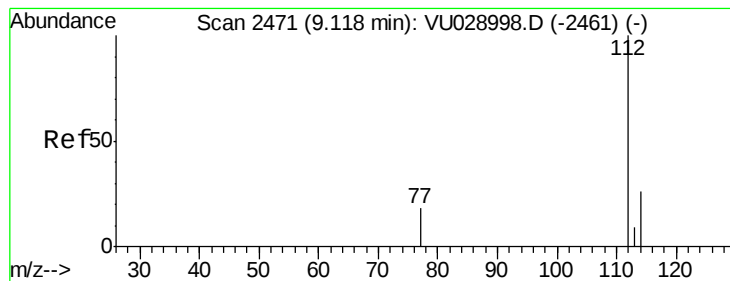
#64  
Tetrachloroethene  
Concen: 48.369 ug/l  
RT: 8.22 min Scan# 2193  
Delta R.T. -0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Tgt Ion:164 Resp: 70991  
Ion Ratio Lower Upper  
164 100  
166 125.3 99.4 149.0  
129 90.4 70.5 105.7  
131 87.0 69.0 103.6



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): VU028998.D (-2185) (-)  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 47.921 ug/l

RT: 9.12 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

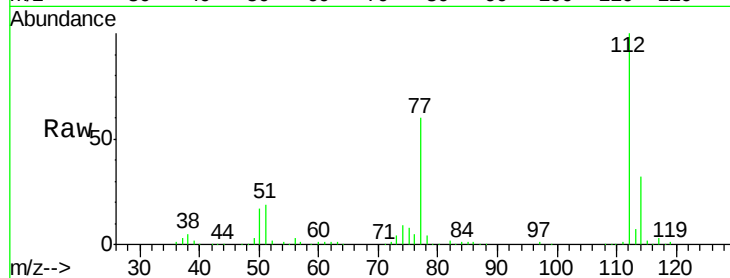
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion:112 Resp: 218857

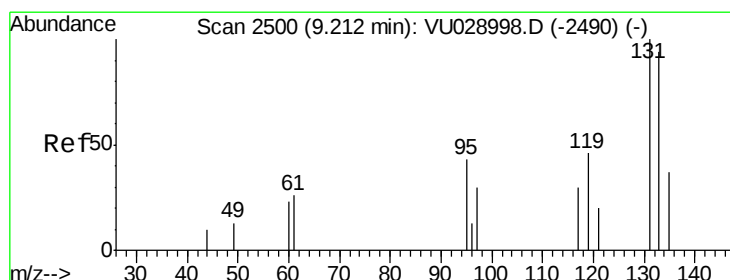
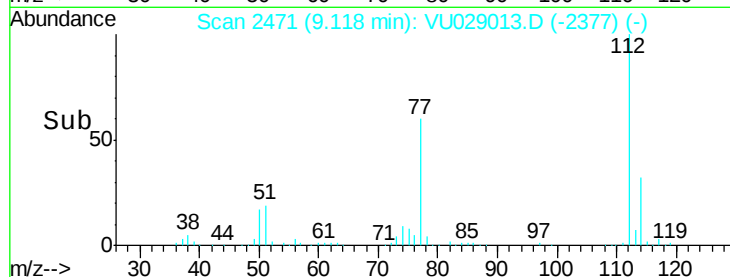
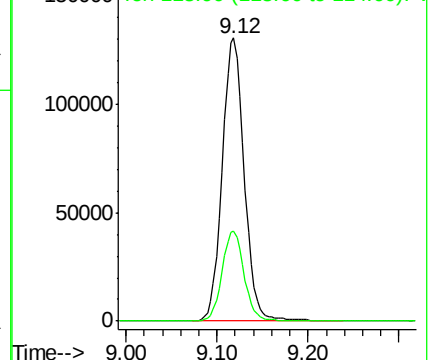
Ion Ratio Lower Upper

112 100

114 31.8 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V  
Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.419 ug/l

RT: 9.21 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

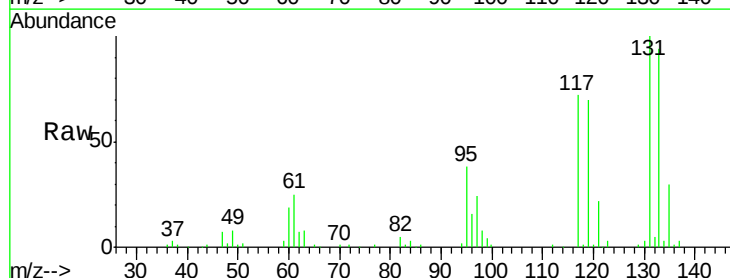
Tgt Ion:131 Resp: 74726

Ion Ratio Lower Upper

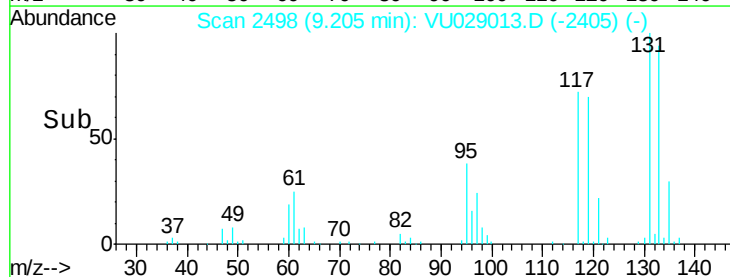
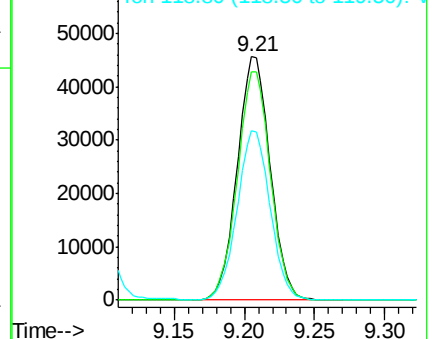
131 100

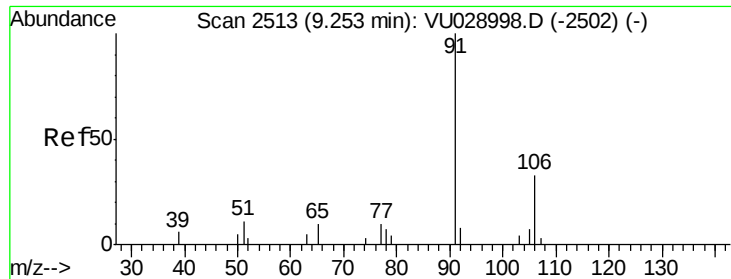
133 94.2 48.2 144.6

119 69.8 35.4 106.3



Abundance Ion 130.80 (130.50 to 131.50): V  
Ion 132.80 (132.50 to 133.50): V  
Ion 118.80 (118.50 to 119.50): V

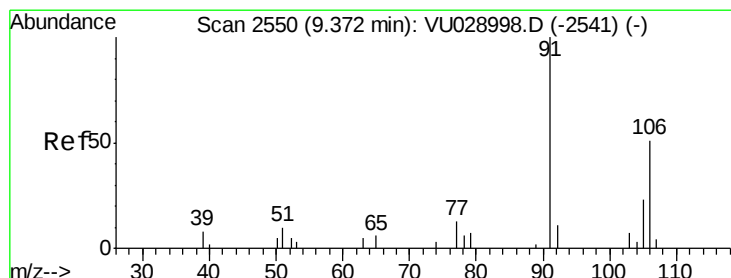
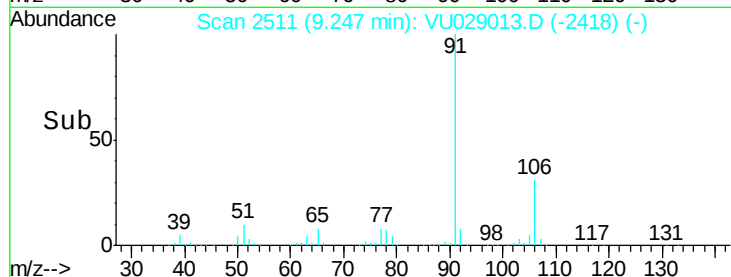
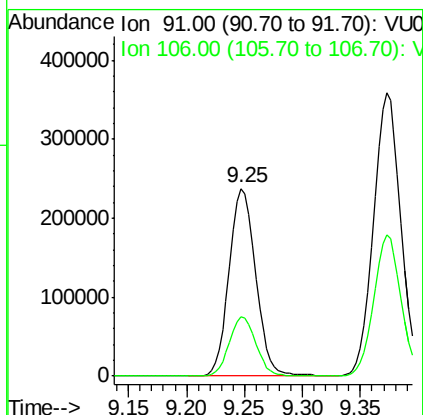
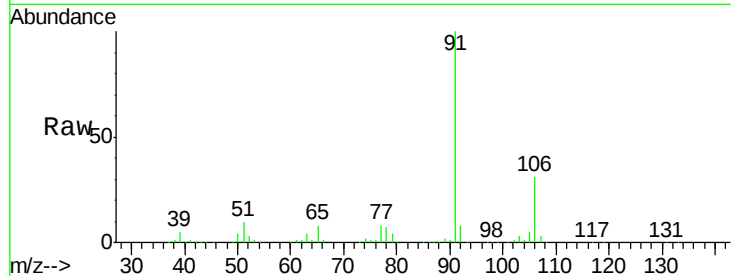




#67  
Ethyl Benzene  
Concen: 49.839 ug/l  
RT: 9.25 min Scan# 2511  
Delta R.T. -0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

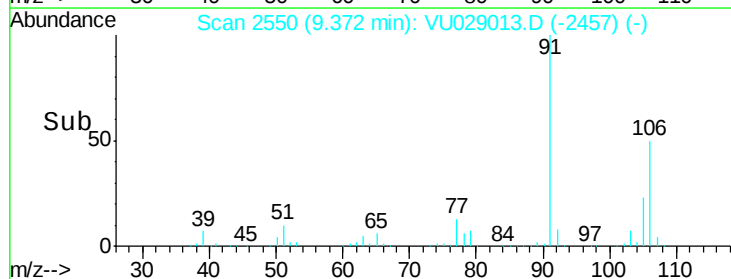
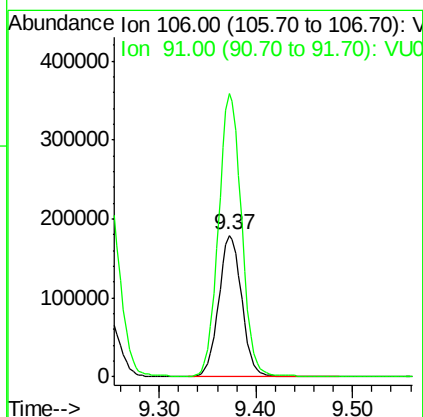
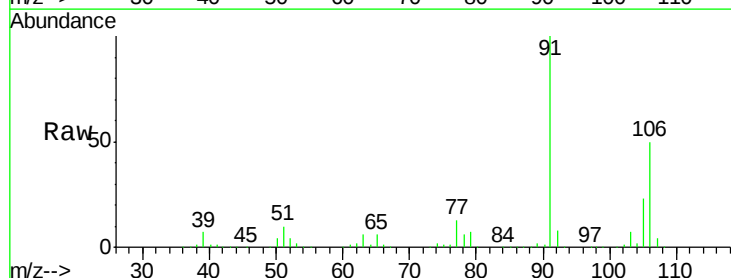
Instrument :  
MSVOA\_U  
ClientSampled :

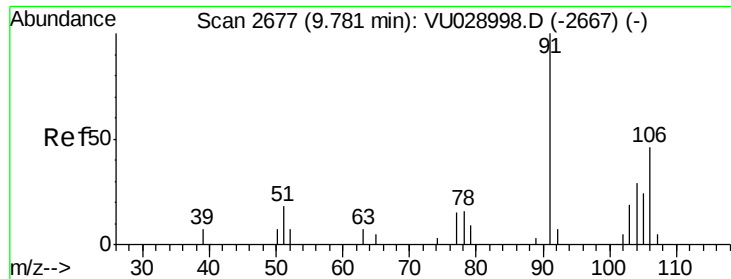
Tot Ion: 91 Resp: 380019  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.0 37.4



#68  
m/p-Xylenes  
Concen: 100.001 ug/l  
RT: 9.37 min Scan# 2550  
Delta R.T. -0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Tgt Ion: 106 Resp: 296266  
Ion Ratio Lower Upper  
106 100  
91 200.8 161.7 242.5

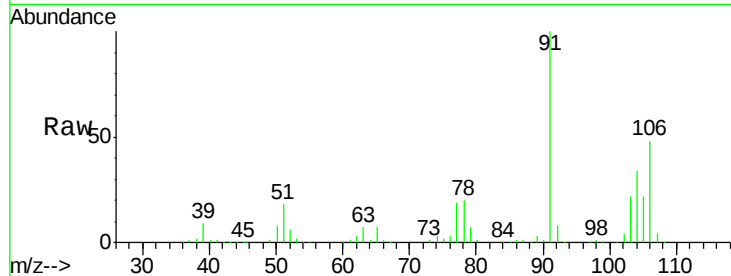




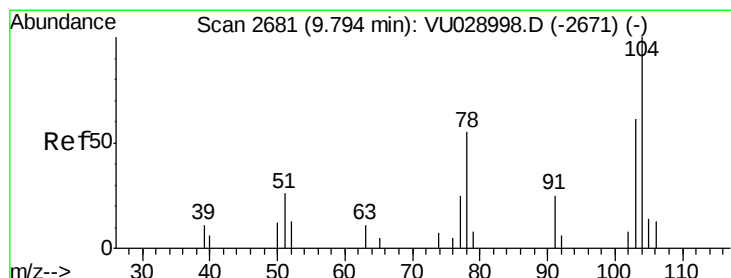
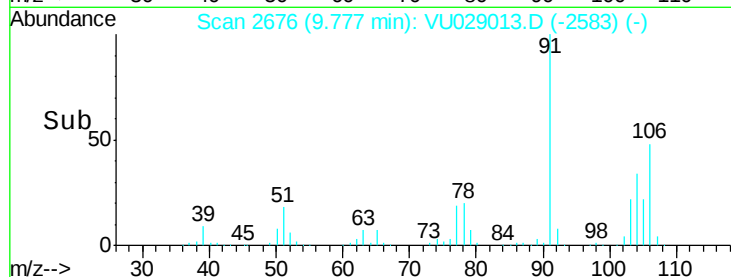
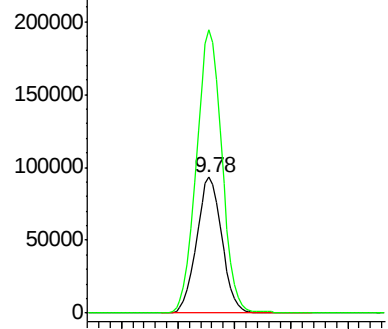
#69  
o-Xylene  
Concen: 50.890 ug/l  
RT: 9.78 min Scan# 2676  
Delta R.T. -0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion:106 Resp: 145272  
Ion Ratio Lower Upper  
106 100  
91 210.0 106.1 318.3

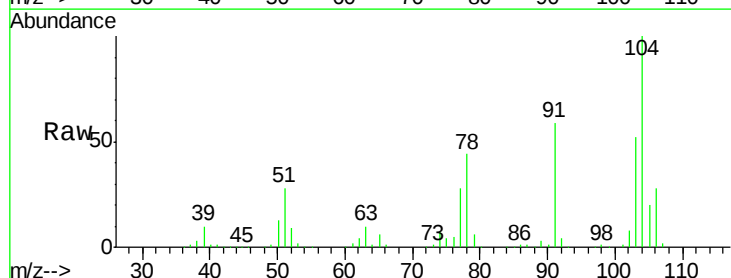


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VU0

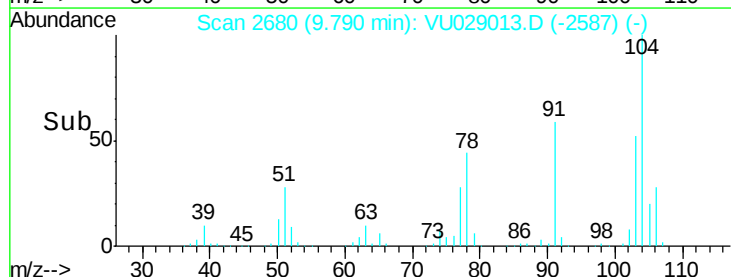
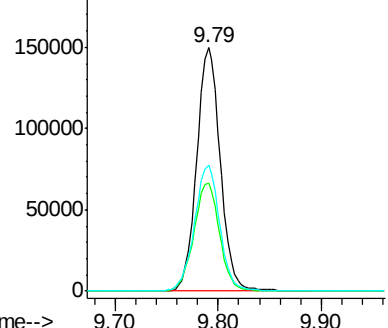


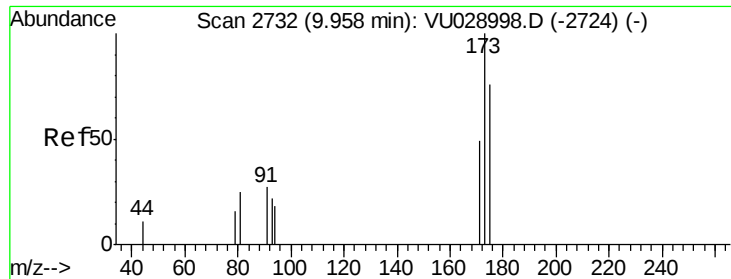
#70  
Styrene  
Concen: 51.040 ug/l  
RT: 9.79 min Scan# 2680  
Delta R.T. -0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Tgt Ion:104 Resp: 238852  
Ion Ratio Lower Upper  
104 100  
78 48.4 38.6 58.0  
103 55.4 44.5 66.7



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: 50.346 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :  
MSVOA\_U  
ClientSampleId :

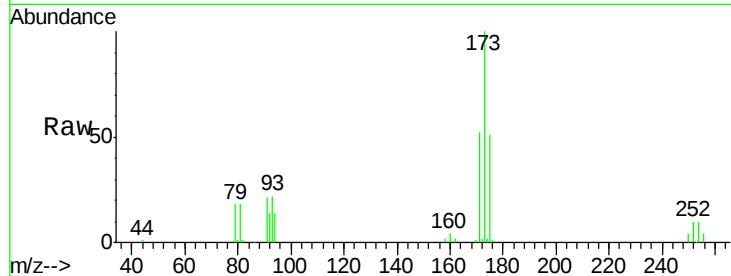
Tot Ion:173 Resp: 66440

Ion Ratio Lower Upper

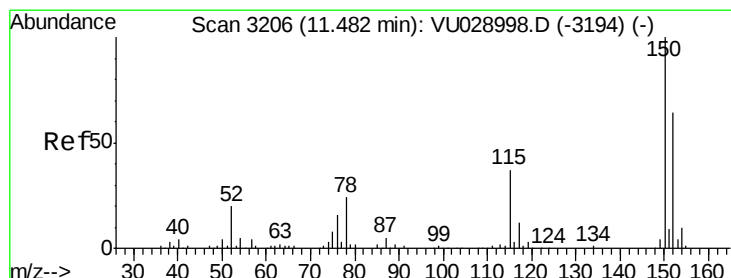
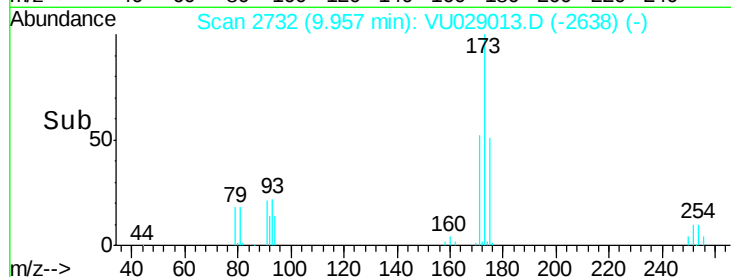
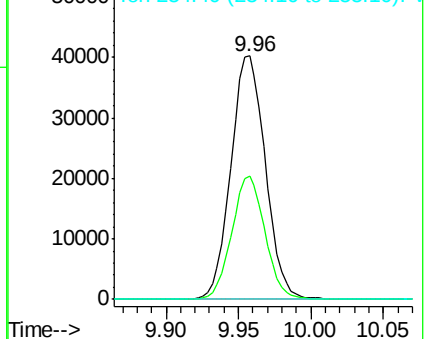
173 100

175 48.7 23.8 71.2

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# 3206

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

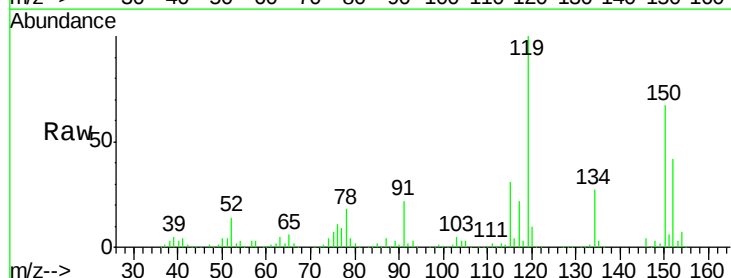
Tgt Ion:152 Resp: 100446

Ion Ratio Lower Upper

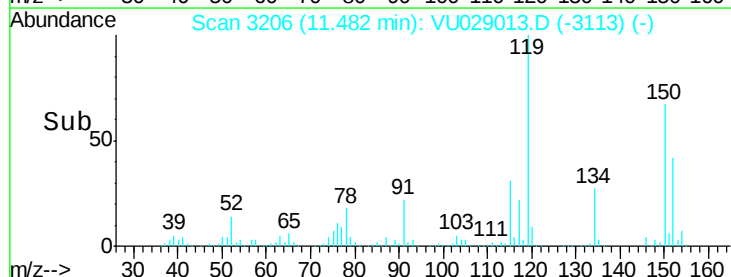
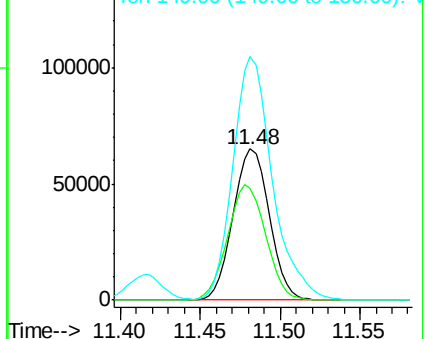
152 100

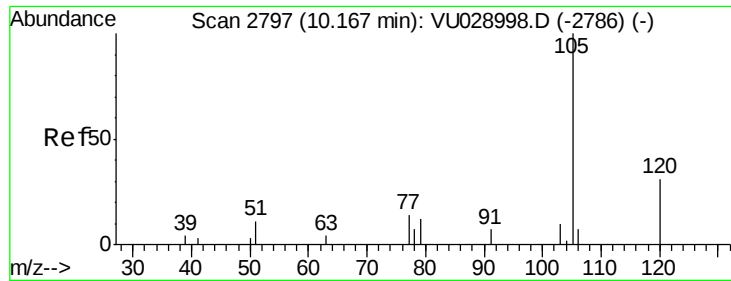
115 80.1 40.1 120.3

150 175.5 0.0 345.2



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





#73

Isopropylbenzene

Concen: 50.173 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA\_U

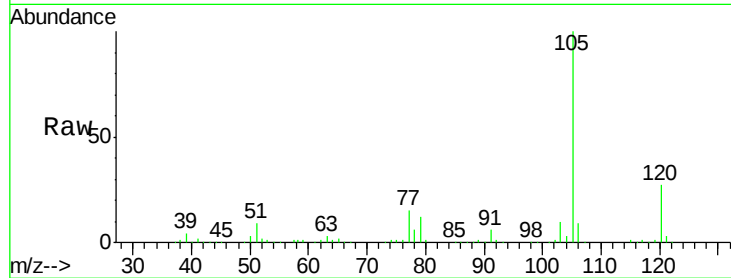
ClientSampleId :

Tot Ion:105 Resp: 373025

Ion Ratio Lower Upper

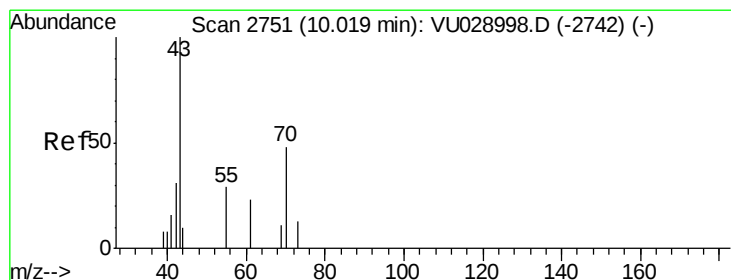
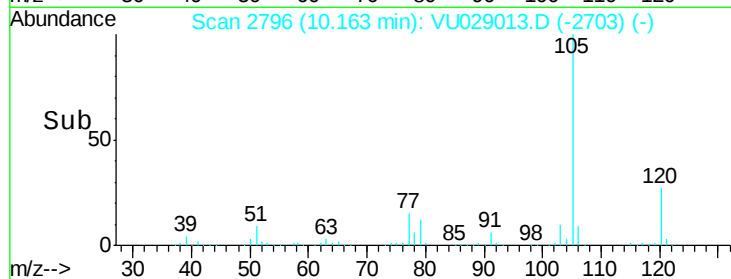
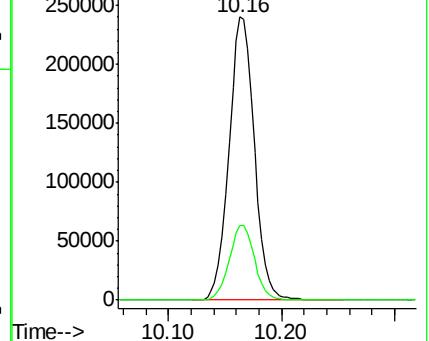
105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.153 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Tgt Ion: 43 Resp: 173492

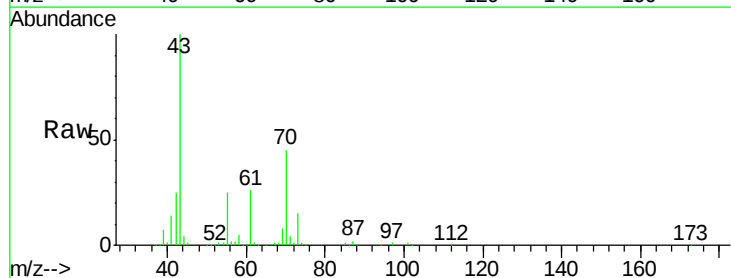
Ion Ratio Lower Upper

43 100

70 45.2 36.3 54.5

55 25.6 20.5 30.7

61 26.3 21.8 32.8

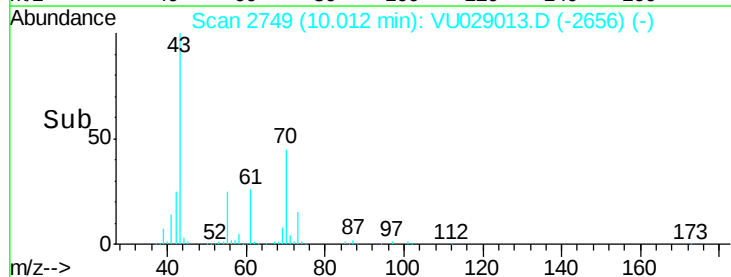
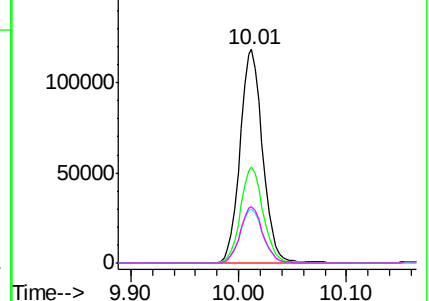


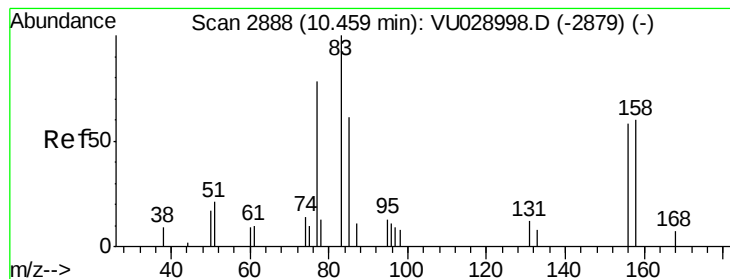
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 49.337 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA\_U

ClientSampled :

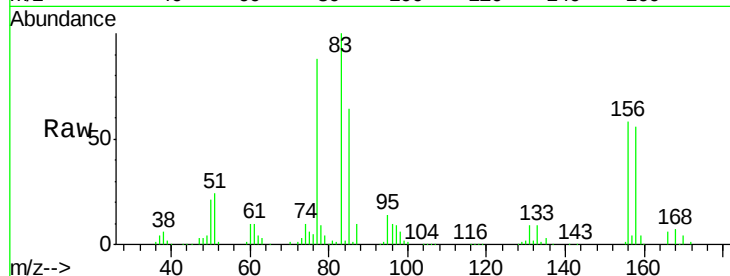
Tot Ion: 83 Resp: 147011

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.1

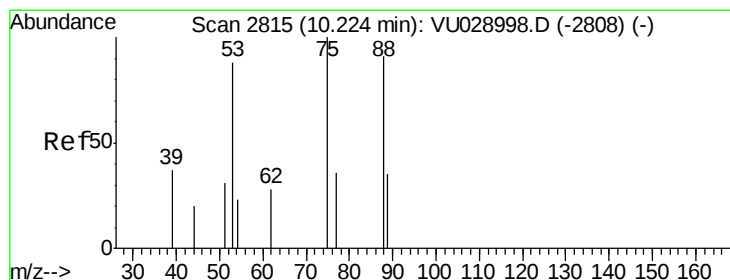
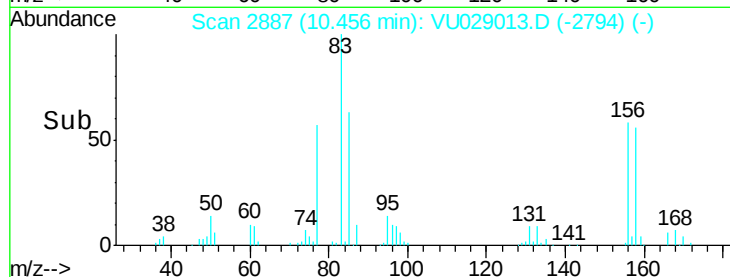
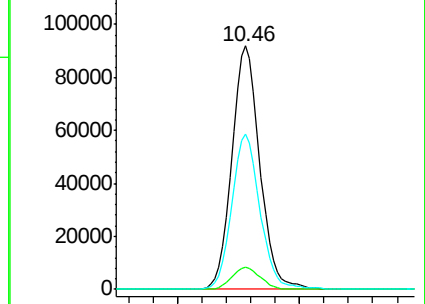
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VU028998.D (-2879) (-)

Ion 130.80 (130.50 to 131.50): VU028998.D (-2879) (-)

Ion 84.90 (84.60 to 85.60): VU028998.D (-2879) (-)



#76

1,2,3-Trichloropropane

Concen: 69.068 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VU029013.D

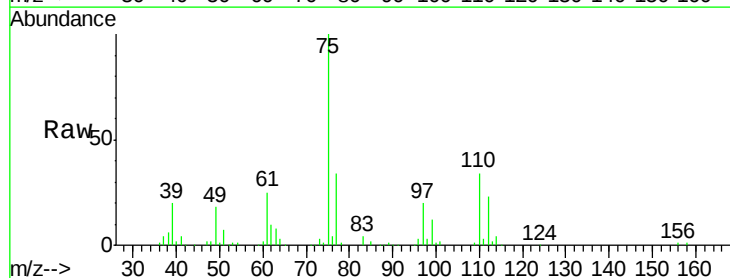
Acq: 03 Jan 2019 21:38

Tgt Ion: 75 Resp: 169981

Ion Ratio Lower Upper

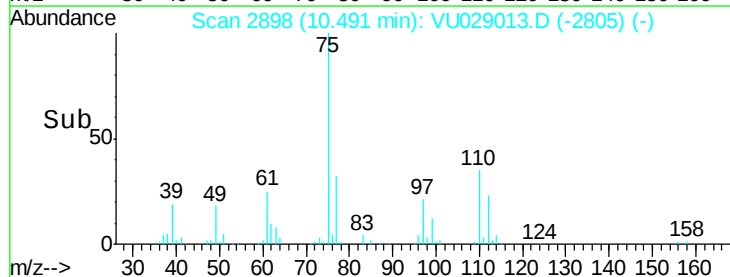
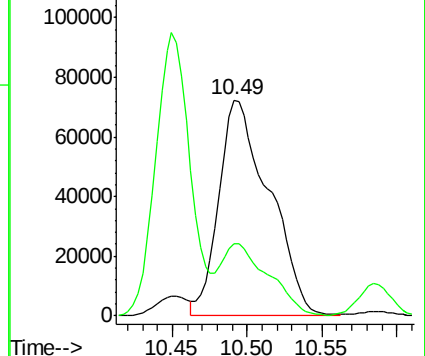
75 100

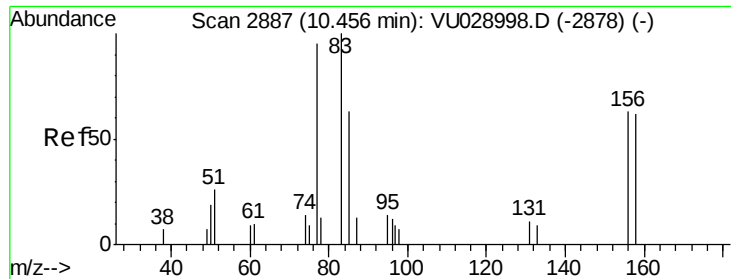
77 30.7 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU028998.D (-2808) (-)

Ion 77.00 (76.70 to 77.70): VU028998.D (-2808) (-)





#77

Bromobenzene

Concen: 49.746 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA\_U

ClientSampleId :

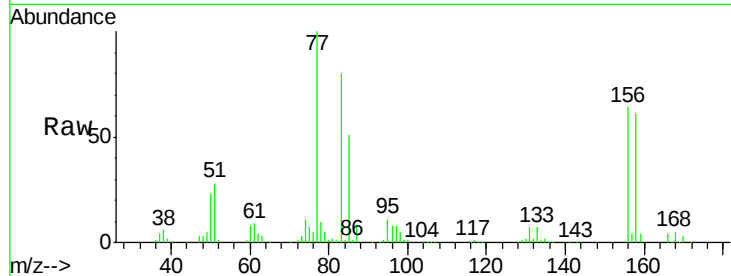
Tot Ion:156 Resp: 96382

Ion Ratio Lower Upper

156 100

77 157.2 79.0 237.2

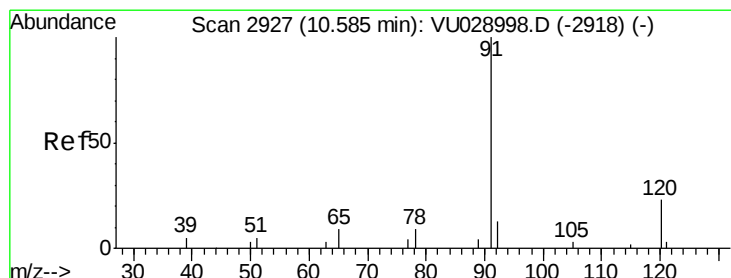
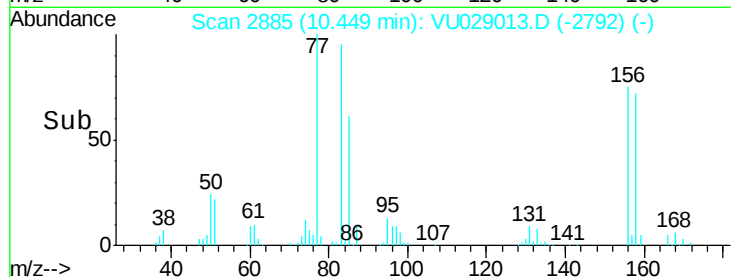
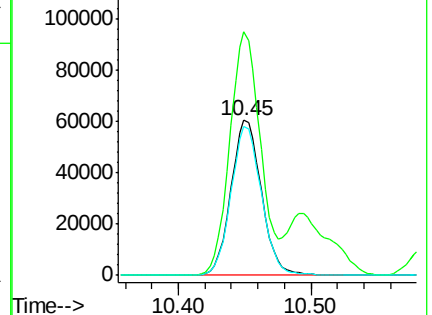
158 96.1 48.9 146.6



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: 50.780 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU029013.D

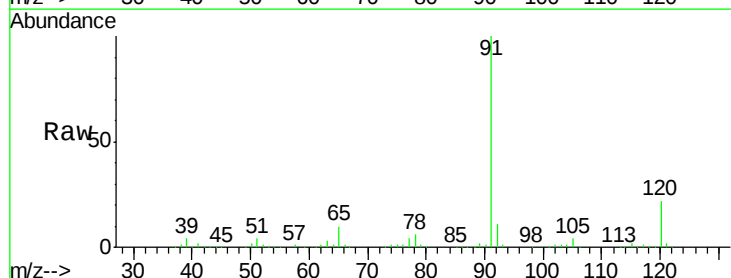
Acq: 03 Jan 2019 21:38

Tgt Ion: 91 Resp: 444923

Ion Ratio Lower Upper

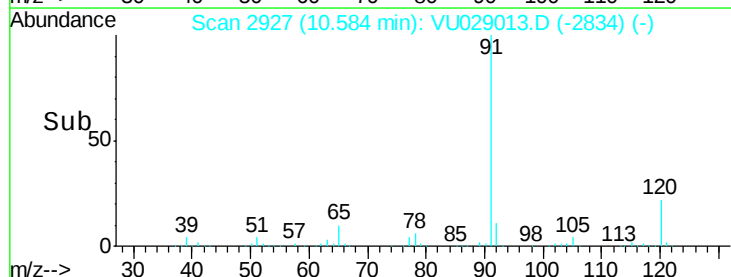
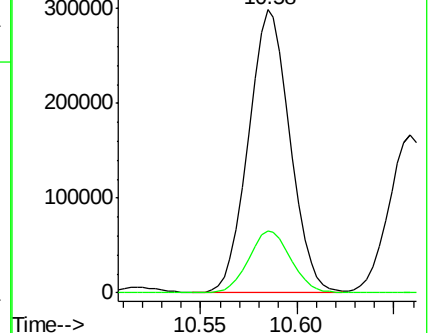
91 100

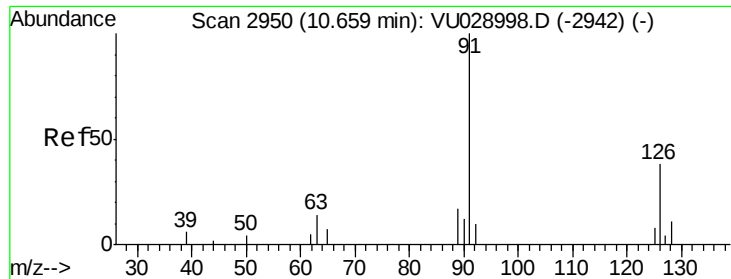
120 22.5 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

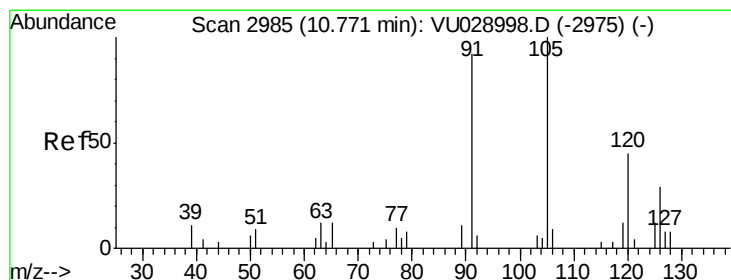
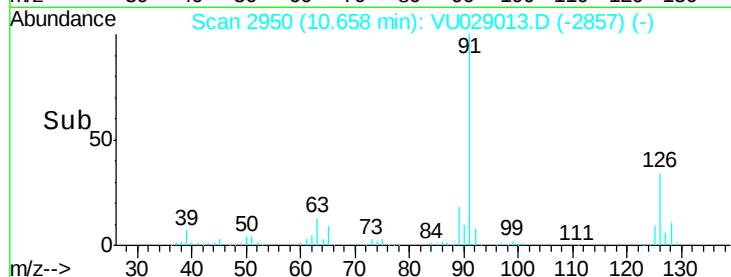
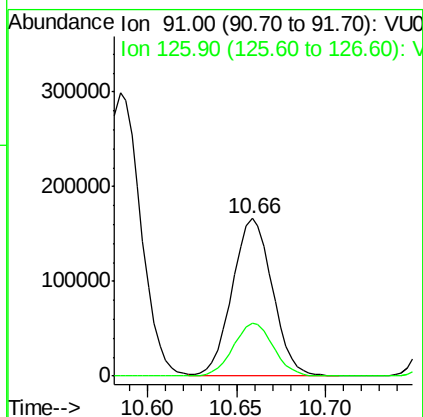
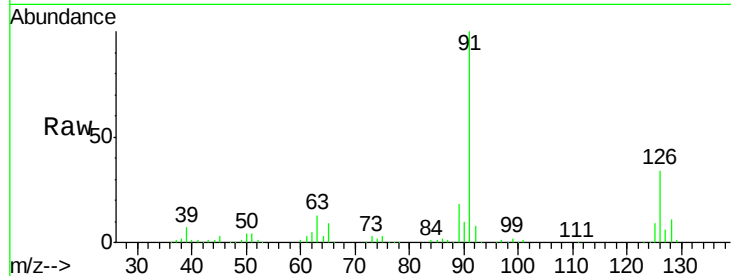




#79  
 2-Chlorotoluene  
 Concen: 48.900 ug/l  
 RT: 10.66 min Scan# 2950  
 Delta R.T. -0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

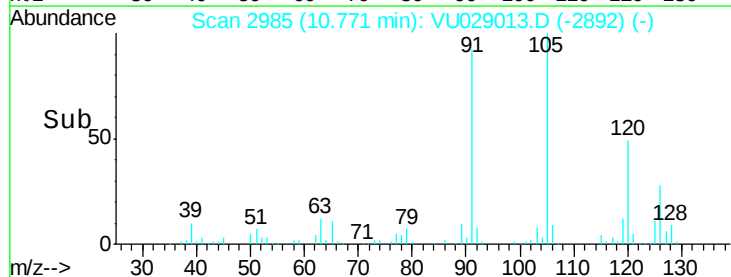
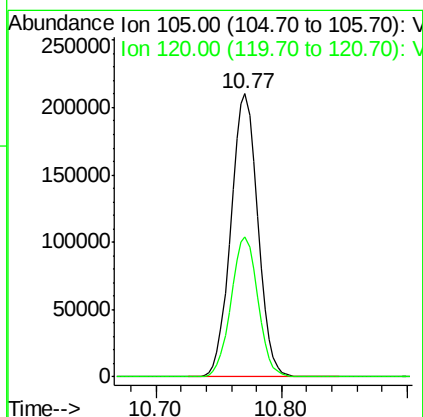
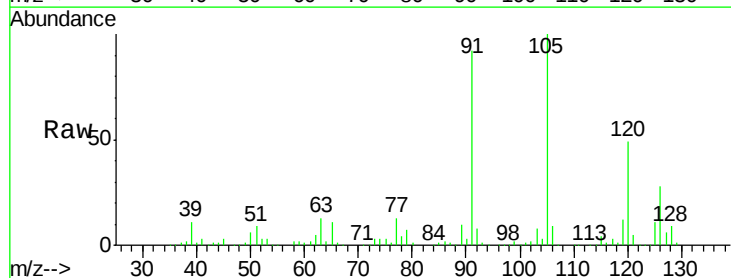
Instrument :  
 MSVOA\_U  
 ClientSampleId :

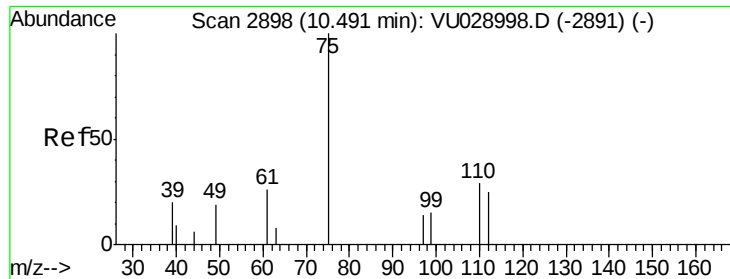
Tot Ion: 91 Resp: 259902  
 Ion Ratio Lower Upper  
 91 100  
 126 33.9 16.8 50.4



#80  
 1,3,5-Trimethylbenzene  
 Concen: 50.313 ug/l  
 RT: 10.77 min Scan# 2985  
 Delta R.T. -0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

Tgt Ion: 105 Resp: 312377  
 Ion Ratio Lower Upper  
 105 100  
 120 49.5 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 178.129 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.02 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA\_U

ClientSampleId :

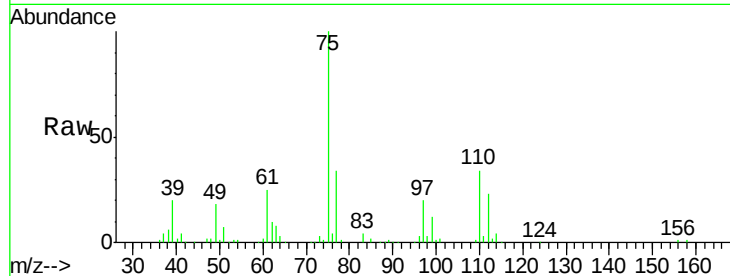
Tot Ion: 75 Resp: 169981

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

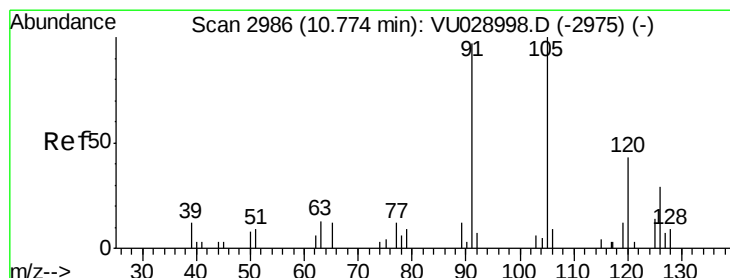
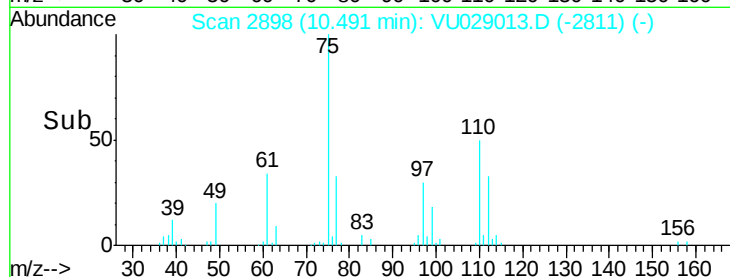
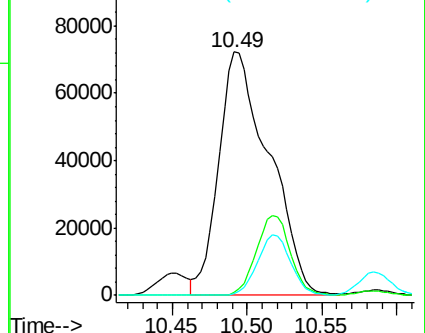
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU028998.D (-2891) (-)

Ion 53.00 (52.70 to 53.70): VU029013.D (-2811) (-)

Ion 88.90 (88.60 to 89.60): VU029013.D (-2811) (-)



#82

4-Chlorotoluene

Concen: 48.894 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU029013.D

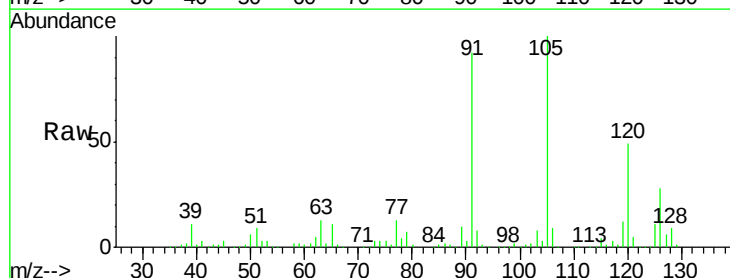
Acq: 03 Jan 2019 21:38

Tgt Ion: 91 Resp: 297982

Ion Ratio Lower Upper

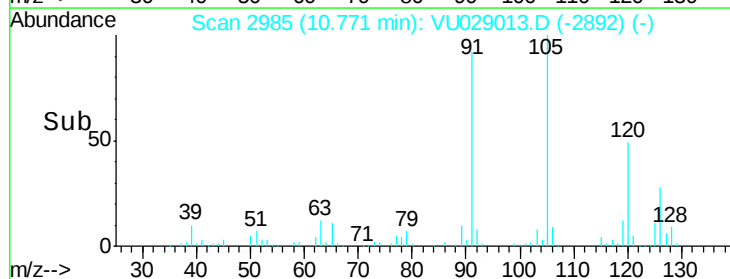
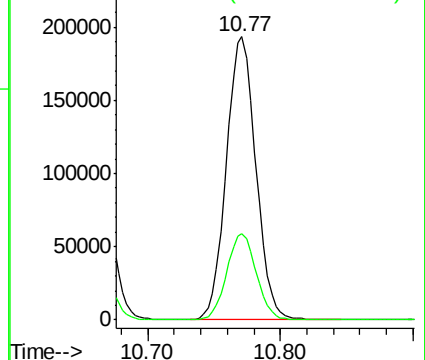
91 100

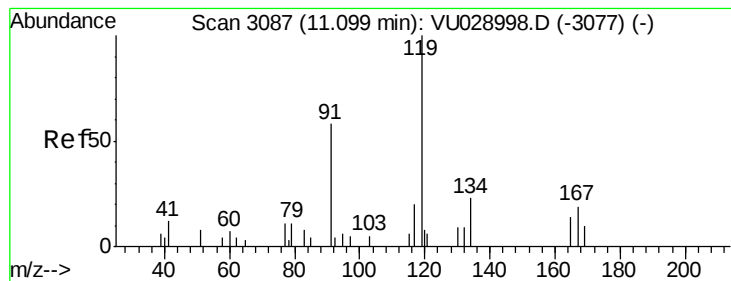
126 30.6 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VU028998.D (-2975) (-)

Ion 125.90 (125.60 to 126.60): VU029013.D (-2892) (-)





#83

tert-Butylbenzene

Concen: 49.737 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA\_U

ClientSampleId :

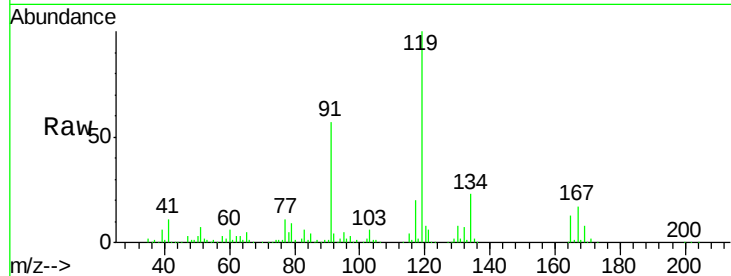
Tot Ion:119 Resp: 304361

Ion Ratio Lower Upper

119 100

91 56.9 28.2 84.6

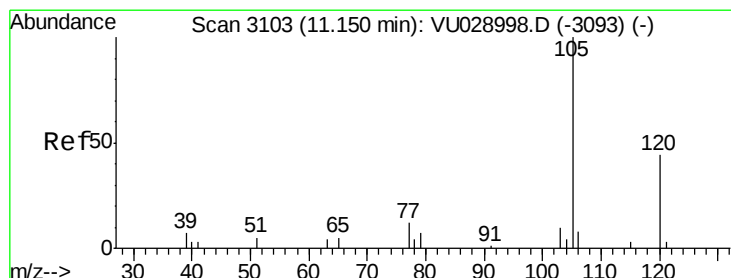
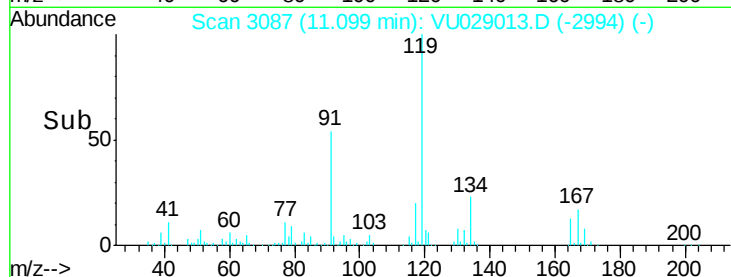
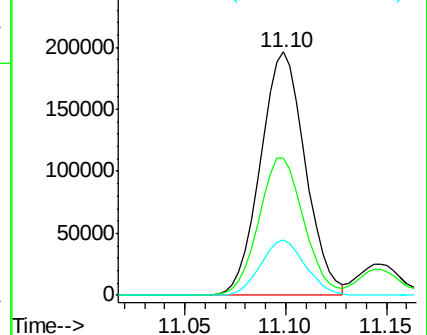
134 22.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.438 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU029013.D

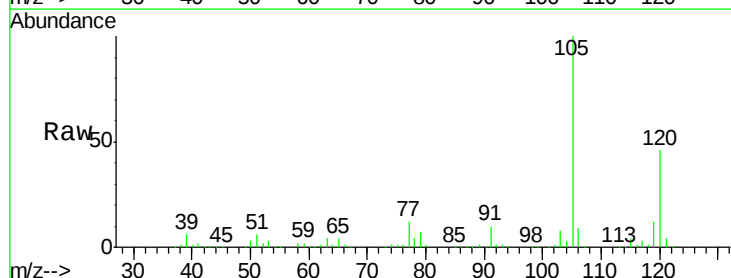
Acq: 03 Jan 2019 21:38

Tgt Ion:105 Resp: 318848

Ion Ratio Lower Upper

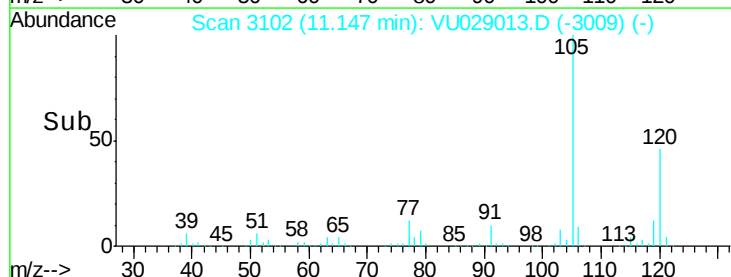
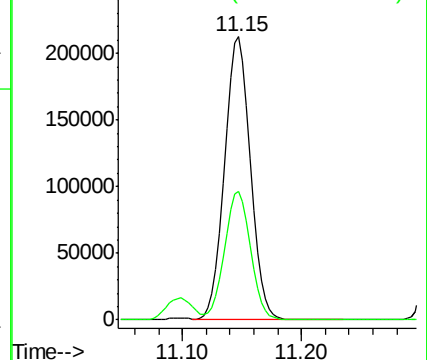
105 100

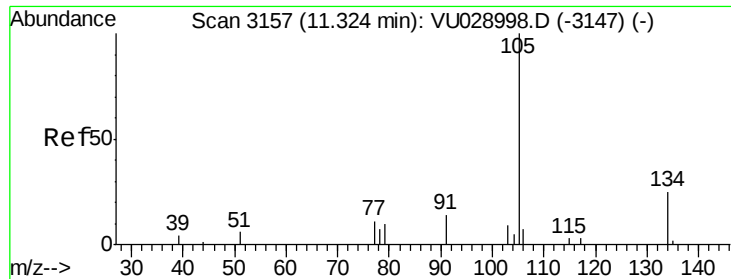
120 45.8 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.789 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA\_U

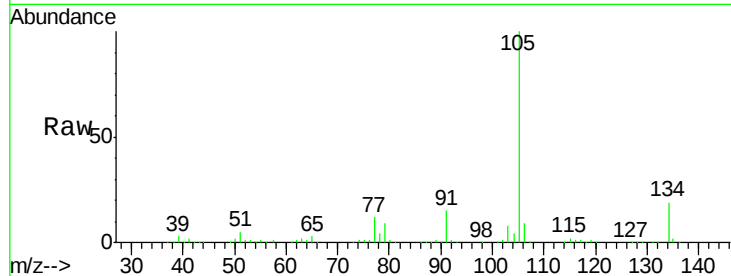
ClientSampleId :

Tot Ion:105 Resp: 375877

Ion Ratio Lower Upper

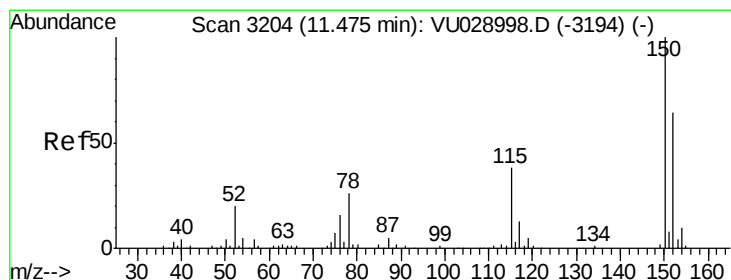
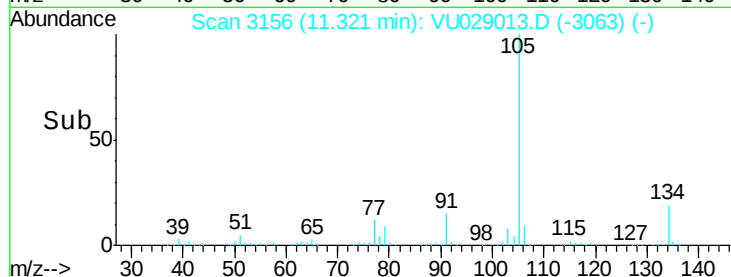
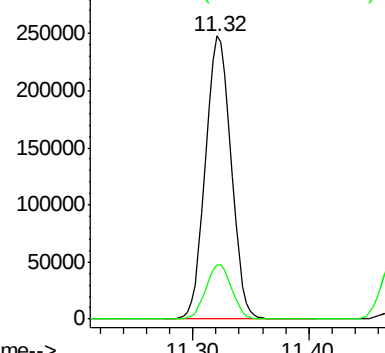
105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.756 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

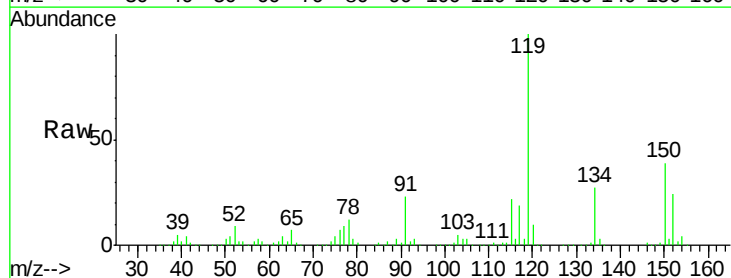
Tgt Ion:119 Resp: 320084

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

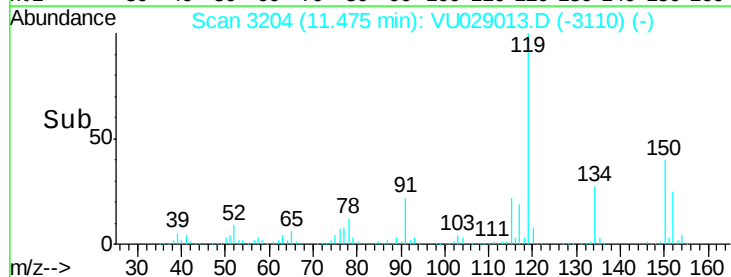
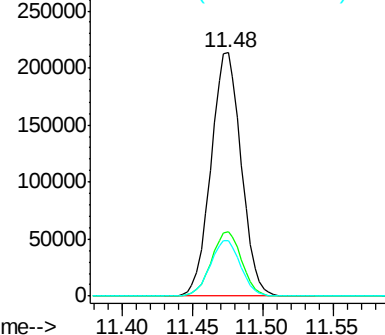
91 23.0 11.3 33.8

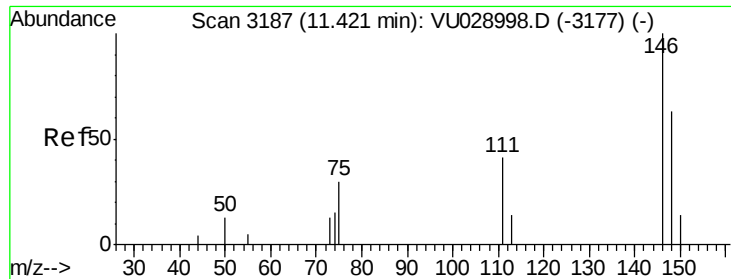


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

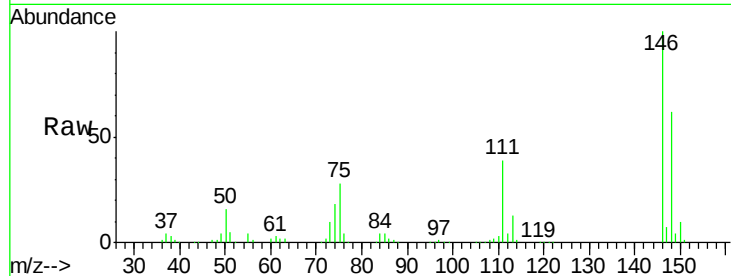




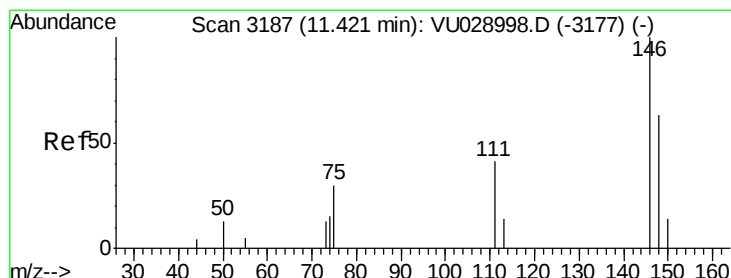
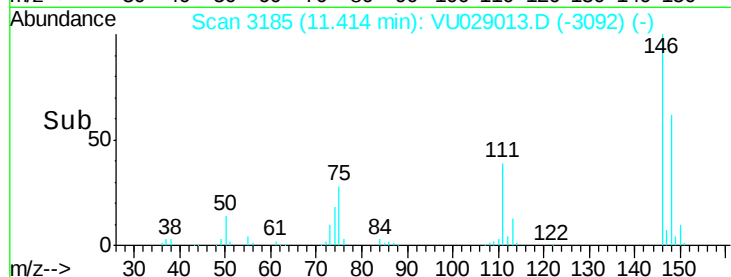
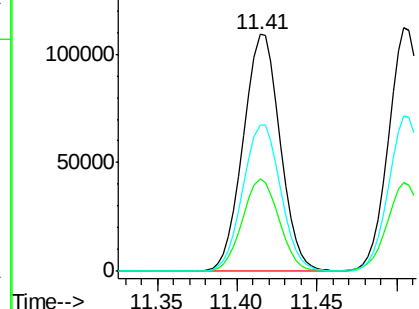
#87  
 1,3-Dichlorobenzene  
 Concen: 48.378 ug/l  
 RT: 11.41 min Scan# 3185  
 Delta R.T. -0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

Instrument :  
 MSVOA\_U  
 ClientSampled :

Tot Ion:146 Resp: 171925  
 Ion Ratio Lower Upper  
 146 100  
 111 38.6 19.3 57.8  
 148 63.0 32.5 97.5

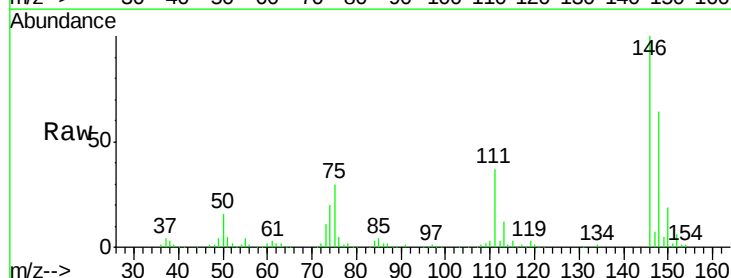


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

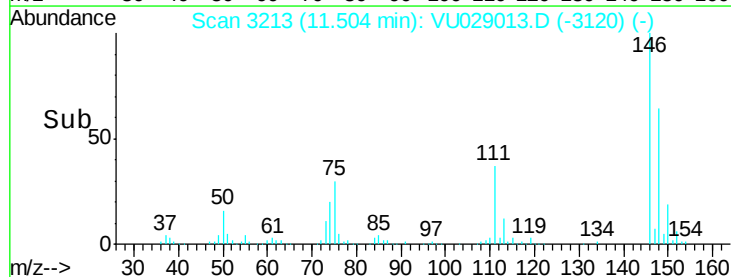
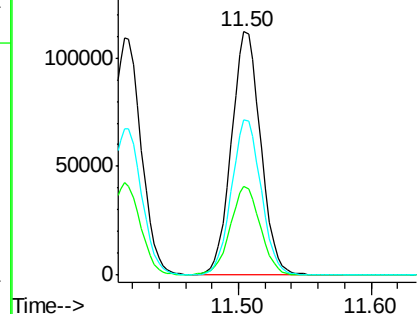


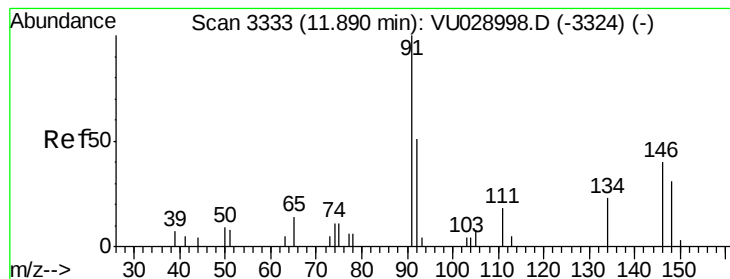
#88  
 1,4-Dichlorobenzene  
 Concen: 46.709 ug/l  
 RT: 11.50 min Scan# 3213  
 Delta R.T. -0.00 min  
 Lab File: VU029013.D  
 Acq: 03 Jan 2019 21:38

Tgt Ion:146 Resp: 171343  
 Ion Ratio Lower Upper  
 146 100  
 111 37.9 19.1 57.3  
 148 64.7 32.6 98.0



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





#89

n-Butylbenzene

Concen: 51.449 ug/l

RT: 11.89 min Scan# 3332

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA\_U

ClientSampleId :

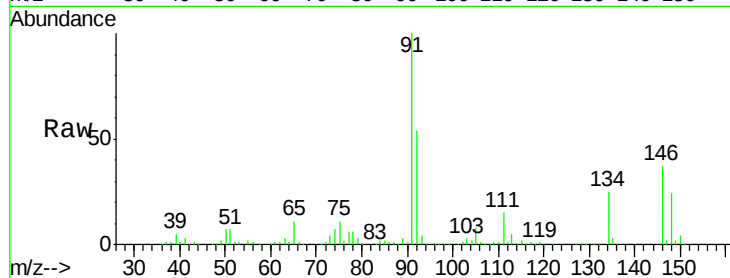
Tot Ion: 91 Resp: 289588

Ion Ratio Lower Upper

91 100

92 52.8 26.2 78.5

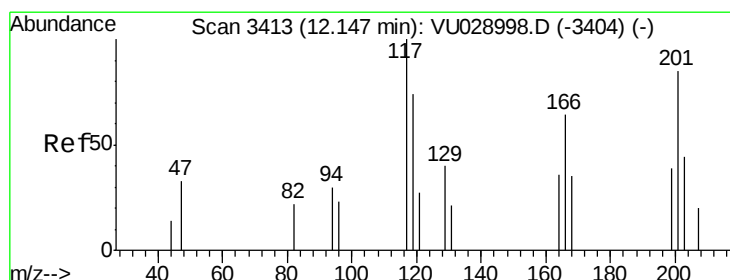
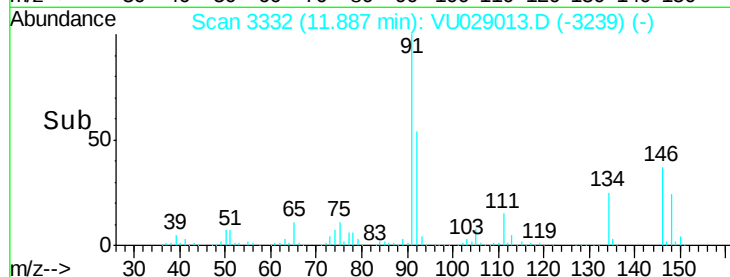
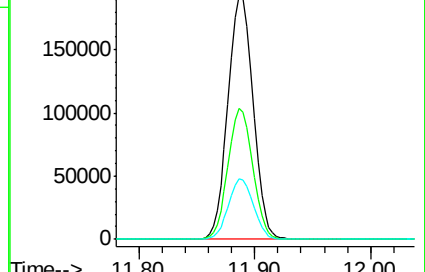
134 24.8 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VU028998.D (-3324) (-)

Ion 92.00 (91.70 to 92.70): VU028998.D (-3324) (-)

Ion 134.00 (133.70 to 134.70): VU028998.D (-3324) (-)



#90

Hexachloroethane

Concen: 49.865 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. -0.00 min

Lab File: VU029013.D

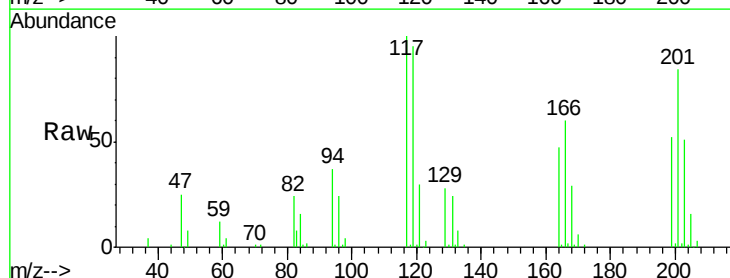
Acq: 03 Jan 2019 21:38

Tgt Ion: 117 Resp: 52902

Ion Ratio Lower Upper

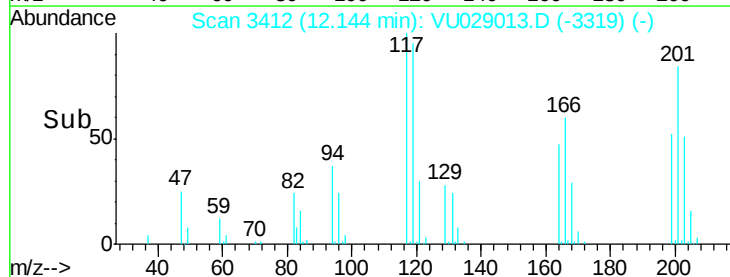
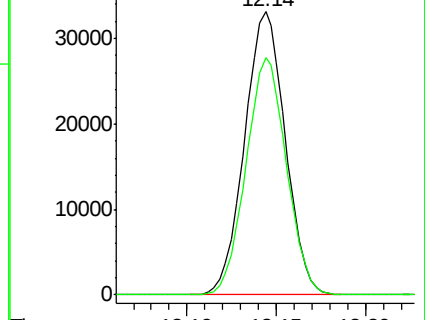
117 100

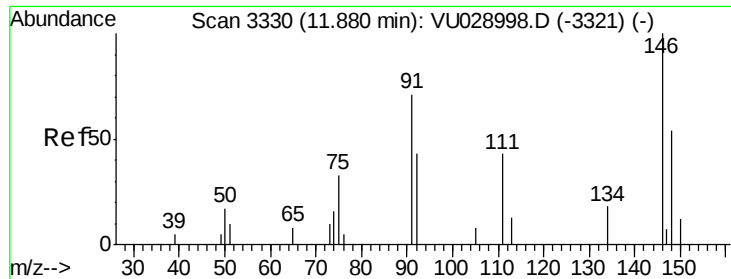
201 83.0 42.4 127.3



Abundance Ion 116.80 (116.50 to 117.50): VU028998.D (-3404) (-)

Ion 200.70 (200.40 to 201.40): VU028998.D (-3404) (-)





#91

1,2-Dichlorobenzene

Concen: 47.936 ug/l

RT: 11.88 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA\_U

ClientSampled :

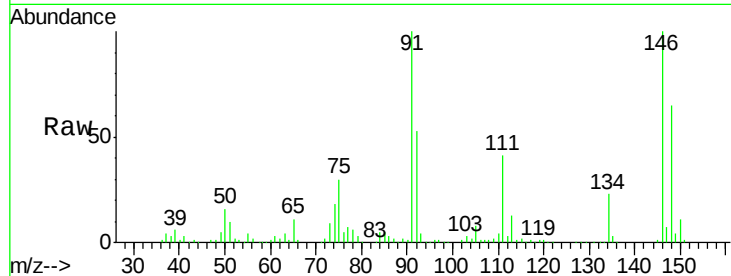
Tot Ion:146 Resp: 171588

Ion Ratio Lower Upper

146 100

111 40.6 20.0 59.9

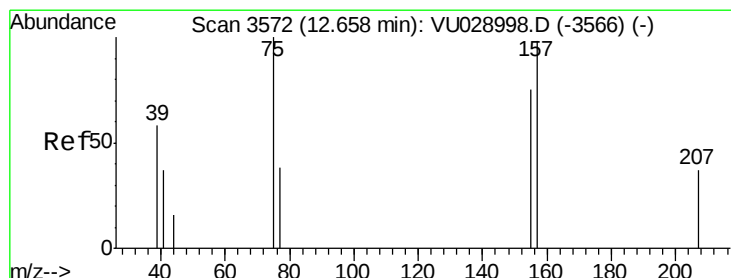
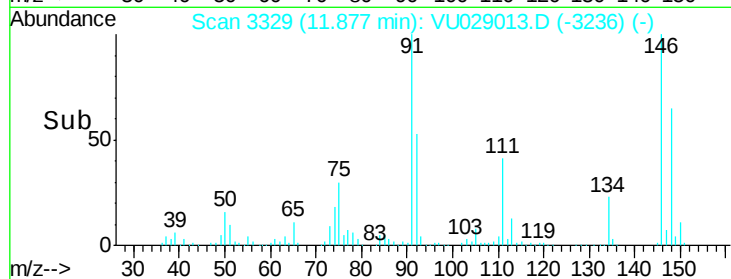
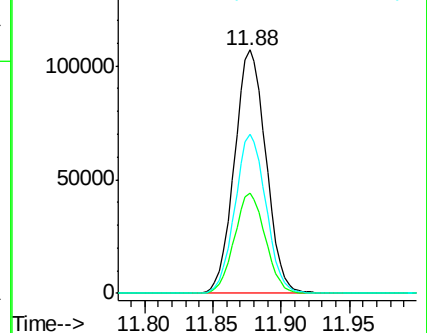
148 64.4 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.777 ug/l

RT: 12.65 min Scan# 3570

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

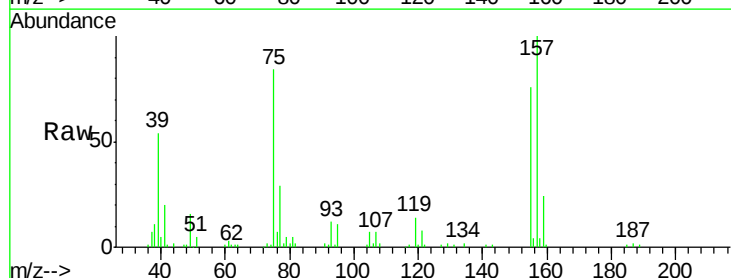
Tgt Ion: 75 Resp: 30247

Ion Ratio Lower Upper

75 100

155 90.2 46.3 138.8

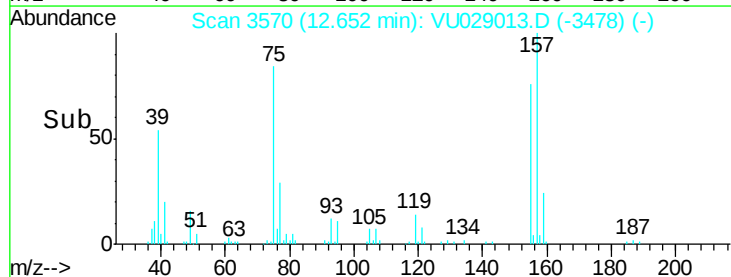
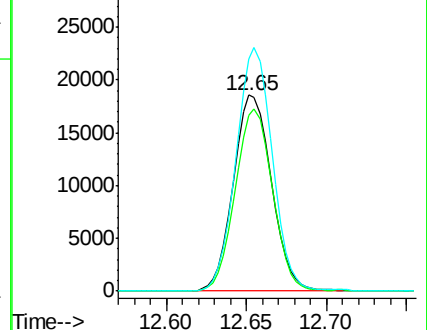
157 117.5 57.4 172.0

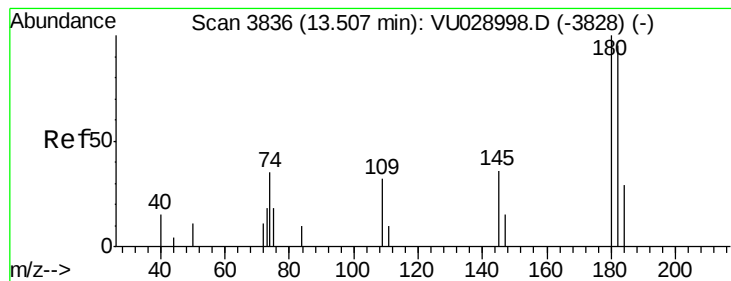


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 48.936 ug/l

RT: 13.50 min Scan# 3834

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA\_U

ClientSampled :

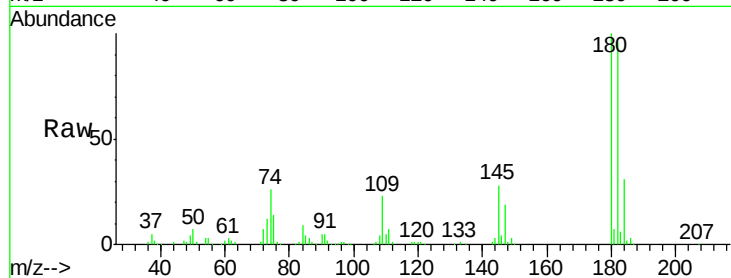
Tot Ion:180 Resp: 111817

Ion Ratio Lower Upper

180 100

182 96.7 47.5 142.6

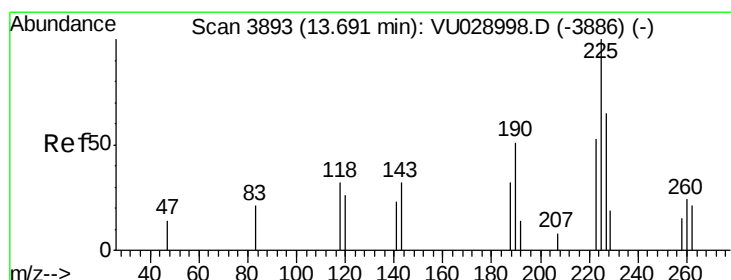
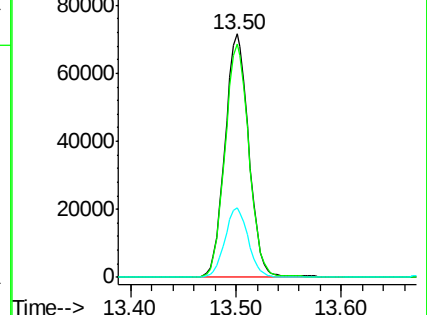
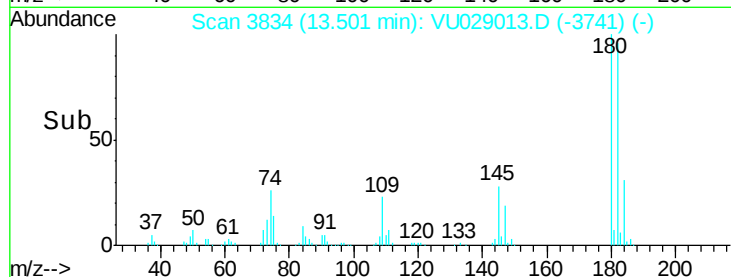
145 28.2 14.0 42.0



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: 47.809 ug/l

RT: 13.69 min Scan# 3893

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

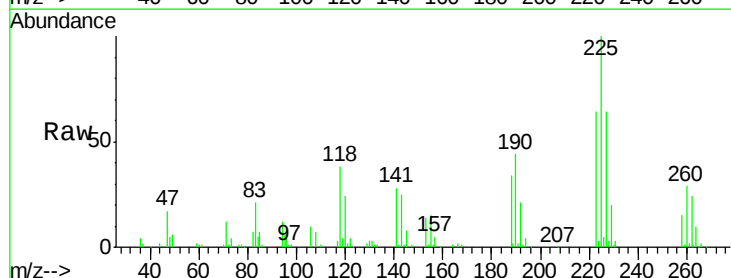
Tgt Ion:225 Resp: 49967

Ion Ratio Lower Upper

225 100

223 62.6 31.4 94.0

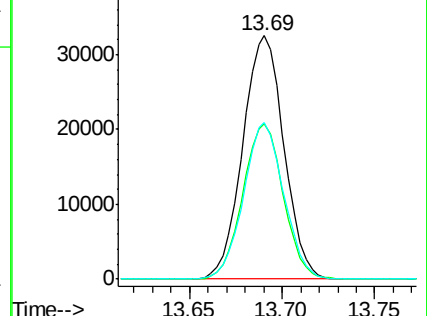
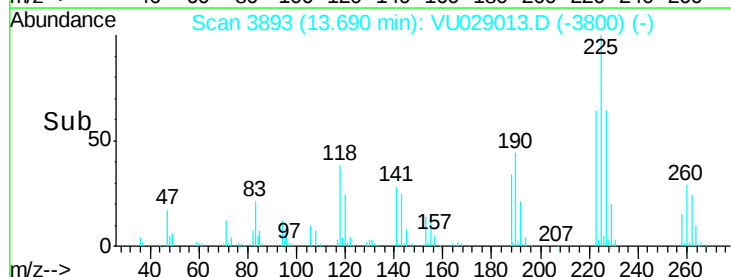
227 62.7 31.9 95.5

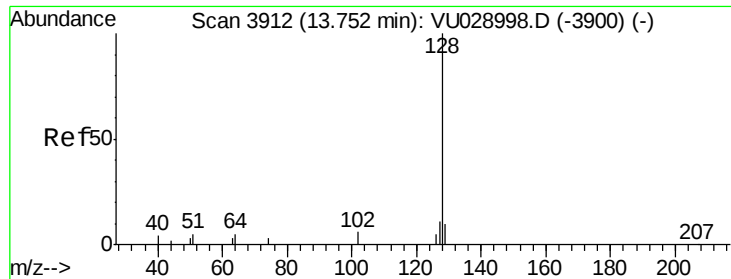


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

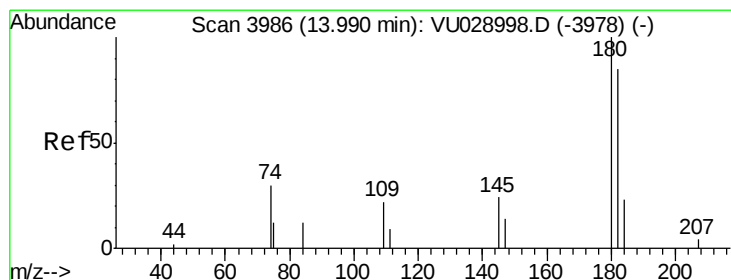
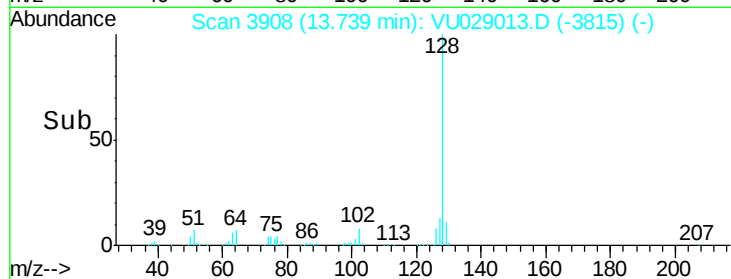
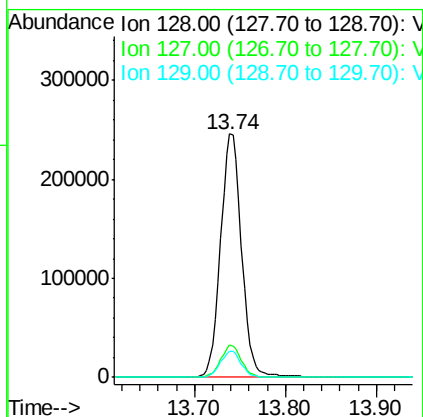
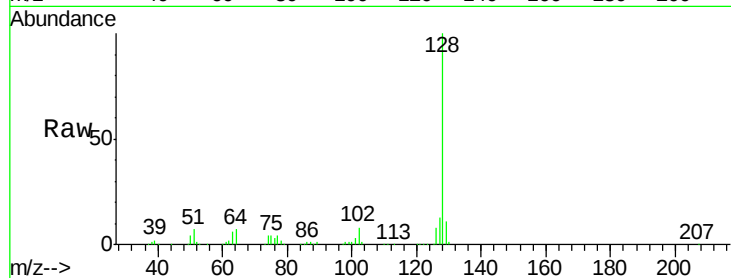




#95  
Naphthalene  
Concen: 50.873 ug/l  
RT: 13.74 min Scan# 3908  
Delta R.T. -0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion:128 Resp: 395431  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.1 15.1  
129 10.6 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 50.124 ug/l  
RT: 13.99 min Scan# 3985  
Delta R.T. 0.00 min  
Lab File: VU029013.D  
Acq: 03 Jan 2019 21:38

Tgt Ion:180 Resp: 117909  
Ion Ratio Lower Upper  
180 100  
182 94.6 48.1 144.3  
145 30.0 14.8 44.4

