

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\  
 Data File : VU034159.D  
 Acq On : 01 Sep 2019 11:20  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 02 08:30:10 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U082919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 29 04:11:12 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.96  | 168  | 412557   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.86  | 114  | 646544   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.07  | 117  | 619939   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 340227   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 5.29   | 65  | 255625   | 48.36 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.72% |      |
| 35) Dibromofluoromethane  | 4.86   | 113 | 215523   | 48.06 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.12% |      |
| 50) Toluene-d8            | 7.54   | 98  | 828939   | 49.37 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.74% |      |
| 62) 4-Bromofluorobenzene  | 10.29  | 95  | 314389   | 48.13 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.26% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 198846  | 47.924  | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 252449  | 45.365  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 262829  | 47.594  | ug/l | 99     |
| 5) Bromomethane               | 1.61 | 94  | 141134  | 53.501  | ug/l | 98     |
| 6) Chloroethane               | 1.69 | 64  | 157560  | 46.669  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.87 | 101 | 308498  | 48.213  | ug/l | 99     |
| 8) Diethyl Ether              | 2.09 | 74  | 137252  | 50.141  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.27 | 101 | 197051  | 48.611  | ug/l | 99     |
| 10) Methyl Iodide             | 2.40 | 142 | 176026  | 30.612  | ug/l | 100    |
| 11) Tert butyl alcohol        | 2.81 | 59  | 269665  | 221.211 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.27 | 96  | 200448  | 48.533  | ug/l | 100    |
| 13) Acrolein                  | 2.18 | 56  | 117401  | 228.933 | ug/l | 99     |
| 14) Allyl chloride            | 2.58 | 41  | 333070  | 42.892  | ug/l | 91     |
| 15) Acrylonitrile             | 2.92 | 53  | 724797  | 259.105 | ug/l | 100    |
| 16) Acetone                   | 2.31 | 43  | 731705  | 271.275 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.46 | 76  | 572229  | 43.777  | ug/l | 99     |
| 18) Methyl Acetate            | 2.60 | 43  | 337226  | 48.381  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 2.98 | 73  | 695415  | 51.389  | ug/l | 100    |
| 20) Methylene Chloride        | 2.68 | 84  | 245799  | 48.137  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 2.96 | 96  | 216112  | 48.214  | ug/l | 96     |
| 22) Diisopropyl ether         | 3.55 | 45  | 739421  | 51.965  | ug/l | 98     |
| 23) Vinyl Acetate             | 3.50 | 43  | 3175641 | 259.800 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.42 | 63  | 423948  | 50.465  | ug/l | 99     |
| 25) 2-Butanone                | 4.23 | 43  | 1006790 | 268.289 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.20 | 77  | 339873  | 49.720  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.20 | 96  | 247577  | 49.209  | ug/l | 100    |
| 28) Bromochloromethane        | 4.52 | 49  | 206797  | 49.964  | ug/l | 98     |
| 29) Tetrahydrofuran           | 4.61 | 42  | 611232  | 264.117 | ug/l | 99     |
| 30) Chloroform                | 4.65 | 83  | 407327  | 48.597  | ug/l | 100    |
| 31) Cyclohexane               | 4.97 | 56  | 362974  | 45.982  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 4.89 | 97  | 340975  | 49.671  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.12 | 75  | 300277  | 49.101  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.36 | 43  | 351373  | 51.309  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.11 | 117 | 293997  | 49.804  | ug/l | 98     |

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 Quant Title : SW846 8260  
 QLast Update : Thu Aug 29 04:11:12 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 6.40  | 83   | 339128   | 47.049  | ug/l   | 99       |
| 40) Benzene                    | 5.37  | 78   | 926548   | 50.076  | ug/l   | 100      |
| 41) Methacrylonitrile          | 4.52  | 41   | 188985   | 53.809  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 5.38  | 62   | 316754   | 49.576  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 5.53  | 43   | 530246   | 50.894  | ug/l   | 99       |
| 44) Trichloroethene            | 6.16  | 130  | 244761   | 50.375  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 6.41  | 63   | 258071   | 50.669  | ug/l   | 100      |
| 46) Dibromomethane             | 6.54  | 93   | 164590   | 50.158  | ug/l   | 100      |
| 47) Bromodichloromethane       | 6.74  | 83   | 323137   | 50.332  | ug/l   | 99       |
| 48) Methyl methacrylate        | 6.60  | 41   | 256829   | 51.085  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 6.59  | 88   | 99558    | 790.350 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 7.44  | 43   | 1829421  | 254.258 | ug/l   | 100      |
| 52) Toluene                    | 7.62  | 92   | 580669   | 50.945  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 7.86  | 75   | 359539   | 50.471  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 7.25  | 75   | 397394   | 51.062  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 8.04  | 97   | 242825   | 50.366  | ug/l   | 100      |
| 56) Ethyl methacrylate         | 8.00  | 69   | 371426   | 46.514  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 8.22  | 76   | 412176   | 50.350  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.11  | 63   | 701644   | 263.058 | ug/l   | 100      |
| 59) 2-Hexanone                 | 8.34  | 43   | 1422111  | 261.818 | ug/l   | 100      |
| 60) Dibromochloromethane       | 8.46  | 129  | 259782   | 50.196  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 8.57  | 107  | 251280   | 49.477  | ug/l   | 100      |
| 64) Tetrachloroethene          | 8.21  | 164  | 212763   | 51.104  | ug/l   | 98       |
| 65) Chlorobenzene              | 9.10  | 112  | 639931   | 50.160  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.19  | 131  | 227065   | 49.084  | ug/l   | 99       |
| 67) Ethyl Benzene              | 9.23  | 91   | 1107114  | 51.194  | ug/l   | 100      |
| 68) m/p-Xylenes                | 9.35  | 106  | 858260   | 104.372 | ug/l   | 99       |
| 69) o-Xylene                   | 9.76  | 106  | 409498   | 51.907  | ug/l   | 99       |
| 70) Styrene                    | 9.77  | 104  | 726543   | 53.711  | ug/l   | 99       |
| 71) Bromoform                  | 9.94  | 173  | 198685   | 49.432  | ug/l # | 100      |
| 73) Isopropylbenzene           | 10.15 | 105  | 1100192  | 48.142  | ug/l   | 99       |
| 74) N-amyl acetate             | 9.99  | 43   | 478972   | 49.832  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.44 | 83   | 407954   | 46.640  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 10.47 | 75   | 457943   | 59.720  | ug/l   | 86       |
| 77) Bromobenzene               | 10.43 | 156  | 290703   | 47.288  | ug/l   | 100      |
| 78) n-propylbenzene            | 10.57 | 91   | 1305256  | 49.044  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 10.64 | 91   | 761360   | 47.694  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 10.75 | 105  | 958071   | 49.464  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 10.47 | 75   | 457943   | 201.093 | ug/l # | 100      |
| 82) 4-Chlorotoluene            | 10.75 | 91   | 898040   | 48.915  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.08 | 119  | 897050   | 47.046  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.13 | 105  | 960309   | 49.929  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.30 | 105  | 1094793  | 47.905  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 11.46 | 119  | 1019393  | 49.320  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 11.40 | 146  | 527380   | 48.458  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 11.49 | 146  | 526562   | 47.841  | ug/l   | 99       |
| 89) n-Butylbenzene             | 11.87 | 91   | 915670   | 50.248  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.12 | 117  | 153821   | 43.044  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 11.86 | 146  | 509351   | 48.857  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.64 | 75   | 84236    | 48.340  | ug/l   | 99       |

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Sep 02 08:30:10 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U082919W.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 29 04:11:12 2019  
Response via : Initial Calibration

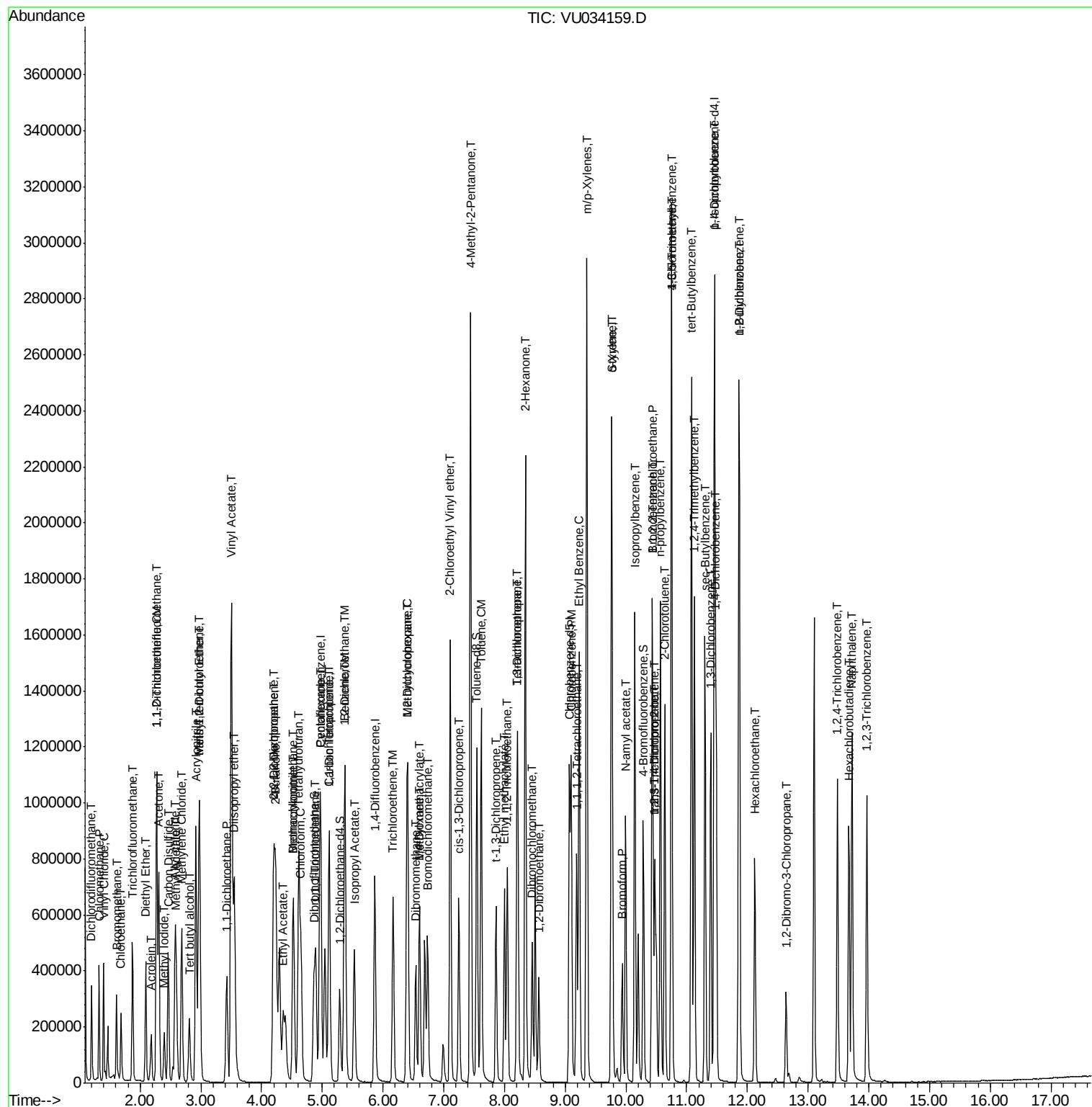
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.49 | 180  | 357962   | 48.311 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.67 | 225  | 181287   | 44.451 | ug/l  | 98       |
| 95) Naphthalene            | 13.72 | 128  | 1041747  | 49.089 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 13.97 | 180  | 352161   | 52.732 | ug/l  | 99       |

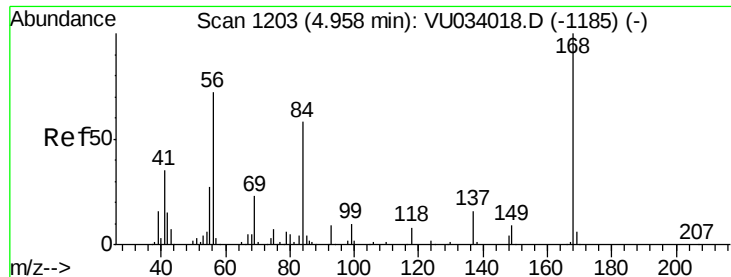
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090219\  
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :

MSVOA\_U

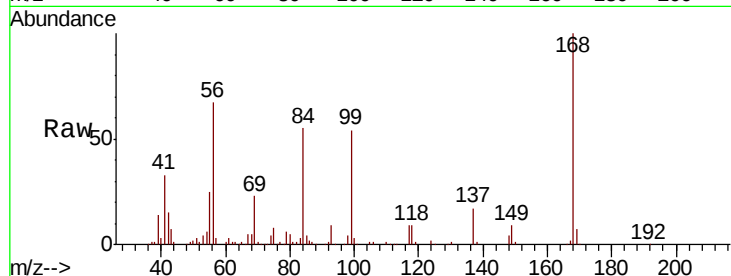
ClientSampleId :

Tot Ion:168 Resp: 412557

Ion Ratio Lower Upper

168 100

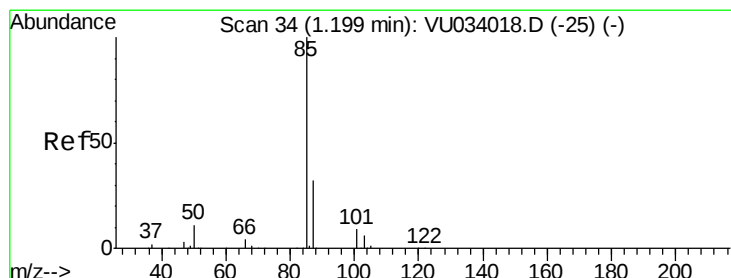
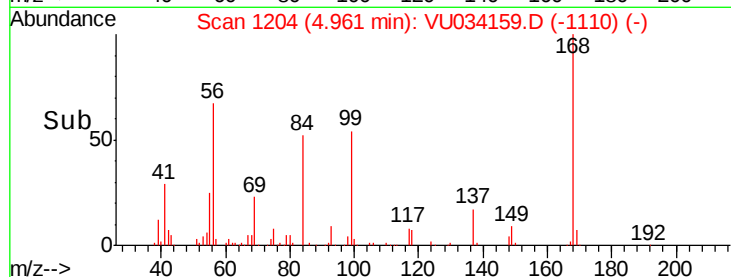
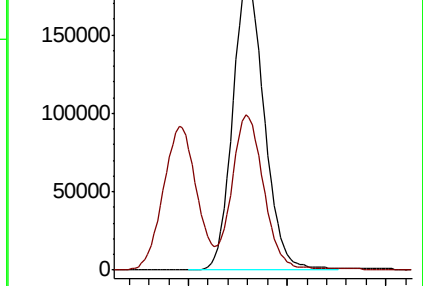
99 53.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96



#2

Dichlorodifluoromethane

Concen: 47.924 ug/l

RT: 1.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU034159.D

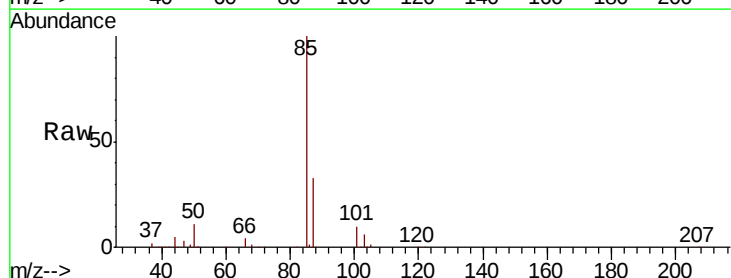
Acq: 01 Sep 2019 11:20

Tgt Ion: 85 Resp: 198846

Ion Ratio Lower Upper

85 100

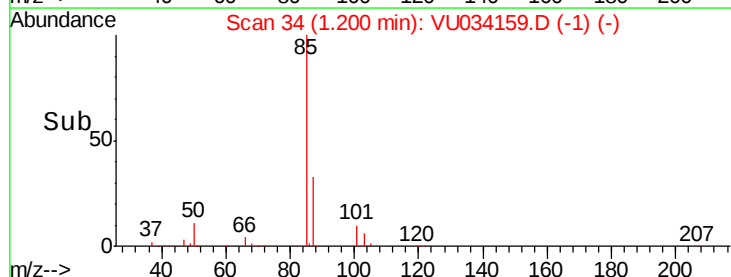
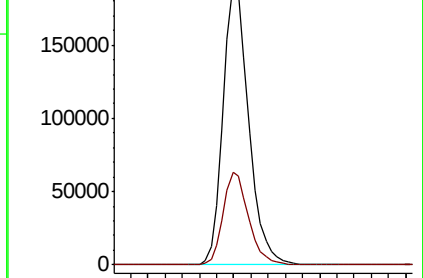
87 32.7 16.1 48.3

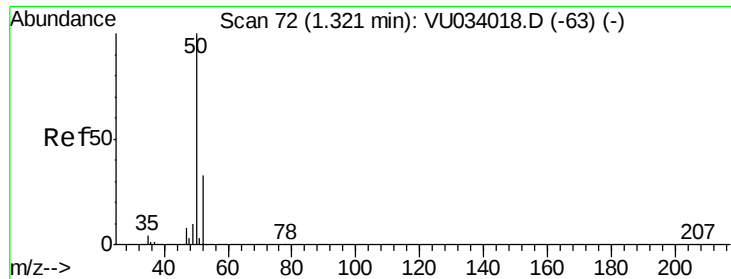


Abundance Ion 84.90 (84.60 to 85.60): VU034018.D (-25) (-)

Ion 86.90 (86.60 to 87.60): VU034018.D (-25) (-)

1.20





#3

Chloromethane

Concen: 45.365 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

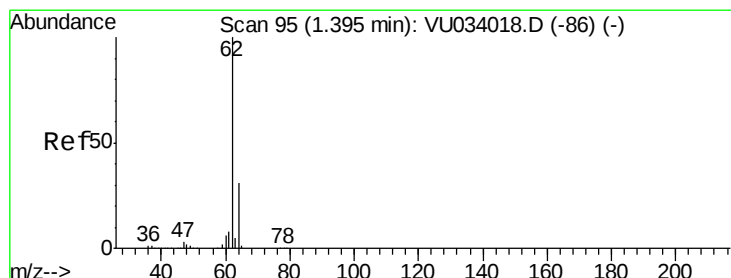
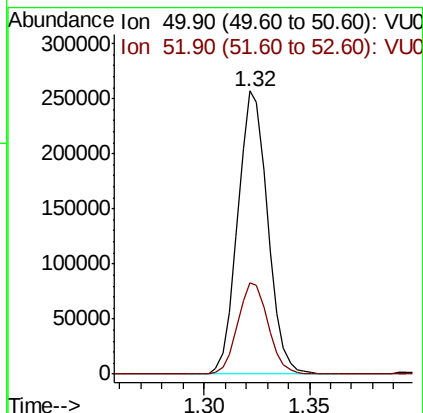
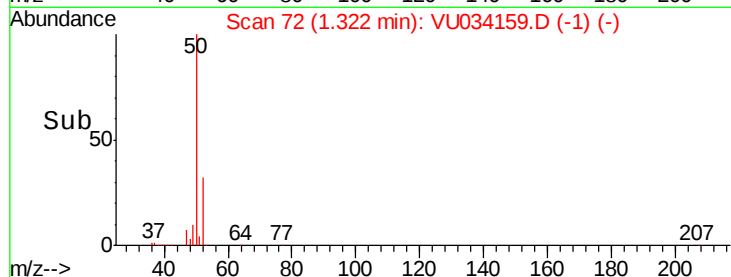
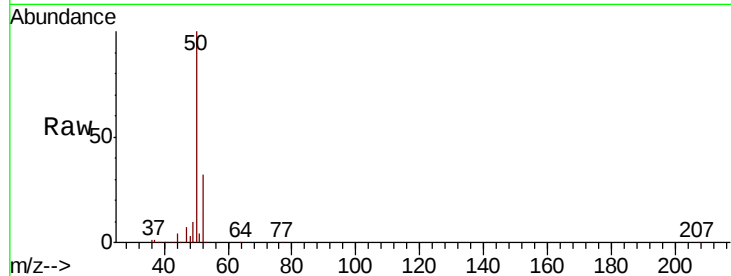
Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 50 Resp: 252449

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.4



#4

Vinyl Chloride

Concen: 47.594 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU034159.D

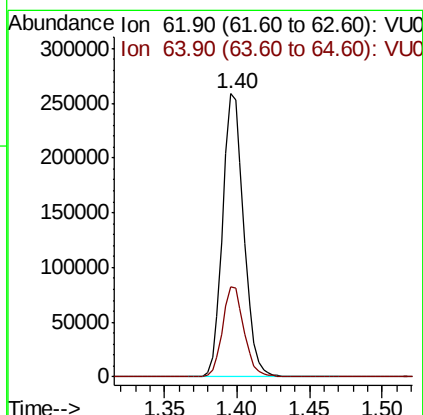
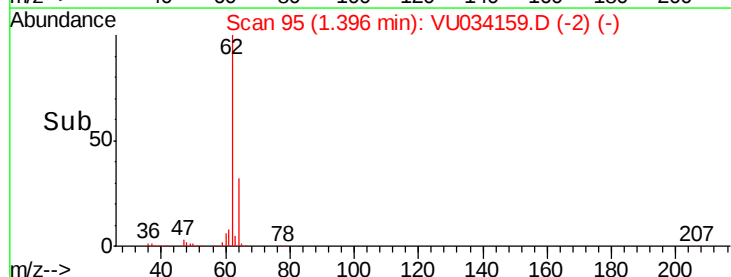
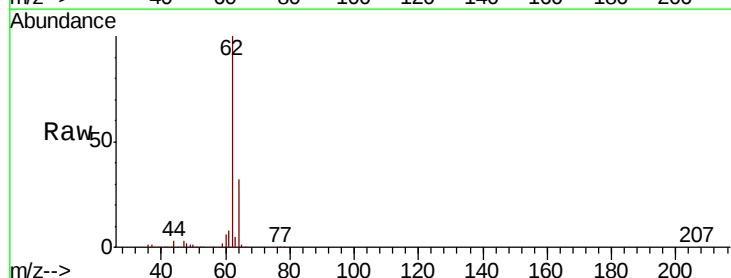
Acq: 01 Sep 2019 11:20

Tgt Ion: 62 Resp: 262829

Ion Ratio Lower Upper

62 100

64 31.8 25.0 37.6





#5

Bromomethane

Concen: 53.501 ug/l

RT: 1.61 min Scan# 162

Delta R.T. 0.01 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

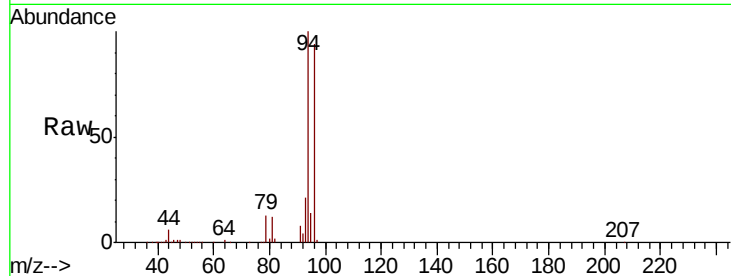
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 94 Resp: 141134

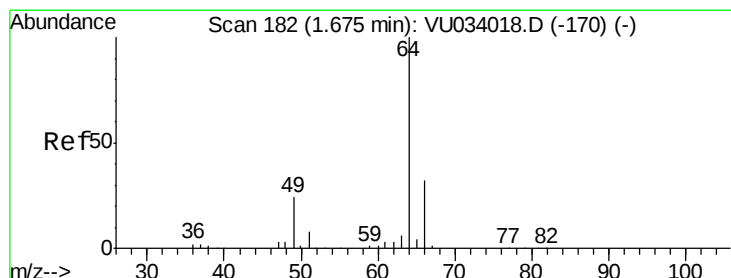
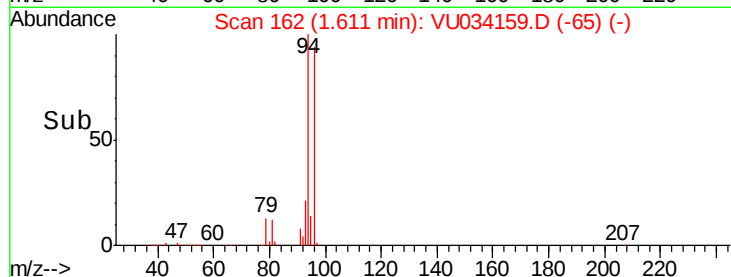
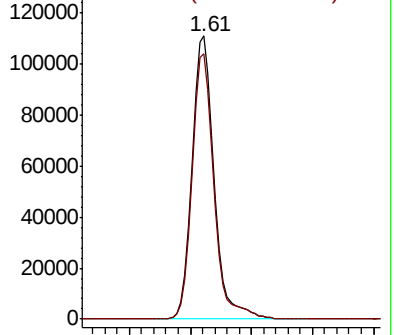
Ion Ratio Lower Upper

94 100

96 93.9 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU034159.D (-65) (-)



#6

Chloroethane

Concen: 46.669 ug/l

RT: 1.69 min Scan# 185

Delta R.T. 0.01 min

Lab File: VU034159.D

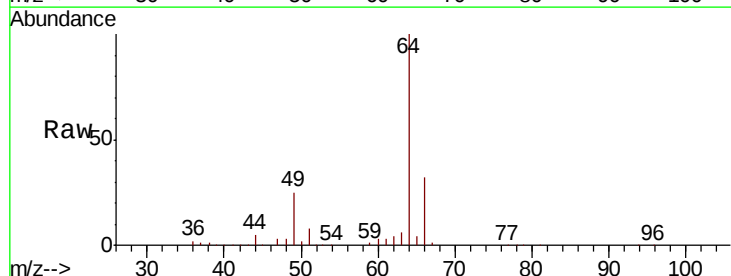
Acq: 01 Sep 2019 11:20

Tgt Ion: 64 Resp: 157560

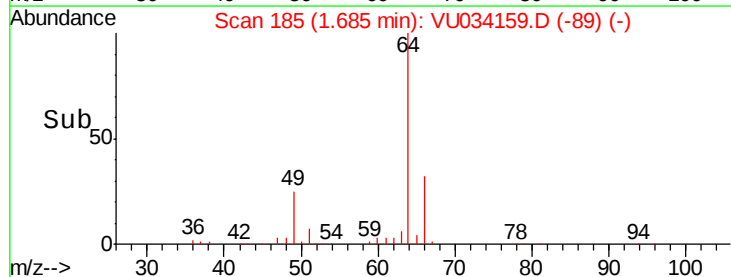
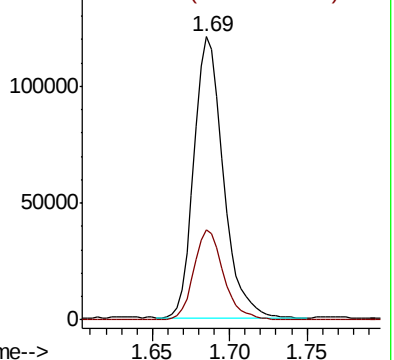
Ion Ratio Lower Upper

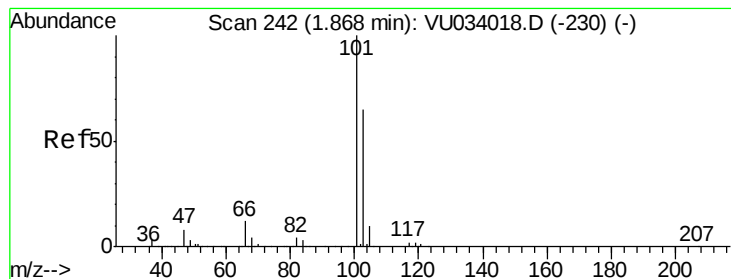
64 100

66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU034159.D (-89) (-)



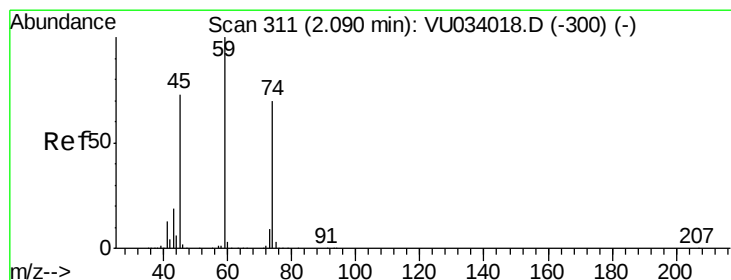
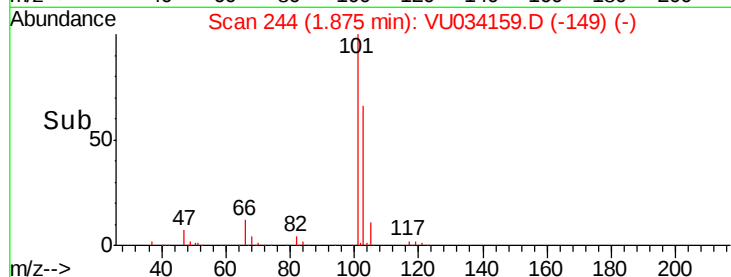
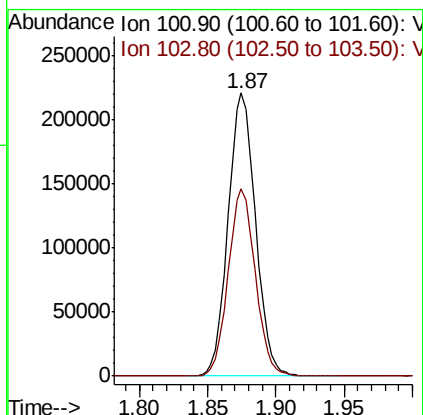
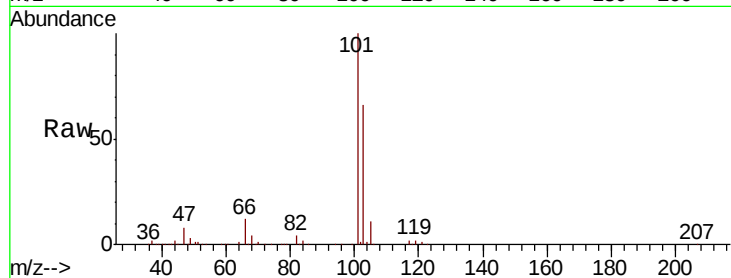


#7

Trichlorofluoromethane  
Concen: 48.213 ug/l  
RT: 1.87 min Scan# 244  
Delta R.T. 0.01 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Instrument :  
MSVOA\_U  
ClientSampleId :

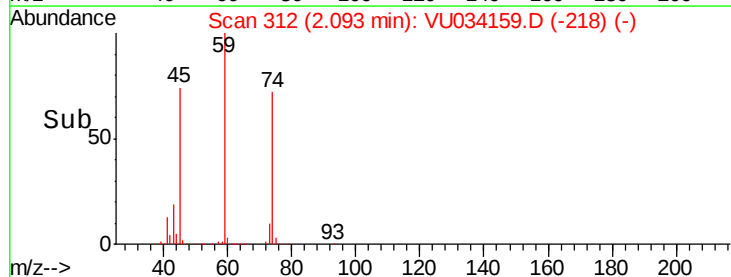
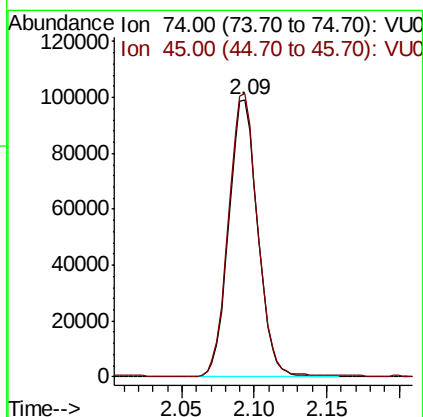
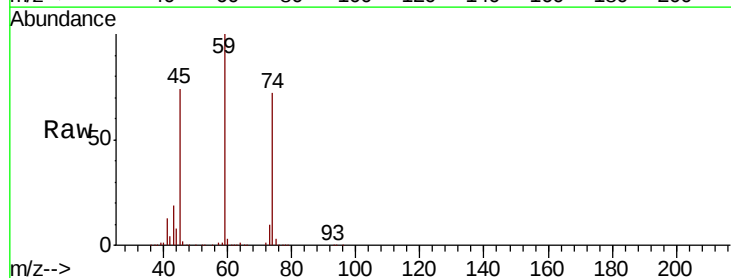
Tot Ion:101 Resp: 308498  
Ion Ratio Lower Upper  
101 100  
103 66.2 52.1 78.1



#8

Diethyl Ether  
Concen: 50.141 ug/l  
RT: 2.09 min Scan# 312  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Tgt Ion: 74 Resp: 137252  
Ion Ratio Lower Upper  
74 100  
45 102.9 51.8 155.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.611 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :

MSVOA\_U

ClientSampled :

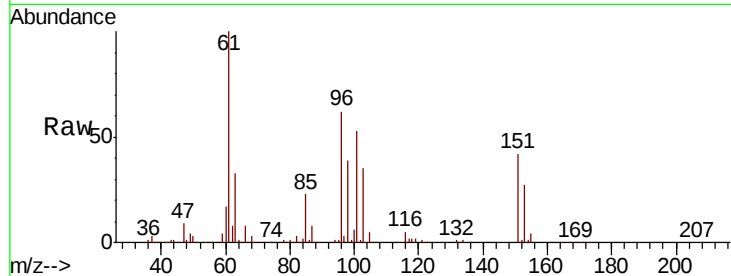
Tot Ion:101 Resp: 197051

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.2

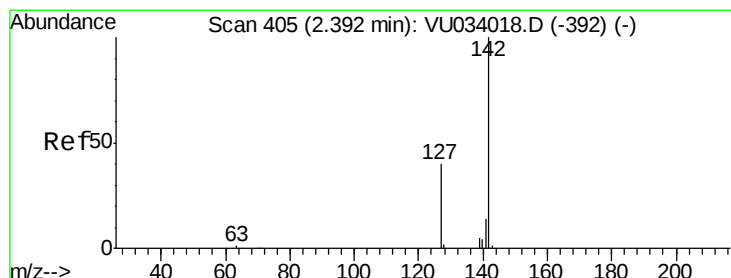
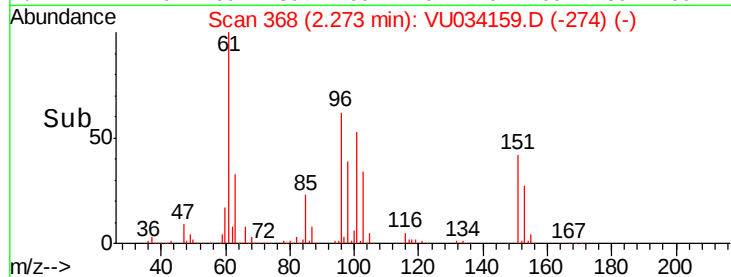
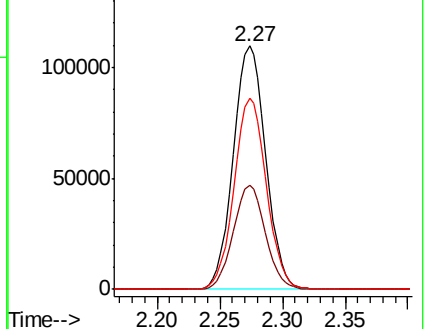
151 78.2 61.4 92.2



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: 30.612 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

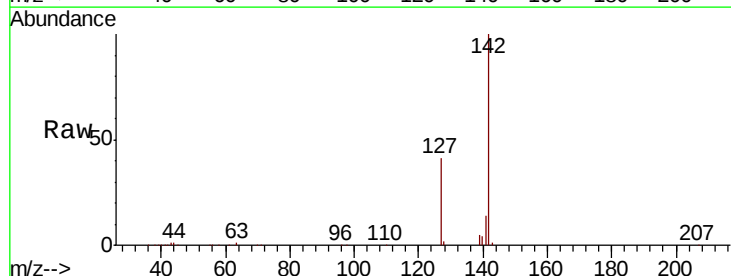
Tgt Ion:142 Resp: 176026

Ion Ratio Lower Upper

142 100

127 40.8 32.6 48.8

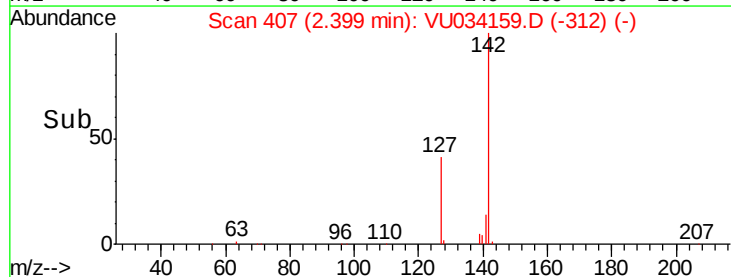
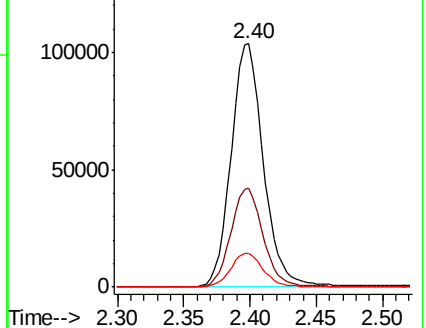
141 14.3 11.3 16.9

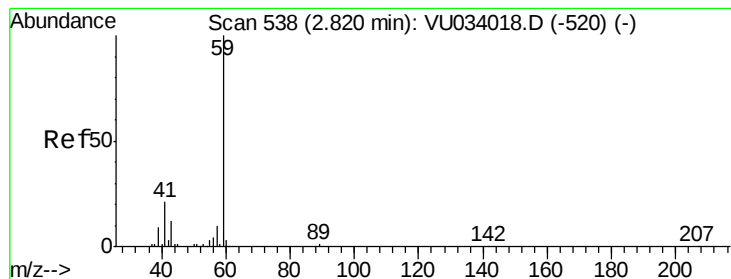


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



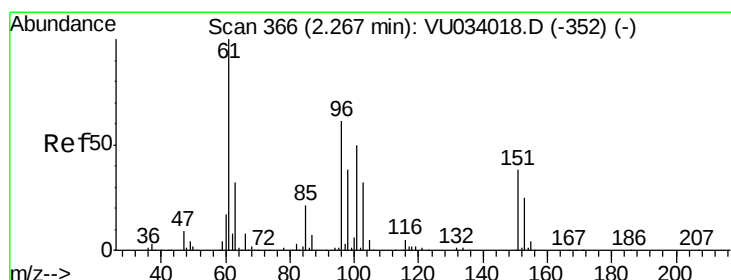
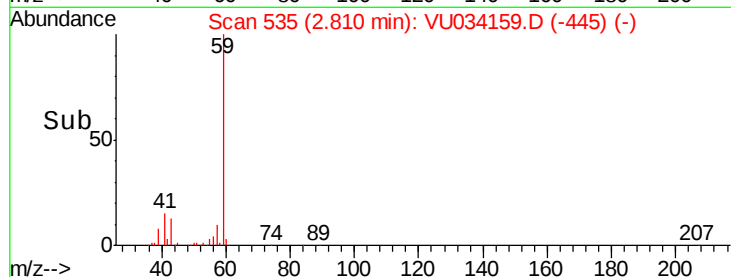
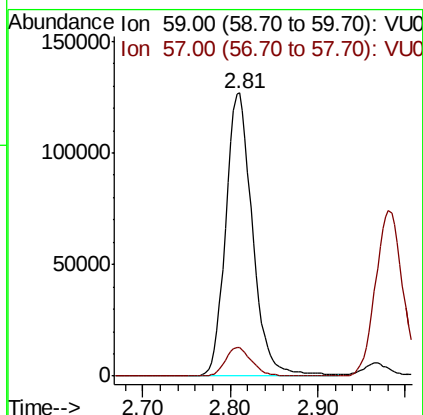
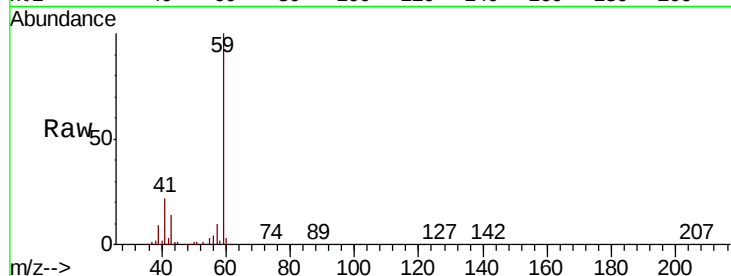


#11

Tert butyl alcohol  
 Concen: 221.211 ug/l  
 RT: 2.81 min Scan# 535  
 Delta R.T. -0.01 min  
 Lab File: VU034159.D  
 Acq: 01 Sep 2019 11:20

Instrument :  
 MSVOA\_U  
 ClientSampled :

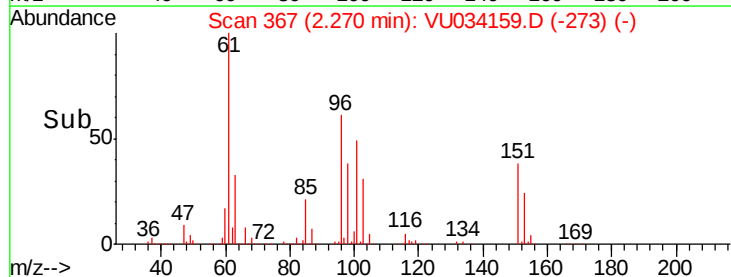
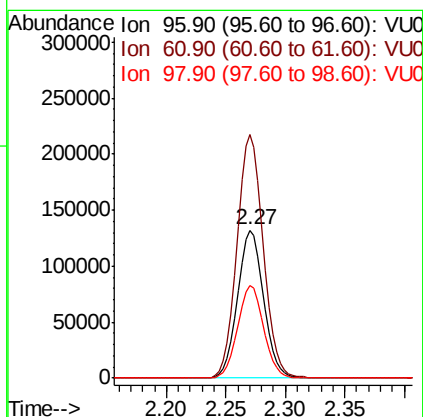
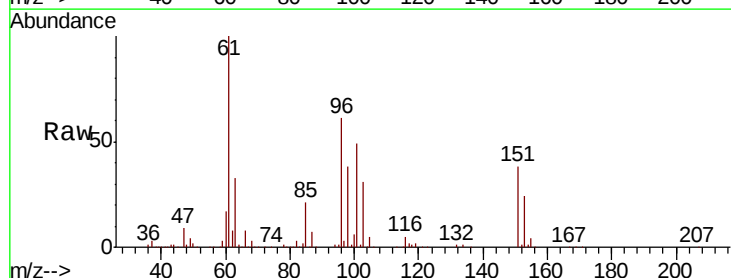
Tot Ion: 59 Resp: 269665  
 Ion Ratio Lower Upper  
 59 100  
 57 10.1 8.0 12.0

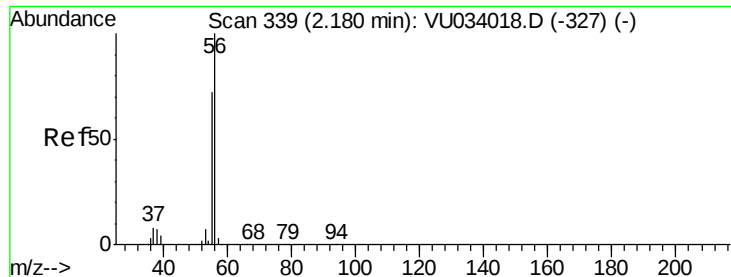


#12

1,1-Dichloroethene  
 Concen: 48.533 ug/l  
 RT: 2.27 min Scan# 367  
 Delta R.T. 0.00 min  
 Lab File: VU034159.D  
 Acq: 01 Sep 2019 11:20

Tgt Ion: 96 Resp: 200448  
 Ion Ratio Lower Upper  
 96 100  
 61 164.5 131.3 196.9  
 98 62.7 50.3 75.5





#13

Acrolein

Concen: 228.933 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :

MSVOA\_U

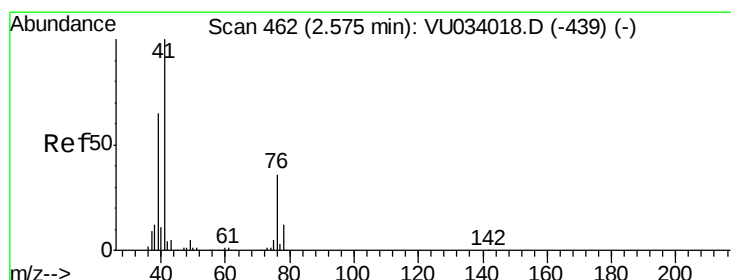
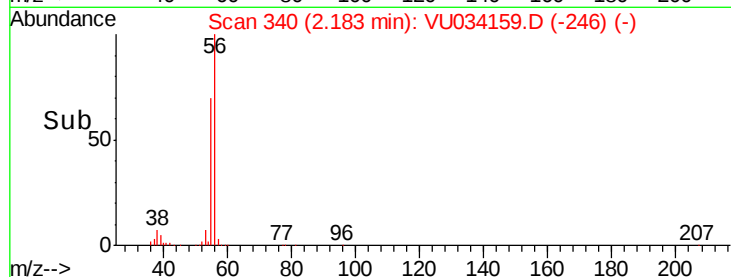
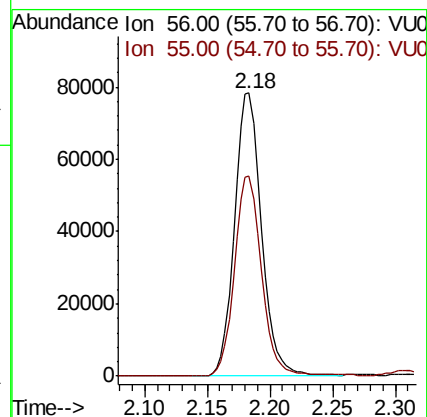
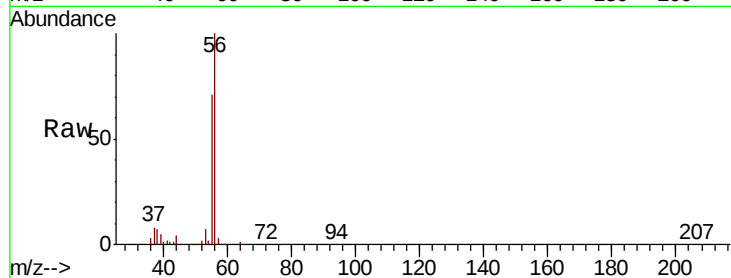
ClientSampleId :

Tot Ion: 56 Resp: 117401

Ion Ratio Lower Upper

56 100

55 70.8 57.1 85.7



#14

Allyl chloride

Concen: 42.892 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

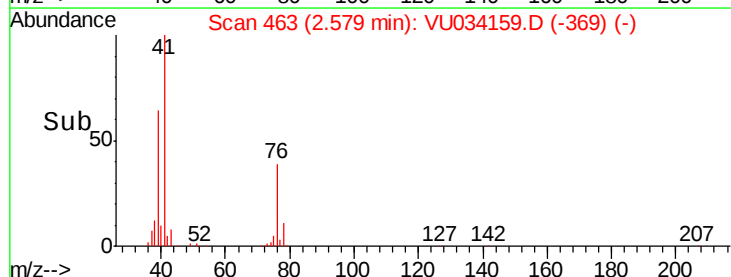
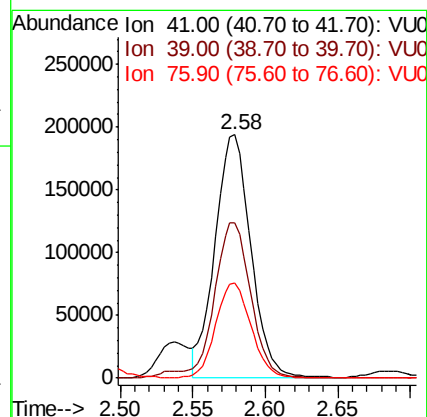
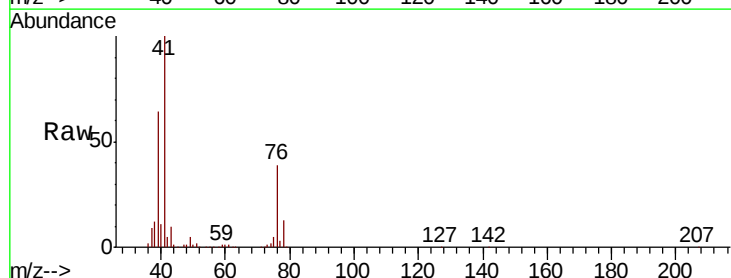
Tgt Ion: 41 Resp: 333070

Ion Ratio Lower Upper

41 100

39 65.5 46.8 70.2

76 38.1 26.6 40.0





#15

Acrylonitrile

Concen: 259.105 ug/l

RT: 2.92 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :

MSVOA\_U

ClientSampleId :

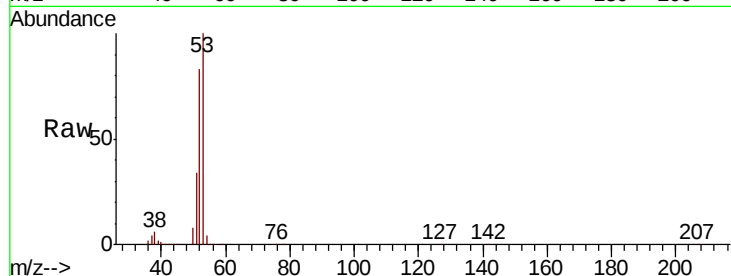
Tot Ion: 53 Resp: 724797

Ion Ratio Lower Upper

53 100

52 82.2 65.7 98.5

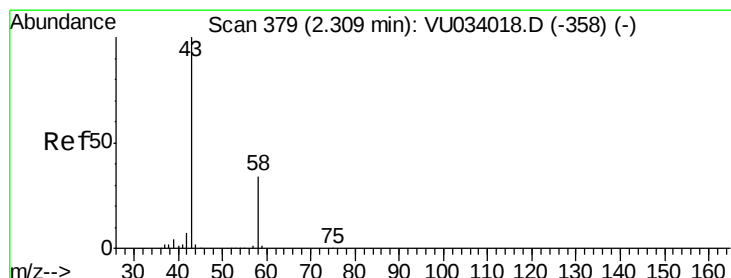
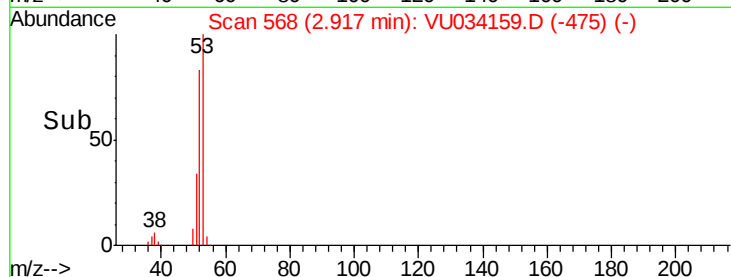
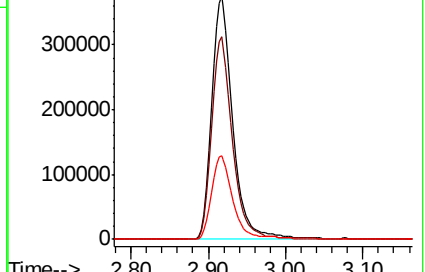
51 35.2 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VU034018.D (-555) (-)

Ion 52.00 (51.70 to 52.70): VU034018.D (-555) (-)

Ion 51.00 (50.70 to 51.70): VU034018.D (-555) (-)



#16

Acetone

Concen: 271.275 ug/l

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU034159.D

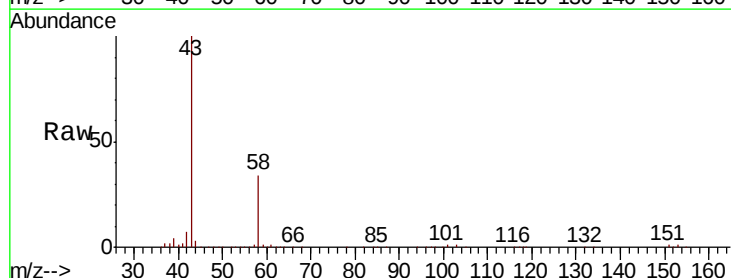
Acq: 01 Sep 2019 11:20

Tgt Ion: 43 Resp: 731705

Ion Ratio Lower Upper

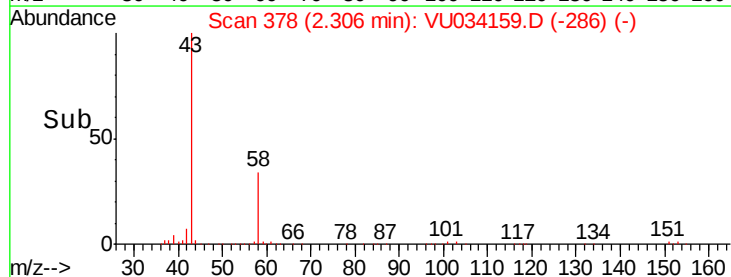
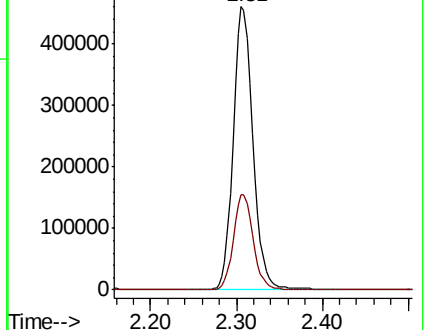
43 100

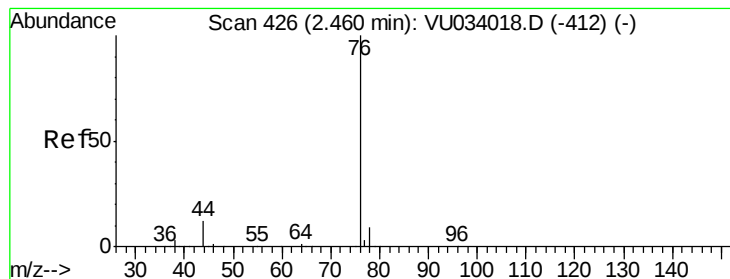
58 33.7 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034018.D (-358) (-)





#17

Carbon Disulfide

Concen: 43.777 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :

MSVOA\_U

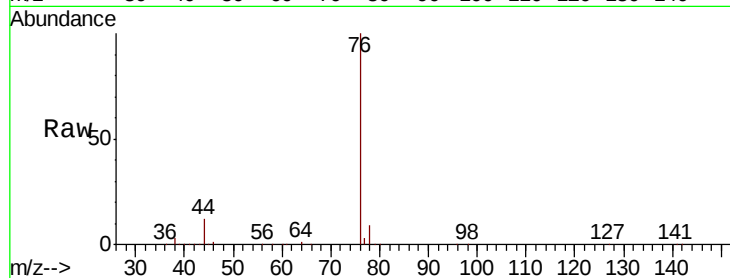
ClientSampleId :

Tot Ion: 76 Resp: 572229

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU034018.D (-412) (-)

Ion 77.90 (77.60 to 78.60): VU034159.D (-333) (-)

2.46

400000

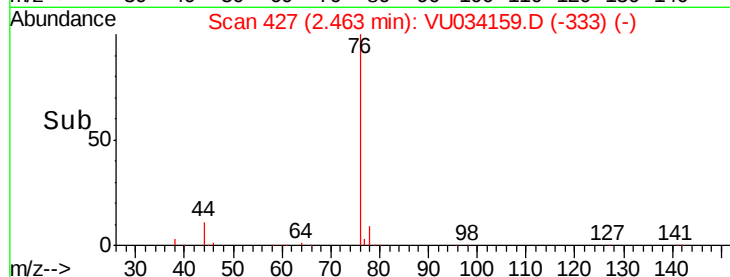
300000

200000

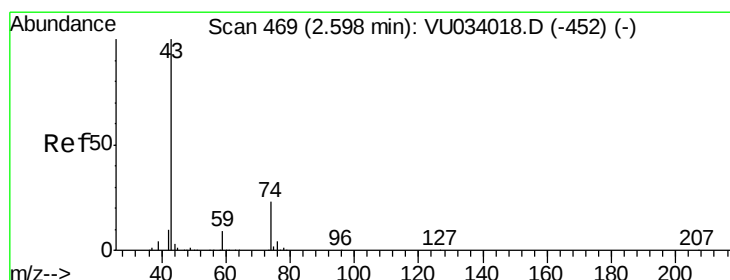
100000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 48.381 ug/l

RT: 2.60 min Scan# 470

Delta R.T. 0.00 min

Lab File: VU034159.D

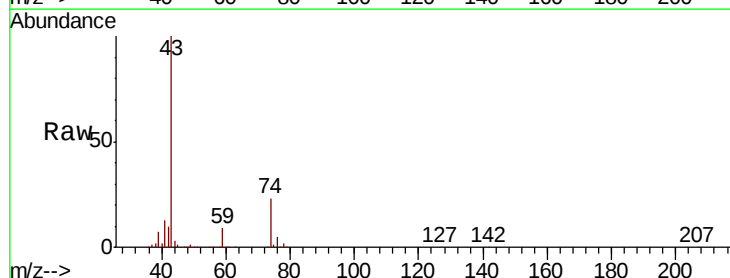
Acq: 01 Sep 2019 11:20

Tgt Ion: 43 Resp: 337226

Ion Ratio Lower Upper

43 100

74 23.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-452) (-)

Ion 74.00 (73.70 to 74.70): VU034159.D (-376) (-)

2.60

200000

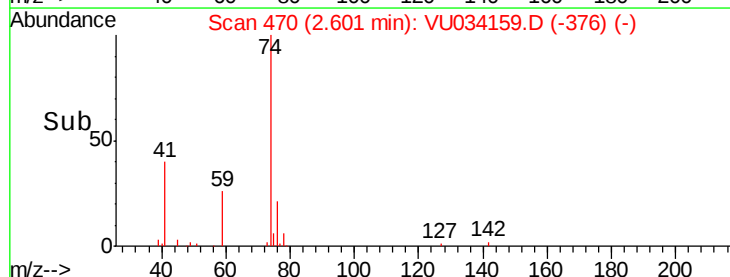
150000

100000

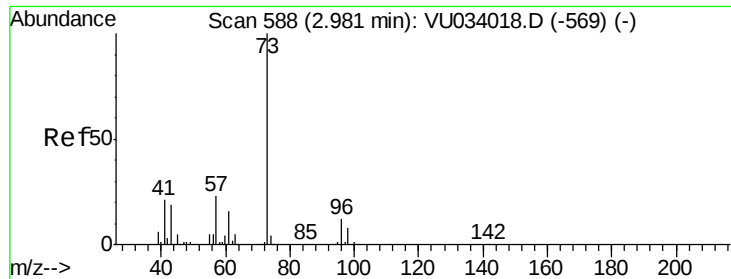
50000

0

Time-->



Time-->

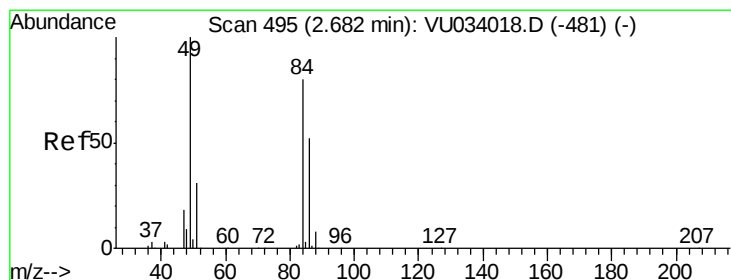
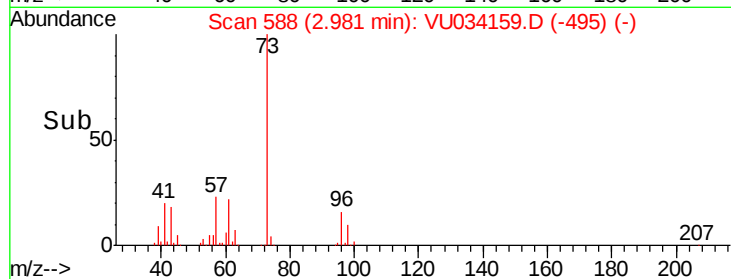
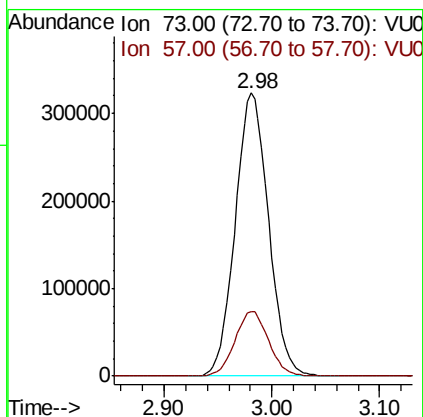
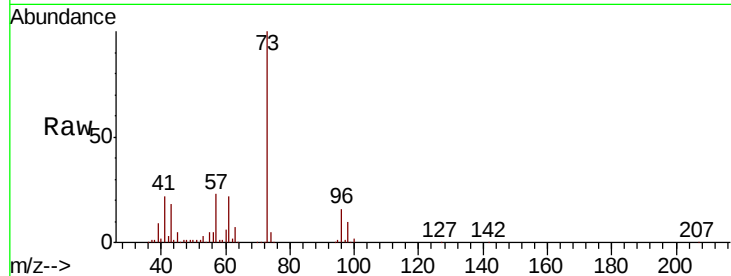


#19

Methyl tert-butyl Ether  
 Concen: 51.389 ug/l  
 RT: 2.98 min Scan# 588  
 Delta R.T. 0.00 min  
 Lab File: VU034159.D  
 Acq: 01 Sep 2019 11:20

Instrument :  
 MSVOA\_U  
 ClientSampleId :

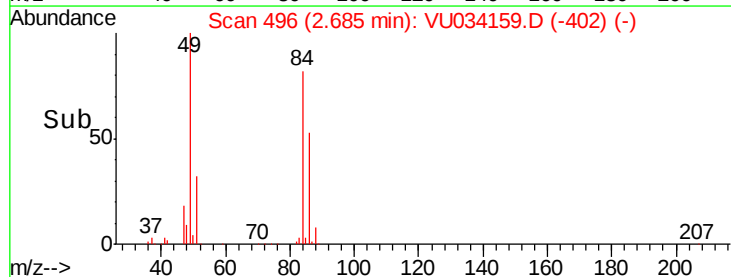
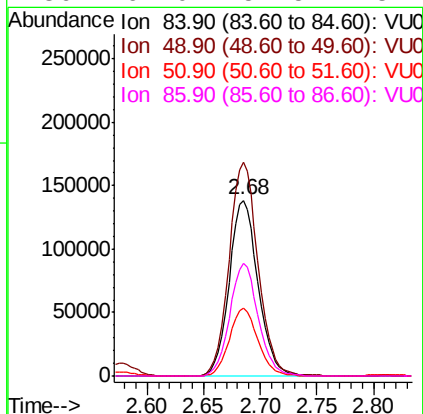
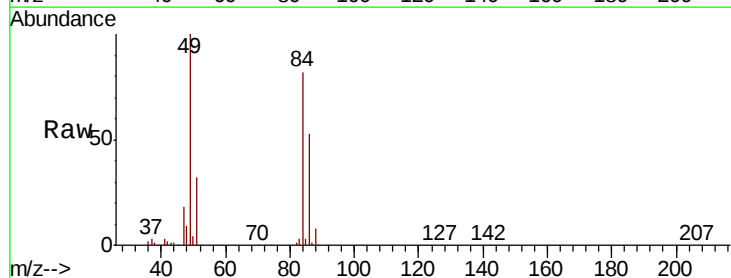
Tot Ion: 73 Resp: 695415  
 Ion Ratio Lower Upper  
 73 100  
 57 22.9 18.3 27.5

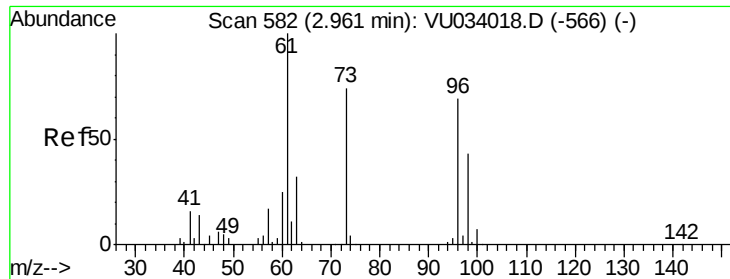


#20

Methylene Chloride  
 Concen: 48.137 ug/l  
 RT: 2.68 min Scan# 496  
 Delta R.T. 0.00 min  
 Lab File: VU034159.D  
 Acq: 01 Sep 2019 11:20

Tgt Ion: 84 Resp: 245799  
 Ion Ratio Lower Upper  
 84 100  
 49 121.7 100.2 150.4  
 51 38.4 30.8 46.2  
 86 64.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.214 ug/l

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :

MSVOA\_U

ClientSampleId :

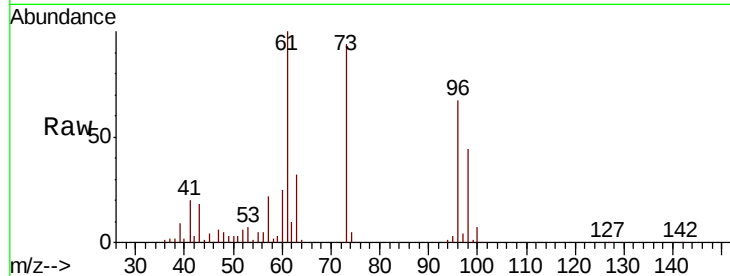
Tot Ion: 96 Resp: 216112

Ion Ratio Lower Upper

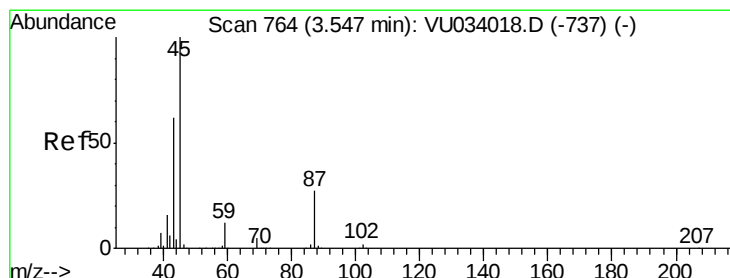
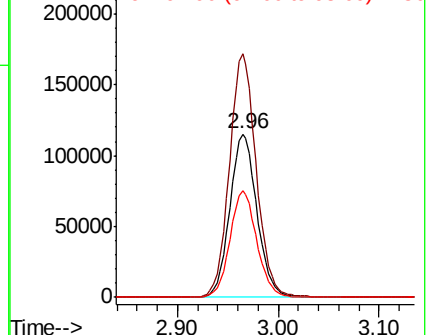
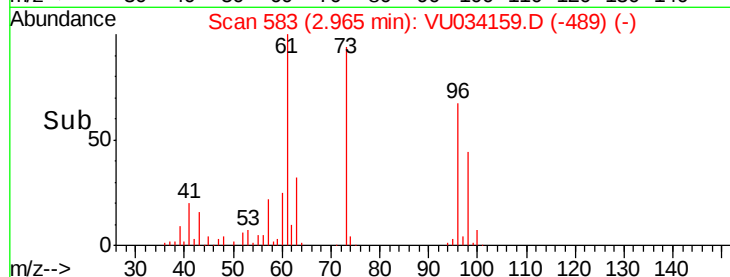
96 100

61 149.2 115.5 173.3

98 65.1 50.1 75.1



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: 51.965 ug/l

RT: 3.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Tgt Ion: 45 Resp: 739421

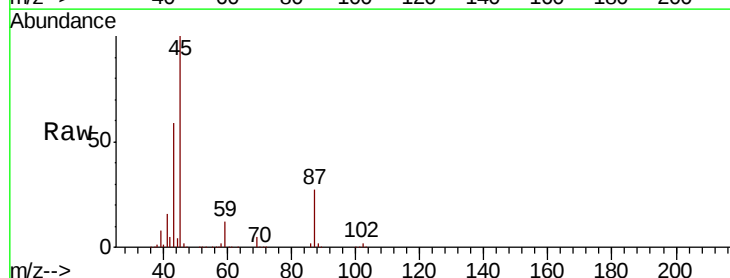
Ion Ratio Lower Upper

45 100

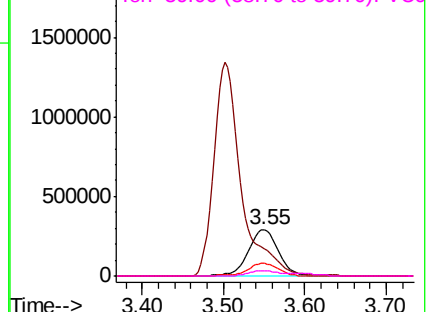
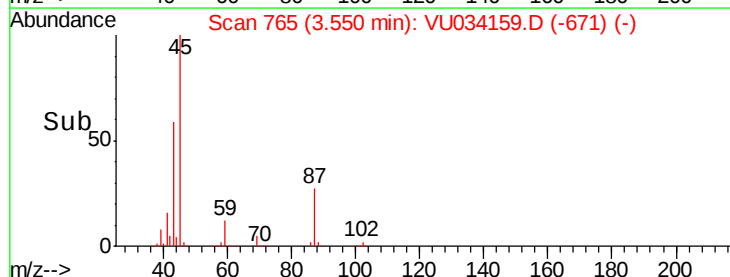
43 59.2 49.7 74.5

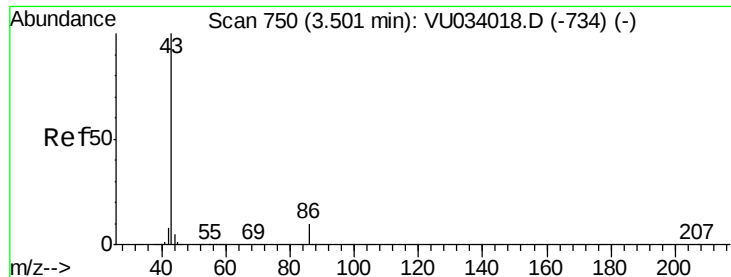
87 27.0 21.8 32.8

59 11.8 9.3 13.9



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: 259.800 ug/l

RT: 3.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :

MSVOA\_U

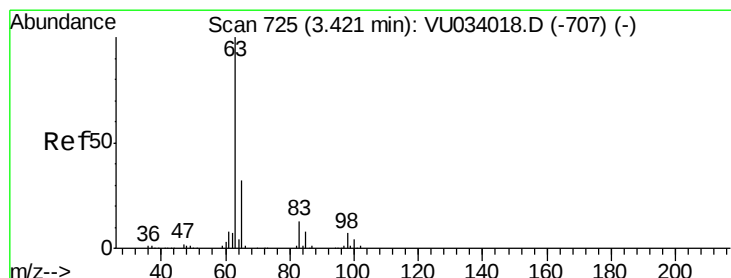
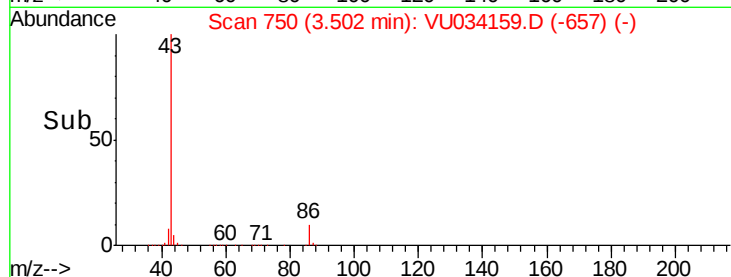
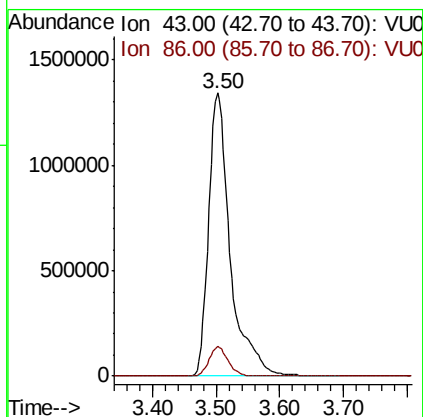
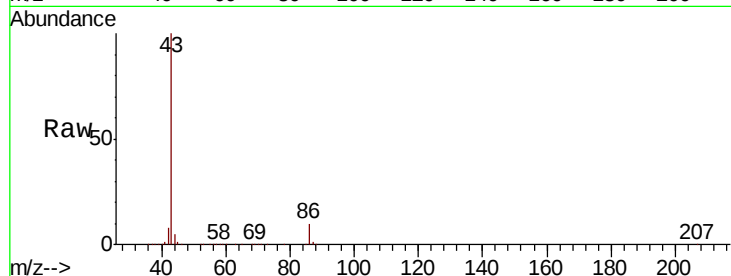
ClientSampled :

Tot Ion: 43 Resp: 3175641

Ion Ratio Lower Upper

43 100

86 10.4 8.3 12.5



#24

1,1-Dichloroethane

Concen: 50.465 ug/l

RT: 3.42 min Scan# 726

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

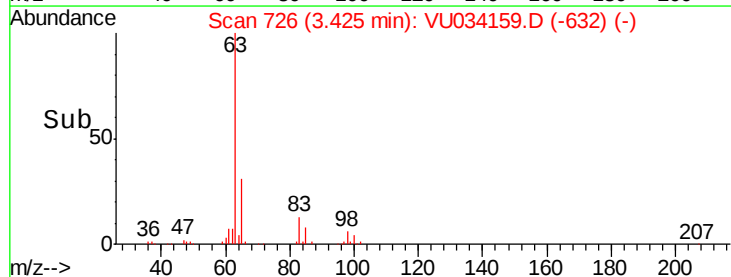
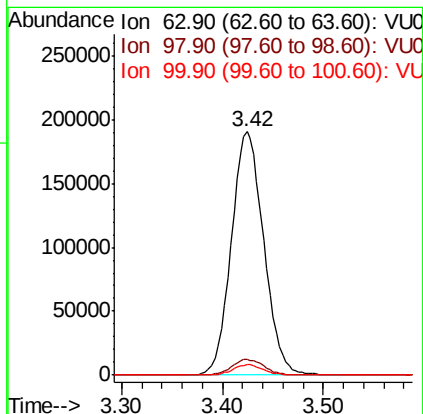
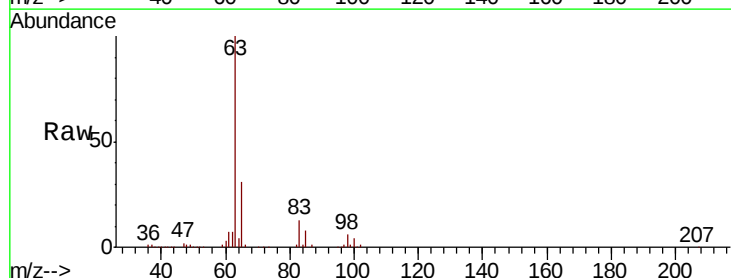
Tgt Ion: 63 Resp: 423948

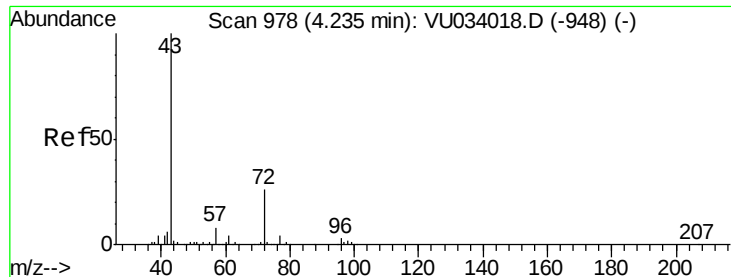
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 268.289 ug/l

RT: 4.23 min Scan# 978

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

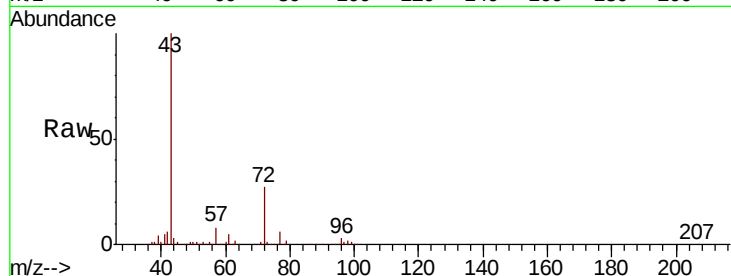
Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 43 Resp: 1006790

Ion Ratio Lower Upper

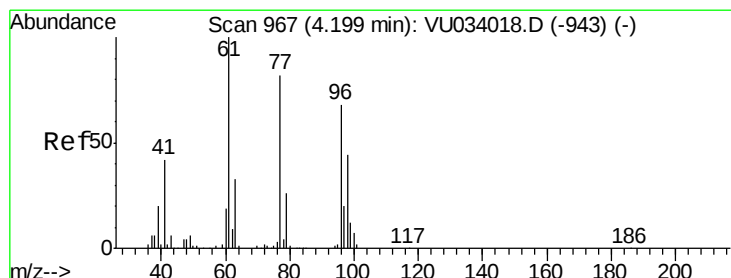
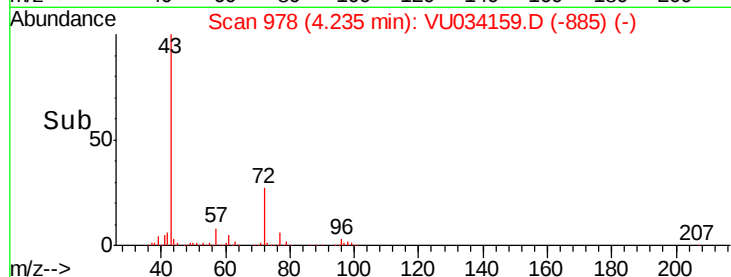
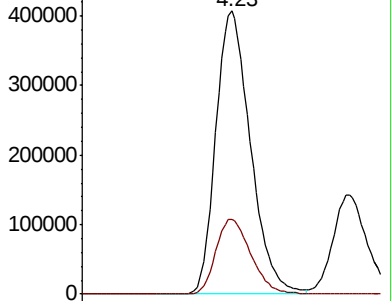
43 100

72 26.7 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-948) (-)

Ion 72.00 (71.70 to 72.70): VU034018.D (-948) (-)



#26

2,2-Dichloropropane

Concen: 49.720 ug/l

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU034159.D

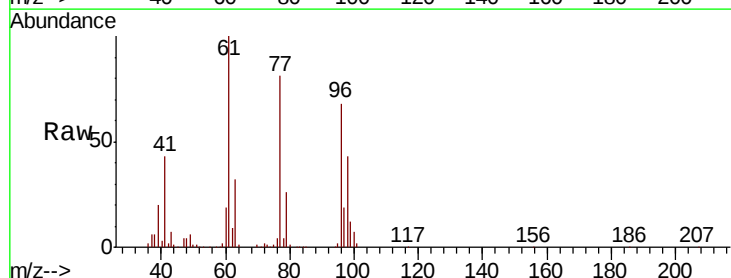
Acq: 01 Sep 2019 11:20

Tgt Ion: 77 Resp: 339873

Ion Ratio Lower Upper

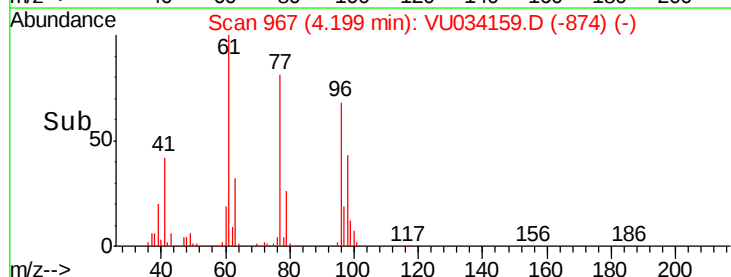
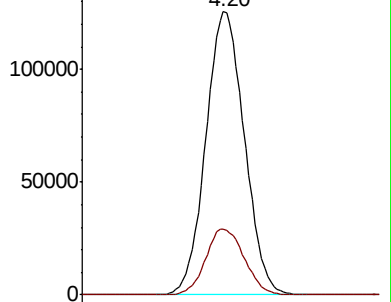
77 100

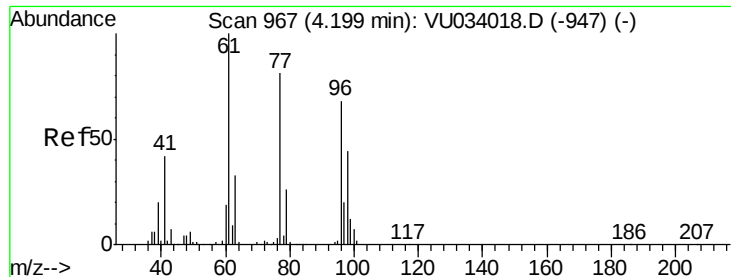
97 23.4 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VU034018.D (-943) (-)

Ion 96.90 (96.60 to 97.60): VU034018.D (-943) (-)



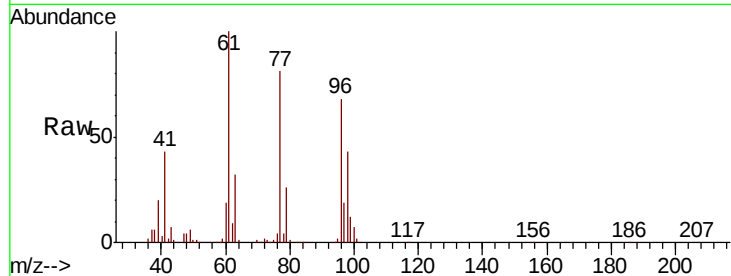


#27

cis-1,2-Dichloroethene  
Concen: 49.209 ug/l  
RT: 4.20 min Scan# 967  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Instrument :  
MSVOA\_U  
ClientSampleId :

| Tot Ion | 96    | Resp  | 247577 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 96      | 100   |       |        |
| 61      | 151.9 | 0.0   | 303.0  |
| 98      | 64.6  | 0.0   | 129.2  |

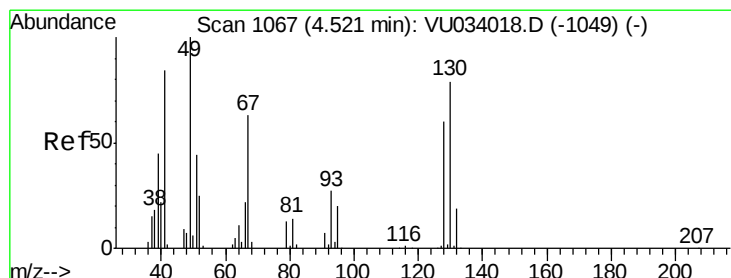
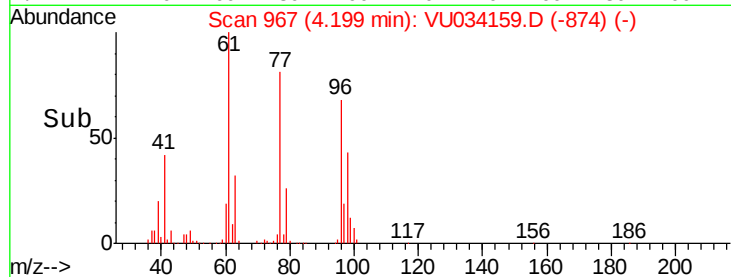
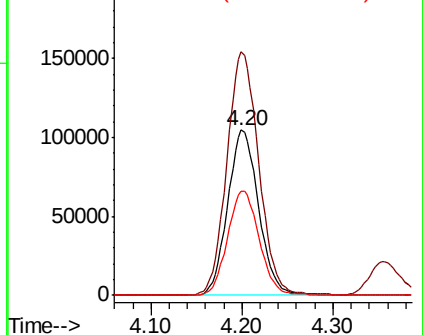


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

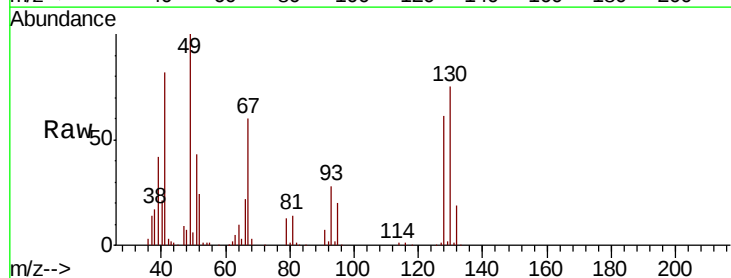
Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane  
Concen: 49.964 ug/l  
RT: 4.52 min Scan# 1068  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

| Tgt Ion | 49    | Resp  | 206797 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 49      | 100   |       |        |
| 129     | 1.9   | 0.0   | 3.6    |
| 130     | 76.7  | 62.8  | 94.2   |

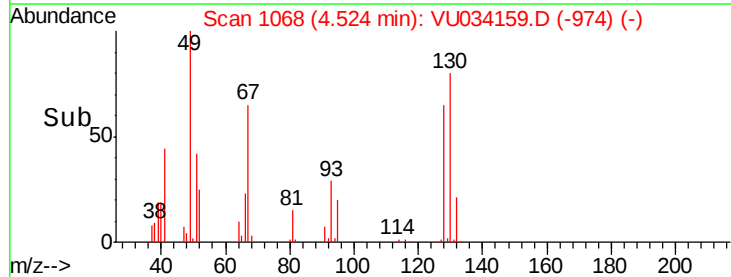
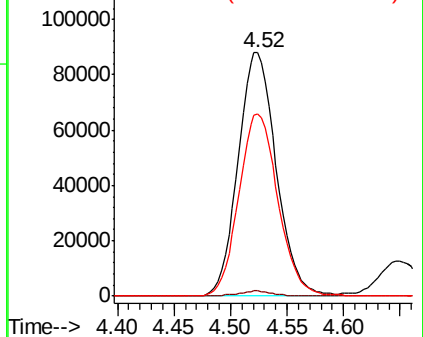


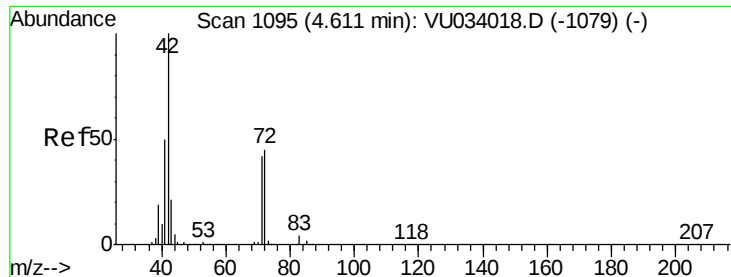
Abundance

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

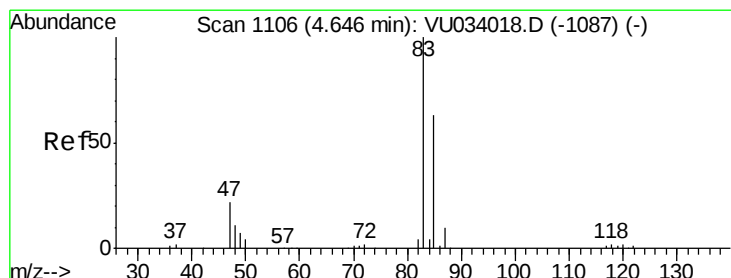
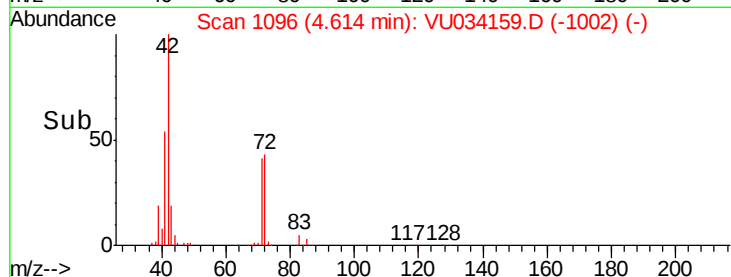
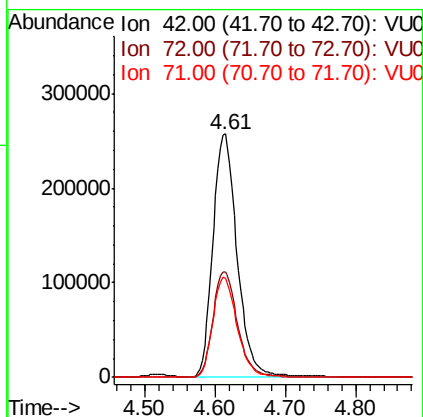
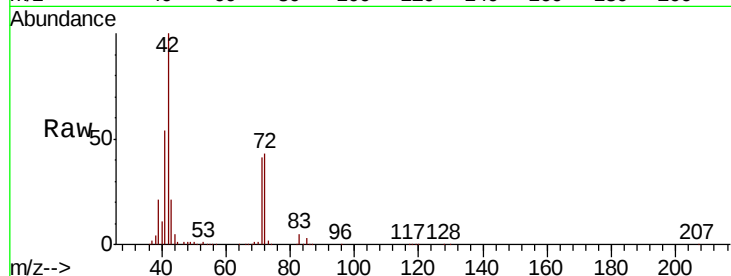




#29  
Tetrahydrofuran  
Concen: 264.117 ug/l  
RT: 4.61 min Scan# 1096  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

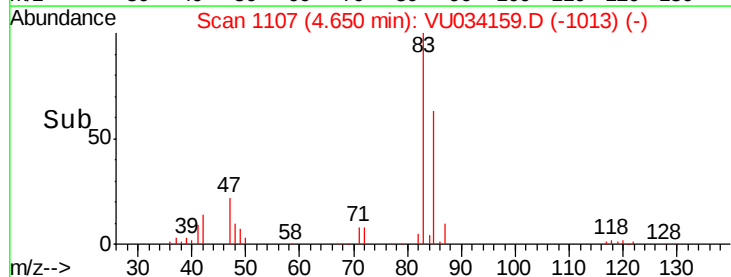
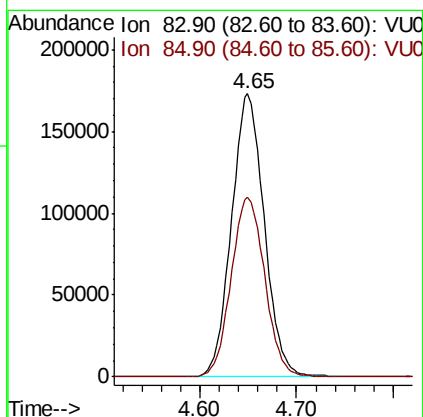
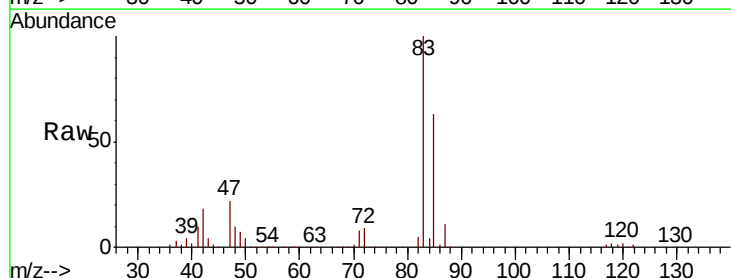
Instrument :  
MSVOA\_U  
ClientSampleId :

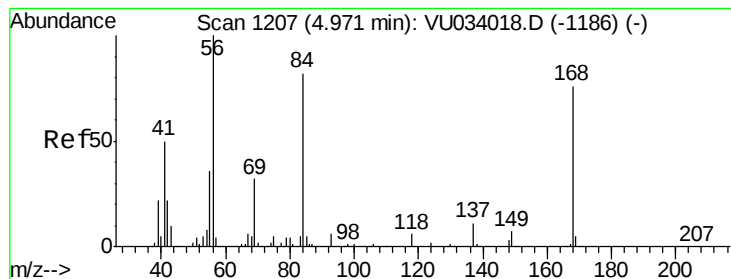
Tot Ion: 42 Resp: 611232  
Ion Ratio Lower Upper  
42 100  
72 44.5 35.8 53.6  
71 41.5 34.0 51.0



#30  
Chloroform  
Concen: 48.597 ug/l  
RT: 4.65 min Scan# 1107  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Tgt Ion: 83 Resp: 407327  
Ion Ratio Lower Upper  
83 100  
85 63.2 50.7 76.1





#31

Cyclohexane

Concen: 45.982 ug/l

RT: 4.97 min Scan# 1207

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :  
MSVOA\_U  
ClientSampleId :

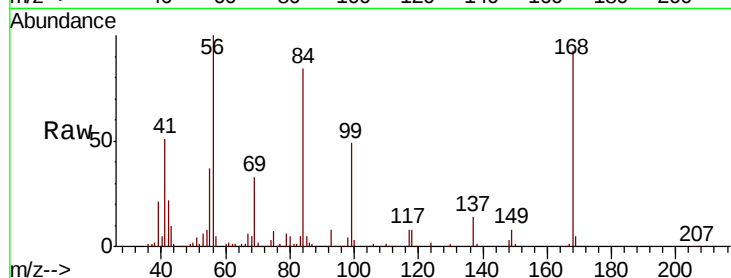
Tot Ion: 56 Resp: 362974

Ion Ratio Lower Upper

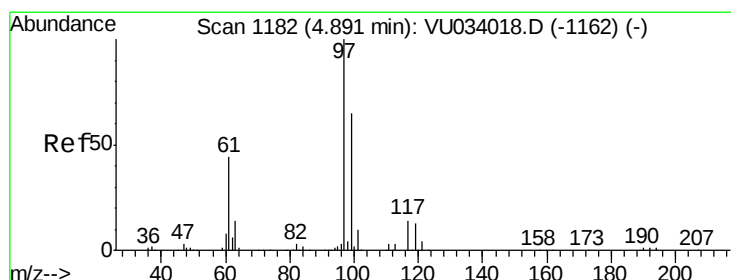
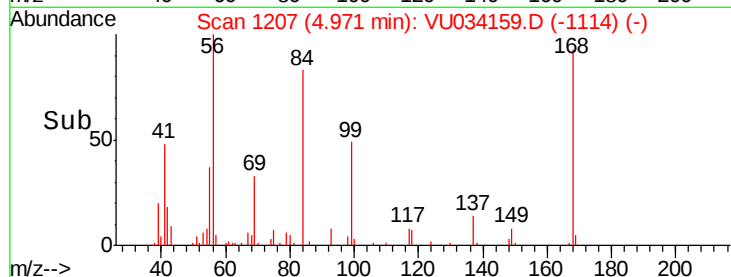
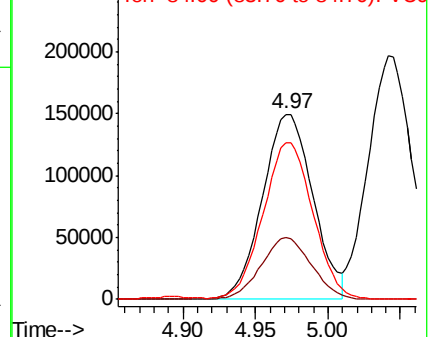
56 100

69 33.1 25.4 38.0

84 83.3 65.8 98.8



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: 49.671 ug/l

RT: 4.89 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

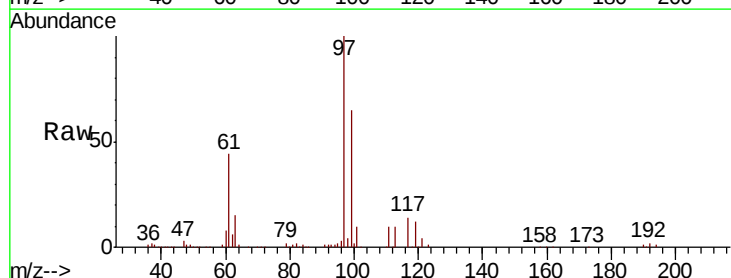
Tgt Ion: 97 Resp: 340975

Ion Ratio Lower Upper

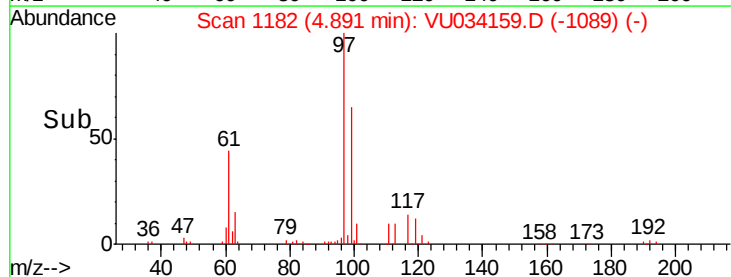
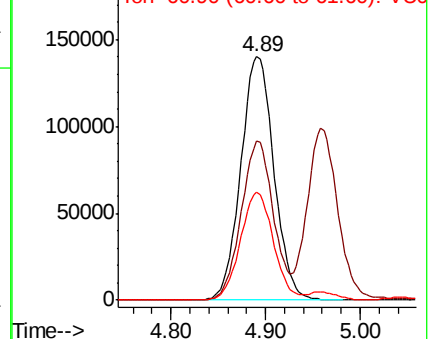
97 100

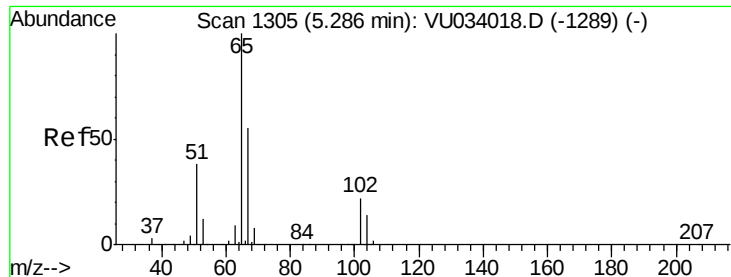
99 63.4 51.8 77.6

61 44.3 35.3 52.9



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





#33

1,2-Dichloroethane-d4

Concen: 48.356 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

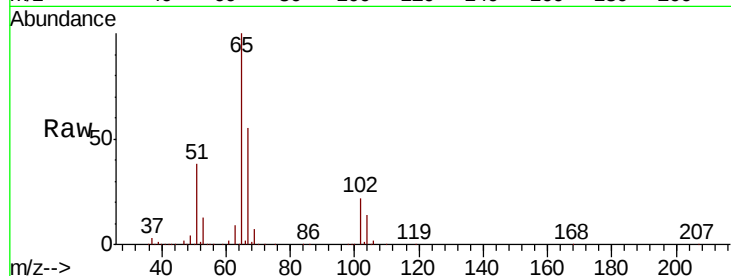
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 65 Resp: 255625

Ion Ratio Lower Upper

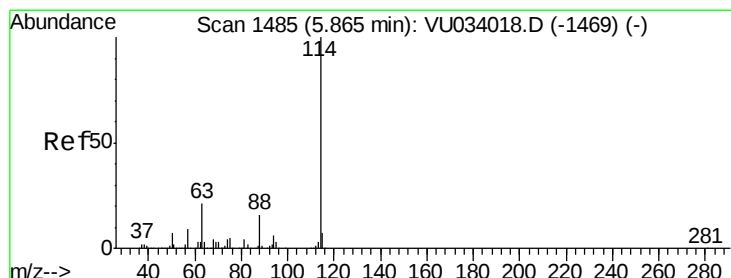
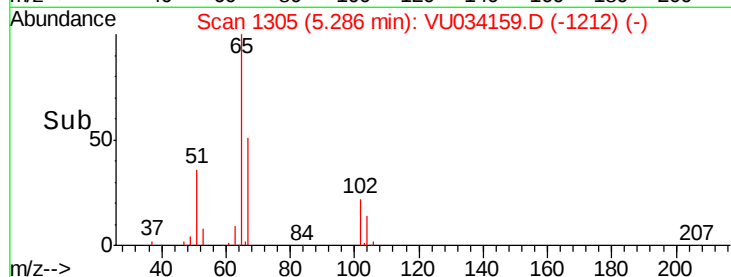
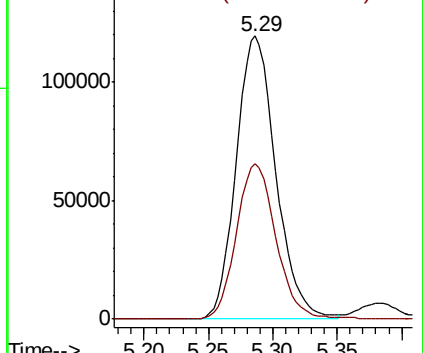
65 100

67 54.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034159.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034159.D (-1212) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

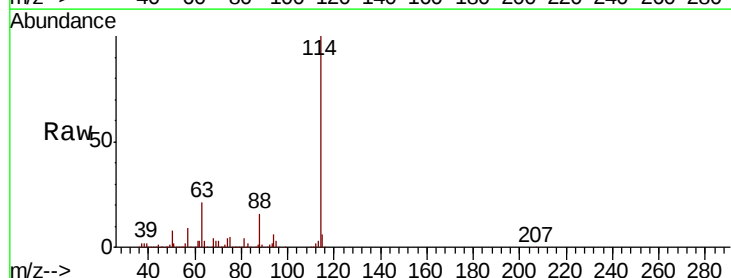
Tgt Ion: 114 Resp: 646544

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.0

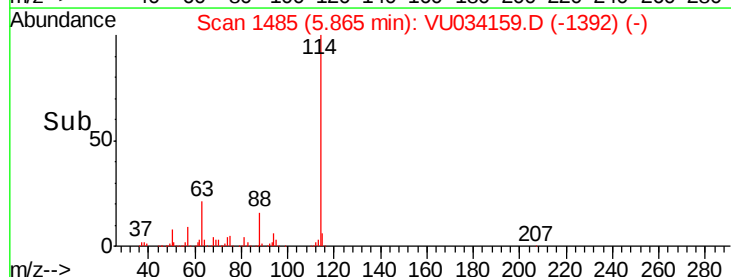
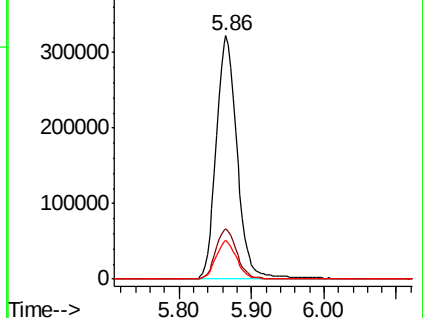
88 15.7 0.0 32.0

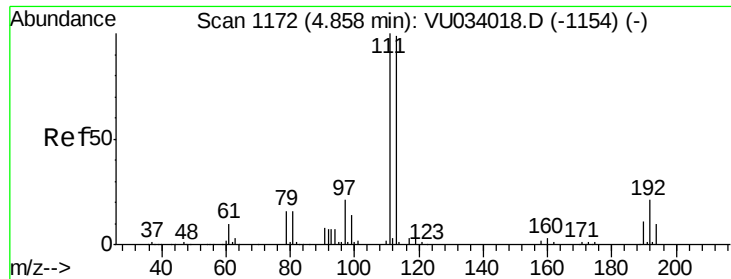


Abundance Ion 113.90 (113.60 to 114.60): VU034159.D (-1392) (-)

Ion 63.00 (62.70 to 63.70): VU034159.D (-1392) (-)

Ion 87.90 (87.60 to 88.60): VU034159.D (-1392) (-)

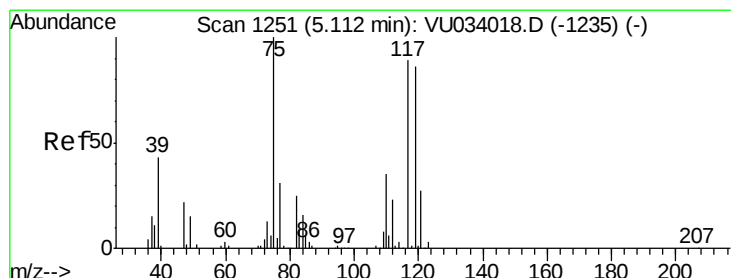
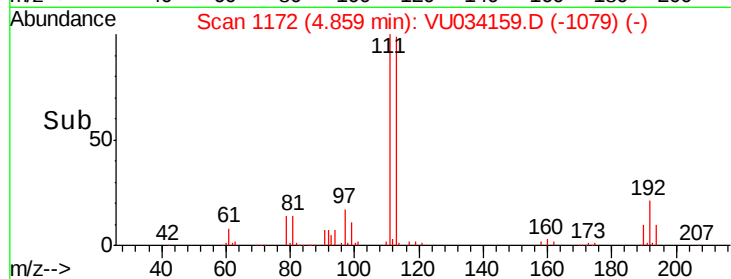
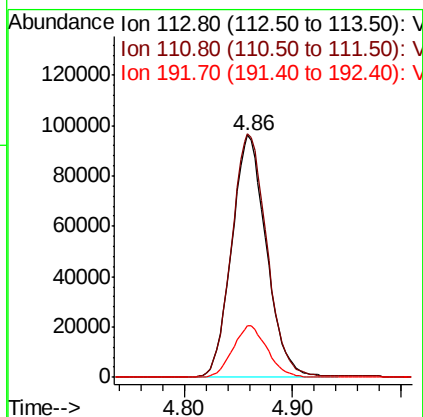
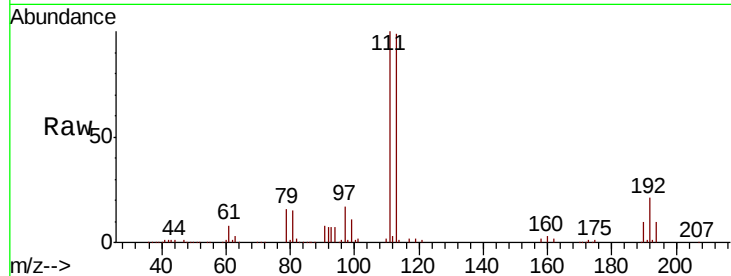




#35  
 Dibromofluoromethane  
 Concen: 48.061 ug/l  
 RT: 4.86 min Scan# 1172  
 Delta R.T. 0.00 min  
 Lab File: VU034159.D  
 Acq: 01 Sep 2019 11:20

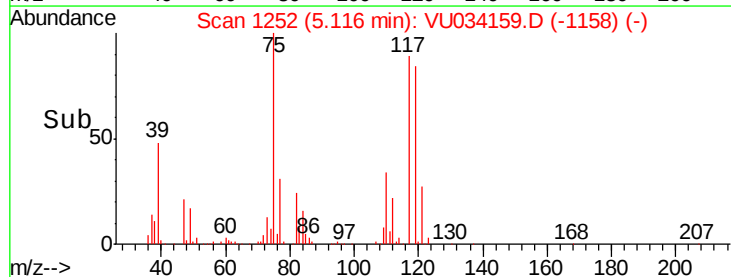
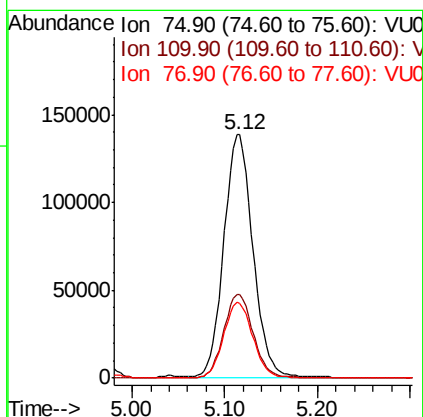
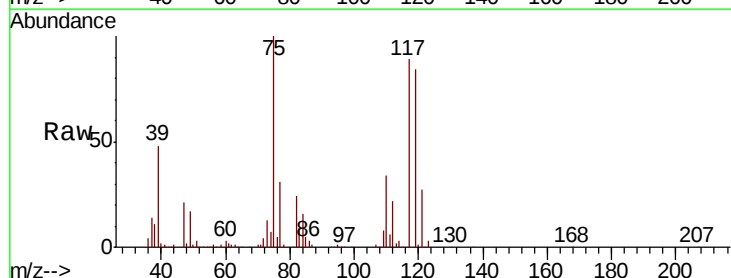
Instrument :  
 MSVOA\_U  
 ClientSampleId :

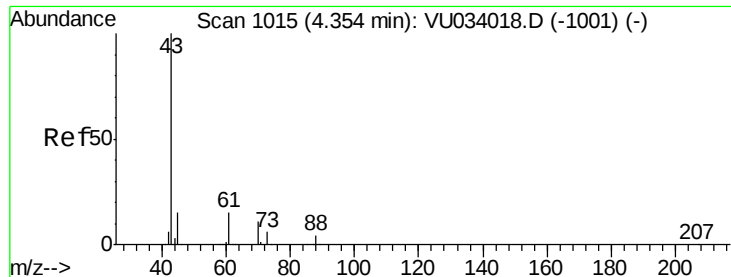
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.0 | 81.7  | 122.5 |
| 192     | 21.0  | 17.1  | 25.7  |



#36  
 1,1-Dichloropropene  
 Concen: 49.101 ug/l  
 RT: 5.12 min Scan# 1252  
 Delta R.T. 0.00 min  
 Lab File: VU034159.D  
 Acq: 01 Sep 2019 11:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.4  | 17.8  | 53.5  |
| 77      | 30.8  | 25.0  | 37.4  |

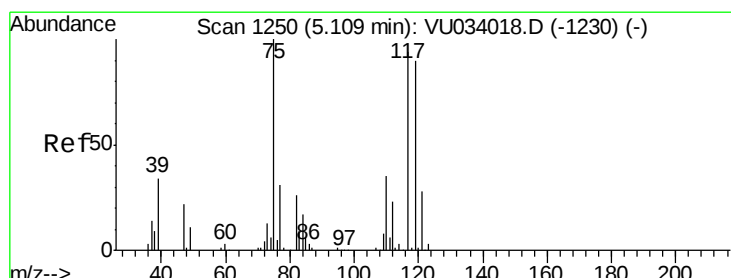
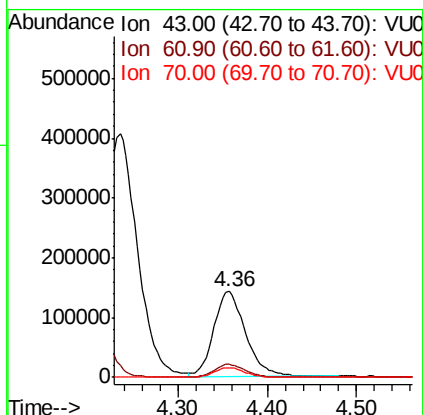
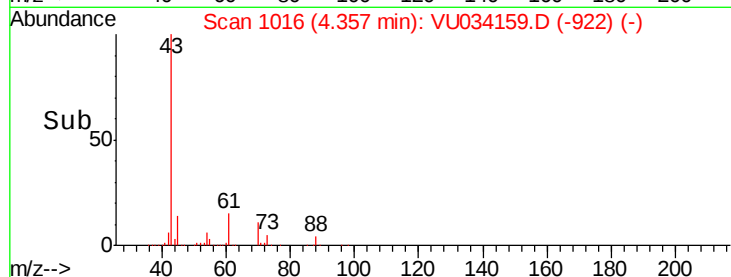
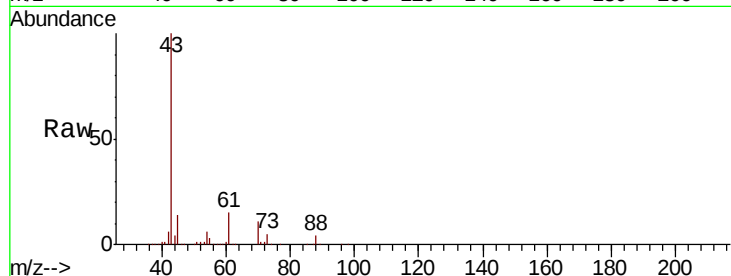




#37  
Ethyl Acetate  
Concen: 51.309 ug/l  
RT: 4.36 min Scan# 1016  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

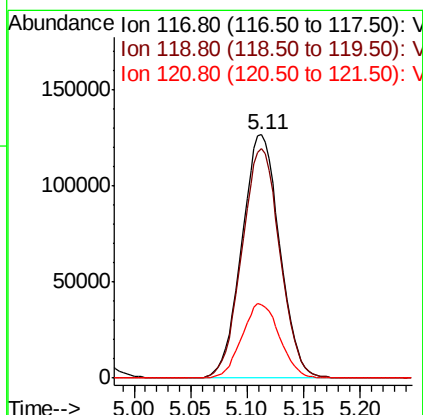
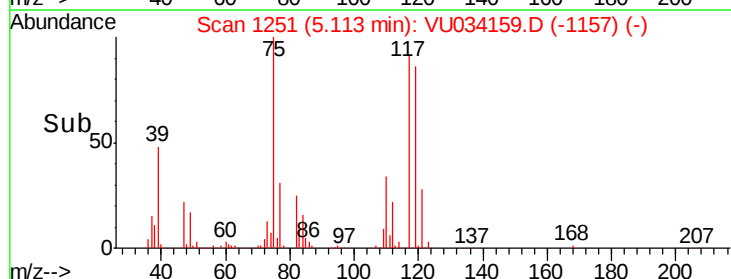
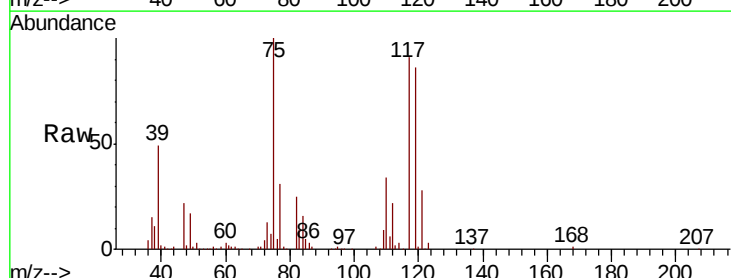
Instrument :  
MSVOA\_U  
ClientSampleId :

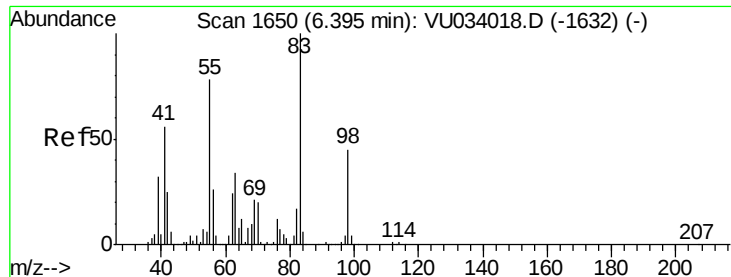
Tot Ion: 43 Resp: 351373  
Ion Ratio Lower Upper  
43 100  
61 14.3 11.5 17.3  
70 10.9 8.6 12.8



#38  
Carbon Tetrachloride  
Concen: 49.804 ug/l  
RT: 5.11 min Scan# 1251  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Tgt Ion: 117 Resp: 293997  
Ion Ratio Lower Upper  
117 100  
119 94.5 77.0 115.4  
121 30.4 23.9 35.9

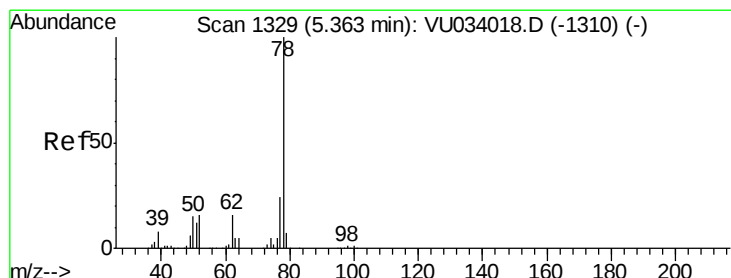
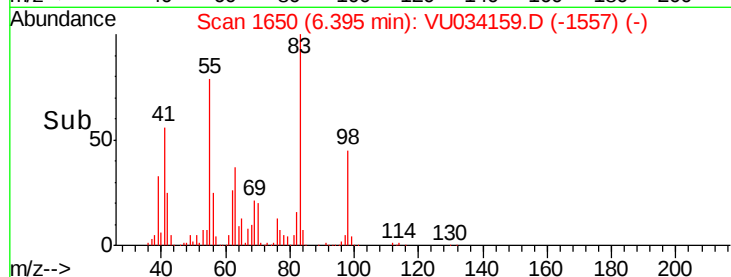
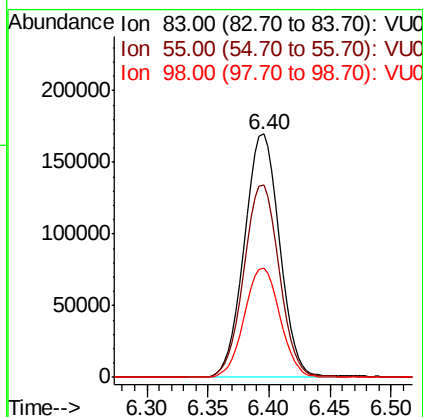
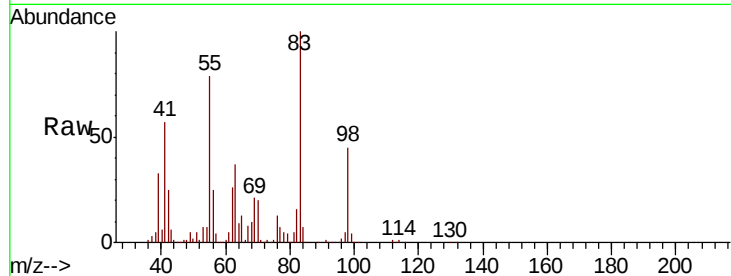




#39  
Methvlcvclohexane  
Concen: 47.049 ug/l  
RT: 6.40 min Scan# 1650  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

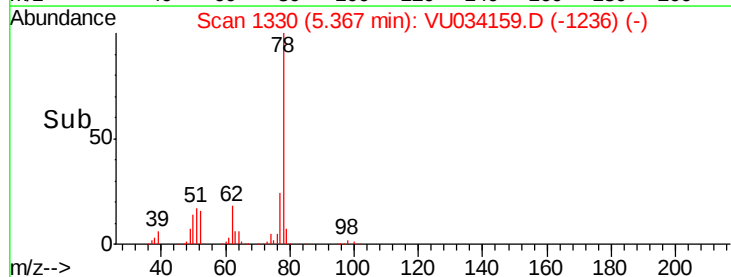
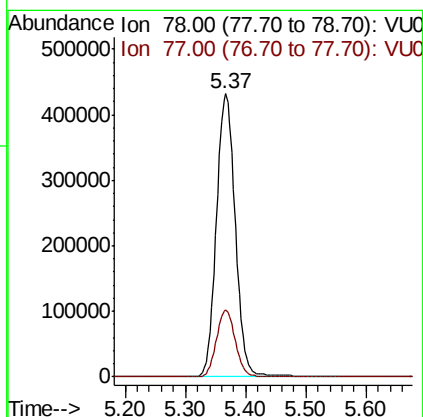
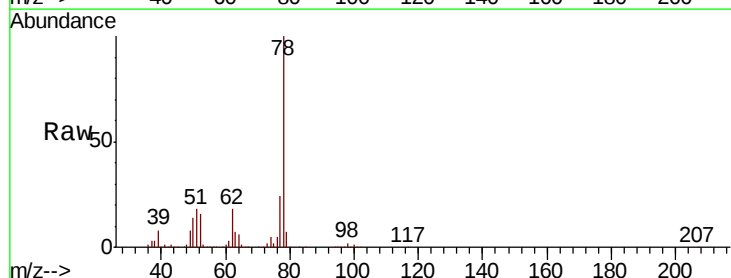
Instrument :  
MSVOA\_U  
ClientSampleId :

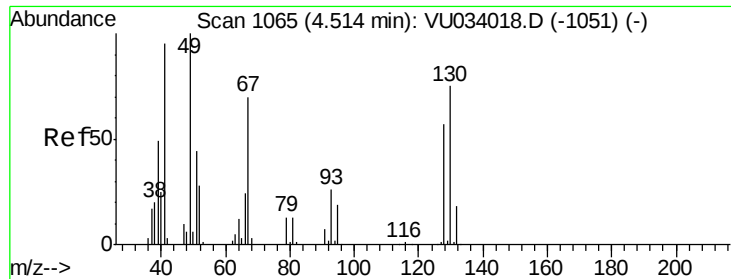
Tot Ion: 83 Resp: 339128  
Ion Ratio Lower Upper  
83 100  
55 78.9 62.3 93.5  
98 44.9 36.2 54.2



#40  
Benzene  
Concen: 50.076 ug/l  
RT: 5.37 min Scan# 1330  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Tgt Ion: 78 Resp: 926548  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.0 28.6

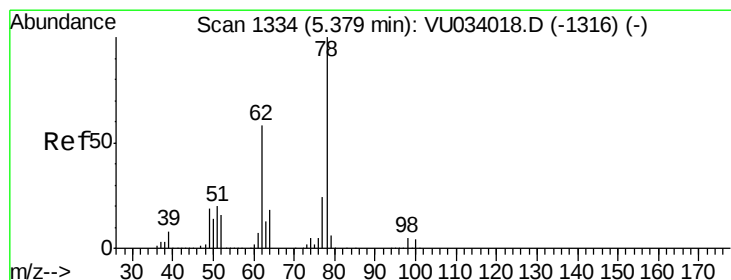
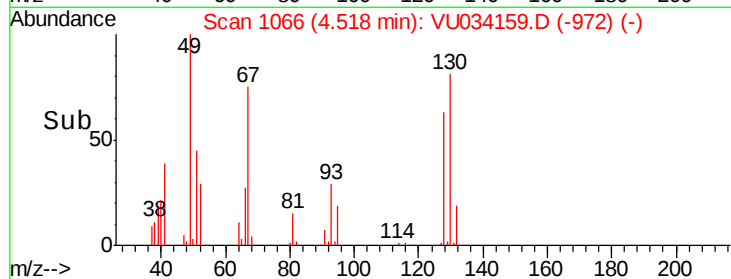
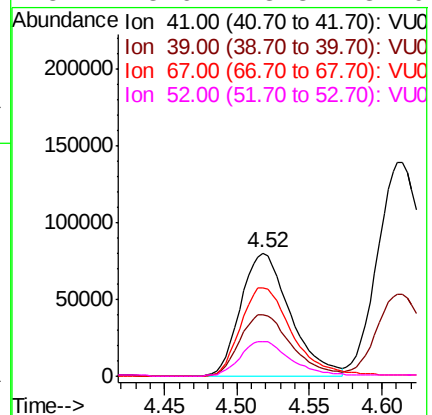
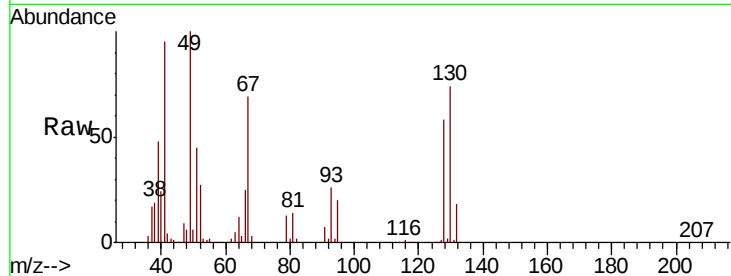




#41  
Methacrylonitrile  
Concen: 53.809 ug/l  
RT: 4.52 min Scan# 1066  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

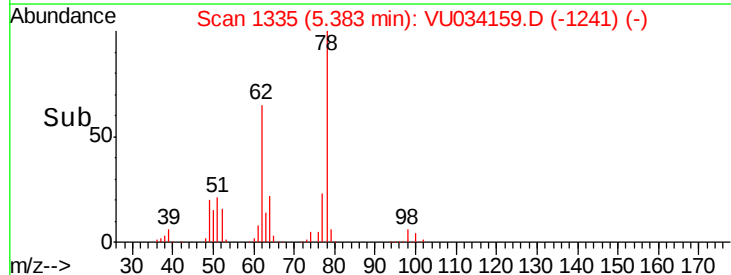
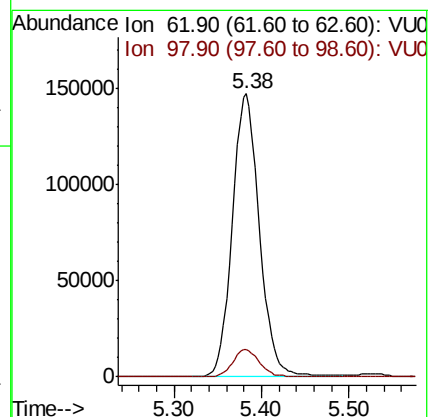
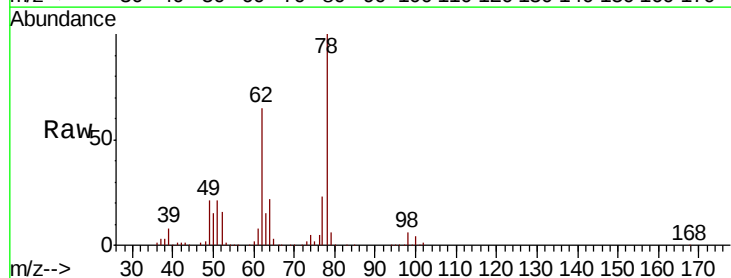
Instrument :  
MSVOA\_U  
ClientSampleId :

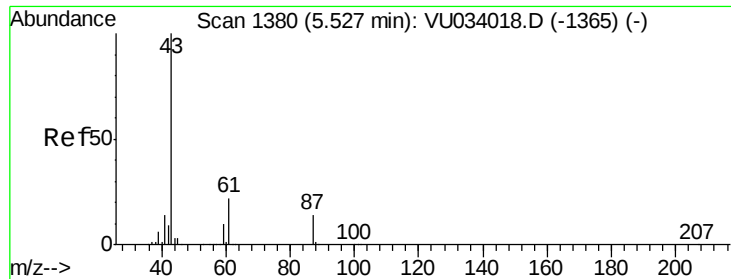
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 188985 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 51.6  | 42.1  | 63.1   |
| 67       | 75.7  | 61.0  | 91.4   |
| 52       | 28.6  | 23.3  | 34.9   |



#42  
1,2-Dichloroethane  
Concen: 49.576 ug/l  
RT: 5.38 min Scan# 1335  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 316754 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.6   | 0.0   | 18.2   |

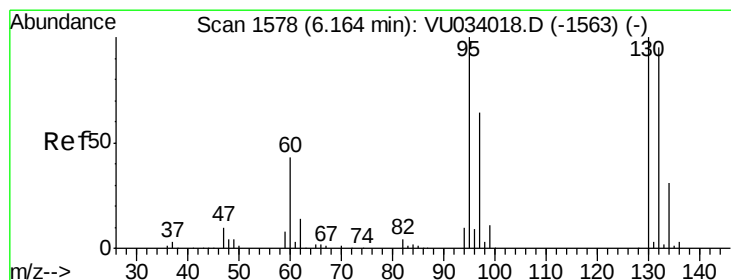
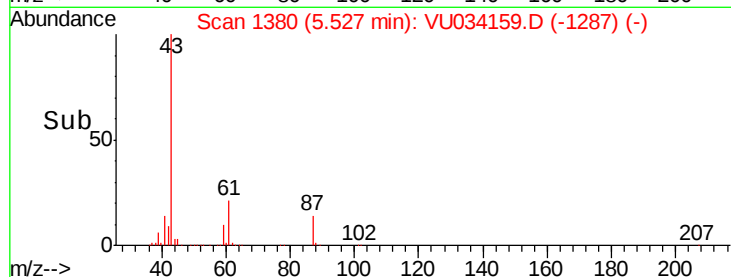
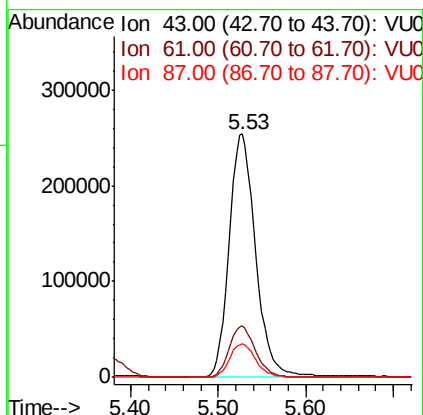
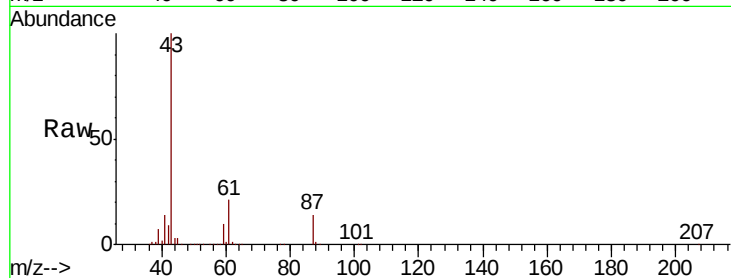




#43  
Isopropyl Acetate  
Concen: 50.894 ug/l  
RT: 5.53 min Scan# 1380  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

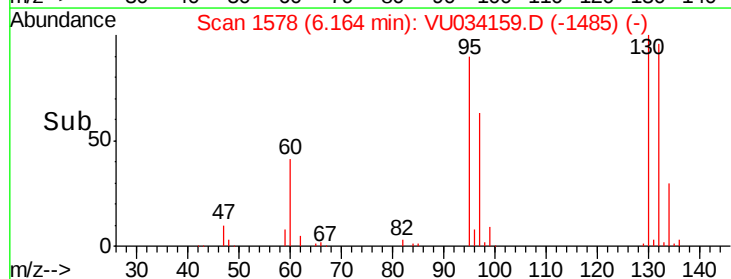
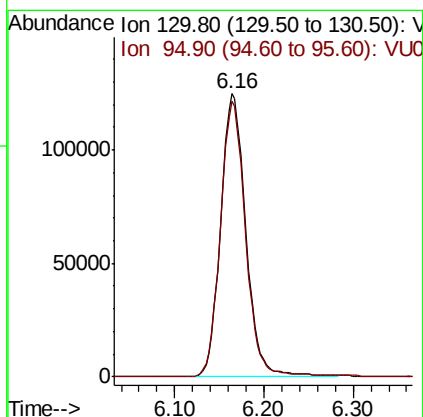
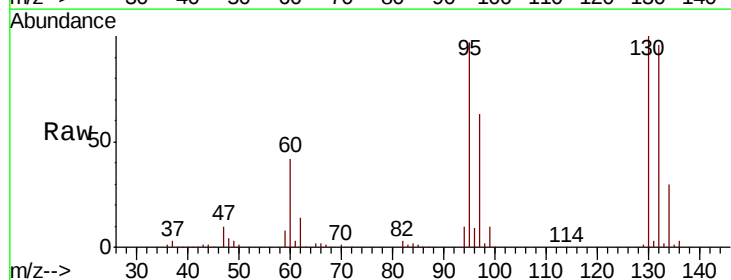
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 43 Resp: 530246  
Ion Ratio Lower Upper  
43 100  
61 21.1 17.2 25.8  
87 13.6 10.8 16.2



#44  
Trichloroethene  
Concen: 50.375 ug/l  
RT: 6.16 min Scan# 1578  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Tgt Ion:130 Resp: 244761  
Ion Ratio Lower Upper  
130 100  
95 97.4 0.0 199.6





#45

1,2-Dichloropropane

Concen: 50.669 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :

MSVOA\_U

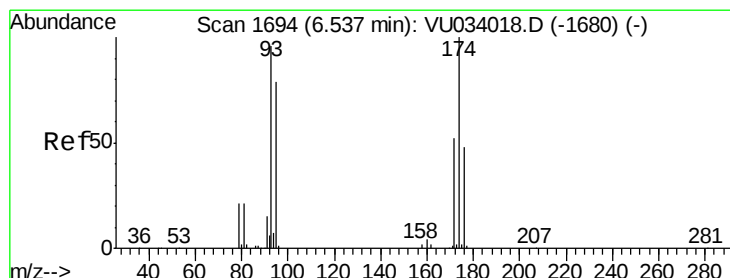
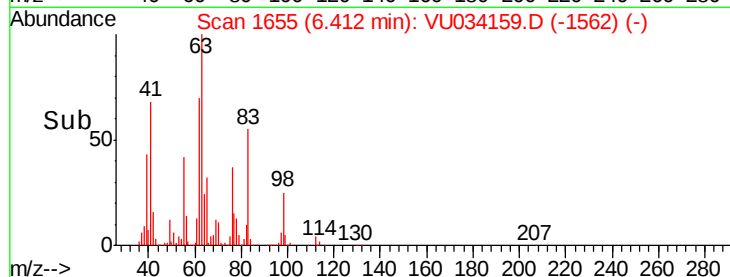
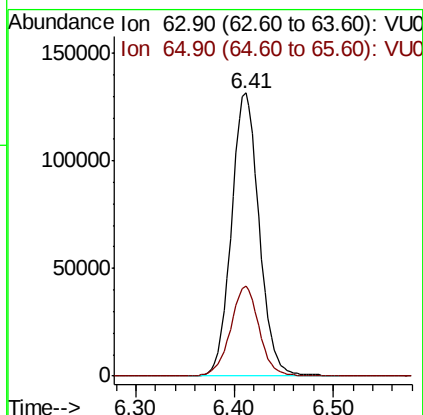
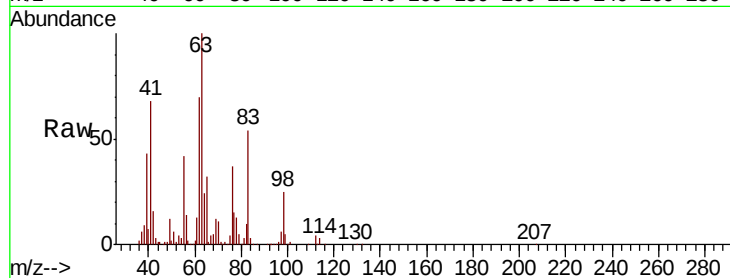
ClientSampleId :

Tot Ion: 63 Resp: 258071

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.2



#46

Dibromomethane

Concen: 50.158 ug/l

RT: 6.54 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

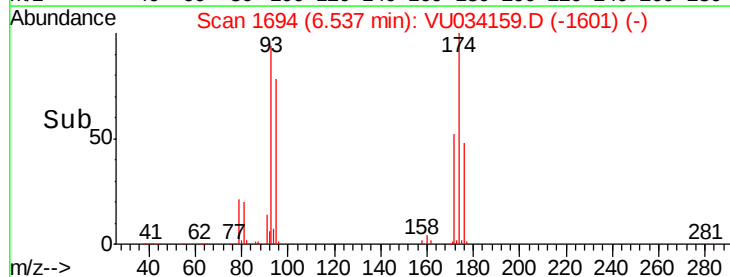
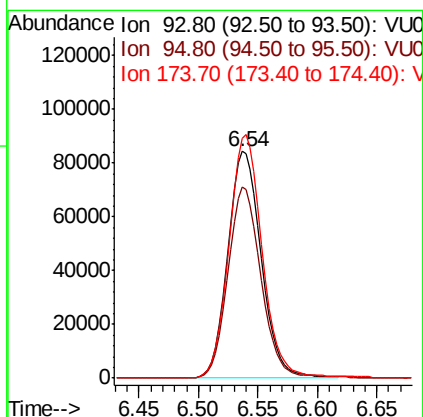
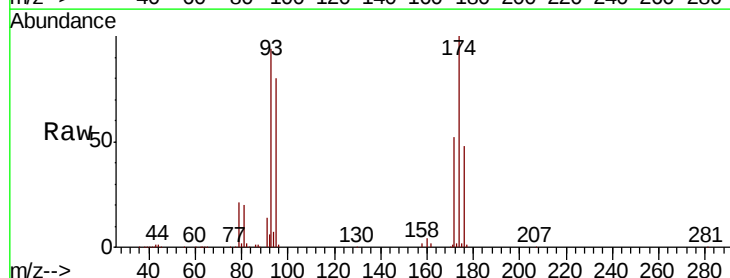
Tgt Ion: 93 Resp: 164590

Ion Ratio Lower Upper

93 100

95 83.7 66.7 100.1

174 106.2 84.9 127.3





#47

Bromodichloromethane

Concen: 50.332 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :

MSVOA\_U

ClientSampled :

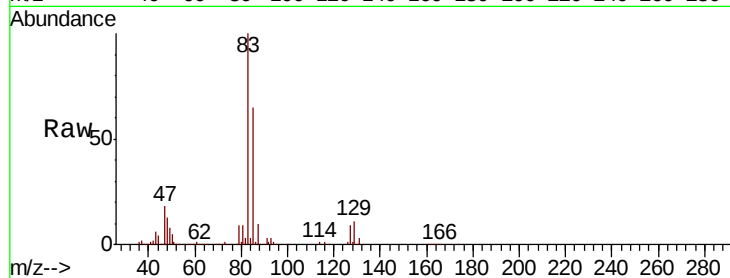
Tot Ion: 83 Resp: 323137

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8

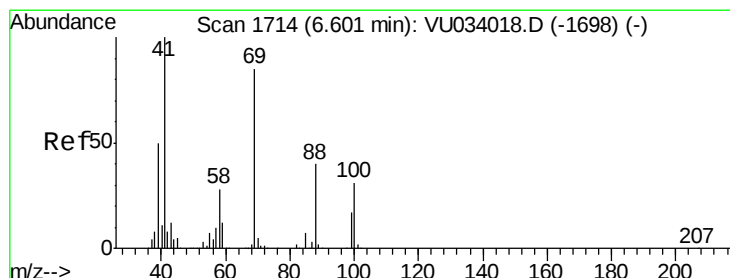
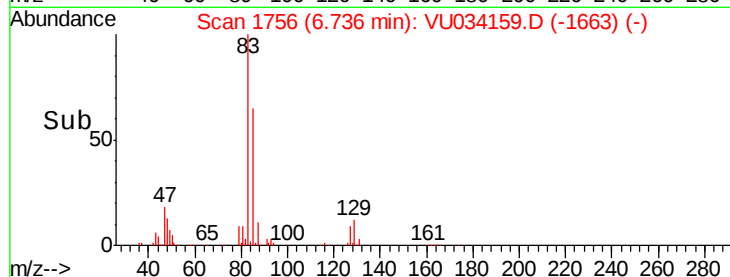
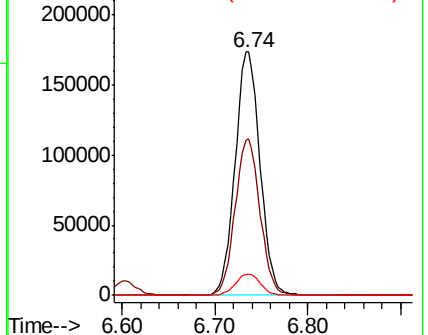
127 8.8 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VU034018.D (-1739) (-)

Ion 84.90 (84.60 to 85.60): VU034018.D (-1739) (-)

Ion 126.80 (126.50 to 127.50): VU034018.D (-1739) (-)



#48

Methyl methacrylate

Concen: 51.085 ug/l

RT: 6.60 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

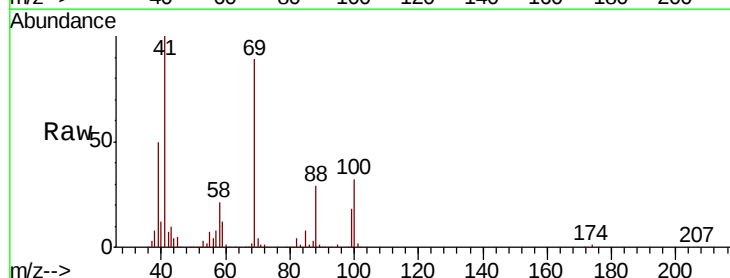
Tgt Ion: 41 Resp: 256829

Ion Ratio Lower Upper

41 100

69 88.7 69.5 104.3

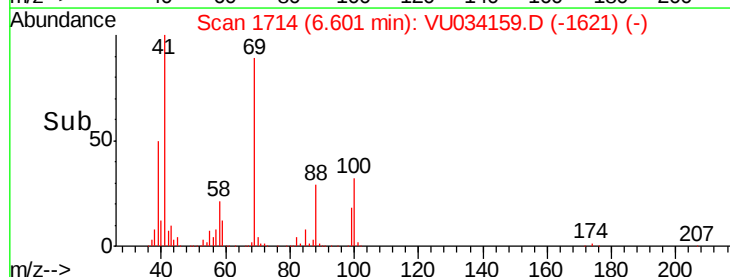
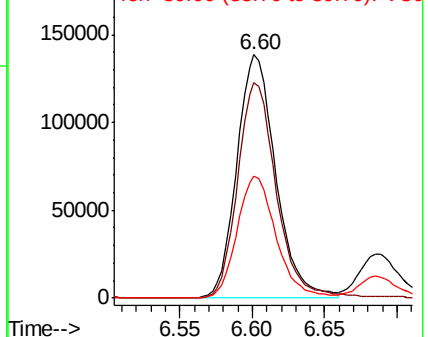
39 50.0 40.3 60.5



Abundance Ion 41.00 (40.70 to 41.70): VU034018.D (-1698) (-)

Ion 69.00 (68.70 to 69.70): VU034018.D (-1698) (-)

Ion 39.00 (38.70 to 39.70): VU034018.D (-1698) (-)

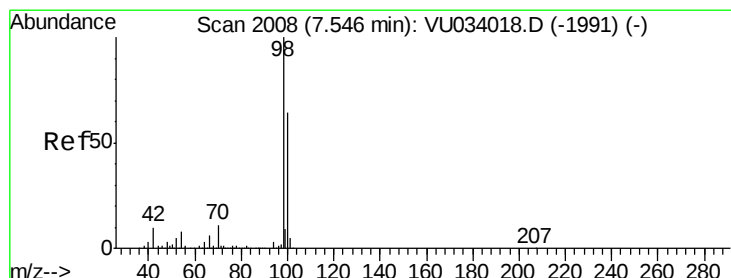
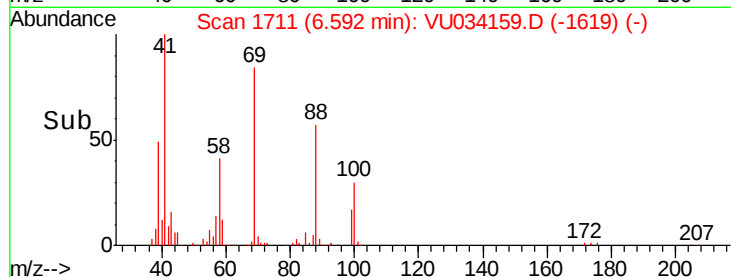
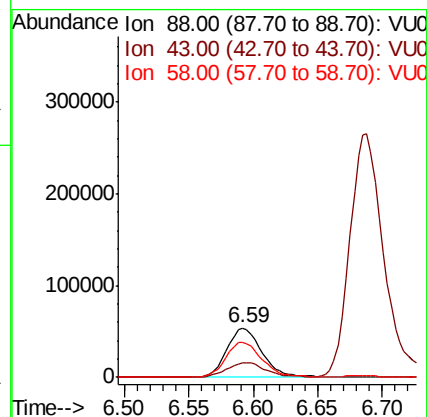
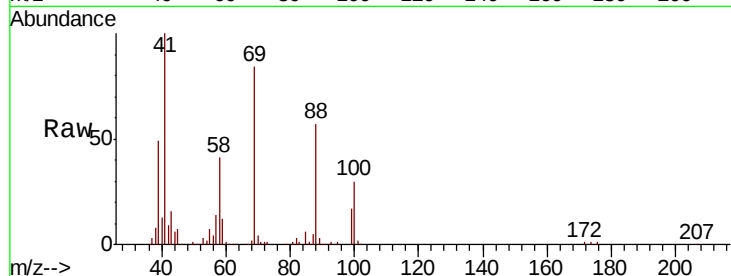




#49  
1,4-Dioxane  
Concen: 790.350 ug/l  
RT: 6.59 min Scan# 1711  
Delta R.T. -0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

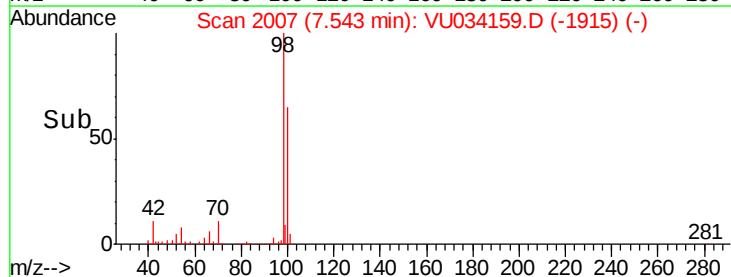
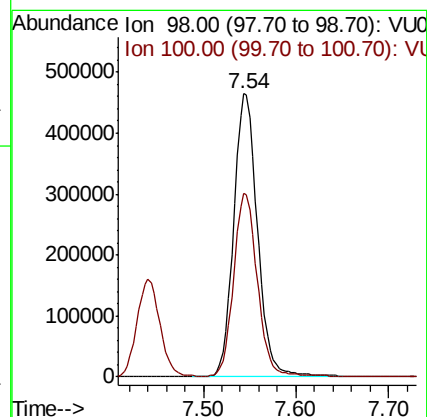
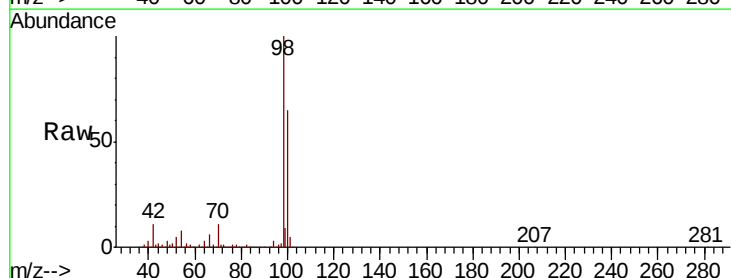
Instrument :  
MSVOA\_U  
ClientSampleId :

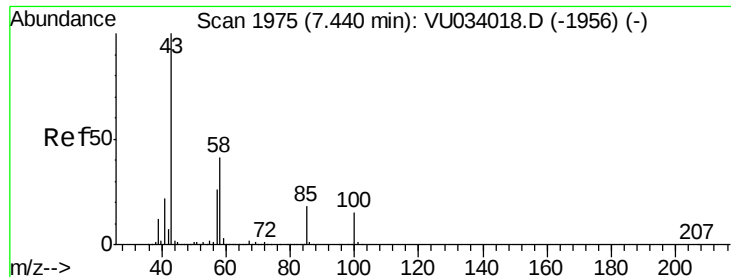
Tot Ion: 88 Resp: 99558  
Ion Ratio Lower Upper  
88 100  
43 30.8 24.8 37.2  
58 75.0 59.3 88.9



#50  
Toluene-d8  
Concen: 49.368 ug/l  
RT: 7.54 min Scan# 2007  
Delta R.T. -0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Tgt Ion: 98 Resp: 828939  
Ion Ratio Lower Upper  
98 100  
100 65.0 50.3 75.5

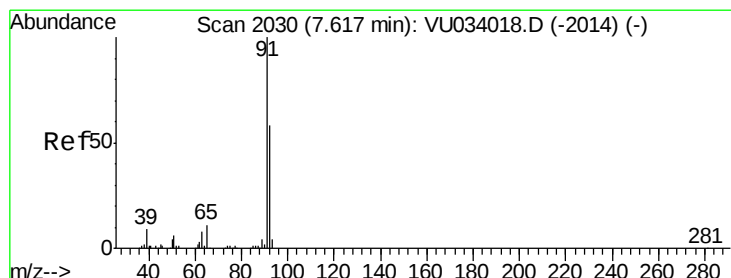
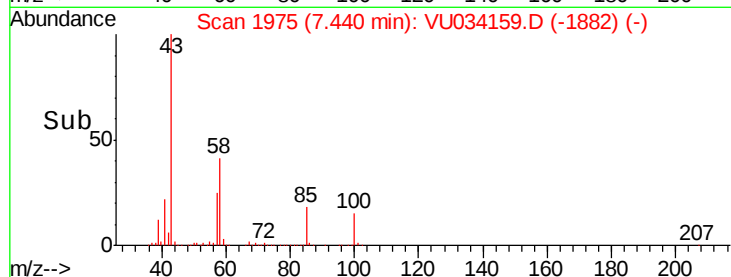
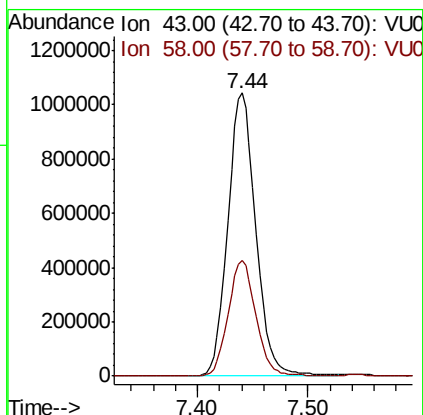
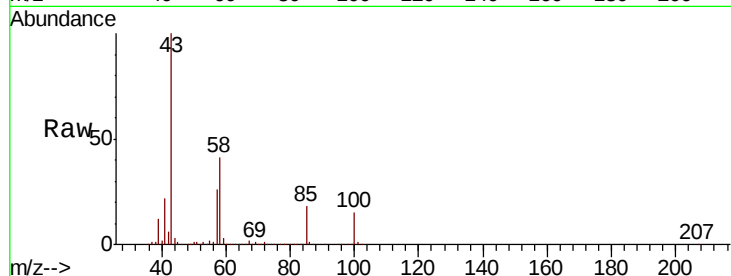




#51  
4-Methyl-2-Pentanone  
Concen: 254.258 ug/l  
RT: 7.44 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

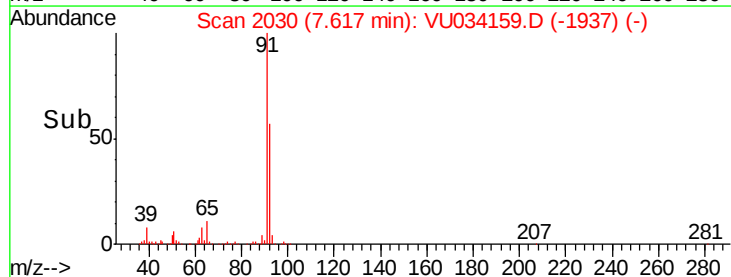
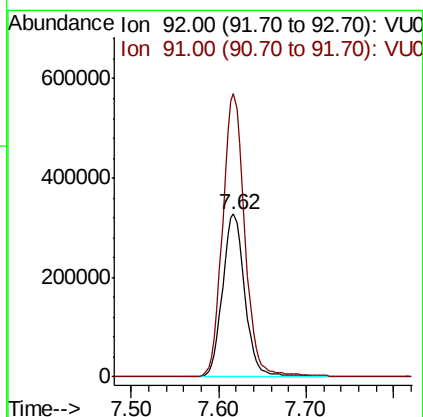
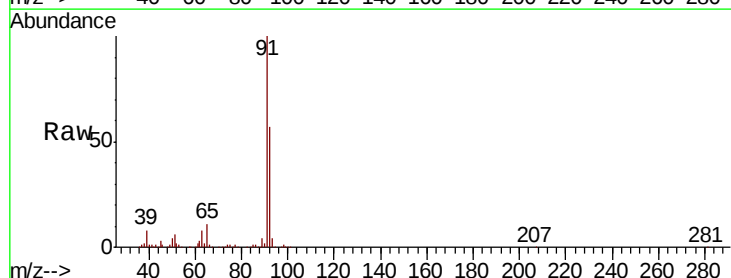
Instrument :  
MSVOA\_U  
ClientSampled :

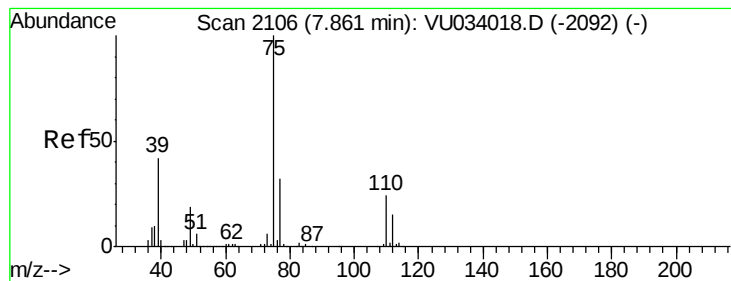
Tot Ion: 43 Resp: 1829421  
Ion Ratio Lower Upper  
43 100  
58 40.6 32.2 48.4



#52  
Toluene  
Concen: 50.945 ug/l  
RT: 7.62 min Scan# 2030  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Tgt Ion: 92 Resp: 580669  
Ion Ratio Lower Upper  
92 100  
91 173.4 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 50.471 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :

MSVOA\_U

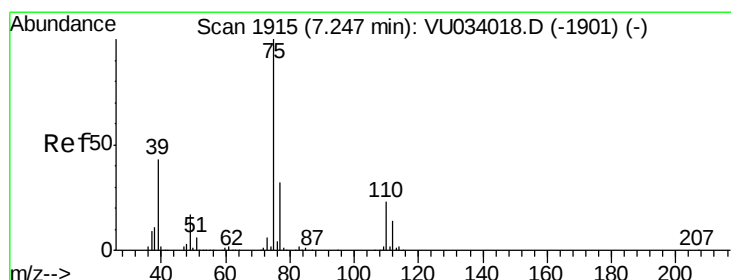
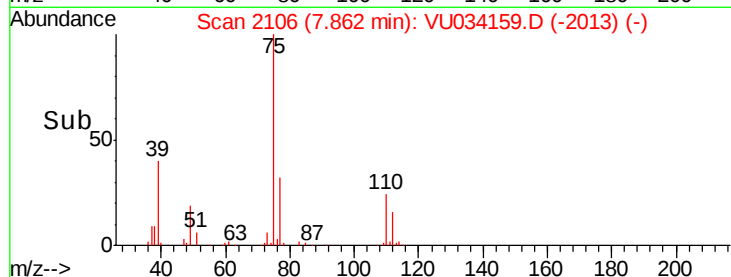
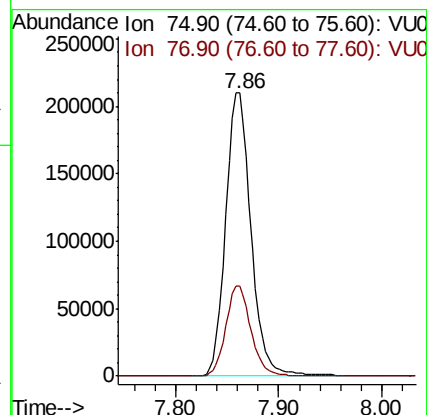
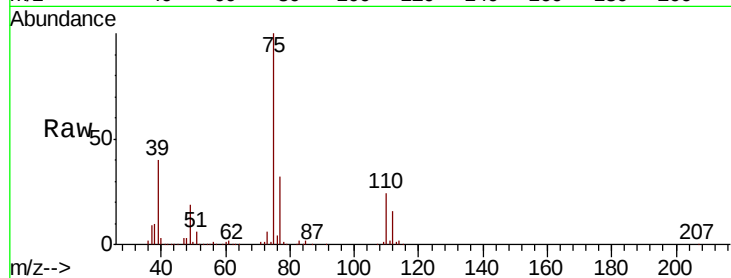
ClientSampleId :

Tot Ion: 75 Resp: 359539

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 51.062 ug/l

RT: 7.25 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

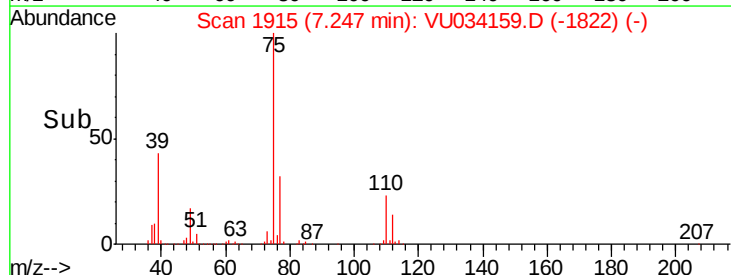
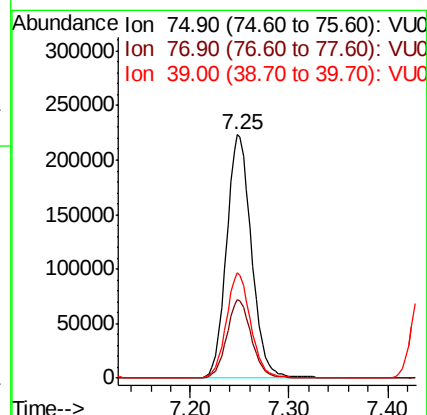
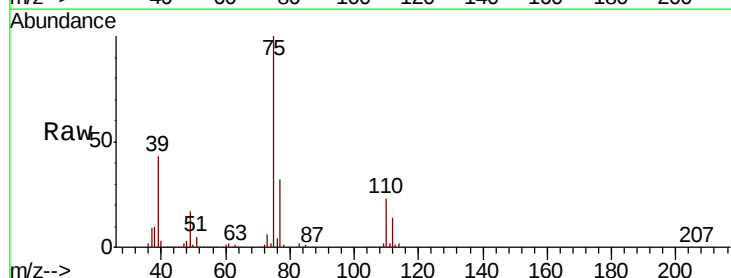
Tgt Ion: 75 Resp: 397394

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

39 43.2 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 50.366 ug/l

RT: 8.04 min Scan# 2163

Delta R.T. -0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

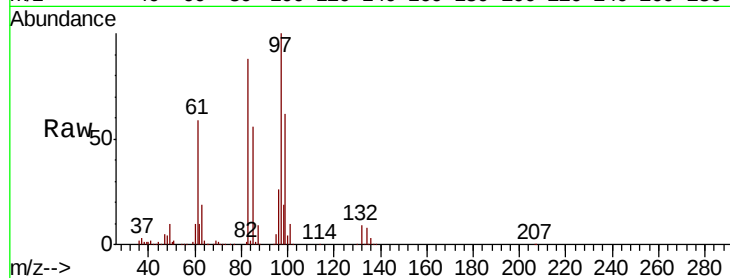
Instrument :

MSVOA\_U

ClientSampleId :

Tot Ion: 97 Resp: 242825

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.6  | 70.1  | 105.1 |
| 85  | 56.3  | 45.0  | 67.4  |
| 99  | 62.0  | 49.8  | 74.8  |

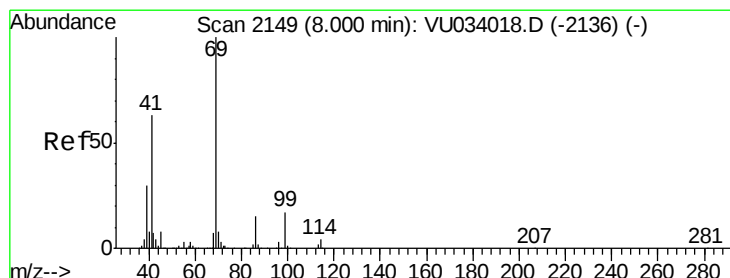
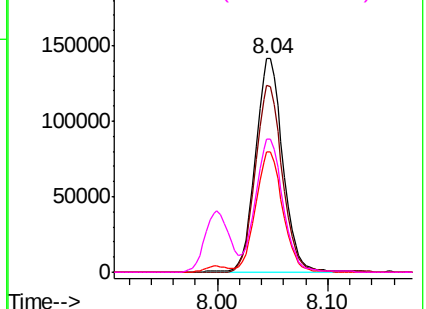
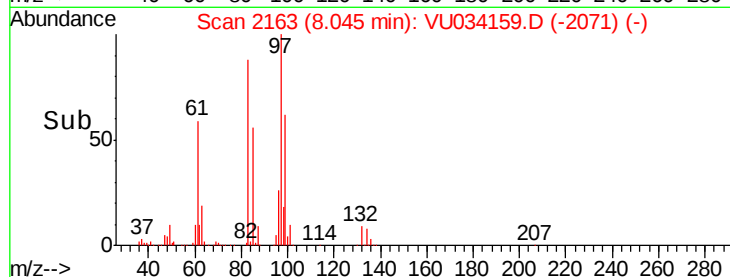


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56

Ethyl methacrylate

Concen: 46.514 ug/l

RT: 8.00 min Scan# 2149

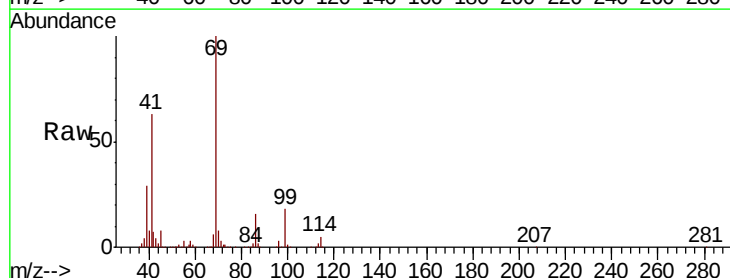
Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Tgt Ion: 69 Resp: 371426

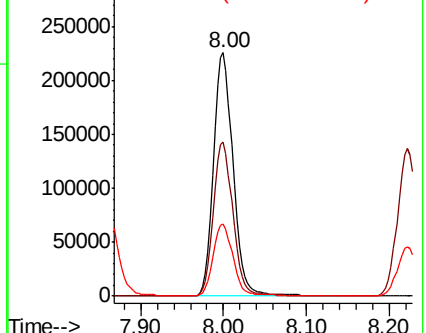
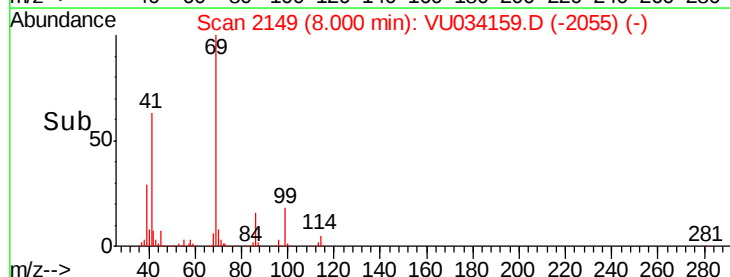
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 63.2  | 50.7  | 76.1  |
| 39  | 29.7  | 24.2  | 36.2  |

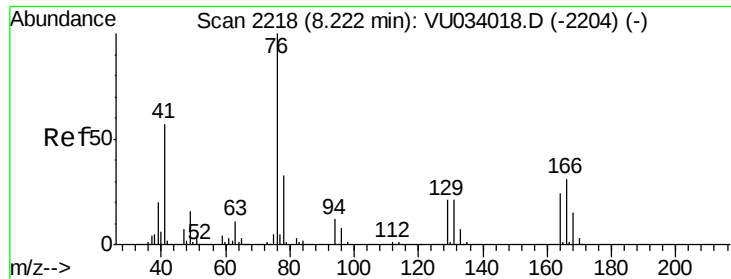


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

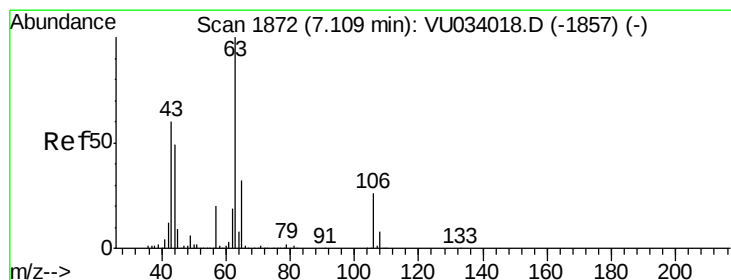
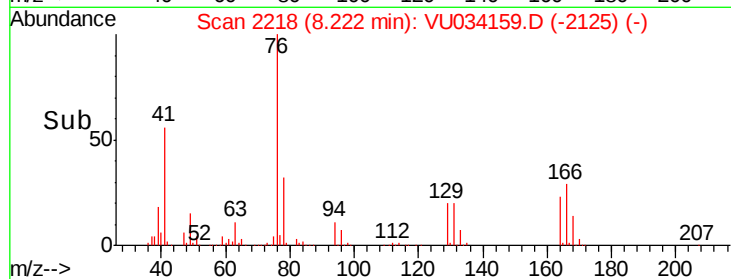
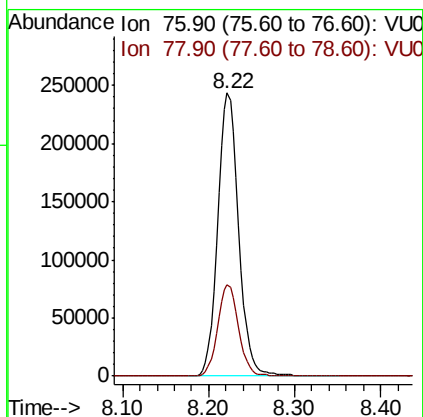
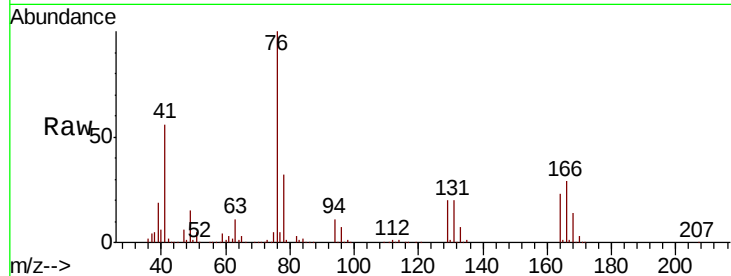




#57  
 1,3-Dichloropropane  
 Concen: 50.350 ug/l  
 RT: 8.22 min Scan# 2218  
 Delta R.T. 0.00 min  
 Lab File: VU034159.D  
 Acq: 01 Sep 2019 11:20

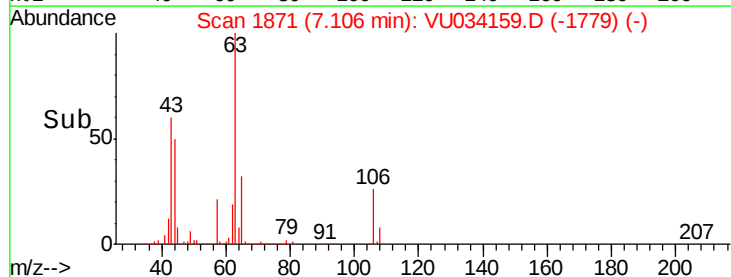
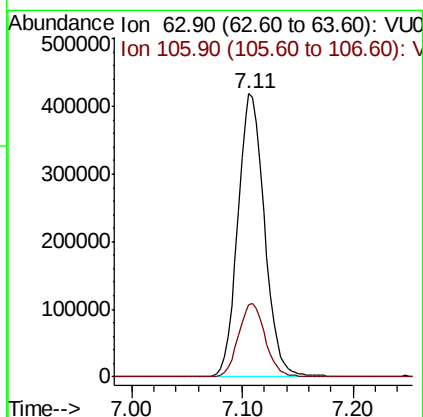
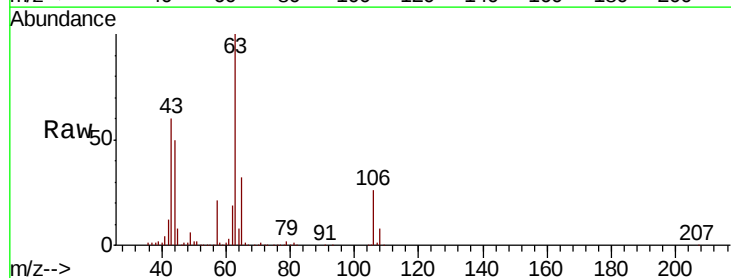
Instrument :  
 MSVOA\_U  
 ClientSampled :

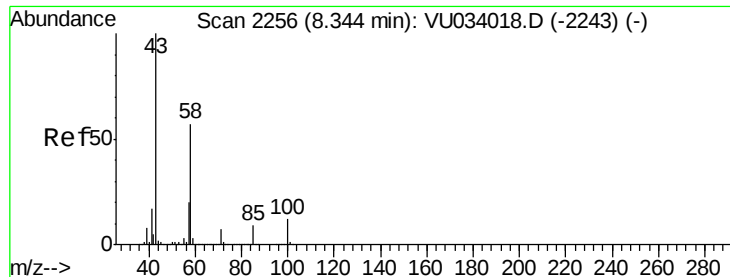
Tot Ion: 76 Resp: 412176  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 26.2 39.4



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 263.058 ug/l  
 RT: 7.11 min Scan# 1871  
 Delta R.T. -0.00 min  
 Lab File: VU034159.D  
 Acq: 01 Sep 2019 11:20

Tgt Ion: 63 Resp: 701644  
 Ion Ratio Lower Upper  
 63 100  
 106 26.1 20.7 31.1

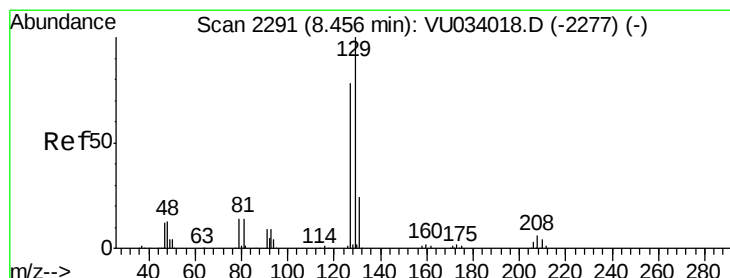
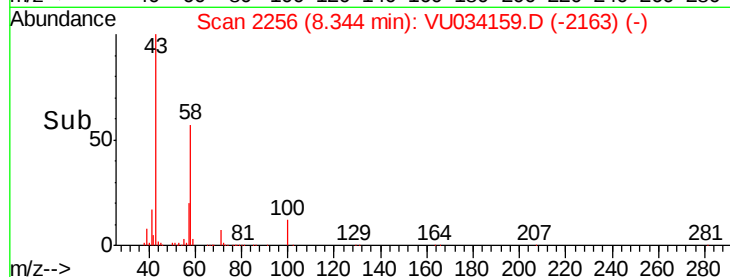
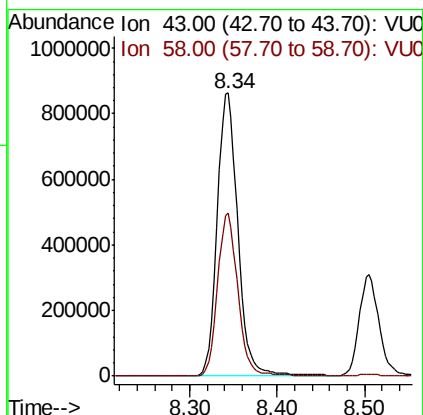
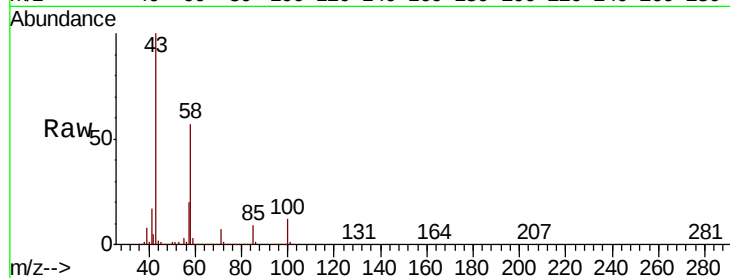




#59  
2-Hexanone  
Concen: 261.818 ug/l  
RT: 8.34 min Scan# 2256  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

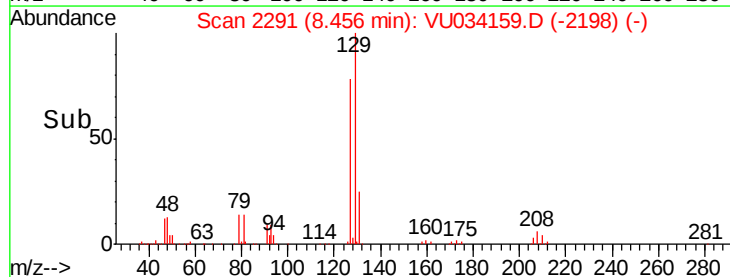
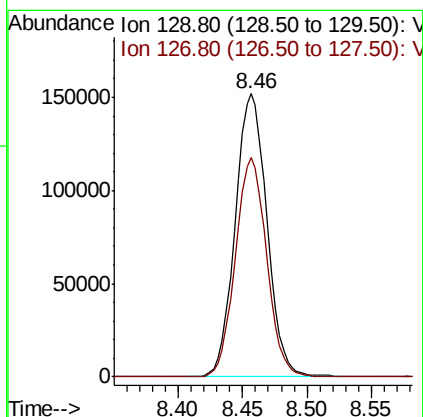
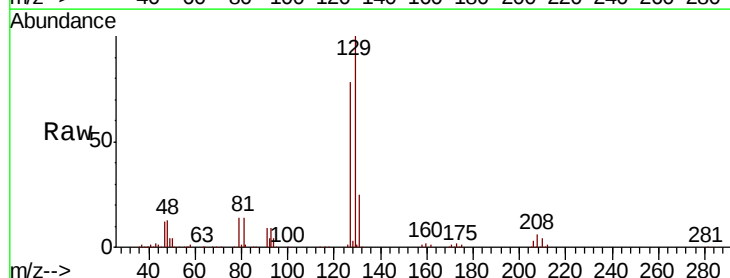
Instrument :  
MSVOA\_U  
ClientSampleId :

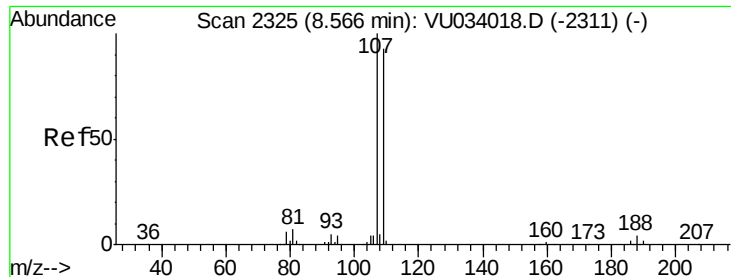
Tot Ion: 43 Resp: 1422111  
Ion Ratio Lower Upper  
43 100  
58 56.8 28.4 85.3



#60  
Dibromochloromethane  
Concen: 50.196 ug/l  
RT: 8.46 min Scan# 2291  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Tgt Ion: 129 Resp: 259782  
Ion Ratio Lower Upper  
129 100  
127 76.4 39.0 116.9





#61

1,2-Dibromoethane

Concen: 49.477 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :

MSVOA\_U

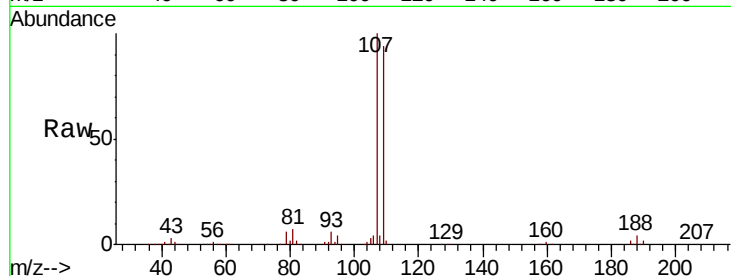
ClientSampleId :

Tot Ion:107 Resp: 251280

Ion Ratio Lower Upper

107 100

109 94.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.57

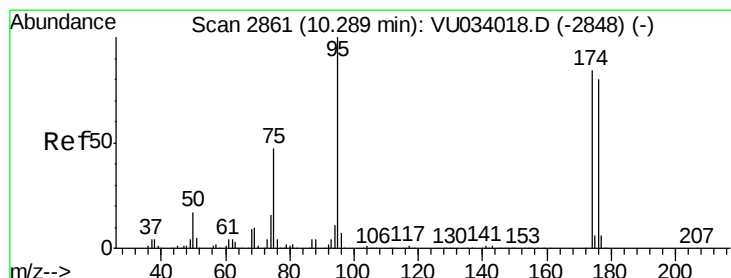
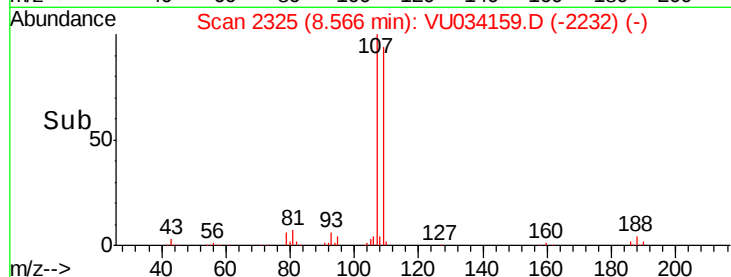
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.134 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

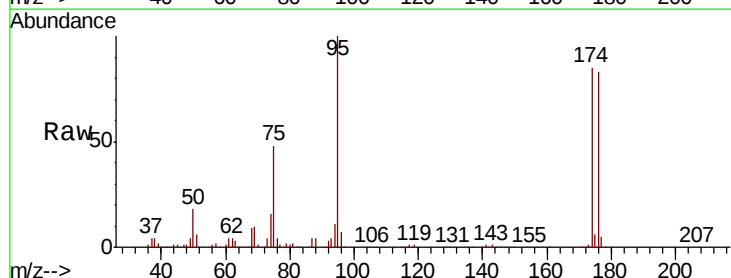
Tgt Ion: 95 Resp: 314389

Ion Ratio Lower Upper

95 100

174 84.8 0.0 168.8

176 82.6 0.0 161.8



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

250000

200000

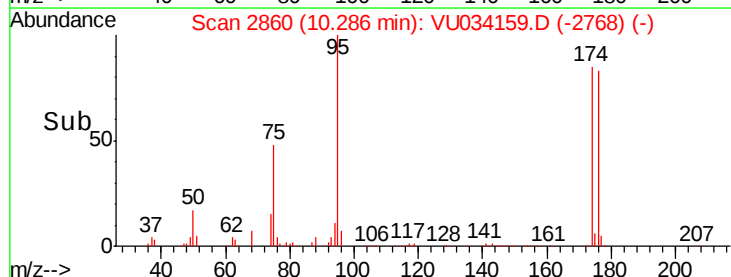
150000

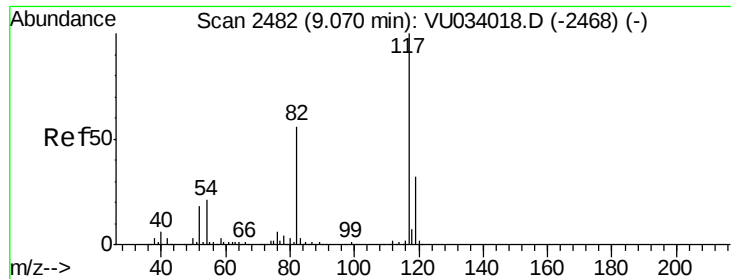
100000

50000

0

Time-->

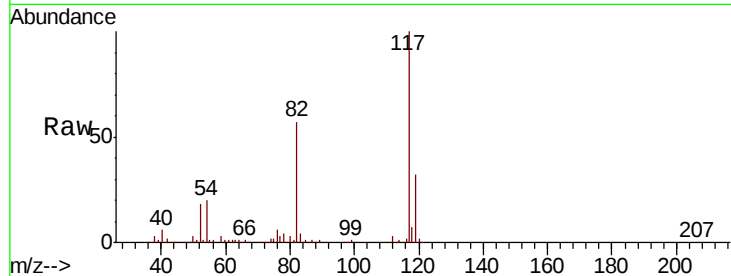




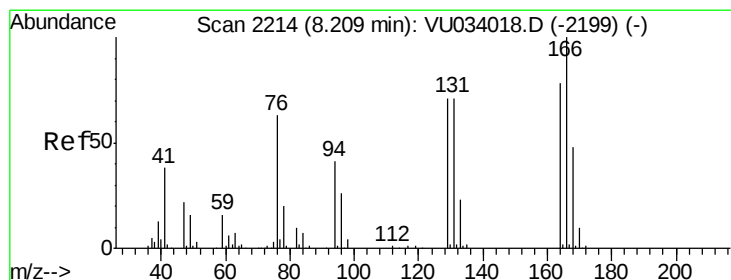
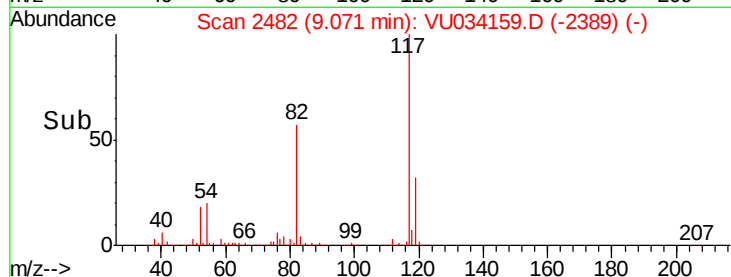
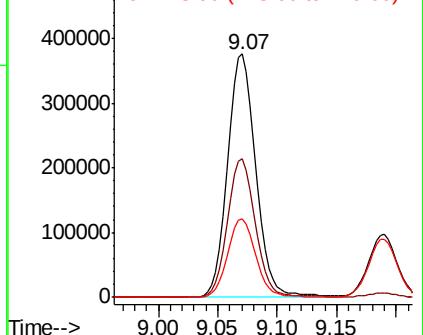
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.07 min Scan# 2482  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion:117 Resp: 619939  
Ion Ratio Lower Upper  
117 100  
82 56.7 45.1 67.7  
119 32.4 25.4 38.0

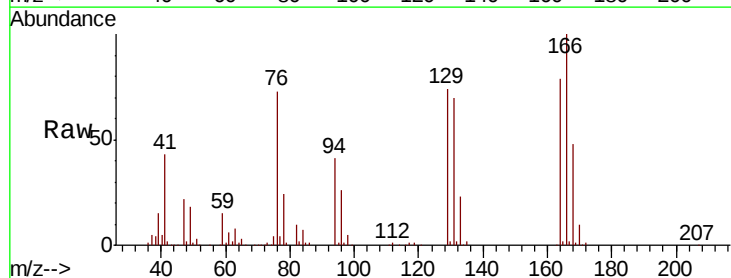


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VU0  
Ion 118.90 (118.60 to 119.60): V

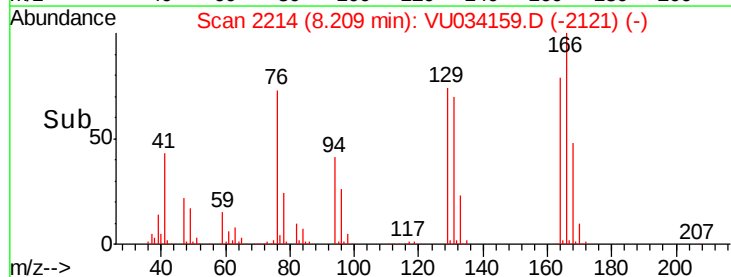
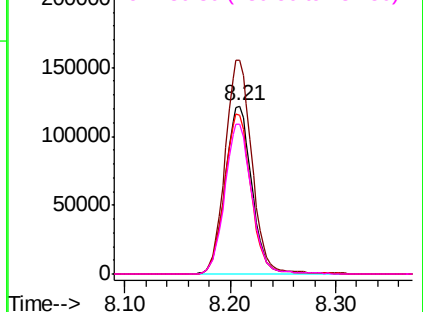


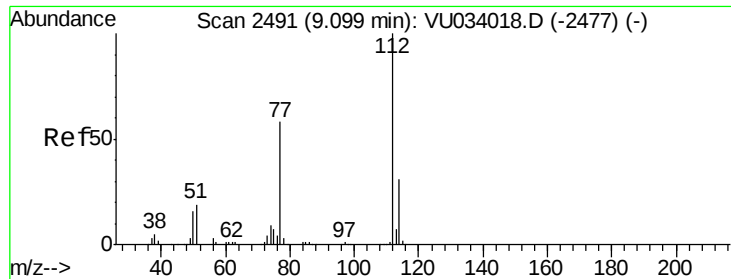
#64  
Tetrachloroethene  
Concen: 51.104 ug/l  
RT: 8.21 min Scan# 2214  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Tgt Ion:164 Resp: 212763  
Ion Ratio Lower Upper  
164 100  
166 127.1 102.2 153.2  
129 94.4 72.4 108.6  
131 88.9 72.1 108.1



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 50.160 ug/l

RT: 9.10 min Scan# 2491

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :

MSVOA\_U

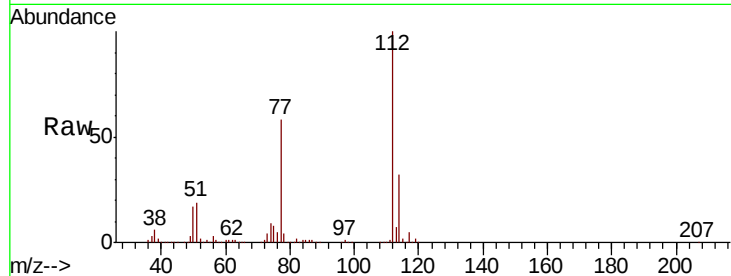
ClientSampleId :

Tot Ion:112 Resp: 639931

Ion Ratio Lower Upper

112 100

114 31.7 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.10

400000

300000

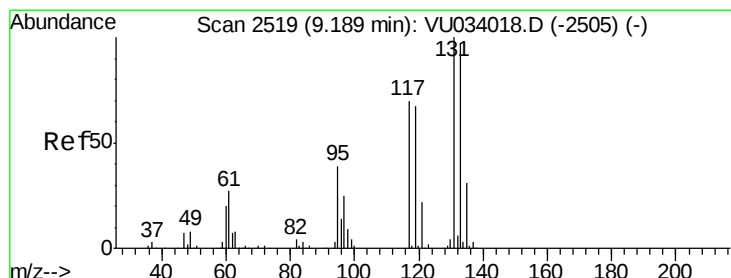
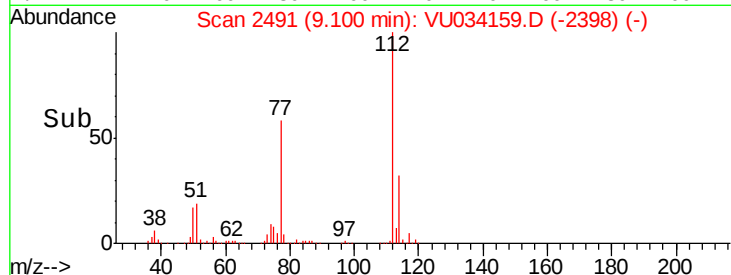
200000

100000

0

Time-->

9.00 9.10 9.20 9.30



#66

1,1,1,2-Tetrachloroethane

Concen: 49.084 ug/l

RT: 9.19 min Scan# 2519

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

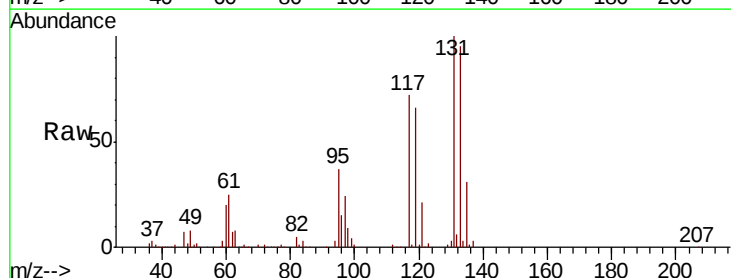
Tgt Ion:131 Resp: 227065

Ion Ratio Lower Upper

131 100

133 95.9 48.4 145.2

119 66.2 33.6 100.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

9.19

150000

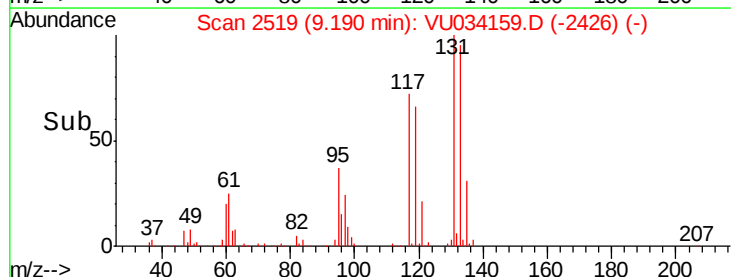
100000

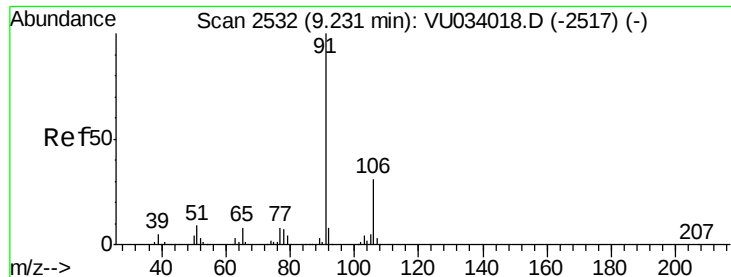
50000

0

Time-->

9.10 9.20 9.30

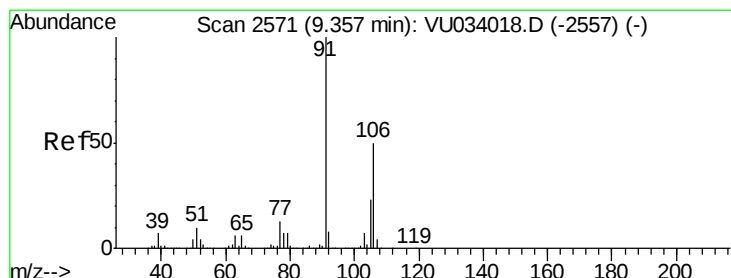
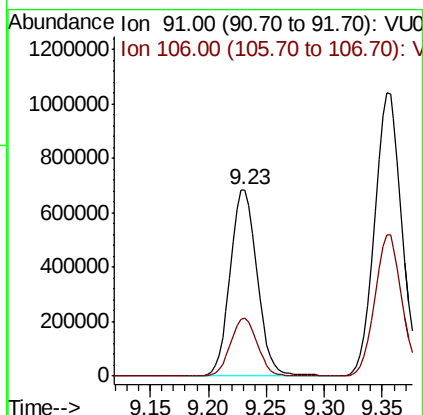
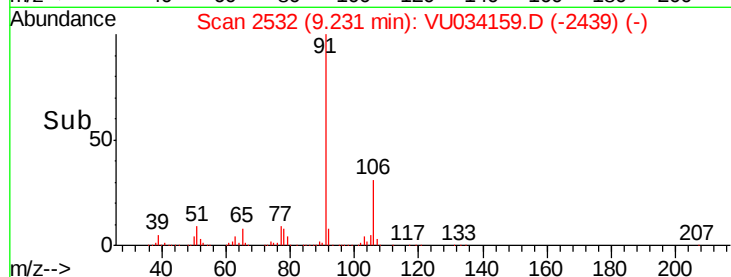
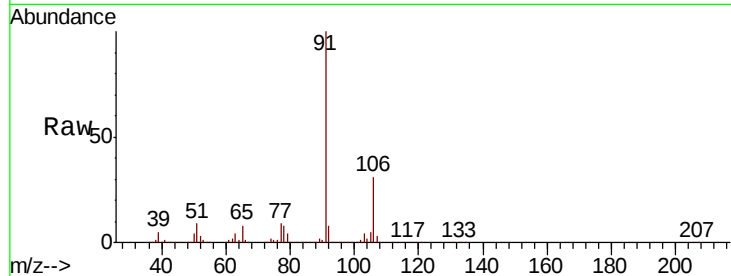




#67  
Ethyl Benzene  
Concen: 51.194 ug/l  
RT: 9.23 min Scan# 2532  
Delta R.T. 0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

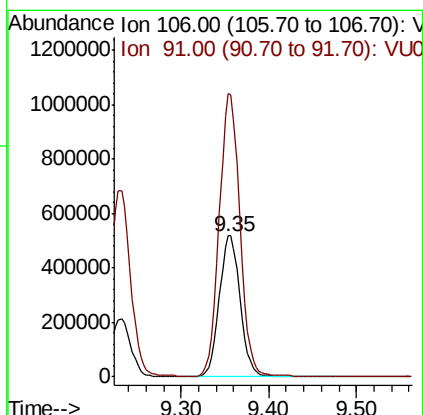
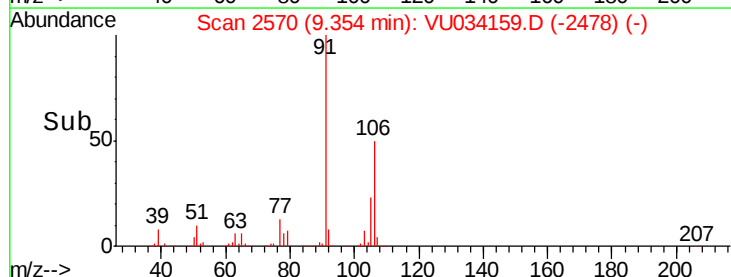
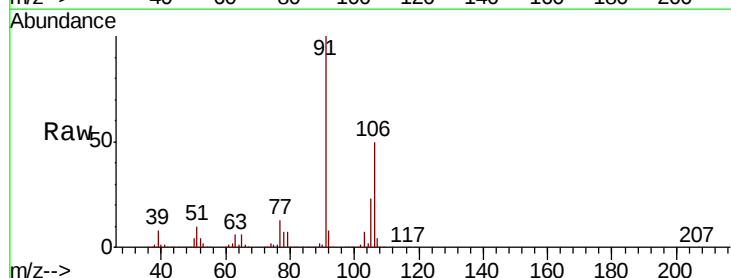
Instrument :  
MSVOA\_U  
ClientSampleId :

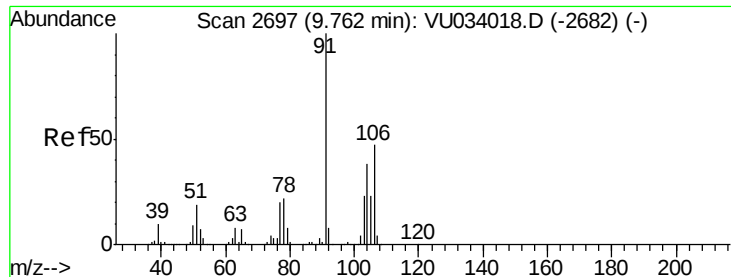
Tot Ion: 91 Resp: 1107114  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.9 37.3



#68  
m/p-Xylenes  
Concen: 104.372 ug/l  
RT: 9.35 min Scan# 2570  
Delta R.T. -0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Tgt Ion: 106 Resp: 858260  
Ion Ratio Lower Upper  
106 100  
91 199.9 161.6 242.4

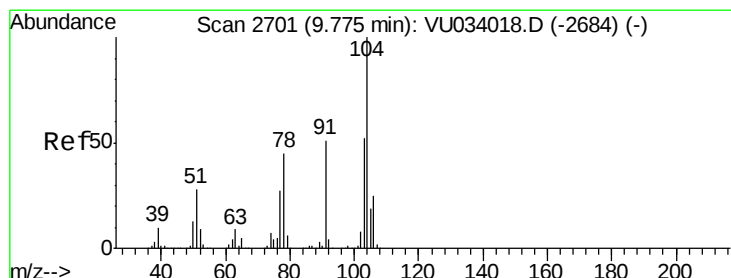
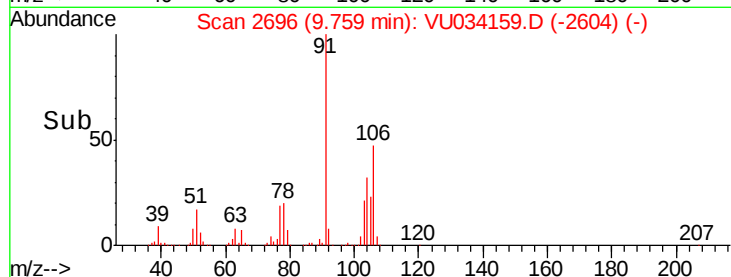
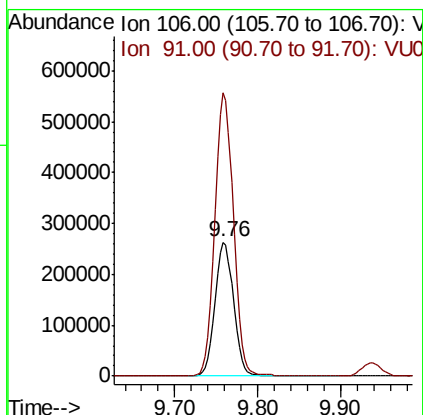
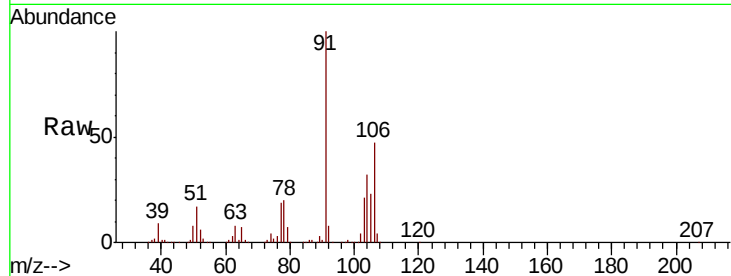




#69  
o-Xylene  
Concen: 51.907 ug/l  
RT: 9.76 min Scan# 2696  
Delta R.T. -0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

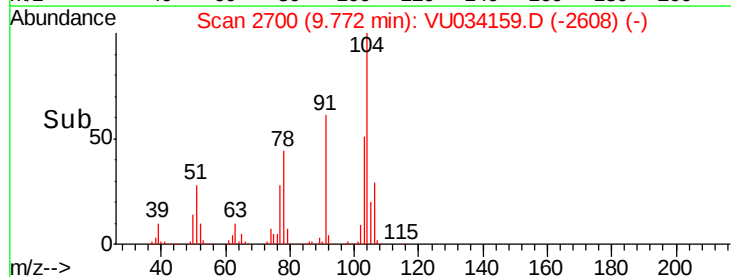
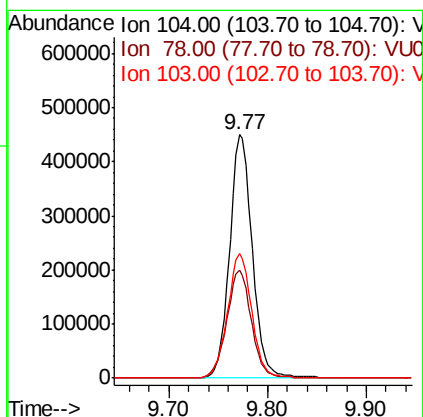
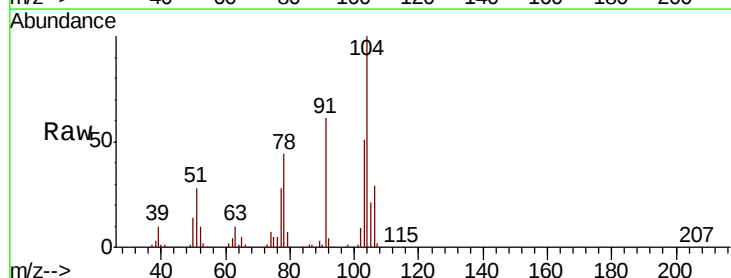
Instrument :  
MSVOA\_U  
ClientSampled :

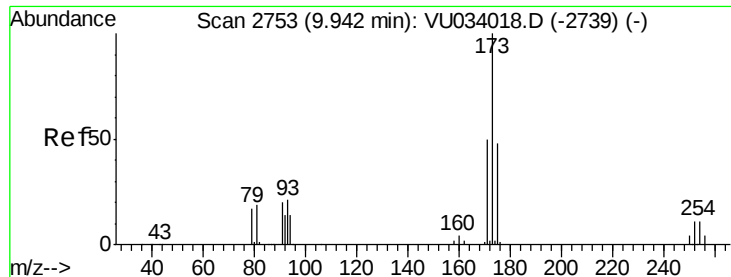
Tot Ion:106 Resp: 409498  
Ion Ratio Lower Upper  
106 100  
91 211.0 106.0 318.0



#70  
Styrene  
Concen: 53.711 ug/l  
RT: 9.77 min Scan# 2700  
Delta R.T. -0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Tgt Ion:104 Resp: 726543  
Ion Ratio Lower Upper  
104 100  
78 48.2 39.0 58.4  
103 54.7 44.0 66.0





#71

Bromoform

Concen: 49.432 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :  
MSVOA\_U  
ClientSampleId :

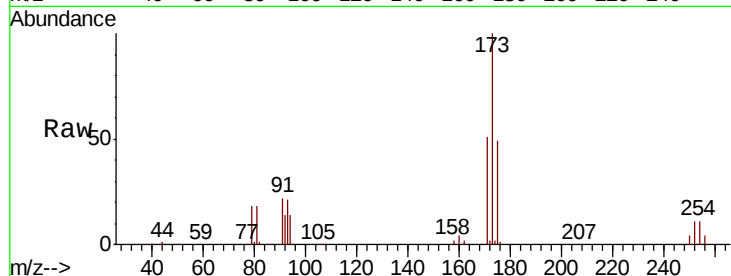
Tot Ion:173 Resp: 198685

Ion Ratio Lower Upper

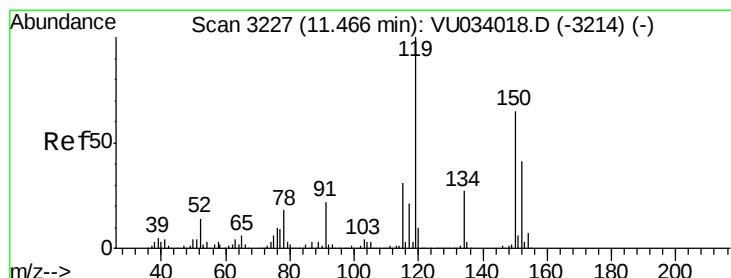
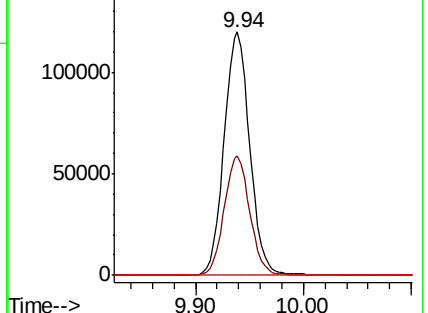
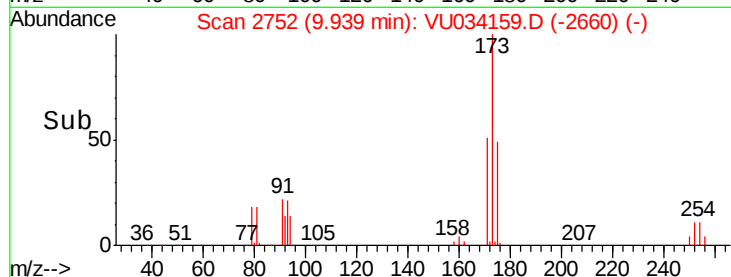
173 100

175 48.9 24.6 73.6

254 0.1 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: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

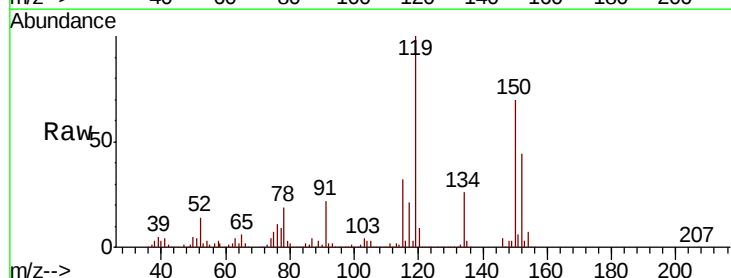
Tgt Ion:152 Resp: 340227

Ion Ratio Lower Upper

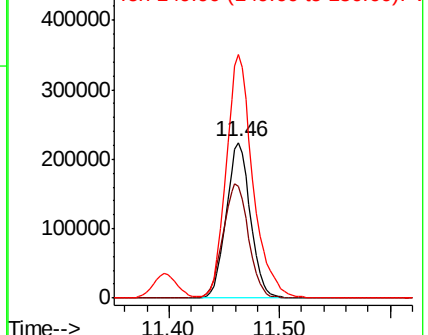
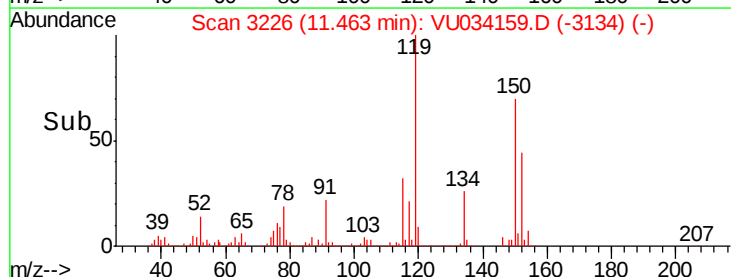
152 100

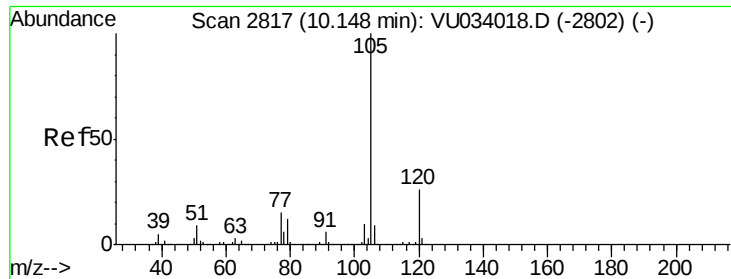
115 77.4 41.1 123.3

150 171.9 0.0 348.8



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





#73

Isopropylbenzene

Concen: 48.142 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :

MSVOA\_U

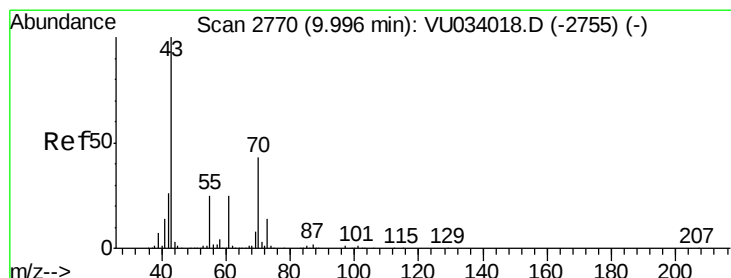
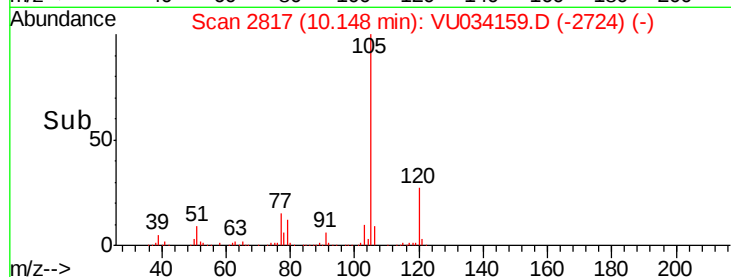
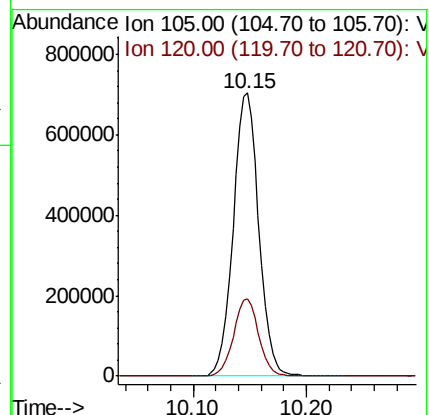
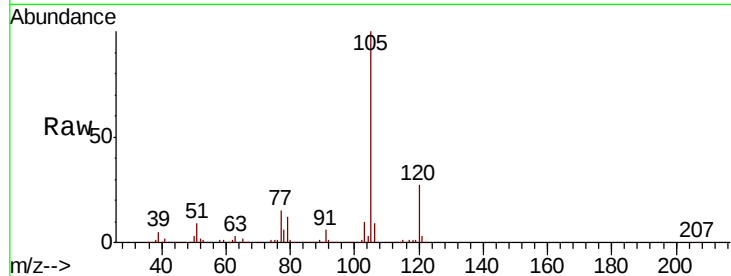
ClientSampleId :

Tot Ion:105 Resp: 1100192

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.8



#74

N-ethyl acetate

Concen: 49.832 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Tgt Ion: 43 Resp: 478972

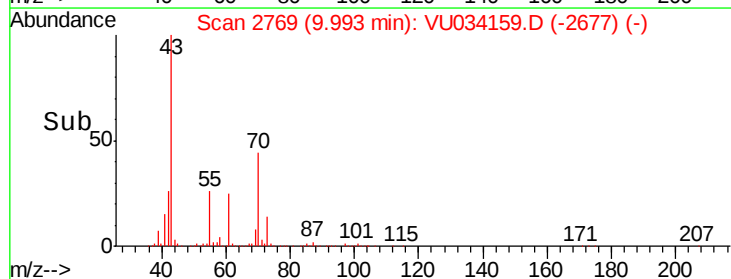
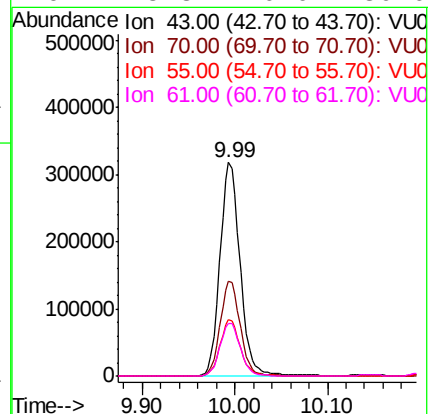
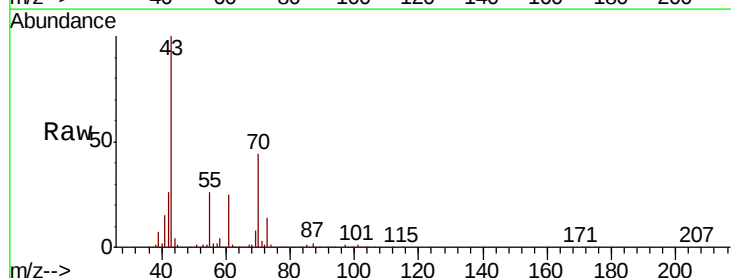
Ion Ratio Lower Upper

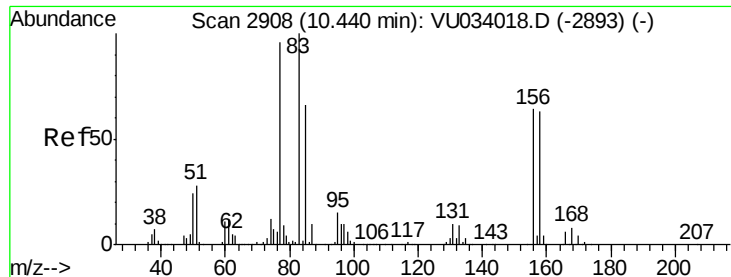
43 100

70 44.1 35.2 52.8

55 26.2 20.5 30.7

61 25.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.640 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :

MSVOA\_U

ClientSampleId :

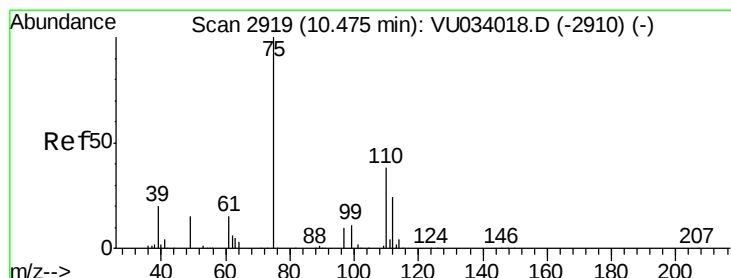
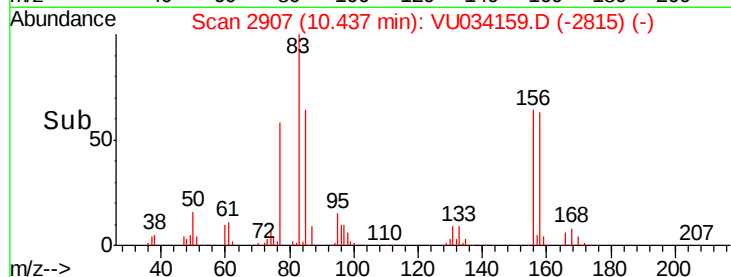
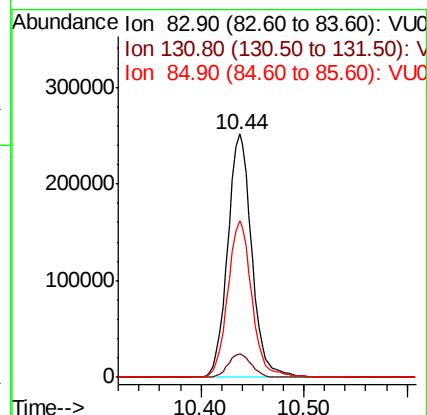
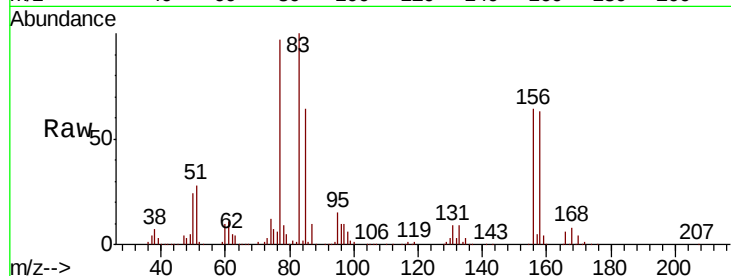
Tot Ion: 83 Resp: 407954

Ion Ratio Lower Upper

83 100

131 9.4 5.0 14.9

85 64.6 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 59.720 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034159.D

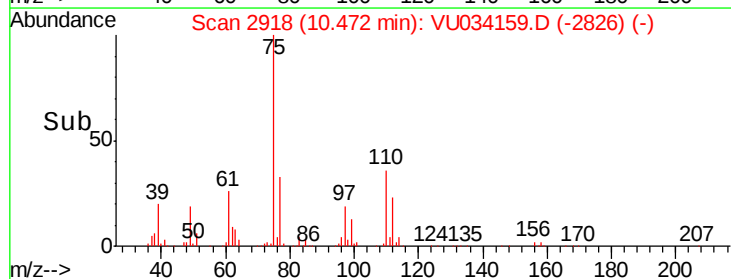
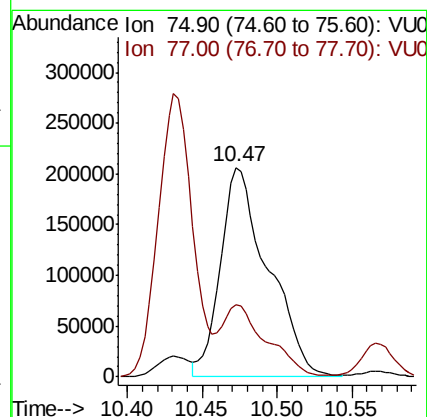
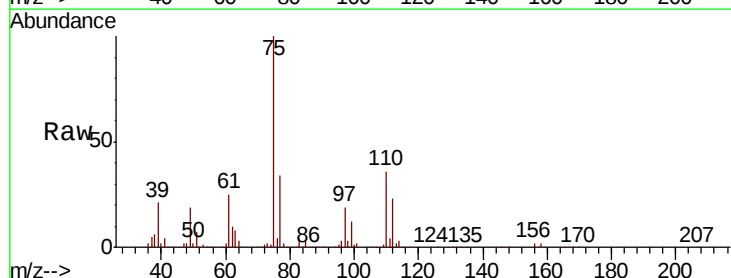
Acq: 01 Sep 2019 11:20

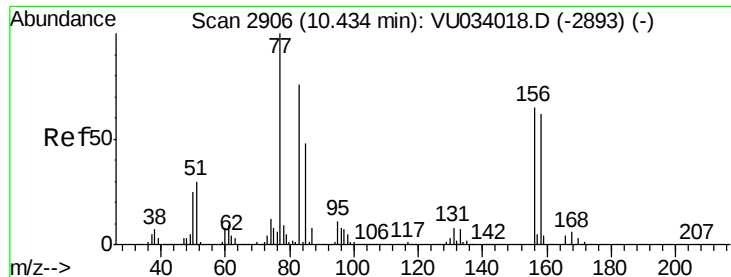
Tgt Ion: 75 Resp: 457943

Ion Ratio Lower Upper

75 100

77 31.2 20.1 60.2





#77

Bromobenzene

Concen: 47.288 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :

MSVOA\_U

ClientSampleId :

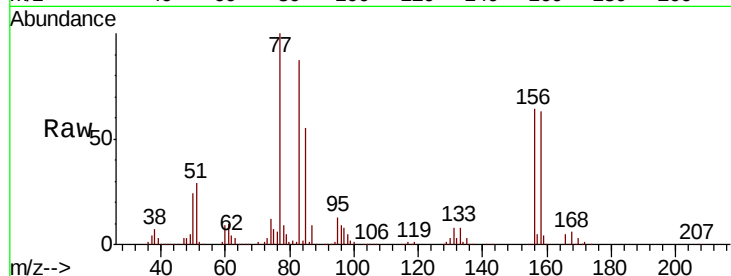
Tot Ion:156 Resp: 290703

Ion Ratio Lower Upper

156 100

77 153.3 76.8 230.5

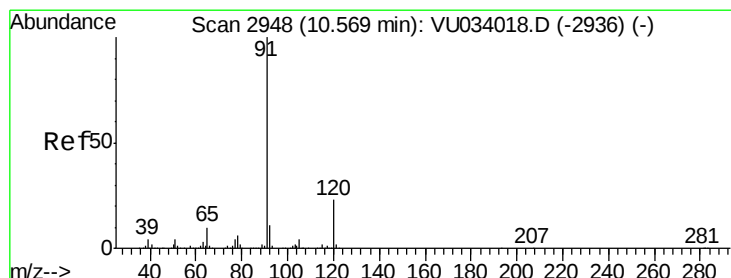
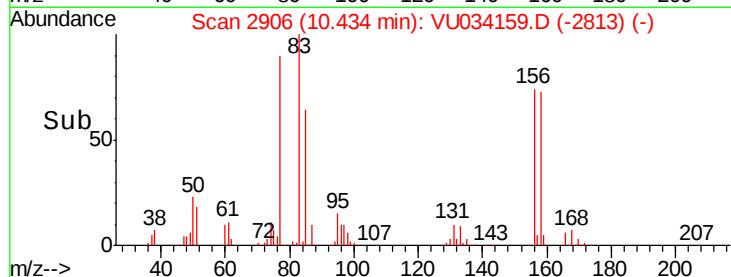
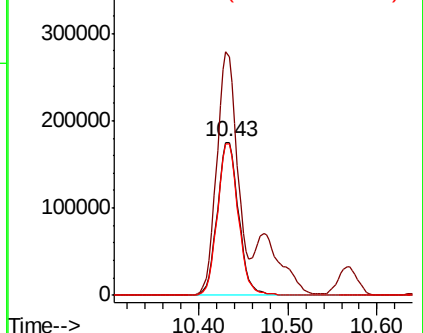
158 97.1 48.4 145.0



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: 49.044 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. -0.00 min

Lab File: VU034159.D

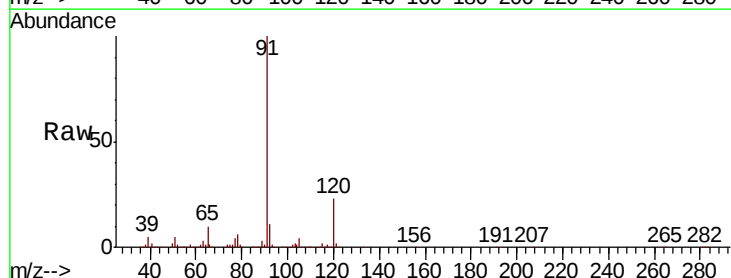
Acq: 01 Sep 2019 11:20

Tgt Ion: 91 Resp: 1305256

Ion Ratio Lower Upper

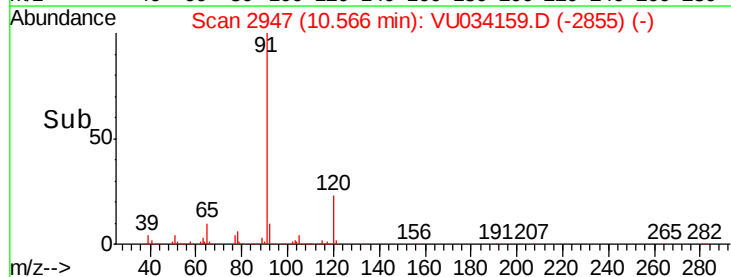
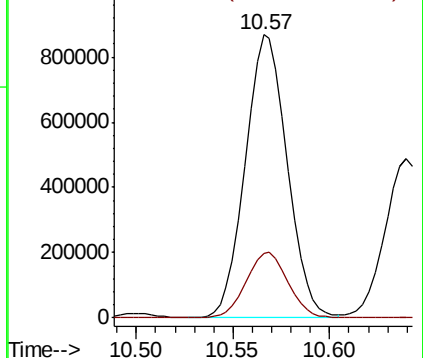
91 100

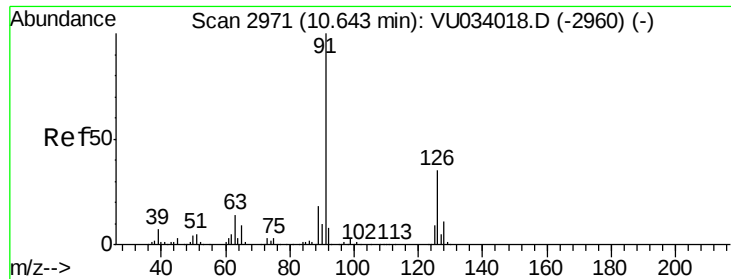
120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.694 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. -0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :

MSVOA\_U

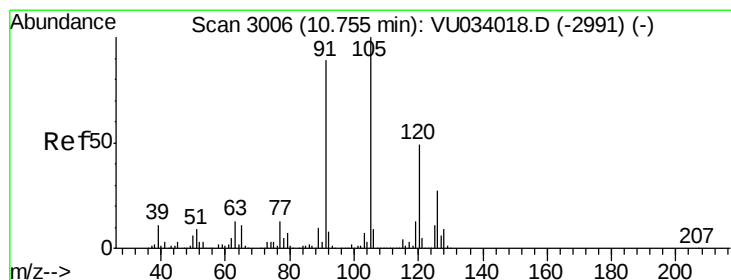
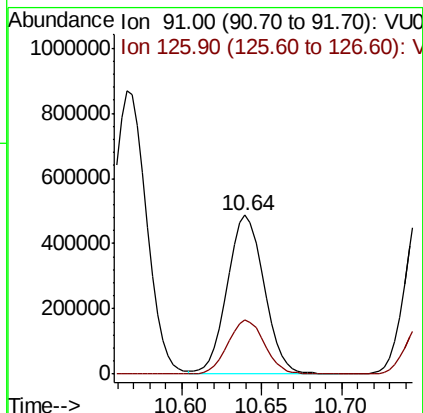
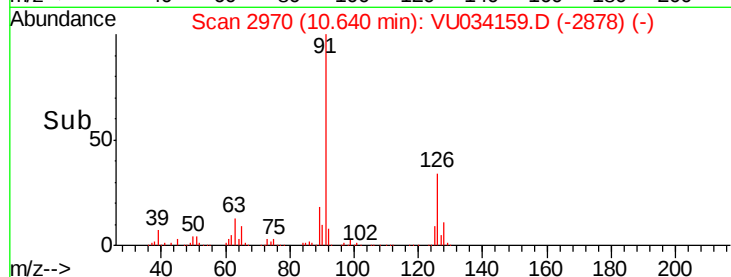
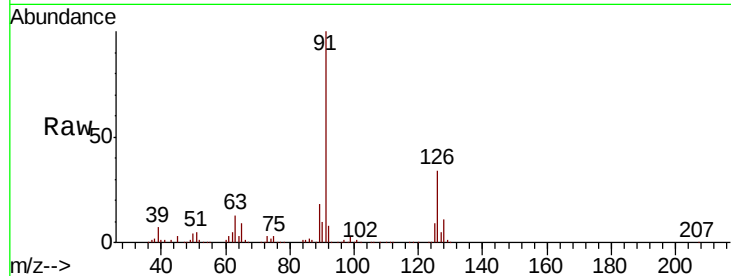
ClientSampled :

Tot Ion: 91 Resp: 761360

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 49.464 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034159.D

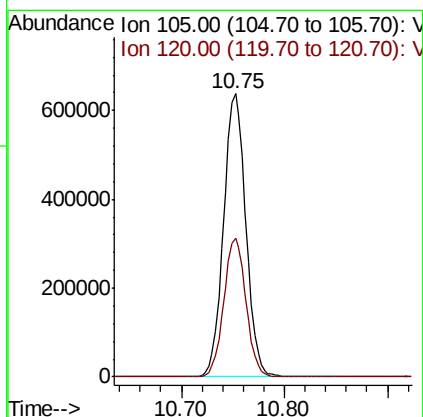
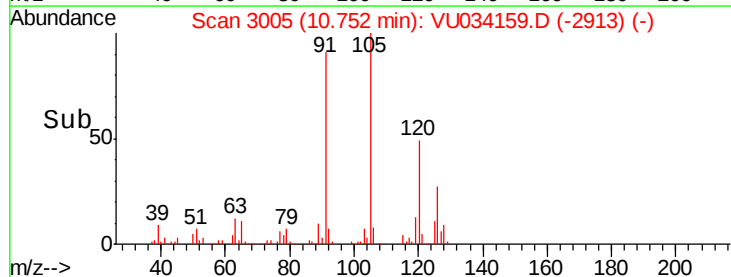
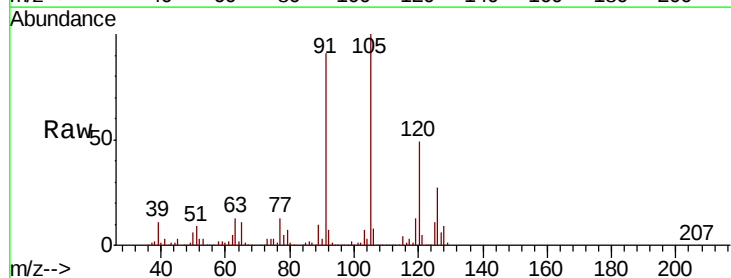
Acq: 01 Sep 2019 11:20

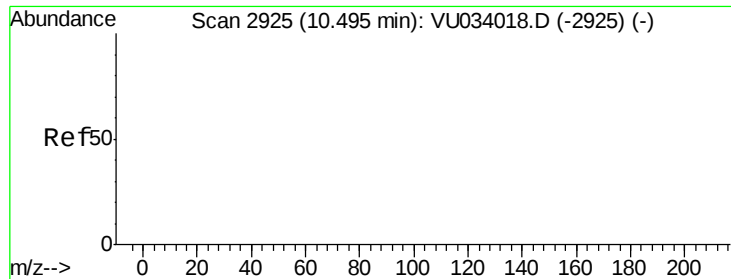
Tgt Ion: 105 Resp: 958071

Ion Ratio Lower Upper

105 100

120 48.9 24.6 73.6

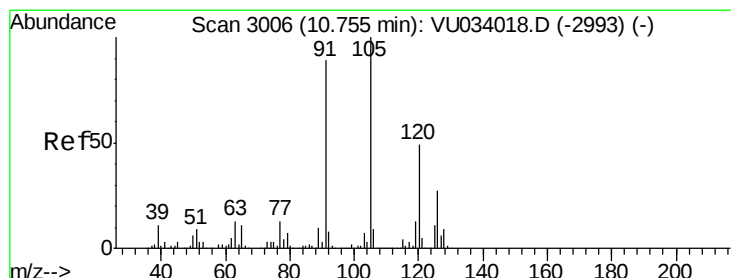
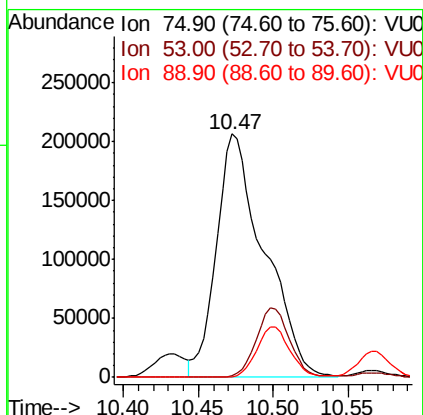
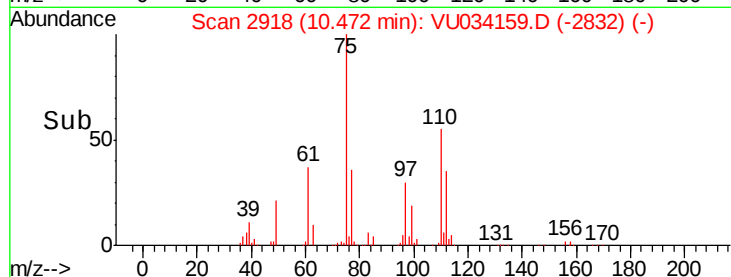
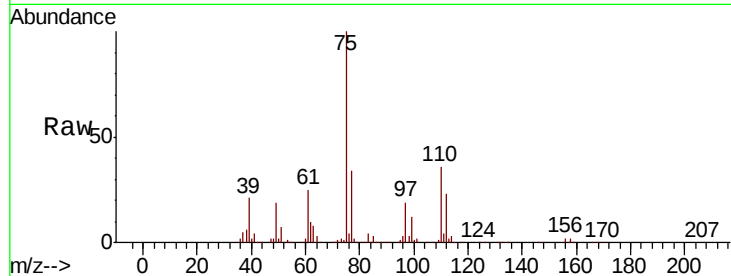




#81  
trans-1,4-Dichloro-2-butene  
Concen: 201.093 ug/l  
RT: 10.47 min Scan# 2918  
Delta R.T. -0.02 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

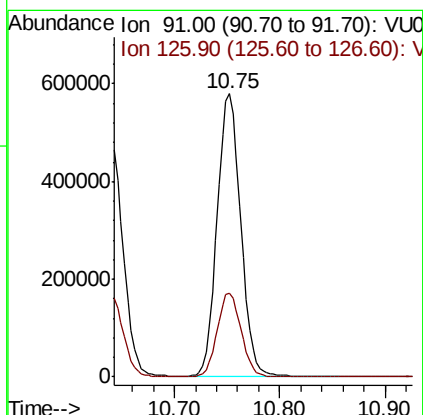
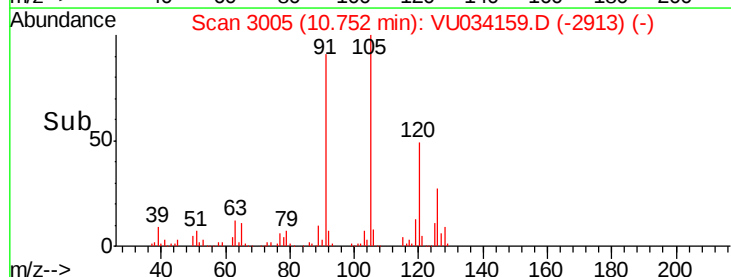
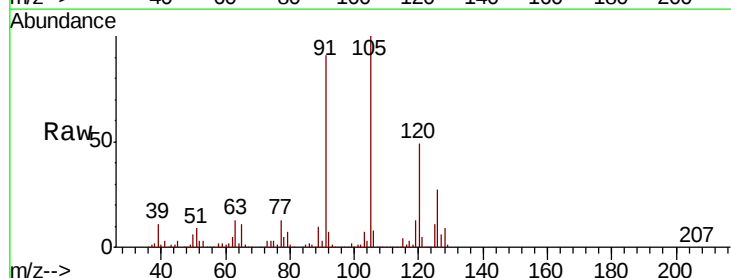
Instrument :  
MSVOA\_U  
ClientSampleId :

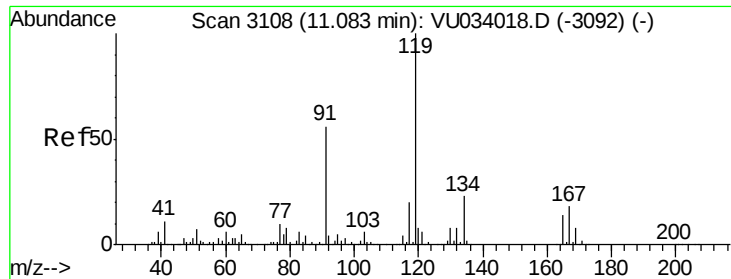
Tot Ion: 75 Resp: 457943  
Ion Ratio Lower Upper  
75 100  
53 0.0 0.0 0.0  
89 0.0 0.0 0.0



#82  
4-Chlorotoluene  
Concen: 48.915 ug/l  
RT: 10.75 min Scan# 3005  
Delta R.T. -0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Tgt Ion: 91 Resp: 898040  
Ion Ratio Lower Upper  
91 100  
126 30.0 15.0 45.1

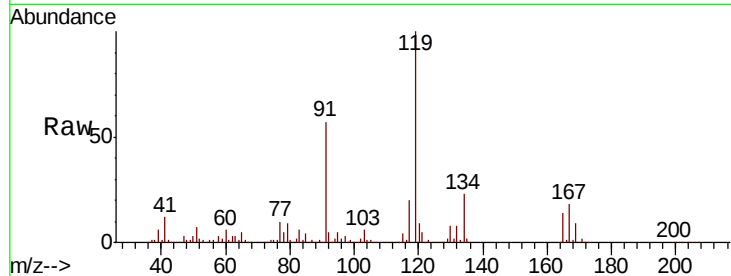




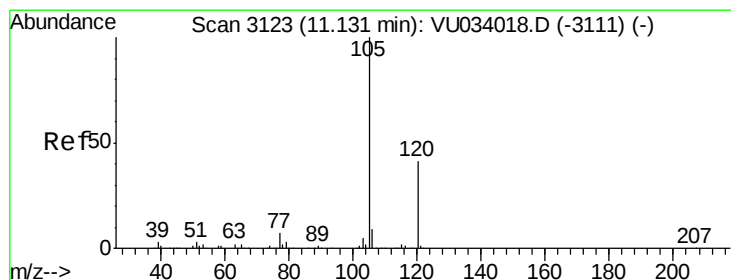
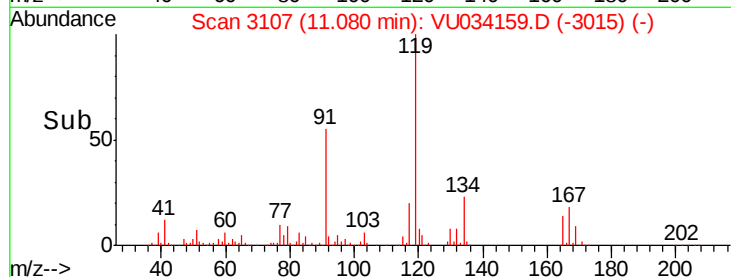
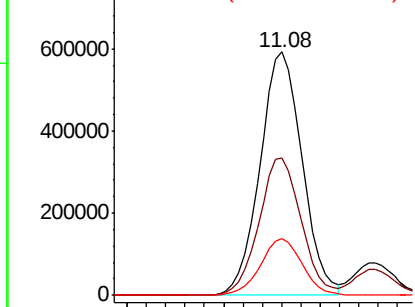
#83  
 tert-Butylbenzene  
 Concen: 47.046 ug/l  
 RT: 11.08 min Scan# 3107  
 Delta R.T. -0.00 min  
 Lab File: VU034159.D  
 Acq: 01 Sep 2019 11:20

Instrument :  
 MSVOA\_U  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 56.4  | 27.9  | 83.6  |
| 134     | 23.0  | 11.4  | 34.2  |

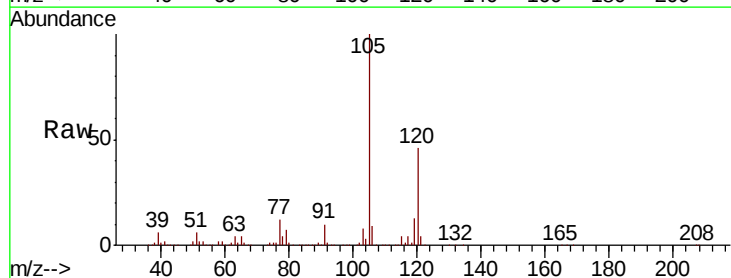


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

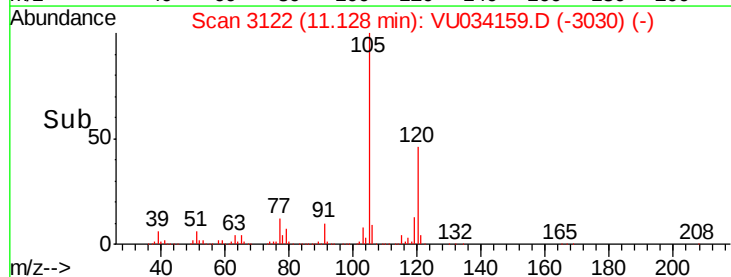
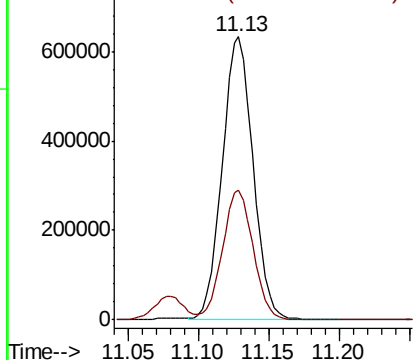


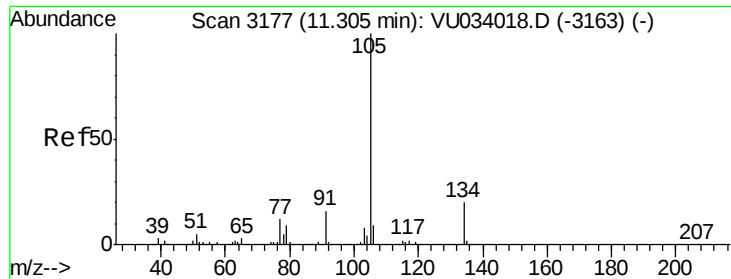
#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.929 ug/l  
 RT: 11.13 min Scan# 3122  
 Delta R.T. -0.00 min  
 Lab File: VU034159.D  
 Acq: 01 Sep 2019 11:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.7  | 22.6  | 67.8  |



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

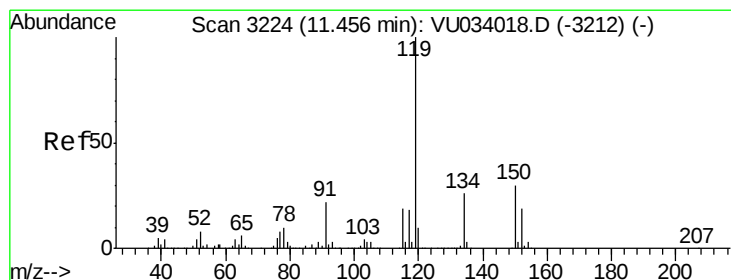
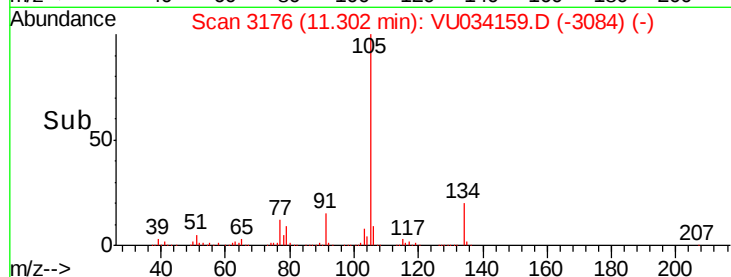
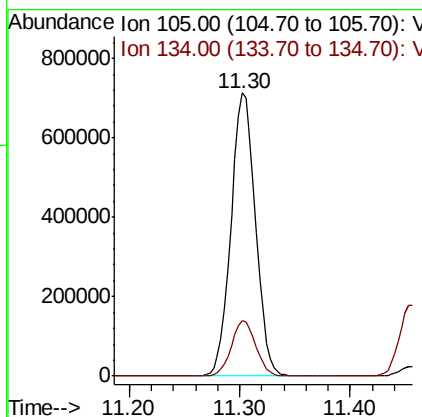
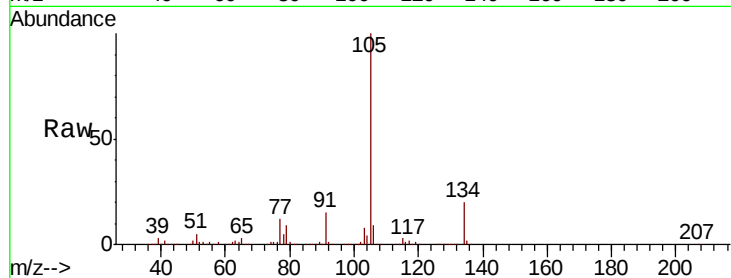




#85  
 sec-Butylbenzene  
 Concen: 47.905 ug/l  
 RT: 11.30 min Scan# 3176  
 Delta R.T. -0.00 min  
 Lab File: VU034159.D  
 Acq: 01 Sep 2019 11:20

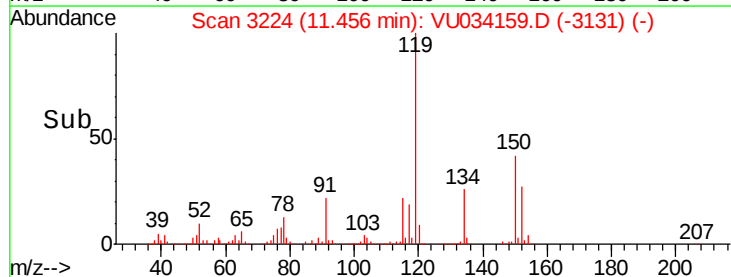
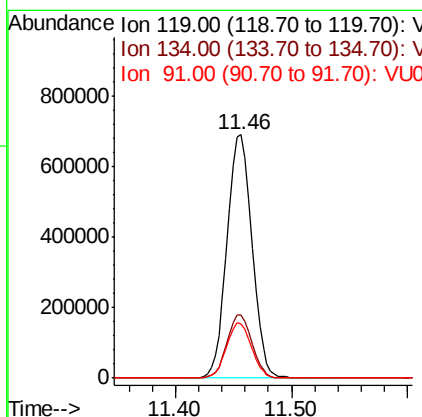
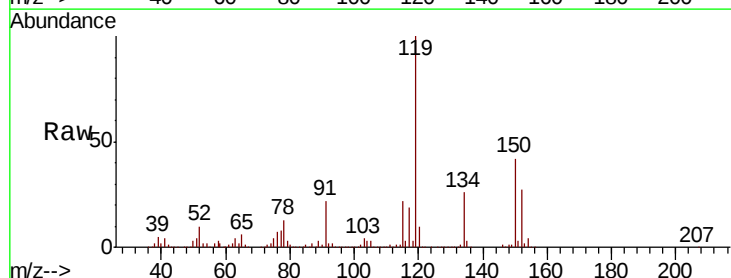
Instrument :  
 MSVOA\_U  
 ClientSampleId :

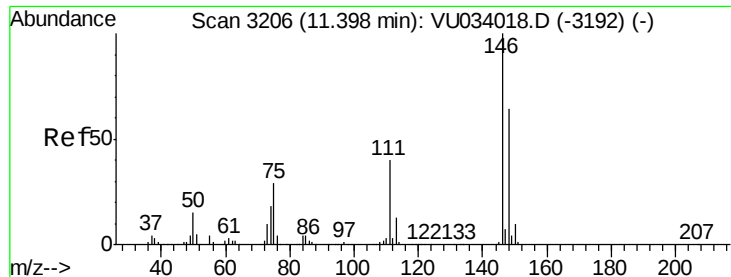
Tot Ion:105 Resp: 1094793  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 10.0 30.0



#86  
 p-Isopropyltoluene  
 Concen: 49.320 ug/l  
 RT: 11.46 min Scan# 3224  
 Delta R.T. 0.00 min  
 Lab File: VU034159.D  
 Acq: 01 Sep 2019 11:20

Tgt Ion:119 Resp: 1019393  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.1 39.1  
 91 22.7 11.2 33.6

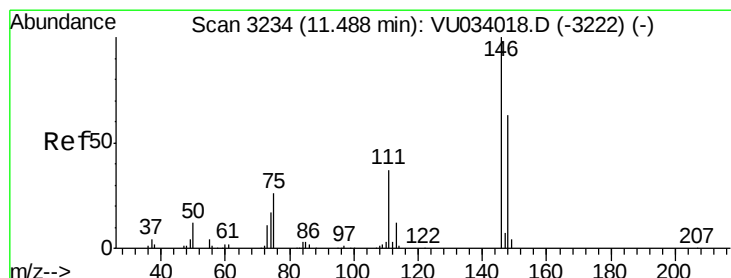
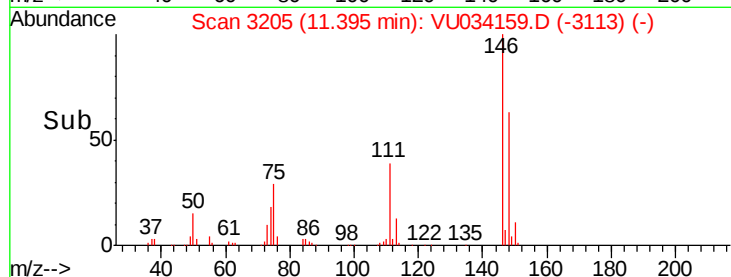
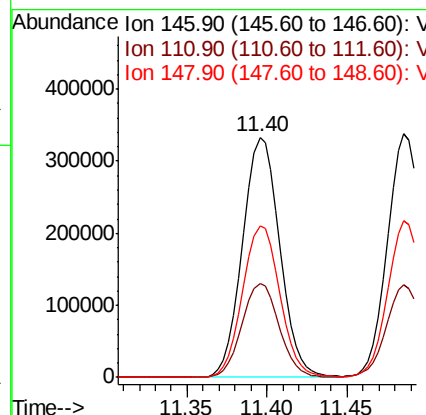
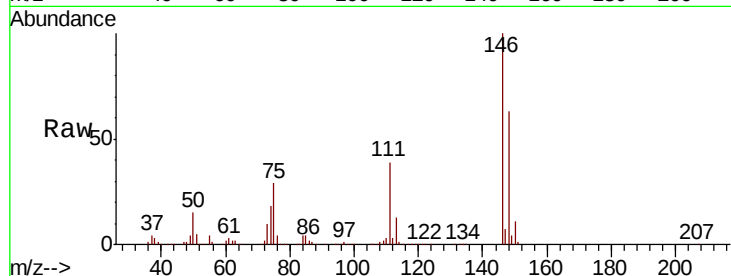




#87  
 1,3-Dichlorobenzene  
 Concen: 48.458 ug/l  
 RT: 11.40 min Scan# 3205  
 Delta R.T. -0.00 min  
 Lab File: VU034159.D  
 Acq: 01 Sep 2019 11:20

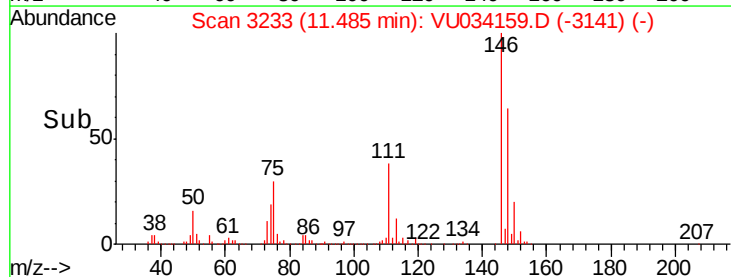
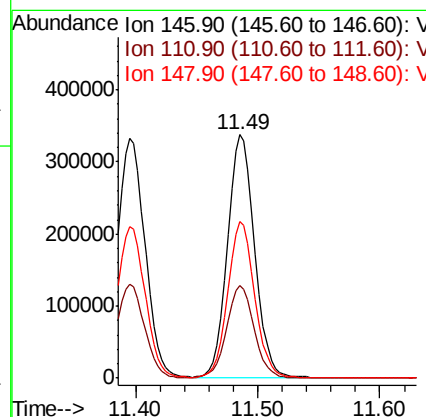
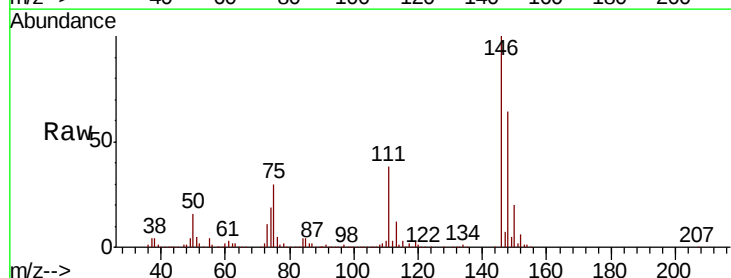
Instrument :  
 MSVOA\_U  
 ClientSampled :

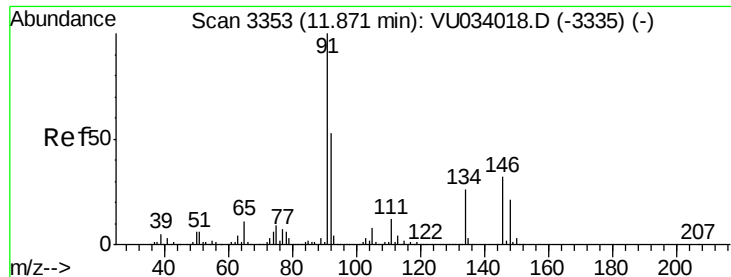
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.1  | 19.9  | 59.6  |
| 148     | 63.5  | 31.9  | 95.5  |



#88  
 1,4-Dichlorobenzene  
 Concen: 47.841 ug/l  
 RT: 11.49 min Scan# 3233  
 Delta R.T. -0.00 min  
 Lab File: VU034159.D  
 Acq: 01 Sep 2019 11:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.6  | 19.2  | 57.6  |
| 148     | 63.4  | 31.9  | 95.9  |

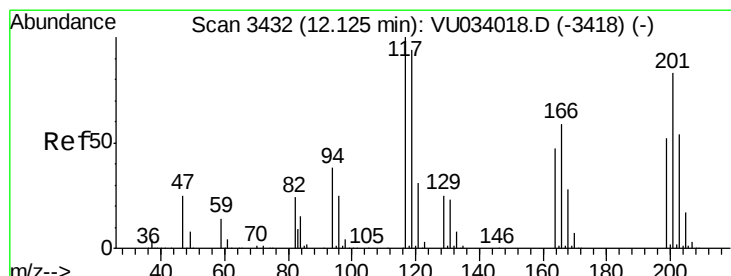
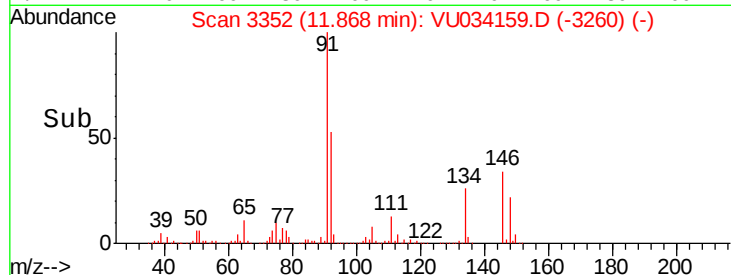
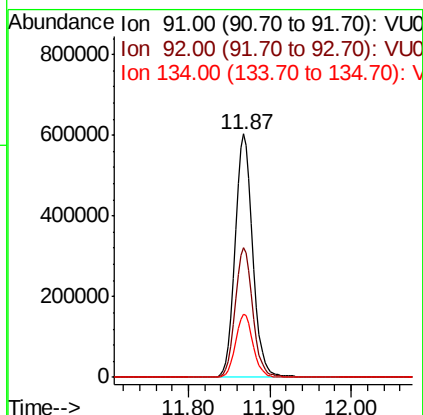
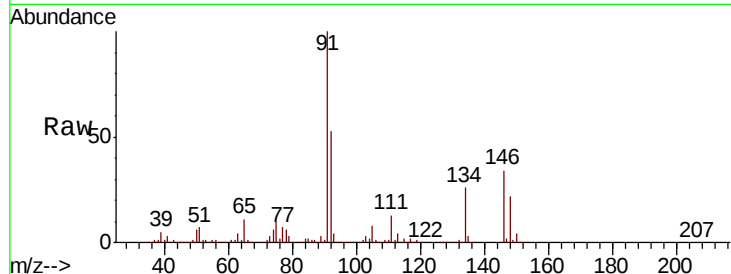




#89  
n-Butylbenzene  
Concen: 50.248 ug/l  
RT: 11.87 min Scan# 3352  
Delta R.T. -0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

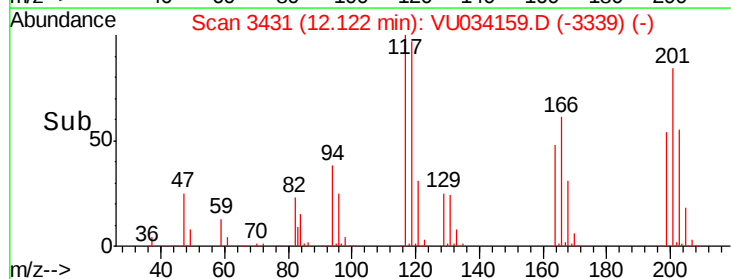
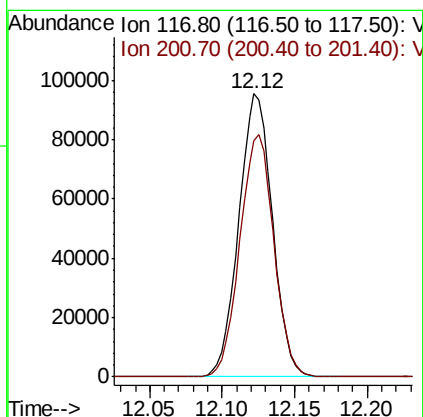
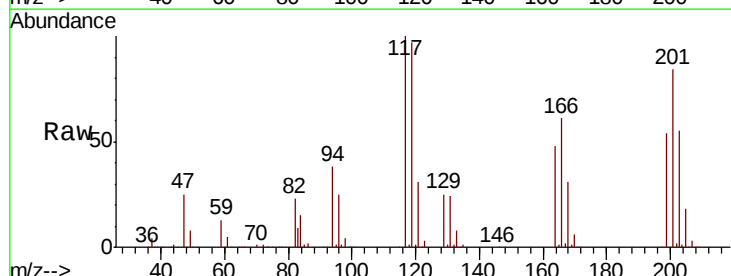
Instrument :  
MSVOA\_U  
ClientSampleId :

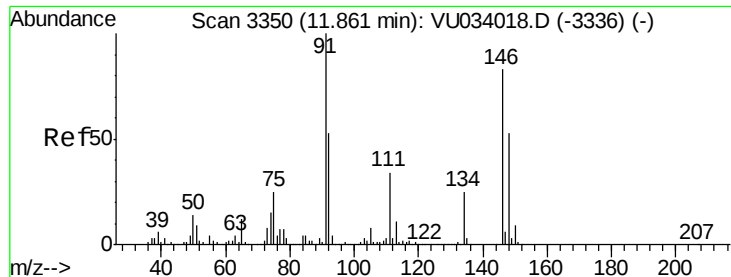
Tot Ion: 91 Resp: 915670  
Ion Ratio Lower Upper  
91 100  
92 53.3 26.3 78.9  
134 26.0 12.9 38.7



#90  
Hexachloroethane  
Concen: 43.044 ug/l  
RT: 12.12 min Scan# 3431  
Delta R.T. -0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Tgt Ion: 117 Resp: 153821  
Ion Ratio Lower Upper  
117 100  
201 86.5 42.5 127.6





#91

1,2-Dichlorobenzene

Concen: 48.857 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. -0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

Instrument :

MSVOA\_U

ClientSampleId :

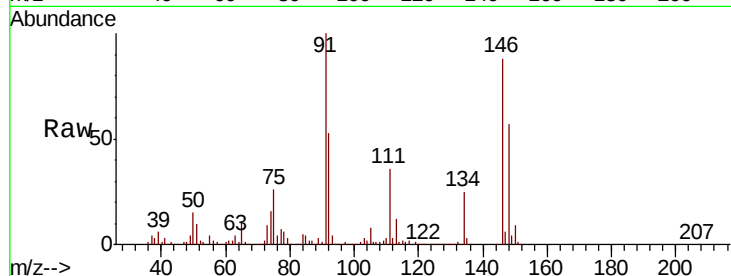
Tot Ion:146 Resp: 509351

Ion Ratio Lower Upper

146 100

111 41.1 20.4 61.2

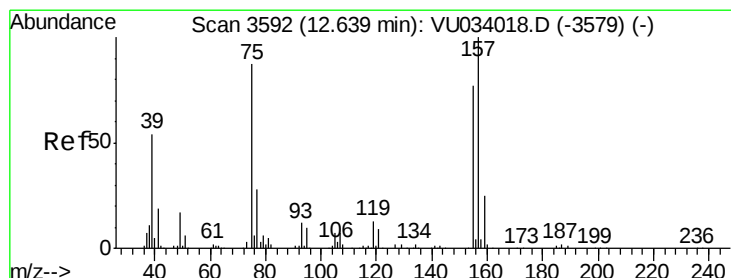
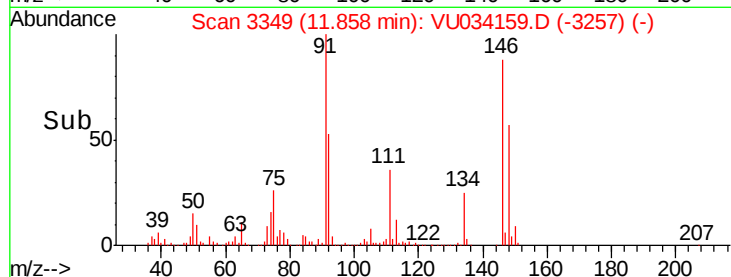
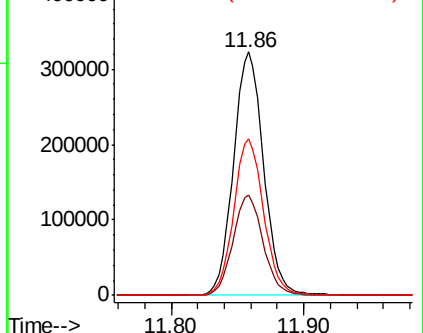
148 64.1 32.3 96.8



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: 48.340 ug/l

RT: 12.64 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VU034159.D

Acq: 01 Sep 2019 11:20

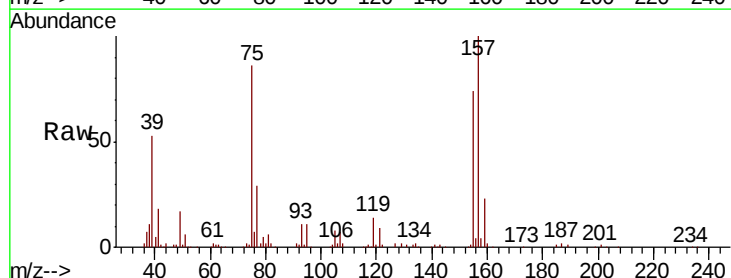
Tgt Ion: 75 Resp: 84236

Ion Ratio Lower Upper

75 100

155 88.2 43.5 130.7

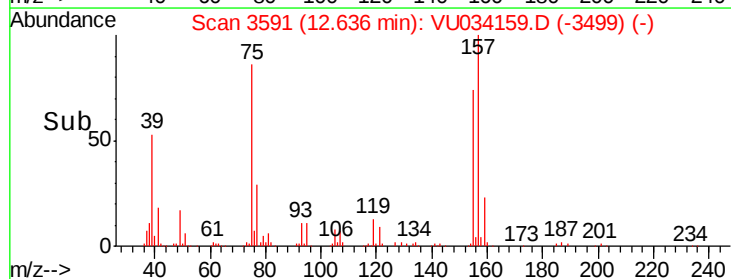
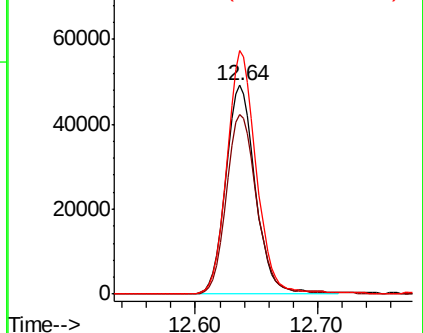
157 114.9 56.9 170.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

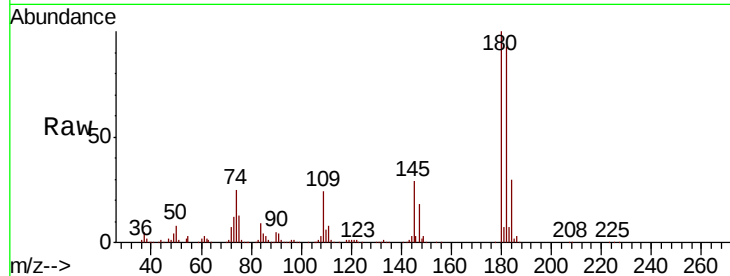




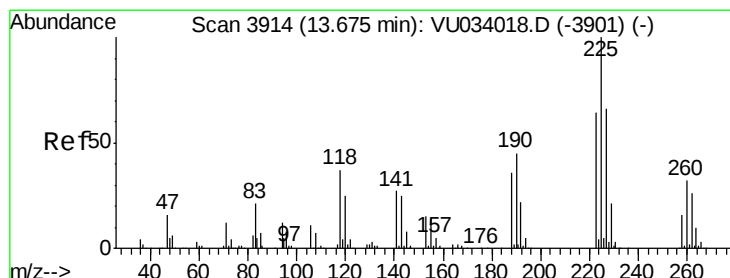
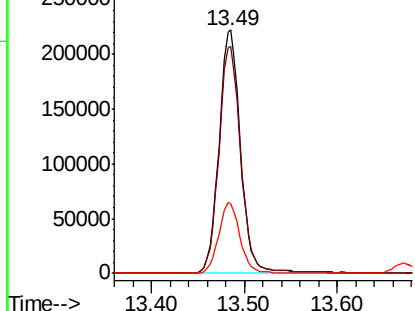
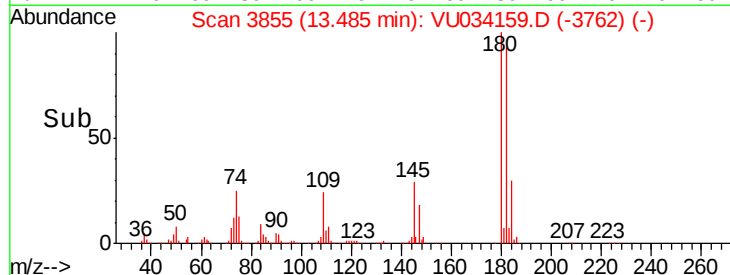
#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.311 ug/l  
 RT: 13.49 min Scan# 3855  
 Delta R.T. 0.00 min  
 Lab File: VU034159.D  
 Acq: 01 Sep 2019 11:20

Instrument :  
 MSVOA\_U  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.9  | 47.4  | 142.2 |
| 145     | 28.7  | 14.1  | 42.3  |

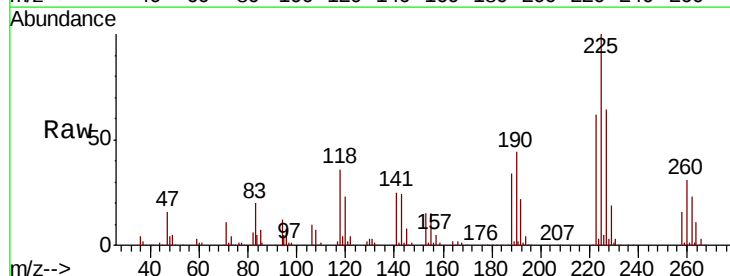


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

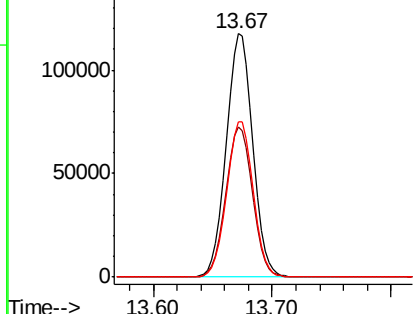
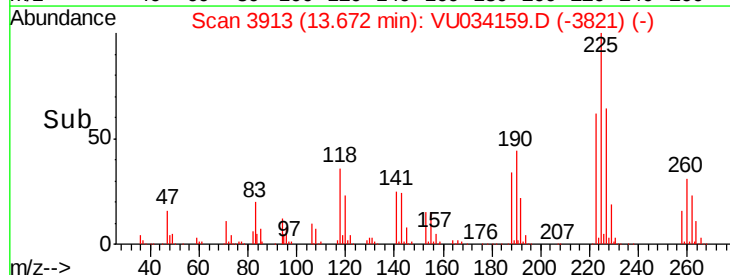


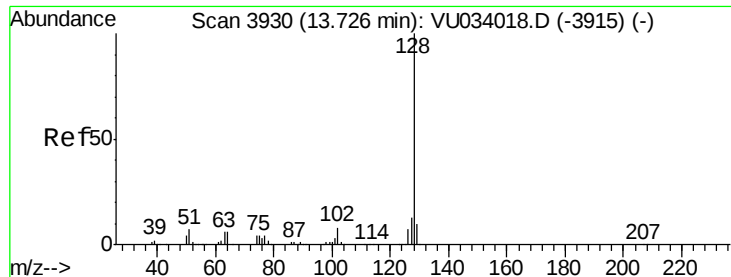
#94  
 Hexachlorobutadiene  
 Concen: 44.451 ug/l  
 RT: 13.67 min Scan# 3913  
 Delta R.T. -0.00 min  
 Lab File: VU034159.D  
 Acq: 01 Sep 2019 11:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.4  | 31.8  | 95.3  |
| 227     | 63.8  | 32.6  | 97.8  |



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

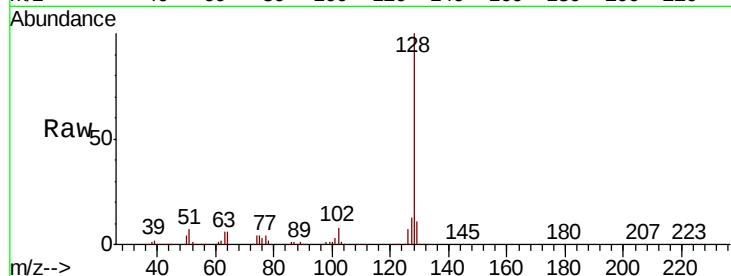




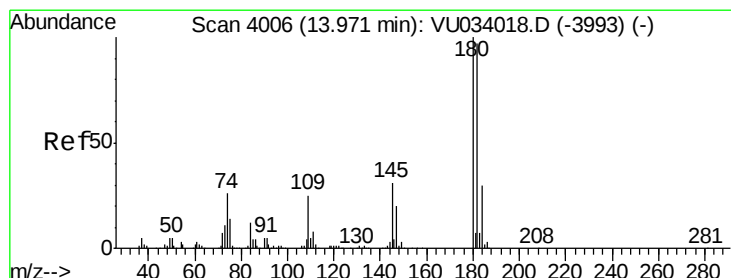
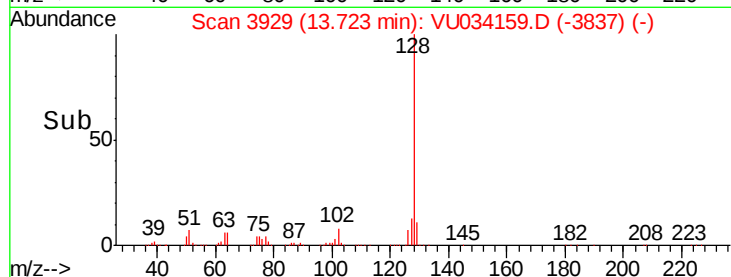
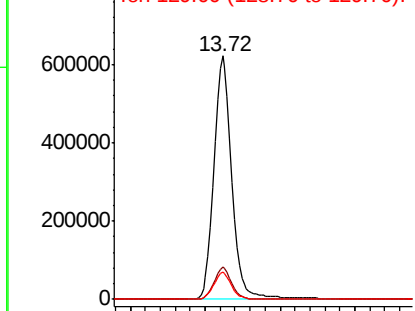
#95  
Naphthalene  
Concen: 49.089 ug/l  
RT: 13.72 min Scan# 3929  
Delta R.T. -0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion:128 Resp: 1041747  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.4  
129 10.7 8.4 12.6

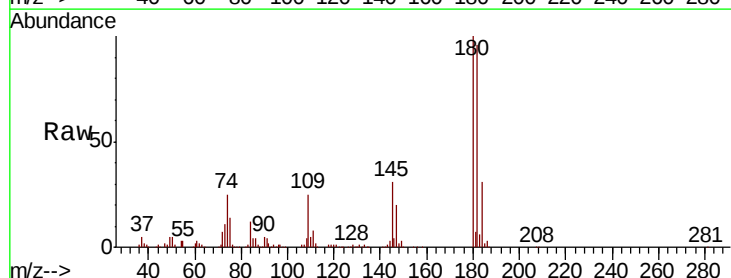


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 52.732 ug/l  
RT: 13.97 min Scan# 4005  
Delta R.T. -0.00 min  
Lab File: VU034159.D  
Acq: 01 Sep 2019 11:20

Tgt Ion:180 Resp: 352161  
Ion Ratio Lower Upper  
180 100  
182 97.0 48.2 144.6  
145 30.8 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

