

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\  
 Data File : VU040317.D  
 Acq On : 25 Sep 2020 22:06  
 Operator : SY/MD  
 Sample : L4139-05  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BG490

Quant Time: Sep 26 06:53:24 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR083120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Sep 26 06:44:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 142998   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 138726   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 71537    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 34430    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 88.20%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 32873    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 101.00% |
| 11) 1,1-Dichloroethene-d2      | 2.57   | 63    | 53015    | 2.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 53.00%# |
| 20) 2-Butanone-d5              | 4.74   | 46    | 142258   | 45.55    | ug/L | 0.07    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 91.10%  |
| 24) Chloroform-d               | 5.08   | 84    | 81121    | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.73   | 65    | 48703    | 4.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.60%  |
| 32) Benzene-d6                 | 5.74   | 84    | 150742   | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 50854    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.20%  |
| 41) Toluene-d8                 | 7.90   | 98    | 126683   | 4.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.60%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 20064    | 4.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.80%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 115444   | 49.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.40%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 47075    | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 102.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 52332    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 90.40%  |

## Target Compounds

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Ovalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 3) Chloromethane              | 1.52 | 50   | 1071     | 0.079   | ug/L   | 94     |
| 5) Vinyl chloride             | 1.60 | 62   | 22051    | 1.601   | ug/L # | 70     |
| 8) Chloroethane               | 1.94 | 64   | 25306    | 3.057   | ug/L   | 96     |
| 13) Acetone                   | 2.39 | 43   | 104756   | 36.237  | ug/L   | 48     |
| 14) Carbon disulfide          | 2.80 | 76   | 2967     | 0.084   | ug/L # | 79     |
| 15) Methyl Acetate            | 3.05 | 43   | 1349     | 0.186   | ug/L # | 77     |
| 17) Methyl tert-butyl Ether   | 3.39 | 73   | 3053     | 0.092   | ug/L # | 57     |
| 18) trans-1,2-Dichloroethene  | 3.36 | 96   | 2319     | 0.195   | ug/L # | 72     |
| 19) 1,1-Dichloroethane        | 3.88 | 63   | 3490     | 0.142   | ug/L   | 88     |
| 22) cis-1,2-Dichloroethene    | 4.68 | 96   | 84169    | 6.576   | ug/L   | 97     |
| 27) 1,2-Dichloroethane        | 5.79 | 62   | 129444   | 7.041   | ug/L # | 78     |
| 30) Cyclohexane               | 5.39 | 56   | 41084    | 1.945   | ug/L   | 97     |
| 33) Benzene                   | 5.79 | 78   | 13224359 | 266.468 | ug/L   | 100    |
| 35) Methylcyclohexane         | 6.77 | 83   | 25541    | 1.253   | ug/L   | 96     |
| 38) Bromodichloromethane      | 7.16 | 83   | 708      | 0.039   | ug/L # | 25     |
| 42) Toluene                   | 7.97 | 91   | 1471518  | 28.792  | ug/L   | 100    |
| 44) trans-1,3-Dichloropropene | 8.37 | 75   | 949      | 0.052   | ug/L   | 98     |

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 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Sep 26 06:44:13 2020  
 Response via : Initial Calibration

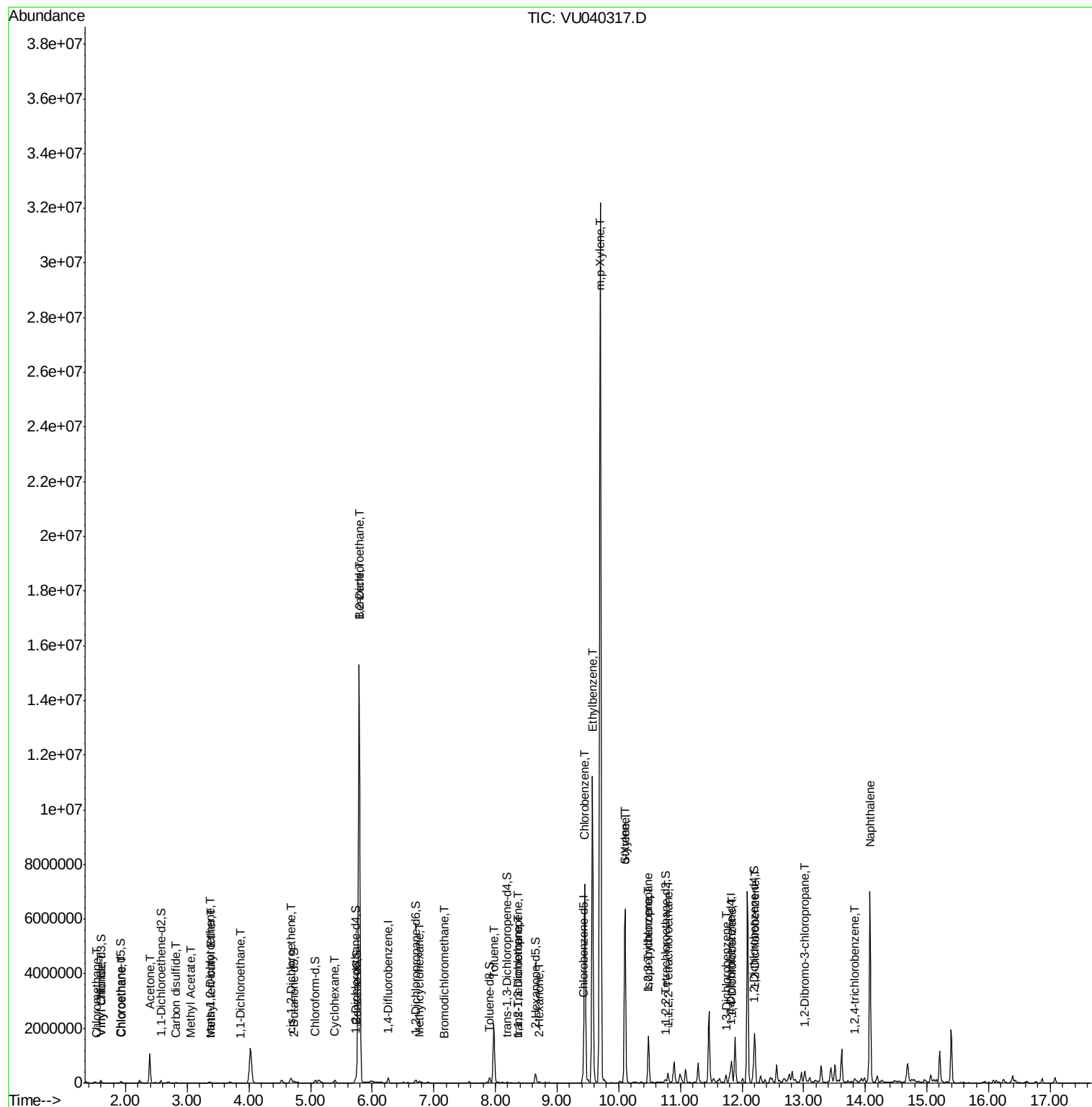
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 45) 1,1,2-Trichloroethane      | 8.38  | 97   | 5740     | 0.586   | ug/L # | 20       |
| 48) 2-Hexanone                 | 8.70  | 43   | 4077     | 0.507   | ug/L # | 47       |
| 51) Chlorobenzene              | 9.45  | 112  | 3517286  | 110.845 | ug/L   | 99       |
| 52) Ethylbenzene               | 9.57  | 91   | 7622584  | 131.265 | ug/L   | 99       |
| 53) m,p-Xylene                 | 9.70  | 106  | 8518924  | 412.036 | ug/L   | 69       |
| 54) o-Xylene                   | 10.10 | 106  | 1549401  | 78.642  | ug/L   | 97       |
| 55) Styrene                    | 10.10 | 104  | 82131    | 2.397   | ug/L # | 1        |
| 56) Isopropylbenzene           | 10.48 | 105  | 1042449  | 19.401  | ug/L   | 99       |
| 58) 1,1,2,2-Tetrachloroethane  | 10.80 | 83   | 5241     | 0.418   | ug/L # | 42       |
| 59) 1,2,3-Trichloropropane     | 10.48 | 75   | 14979    | 1.505   | ug/L # | 1        |
| 62) 1,3-Dichlorobenzene        | 11.74 | 146  | 80127    | 3.064   | ug/L   | 97       |
| 63) 1,4-Dichlorobenzene        | 11.83 | 146  | 285577   | 10.794  | ug/L   | 97       |
| 65) 1,2-Dichlorobenzene        | 12.20 | 146  | 606946   | 23.990  | ug/L   | 97       |
| 66) 1,2-Dibromo-3-chloropropan | 13.01 | 75   | 2287     | 0.845   | ug/L # | 8        |
| 68) 1,2,4-trichlorobenzene     | 13.83 | 180  | 11748    | 0.742   | ug/L # | 89       |
| 69) Naphthalene                | 14.08 | 128  | 4959701  | 150.255 | ug/L   | 100      |

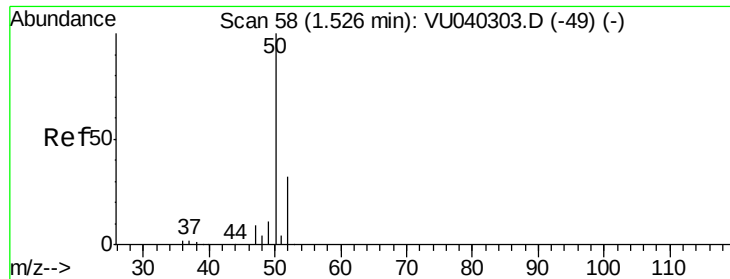
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.079 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040317.D

Acq: 25 Sep 2020 22:06

Instrument :

MSVOA\_U

ClientSampled :

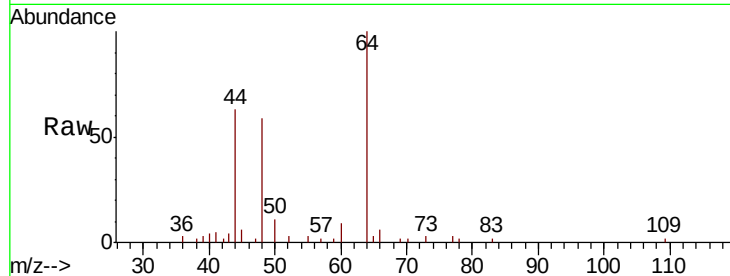
BG490

Tot Ion: 50 Resp: 1071

Ion Ratio Lower Upper

50 100

52 29.2 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

800

600

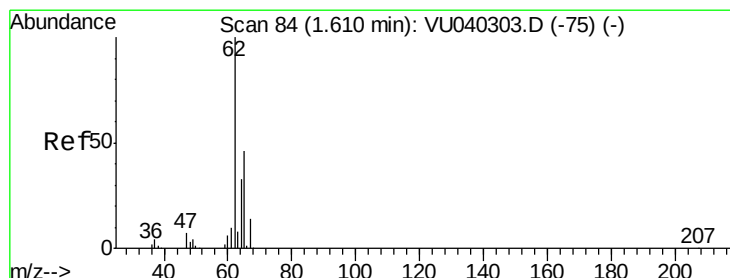
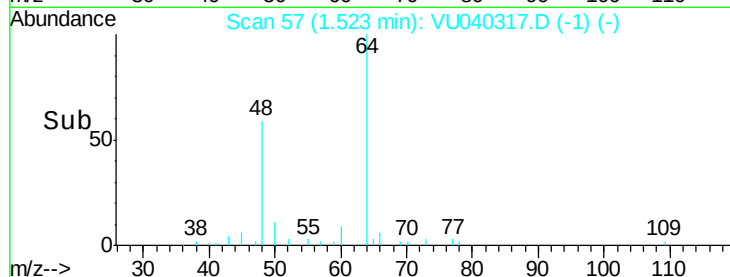
400

200

0

1.48 1.50 1.52 1.54

Time-->



#5

Vinyl chloride

Concen: 1.601 ug/L

RT: 1.60 min Scan# 82

Delta R.T. -0.01 min

Lab File: VU040317.D

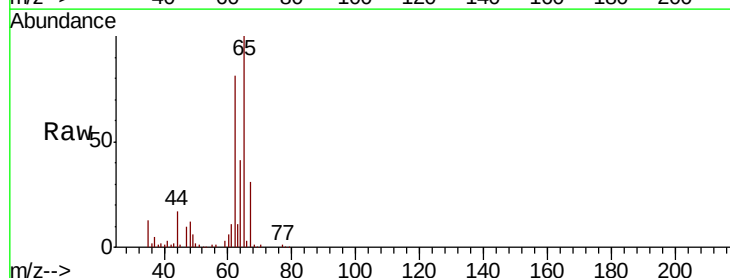
Acq: 25 Sep 2020 22:06

Tgt Ion: 62 Resp: 22051

Ion Ratio Lower Upper

62 100

64 51.3 23.9 44.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

20000

15000

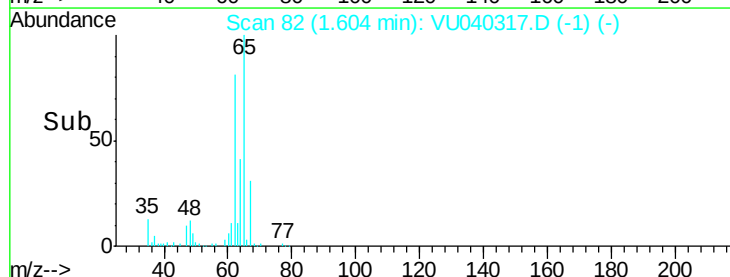
10000

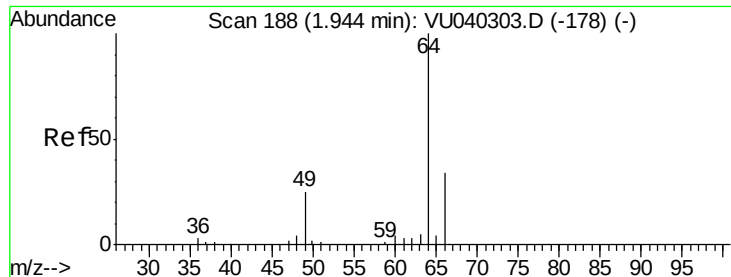
5000

0

1.55 1.60 1.65

Time-->

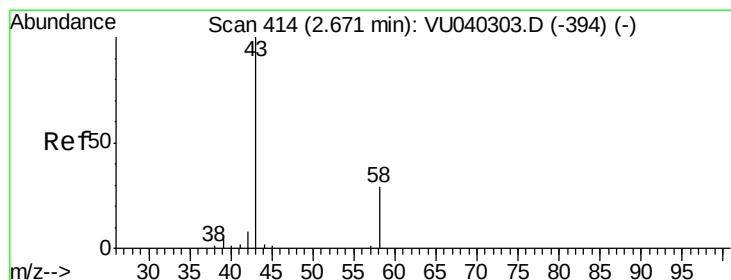
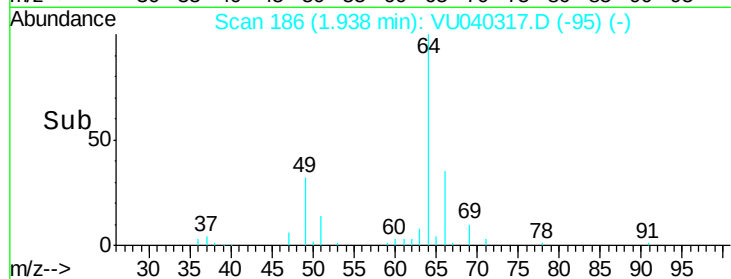
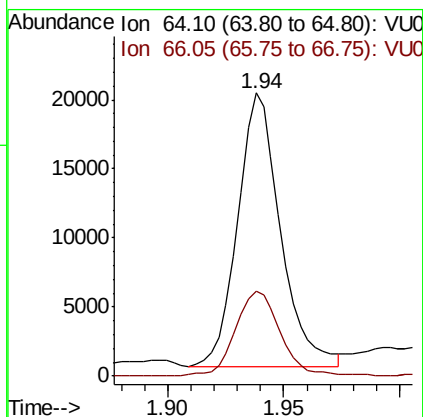
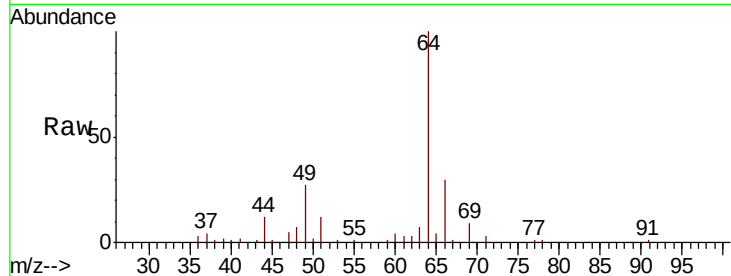




#8  
Chloroethane  
Concen: 3.057 ug/L  
RT: 1.94 min Scan# 186  
Delta R.T. -0.01 min  
Lab File: VU040317.D  
Acq: 25 Sep 2020 22:06

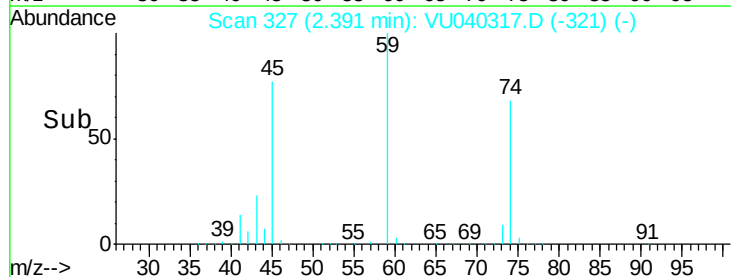
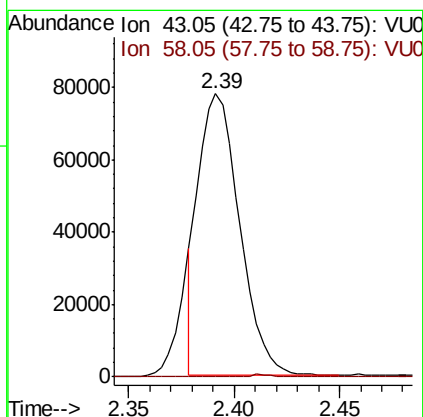
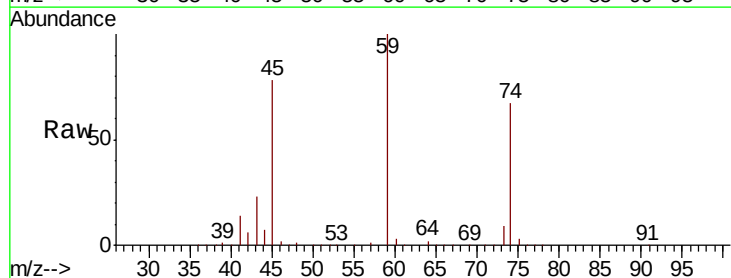
Instrument :  
MSVOA\_U  
ClientSampleId :  
BG490

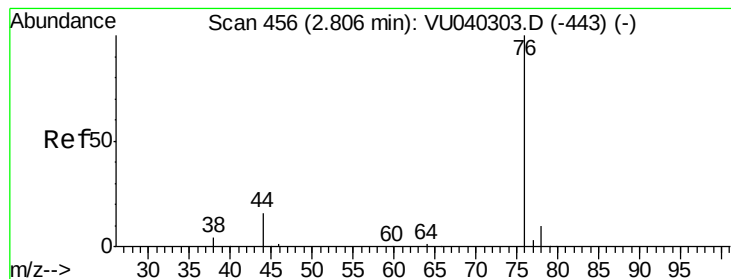
Tot Ion: 64 Resp: 25306  
Ion Ratio Lower Upper  
64 100  
66 29.9 22.7 42.1



#13  
Acetone  
Concen: 36.237 ug/L  
RT: 2.39 min Scan# 327  
Delta R.T. -0.28 min  
Lab File: VU040317.D  
Acq: 25 Sep 2020 22:06

Tgt Ion: 43 Resp: 104756  
Ion Ratio Lower Upper  
43 100  
58 0.4 0.0 55.4





#14

Carbon disulfide

Concen: 0.084 ug/L

RT: 2.80 min Scan# 454

Delta R.T. -0.01 min

Lab File: VU040317.D

Acq: 25 Sep 2020 22:06

Instrument :

MSVOA\_U

ClientSampled :

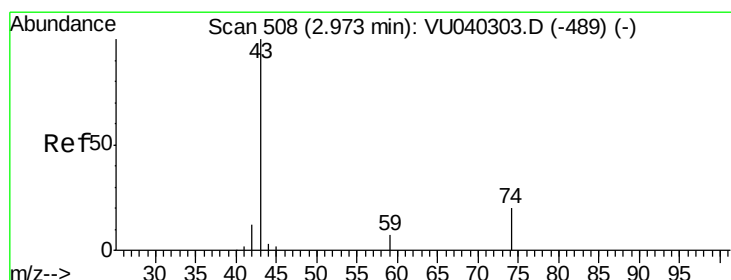
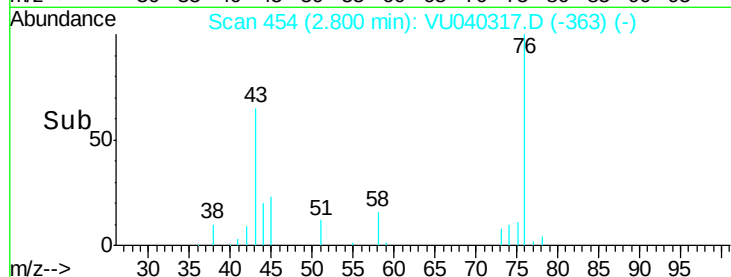
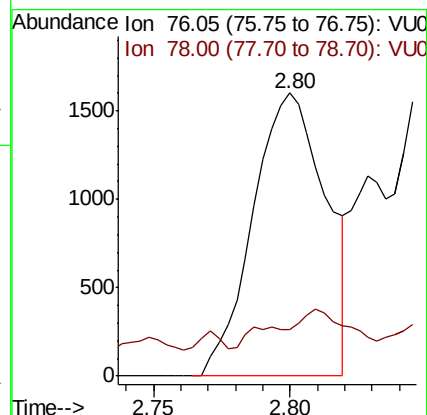
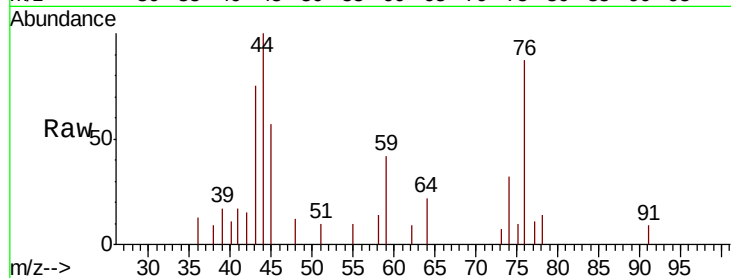
BG490

Tot Ion: 76 Resp: 2967

Ion Ratio Lower Upper

76 100

78 16.6 7.2 10.8#



#15

Methyl Acetate

Concen: 0.186 ug/L

RT: 3.05 min Scan# 531

Delta R.T. 0.07 min

Lab File: VU040317.D

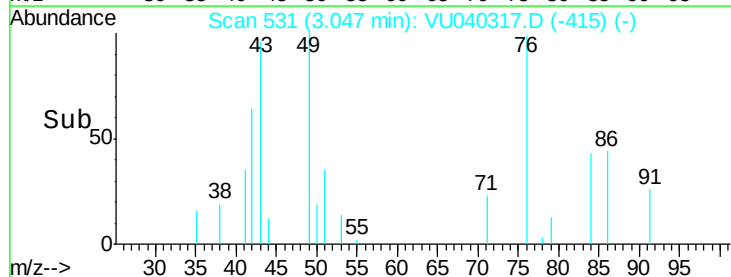
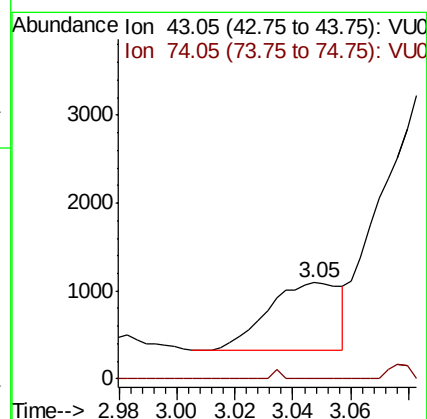
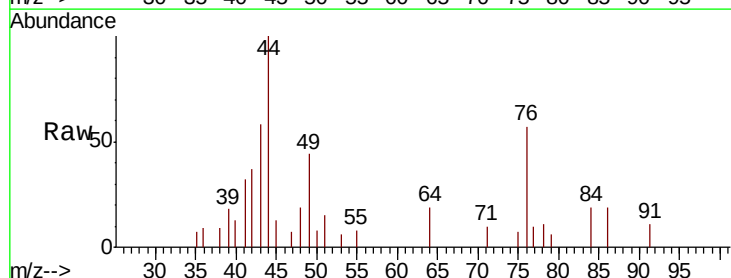
Acq: 25 Sep 2020 22:06

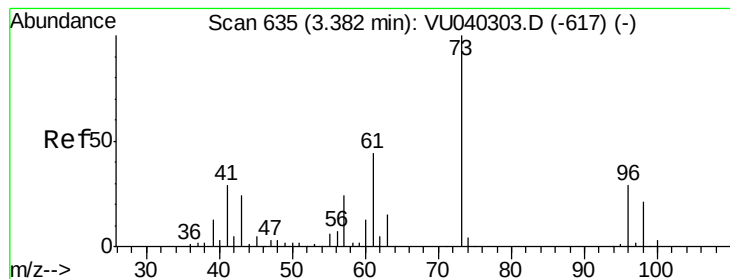
Tgt Ion: 43 Resp: 1349

Ion Ratio Lower Upper

43 100

74 32.8 17.4 26.0#





#17

Methyl tert-butyl Ether

Concen: 0.092 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.01 min

Lab File: VU040317.D

Acq: 25 Sep 2020 22:06

Instrument :

MSVOA\_U

ClientSampleId :

BG490

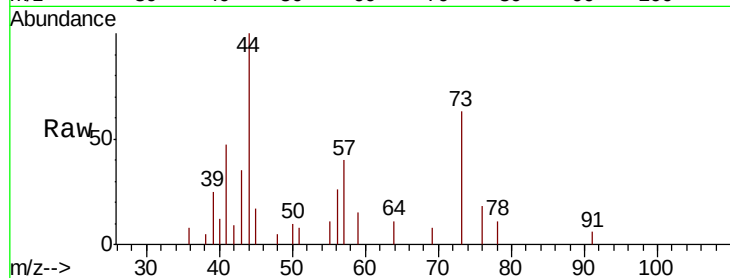
Tot Ion: 73 Resp: 3053

Ion Ratio Lower Upper

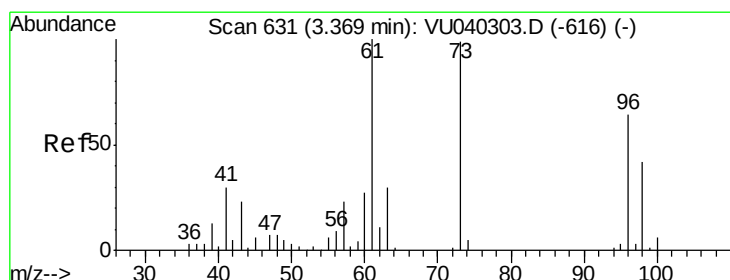
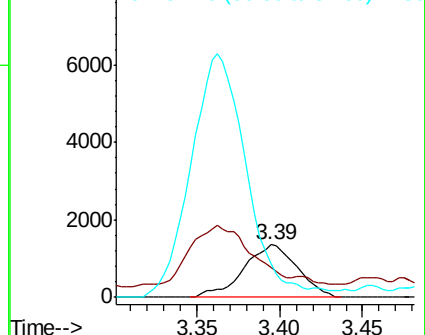
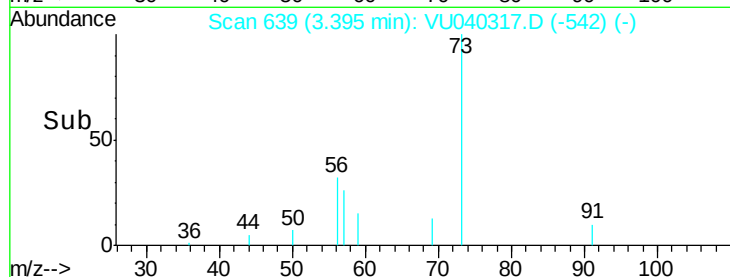
73 100

43 5.0 19.1 28.7#

57 0.0 18.3 27.5#



Abundance Ion 73.10 (72.80 to 73.80): VU040317.D (-542) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.195 ug/L

RT: 3.36 min Scan# 627

Delta R.T. -0.01 min

Lab File: VU040317.D

Acq: 25 Sep 2020 22:06

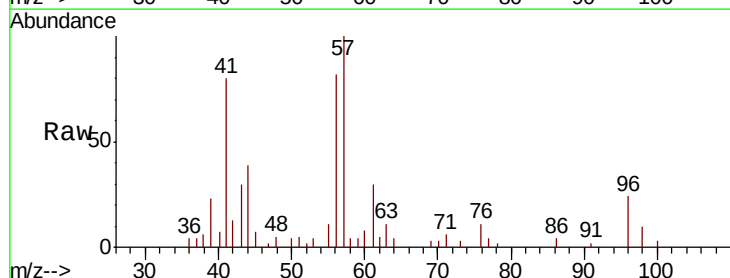
Tgt Ion: 96 Resp: 2319

Ion Ratio Lower Upper

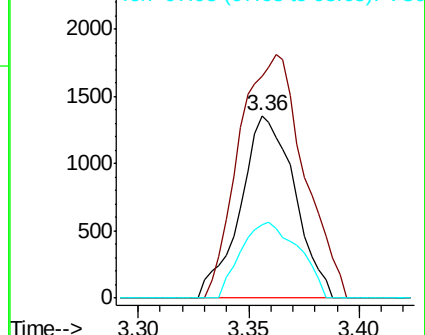
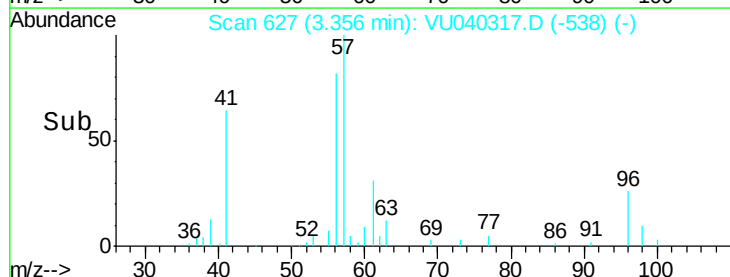
96 100

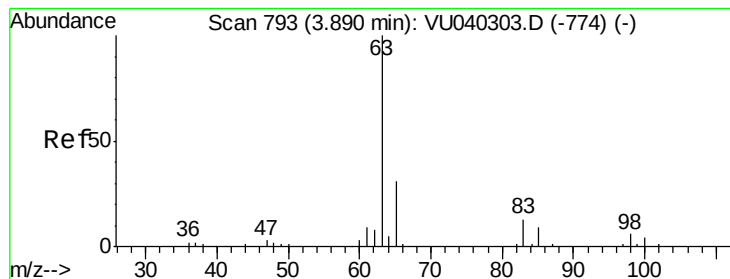
61 121.5 110.5 205.3

98 40.1 43.2 80.2#



Abundance Ion 96.00 (95.70 to 96.70): VU040317.D (-538) (-)





#19

1,1-Dichloroethane

Concen: 0.142 ug/L

RT: 3.88 min Scan# 790

Delta R.T. -0.01 min

Lab File: VU040317.D

Acq: 25 Sep 2020 22:06

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ClientSampleId :

BG490

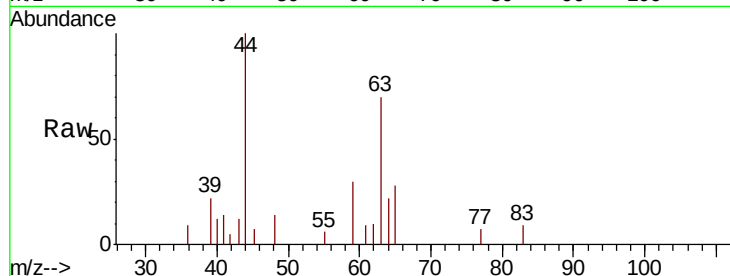
Tot Ion: 63 Resp: 3490

Ion Ratio Lower Upper

63 100

65 40.6 22.2 41.2

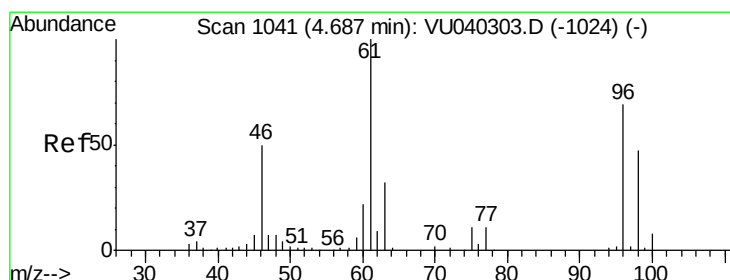
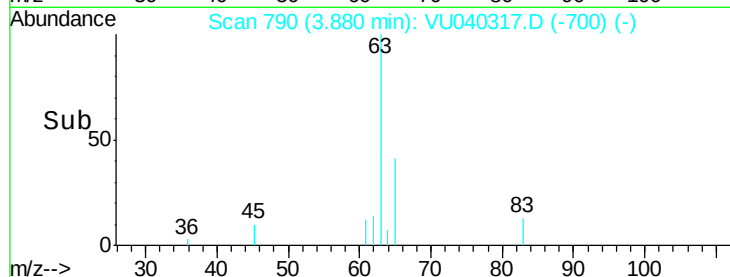
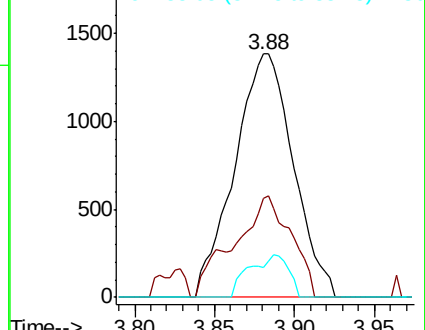
83 12.5 9.4 17.6



Abundance Ion 63.10 (62.80 to 63.80): VU040317.D (-700) (-)

Ion 65.10 (64.80 to 65.80): VU040317.D (-700) (-)

Ion 83.05 (82.75 to 83.75): VU040317.D (-700) (-)



#22

cis-1,2-Dichloroethene

Concen: 6.576 ug/L

RT: 4.68 min Scan# 1039

Delta R.T. -0.01 min

Lab File: VU040317.D

Acq: 25 Sep 2020 22:06

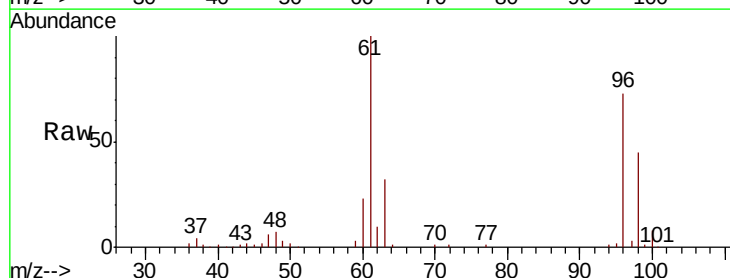
Tgt Ion: 96 Resp: 84169

Ion Ratio Lower Upper

96 100

61 137.9 98.8 183.4

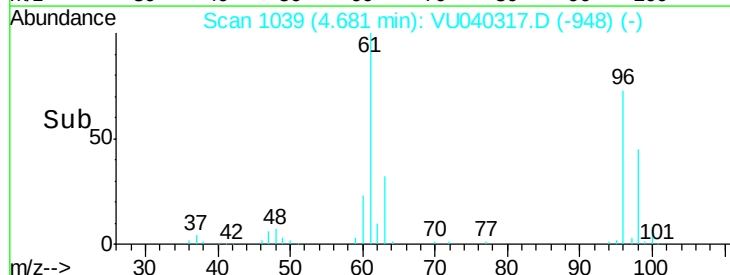
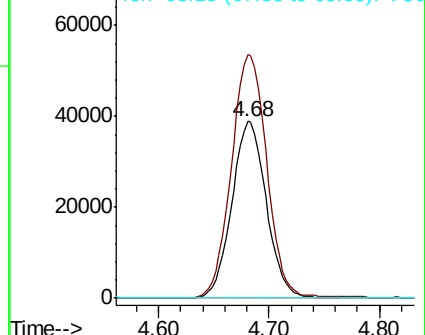
68 0.0 0.0 0.0



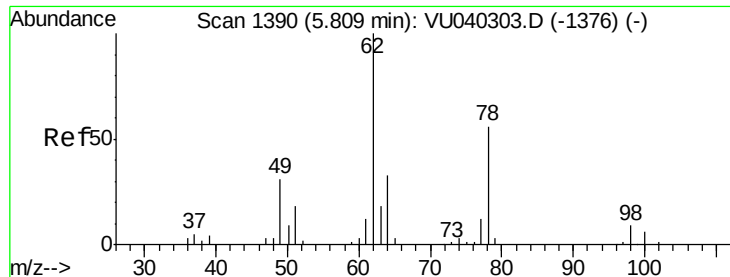
Abundance Ion 96.00 (95.70 to 96.70): VU040317.D (-948) (-)

Ion 61.05 (60.75 to 61.75): VU040317.D (-948) (-)

Ion 68.15 (67.85 to 68.85): VU040317.D (-948) (-)



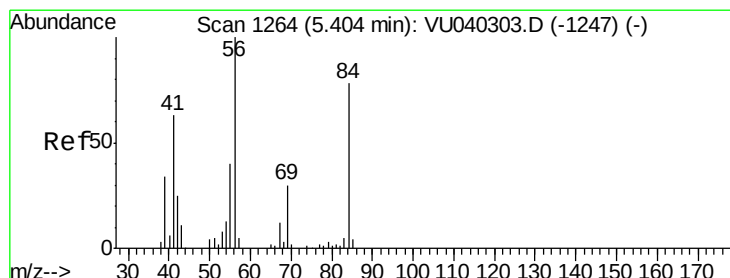
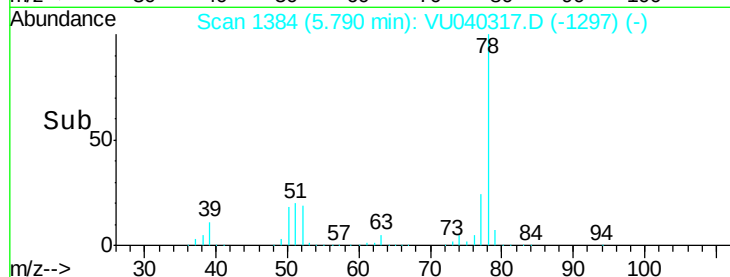
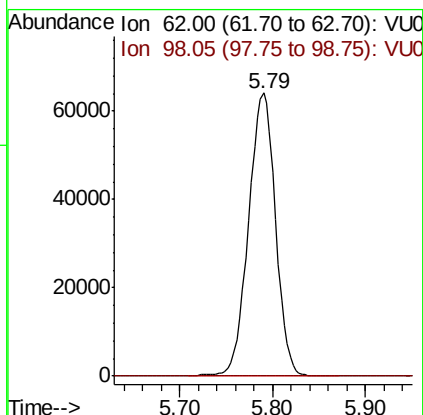
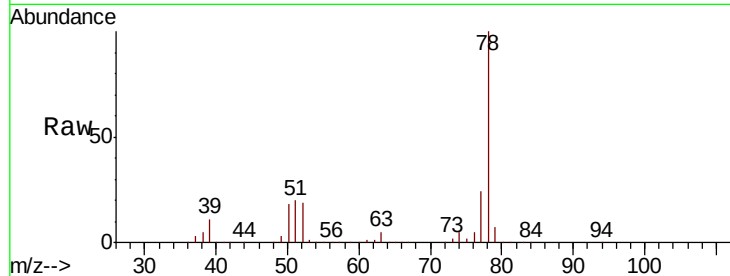




#27  
 1,2-Dichloroethane  
 Concen: 7.041 ug/L  
 RT: 5.79 min Scan# 1384  
 Delta R.T. -0.02 min  
 Lab File: VU040317.D  
 Acq: 25 Sep 2020 22:06

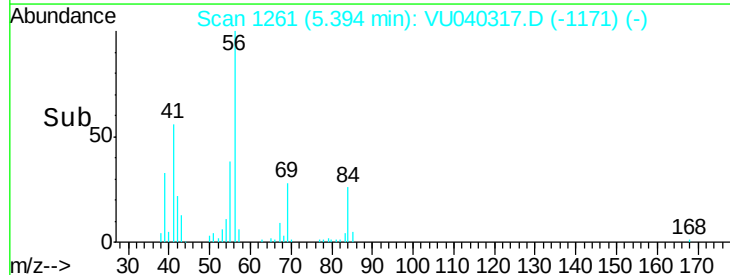
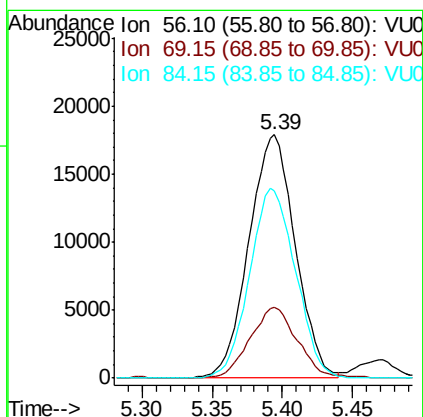
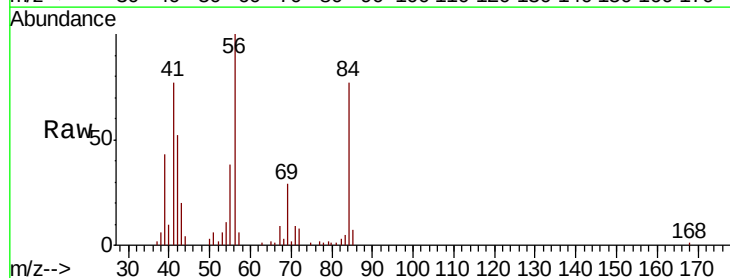
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 BG490

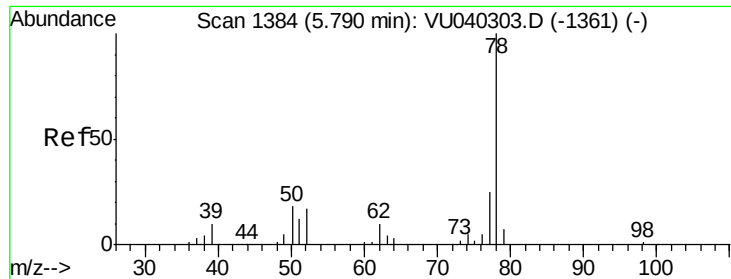
Tot Ion: 62 Resp: 129444  
 Ion Ratio Lower Upper  
 62 100  
 98 0.0 6.1 9.1#



#30  
 Cyclohexane  
 Concen: 1.945 ug/L  
 RT: 5.39 min Scan# 1261  
 Delta R.T. -0.01 min  
 Lab File: VU040317.D  
 Acq: 25 Sep 2020 22:06

Tgt Ion: 56 Resp: 41084  
 Ion Ratio Lower Upper  
 56 100  
 69 30.0 24.1 36.1  
 84 77.4 65.0 97.4

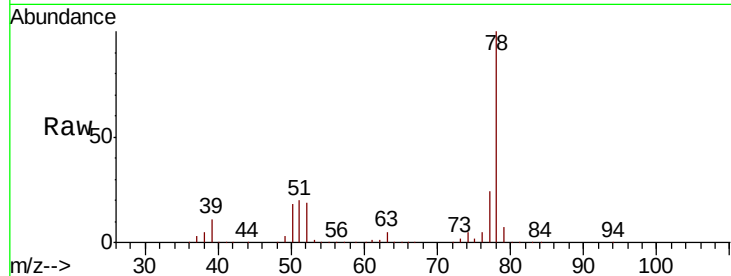




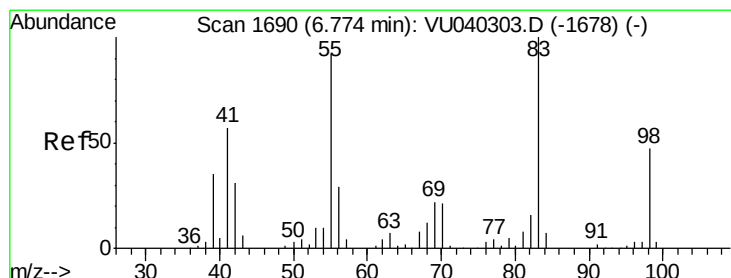
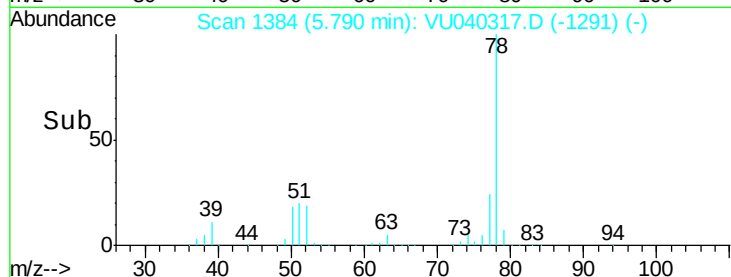
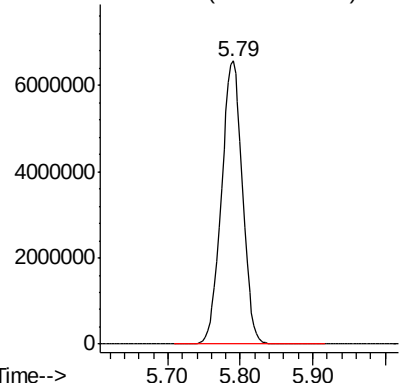
#33  
Benzene  
Concen: 266.468 ug/L  
RT: 5.79 min Scan# 1384  
Delta R.T. -0.00 min  
Lab File: VU040317.D  
Acq: 25 Sep 2020 22:06

Instrument :  
MSVOA\_U  
ClientSampled :  
BG490

Tgt Ion: 78 Resp:13224359

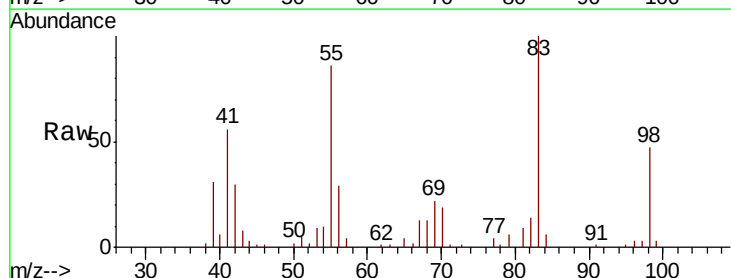


Abundance Ion 78.10 (77.80 to 78.80): VU0

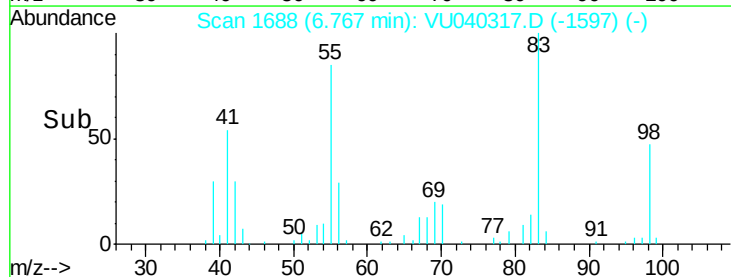
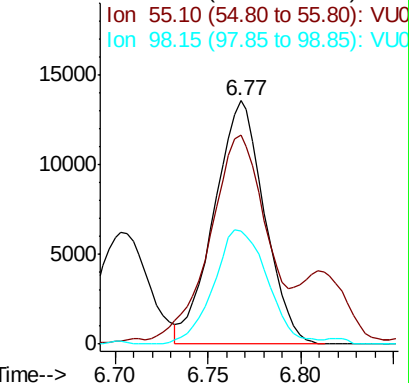


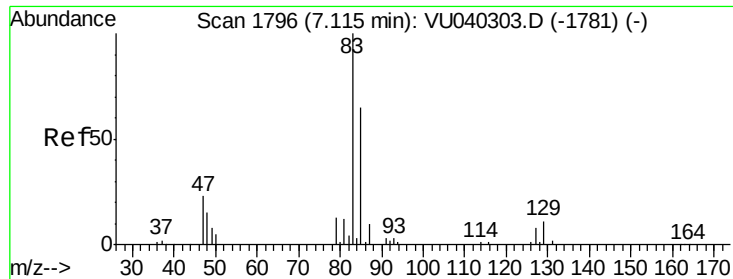
#35  
Methylcyclohexane  
Concen: 1.253 ug/L  
RT: 6.77 min Scan# 1688  
Delta R.T. -0.01 min  
Lab File: VU040317.D  
Acq: 25 Sep 2020 22:06

Tgt Ion: 83 Resp: 25541  
Ion Ratio Lower Upper  
83 100  
55 91.7 70.5 105.7  
98 50.4 37.8 56.6



Abundance Ion 83.15 (82.85 to 83.85): VU0





#38

Bromodichloromethane

Concen: 0.039 ug/L

RT: 7.16 min Scan# 1811

Delta R.T. 0.05 min

Lab File: VU040317.D

Acq: 25 Sep 2020 22:06

Instrument :

MSVOA\_U

ClientSampleId :

BG490

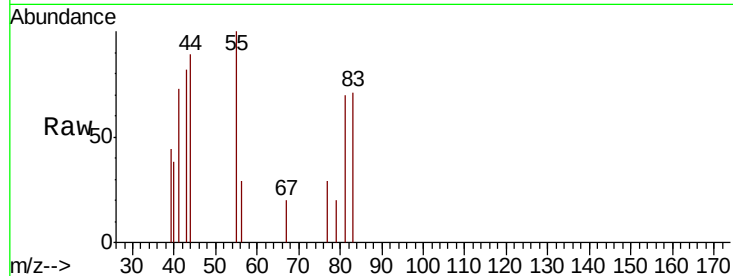
Tot Ion: 83 Resp: 708

Ion Ratio Lower Upper

83 100

85 0.0 45.1 83.9#

127 0.0 6.7 10.1#

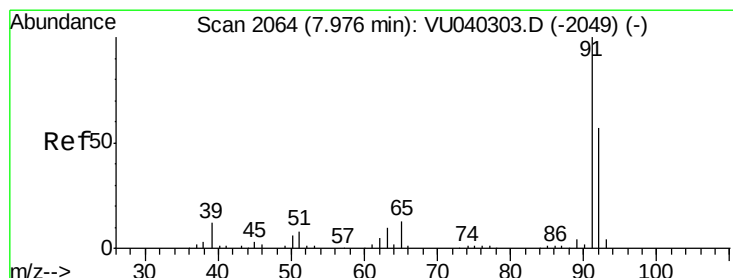
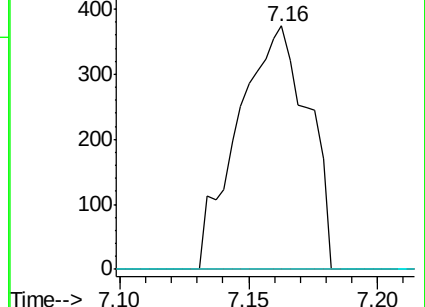
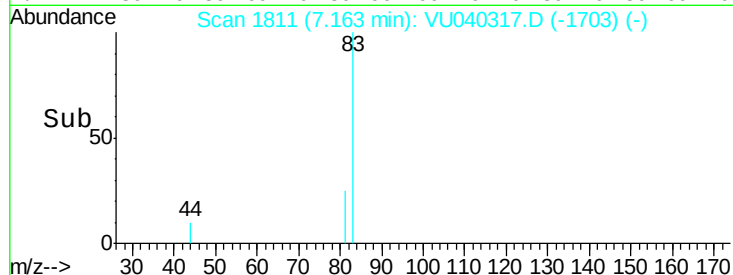


Abundance Ion 82.95 (82.65 to 83.65): VU040317.D (-1703) (-)

Ion 85.00 (84.70 to 85.70): VU040317.D (-1703) (-)

Ion 126.90 (126.60 to 127.60): VU040317.D (-1703) (-)

Time-->



#42

Toluene

Concen: 28.792 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040317.D

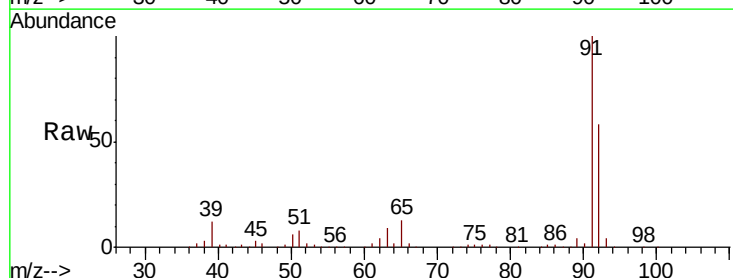
Acq: 25 Sep 2020 22:06

Tgt Ion: 91 Resp: 1471518

Ion Ratio Lower Upper

91 100

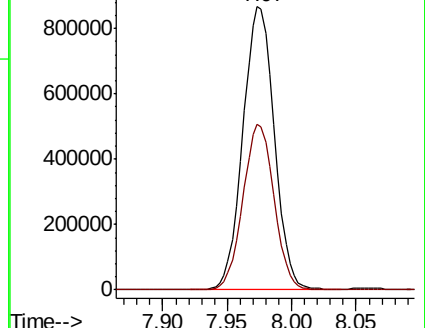
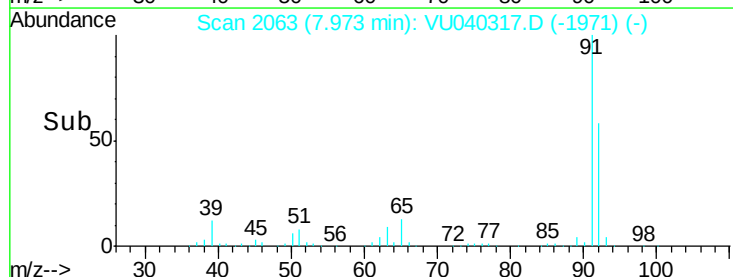
92 58.4 40.7 75.5

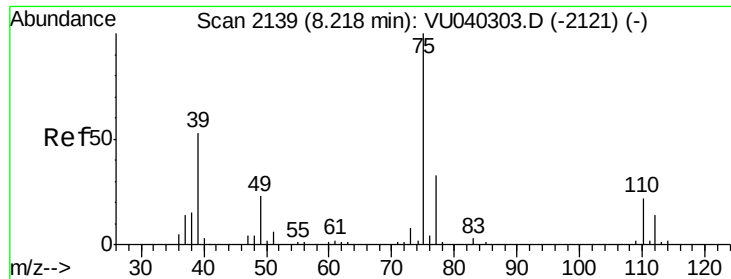


Abundance Ion 91.15 (90.85 to 91.85): VU040317.D (-1971) (-)

Ion 92.15 (91.85 to 92.85): VU040317.D (-1971) (-)

Time-->

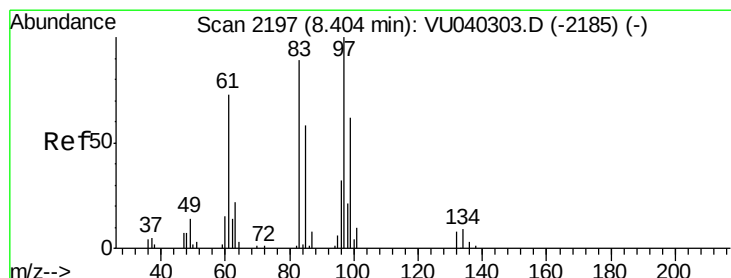
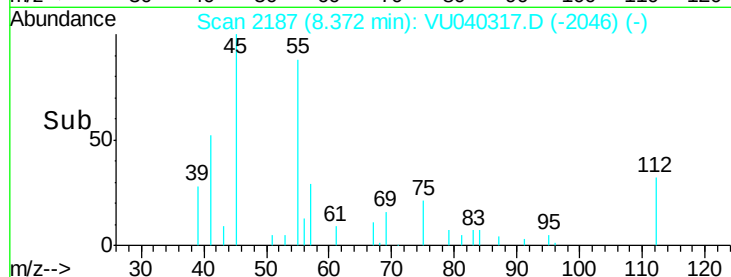
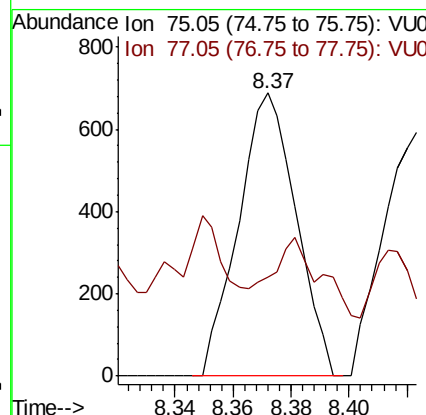
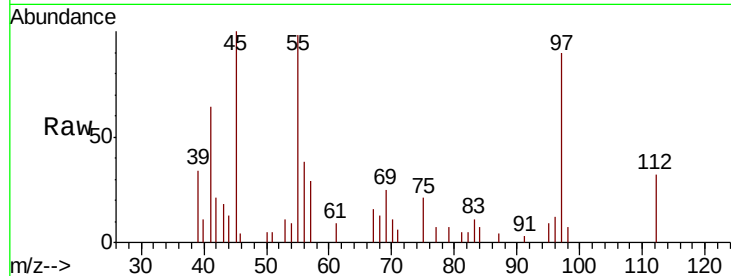




#44  
trans-1,3-Dichloropropene  
Concen: 0.052 ug/L  
RT: 8.37 min Scan# 2187  
Delta R.T. 0.15 min  
Lab File: VU040317.D  
Acq: 25 Sep 2020 22:06

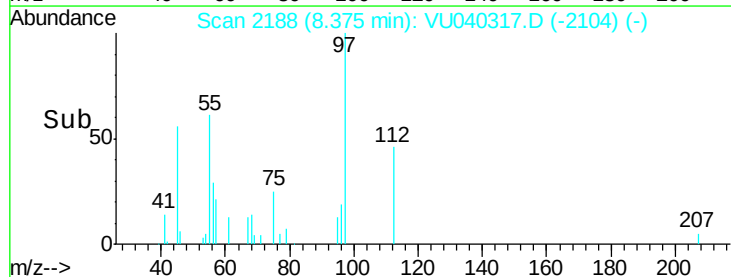
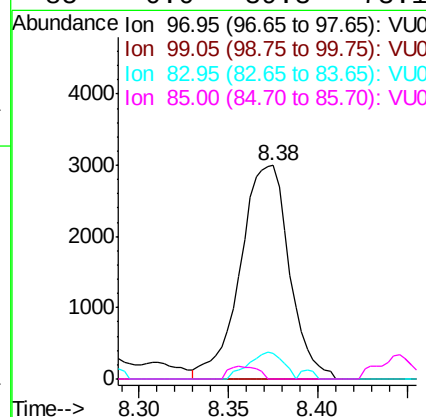
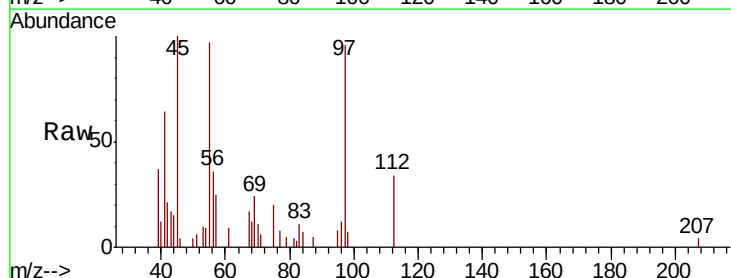
Instrument :  
MSVOA\_U  
ClientSampled :  
BG490

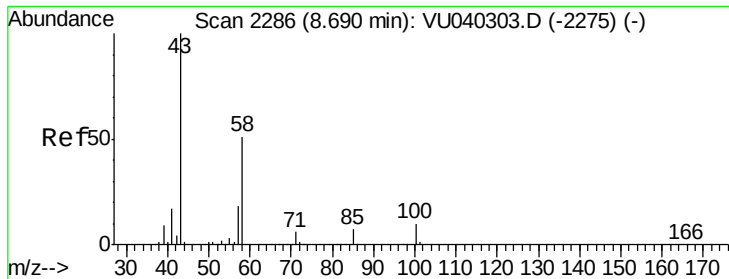
Tot Ion: 75 Resp: 949  
Ion Ratio Lower Upper  
75 100  
77 35.2 23.9 44.3



#45  
1,1,2-Trichloroethane  
Concen: 0.586 ug/L  
RT: 8.38 min Scan# 2188  
Delta R.T. -0.03 min  
Lab File: VU040317.D  
Acq: 25 Sep 2020 22:06

Tgt Ion: 97 Resp: 5740  
Ion Ratio Lower Upper  
97 100  
99 0.0 43.0 79.8#  
83 11.8 61.7 114.7#  
85 0.0 39.3 73.1#

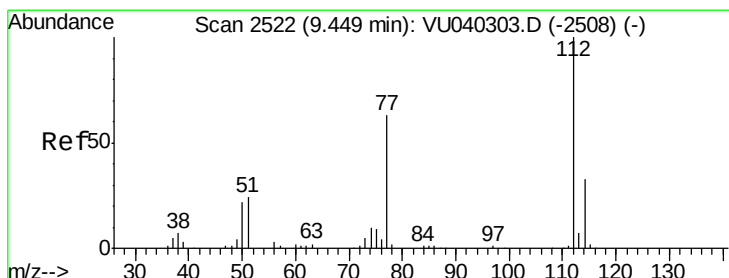
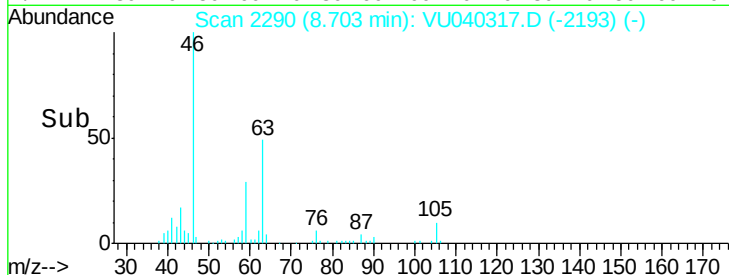
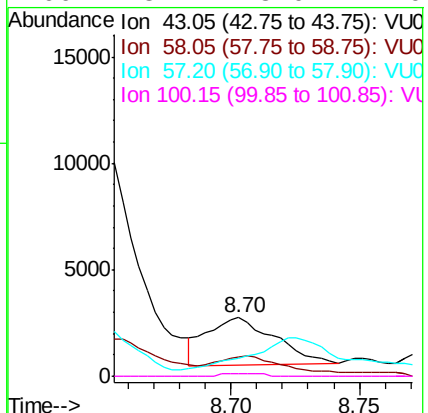
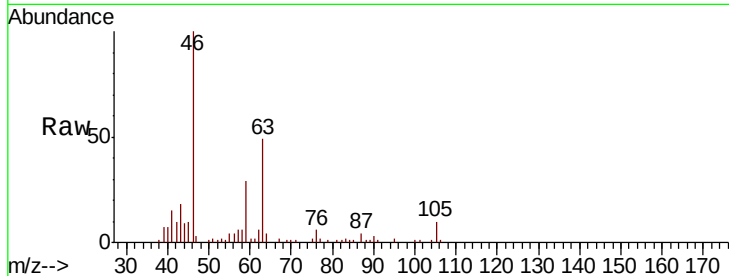




#48  
2-Hexanone  
Concen: 0.507 ug/L  
RT: 8.70 min Scan# 2290  
Delta R.T. 0.01 min  
Lab File: VU040317.D  
Acq: 25 Sep 2020 22:06

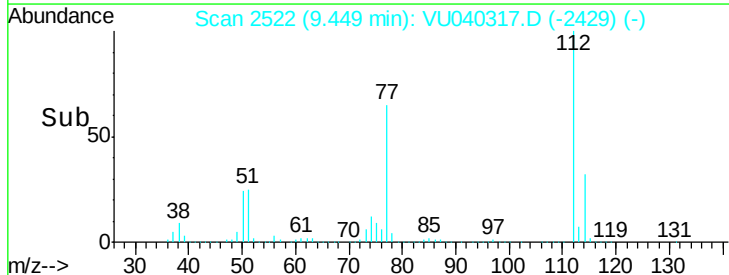
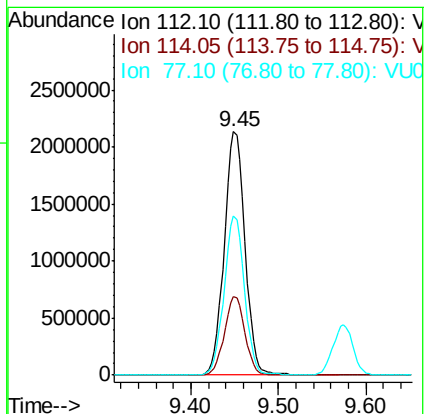
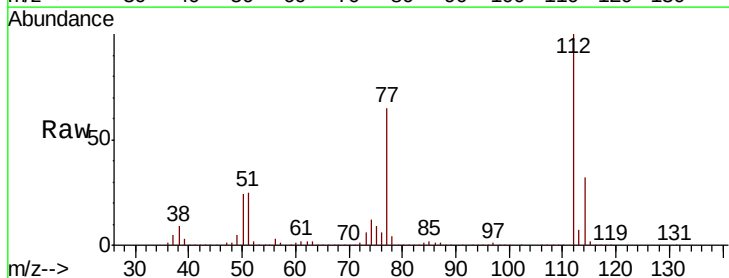
Instrument :  
MSVOA\_U  
ClientSampleId :  
BG490

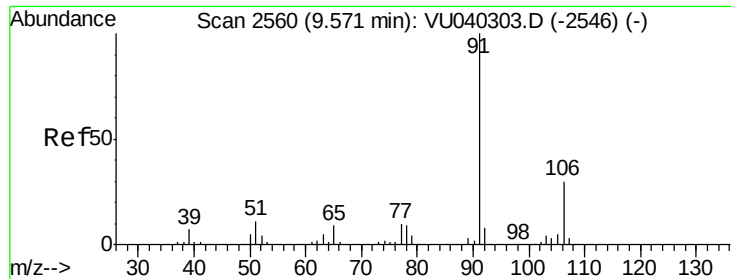
Tot Ion: 43 Resp: 4077  
Ion Ratio Lower Upper  
43 100  
58 48.3 39.6 59.4  
57 112.1 14.3 21.5#  
100 3.7 8.0 12.0#



#51  
Chlorobenzene  
Concen: 110.845 ug/L  
RT: 9.45 min Scan# 2522  
Delta R.T. -0.00 min  
Lab File: VU040317.D  
Acq: 25 Sep 2020 22:06

Tgt Ion: 112 Resp: 3517286  
Ion Ratio Lower Upper  
112 100  
114 32.1 22.7 42.3  
77 65.3 53.2 79.8





#52

Ethylbenzene

Concen: 131.265 ug/L

RT: 9.57 min Scan# 2561

Delta R.T. 0.00 min

Lab File: VU040317.D

Acq: 25 Sep 2020 22:06

Instrument :

MSVOA\_U

ClientSampleId :

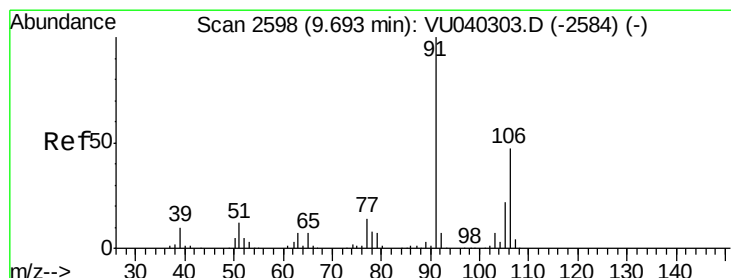
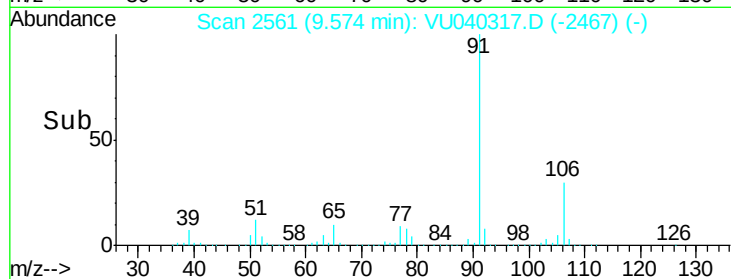
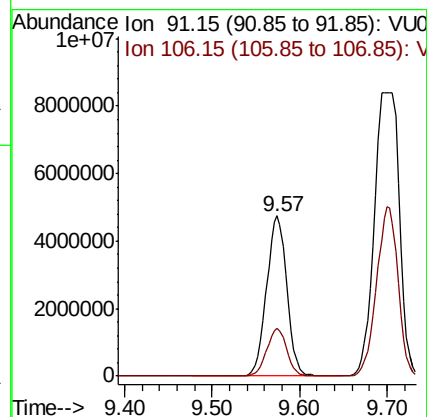
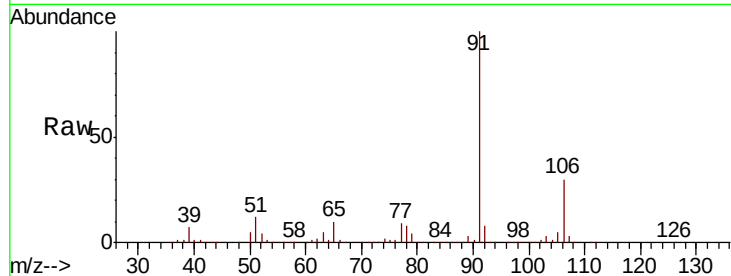
BG490

Tot Ion: 91 Resp: 7622584

Ion Ratio Lower Upper

91 100

106 29.6 21.0 39.0



#53

m,p-Xylene

Concen: 412.036 ug/L

RT: 9.70 min Scan# 2600

Delta R.T. 0.01 min

Lab File: VU040317.D

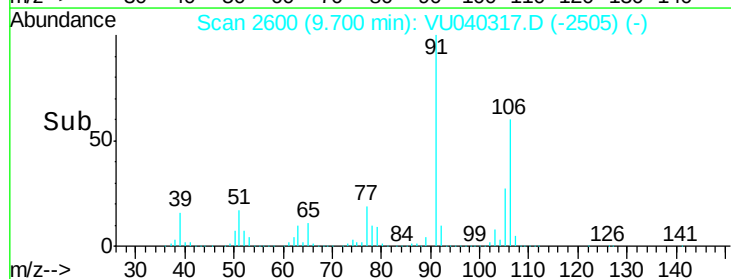
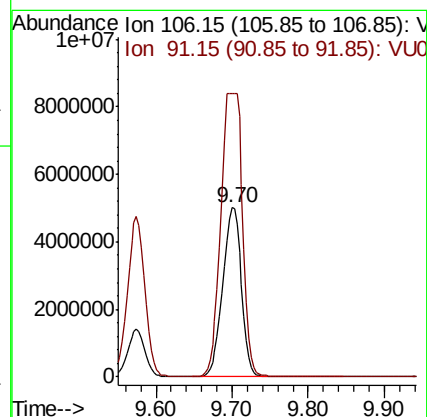
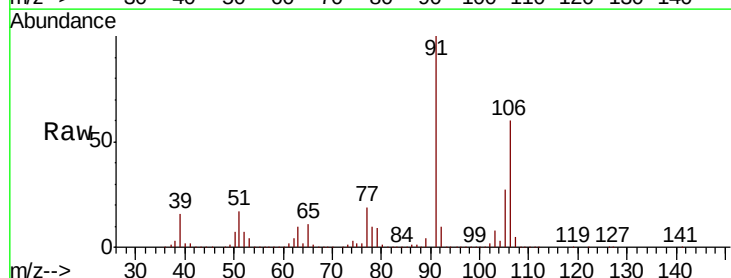
Acq: 25 Sep 2020 22:06

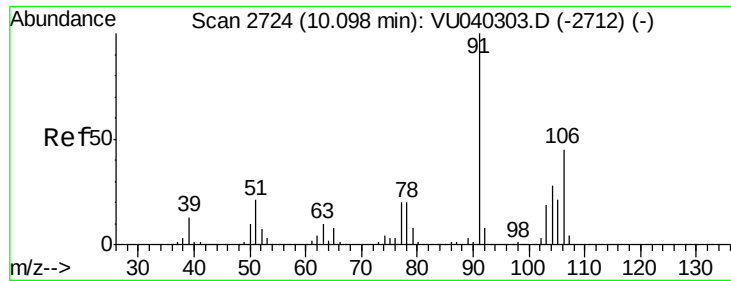
Tgt Ion: 106 Resp: 8518924

Ion Ratio Lower Upper

106 100

91 167.6 151.7 281.7

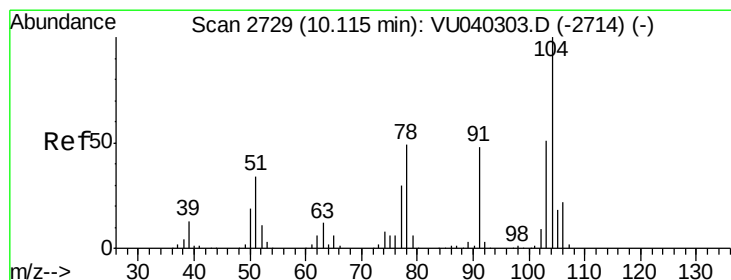
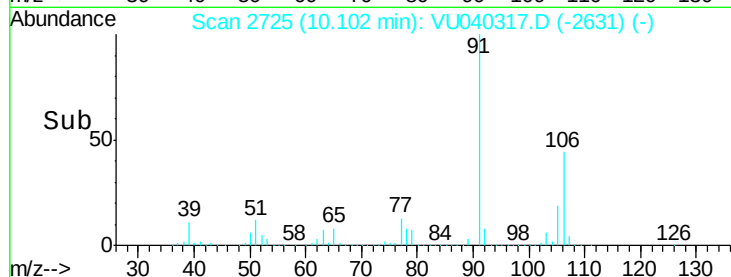
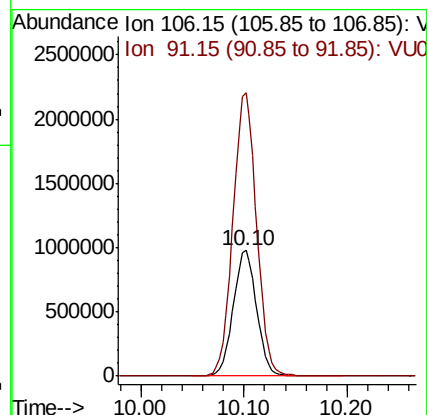
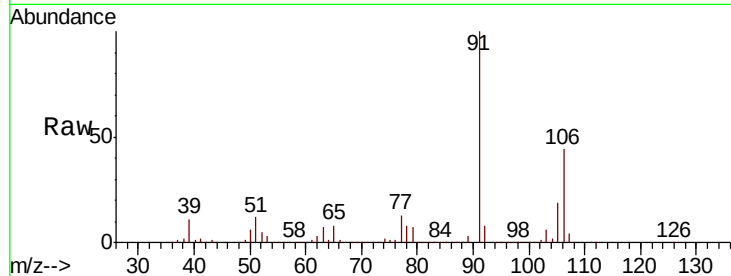




#54  
o-Xylene  
Concen: 78.642 ug/L  
RT: 10.10 min Scan# 2725  
Delta R.T. 0.00 min  
Lab File: VU040317.D  
Acq: 25 Sep 2020 22:06

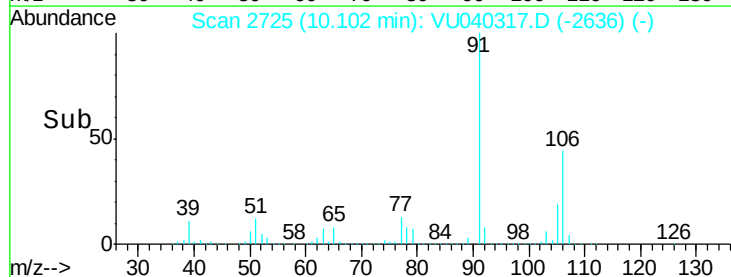
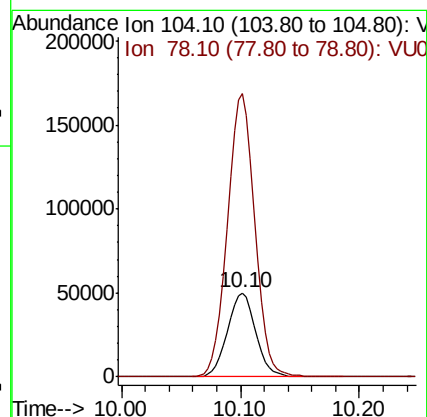
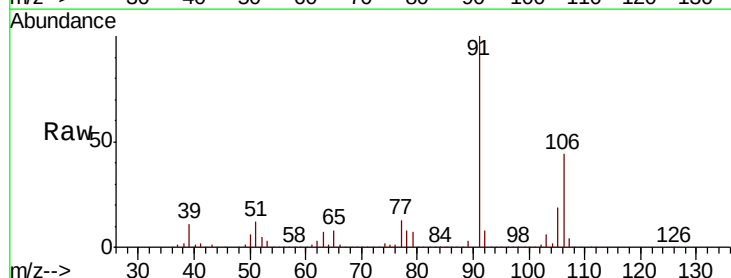
Instrument :  
MSVOA\_U  
ClientSampleId :  
BG490

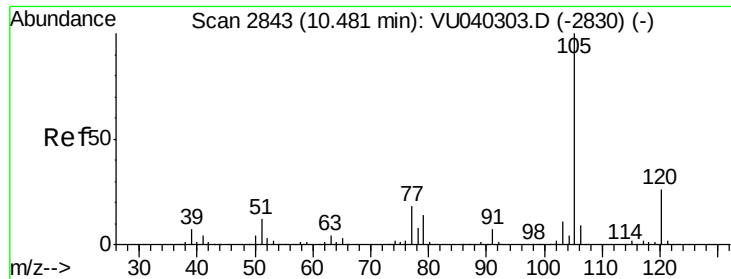
Tot Ion:106 Resp: 1549401  
Ion Ratio Lower Upper  
106 100  
91 225.4 160.8 298.6



#55  
Styrene  
Concen: 2.397 ug/L  
RT: 10.10 min Scan# 2725  
Delta R.T. -0.01 min  
Lab File: VU040317.D  
Acq: 25 Sep 2020 22:06

Tgt Ion:104 Resp: 82131  
Ion Ratio Lower Upper  
104 100  
78 335.7 36.8 68.3#





#56

Isopropylbenzene

Concen: 19.401 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU040317.D

Acq: 25 Sep 2020 22:06

Instrument :

MSVOA\_U

ClientSampled :

BG490

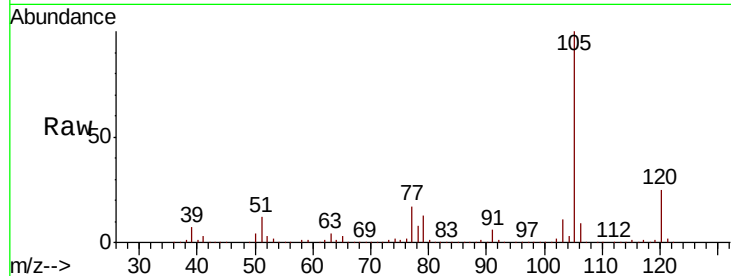
Tot Ion:105 Resp: 1042449

Ion Ratio Lower Upper

105 100

120 25.3 20.1 30.1

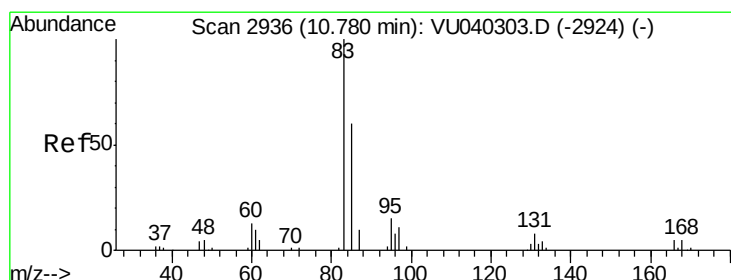
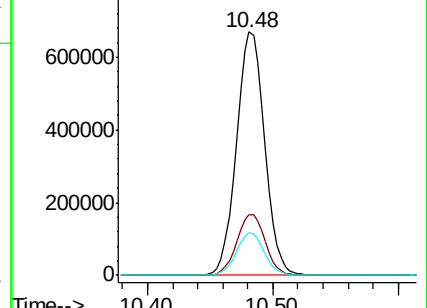
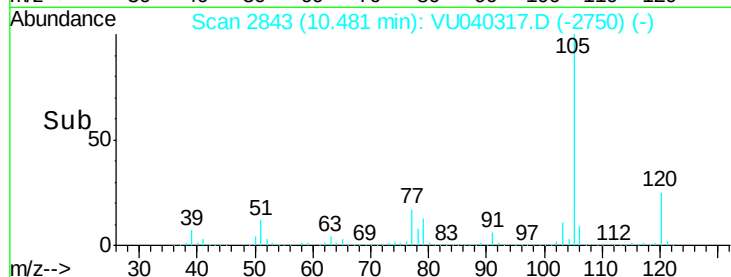
77 17.5 14.4 21.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 0.418 ug/L

RT: 10.80 min Scan# 2941

Delta R.T. 0.02 min

Lab File: VU040317.D

Acq: 25 Sep 2020 22:06

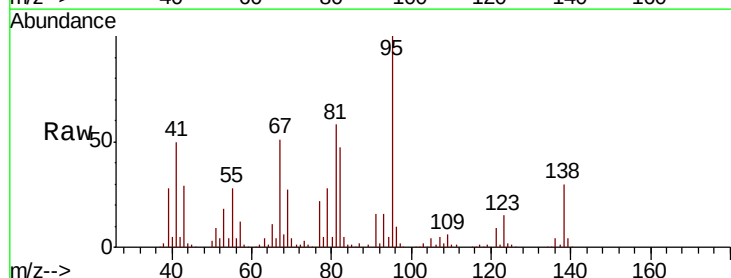
Tgt Ion: 83 Resp: 5241

Ion Ratio Lower Upper

83 100

85 14.8 44.9 83.3#

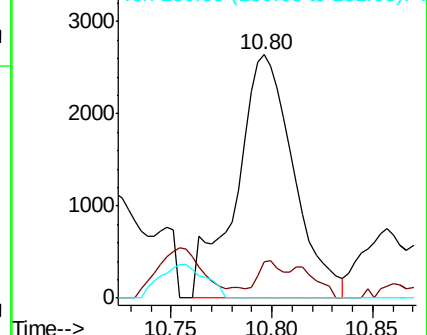
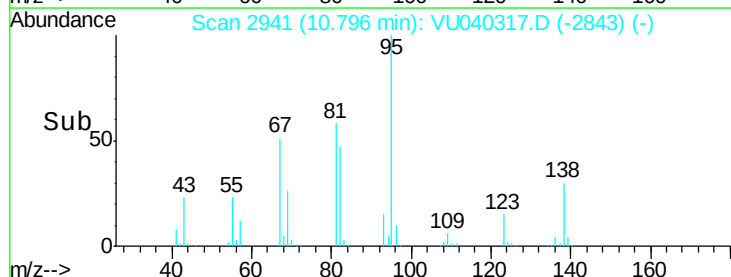
131 0.0 7.4 11.0#



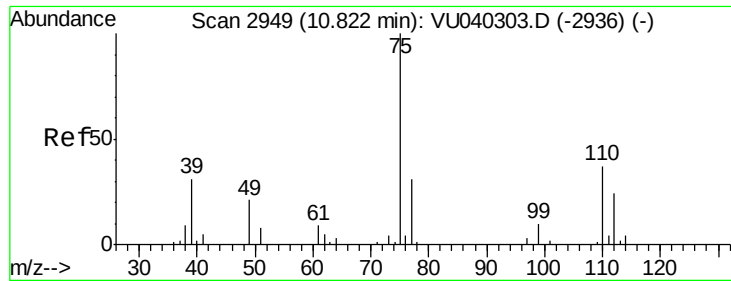
Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V



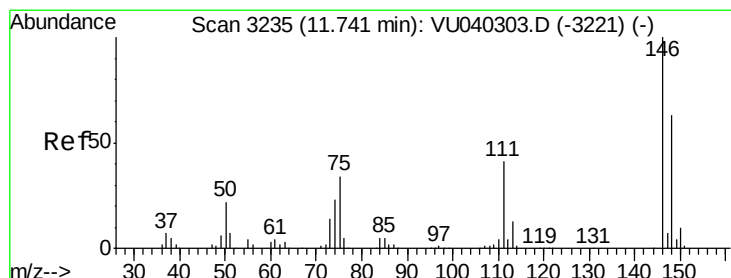
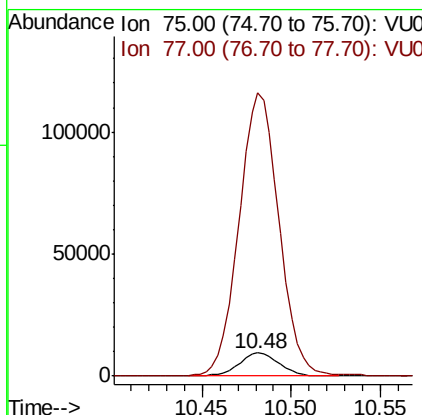
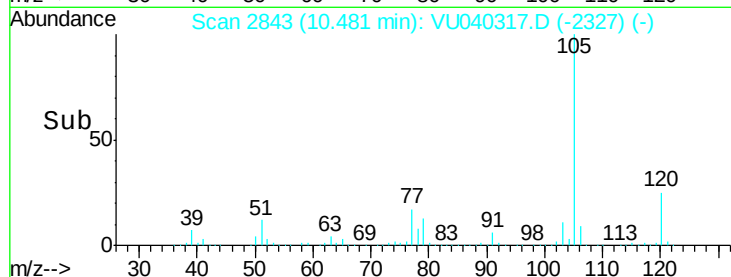
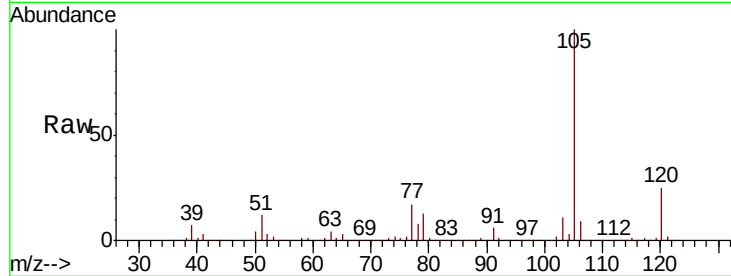




#59  
 1,2,3-Trichloropropane  
 Concen: 1.505 ug/L  
 RT: 10.48 min Scan# 2843  
 Delta R.T. -0.34 min  
 Lab File: VU040317.D  
 Acq: 25 Sep 2020 22:06

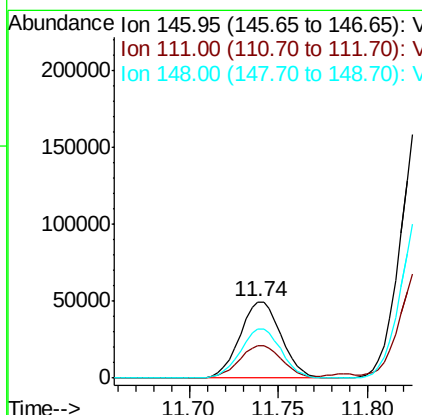
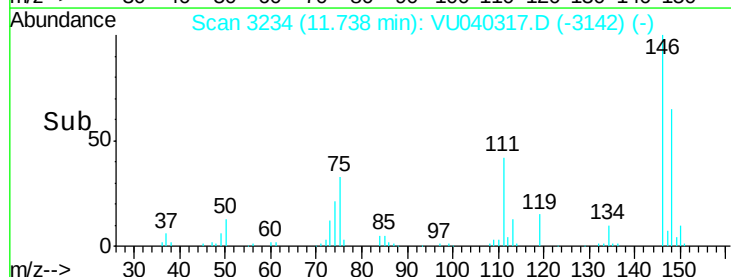
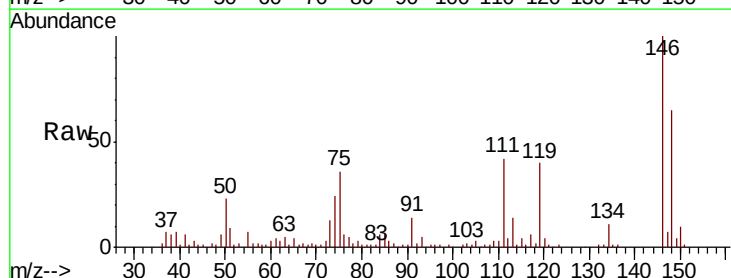
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 BG490

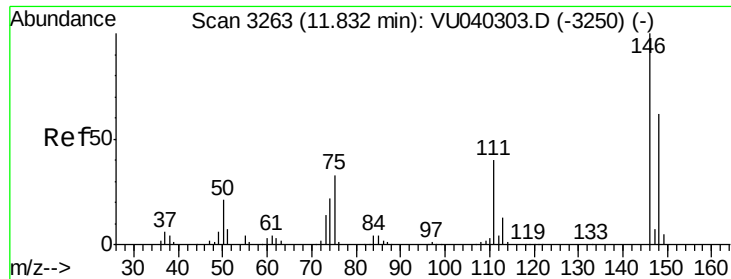
Tot Ion: 75 Resp: 14979  
 Ion Ratio Lower Upper  
 75 100  
 77 1215.0 24.9 37.3#



#62  
 1,3-Dichlorobenzene  
 Concen: 3.064 ug/L  
 RT: 11.74 min Scan# 3234  
 Delta R.T. -0.00 min  
 Lab File: VU040317.D  
 Acq: 25 Sep 2020 22:06

Tgt Ion: 146 Resp: 80127  
 Ion Ratio Lower Upper  
 146 100  
 111 42.2 31.6 58.8  
 148 64.7 44.2 82.0

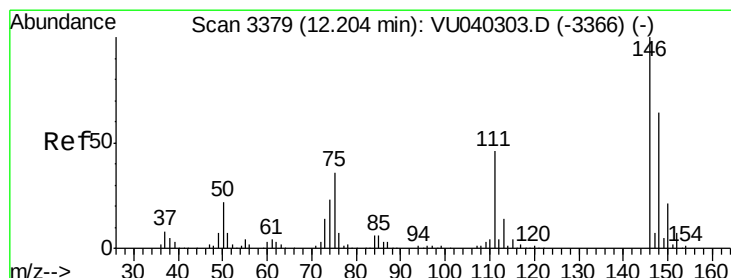
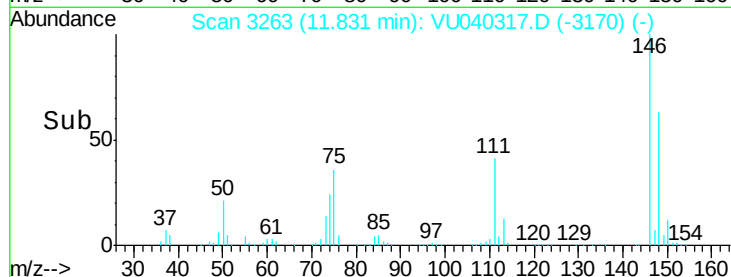
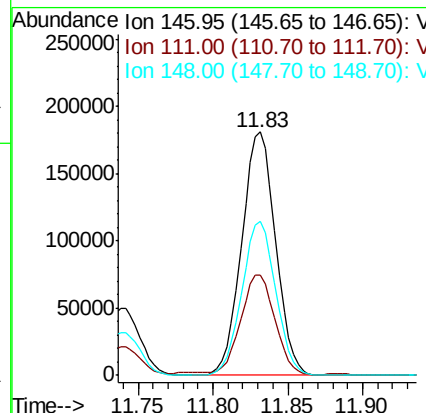
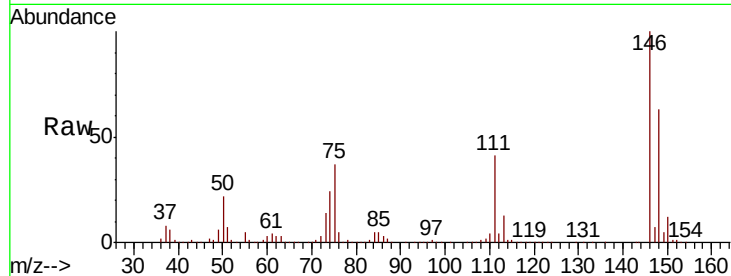




#63  
 1,4-Dichlorobenzene  
 Concen: 10.794 ug/L  
 RT: 11.83 min Scan# 3263  
 Delta R.T. -0.00 min  
 Lab File: VU040317.D  
 Acq: 25 Sep 2020 22:06

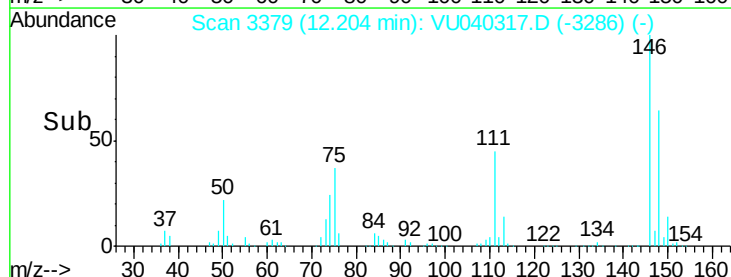
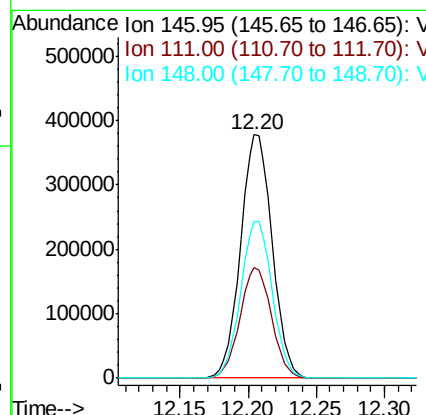
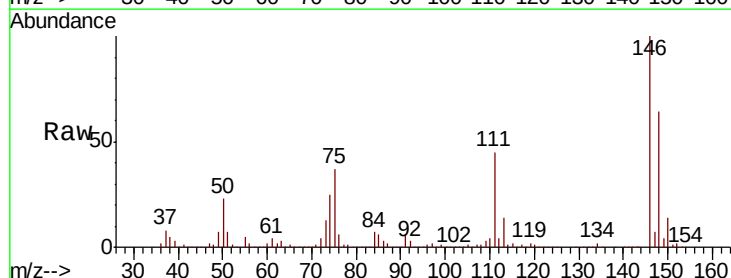
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BG490

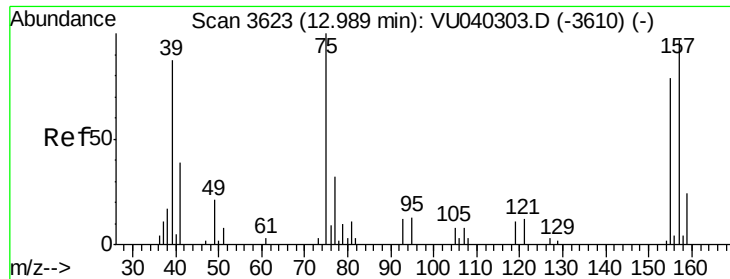
Tot Ion:146 Resp: 285577  
 Ion Ratio Lower Upper  
 146 100  
 111 41.3 30.5 56.7  
 148 63.2 45.4 84.4



#65  
 1,2-Dichlorobenzene  
 Concen: 23.990 ug/L  
 RT: 12.20 min Scan# 3379  
 Delta R.T. -0.00 min  
 Lab File: VU040317.D  
 Acq: 25 Sep 2020 22:06

Tgt Ion:146 Resp: 606946  
 Ion Ratio Lower Upper  
 146 100  
 111 45.3 36.5 54.7  
 148 64.5 48.6 72.8

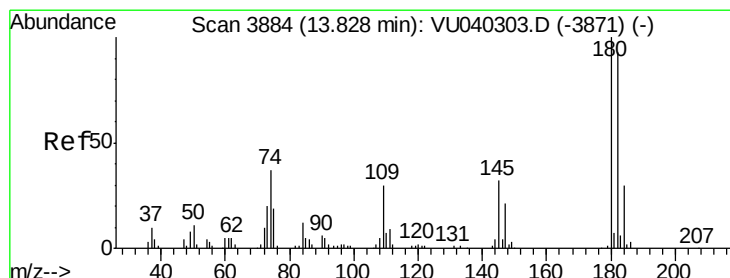
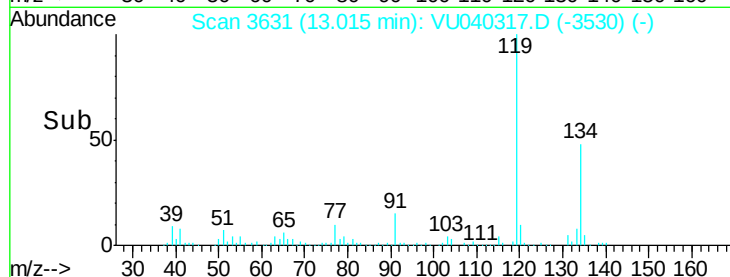
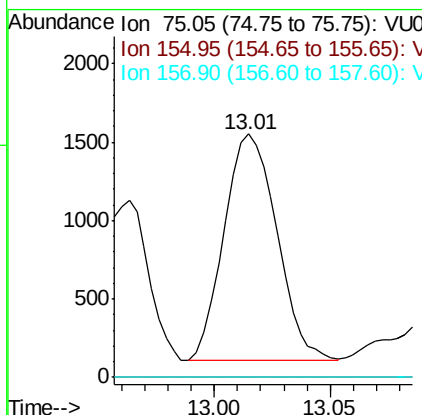
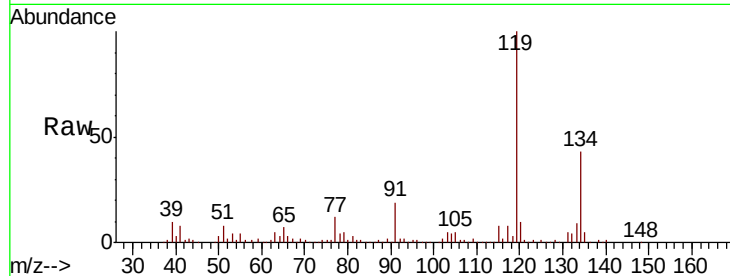




#66  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.845 ug/L  
 RT: 13.01 min Scan# 3631  
 Delta R.T. 0.03 min  
 Lab File: VU040317.D  
 Acq: 25 Sep 2020 22:06

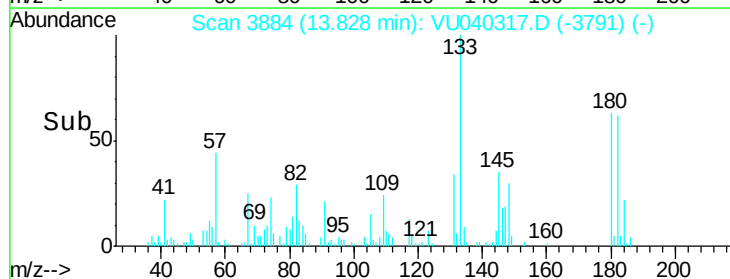
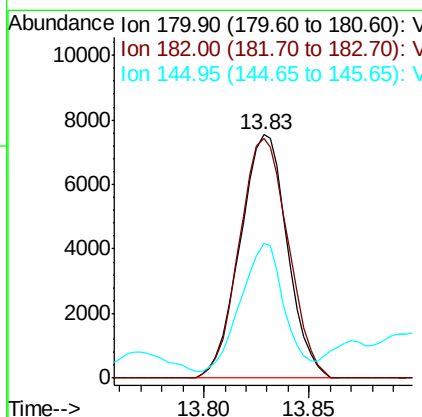
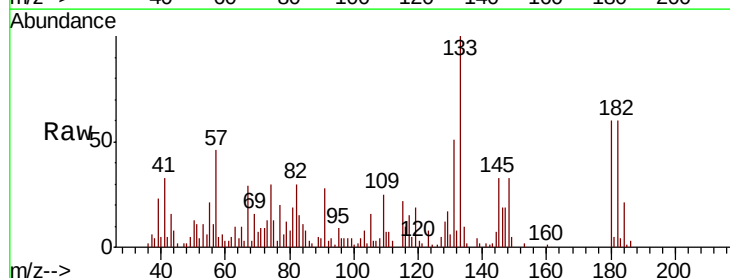
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BG490

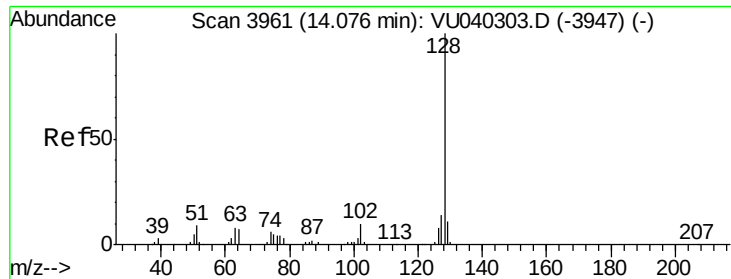
Tot Ion: 75 Resp: 2287  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 54.6 82.0#  
 157 0.0 75.6 113.4#



#68  
 1,2,4-trichlorobenzene  
 Concen: 0.742 ug/L  
 RT: 13.83 min Scan# 3884  
 Delta R.T. -0.00 min  
 Lab File: VU040317.D  
 Acq: 25 Sep 2020 22:06

Tgt Ion: 180 Resp: 11748  
 Ion Ratio Lower Upper  
 180 100  
 182 101.9 76.0 114.0  
 145 48.0 28.4 42.6#





#69

Naphthalene

Concen: 150.255 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU040317.D

Acq: 25 Sep 2020 22:06

Instrument :

MSVOA\_U

ClientSampleId :

BG490

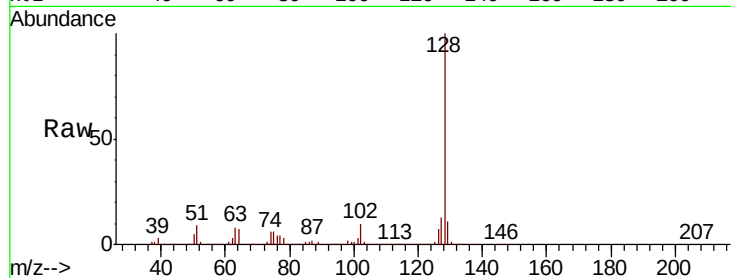
Tot Ion:128 Resp: 4959701

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.1 10.7 16.1



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

