

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\  
 Data File : VU034168.D  
 Acq On : 01 Sep 2019 14:56  
 Operator : JC/SP  
 Sample : VU0902WBSD02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 02 08:32:48 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  | 404268   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.86  | 114  | 655554   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.07  | 117  | 629295   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 336922   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 5.29   | 65  | 263640   | 50.90 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.80% |      |
| 35) Dibromofluoromethane    | 4.86   | 113 | 223001   | 49.05 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.10%  |      |
| 50) Toluene-d8              | 7.55   | 98  | 851175   | 50.00 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.00% |      |
| 62) 4-Bromofluorobenzene    | 10.29  | 95  | 313558   | 47.35 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 94.70%  |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 78738   | 19.366  | ug/l | 98     |
| 3) Chloromethane              | 1.32 | 50  | 101587  | 17.343  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 102282  | 18.901  | ug/l | 97     |
| 5) Bromomethane               | 1.62 | 94  | 57674   | 18.480  | ug/l | 97     |
| 6) Chloroethane               | 1.69 | 64  | 62489   | 18.889  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.88 | 101 | 123459  | 19.690  | ug/l | 99     |
| 8) Diethyl Ether              | 2.09 | 74  | 53906   | 20.097  | ug/l | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.28 | 101 | 78828   | 19.845  | ug/l | 98     |
| 10) Methyl Iodide             | 2.40 | 142 | 56708   | 10.064  | ug/l | 98     |
| 11) Tert butyl alcohol        | 2.81 | 59  | 103857  | 86.943  | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.27 | 96  | 80202   | 19.817  | ug/l | 98     |
| 13) Acrolein                  | 2.18 | 56  | 29747   | 59.196  | ug/l | 99     |
| 14) Allyl chloride            | 2.58 | 41  | 132249  | 17.380  | ug/l | 92     |
| 15) Acrylonitrile             | 2.92 | 53  | 275235  | 100.410 | ug/l | 99     |
| 16) Acetone                   | 2.31 | 43  | 234088  | 88.566  | ug/l | 99     |
| 17) Carbon Disulfide          | 2.47 | 76  | 222626  | 17.381  | ug/l | 100    |
| 18) Methyl Acetate            | 2.60 | 43  | 132535  | 19.404  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 2.98 | 73  | 275002  | 20.739  | ug/l | 99     |
| 20) Methylene Chloride        | 2.69 | 84  | 98310   | 19.648  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 2.97 | 96  | 86956   | 19.797  | ug/l | 98     |
| 22) Diisopropyl ether         | 3.55 | 45  | 290494  | 20.834  | ug/l | 94     |
| 23) Vinyl Acetate             | 3.50 | 43  | 1203850 | 100.507 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.43 | 63  | 166691  | 20.249  | ug/l | 99     |
| 25) 2-Butanone                | 4.24 | 43  | 356798  | 97.029  | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.20 | 77  | 125002  | 18.661  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.20 | 96  | 99208   | 20.123  | ug/l | 96     |
| 28) Bromochloromethane        | 4.53 | 49  | 81383   | 20.066  | ug/l | 98     |
| 29) Tetrahydrofuran           | 4.61 | 42  | 236087  | 104.106 | ug/l | 97     |
| 30) Chloroform                | 4.65 | 83  | 163224  | 19.873  | ug/l | 96     |
| 31) Cyclohexane               | 4.97 | 56  | 146188  | 18.899  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 4.89 | 97  | 134771  | 20.035  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 5.12 | 75  | 117357  | 18.926  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.36 | 43  | 131248  | 18.902  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.11 | 117 | 114289  | 19.095  | ug/l | 97     |

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 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 02 08:32:48 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) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 6.40  | 83   | 133111   | 18.214  | ug/l   | 99       |
| 40) Benzene                    | 5.37  | 78   | 368085   | 19.620  | ug/l   | 99       |
| 41) Methacrylonitrile          | 4.52  | 41   | 69354    | 19.475  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 5.38  | 62   | 125577   | 19.384  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 5.53  | 43   | 197235   | 18.671  | ug/l   | 100      |
| 44) Trichloroethene            | 6.17  | 130  | 98858    | 20.067  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 6.41  | 63   | 103159   | 19.975  | ug/l   | 99       |
| 46) Dibromomethane             | 6.54  | 93   | 64911    | 19.509  | ug/l   | 99       |
| 47) Bromodichloromethane       | 6.74  | 83   | 128526   | 19.744  | ug/l   | 98       |
| 48) Methyl methacrylate        | 6.60  | 41   | 95240    | 18.683  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 6.59  | 88   | 40756    | 319.098 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 7.44  | 43   | 682830   | 93.597  | ug/l   | 100      |
| 52) Toluene                    | 7.62  | 92   | 229866   | 19.890  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 7.86  | 75   | 131301   | 18.178  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 7.25  | 75   | 149453   | 18.939  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 8.05  | 97   | 94857    | 19.404  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 8.00  | 69   | 134436   | 17.229  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 8.22  | 76   | 161456   | 19.452  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 7.11  | 63   | 215311   | 79.614  | ug/l   | 98       |
| 59) 2-Hexanone                 | 8.34  | 43   | 508956   | 92.414  | ug/l   | 100      |
| 60) Dibromochloromethane       | 8.46  | 129  | 98731    | 18.815  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 8.57  | 107  | 94922    | 18.433  | ug/l   | 99       |
| 64) Tetrachloroethene          | 8.21  | 164  | 87926    | 20.805  | ug/l   | 98       |
| 65) Chlorobenzene              | 9.10  | 112  | 250509   | 19.344  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.19  | 131  | 88066    | 18.754  | ug/l   | 97       |
| 67) Ethyl Benzene              | 9.23  | 91   | 421897   | 19.219  | ug/l   | 99       |
| 68) m/p-Xylenes                | 9.36  | 106  | 326861   | 39.158  | ug/l   | 100      |
| 69) o-Xylene                   | 9.76  | 106  | 153283   | 19.141  | ug/l   | 99       |
| 70) Styrene                    | 9.77  | 104  | 268867   | 19.581  | ug/l   | 99       |
| 71) Bromoform                  | 9.94  | 173  | 73147    | 17.928  | ug/l # | 99       |
| 73) Isopropylbenzene           | 10.15 | 105  | 420336   | 18.574  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.00 | 43   | 169609   | 17.819  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 10.44 | 83   | 158215   | 18.266  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 10.47 | 75   | 170180   | 22.411  | ug/l   | 87       |
| 77) Bromobenzene               | 10.43 | 156  | 112728   | 18.517  | ug/l   | 99       |
| 78) n-propylbenzene            | 10.57 | 91   | 489251   | 18.563  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 10.64 | 91   | 296796   | 18.775  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 10.75 | 105  | 363151   | 18.933  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 10.47 | 75   | 170814   | 75.744  | ug/l # | 100      |
| 82) 4-Chlorotoluene            | 10.75 | 91   | 341501   | 18.784  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.08 | 119  | 333589   | 17.667  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.13 | 105  | 360740   | 18.940  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.30 | 105  | 409778   | 18.107  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 11.46 | 119  | 379545   | 18.543  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 11.40 | 146  | 202142   | 18.756  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 11.49 | 146  | 206171   | 18.915  | ug/l   | 99       |
| 89) n-Butylbenzene             | 11.87 | 91   | 328511   | 18.204  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.12 | 117  | 54127    | 15.295  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 11.86 | 146  | 195674   | 18.953  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.64 | 75   | 29030    | 16.823  | ug/l   | 98       |

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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Sep 02 08:32:48 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

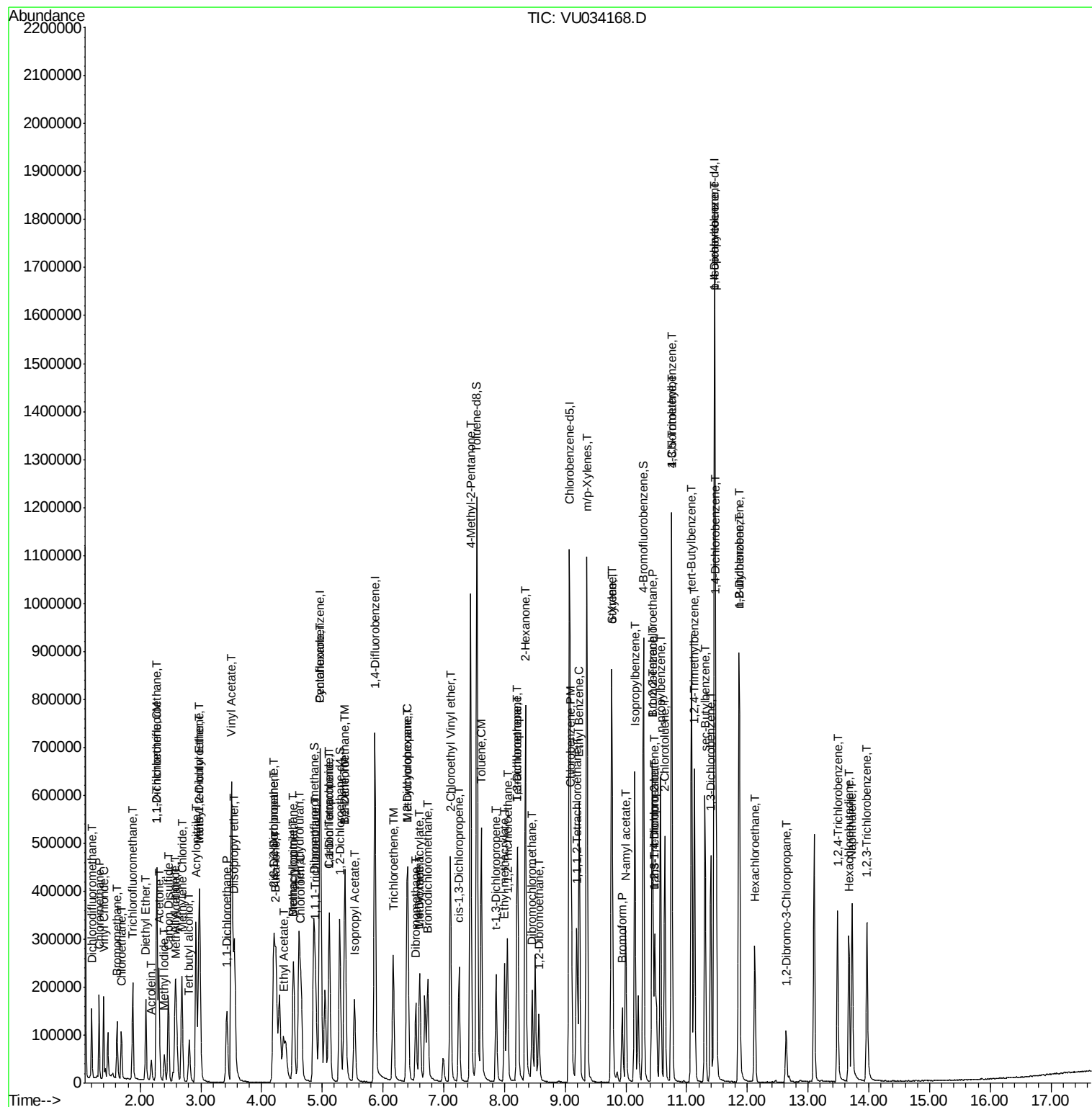
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.49 | 180  | 122701   | 17.451 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.67 | 225  | 59714    | 14.785 | ug/l  | 99       |
| 95) Naphthalene            | 13.72 | 128  | 333409   | 17.076 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 13.97 | 180  | 125032   | 18.906 | ug/l  | 98       |

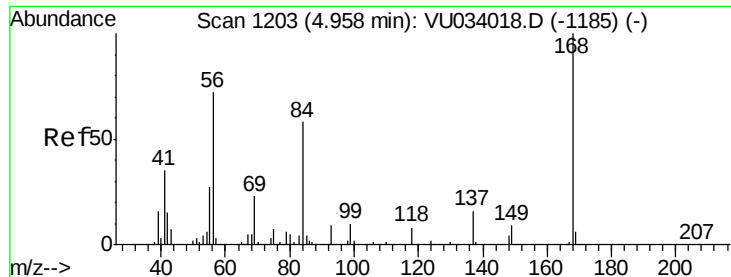
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU034168.D  
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Quant Time: Sep 02 08:32:48 2019  
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Quant Title : SW846 8260  
QLast Update : Thu Aug 29 04:11:12 2019  
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: VU034168.D

Acq: 01 Sep 2019 14:56

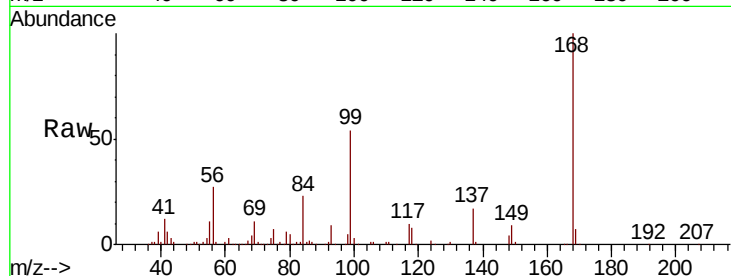
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion:168 Resp: 404268

Ion Ratio Lower Upper

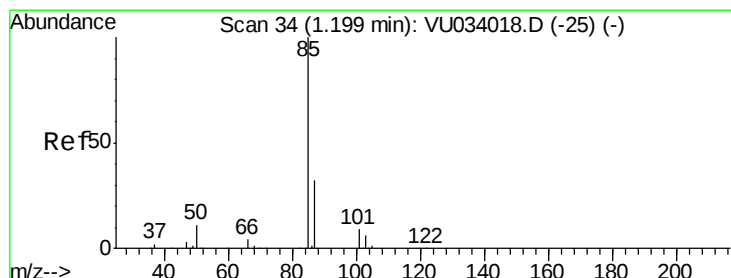
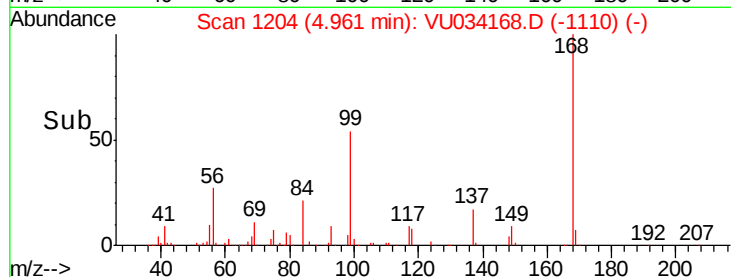
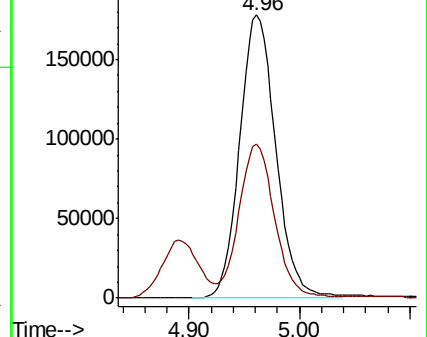
168 100

99 53.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034168.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034168.D (-1185) (-)



#2

Dichlorodifluoromethane

Concen: 19.366 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034168.D

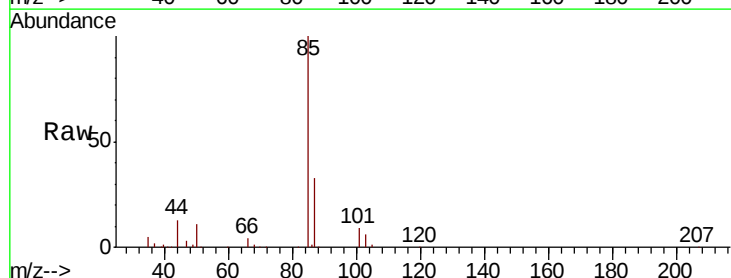
Acq: 01 Sep 2019 14:56

Tgt Ion: 85 Resp: 78738

Ion Ratio Lower Upper

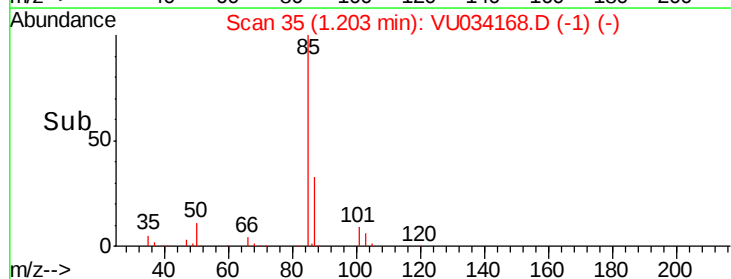
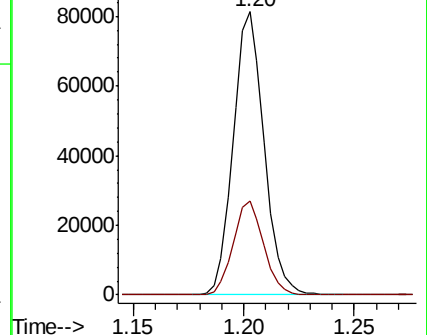
85 100

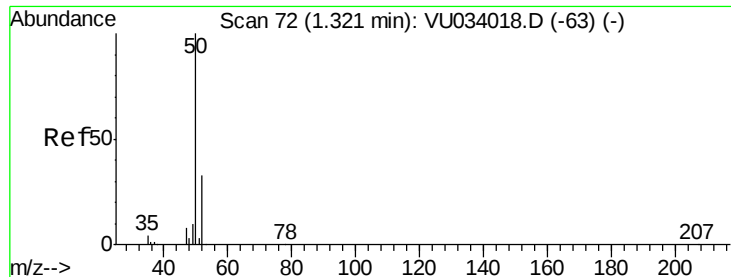
87 33.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VU034168.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VU034168.D (-1) (-)





#3

Chloromethane

Concen: 17.343 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :

MSVOA\_U

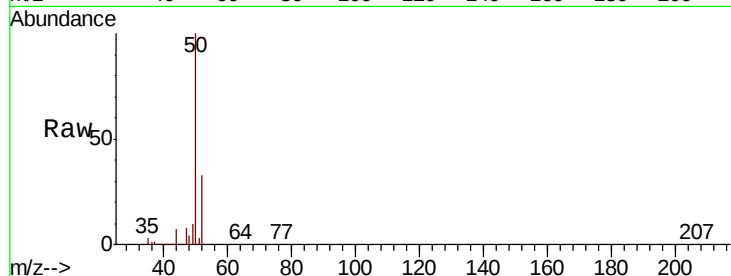
ClientSampleId :

Tot Ion: 50 Resp: 101587

Ion Ratio Lower Upper

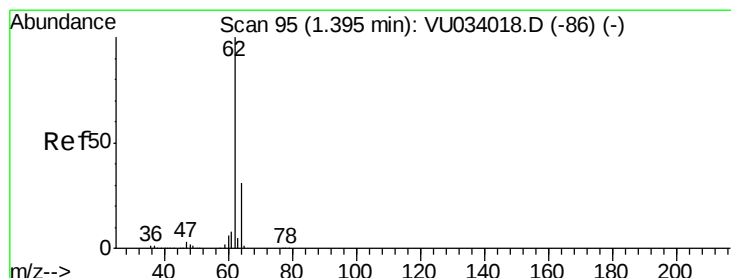
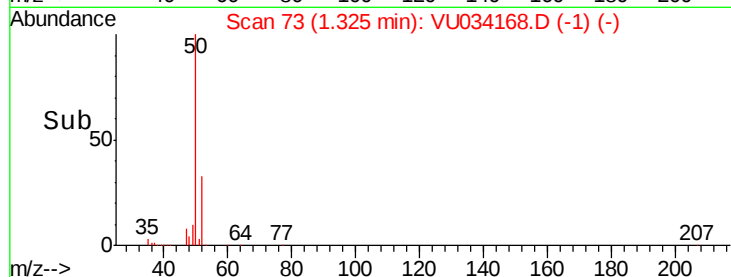
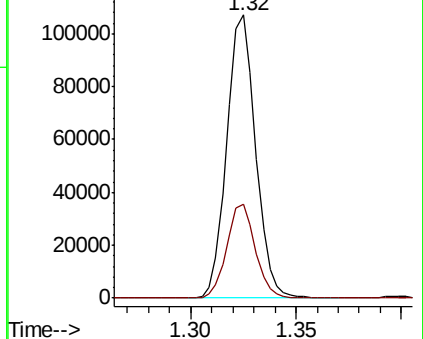
50 100

52 33.2 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VU034168.D (-63) (-)

Ion 51.90 (51.60 to 52.60): VU034168.D (-63) (-)



#4

Vinyl Chloride

Concen: 18.901 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034168.D

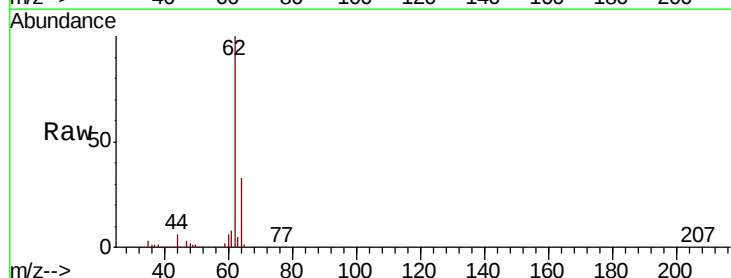
Acq: 01 Sep 2019 14:56

Tgt Ion: 62 Resp: 102282

Ion Ratio Lower Upper

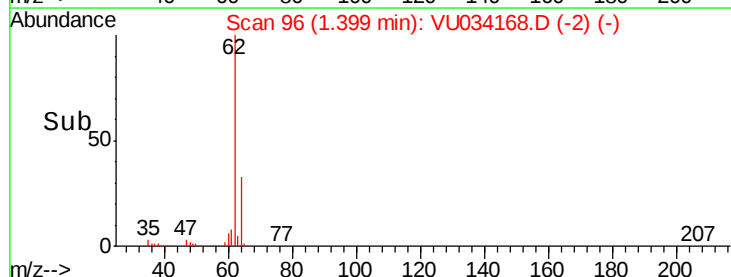
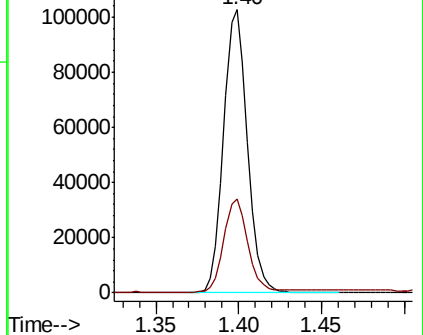
62 100

64 32.8 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VU034168.D (-86) (-)

Ion 63.90 (63.60 to 64.60): VU034168.D (-86) (-)





#5

Bromomethane

Concen: 18.480 ug/l

RT: 1.62 min Scan# 164

Delta R.T. 0.02 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :

MSVOA\_U

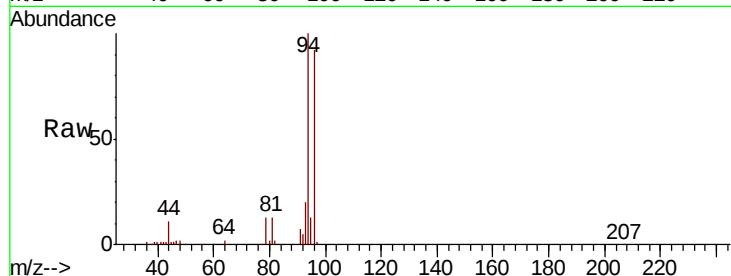
ClientSampleId :

Tot Ion: 94 Resp: 57674

Ion Ratio Lower Upper

94 100

96 92.1 76.3 114.5

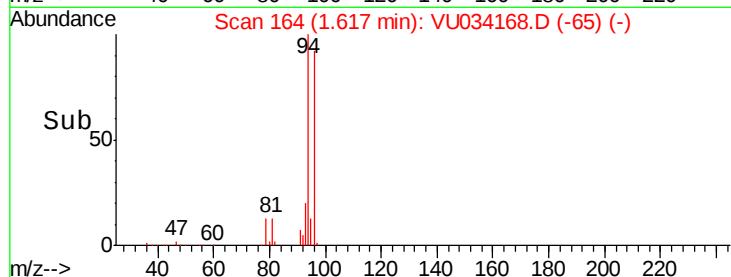


Abundance Ion 93.90 (93.60 to 94.60): VU034168.D (-164) (-)

Ion 95.90 (95.60 to 96.60): VU034168.D (-164) (-)

1.62

Time-->



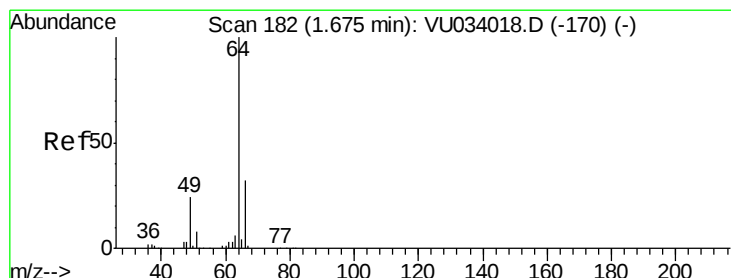
Abundance

Ion 93.90 (93.60 to 94.60): VU034168.D (-164) (-)

Ion 95.90 (95.60 to 96.60): VU034168.D (-164) (-)

1.62

Time-->



#6

Chloroethane

Concen: 18.889 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.02 min

Lab File: VU034168.D

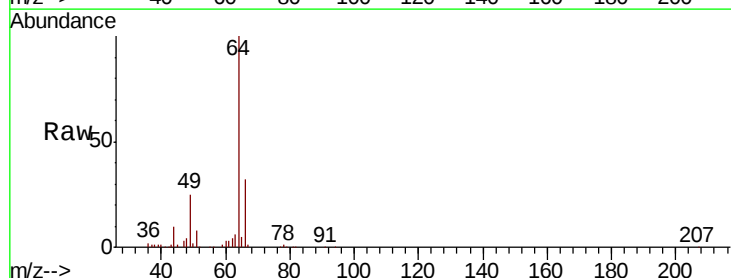
Acq: 01 Sep 2019 14:56

Tgt Ion: 64 Resp: 62489

Ion Ratio Lower Upper

64 100

66 32.7 25.5 38.3

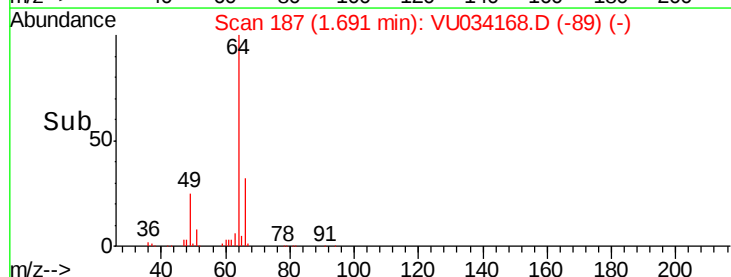


Abundance Ion 63.90 (63.60 to 64.60): VU034168.D (-187) (-)

Ion 65.90 (65.60 to 66.60): VU034168.D (-187) (-)

1.69

Time-->



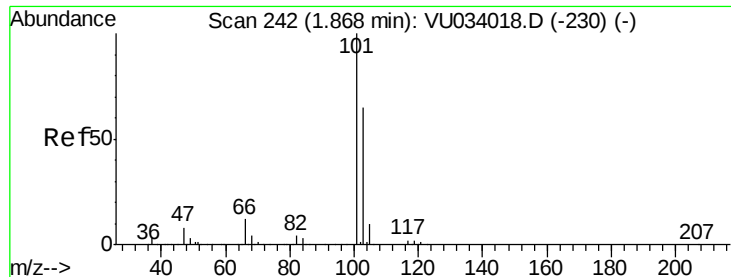
Abundance

Ion 63.90 (63.60 to 64.60): VU034168.D (-187) (-)

Ion 65.90 (65.60 to 66.60): VU034168.D (-187) (-)

1.69

Time-->

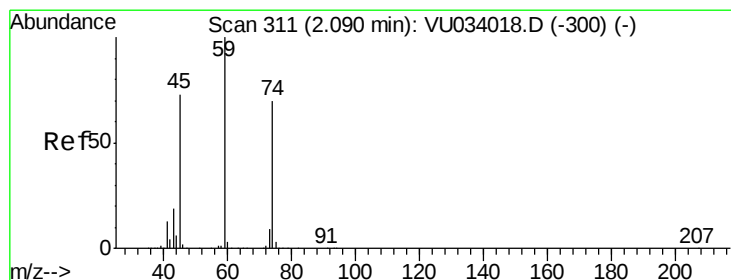
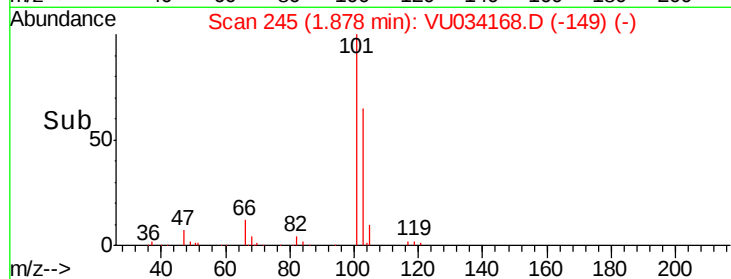
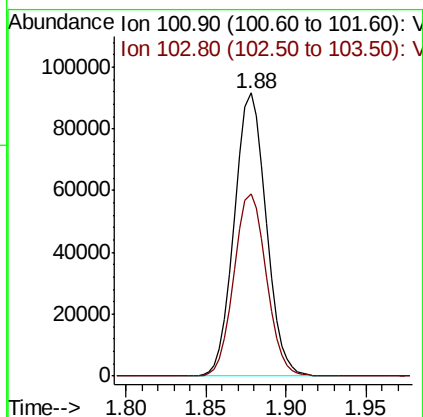
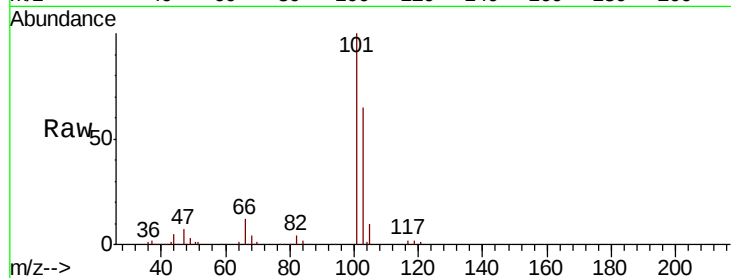


#7

Trichlorofluoromethane  
Concen: 19.690 ug/l  
RT: 1.88 min Scan# 245  
Delta R.T. 0.01 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Instrument :  
MSVOA\_U  
ClientSampleId :

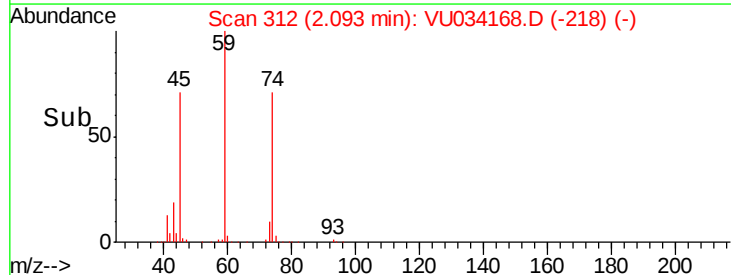
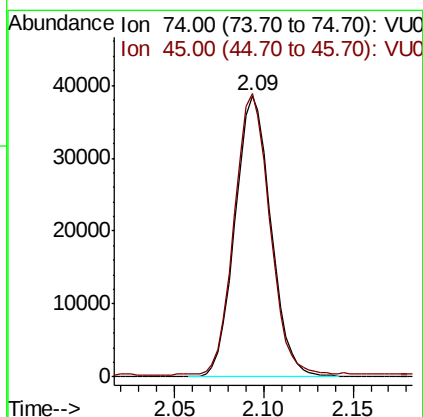
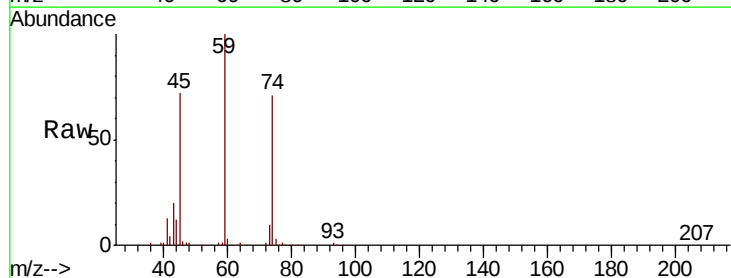
Tot Ion:101 Resp: 123459  
Ion Ratio Lower Upper  
101 100  
103 64.5 52.1 78.1

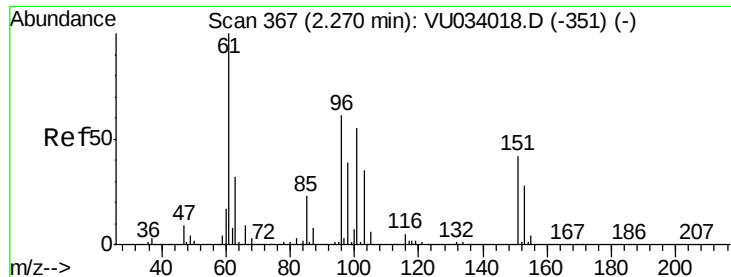


#8

Diethyl Ether  
Concen: 20.097 ug/l  
RT: 2.09 min Scan# 312  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Tgt Ion: 74 Resp: 53906  
Ion Ratio Lower Upper  
74 100  
45 99.4 51.8 155.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.845 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.01 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :

MSVOA\_U

ClientSampled :

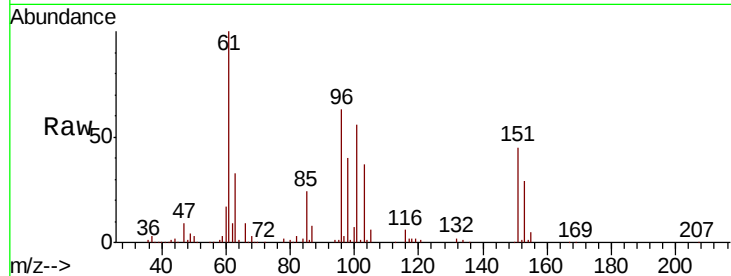
Tot Ion:101 Resp: 78828

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.2

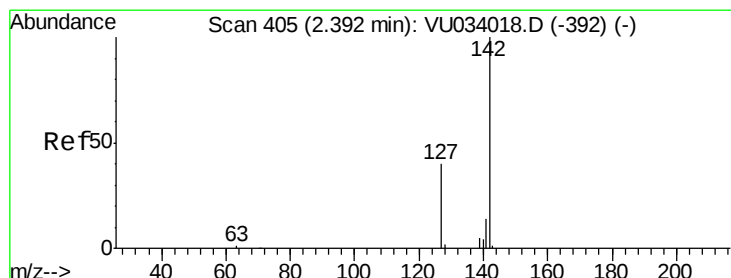
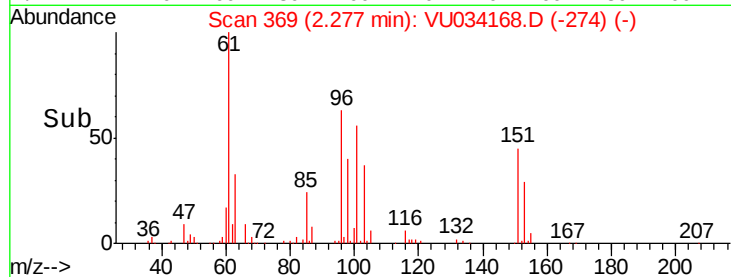
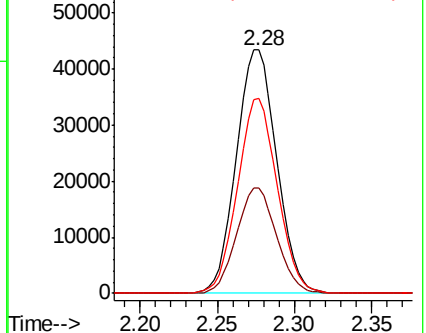
151 78.9 61.4 92.2



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: 10.064 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

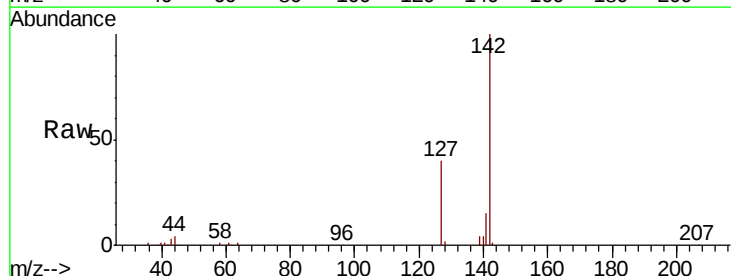
Tgt Ion:142 Resp: 56708

Ion Ratio Lower Upper

142 100

127 39.7 32.6 48.8

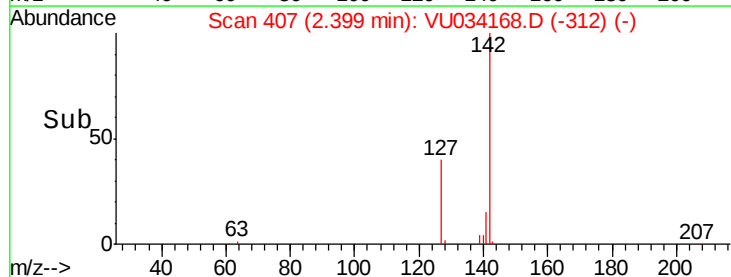
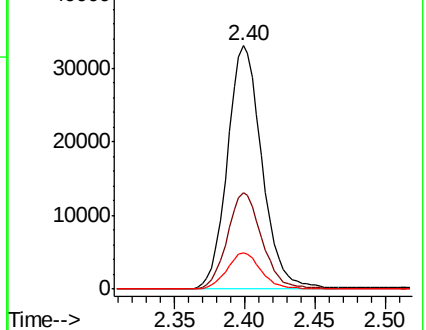
141 14.7 11.3 16.9

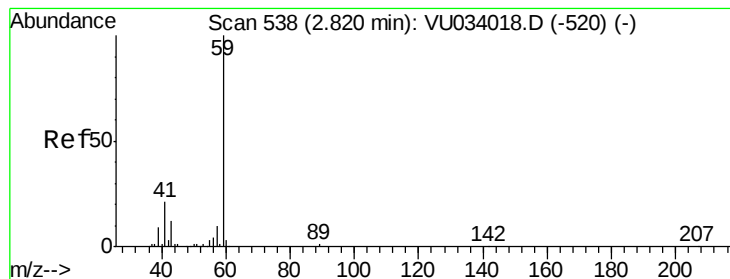


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



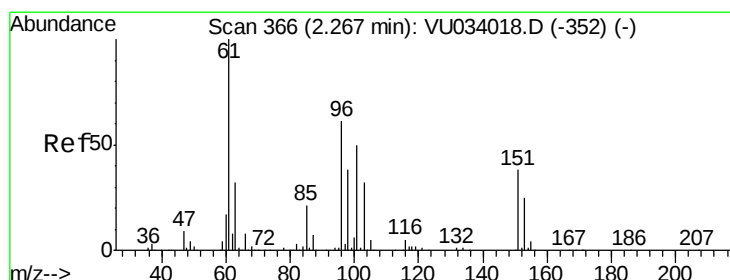
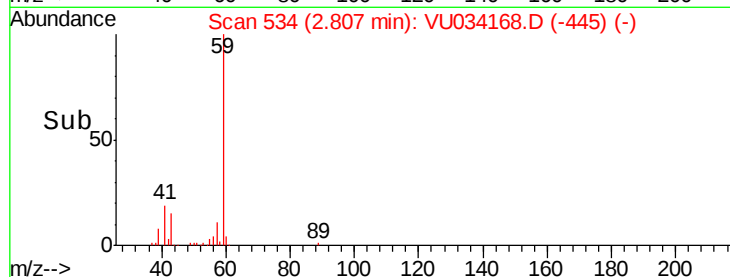
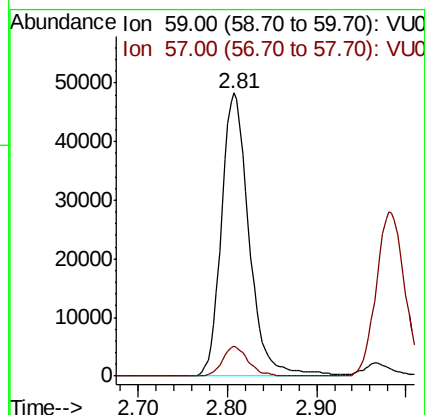
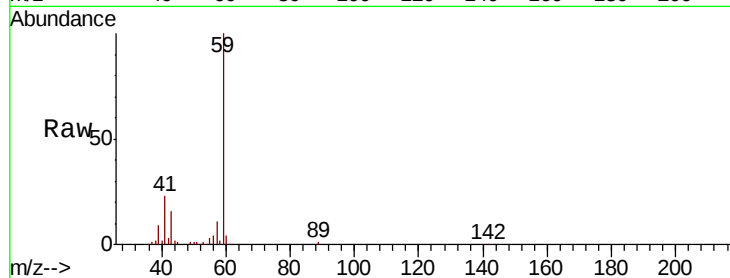


#11

Tert butyl alcohol  
 Concen: 86.943 ug/l  
 RT: 2.81 min Scan# 534  
 Delta R.T. -0.01 min  
 Lab File: VU034168.D  
 Acq: 01 Sep 2019 14:56

Instrument :  
 MSVOA\_U  
 ClientSampled :

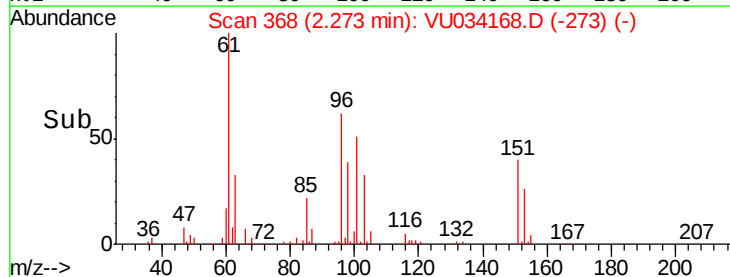
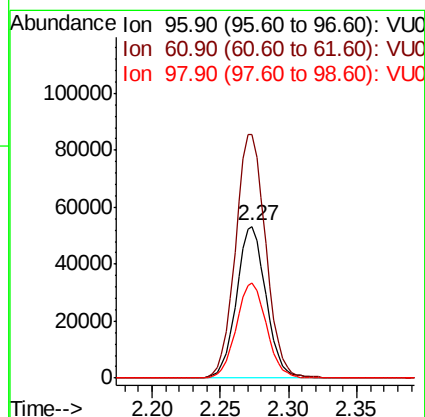
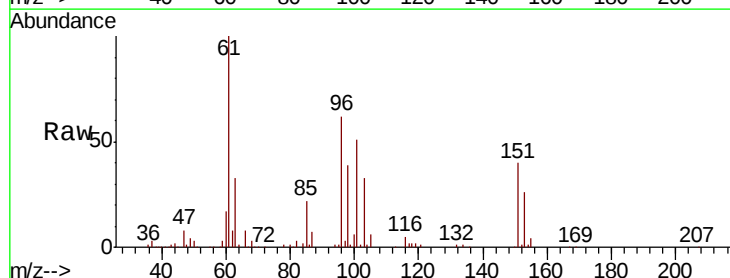
Tot Ion: 59 Resp: 103857  
 Ion Ratio Lower Upper  
 59 100  
 57 9.8 8.0 12.0

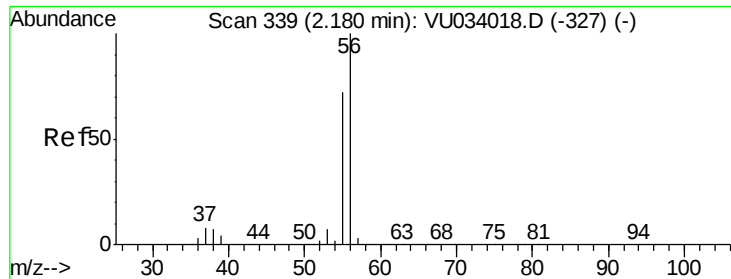


#12

1,1-Dichloroethene  
 Concen: 19.817 ug/l  
 RT: 2.27 min Scan# 368  
 Delta R.T. 0.01 min  
 Lab File: VU034168.D  
 Acq: 01 Sep 2019 14:56

Tgt Ion: 96 Resp: 80202  
 Ion Ratio Lower Upper  
 96 100  
 61 160.3 131.3 196.9  
 98 62.9 50.3 75.5





#13

Acrolein

Concen: 59.196 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

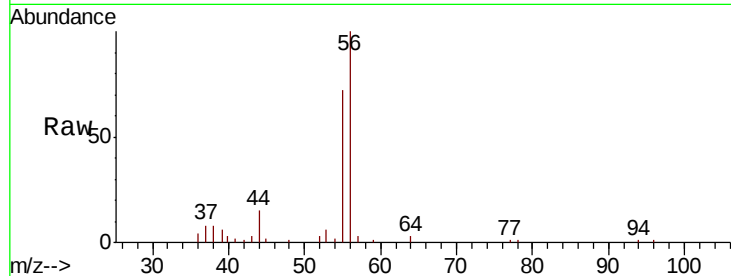
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 56 Resp: 29747

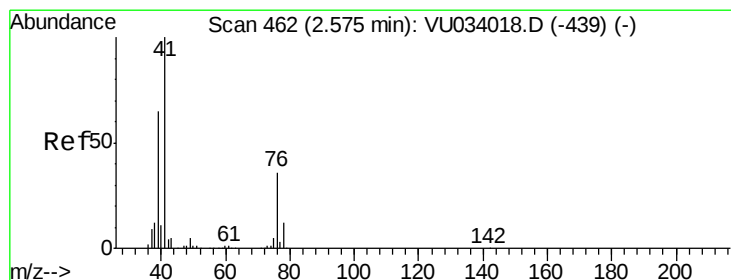
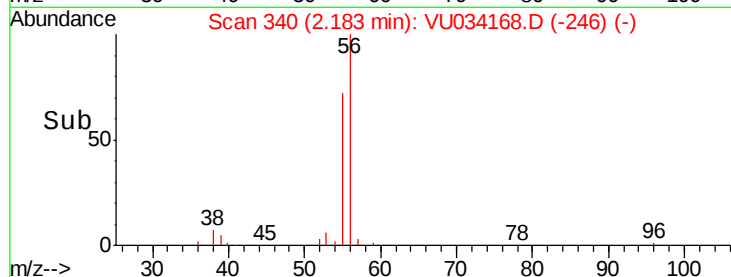
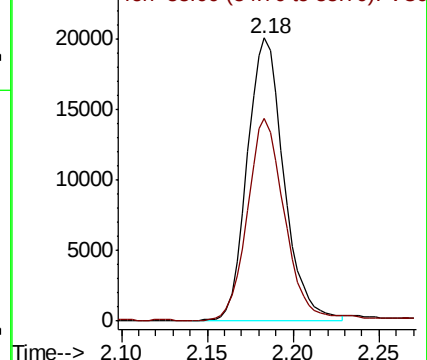
Ion Ratio Lower Upper

56 100

55 72.1 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0  
Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 17.380 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

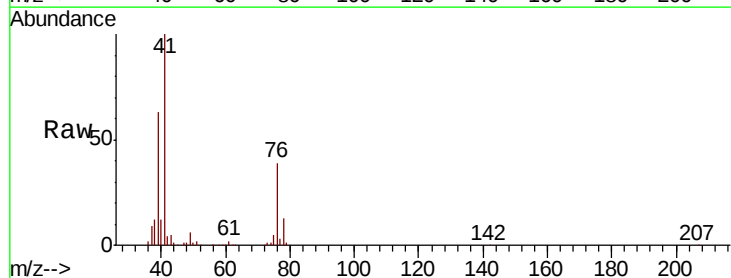
Tgt Ion: 41 Resp: 132249

Ion Ratio Lower Upper

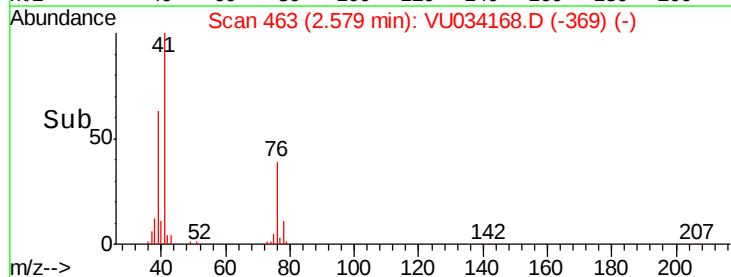
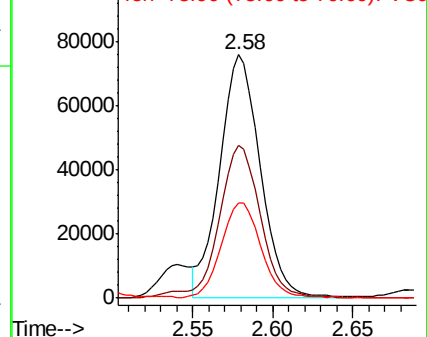
41 100

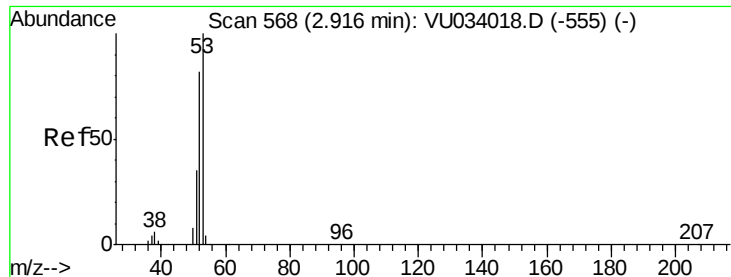
39 64.4 46.8 70.2

76 37.3 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VU0  
Ion 39.00 (38.70 to 39.70): VU0  
Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 100.410 ug/l

RT: 2.92 min Scan# 569

Delta R.T. 0.00 min

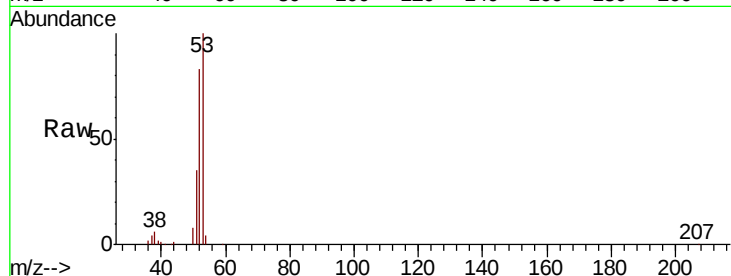
Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 53 Resp: 275235

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.4  | 65.7  | 98.5  |
| 51  | 35.5  | 27.9  | 41.9  |

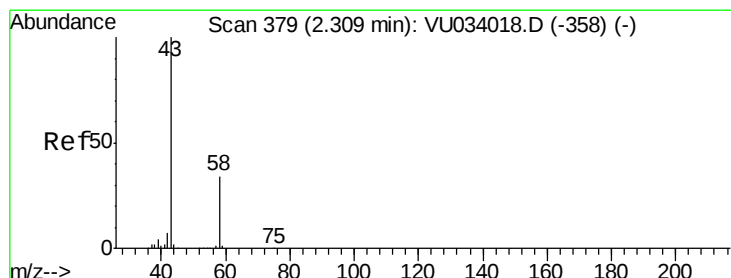
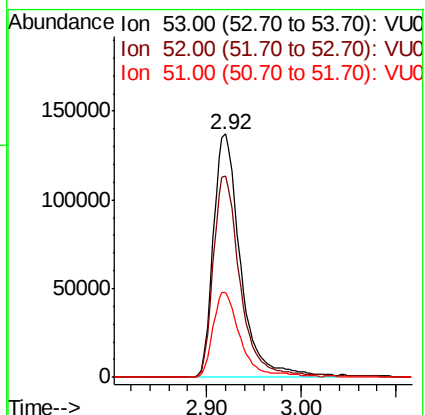
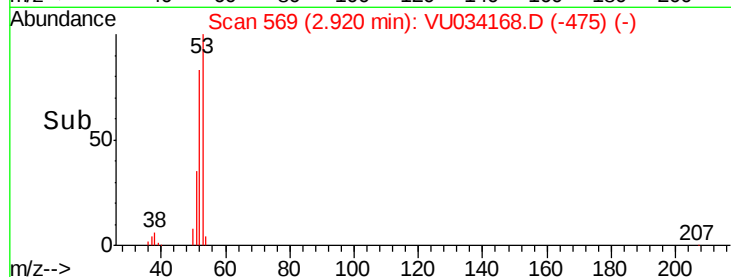


Abundance

Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 88.566 ug/l

RT: 2.31 min Scan# 379

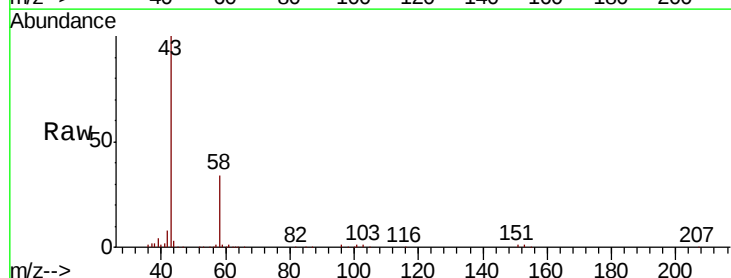
Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Tgt Ion: 43 Resp: 234088

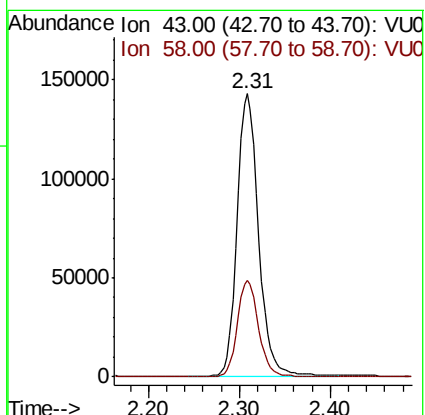
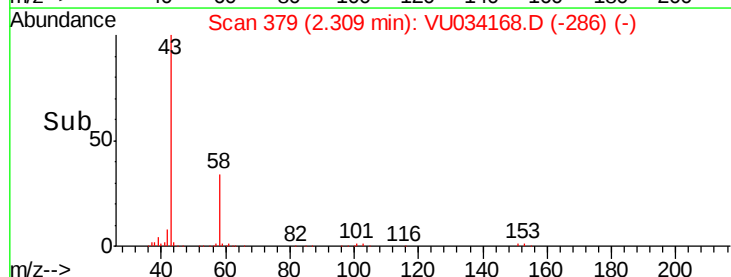
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 34.2  | 26.8  | 40.2  |

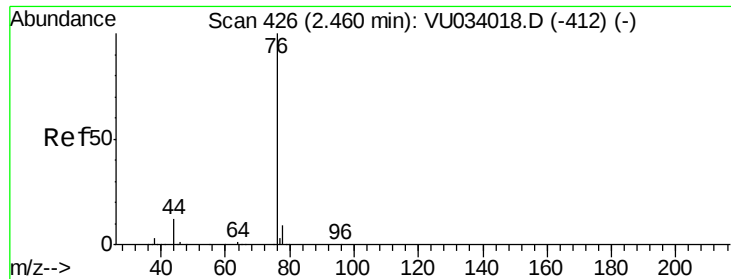


Abundance

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

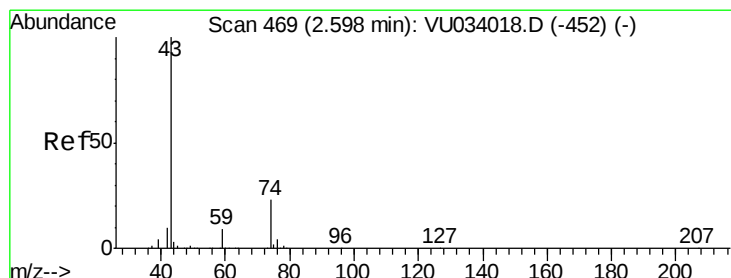
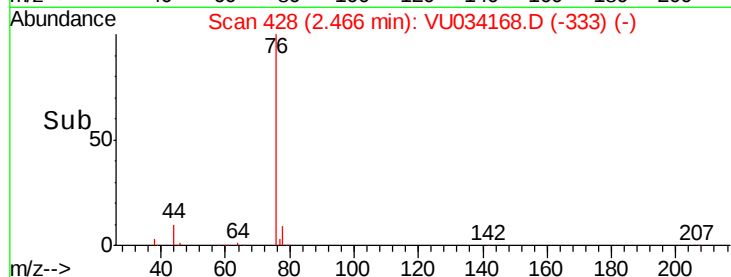
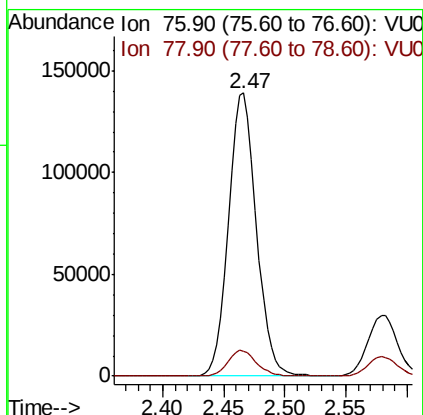
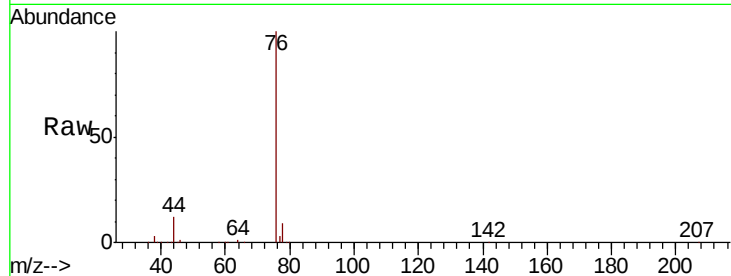




#17  
Carbon Disulfide  
Concen: 17.381 ug/l  
RT: 2.47 min Scan# 428  
Delta R.T. 0.01 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

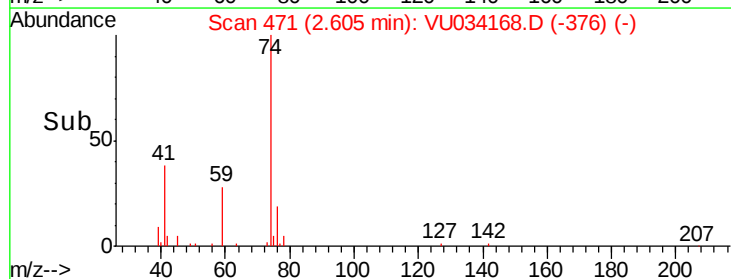
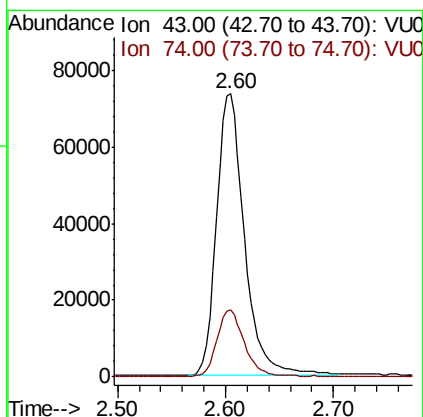
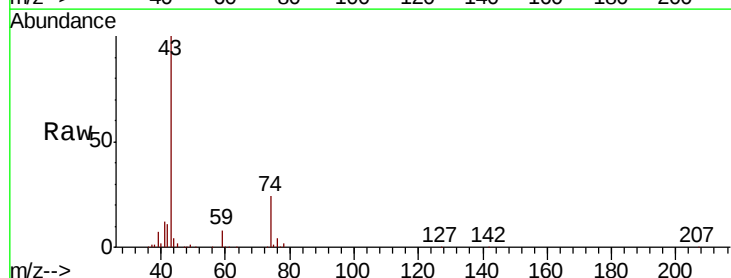
Instrument :  
MSVOA\_U  
ClientSampled :

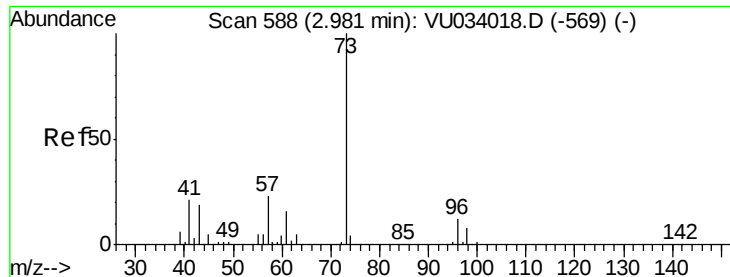
Tot Ion: 76 Resp: 222626  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.1 10.7



#18  
Methyl Acetate  
Concen: 19.404 ug/l  
RT: 2.60 min Scan# 471  
Delta R.T. 0.01 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Tgt Ion: 43 Resp: 132535  
Ion Ratio Lower Upper  
43 100  
74 23.5 19.2 28.8



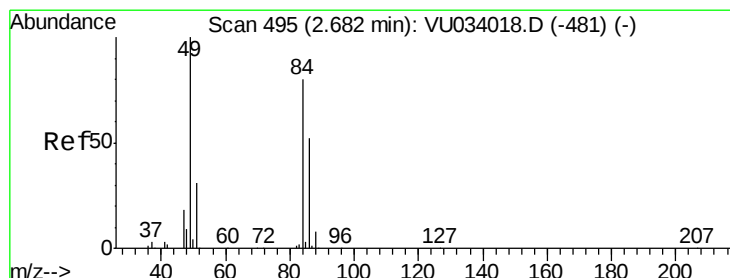
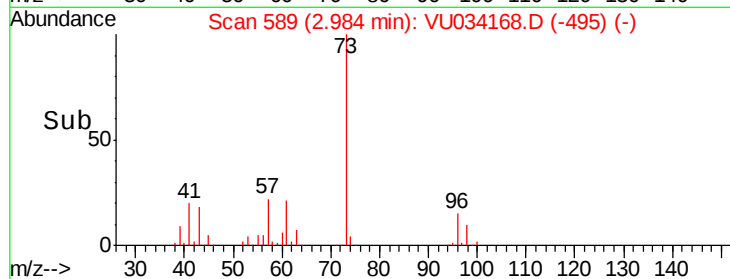
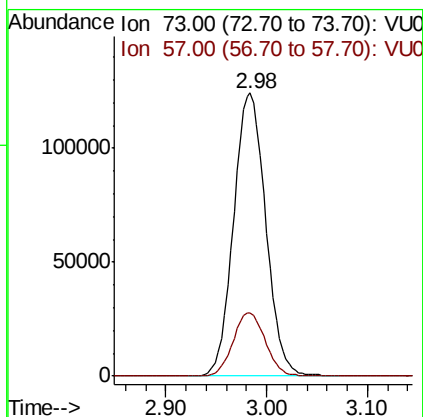
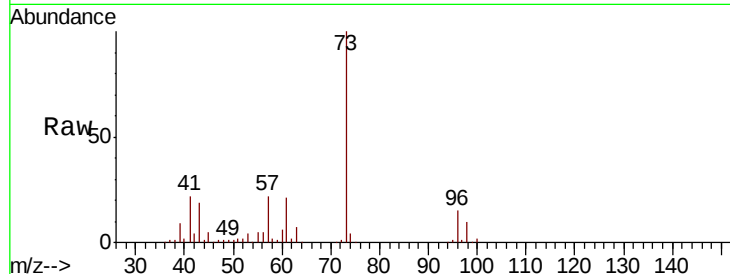


#19

Methyl tert-butyl Ether  
 Concen: 20.739 ug/l  
 RT: 2.98 min Scan# 589  
 Delta R.T. 0.00 min  
 Lab File: VU034168.D  
 Acq: 01 Sep 2019 14:56

Instrument :  
 MSVOA\_U  
 ClientSampled :

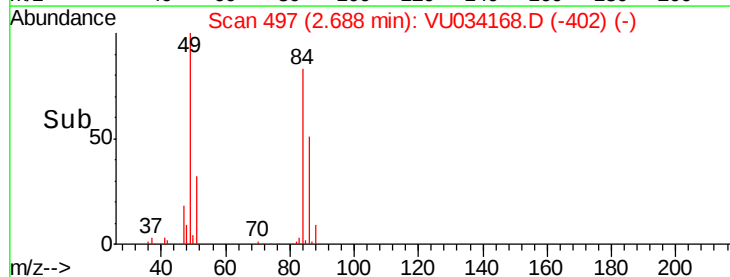
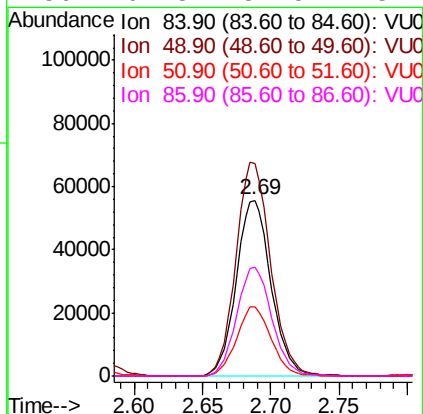
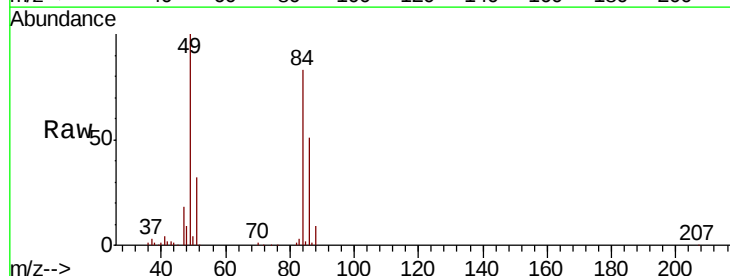
Tot Ion: 73 Resp: 275002  
 Ion Ratio Lower Upper  
 73 100  
 57 22.5 18.3 27.5

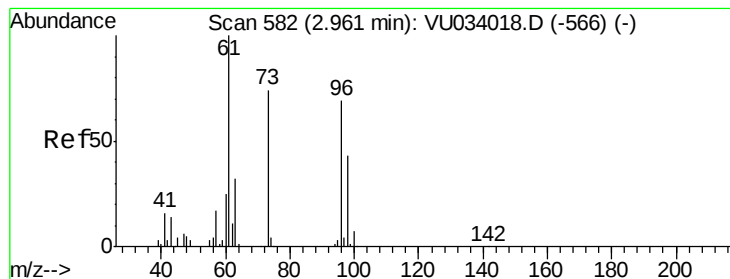


#20

Methylene Chloride  
 Concen: 19.648 ug/l  
 RT: 2.69 min Scan# 497  
 Delta R.T. 0.01 min  
 Lab File: VU034168.D  
 Acq: 01 Sep 2019 14:56

Tgt Ion: 84 Resp: 98310  
 Ion Ratio Lower Upper  
 84 100  
 49 121.0 100.2 150.4  
 51 39.3 30.8 46.2  
 86 61.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.797 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.01 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :  
MSVOA\_U  
ClientSampled :

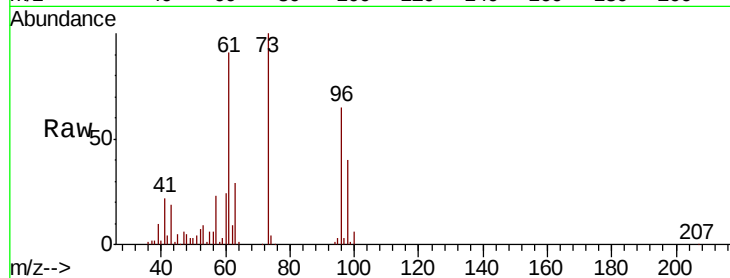
Tot Ion: 96 Resp: 86956

Ion Ratio Lower Upper

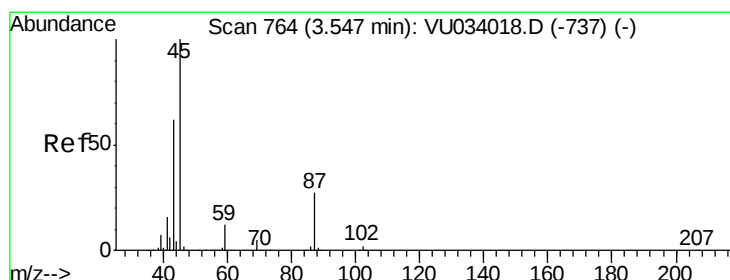
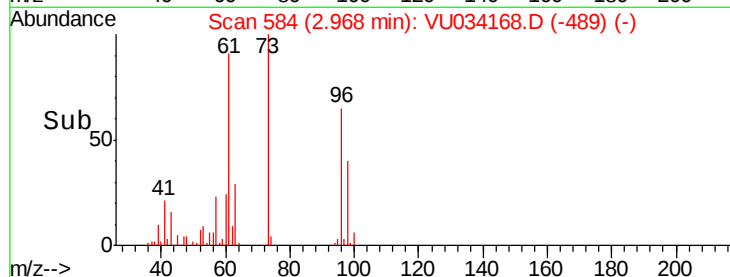
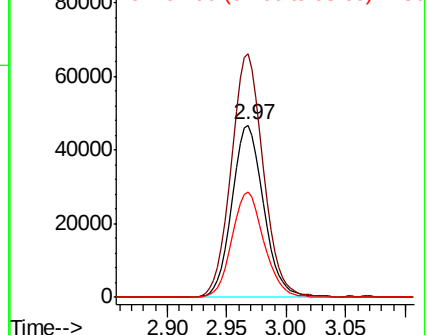
96 100

61 141.6 115.5 173.3

98 61.6 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: 20.834 ug/l

RT: 3.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Tgt Ion: 45 Resp: 290494

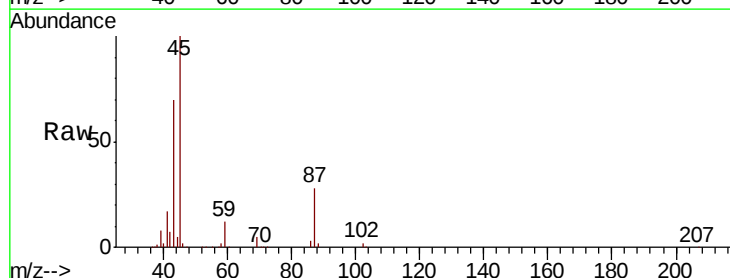
Ion Ratio Lower Upper

45 100

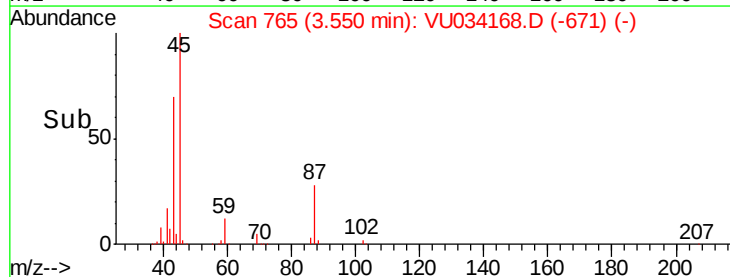
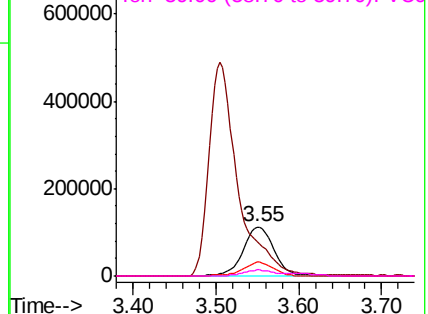
43 69.1 49.7 74.5

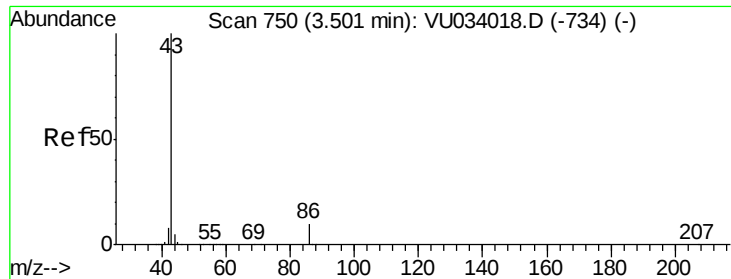
87 27.5 21.8 32.8

59 11.9 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: 100.507 ug/l

RT: 3.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :

MSVOA\_U

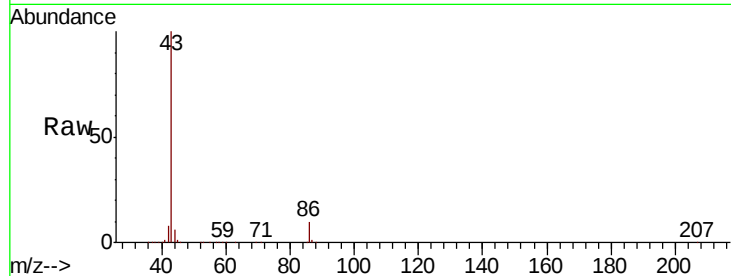
ClientSampled :

Tot Ion: 43 Resp: 1203850

Ion Ratio Lower Upper

43 100

86 10.2 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034168.D (-657) (-)

Ion 86.00 (85.70 to 86.70): VU034168.D (-657) (-)

3.50

500000

400000

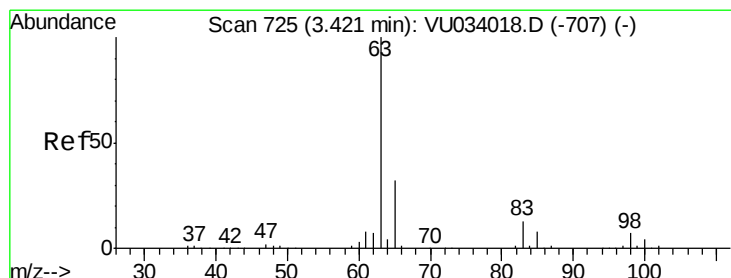
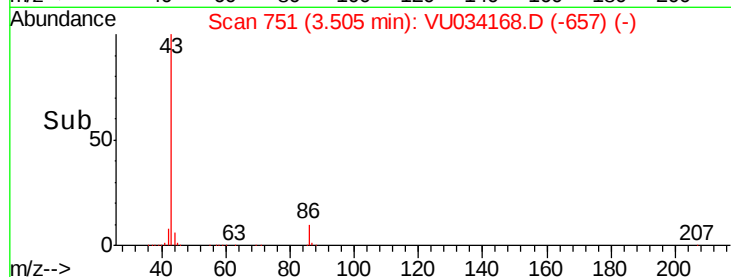
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.249 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.01 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

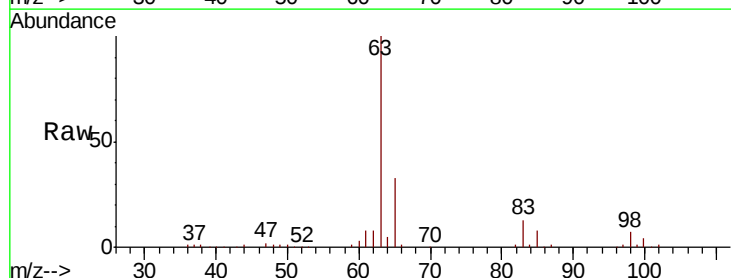
Tgt Ion: 63 Resp: 166691

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.4 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU034168.D (-632) (-)

Ion 97.90 (97.60 to 98.60): VU034168.D (-632) (-)

Ion 99.90 (99.60 to 100.60): VU034168.D (-632) (-)

3.43

100000

80000

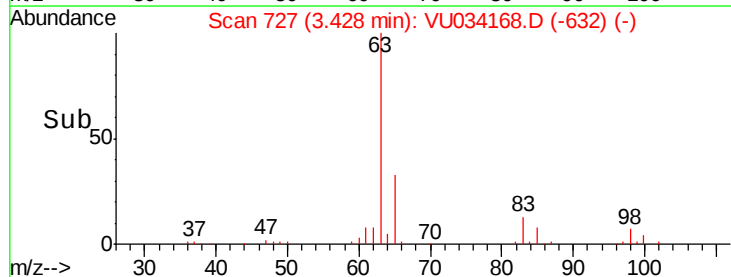
60000

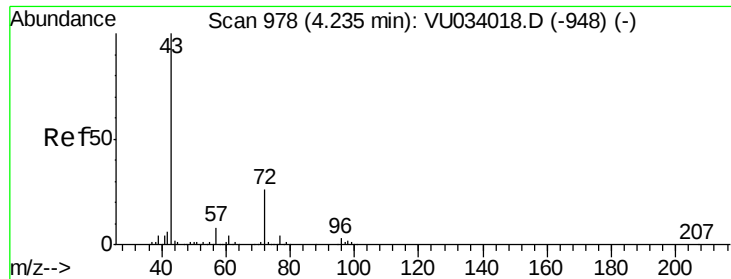
40000

20000

0

Time-->

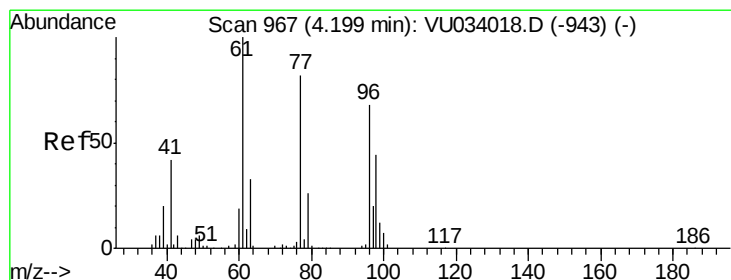
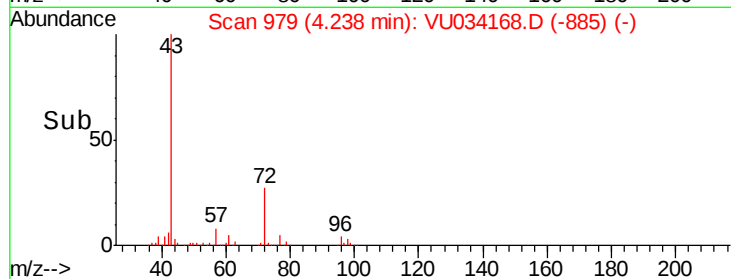
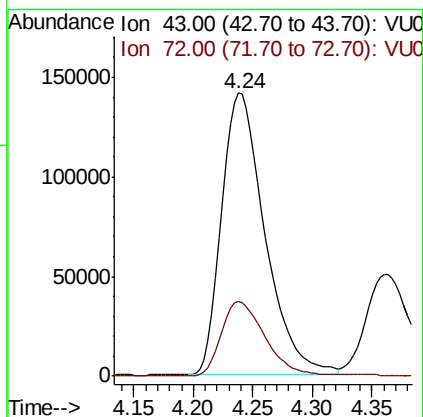
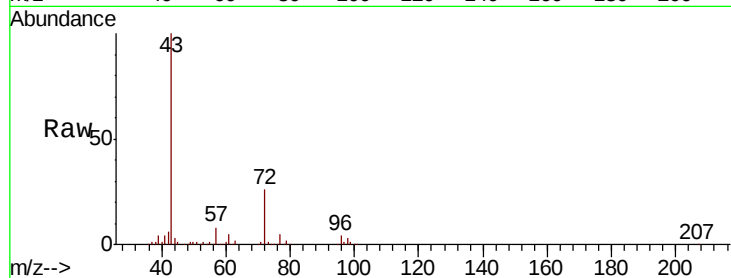




#25  
2-Butanone  
Concen: 97.029 ug/l  
RT: 4.24 min Scan# 979  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

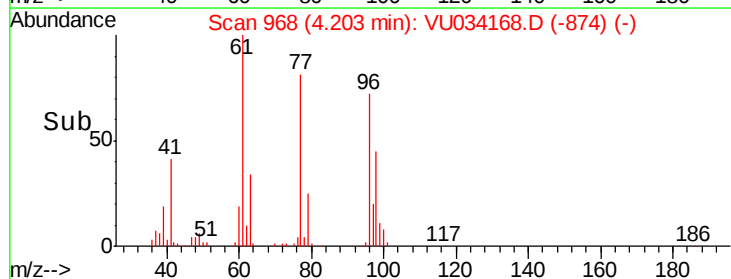
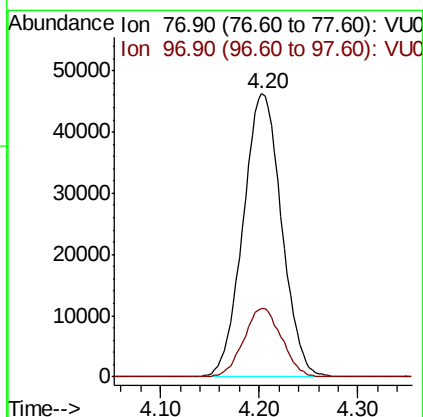
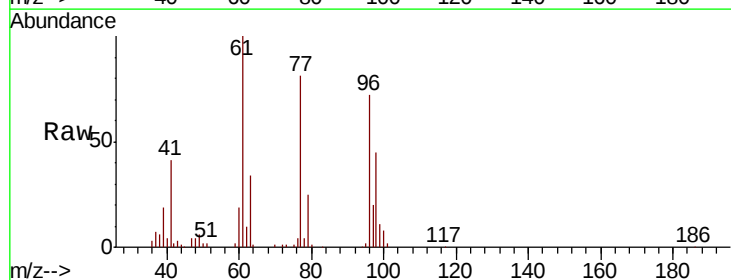
Instrument :  
MSVOA\_U  
ClientSampleId :

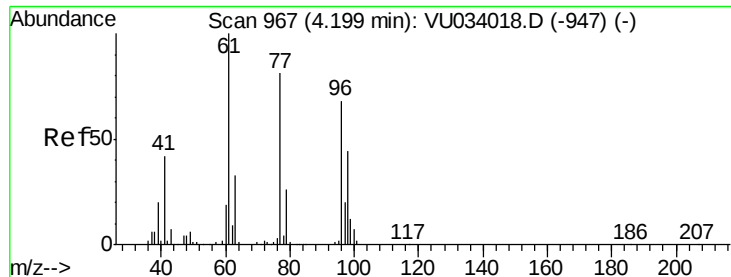
Tot Ion: 43 Resp: 356798  
Ion Ratio Lower Upper  
43 100  
72 26.4 21.2 31.8



#26  
2,2-Dichloropropane  
Concen: 18.661 ug/l  
RT: 4.20 min Scan# 968  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Tgt Ion: 77 Resp: 125002  
Ion Ratio Lower Upper  
77 100  
97 23.9 11.6 34.7



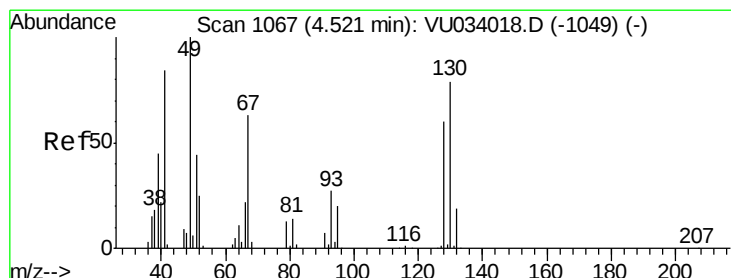
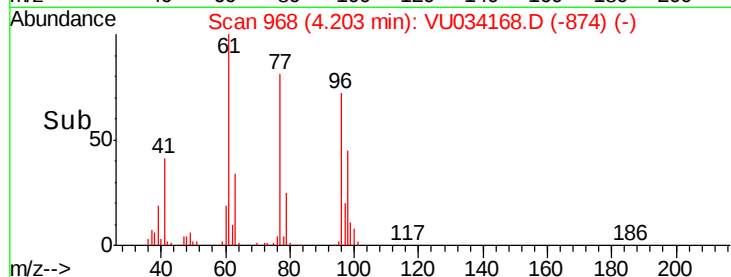
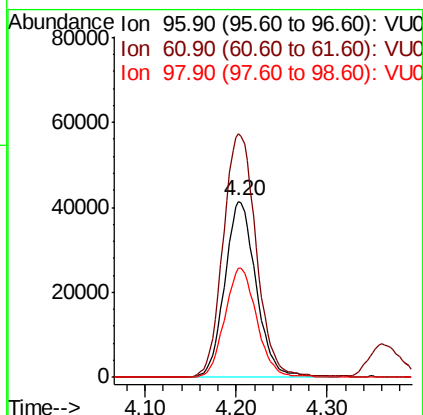
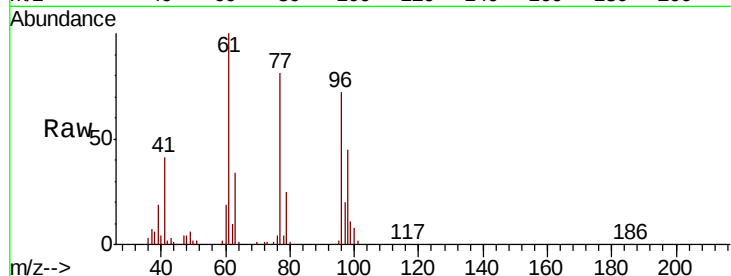


#27

cis-1,2-Dichloroethene  
 Concen: 20.123 ug/l  
 RT: 4.20 min Scan# 968  
 Delta R.T. 0.00 min  
 Lab File: VU034168.D  
 Acq: 01 Sep 2019 14:56

Instrument :  
 MSVOA\_U  
 ClientSampleId :

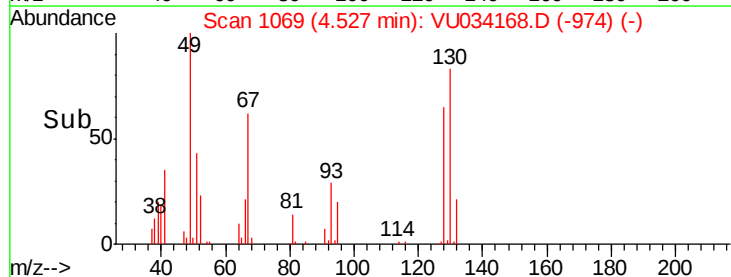
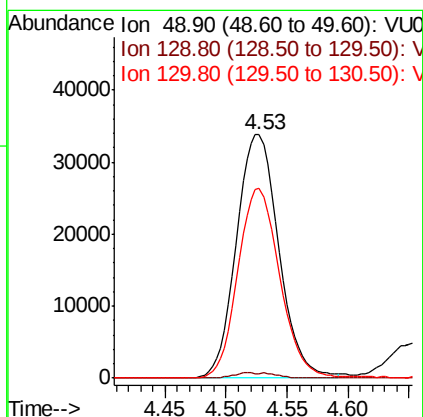
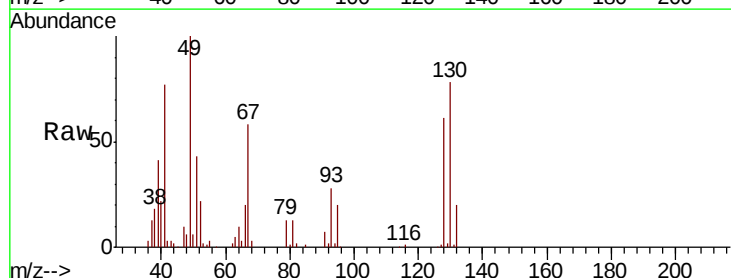
| Tot Ion | 96    | Resp  | 99208 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 145.7 | 0.0   | 303.0 |
| 98      | 63.3  | 0.0   | 129.2 |

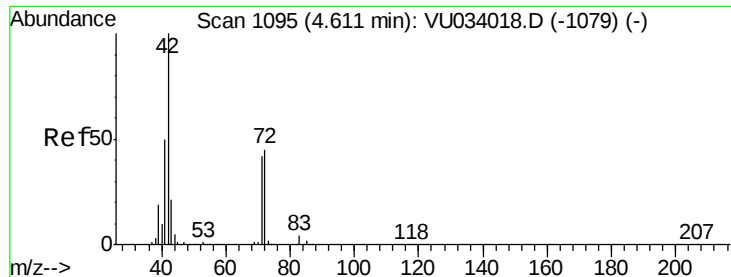


#28

Bromochloromethane  
 Concen: 20.066 ug/l  
 RT: 4.53 min Scan# 1069  
 Delta R.T. 0.01 min  
 Lab File: VU034168.D  
 Acq: 01 Sep 2019 14:56

| Tgt Ion | 49    | Resp  | 81383 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 49      | 100   |       |       |
| 129     | 2.1   | 0.0   | 3.6   |
| 130     | 77.0  | 62.8  | 94.2  |

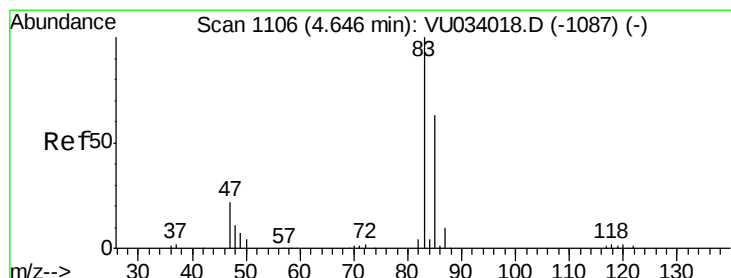
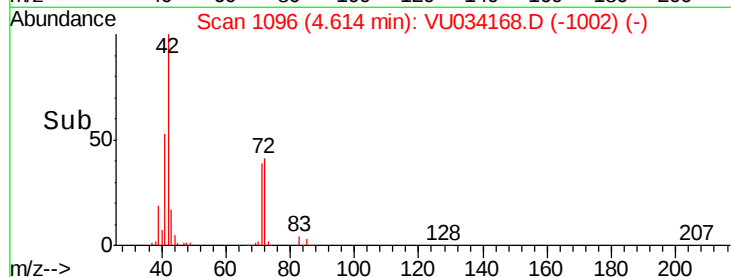
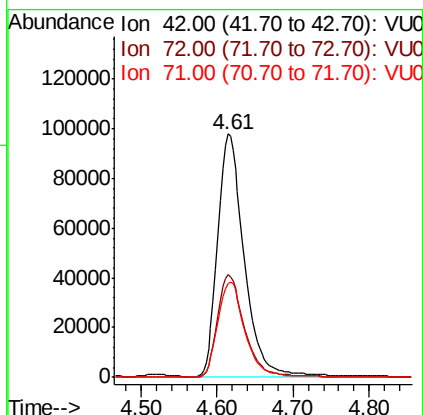
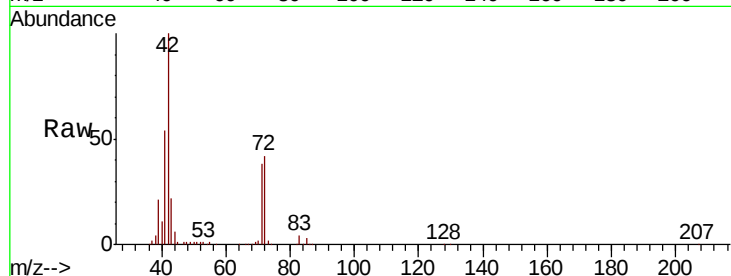




#29  
Tetrahydrofuran  
Concen: 104.106 ug/l  
RT: 4.61 min Scan# 1096  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

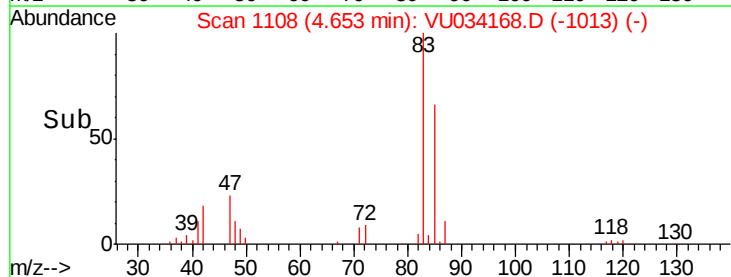
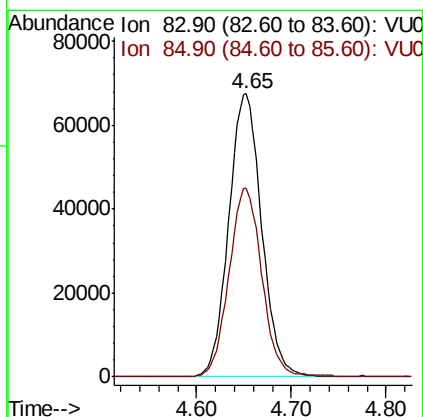
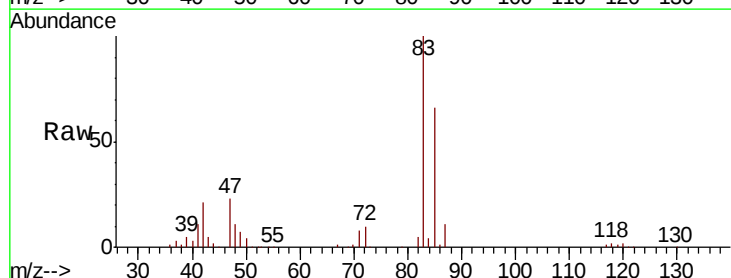
Instrument :  
MSVOA\_U  
ClientSampleId :

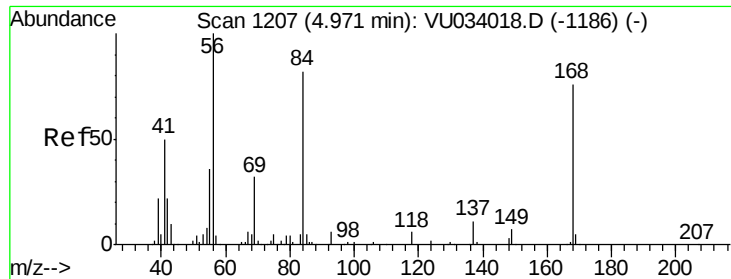
Tot Ion: 42 Resp: 236087  
Ion Ratio Lower Upper  
42 100  
72 43.3 35.8 53.6  
71 39.9 34.0 51.0



#30  
Chloroform  
Concen: 19.873 ug/l  
RT: 4.65 min Scan# 1108  
Delta R.T. 0.01 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Tgt Ion: 83 Resp: 163224  
Ion Ratio Lower Upper  
83 100  
85 66.4 50.7 76.1

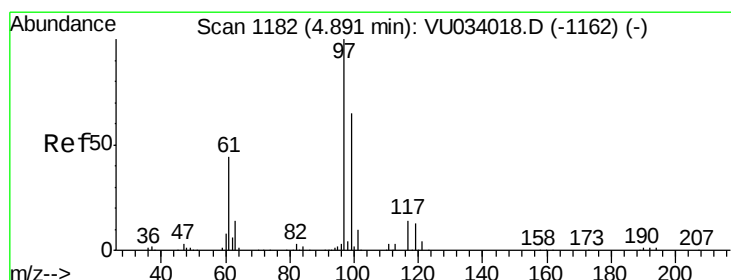
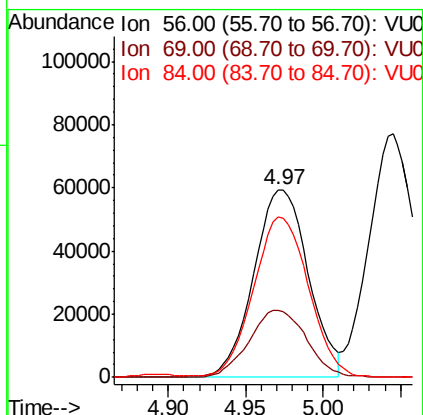
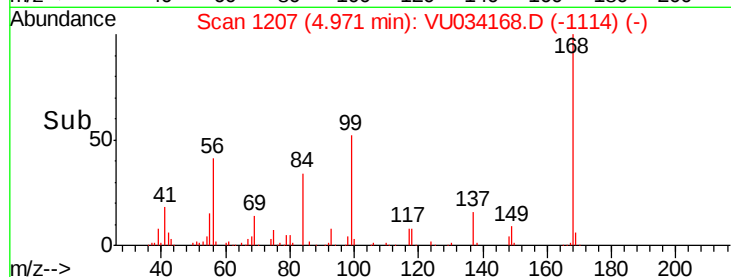
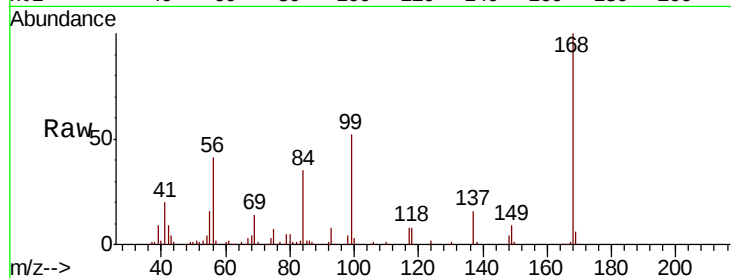




#31  
Cyclohexane  
Concen: 18.899 ug/l  
RT: 4.97 min Scan# 1207  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

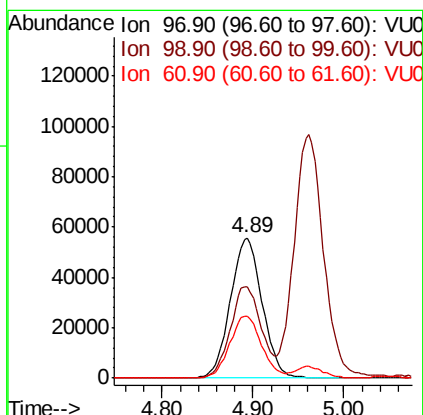
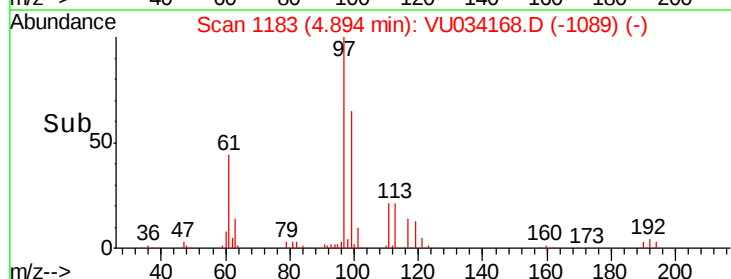
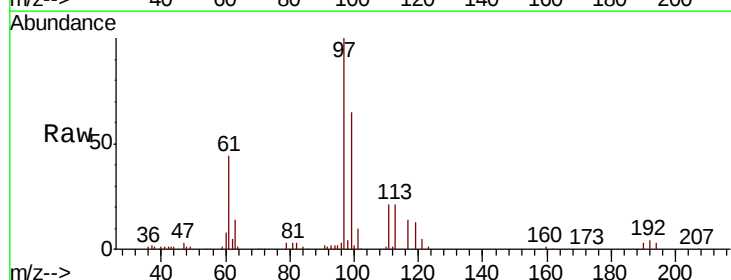
Instrument :  
MSVOA\_U  
ClientSampled :

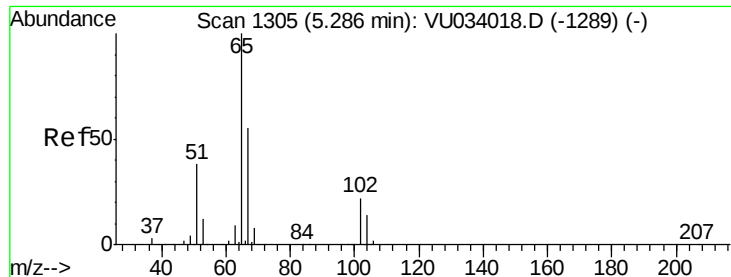
| Tot Ion   | 56    | Resp  | 146188 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 35.7  | 25.4  | 38.0   |
| 84        | 85.0  | 65.8  | 98.8   |



#32  
1,1,1-Trichloroethane  
Concen: 20.035 ug/l  
RT: 4.89 min Scan# 1183  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

| Tgt Ion   | 97    | Resp  | 134771 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 64.4  | 51.8  | 77.6   |
| 61        | 44.4  | 35.3  | 52.9   |





#33

1,2-Dichloroethane-d4

Concen: 50.895 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :

MSVOA\_U

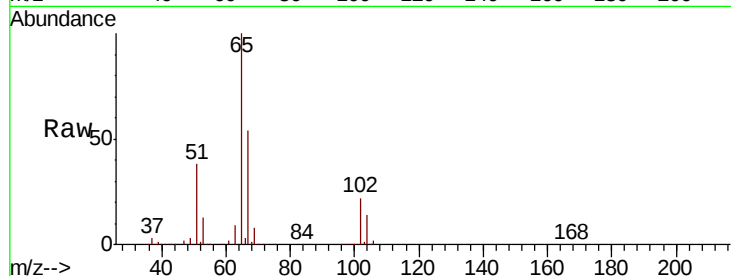
ClientSampled :

Tot Ion: 65 Resp: 263640

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034168.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034168.D (-1289) (-)

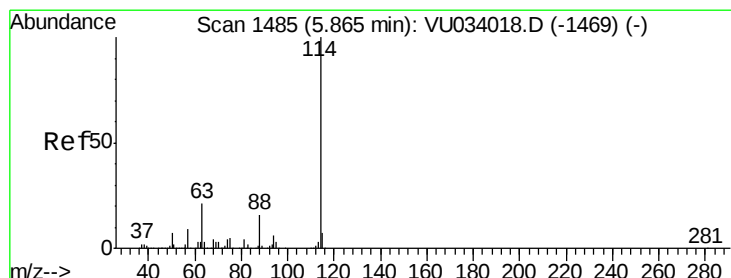
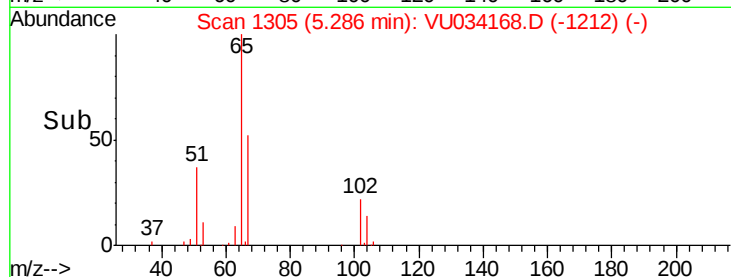
5.29

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

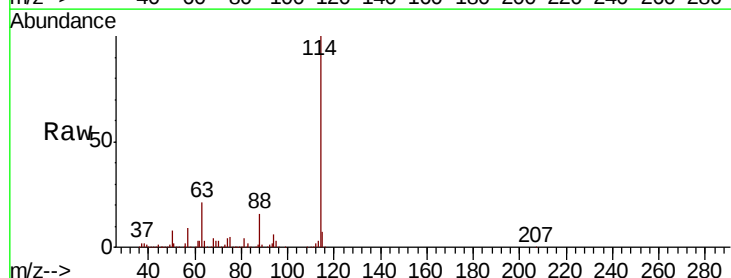
Tgt Ion: 114 Resp: 655554

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.0

88 16.0 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VU034168.D (-1469) (-)

Ion 63.00 (62.70 to 63.70): VU034168.D (-1469) (-)

Ion 87.90 (87.60 to 88.60): VU034168.D (-1469) (-)

5.86

400000

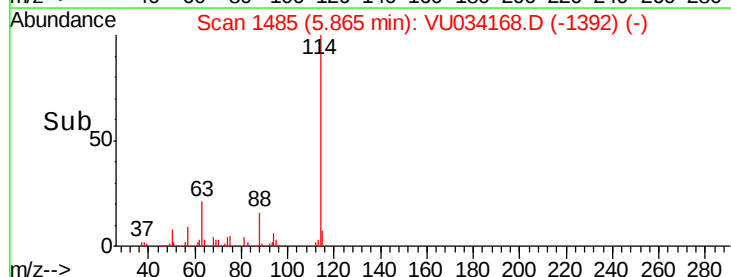
300000

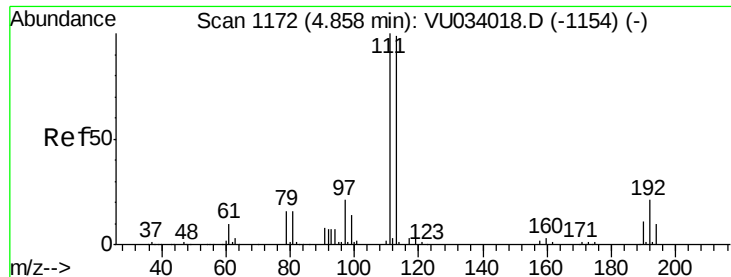
200000

100000

0

Time-->

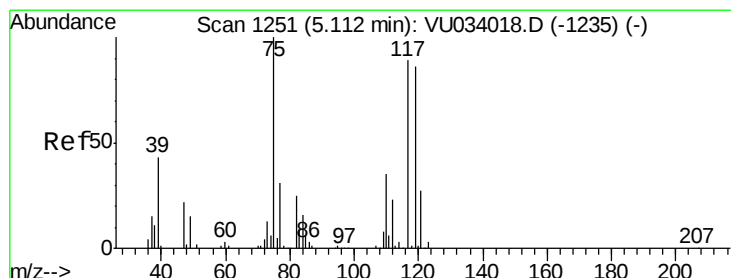
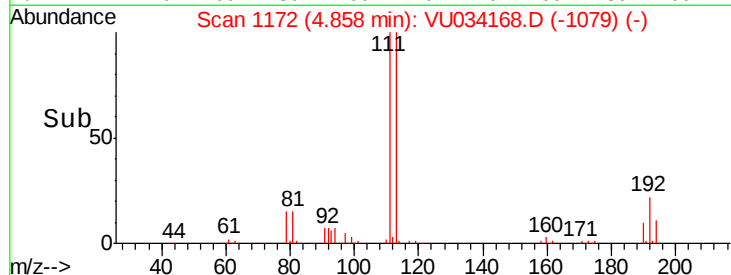
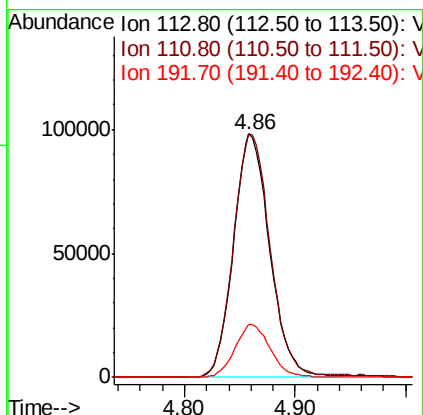
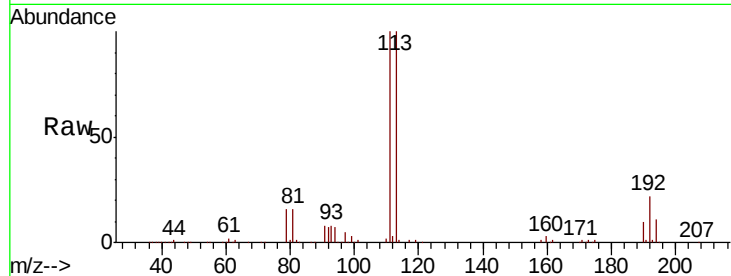




#35  
Dibromofluoromethane  
Concen: 49.045 ug/l  
RT: 4.86 min Scan# 1172  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

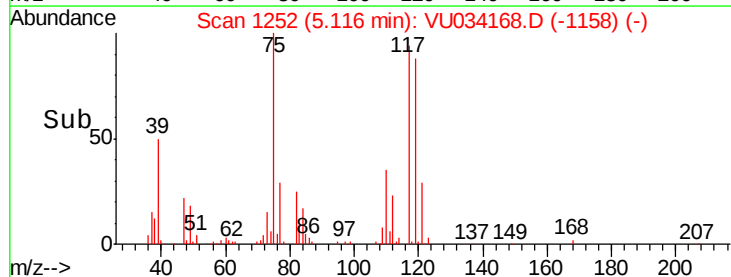
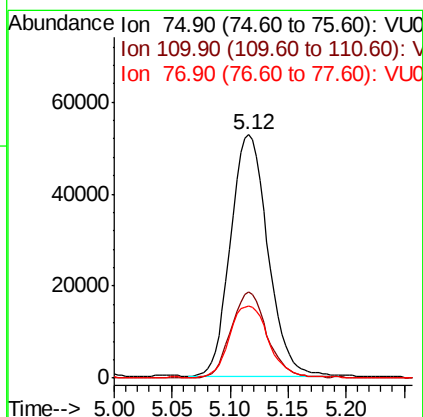
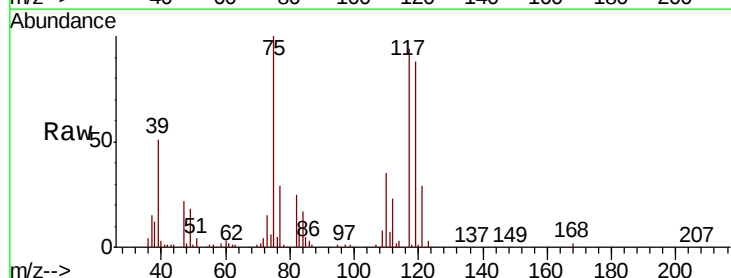
Instrument :  
MSVOA\_U  
ClientSampled :

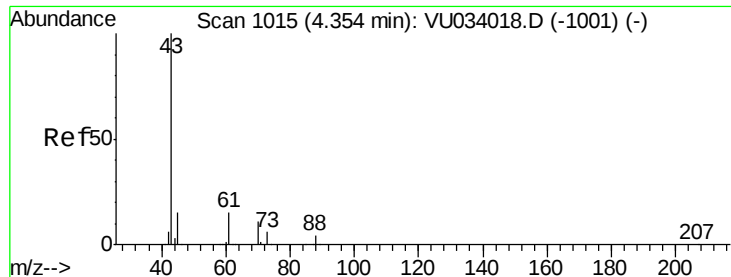
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.7 | 81.7  | 122.5 |
| 192     | 21.4  | 17.1  | 25.7  |



#36  
1,1-Dichloropropene  
Concen: 18.926 ug/l  
RT: 5.12 min Scan# 1252  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 34.6  | 17.8  | 53.5  |
| 77      | 31.7  | 25.0  | 37.4  |

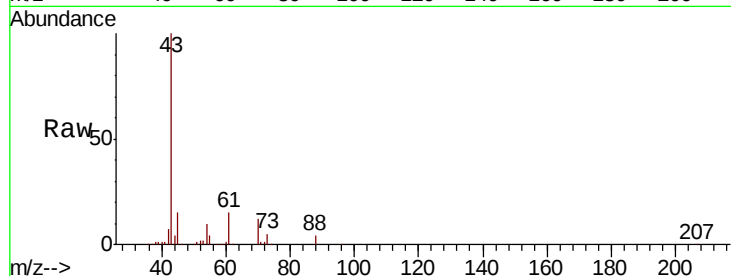




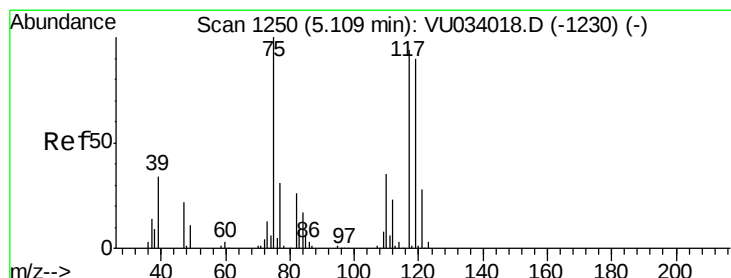
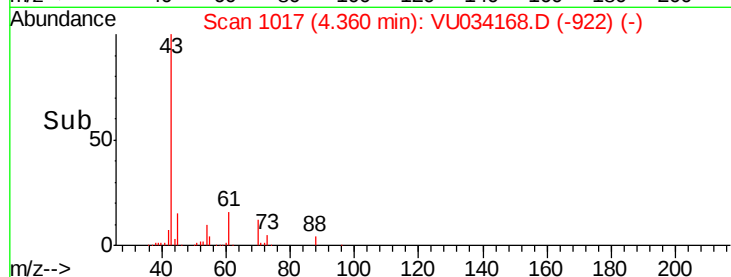
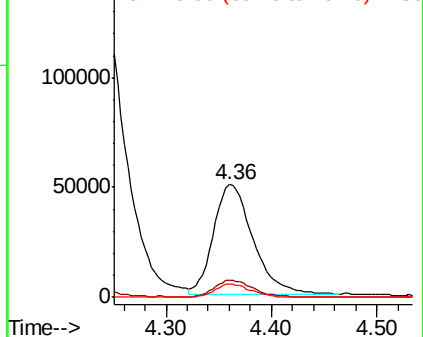
#37  
Ethyl Acetate  
Concen: 18.902 ug/l  
RT: 4.36 min Scan# 1017  
Delta R.T. 0.01 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 43 Resp: 131248  
Ion Ratio Lower Upper  
43 100  
61 14.0 11.5 17.3  
70 11.0 8.6 12.8

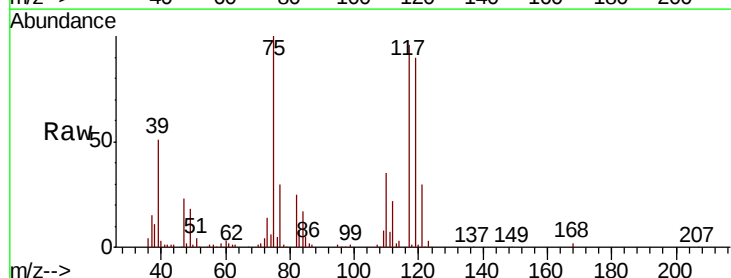


Abundance Ion 43.00 (42.70 to 43.70): VU0  
Ion 60.90 (60.60 to 61.60): VU0  
Ion 70.00 (69.70 to 70.70): VU0

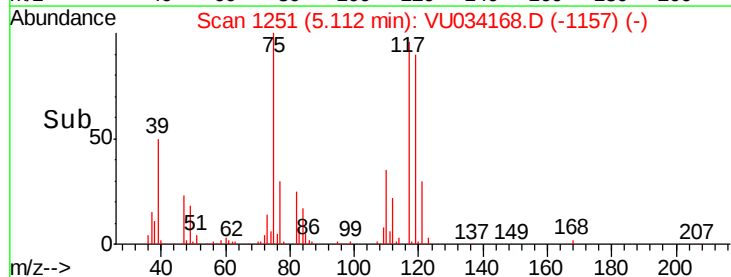
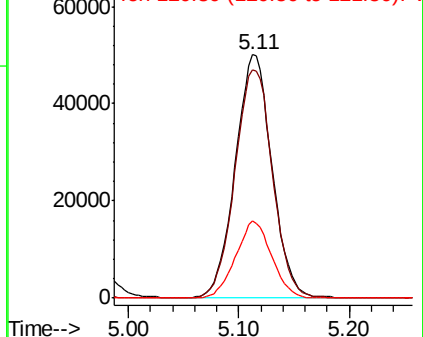


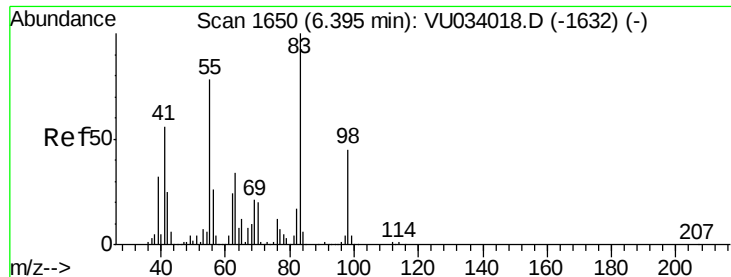
#38  
Carbon Tetrachloride  
Concen: 19.095 ug/l  
RT: 5.11 min Scan# 1251  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Tgt Ion: 117 Resp: 114289  
Ion Ratio Lower Upper  
117 100  
119 93.9 77.0 115.4  
121 31.6 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

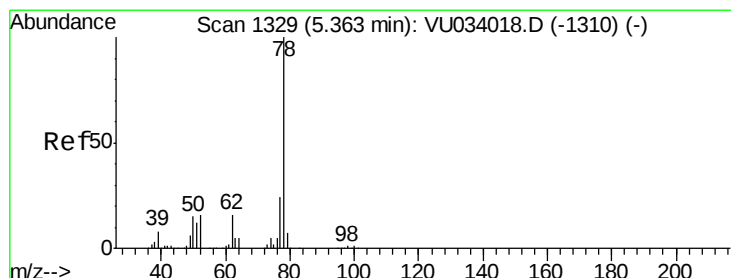
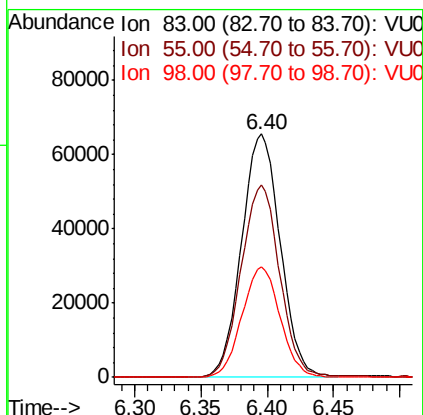
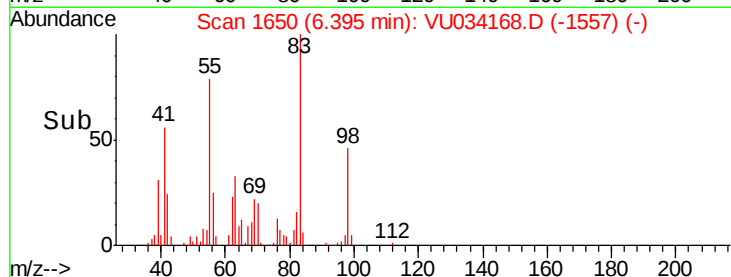
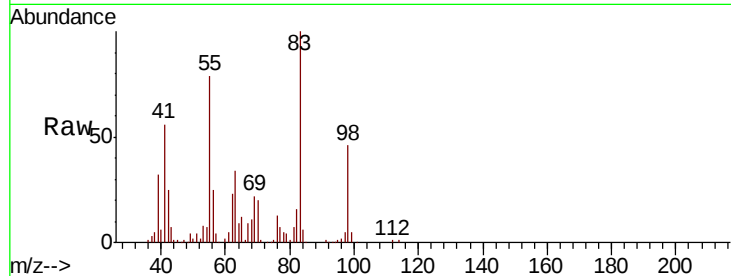




#39  
Methvlcvclohexane  
Concen: 18.214 ug/l  
RT: 6.40 min Scan# 1650  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

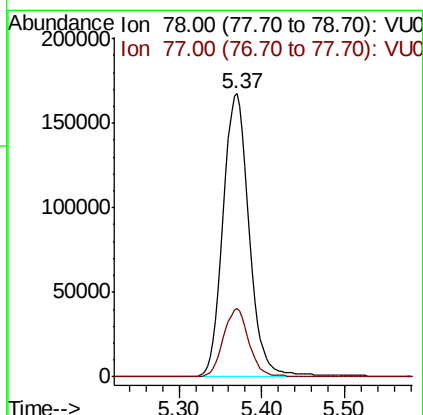
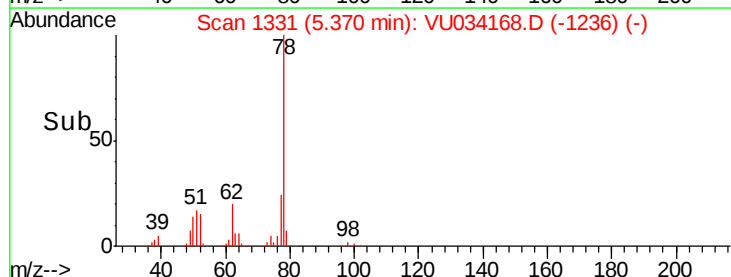
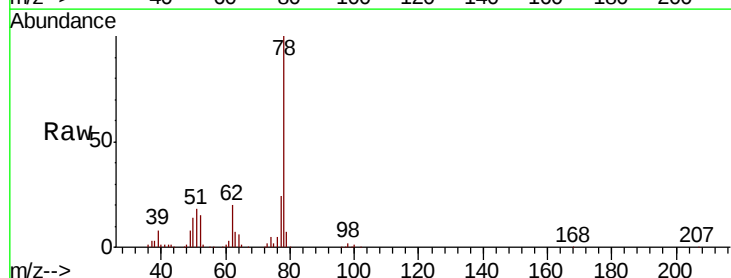
Instrument :  
MSVOA\_U  
ClientSampleId :

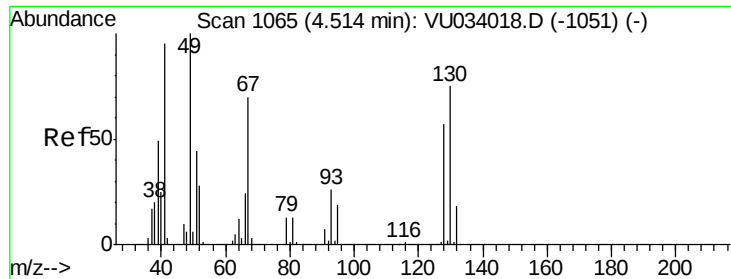
Tot Ion: 83 Resp: 133111  
Ion Ratio Lower Upper  
83 100  
55 79.3 62.3 93.5  
98 45.6 36.2 54.2



#40  
Benzene  
Concen: 19.620 ug/l  
RT: 5.37 min Scan# 1331  
Delta R.T. 0.01 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Tgt Ion: 78 Resp: 368085  
Ion Ratio Lower Upper  
78 100  
77 24.3 19.0 28.6

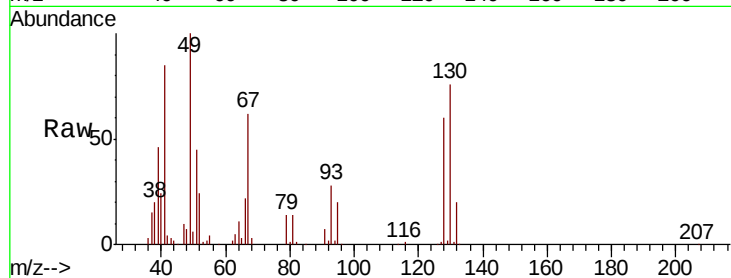




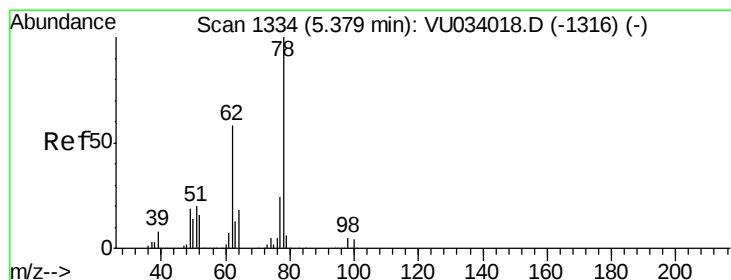
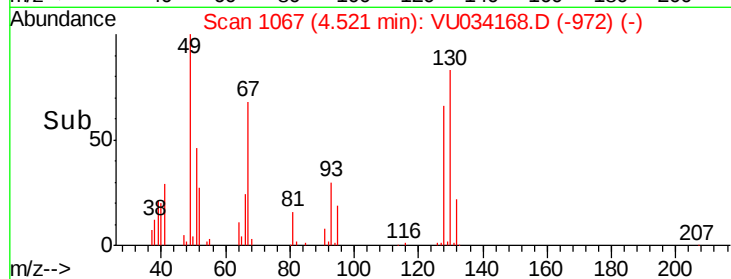
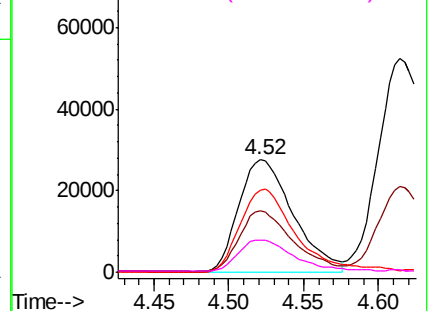
#41  
Methacrylonitrile  
Concen: 19.475 ug/l  
RT: 4.52 min Scan# 1067  
Delta R.T. 0.01 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 41 Resp: 69354  
Ion Ratio Lower Upper  
41 100  
39 53.8 42.1 63.1  
67 76.4 61.0 91.4  
52 28.6 23.3 34.9

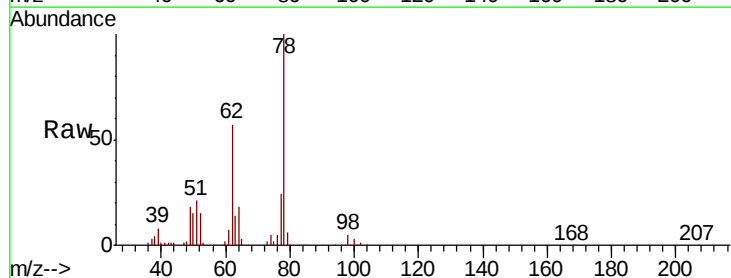


Abundance Ion 41.00 (40.70 to 41.70): VU0  
Ion 39.00 (38.70 to 39.70): VU0  
Ion 67.00 (66.70 to 67.70): VU0  
Ion 52.00 (51.70 to 52.70): VU0

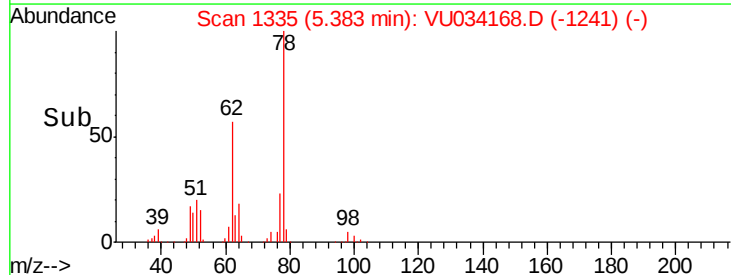
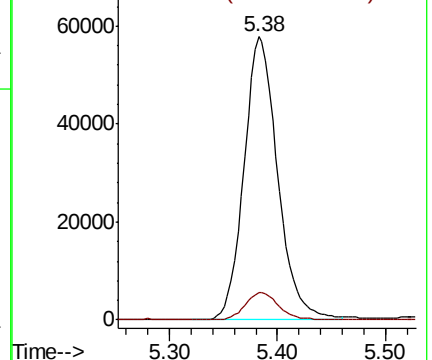


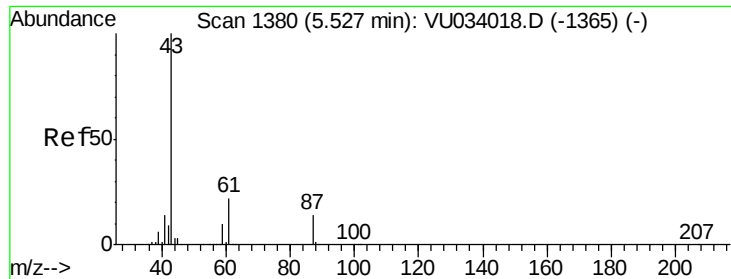
#42  
1,2-Dichloroethane  
Concen: 19.384 ug/l  
RT: 5.38 min Scan# 1335  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Tgt Ion: 62 Resp: 125577  
Ion Ratio Lower Upper  
62 100  
98 9.6 0.0 18.2



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



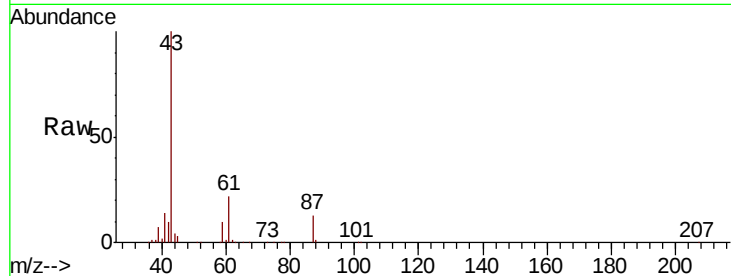


#43

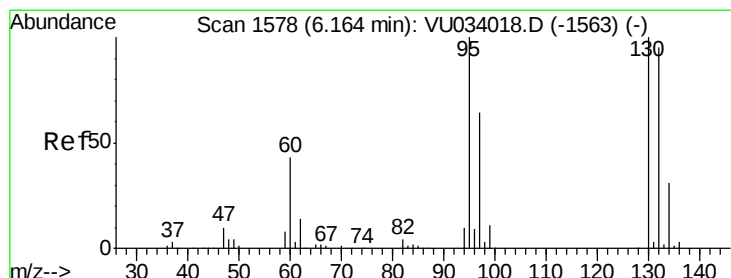
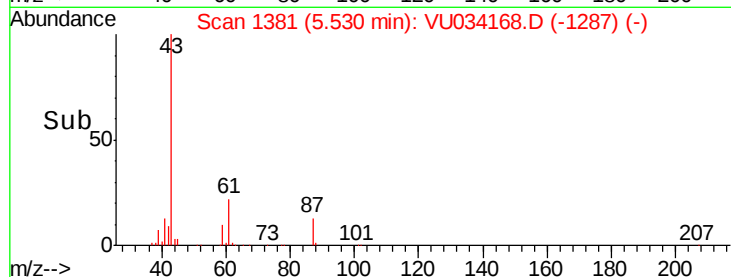
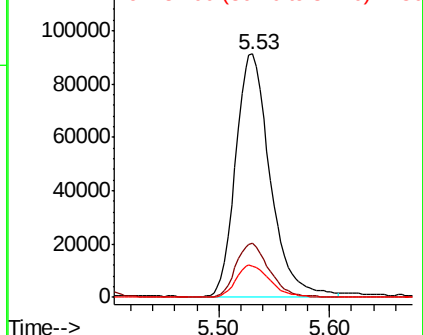
Isopropyl Acetate  
 Concen: 18.671 ug/l  
 RT: 5.53 min Scan# 1381  
 Delta R.T. 0.00 min  
 Lab File: VU034168.D  
 Acq: 01 Sep 2019 14:56

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Tot Ion: 43 Resp: 197235  
 Ion Ratio Lower Upper  
 43 100  
 61 21.5 17.2 25.8  
 87 13.1 10.8 16.2



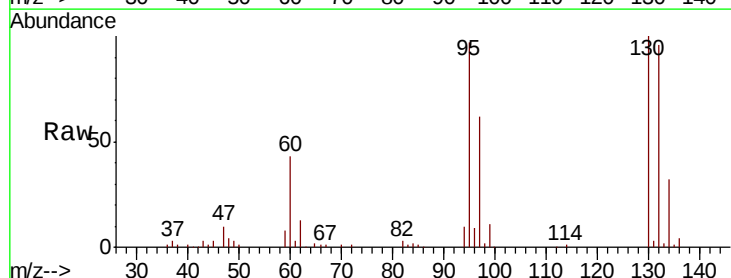
Abundance Ion 43.00 (42.70 to 43.70): VU0  
 Ion 61.00 (60.70 to 61.70): VU0  
 Ion 87.00 (86.70 to 87.70): VU0



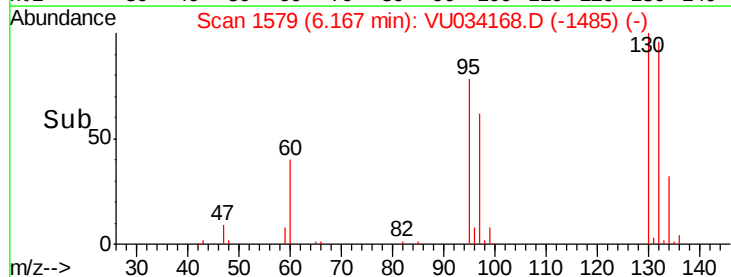
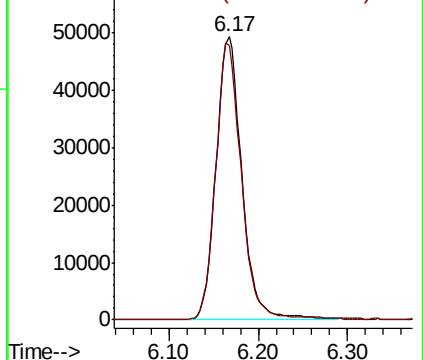
#44

Trichloroethene  
 Concen: 20.067 ug/l  
 RT: 6.17 min Scan# 1579  
 Delta R.T. 0.00 min  
 Lab File: VU034168.D  
 Acq: 01 Sep 2019 14:56

Tgt Ion: 130 Resp: 98858  
 Ion Ratio Lower Upper  
 130 100  
 95 97.0 0.0 199.6



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





#45

1,2-Dichloropropane

Concen: 19.975 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :

MSVOA\_U

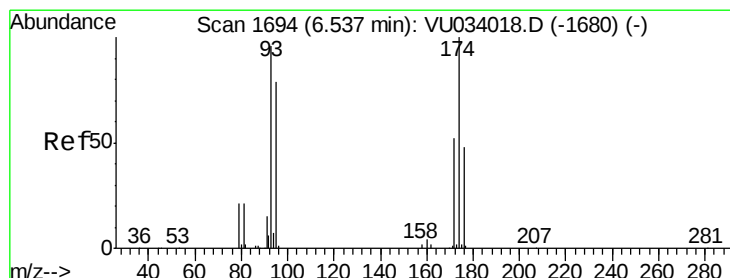
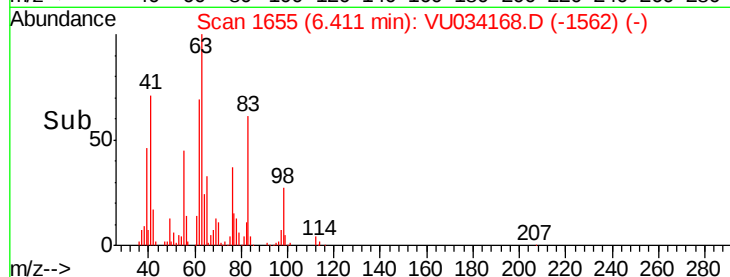
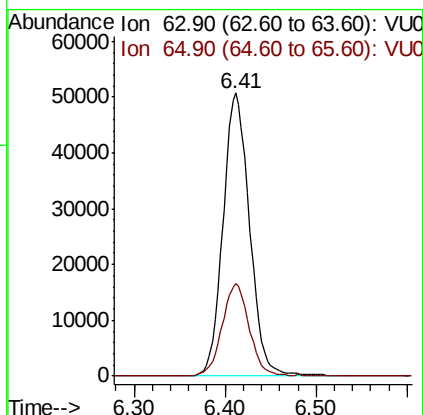
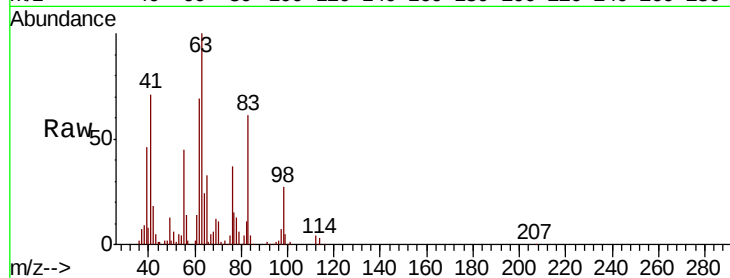
ClientSampleId :

Tot Ion: 63 Resp: 103159

Ion Ratio Lower Upper

63 100

65 32.5 25.4 38.2



#46

Dibromomethane

Concen: 19.509 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

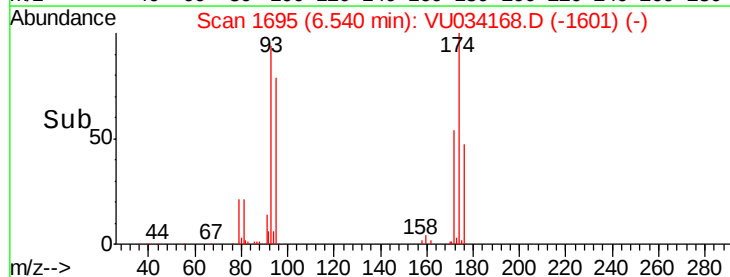
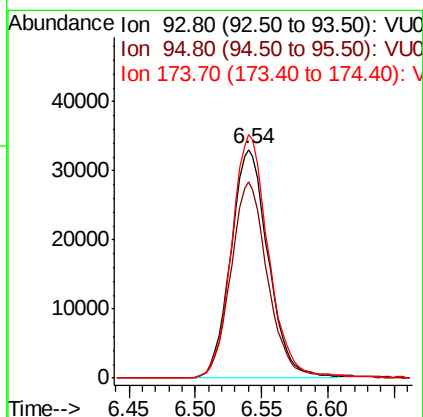
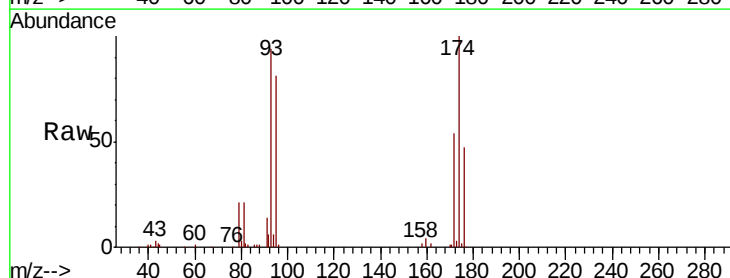
Tgt Ion: 93 Resp: 64911

Ion Ratio Lower Upper

93 100

95 85.0 66.7 100.1

174 105.7 84.9 127.3





#47

Bromodichloromethane

Concen: 19.744 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :  
MSVOA\_U  
ClientSampleId :

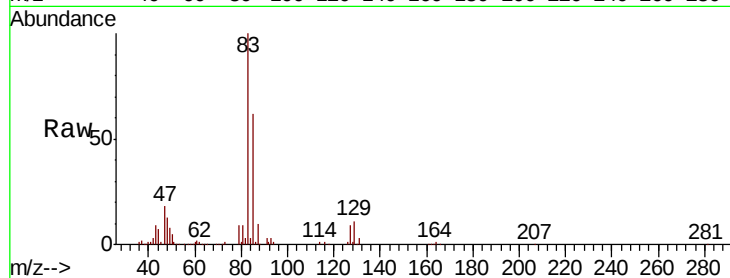
Tot Ion: 83 Resp: 128526

Ion Ratio Lower Upper

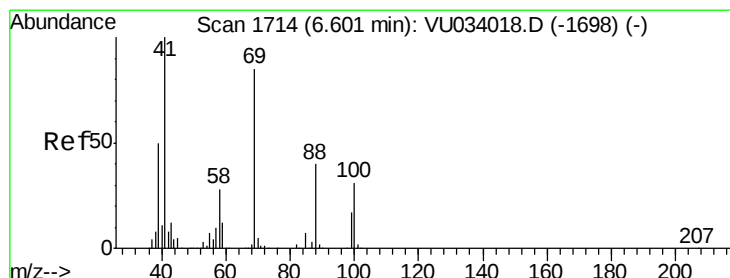
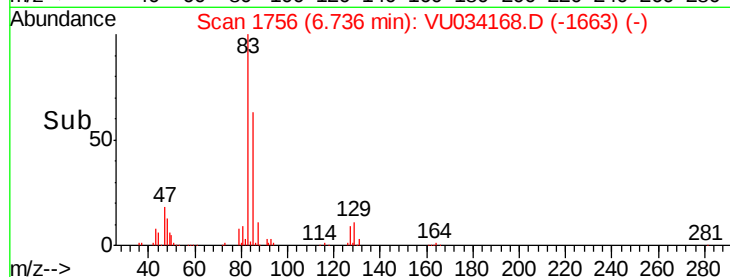
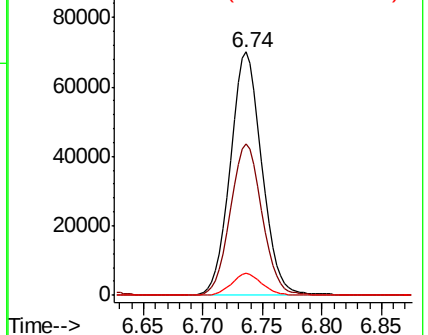
83 100

85 62.3 51.2 76.8

127 9.0 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VU0  
Ion 84.90 (84.60 to 85.60): VU0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.683 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

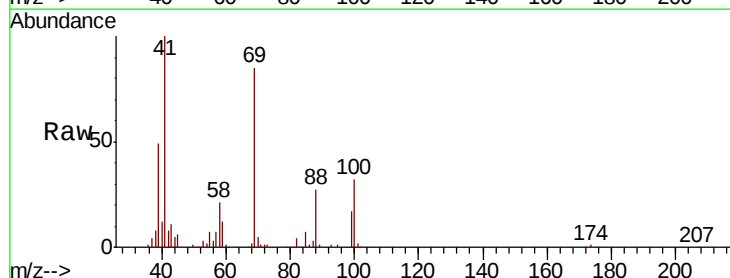
Tgt Ion: 41 Resp: 95240

Ion Ratio Lower Upper

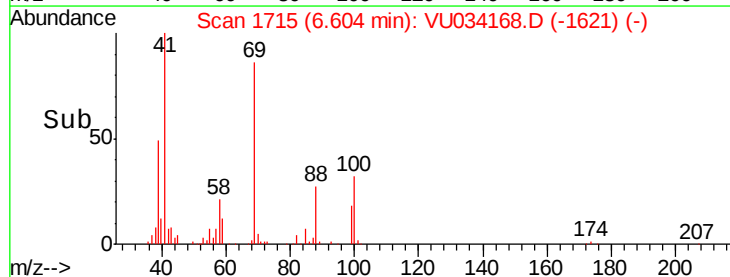
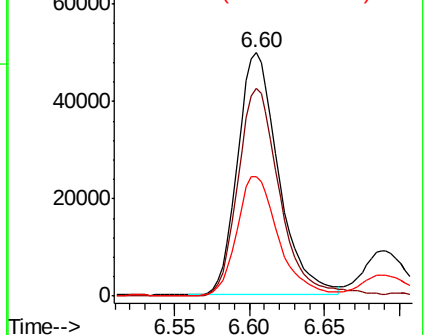
41 100

69 87.8 69.5 104.3

39 49.4 40.3 60.5



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

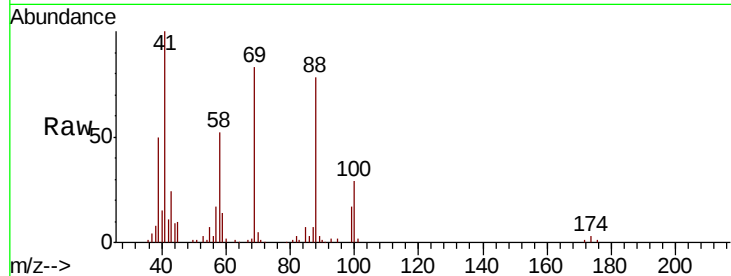




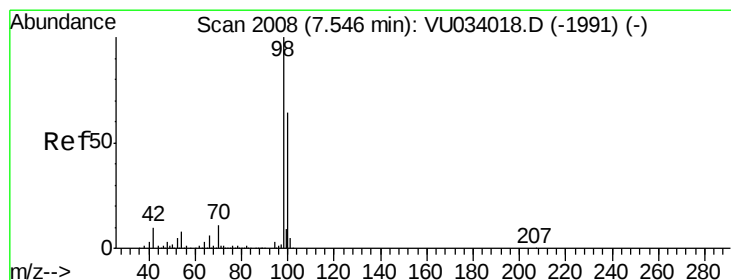
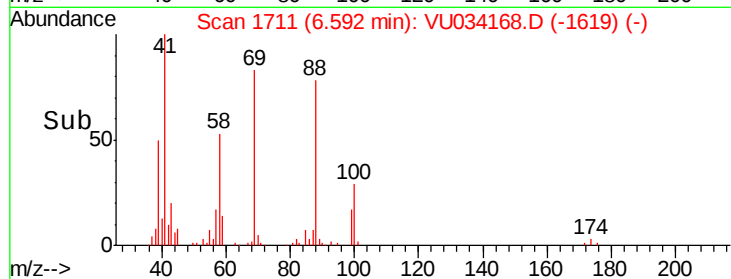
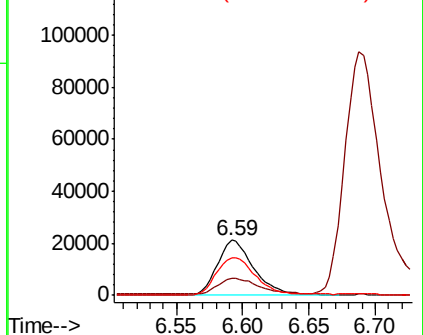
#49  
1,4-Dioxane  
Concen: 319.098 ug/l  
RT: 6.59 min Scan# 1711  
Delta R.T. -0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 88 Resp: 40756  
Ion Ratio Lower Upper  
88 100  
43 29.0 24.8 37.2  
58 74.1 59.3 88.9

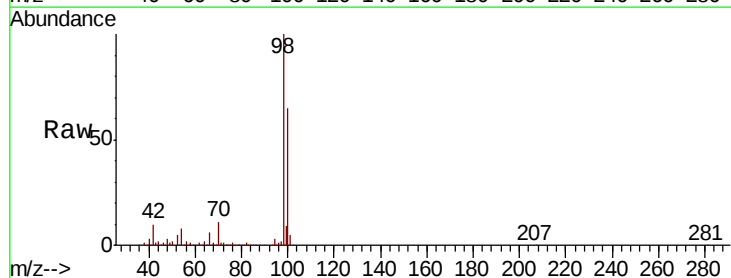


Abundance Ion 88.00 (87.70 to 88.70): VU0  
Ion 43.00 (42.70 to 43.70): VU0  
Ion 58.00 (57.70 to 58.70): VU0

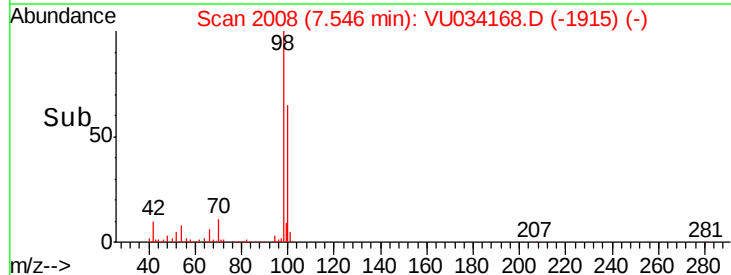
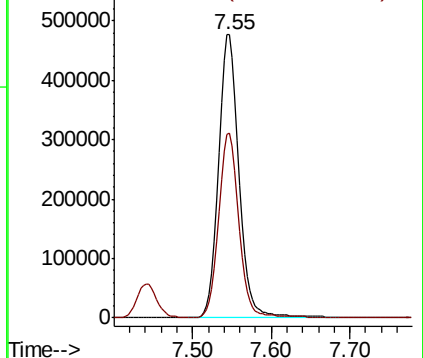


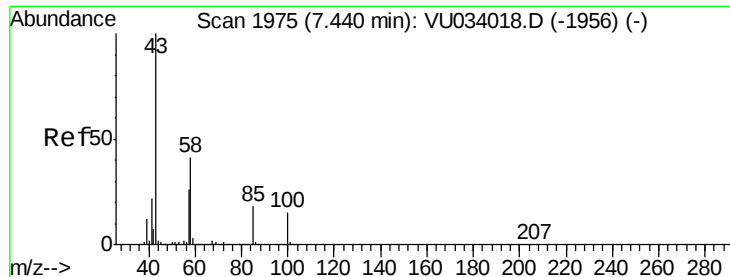
#50  
Toluene-d8  
Concen: 49.995 ug/l  
RT: 7.55 min Scan# 2008  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Tgt Ion: 98 Resp: 851175  
Ion Ratio Lower Upper  
98 100  
100 64.5 50.3 75.5



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

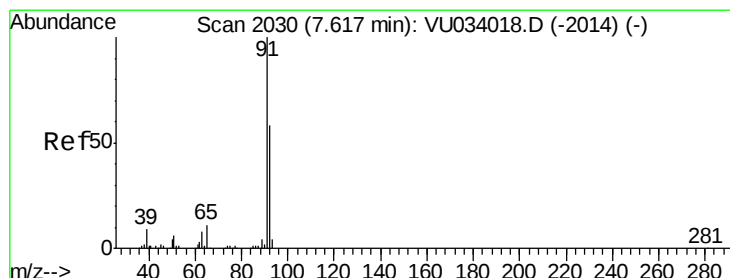
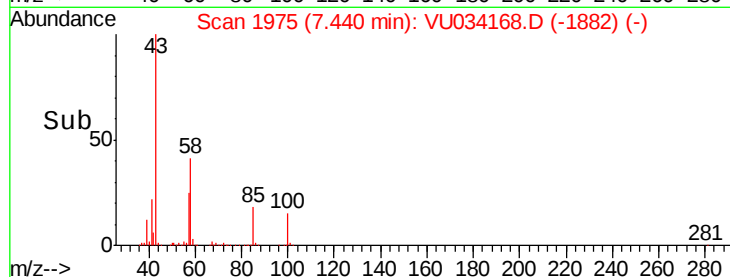
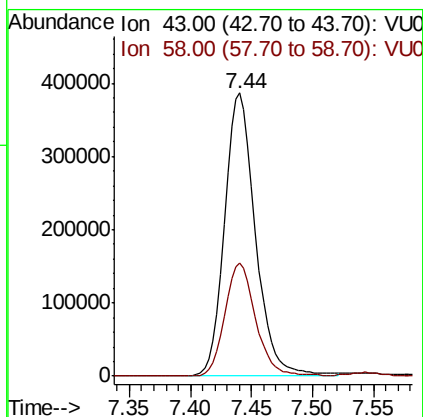
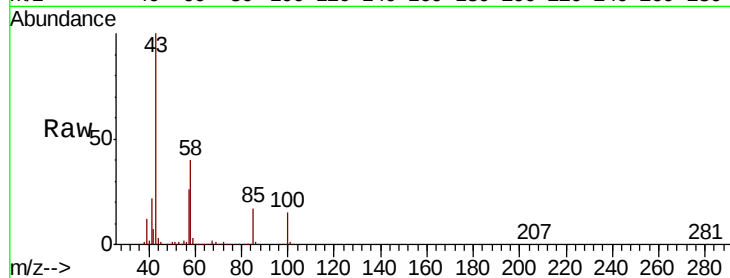




#51  
 4-Methyl-2-Pentanone  
 Concen: 93.597 ug/l  
 RT: 7.44 min Scan# 1975  
 Delta R.T. 0.00 min  
 Lab File: VU034168.D  
 Acq: 01 Sep 2019 14:56

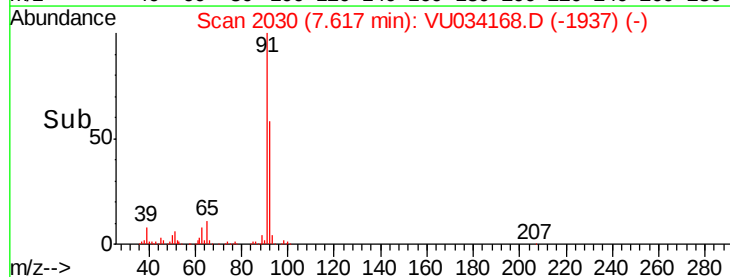
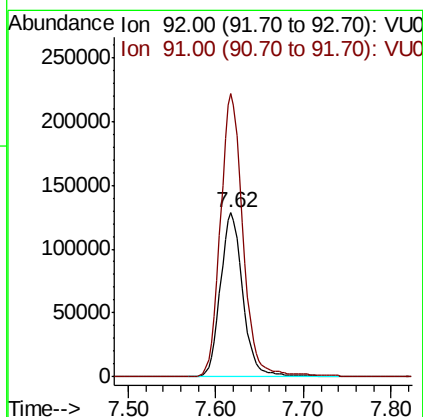
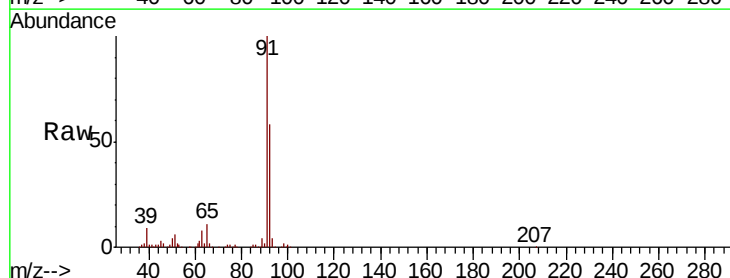
Instrument :  
 MSVOA\_U  
 ClientSampled :

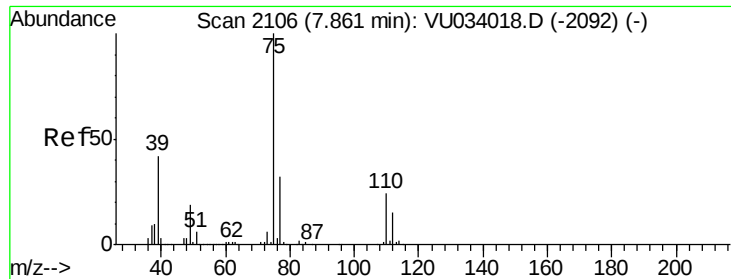
Tot Ion: 43 Resp: 682830  
 Ion Ratio Lower Upper  
 43 100  
 58 40.0 32.2 48.4



#52  
 Toluene  
 Concen: 19.890 ug/l  
 RT: 7.62 min Scan# 2030  
 Delta R.T. 0.00 min  
 Lab File: VU034168.D  
 Acq: 01 Sep 2019 14:56

Tgt Ion: 92 Resp: 229866  
 Ion Ratio Lower Upper  
 92 100  
 91 173.7 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 18.178 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

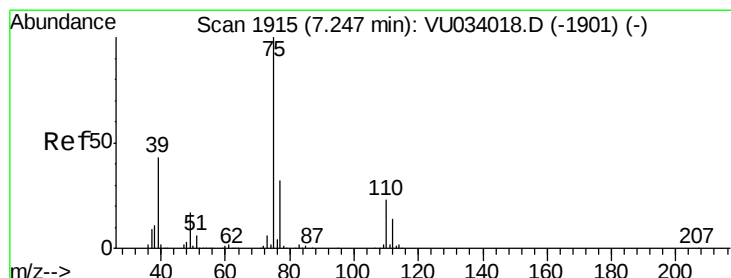
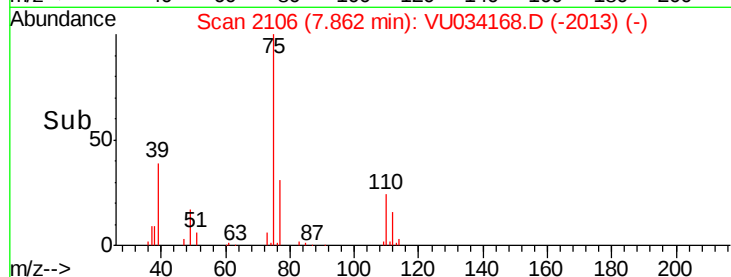
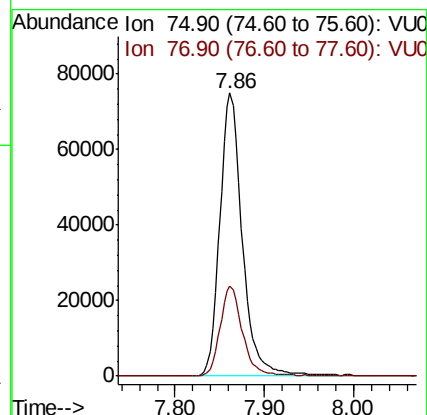
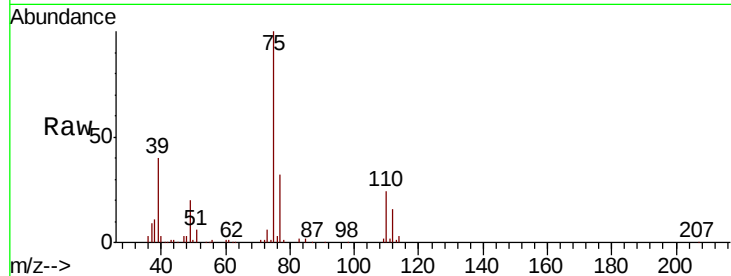
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 75 Resp: 131301

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.939 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

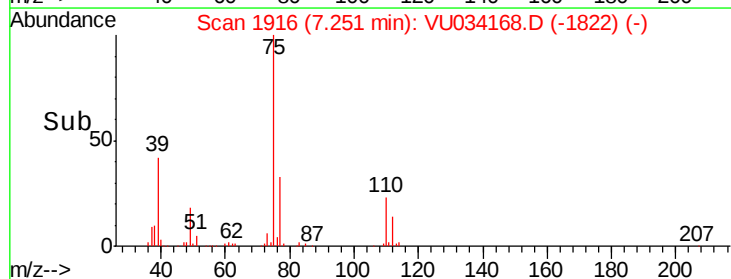
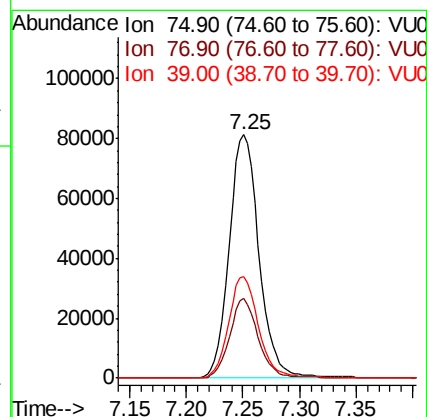
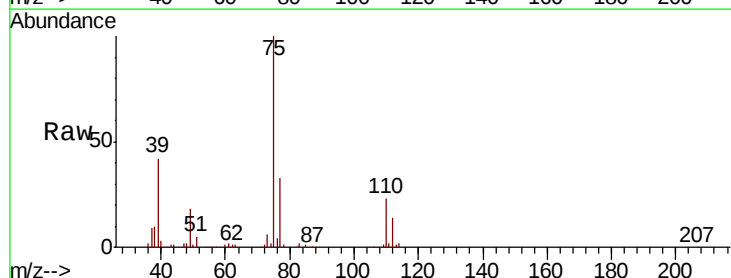
Tgt Ion: 75 Resp: 149453

Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8

39 41.4 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 19.404 ug/l

RT: 8.05 min Scan# 2164

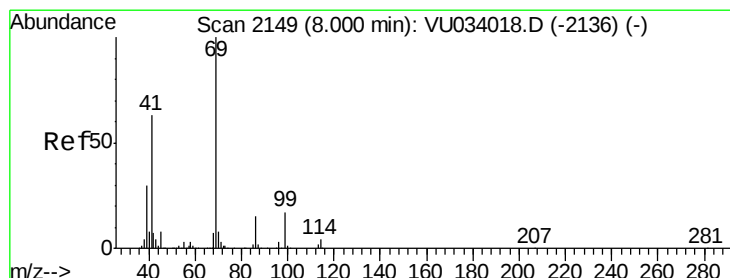
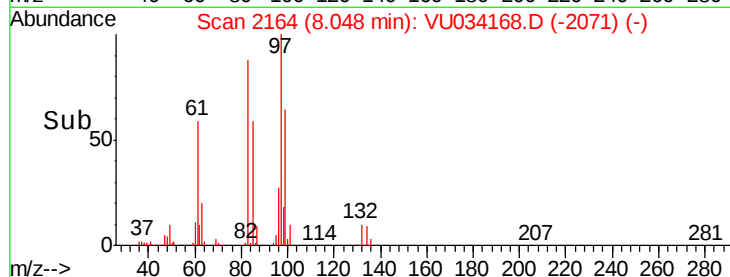
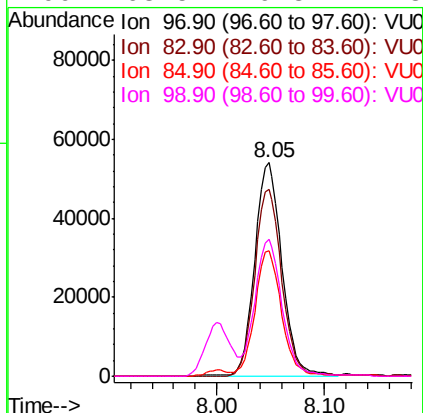
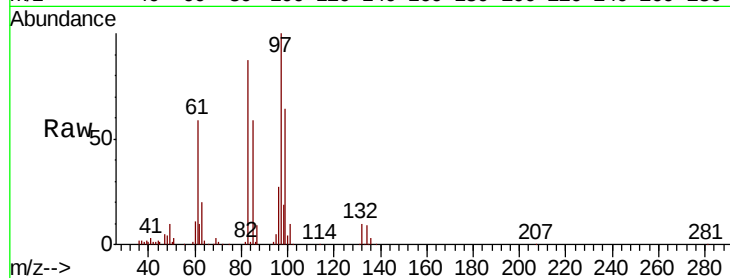
Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :  
MSVOA\_U  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 94857 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.5  | 70.1  | 105.1 |
| 85       | 58.5  | 45.0  | 67.4  |
| 99       | 63.5  | 49.8  | 74.8  |



#56

Ethyl methacrylate

Concen: 17.229 ug/l

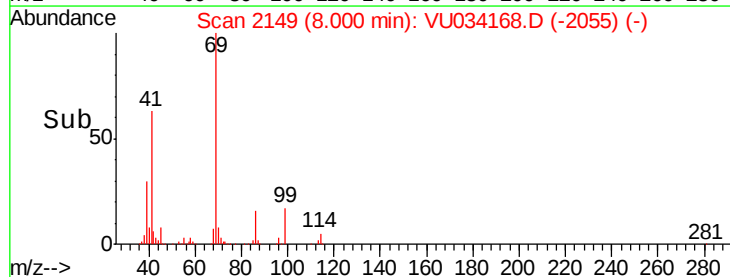
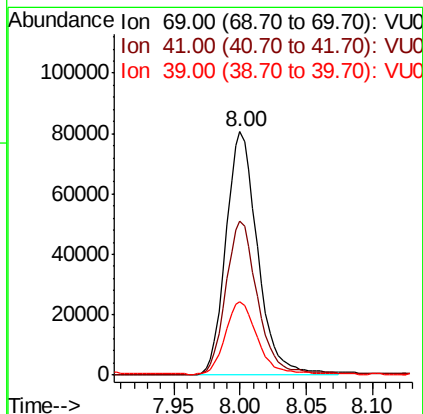
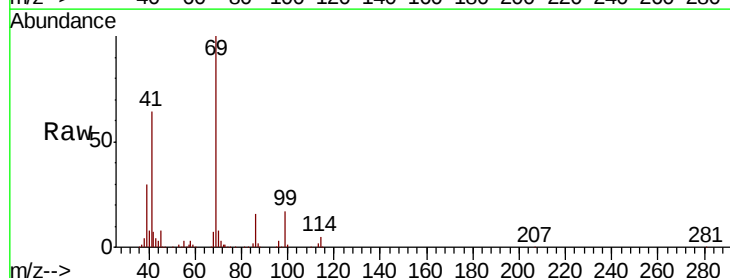
RT: 8.00 min Scan# 2149

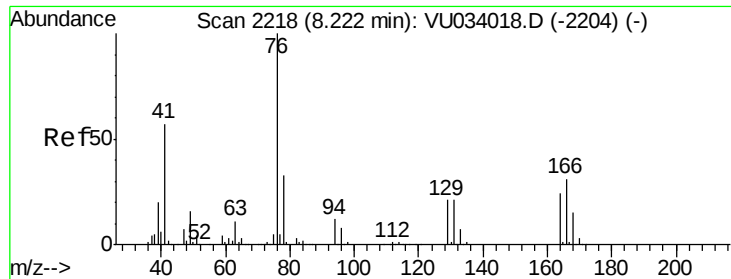
Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 134436 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 62.5  | 50.7  | 76.1   |
| 39       | 29.8  | 24.2  | 36.2   |





#57

1,3-Dichloropropane

Concen: 19.452 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

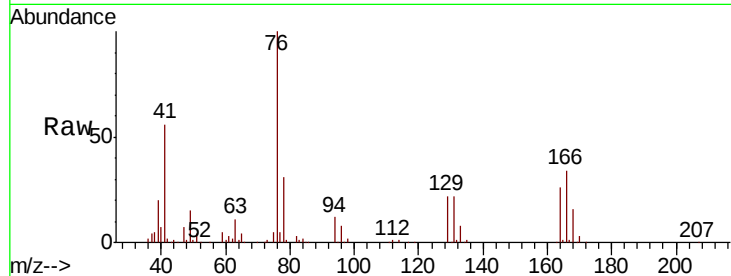
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 76 Resp: 161456

Ion Ratio Lower Upper

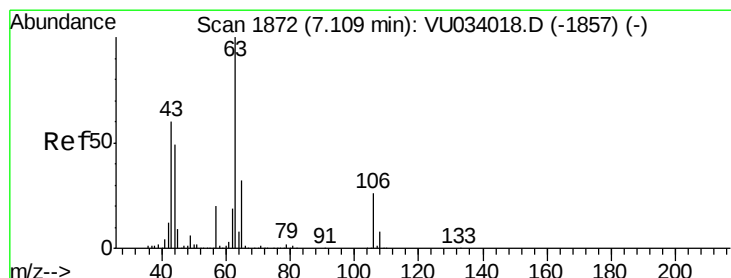
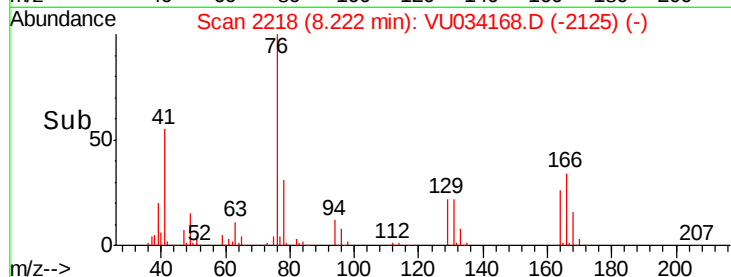
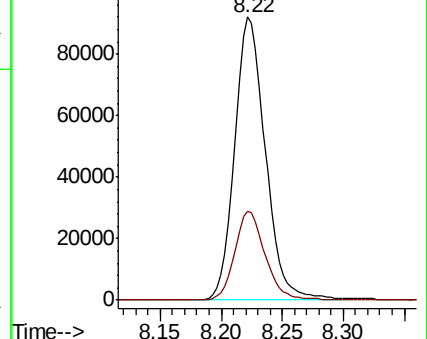
76 100

78 31.1 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VU034168.D (-2204) (-)

Ion 77.90 (77.60 to 78.60): VU034168.D (-2204) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 79.614 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VU034168.D

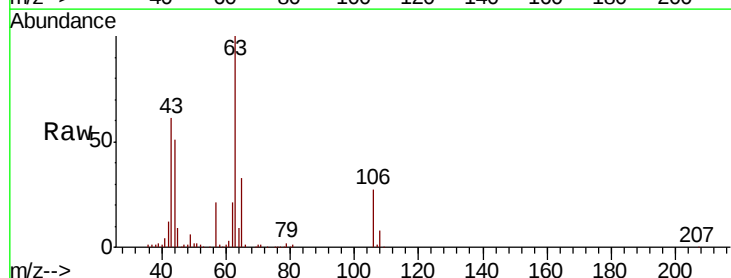
Acq: 01 Sep 2019 14:56

Tgt Ion: 63 Resp: 215311

Ion Ratio Lower Upper

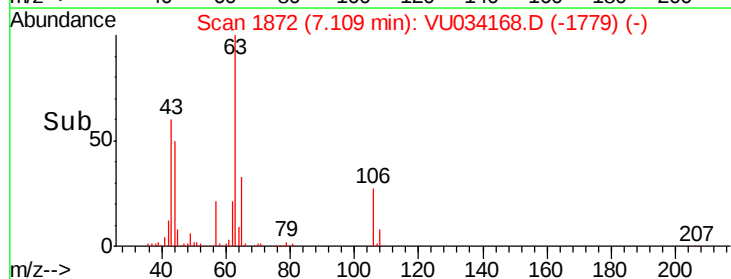
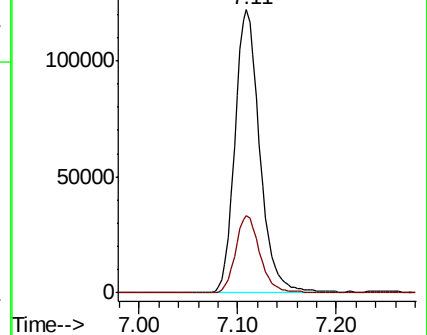
63 100

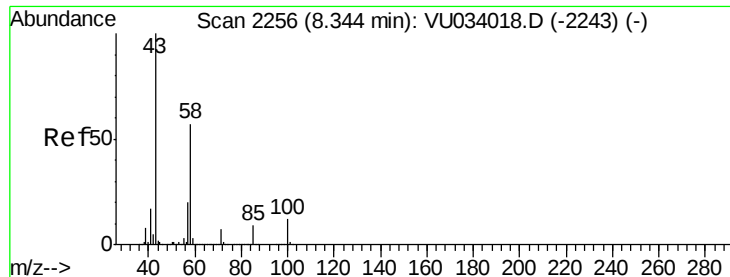
106 26.8 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VU034168.D (-1857) (-)

Ion 105.90 (105.60 to 106.60): VU034168.D (-1857) (-)

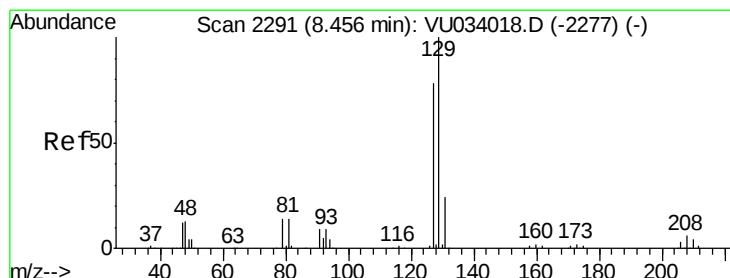
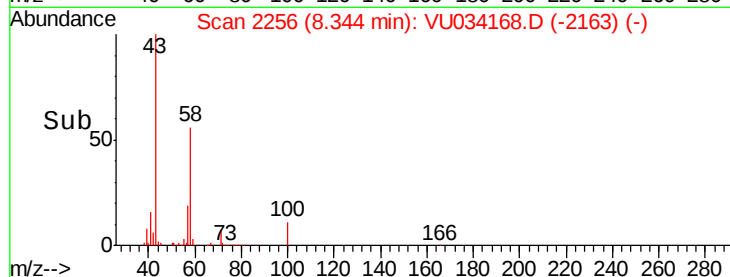
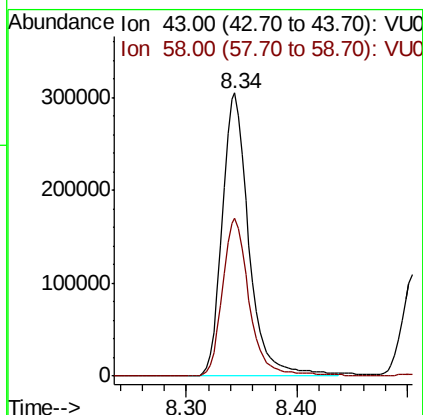
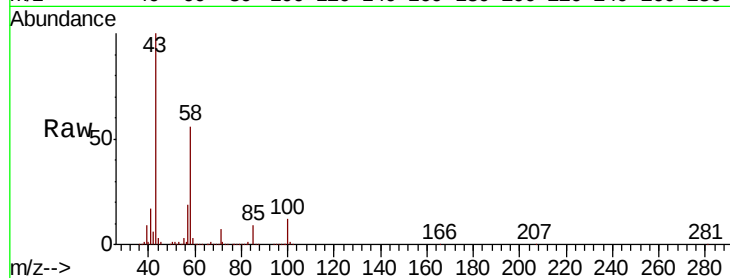




#59  
2-Hexanone  
Concen: 92.414 ug/l  
RT: 8.34 min Scan# 2256  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

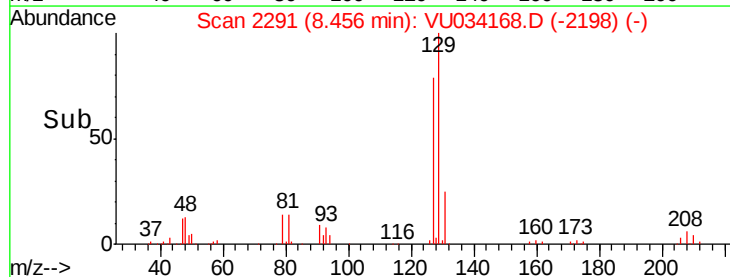
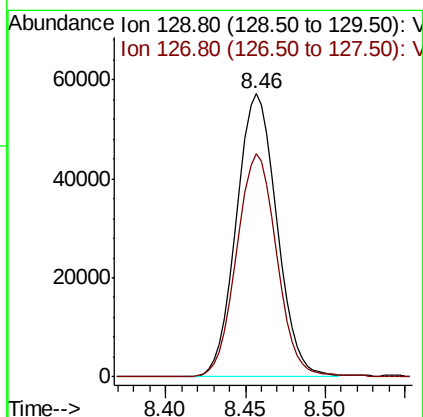
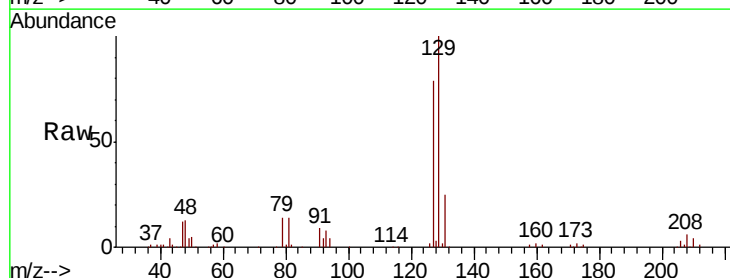
Instrument :  
MSVOA\_U  
ClientSampleId :

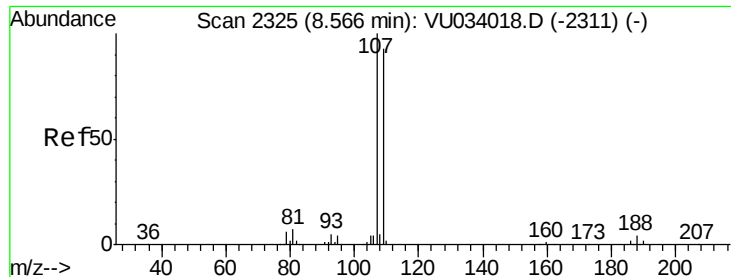
Tot Ion: 43 Resp: 508956  
Ion Ratio Lower Upper  
43 100  
58 56.7 28.4 85.3



#60  
Dibromochloromethane  
Concen: 18.815 ug/l  
RT: 8.46 min Scan# 2291  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Tgt Ion: 129 Resp: 98731  
Ion Ratio Lower Upper  
129 100  
127 78.3 39.0 116.9





#61

1,2-Dibromoethane

Concen: 18.433 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :

MSVOA\_U

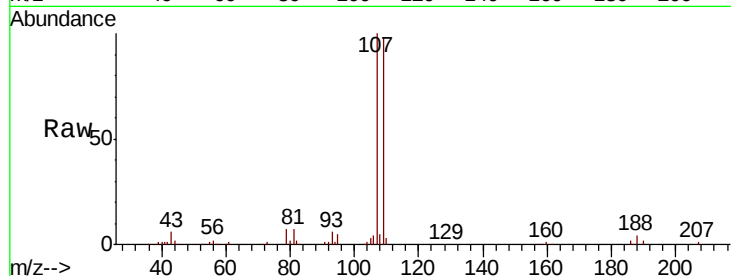
ClientSampleId :

Tot Ion:107 Resp: 94922

Ion Ratio Lower Upper

107 100

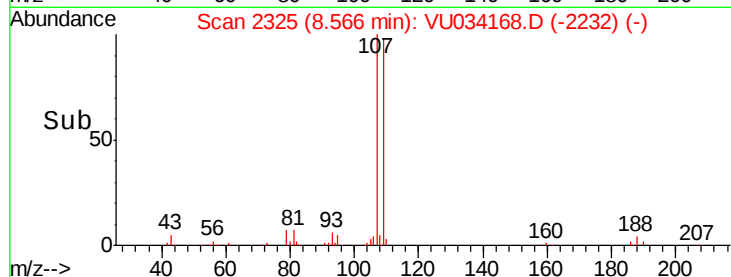
109 94.9 75.2 112.8



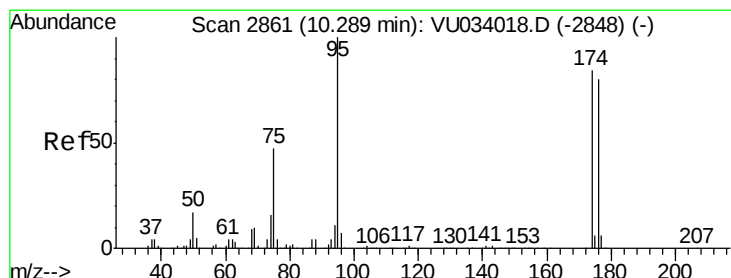
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.57



Time-->



#62

4-Bromofluorobenzene

Concen: 47.347 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

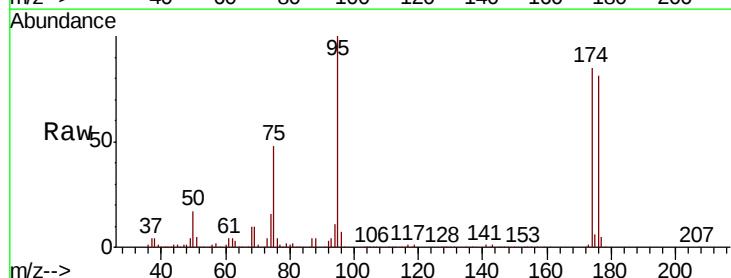
Tgt Ion: 95 Resp: 313558

Ion Ratio Lower Upper

95 100

174 85.3 0.0 168.8

176 81.2 0.0 161.8

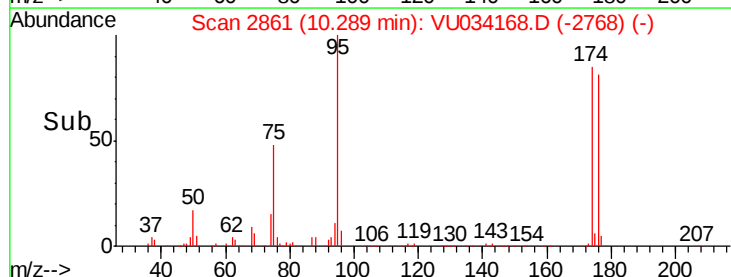


Abundance Ion 94.90 (94.60 to 95.60): VU0

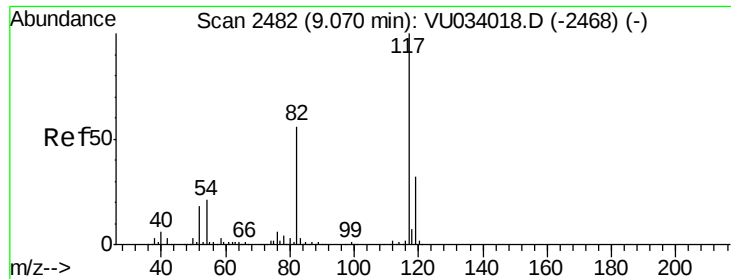
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.29



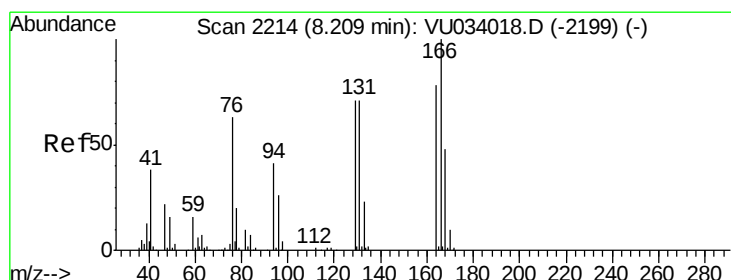
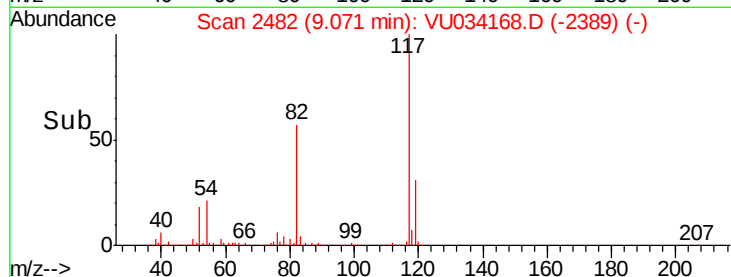
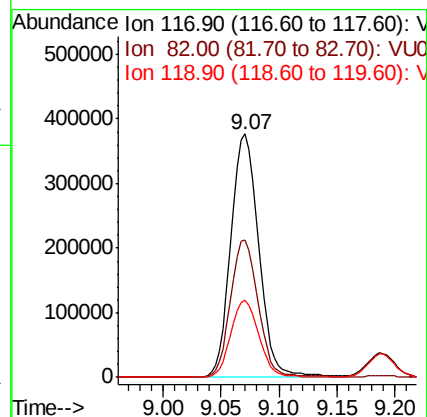
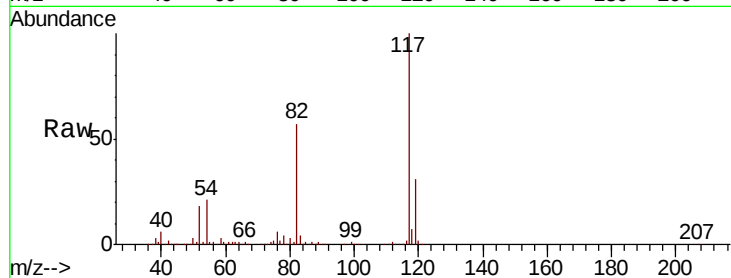
Time-->



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.07 min Scan# 2482  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

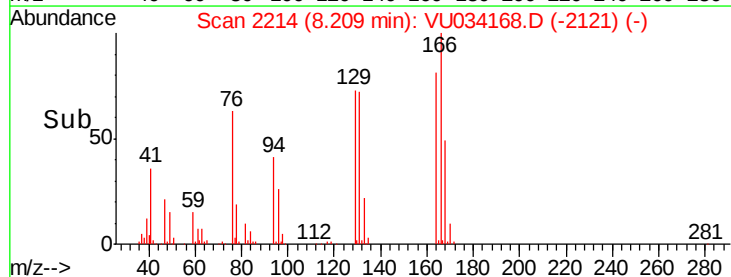
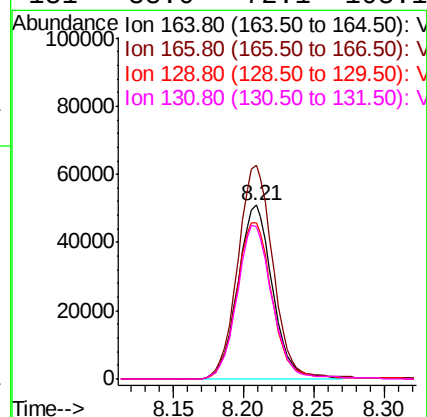
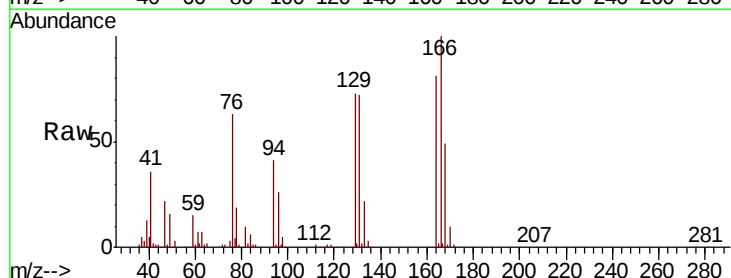
Instrument :  
MSVOA\_U  
ClientSampleId :

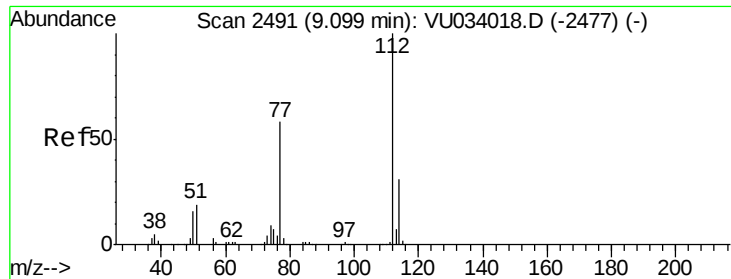
Tot Ion:117 Resp: 629295  
Ion Ratio Lower Upper  
117 100  
82 56.6 45.1 67.7  
119 31.5 25.4 38.0



#64  
Tetrachloroethene  
Concen: 20.805 ug/l  
RT: 8.21 min Scan# 2214  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Tgt Ion:164 Resp: 87926  
Ion Ratio Lower Upper  
164 100  
166 122.9 102.2 153.2  
129 90.2 72.4 108.6  
131 88.0 72.1 108.1

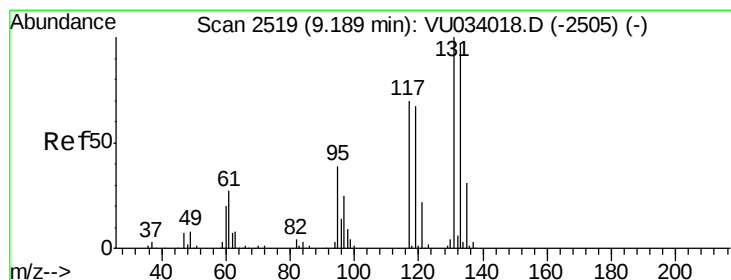
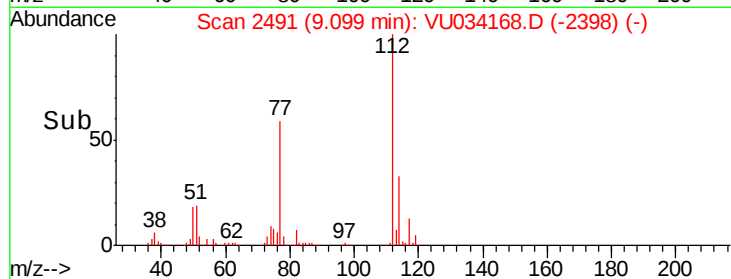
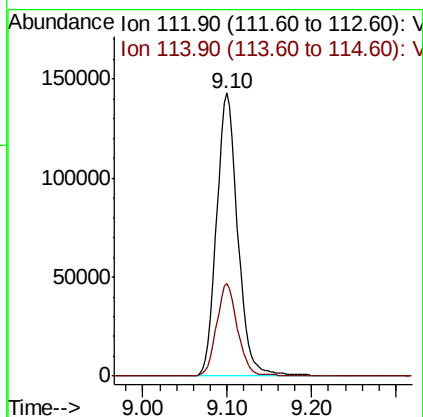
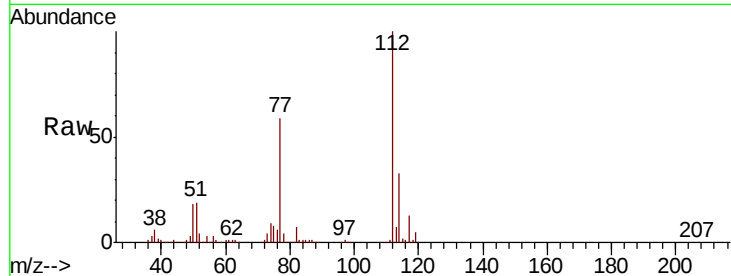




#65  
Chlorobenzene  
Concen: 19.344 ug/l  
RT: 9.10 min Scan# 2491  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

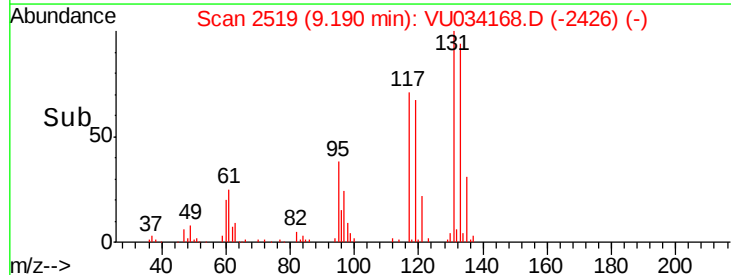
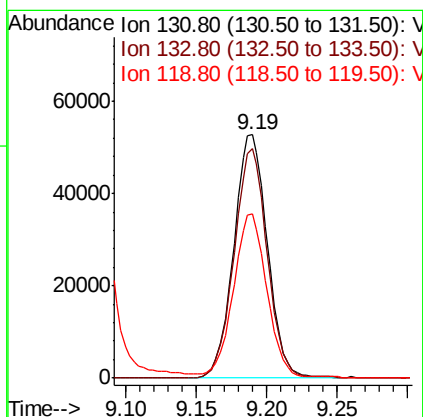
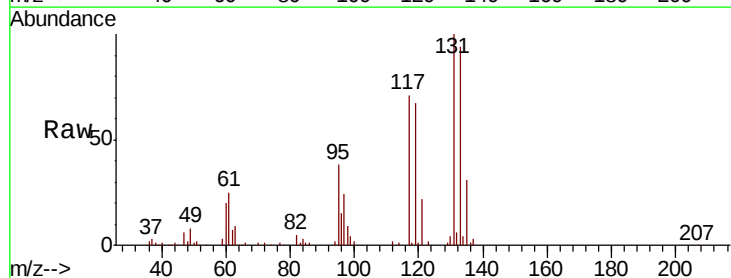
Instrument :  
MSVOA\_U  
ClientSampleId :

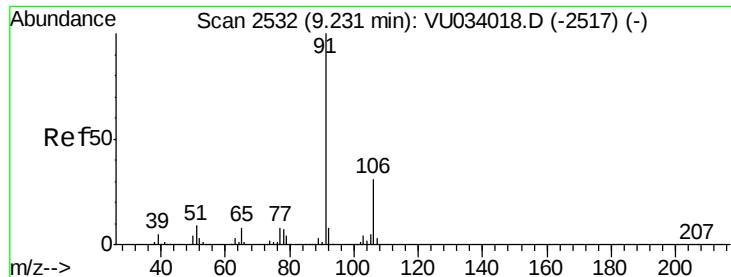
Tot Ion:112 Resp: 250509  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.754 ug/l  
RT: 9.19 min Scan# 2519  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Tgt Ion:131 Resp: 88066  
Ion Ratio Lower Upper  
131 100  
133 93.5 48.4 145.2  
119 66.1 33.6 100.6

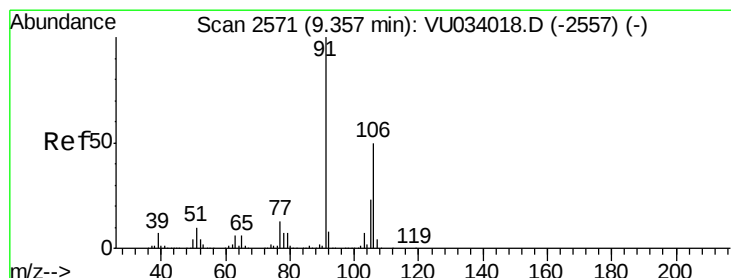
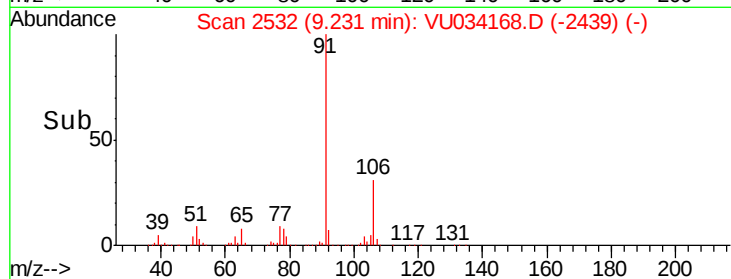
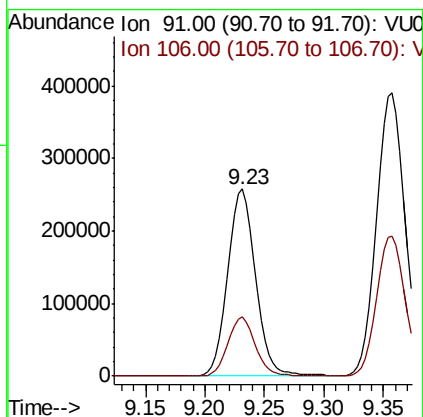
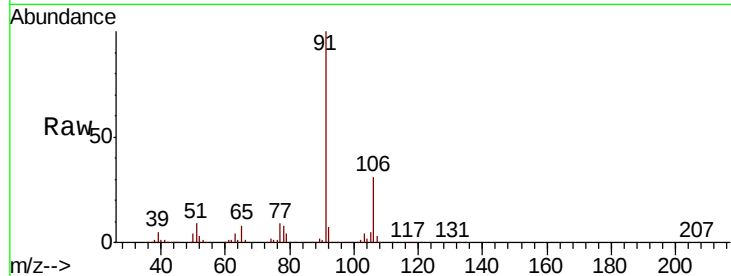




#67  
Ethyl Benzene  
Concen: 19.219 ug/l  
RT: 9.23 min Scan# 2532  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

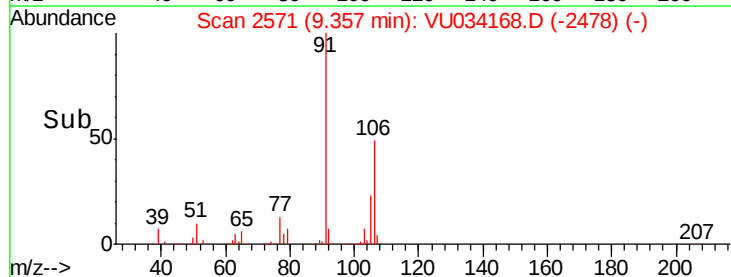
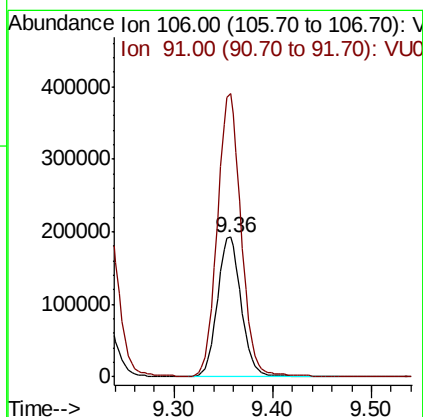
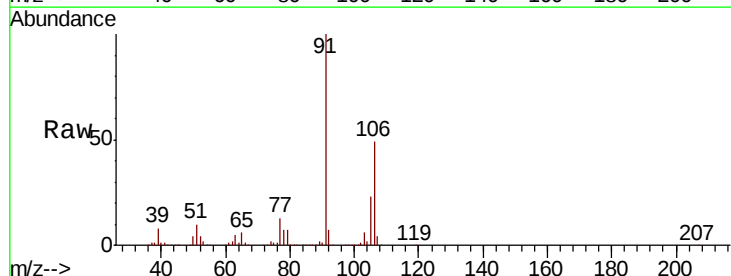
Instrument :  
MSVOA\_U  
ClientSampled :

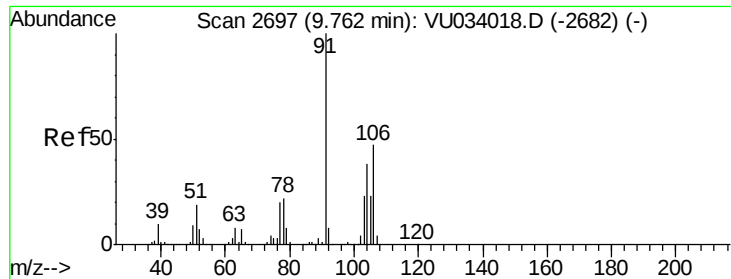
Tot Ion: 91 Resp: 421897  
Ion Ratio Lower Upper  
91 100  
106 31.5 24.9 37.3



#68  
m/p-Xylenes  
Concen: 39.158 ug/l  
RT: 9.36 min Scan# 2571  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Tgt Ion: 106 Resp: 326861  
Ion Ratio Lower Upper  
106 100  
91 201.9 161.6 242.4

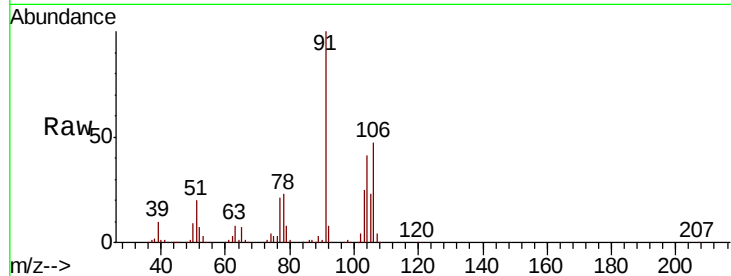




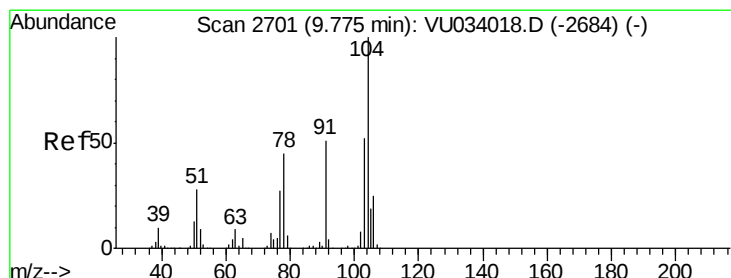
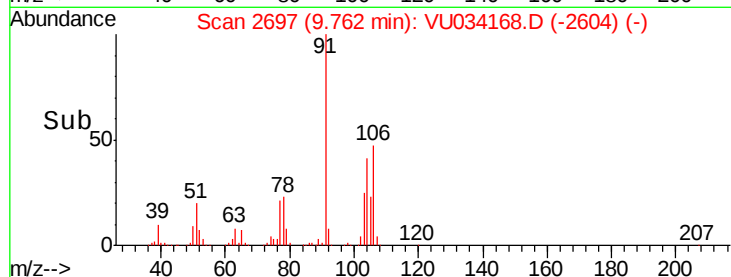
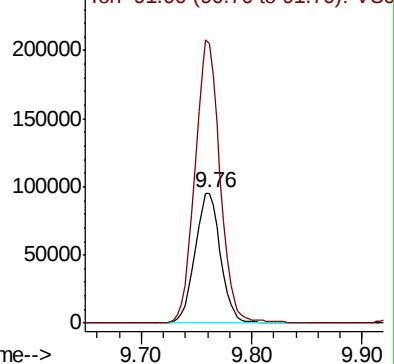
#69  
o-Xylene  
Concen: 19.141 ug/l  
RT: 9.76 min Scan# 2697  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion:106 Resp: 153283  
Ion Ratio Lower Upper  
106 100  
91 213.8 106.0 318.0

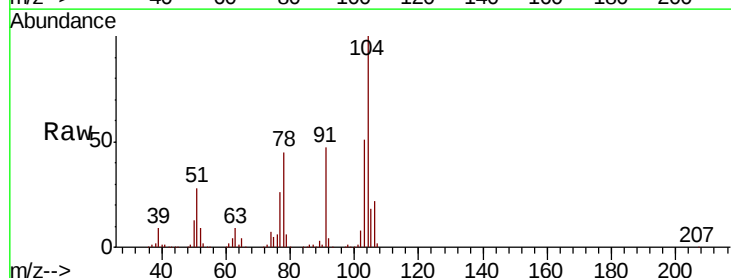


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VU0

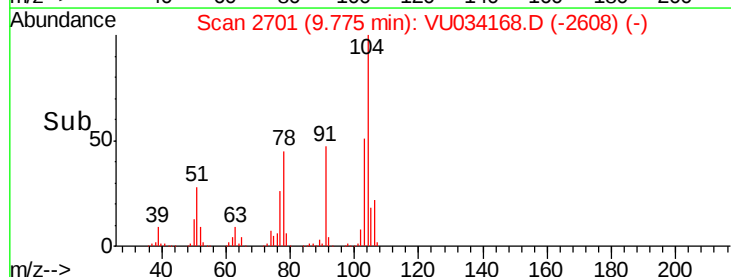
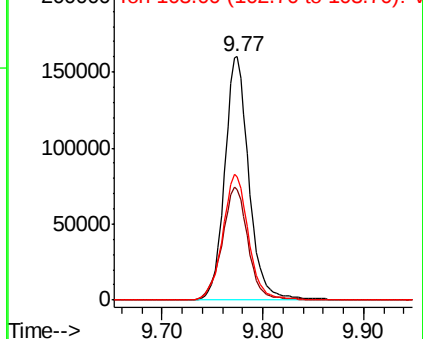


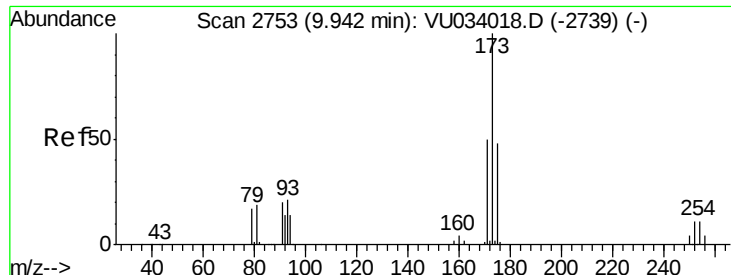
#70  
Styrene  
Concen: 19.581 ug/l  
RT: 9.77 min Scan# 2701  
Delta R.T. 0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Tgt Ion:104 Resp: 268867  
Ion Ratio Lower Upper  
104 100  
78 49.6 39.0 58.4  
103 54.9 44.0 66.0



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





#71

Bromoform

Concen: 17.928 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :  
MSVOA\_U  
ClientSampleId :

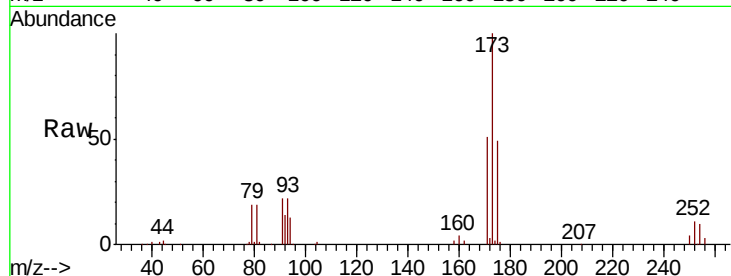
Tot Ion:173 Resp: 73147

Ion Ratio Lower Upper

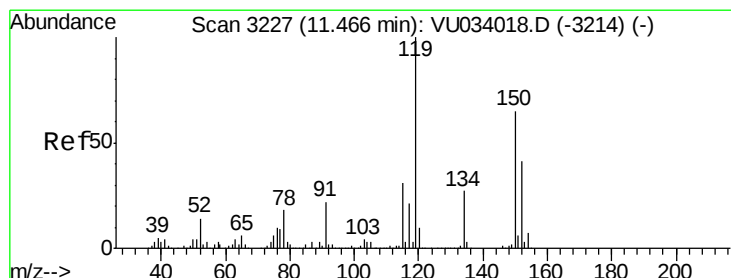
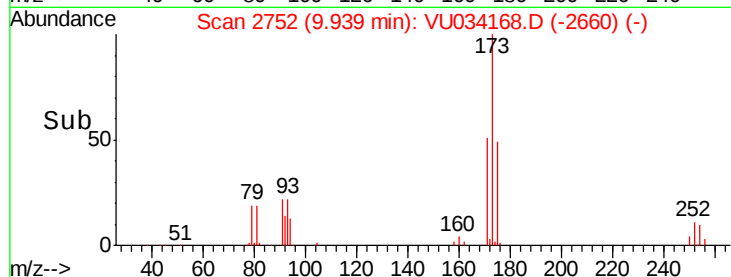
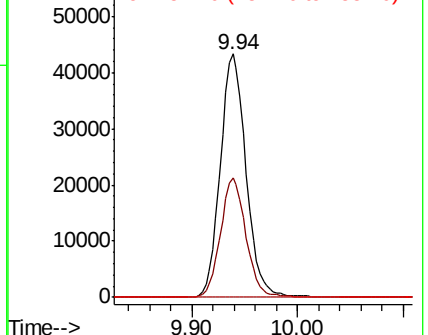
173 100

175 48.4 24.6 73.6

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

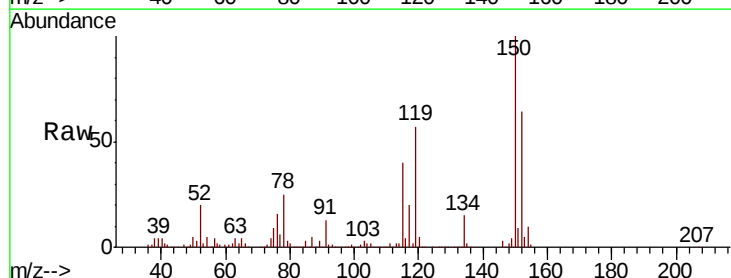
Tgt Ion:152 Resp: 336922

Ion Ratio Lower Upper

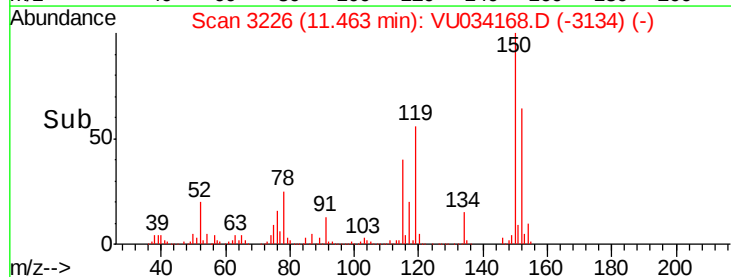
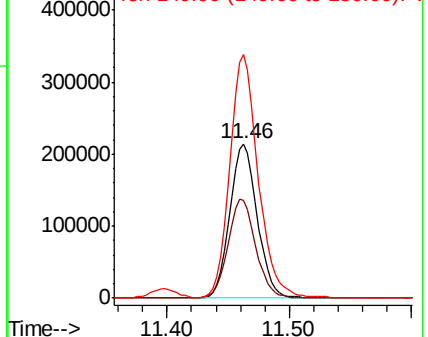
152 100

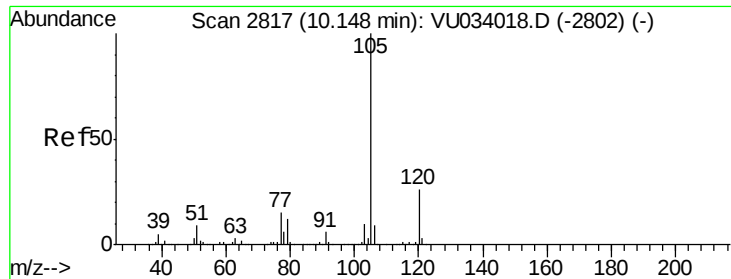
115 65.1 41.1 123.3

150 161.8 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: 18.574 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :

MSVOA\_U

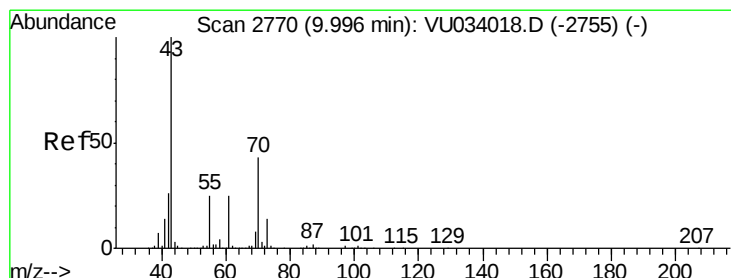
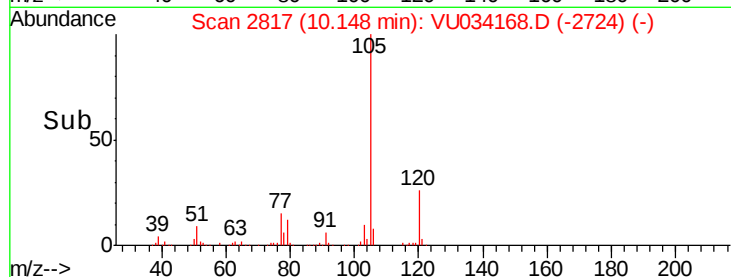
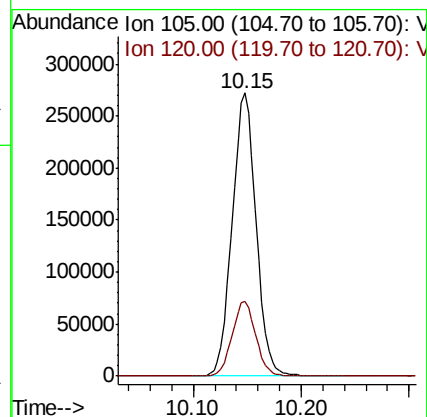
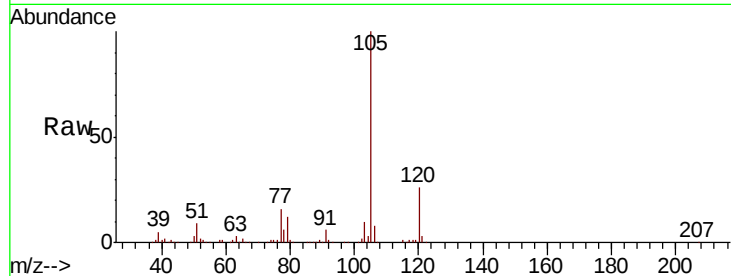
ClientSampleId :

Tot Ion:105 Resp: 420336

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



#74

N-ethyl acetate

Concen: 17.819 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Tgt Ion: 43 Resp: 169609

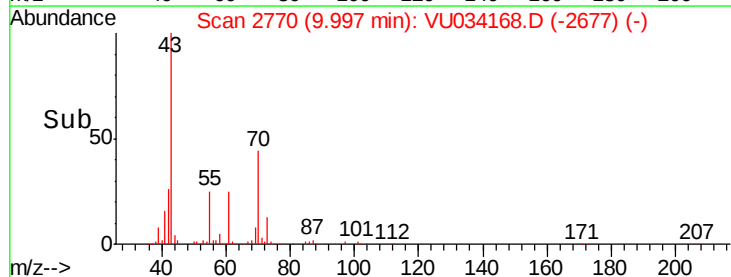
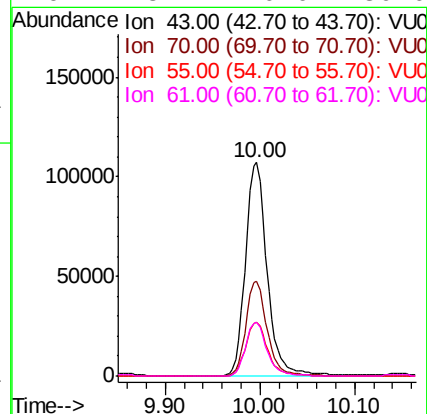
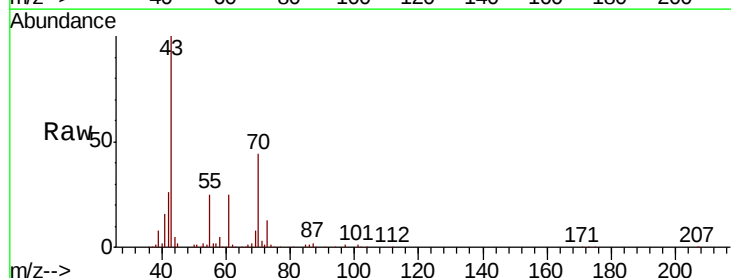
Ion Ratio Lower Upper

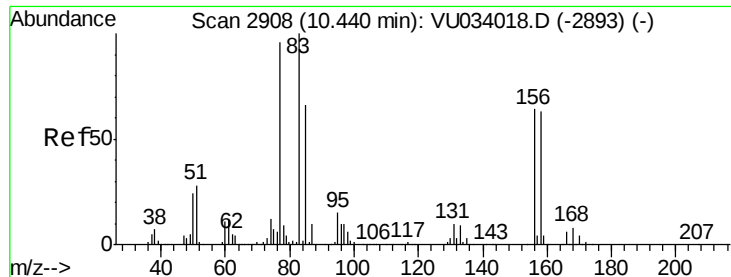
43 100

70 43.8 35.2 52.8

55 25.8 20.5 30.7

61 25.1 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.266 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :

MSVOA\_U

ClientSampled :

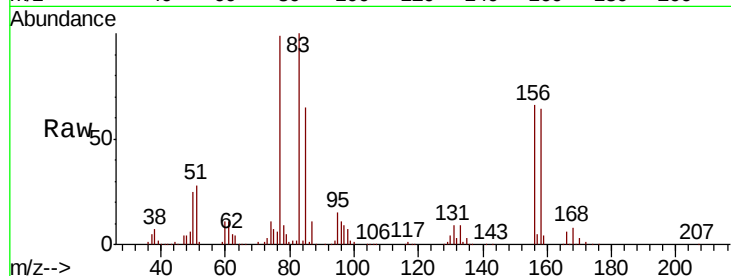
Tot Ion: 83 Resp: 158215

Ion Ratio Lower Upper

83 100

131 9.1 5.0 14.9

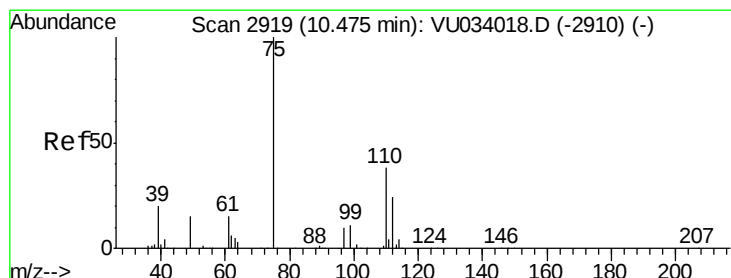
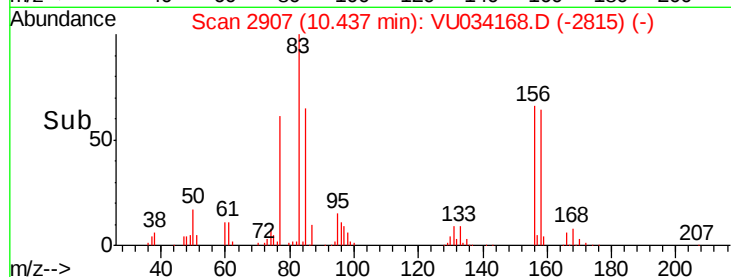
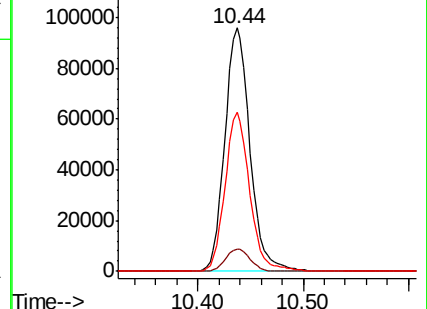
85 63.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VU034168.D (-2893) (-)

Ion 130.80 (130.50 to 131.50): VU034168.D (-2893) (-)

Ion 84.90 (84.60 to 85.60): VU034168.D (-2893) (-)



#76

1,2,3-Trichloropropane

Concen: 22.411 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034168.D

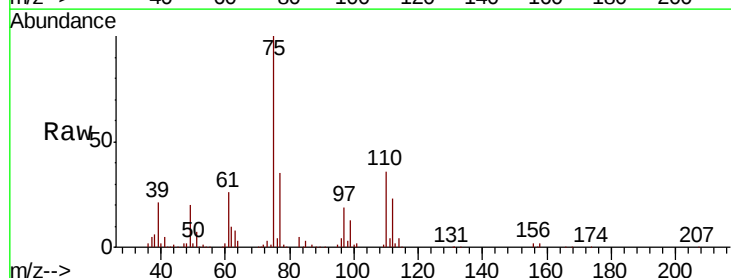
Acq: 01 Sep 2019 14:56

Tgt Ion: 75 Resp: 170180

Ion Ratio Lower Upper

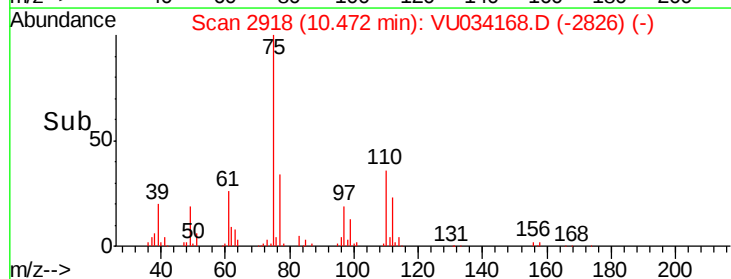
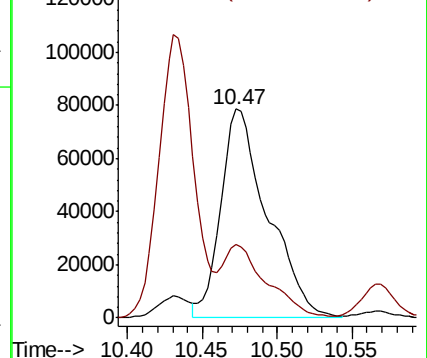
75 100

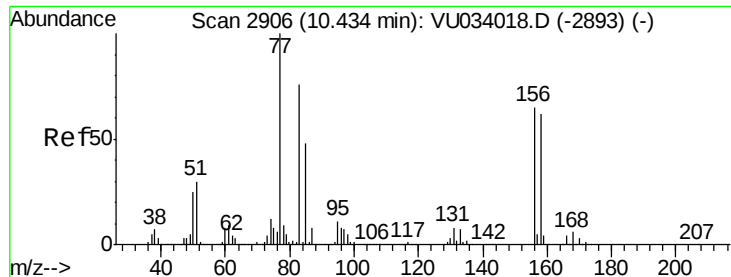
77 32.3 20.1 60.2



Abundance Ion 74.90 (74.60 to 75.60): VU034168.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034168.D (-2826) (-)





#77

Bromobenzene

Concen: 18.517 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :

MSVOA\_U

ClientSampleId :

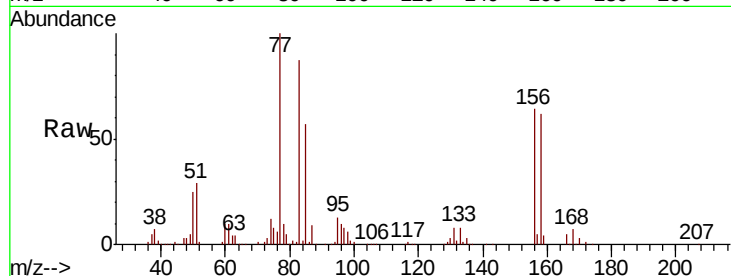
Tot Ion:156 Resp: 112728

Ion Ratio Lower Upper

156 100

77 155.1 76.8 230.5

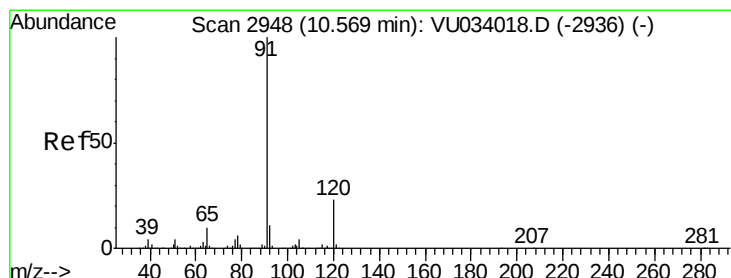
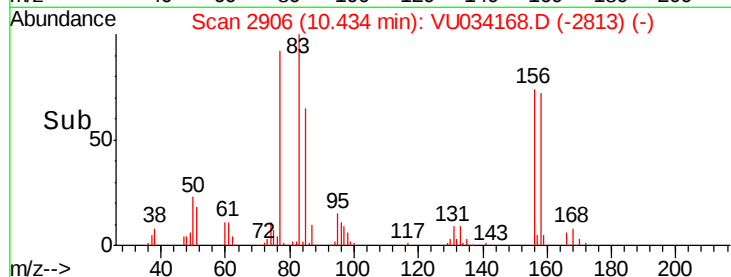
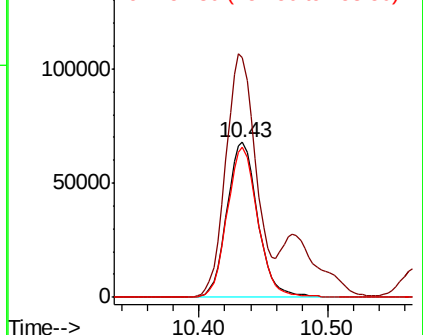
158 96.2 48.4 145.0



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: 18.563 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU034168.D

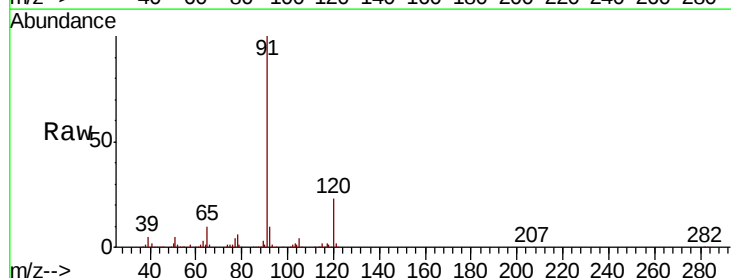
Acq: 01 Sep 2019 14:56

Tgt Ion: 91 Resp: 489251

Ion Ratio Lower Upper

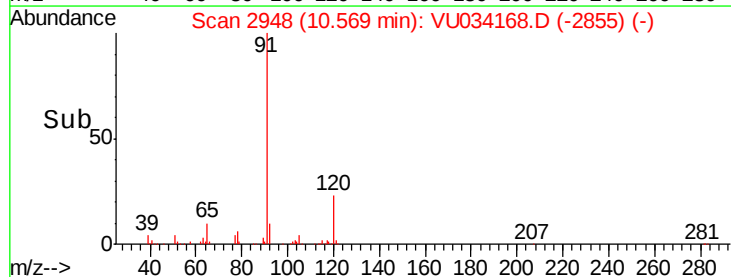
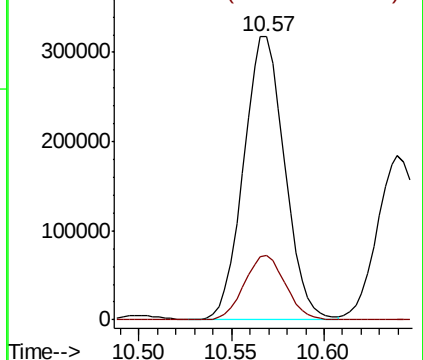
91 100

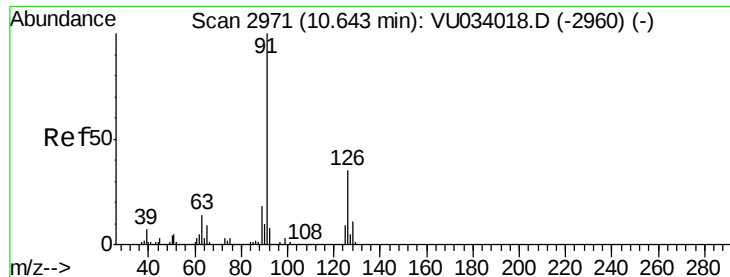
120 22.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.775 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. -0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :

MSVOA\_U

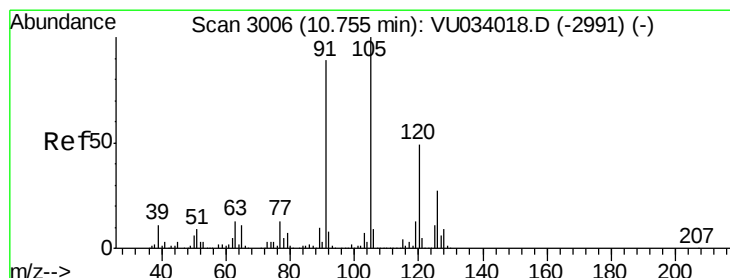
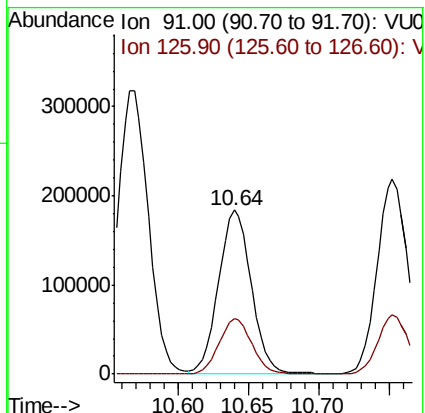
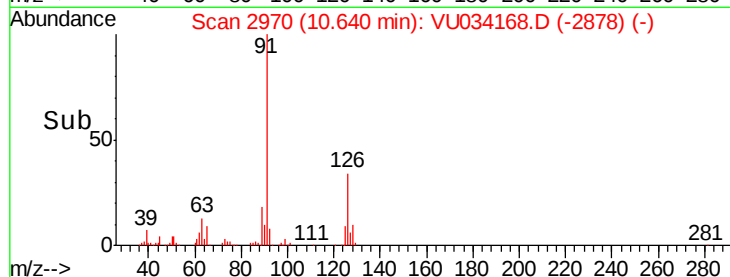
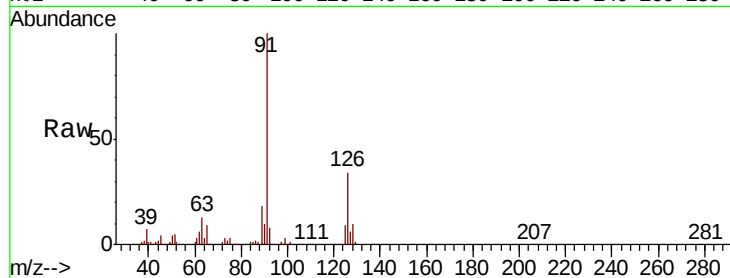
ClientSampleId :

Tot Ion: 91 Resp: 296796

Ion Ratio Lower Upper

91 100

126 34.0 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 18.933 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034168.D

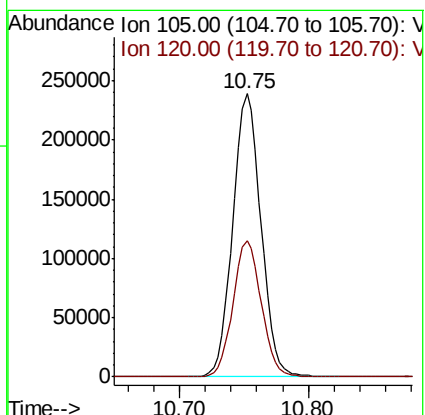
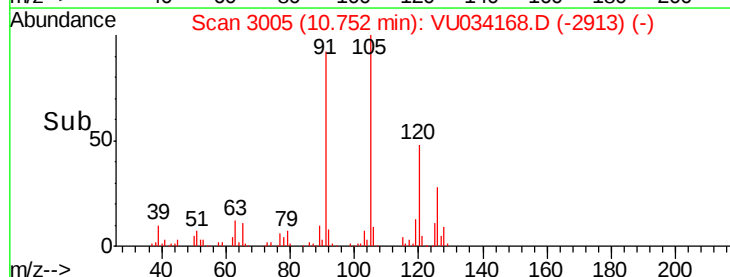
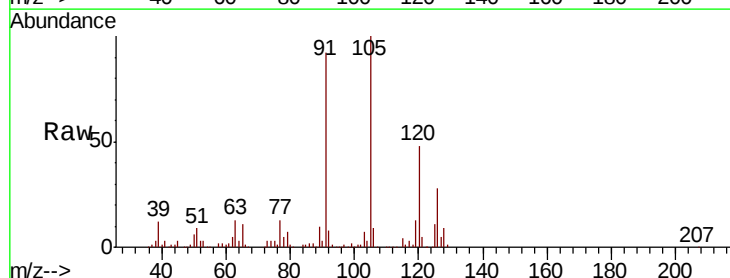
Acq: 01 Sep 2019 14:56

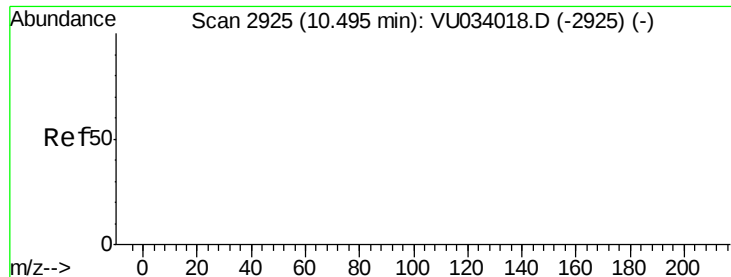
Tgt Ion: 105 Resp: 363151

Ion Ratio Lower Upper

105 100

120 48.4 24.6 73.6

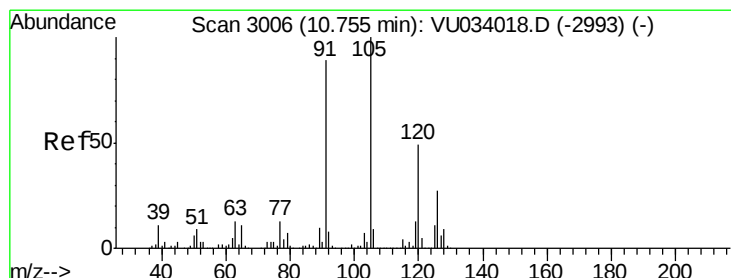
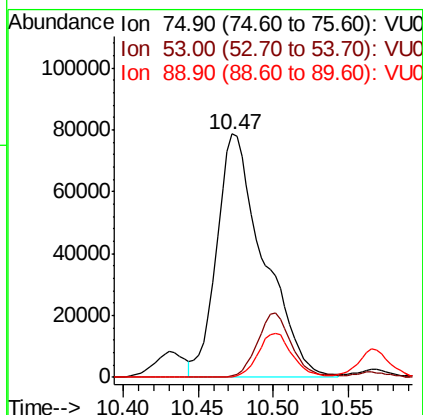
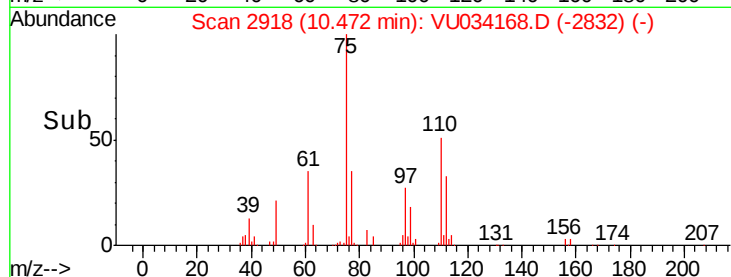
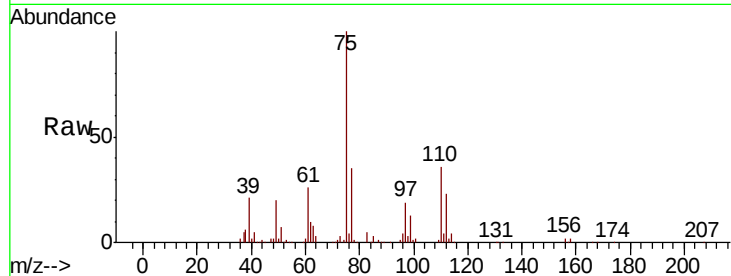




#81  
trans-1,4-Dichloro-2-butene  
Concen: 75.744 ug/l  
RT: 10.47 min Scan# 2918  
Delta R.T. -0.02 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

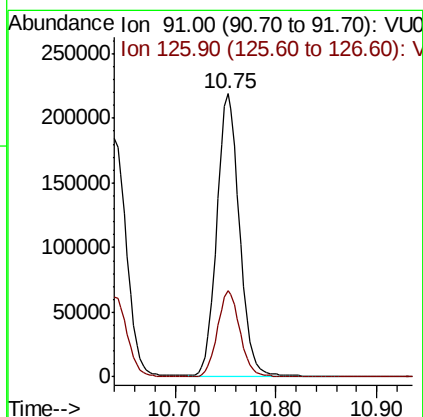
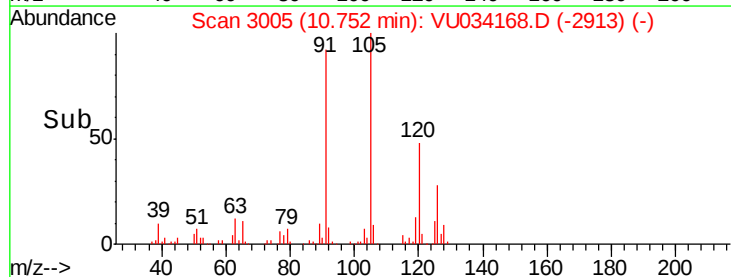
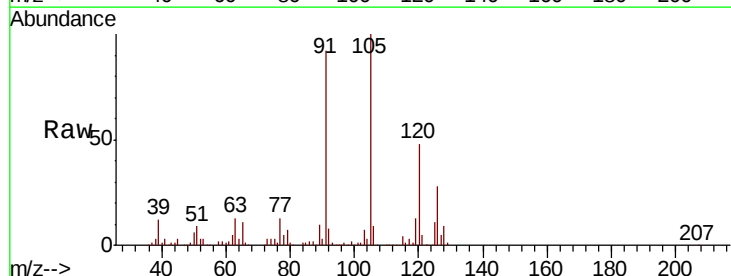
Instrument :  
MSVOA\_U  
ClientSampleId :

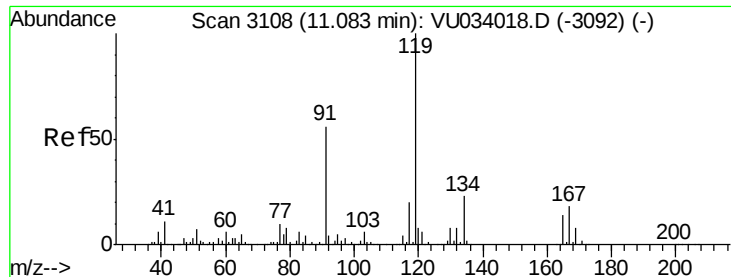
Tot Ion: 75 Resp: 170814  
Ion Ratio Lower Upper  
75 100  
53 0.0 0.0 0.0  
89 0.0 0.0 0.0



#82  
4-Chlorotoluene  
Concen: 18.784 ug/l  
RT: 10.75 min Scan# 3005  
Delta R.T. -0.00 min  
Lab File: VU034168.D  
Acq: 01 Sep 2019 14:56

Tgt Ion: 91 Resp: 341501  
Ion Ratio Lower Upper  
91 100  
126 30.5 15.0 45.1





#83

tert-Butylbenzene

Concen: 17.667 ug/l

RT: 11.08 min Scan# 3107

Delta R.T. -0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :

MSVOA\_U

ClientSampled :

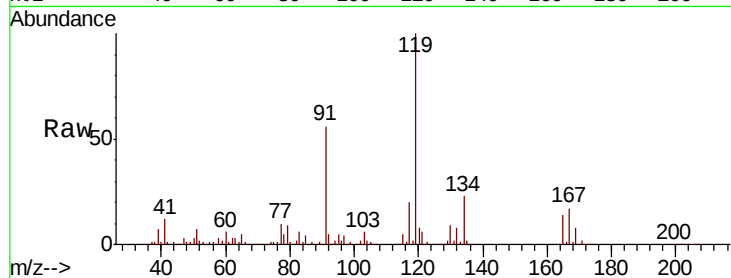
Tot Ion:119 Resp: 333589

Ion Ratio Lower Upper

119 100

91 56.8 27.9 83.6

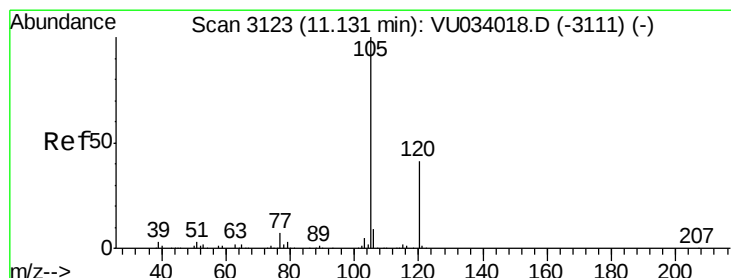
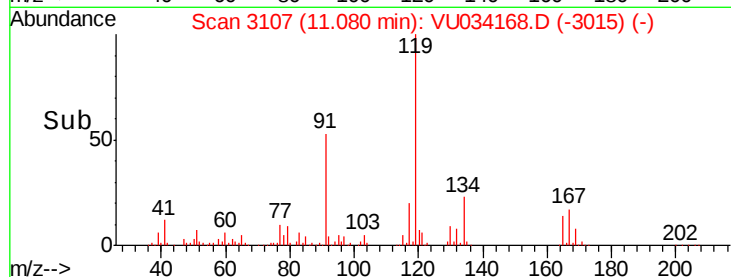
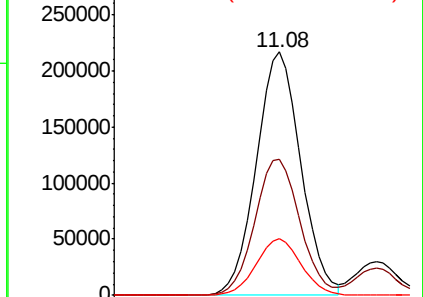
134 23.5 11.4 34.2



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: 18.940 ug/l

RT: 11.13 min Scan# 3122

Delta R.T. -0.00 min

Lab File: VU034168.D

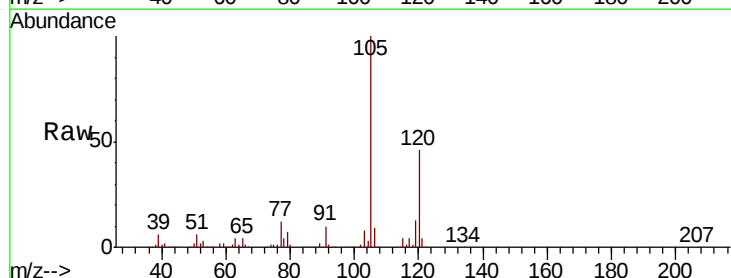
Acq: 01 Sep 2019 14:56

Tgt Ion:105 Resp: 360740

Ion Ratio Lower Upper

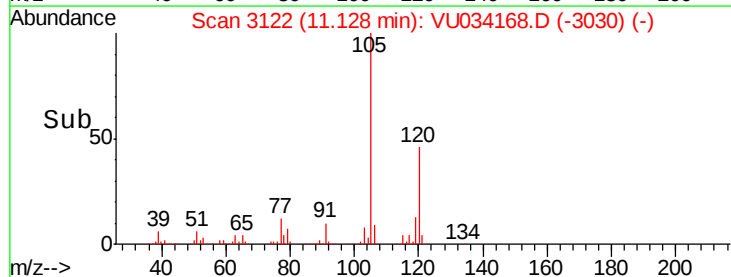
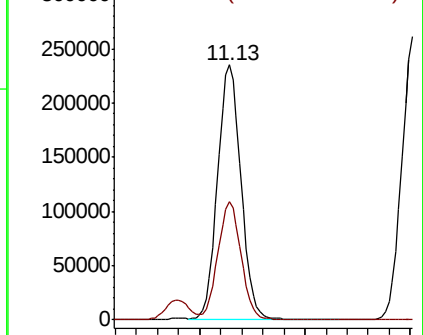
105 100

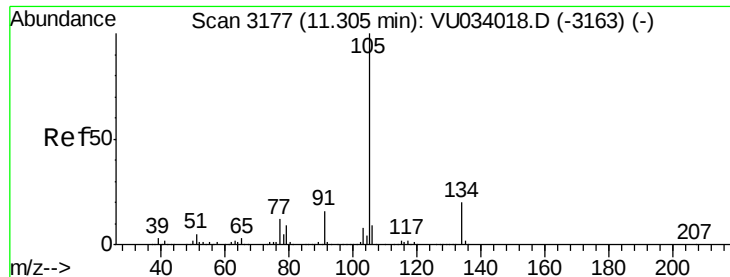
120 45.9 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.107 ug/l

RT: 11.30 min Scan# 3176

Delta R.T. -0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :

MSVOA\_U

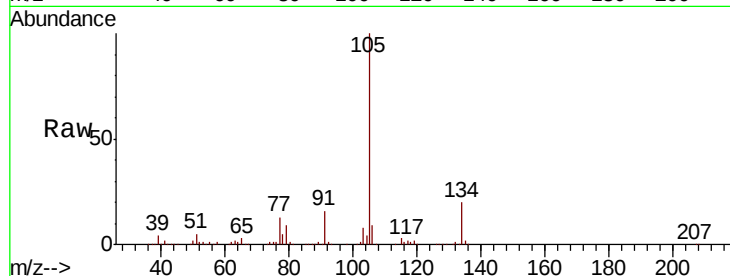
ClientSampleId :

Tot Ion:105 Resp: 409778

Ion Ratio Lower Upper

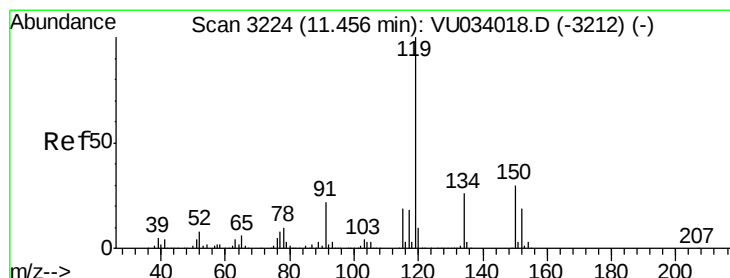
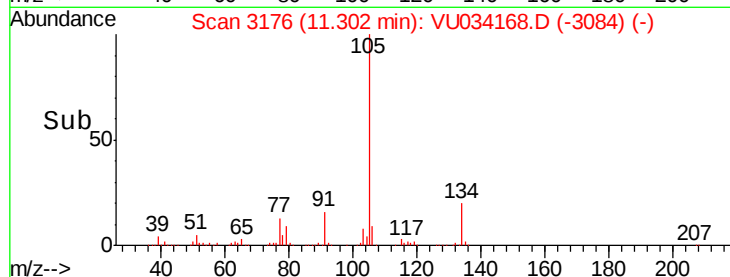
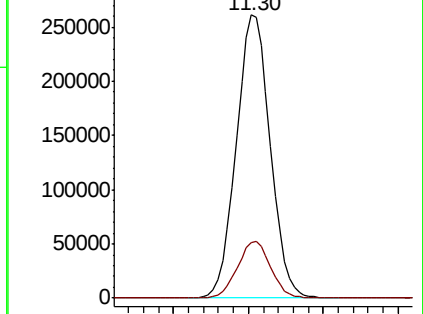
105 100

134 19.7 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.543 ug/l

RT: 11.46 min Scan# 3224

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

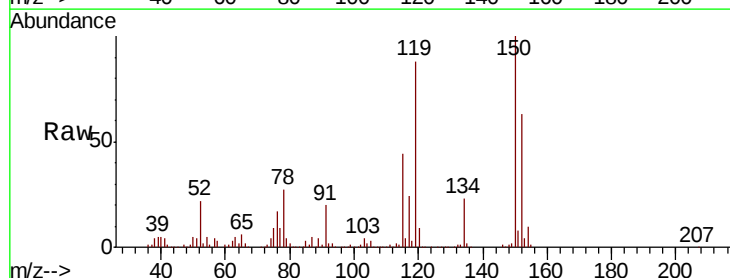
Tgt Ion:119 Resp: 379545

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

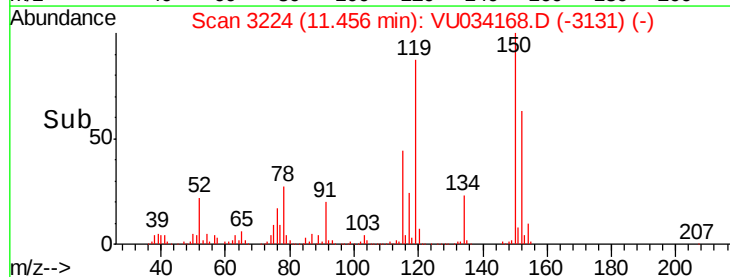
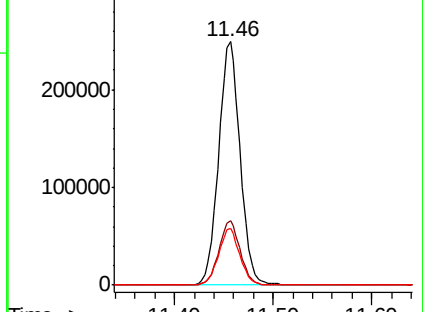
91 22.9 11.2 33.6

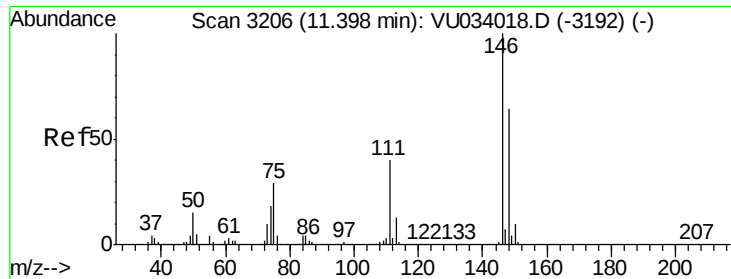


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

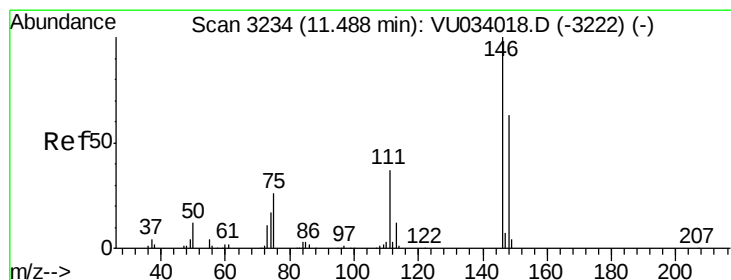
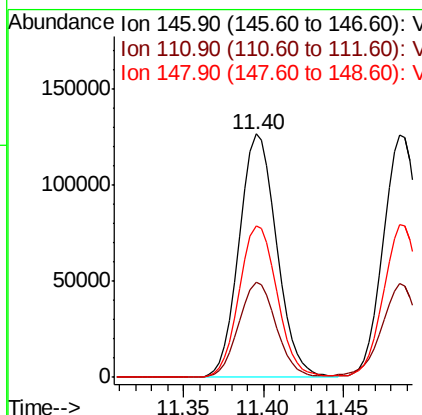
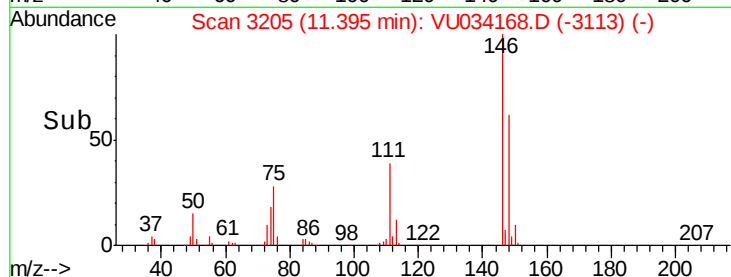
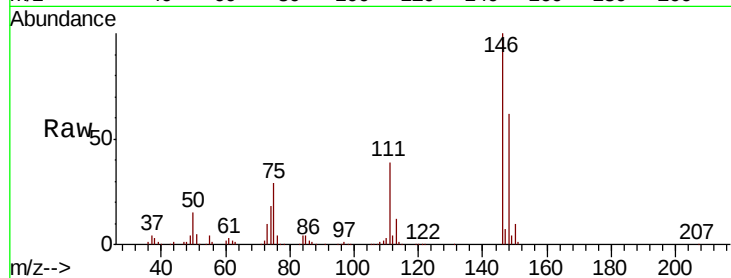




#87  
 1,3-Dichlorobenzene  
 Concen: 18.756 ug/l  
 RT: 11.40 min Scan# 3205  
 Delta R.T. -0.00 min  
 Lab File: VU034168.D  
 Acq: 01 Sep 2019 14:56

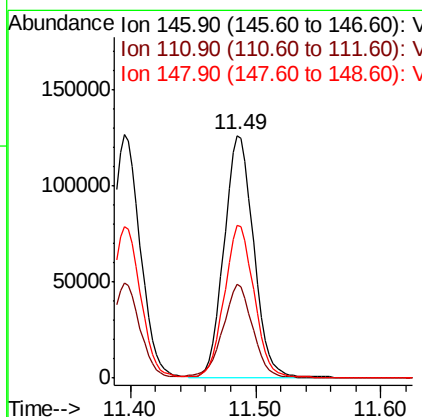
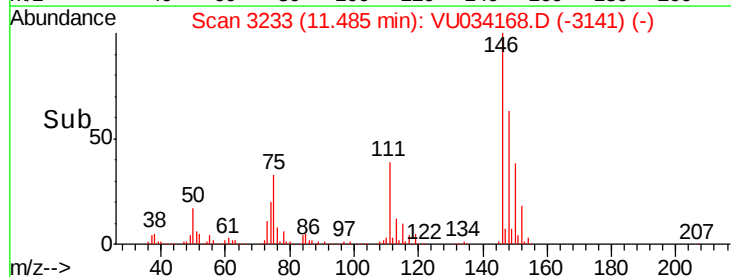
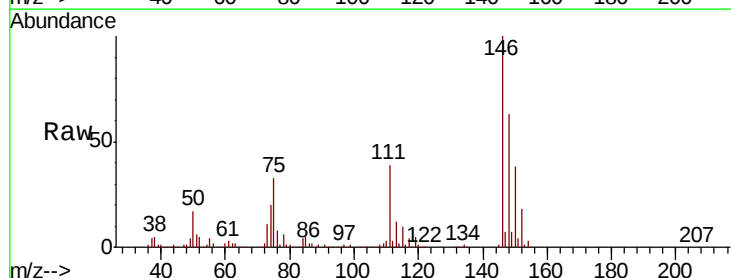
Instrument :  
 MSVOA\_U  
 ClientSampleId :

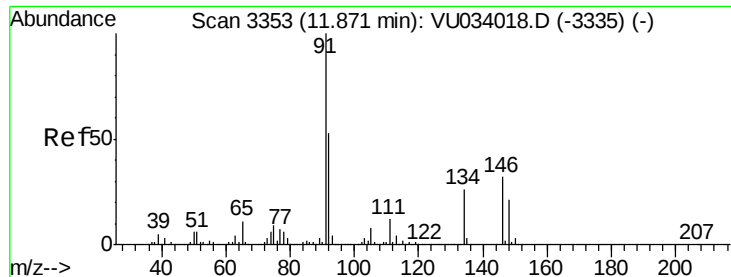
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.1  | 19.9  | 59.6  |
| 148     | 63.1  | 31.9  | 95.5  |



#88  
 1,4-Dichlorobenzene  
 Concen: 18.915 ug/l  
 RT: 11.49 min Scan# 3233  
 Delta R.T. -0.00 min  
 Lab File: VU034168.D  
 Acq: 01 Sep 2019 14:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.5  | 19.2  | 57.6  |
| 148     | 63.8  | 31.9  | 95.9  |





#89

n-Butylbenzene

Concen: 18.204 ug/l

RT: 11.87 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :

MSVOA\_U

ClientSampled :

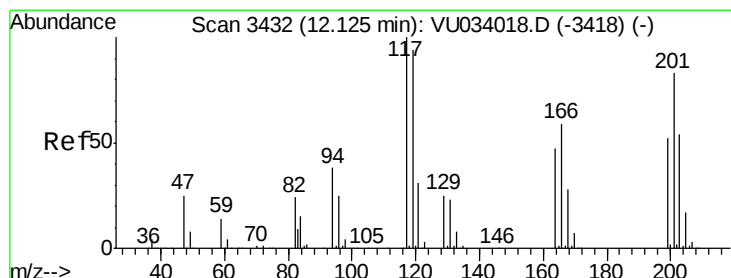
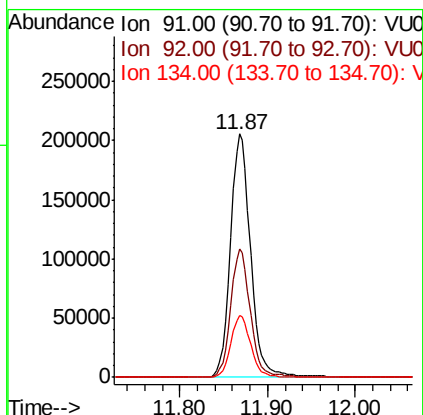
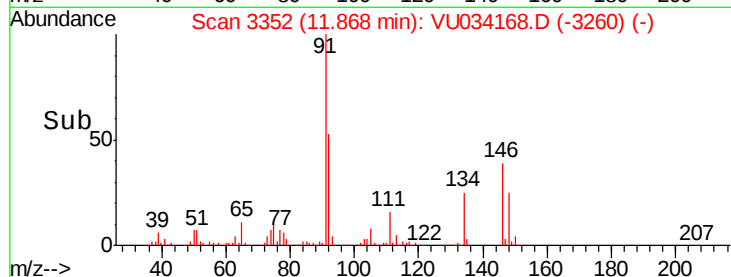
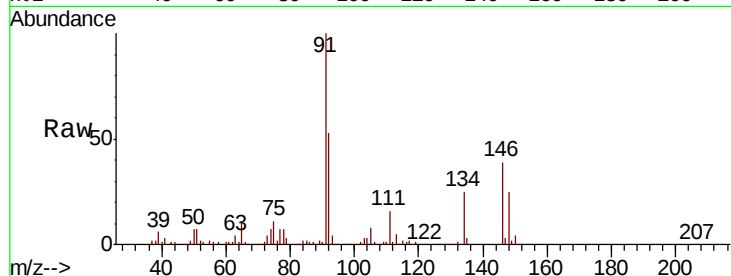
Tot Ion: 91 Resp: 328511

Ion Ratio Lower Upper

91 100

92 51.6 26.3 78.9

134 25.3 12.9 38.7



#90

Hexachloroethane

Concen: 15.295 ug/l

RT: 12.12 min Scan# 3431

Delta R.T. -0.00 min

Lab File: VU034168.D

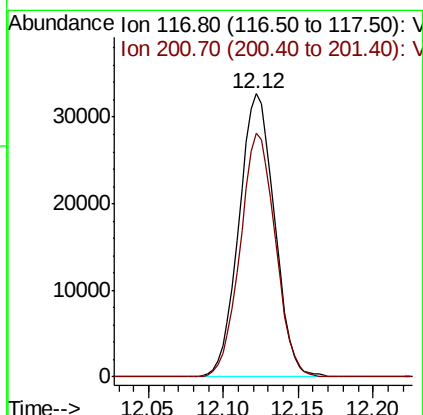
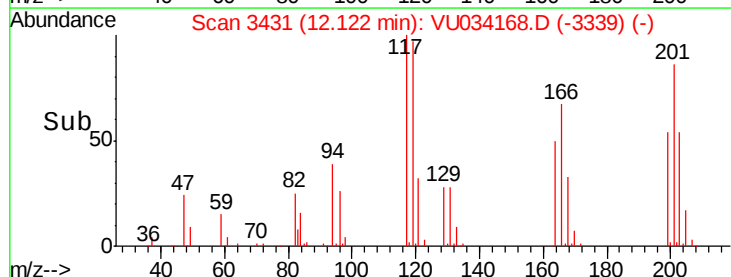
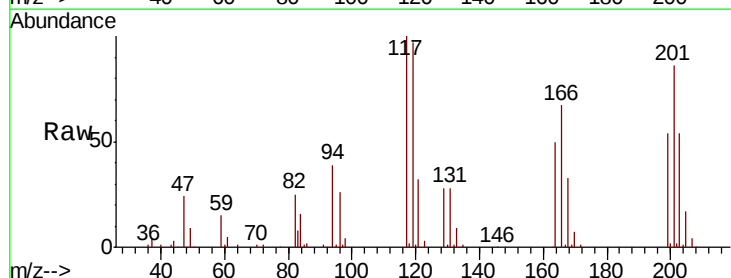
Acq: 01 Sep 2019 14:56

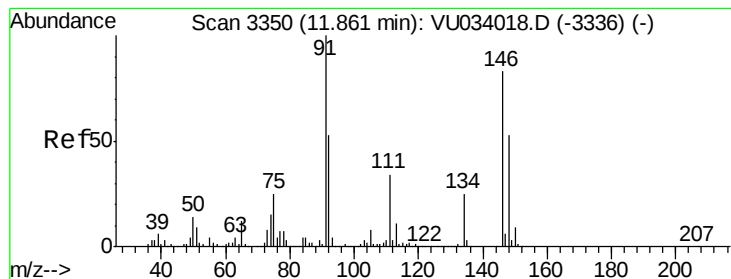
Tgt Ion: 117 Resp: 54127

Ion Ratio Lower Upper

117 100

201 84.8 42.5 127.6





#91

1,2-Dichlorobenzene

Concen: 18.953 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. -0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :

MSVOA\_U

ClientSampleId :

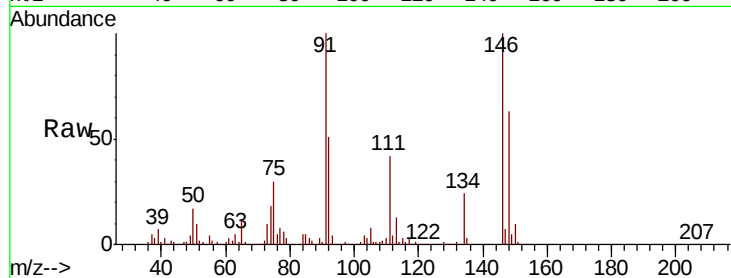
Tot Ion:146 Resp: 195674

Ion Ratio Lower Upper

146 100

111 41.3 20.4 61.2

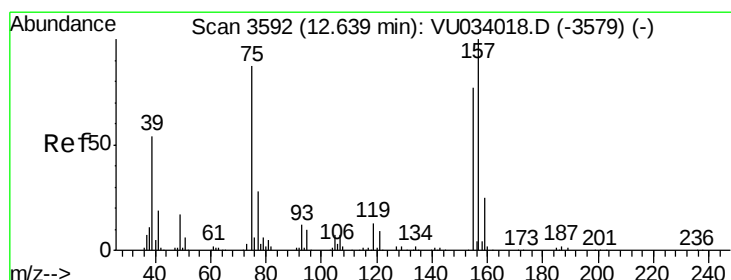
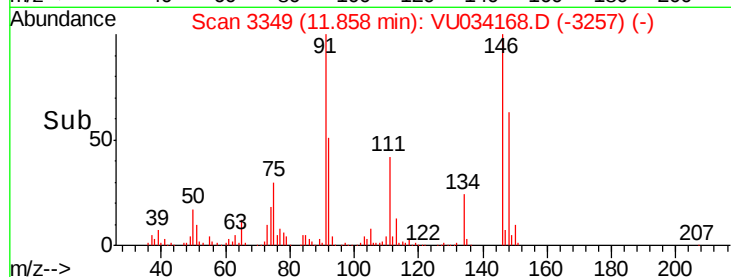
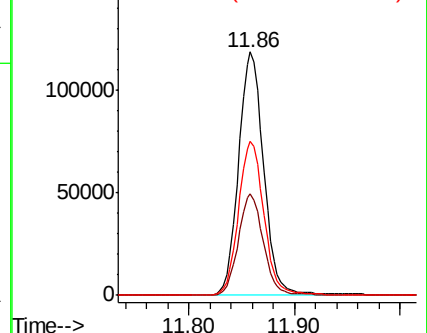
148 64.1 32.3 96.8



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: 16.823 ug/l

RT: 12.64 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

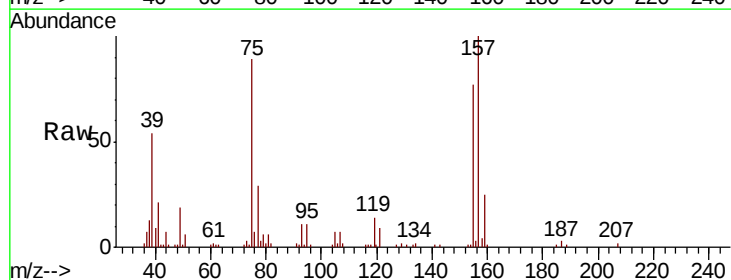
Tgt Ion: 75 Resp: 29030

Ion Ratio Lower Upper

75 100

155 89.7 43.5 130.7

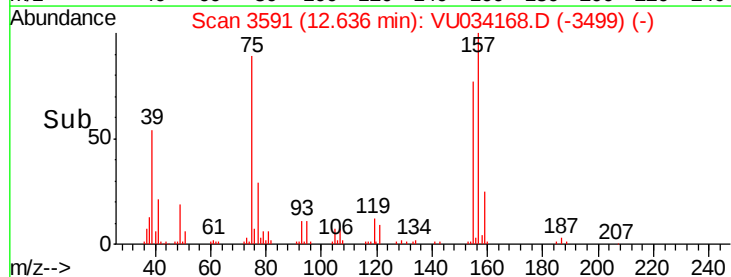
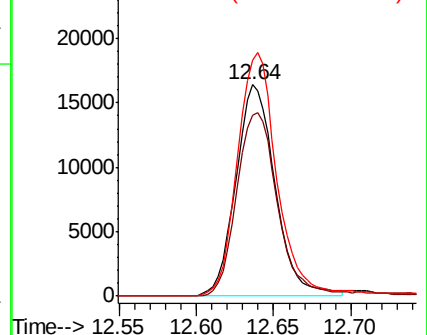
157 116.2 56.9 170.6

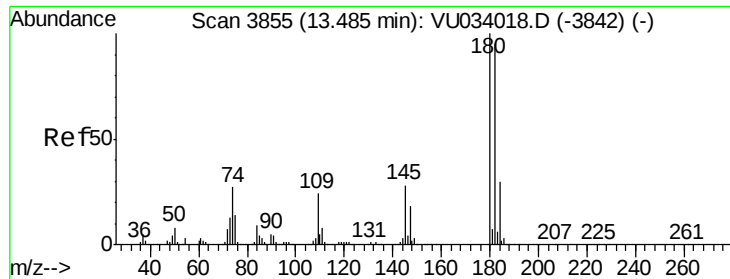


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 17.451 ug/l

RT: 13.49 min Scan# 3855

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :

MSVOA\_U

ClientSampleId :

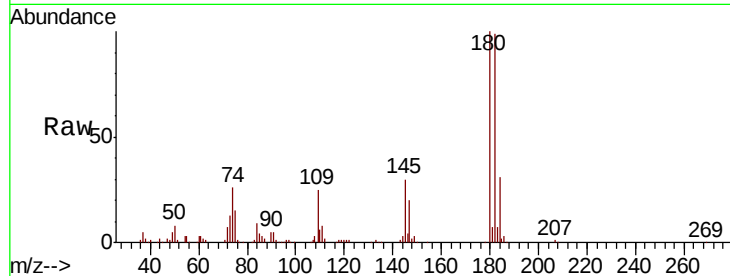
Tot Ion:180 Resp: 122701

Ion Ratio Lower Upper

180 100

182 95.5 47.4 142.2

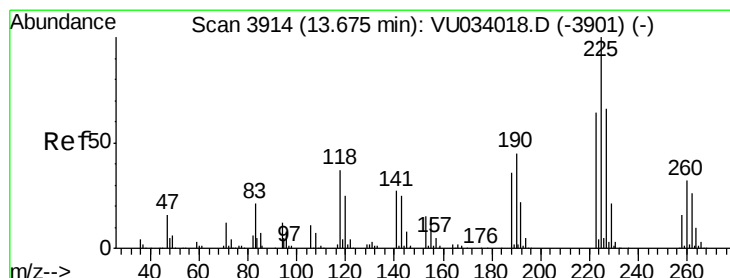
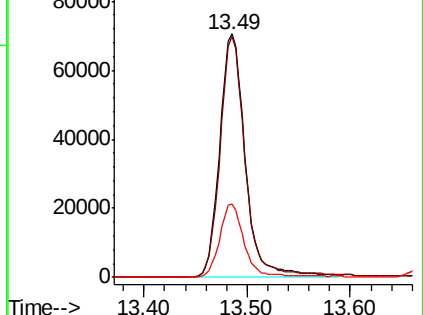
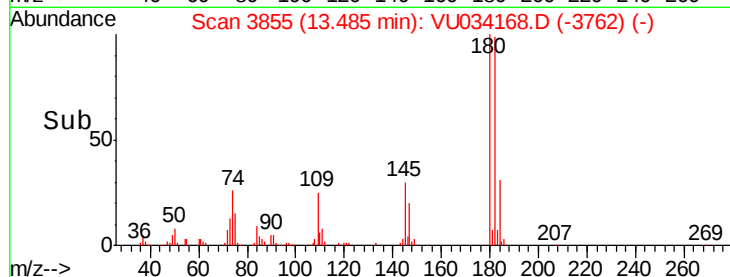
145 28.6 14.1 42.3



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: 14.785 ug/l

RT: 13.67 min Scan# 3913

Delta R.T. -0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

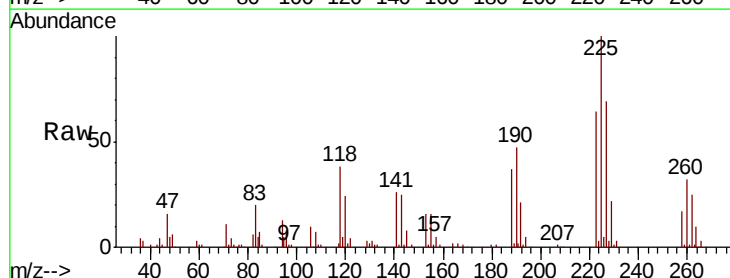
Tgt Ion:225 Resp: 59714

Ion Ratio Lower Upper

225 100

223 63.8 31.8 95.3

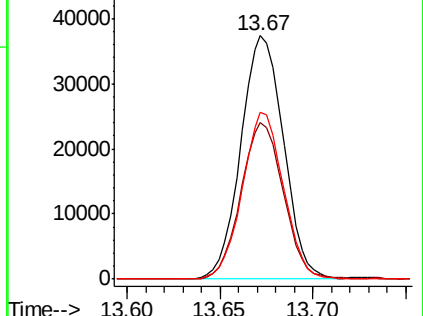
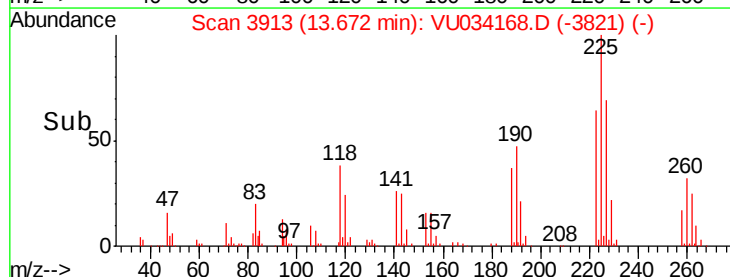
227 66.1 32.6 97.8

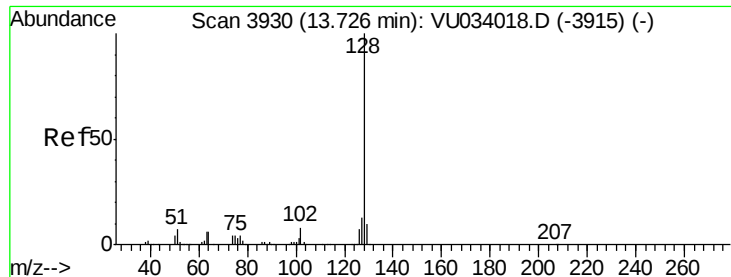


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.076 ug/l

RT: 13.72 min Scan# 3929

Delta R.T. -0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

Instrument :

MSVOA\_U

ClientSampled :

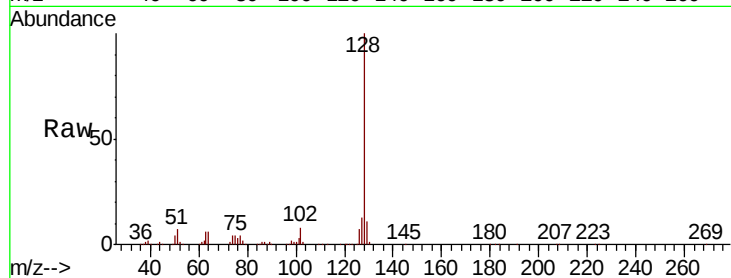
Tot Ion:128 Resp: 333409

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

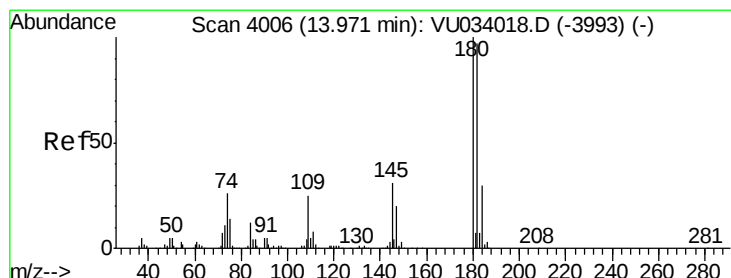
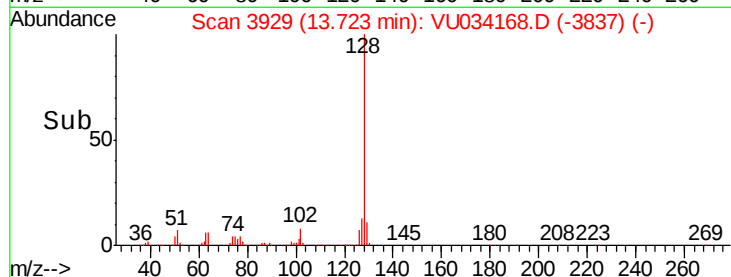
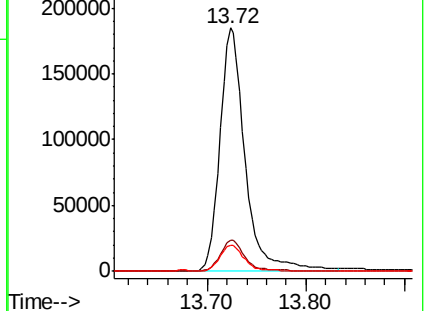
129 10.4 8.4 12.6



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: 18.906 ug/l

RT: 13.97 min Scan# 4006

Delta R.T. 0.00 min

Lab File: VU034168.D

Acq: 01 Sep 2019 14:56

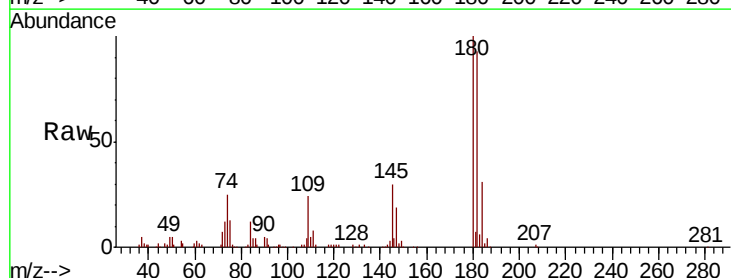
Tgt Ion:180 Resp: 125032

Ion Ratio Lower Upper

180 100

182 94.6 48.2 144.6

145 30.3 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

