

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\  
 Data File : VU041705.D  
 Acq On : 21 Dec 2020 17:03  
 Operator : SY/MD  
 Sample : L5162-08  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GB254

Quant Time: Dec 22 08:39:30 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Dec 22 02:49:59 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 143401   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 134278   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 61279    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 46998    | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.80%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 45971    | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 106.00% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 76409    | 3.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 74.00%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 194595   | 60.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 120.86% |
| 24) Chloroform-d               | 5.08   | 84    | 101537   | 5.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.80% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 55655    | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.20% |
| 32) Benzene-d6                 | 5.74   | 84    | 180434   | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 62859    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 104.20% |
| 41) Toluene-d8                 | 7.90   | 98    | 166563   | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.00%  |
| 43) trans-1,3-Dichloropropene- | 8.18   | 79    | 25462    | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 94.00%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 169187   | 57.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 114.18% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 58929    | 5.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 107.60% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 57807    | 5.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.20% |

## Target Compounds

|                                |      |     |        |         | Ovalue    |
|--------------------------------|------|-----|--------|---------|-----------|
| 2) Dichlorodifluoromethane     | 1.39 | 85  | 51551  | 4.243   | ug/L 100  |
| 5) Vinyl chloride              | 1.61 | 62  | 61422  | 4.713   | ug/L 96   |
| 8) Chloroethane                | 1.94 | 64  | 134300 | 15.171  | ug/L 98   |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.59 | 101 | 115848 | 11.743  | ug/L 97   |
| 12) 1,1-Dichloroethene         | 2.59 | 96  | 23860  | 2.453   | ug/L # 79 |
| 13) Acetone                    | 2.67 | 43  | 329380 | 160.799 | ug/L 95   |
| 15) Methyl Acetate             | 2.97 | 43  | 55724  | 10.464  | ug/L 94   |
| 16) Methylene chloride         | 3.06 | 84  | 3022   | 0.260   | ug/L 97   |
| 18) trans-1,2-Dichloroethene   | 3.37 | 96  | 30983  | 3.079   | ug/L 97   |
| 19) 1,1-Dichloroethane         | 3.88 | 63  | 41956  | 2.231   | ug/L 98   |
| 22) cis-1,2-Dichloroethene     | 4.68 | 96  | 47845  | 4.302   | ug/L 100  |
| 23) Bromochloromethane         | 4.99 | 128 | 29385  | 5.752   | ug/L 92   |
| 25) Chloroform                 | 5.10 | 83  | 165344 | 8.731   | ug/L 99   |
| 27) 1,2-Dichloroethane         | 5.81 | 62  | 29050  | 2.265   | ug/L # 94 |
| 29) 1,1,1-Trichloroethane      | 5.33 | 97  | 35769  | 2.320   | ug/L 99   |
| 31) Carbon tetrachloride       | 5.54 | 117 | 47238  | 3.543   | ug/L 97   |
| 34) Trichloroethene            | 6.55 | 95  | 24602  | 2.280   | ug/L 98   |

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 GB254

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Dec 22 02:49:59 2020  
 Response via : Initial Calibration

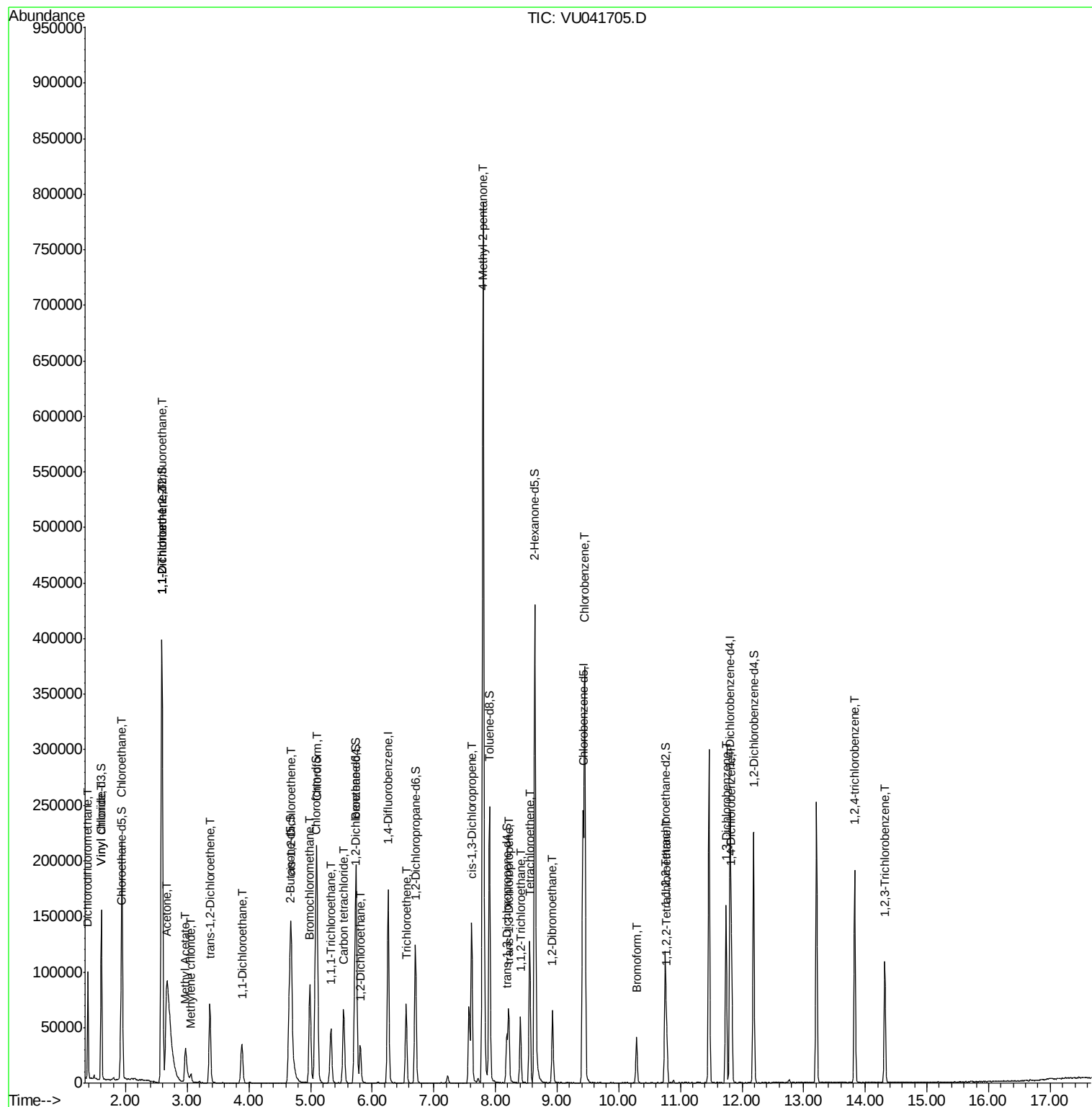
| Internal Standards            | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|-------|------|----------|--------|-------|----------|
| 39) cis-1,3-Dichloropropene   | 7.61  | 75   | 89763    | 5.515  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.80  | 43   | 536702   | 68.666 | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 8.21  | 75   | 38647    | 2.655  | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 8.40  | 97   | 19183    | 2.361  | ug/L  | 97       |
| 47) Tetrachloroethene         | 8.56  | 164  | 27135    | 3.592  | ug/L  | 96       |
| 50) 1,2-Dibromoethane         | 8.92  | 107  | 44767    | 5.571  | ug/L  | 100      |
| 51) Chlorobenzene             | 9.45  | 112  | 201377   | 7.307  | ug/L  | 98       |
| 58) 1,1,2,2-Tetrachloroethane | 10.78 | 83   | 22224    | 1.966  | ug/L  | 96       |
| 61) Bromoform                 | 10.29 | 173  | 18311    | 3.953  | ug/L  | 96       |
| 62) 1,3-Dichlorobenzene       | 11.74 | 146  | 65236    | 3.481  | ug/L  | 99       |
| 63) 1,4-Dichlorobenzene       | 11.83 | 146  | 44073    | 2.339  | ug/L  | 99       |
| 68) 1,2,4-trichlorobenzene    | 13.83 | 180  | 56869    | 4.764  | ug/L  | 99       |
| 70) 1,2,3-Trichlorobenzene    | 14.32 | 180  | 32663    | 2.871  | ug/L  | 100      |

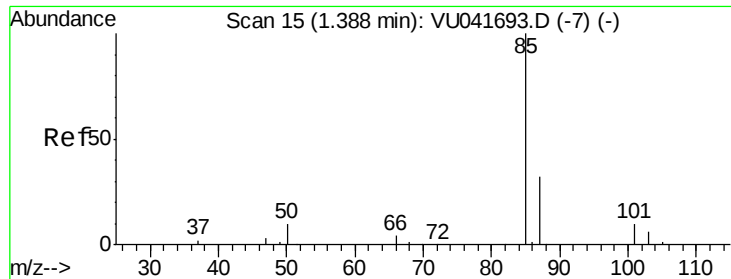
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#2

Dichlorodifluoromethane

Concen: 4.243 ug/L

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

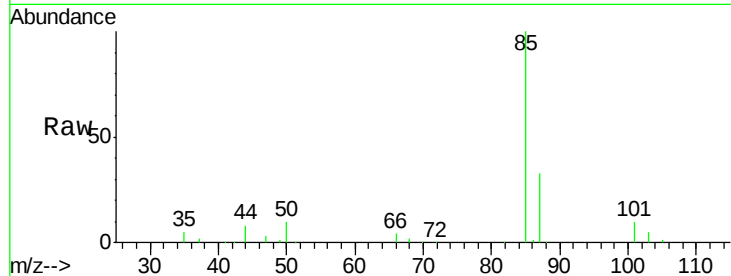
GB254

Tot Ion: 85 Resp: 51551

Ion Ratio Lower Upper

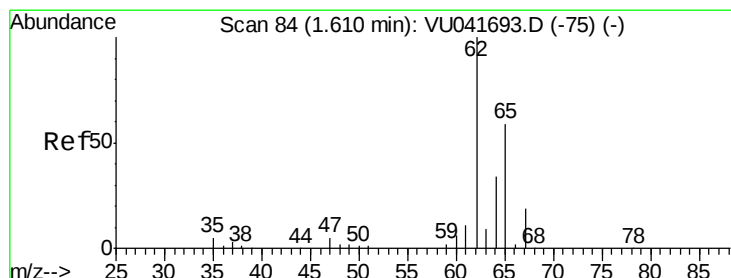
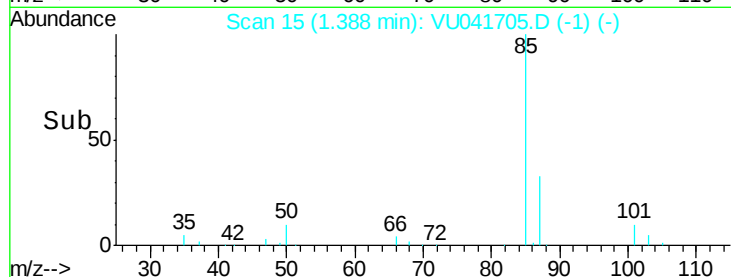
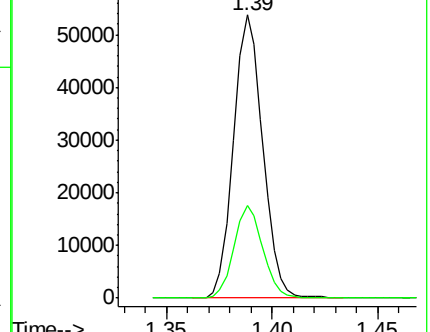
85 100

87 32.3 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VU041693.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VU041693.D (-7) (-)



#5

Vinyl chloride

Concen: 4.713 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU041705.D

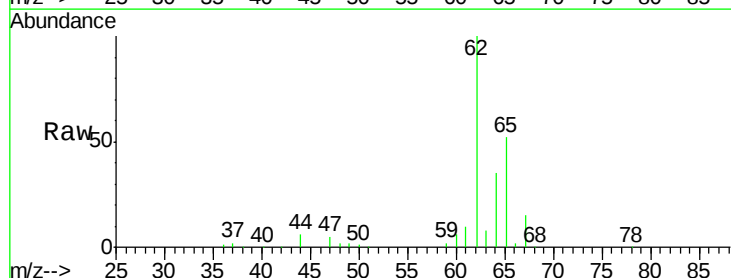
Acq: 21 Dec 2020 17:03

Tgt Ion: 62 Resp: 61422

Ion Ratio Lower Upper

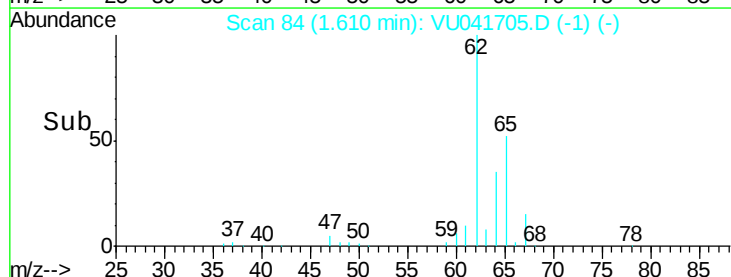
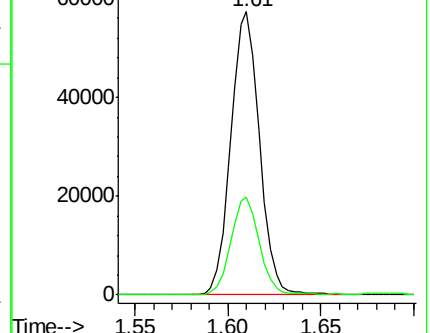
62 100

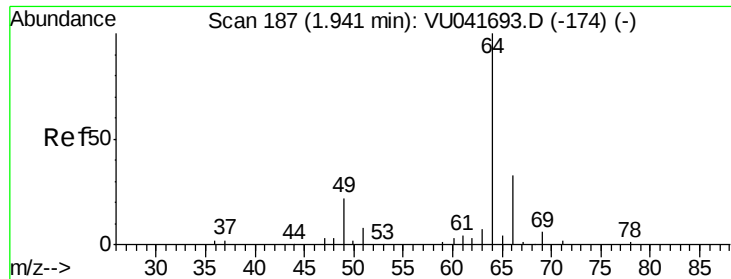
64 34.5 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VU041693.D (-75) (-)

Ion 64.10 (63.80 to 64.80): VU041693.D (-75) (-)

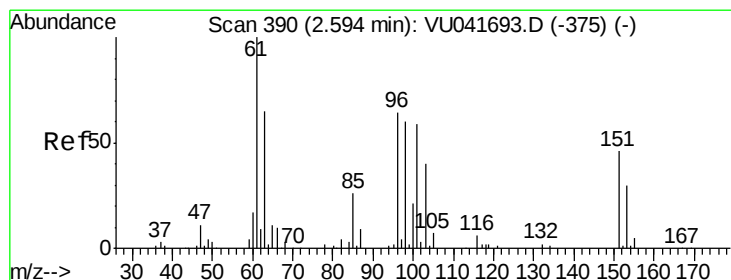
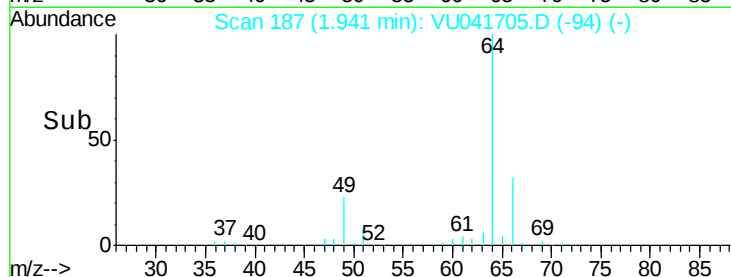
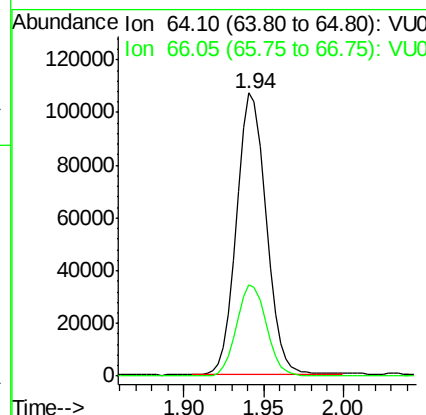
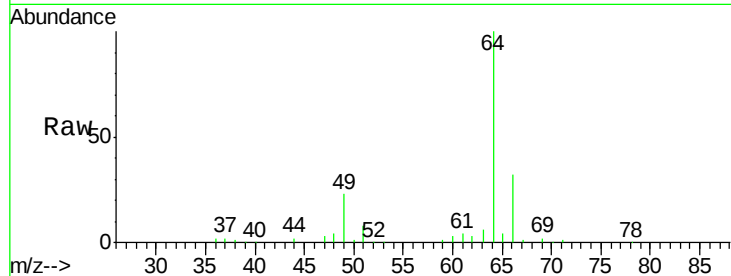




#8  
Chloroethane  
Concen: 15.171 ug/L  
RT: 1.94 min Scan# 187  
Delta R.T. -0.00 min  
Lab File: VU041705.D  
Acq: 21 Dec 2020 17:03

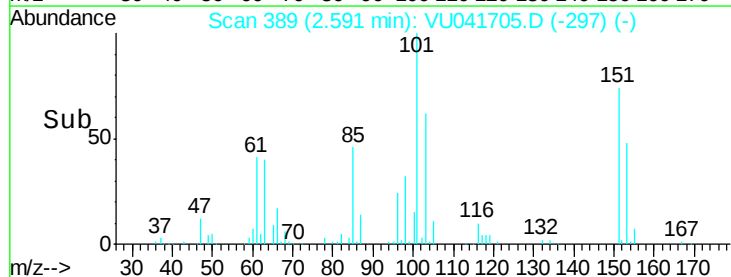
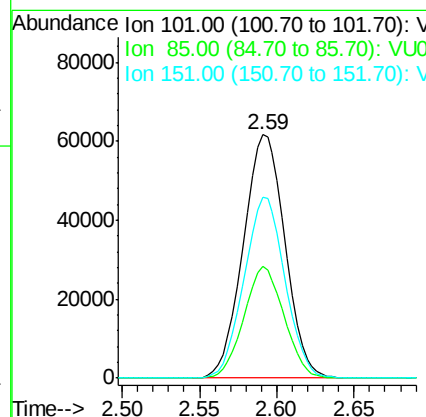
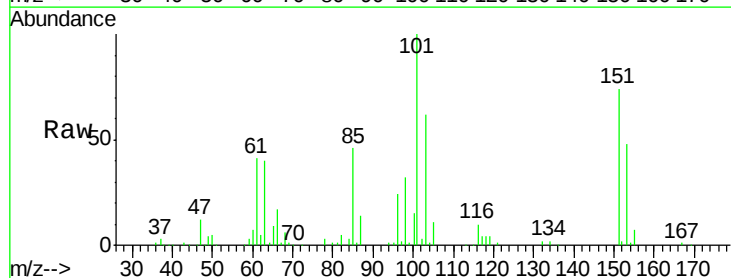
Instrument :  
MSVOA\_U  
ClientSampled :  
GB254

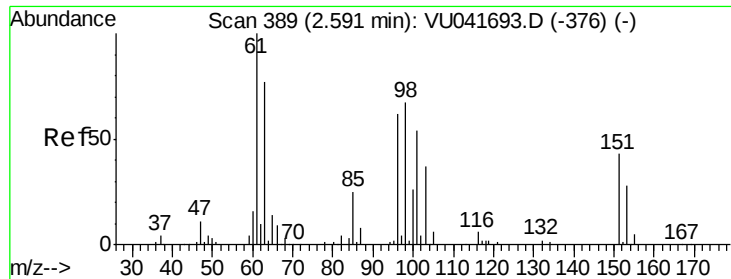
Tot Ion: 64 Resp: 134300  
Ion Ratio Lower Upper  
64 100  
66 32.1 21.6 40.0



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 11.743 ug/L  
RT: 2.59 min Scan# 389  
Delta R.T. -0.00 min  
Lab File: VU041705.D  
Acq: 21 Dec 2020 17:03

Tgt Ion:101 Resp: 115848  
Ion Ratio Lower Upper  
101 100  
85 44.0 33.6 50.4  
151 73.2 56.2 84.4

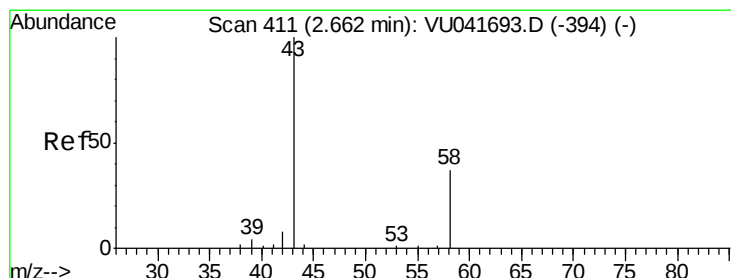
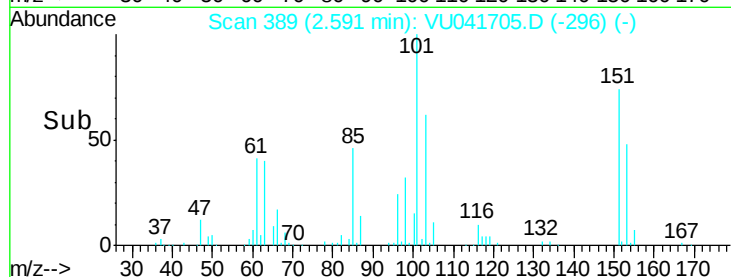
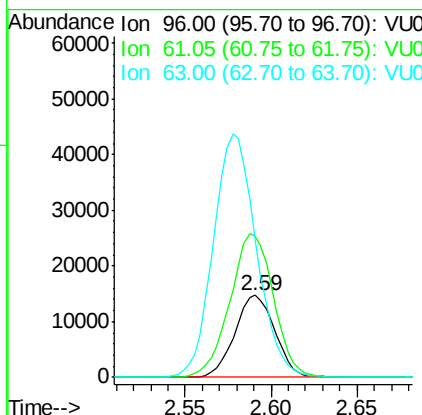
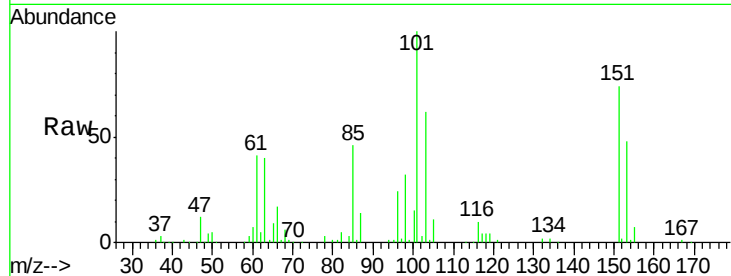




#12  
 1,1-Dichloroethene  
 Concen: 2.453 ug/L  
 RT: 2.59 min Scan# 389  
 Delta R.T. -0.00 min  
 Lab File: VU041705.D  
 Acq: 21 Dec 2020 17:03

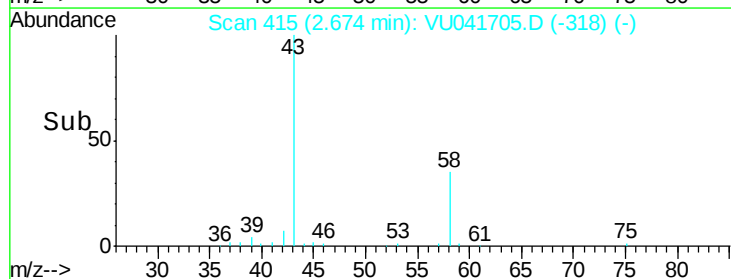
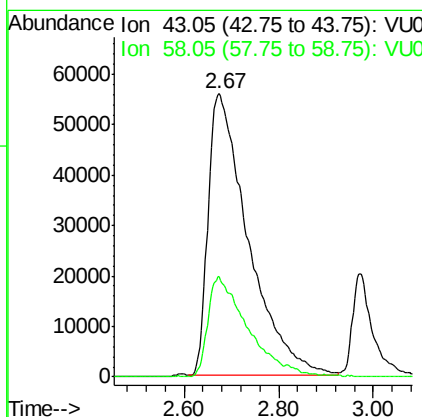
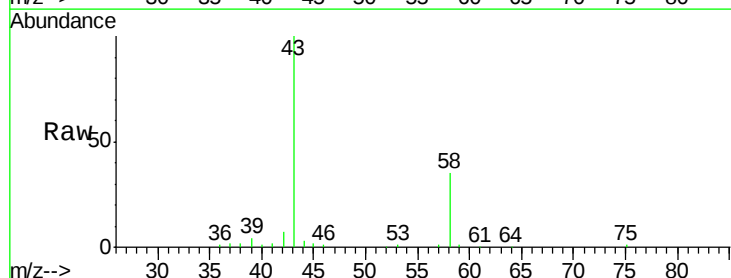
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GB254

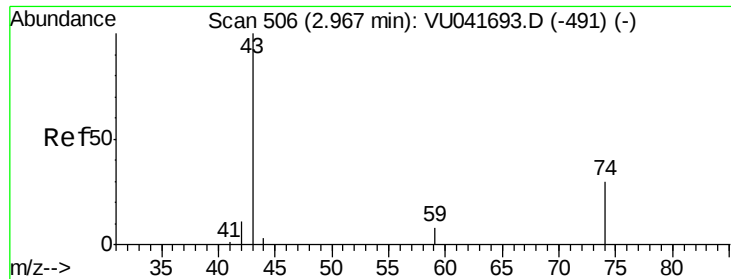
Tot Ion: 96 Resp: 23860  
 Ion Ratio Lower Upper  
 96 100  
 61 172.4 123.8 230.0  
 63 169.2 81.0 150.4#



#13  
 Acetone  
 Concen: 160.799 ug/L  
 RT: 2.67 min Scan# 415  
 Delta R.T. 0.01 min  
 Lab File: VU041705.D  
 Acq: 21 Dec 2020 17:03

Tgt Ion: 43 Resp: 329380  
 Ion Ratio Lower Upper  
 43 100  
 58 33.6 0.0 73.2

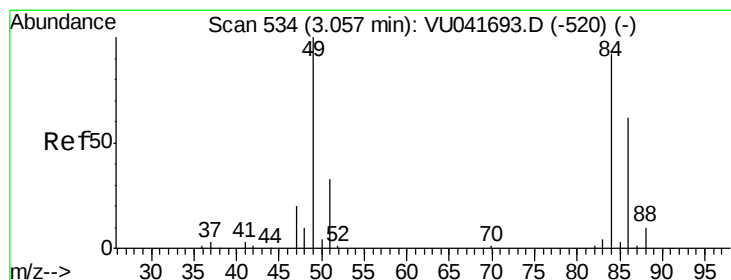
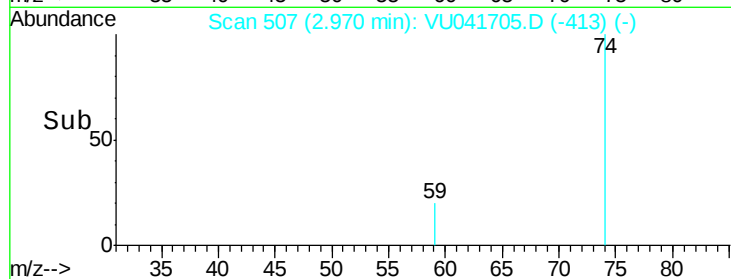
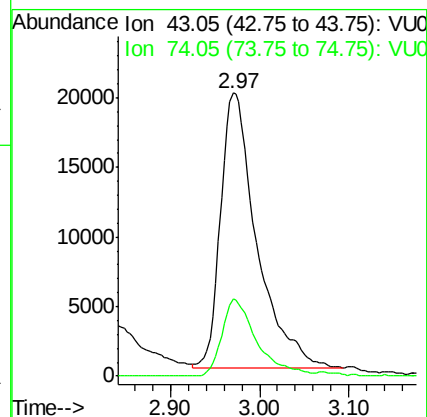
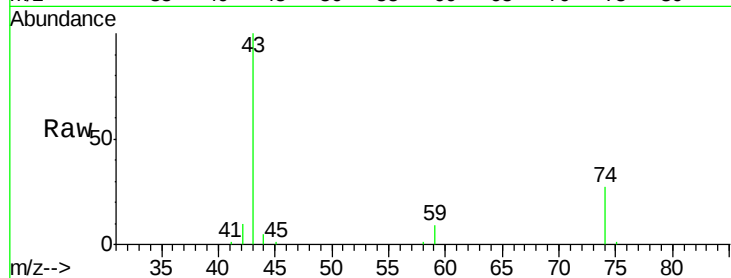




#15  
Methvl Acetate  
Concen: 10.464 ug/L  
RT: 2.97 min Scan# 507  
Delta R.T. 0.00 min  
Lab File: VU041705.D  
Acq: 21 Dec 2020 17:03

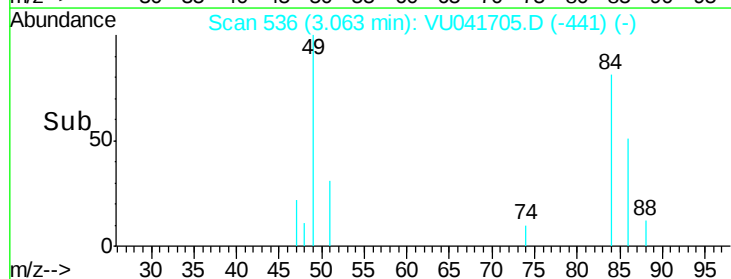
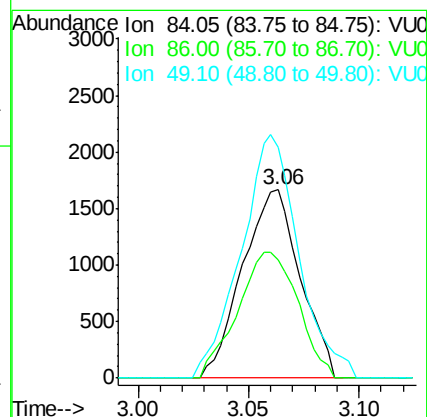
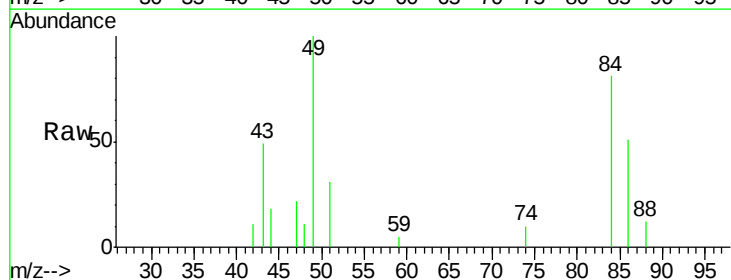
Instrument :  
MSVOA\_U  
ClientSampleId :  
GB254

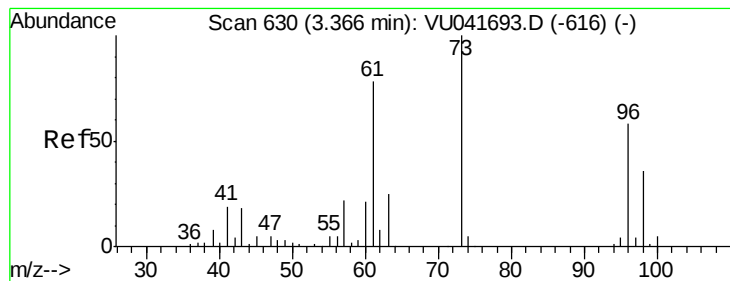
Tot Ion: 43 Resp: 55724  
Ion Ratio Lower Upper  
43 100  
74 27.1 19.2 28.8



#16  
Methylene chloride  
Concen: 0.260 ug/L  
RT: 3.06 min Scan# 536  
Delta R.T. 0.01 min  
Lab File: VU041705.D  
Acq: 21 Dec 2020 17:03

Tgt Ion: 84 Resp: 3022  
Ion Ratio Lower Upper  
84 100  
86 62.5 45.1 83.7  
49 122.7 83.1 154.3





#18

trans-1,2-Dichloroethene

Concen: 3.079 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

GB254

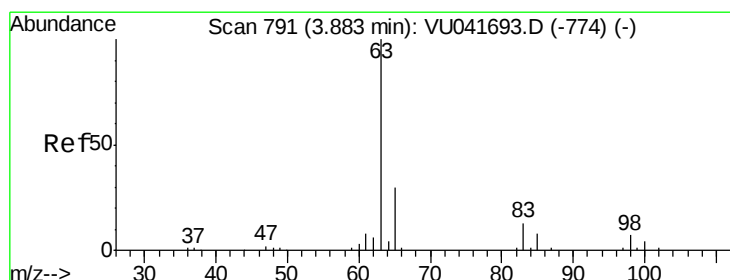
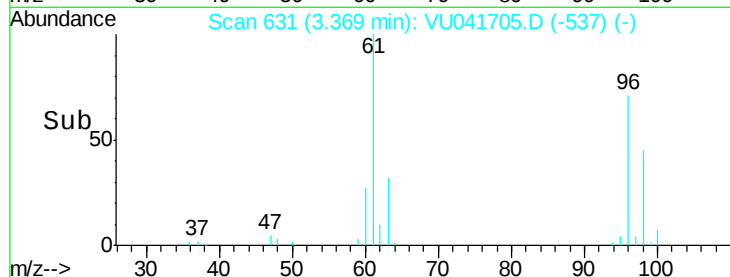
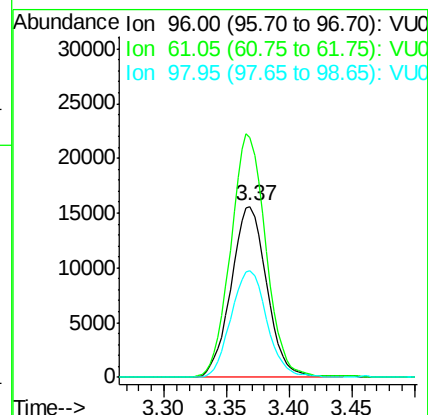
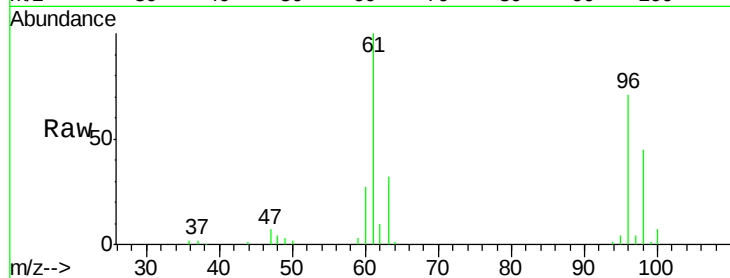
Tot Ion: 96 Resp: 30983

Ion Ratio Lower Upper

96 100

61 140.6 101.8 189.0

98 62.6 44.4 82.5



#19

1,1-Dichloroethane

Concen: 2.231 ug/L

RT: 3.88 min Scan# 791

Delta R.T. -0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

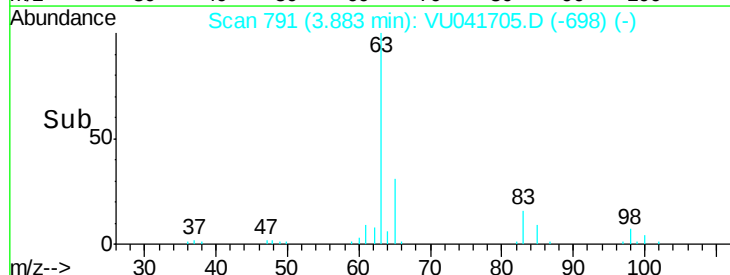
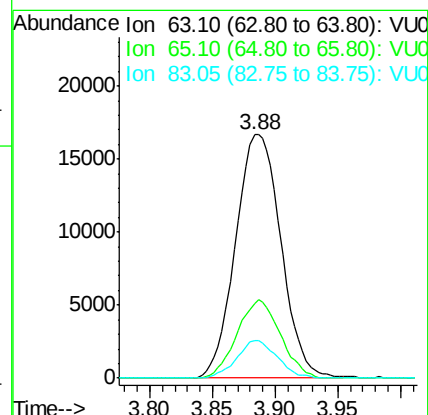
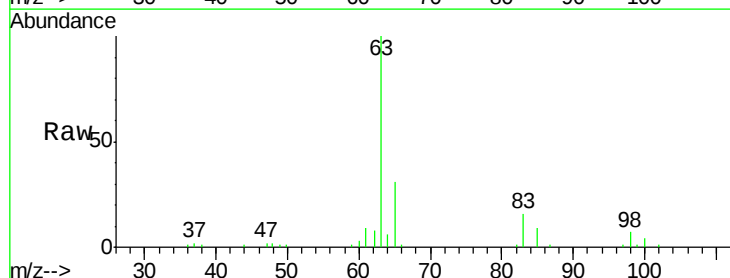
Tgt Ion: 63 Resp: 41956

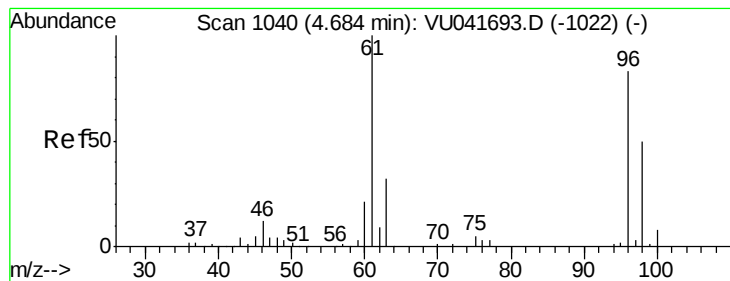
Ion Ratio Lower Upper

63 100

65 30.7 21.3 39.6

83 15.7 9.3 17.3





#22

cis-1,2-Dichloroethene

Concen: 4.302 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

GB254

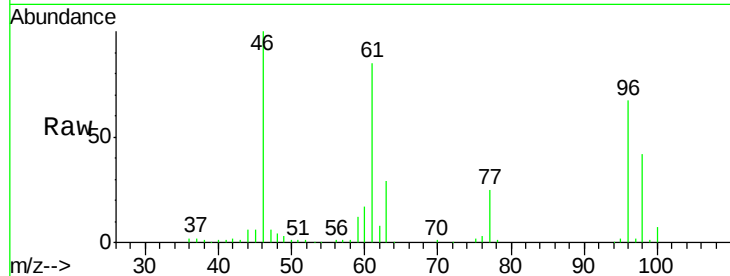
Tot Ion: 96 Resp: 47845

Ion Ratio Lower Upper

96 100

61 126.7 88.8 165.0

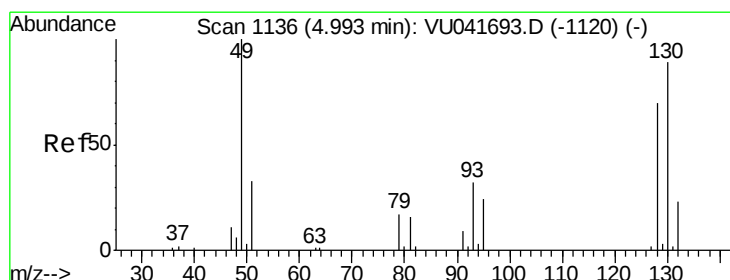
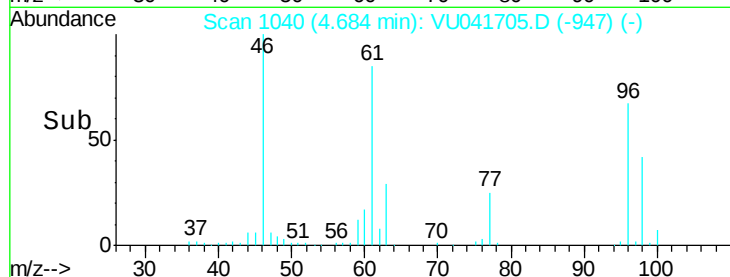
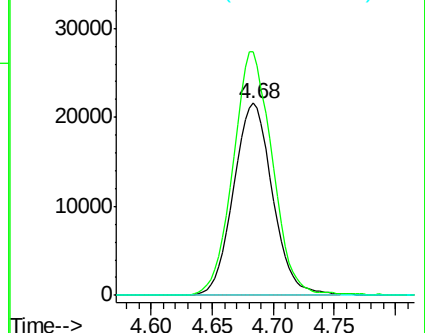
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041705.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU041705.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU041705.D (-947) (-)



#23

Bromochloromethane

Concen: 5.752 ug/L

RT: 4.99 min Scan# 1136

Delta R.T. -0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Tgt Ion: 128 Resp: 29385

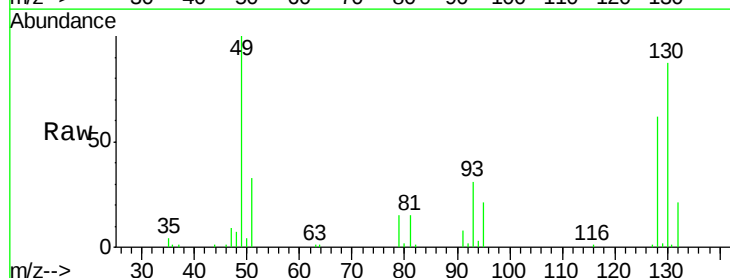
Ion Ratio Lower Upper

128 100

49 160.1 109.3 203.1

130 140.0 84.8 157.6

51 52.1 40.6 61.0

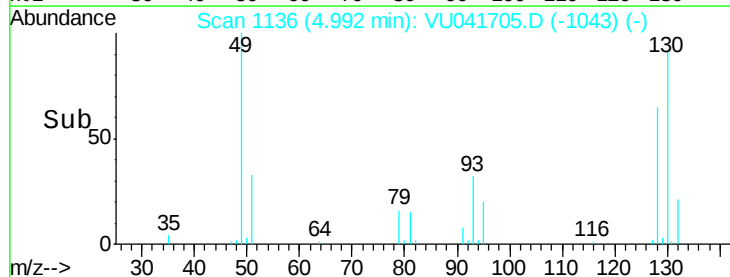
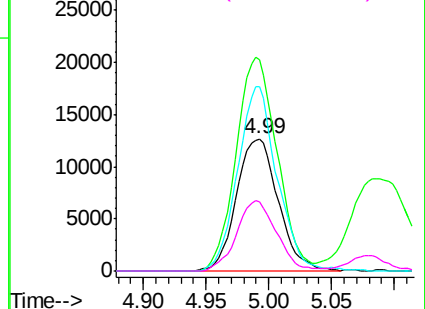


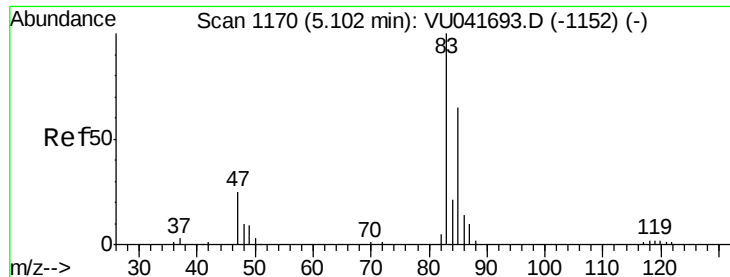
Abundance Ion 127.90 (127.60 to 128.60): VU041705.D (-1043) (-)

Ion 49.10 (48.80 to 49.80): VU041705.D (-1043) (-)

Ion 129.95 (129.65 to 130.65): VU041705.D (-1043) (-)

Ion 51.05 (50.75 to 51.75): VU041705.D (-1043) (-)

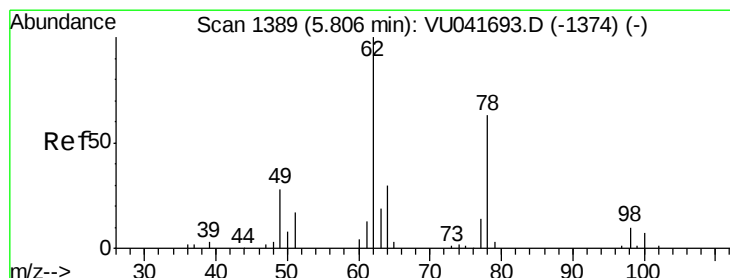
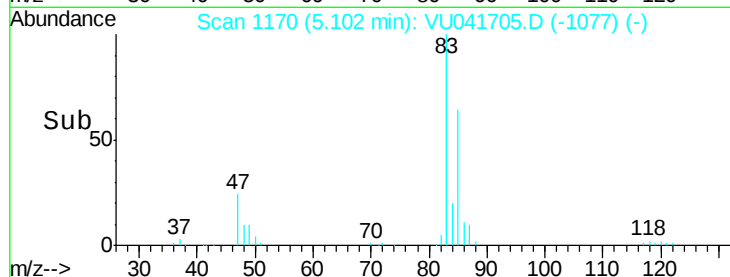
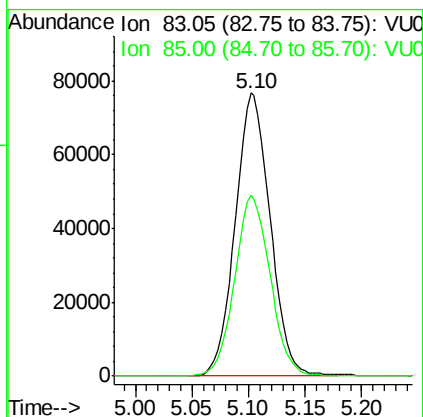
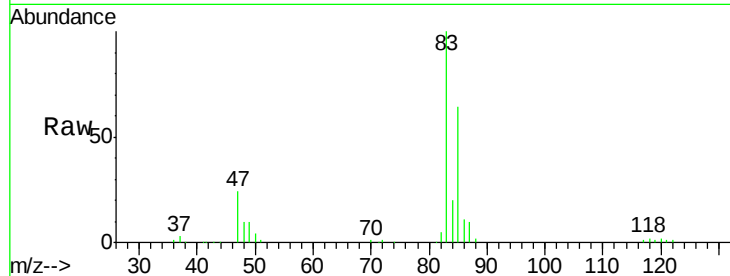




#25  
Chloroform  
Concen: 8.731 ug/L  
RT: 5.10 min Scan# 1170  
Delta R.T. -0.00 min  
Lab File: VU041705.D  
Acq: 21 Dec 2020 17:03

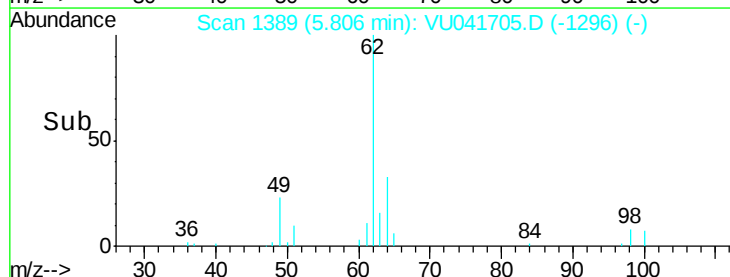
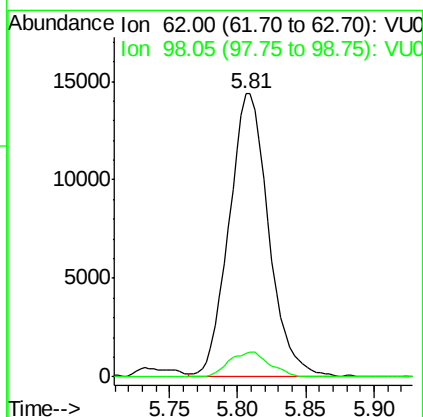
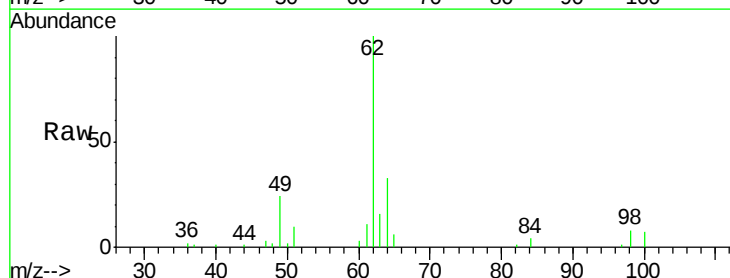
Instrument :  
MSVOA\_U  
ClientSampled :  
GB254

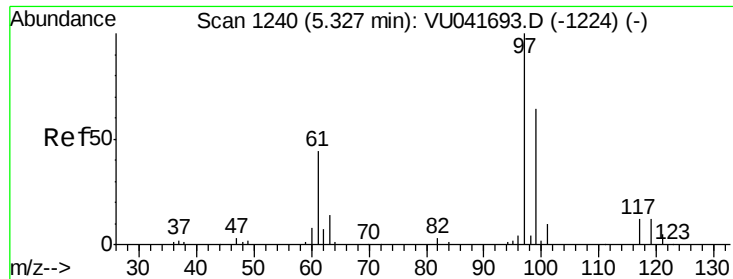
Tot Ion: 83 Resp: 165344  
Ion Ratio Lower Upper  
83 100  
85 63.9 44.2 82.0



#27  
1,2-Dichloroethane  
Concen: 2.265 ug/L  
RT: 5.81 min Scan# 1389  
Delta R.T. -0.00 min  
Lab File: VU041705.D  
Acq: 21 Dec 2020 17:03

Tgt Ion: 62 Resp: 29050  
Ion Ratio Lower Upper  
62 100  
98 8.1 8.2 12.2#

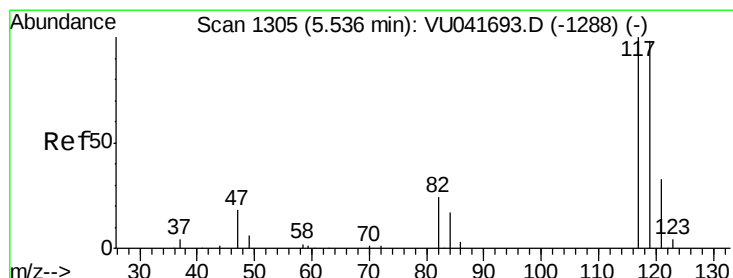
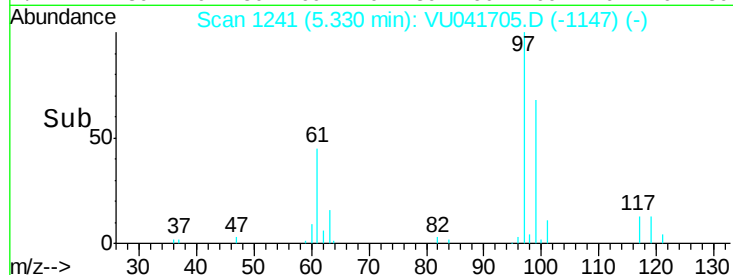
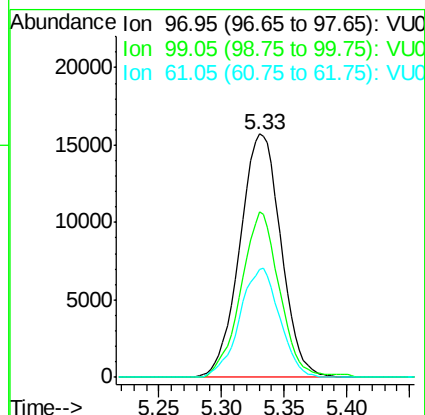
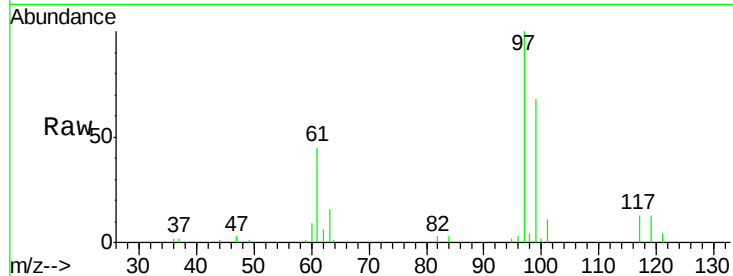




#29  
 1,1,1-Trichloroethane  
 Concen: 2.320 ug/L  
 RT: 5.33 min Scan# 1241  
 Delta R.T. 0.00 min  
 Lab File: VU041705.D  
 Acq: 21 Dec 2020 17:03

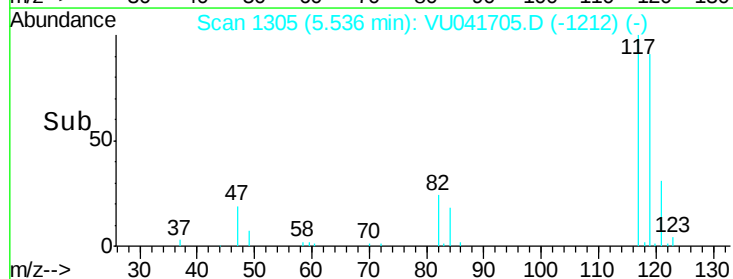
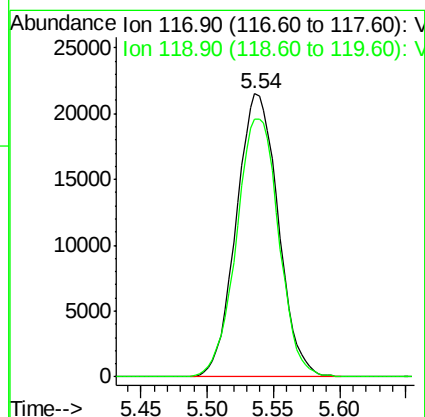
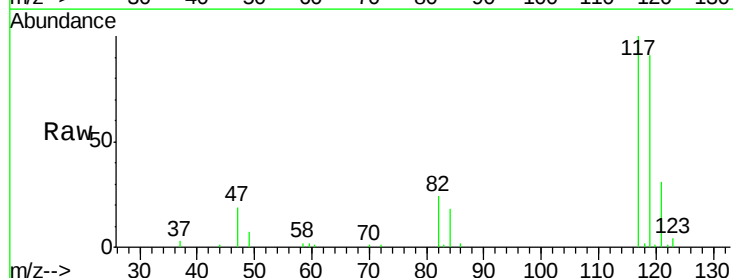
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GB254

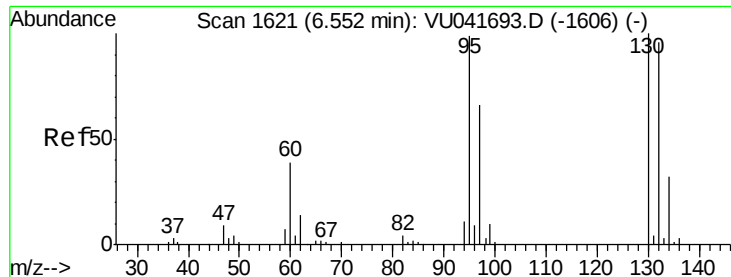
Tot Ion: 97 Resp: 35769  
 Ion Ratio Lower Upper  
 97 100  
 99 64.0 51.3 76.9  
 61 43.5 36.5 54.7



#31  
 Carbon tetrachloride  
 Concen: 3.543 ug/L  
 RT: 5.54 min Scan# 1305  
 Delta R.T. -0.00 min  
 Lab File: VU041705.D  
 Acq: 21 Dec 2020 17:03

Tgt Ion: 117 Resp: 47238  
 Ion Ratio Lower Upper  
 117 100  
 119 92.3 76.2 114.2

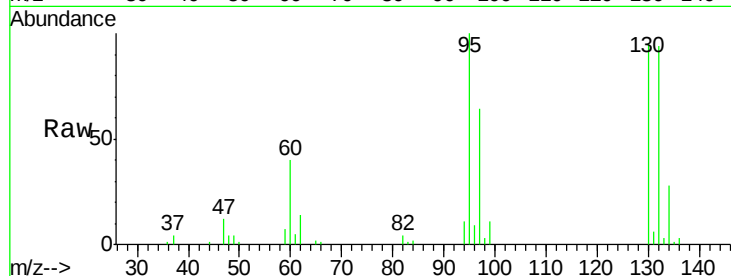




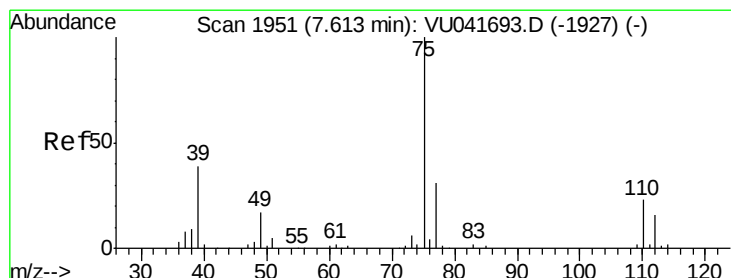
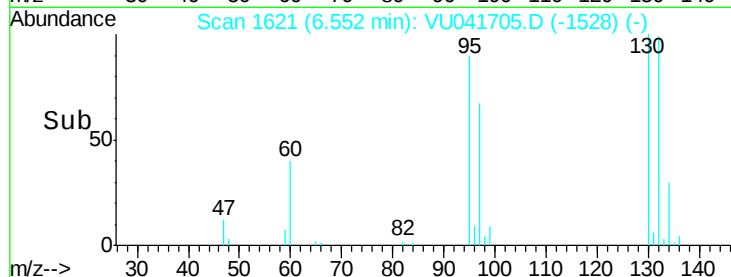
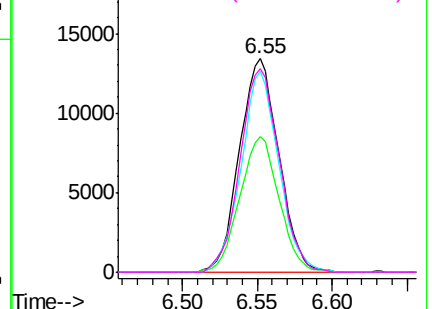
#34  
 Trichloroethene  
 Concen: 2.280 ug/L  
 RT: 6.55 min Scan# 1621  
 Delta R.T. -0.00 min  
 Lab File: VU041705.D  
 Acq: 21 Dec 2020 17:03

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GB254

Tot Ion: 95 Resp: 24602  
 Ion Ratio Lower Upper  
 95 100  
 97 63.5 43.9 81.5  
 132 93.9 63.1 117.3  
 130 95.2 67.4 125.2

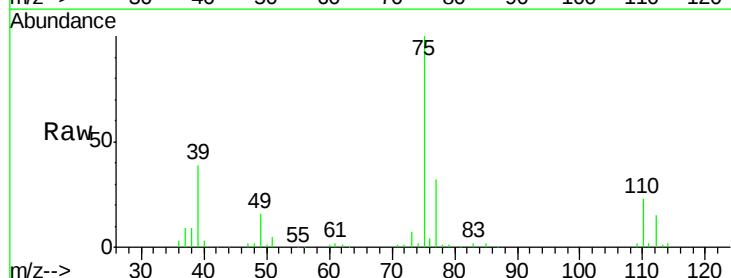


Abundance Ion 95.00 (94.70 to 95.70): VU0  
 Ion 96.95 (96.65 to 97.65): VU0  
 Ion 131.95 (131.65 to 132.65): V  
 Ion 129.95 (129.65 to 130.65): V

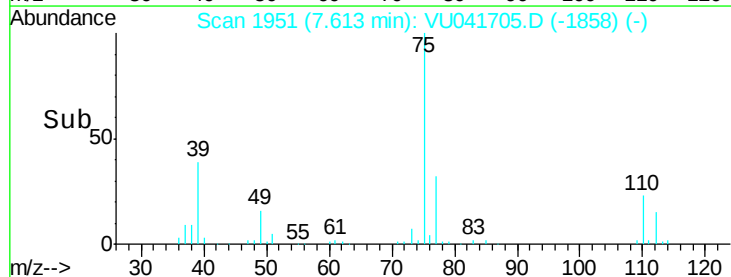
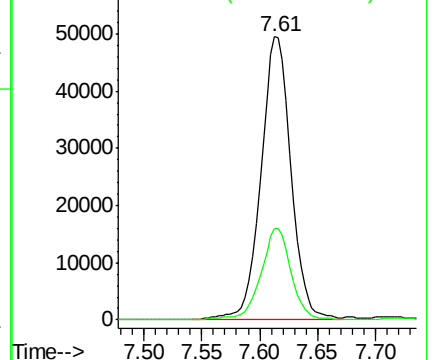


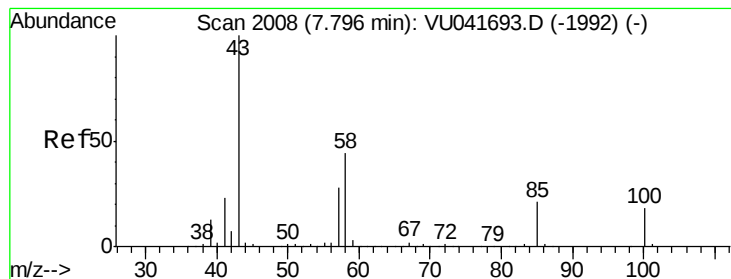
#39  
 cis-1,3-Dichloropropene  
 Concen: 5.515 ug/L  
 RT: 7.61 min Scan# 1951  
 Delta R.T. -0.00 min  
 Lab File: VU041705.D  
 Acq: 21 Dec 2020 17:03

Tgt Ion: 75 Resp: 89763  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VU0  
 Ion 77.05 (76.75 to 77.75): VU0





#40

4-Methyl-2-pentanone

Concen: 68.666 ug/L

RT: 7.80 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Instrument :  
MSVOA\_U  
ClientSampleId :  
GB254

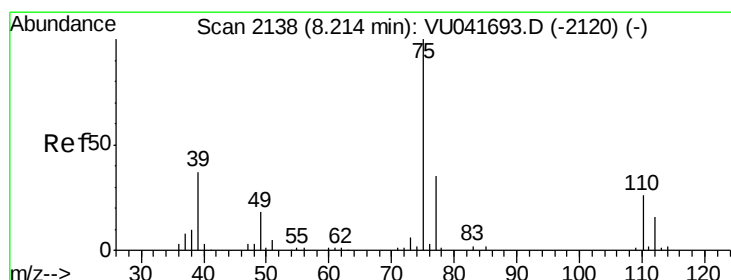
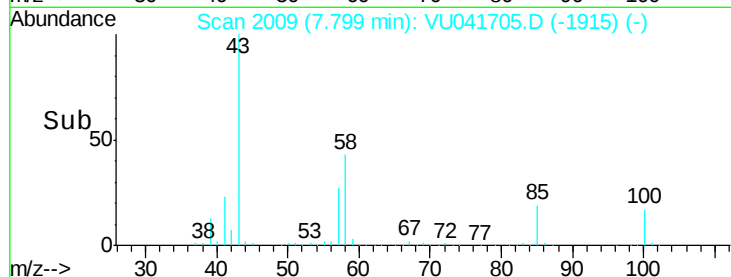
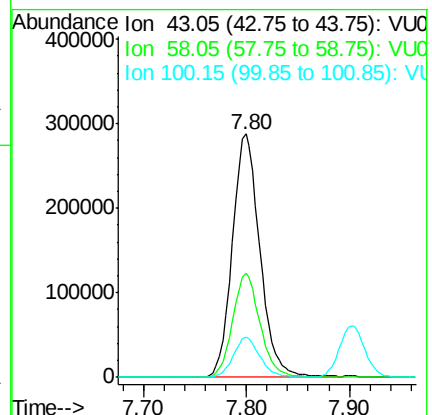
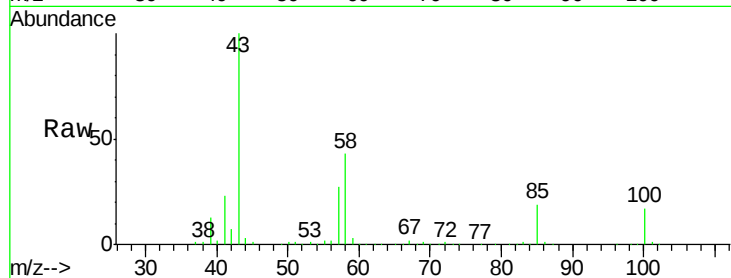
Tot Ion: 43 Resp: 536702

Ion Ratio Lower Upper

43 100

58 42.5 34.2 51.2

100 16.0 12.3 18.5



#44

trans-1,3-Dichloropropene

Concen: 2.655 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.00 min

Lab File: VU041705.D

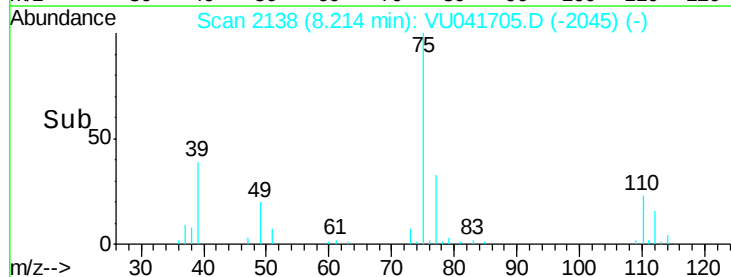
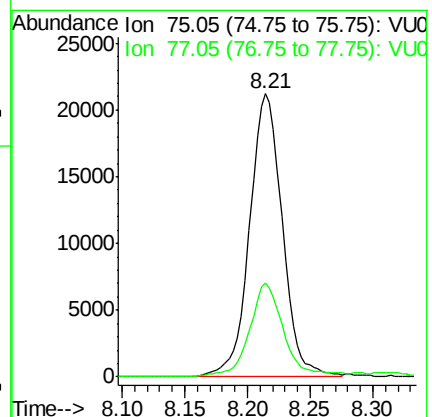
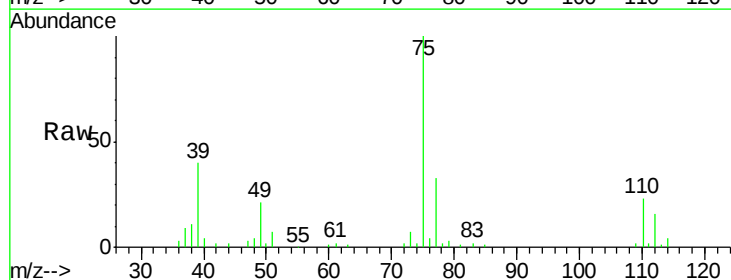
Acq: 21 Dec 2020 17:03

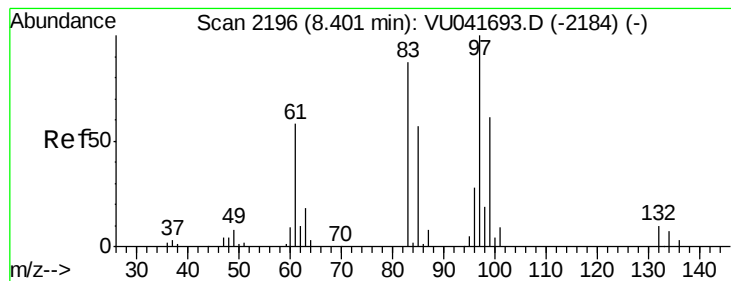
Tgt Ion: 75 Resp: 38647

Ion Ratio Lower Upper

75 100

77 33.0 23.8 44.2





#45

1,1,2-Trichloroethane

Concen: 2.361 ug/L

RT: 8.40 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

GB254

Tot Ion: 97 Resp: 19183

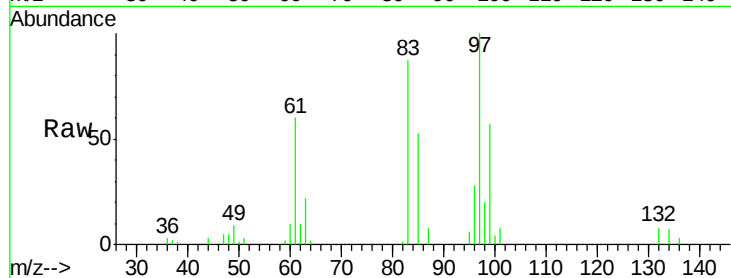
Ion Ratio Lower Upper

97 100

99 57.0 42.1 78.3

83 87.5 62.6 116.2

85 53.2 39.1 72.7

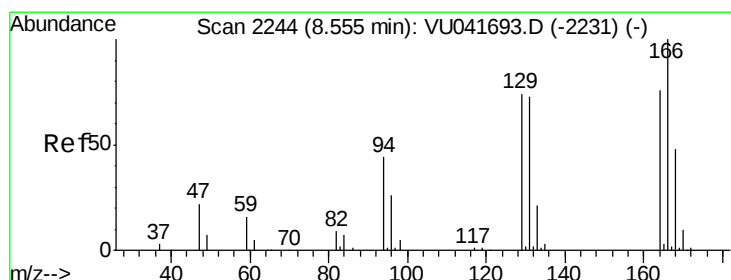
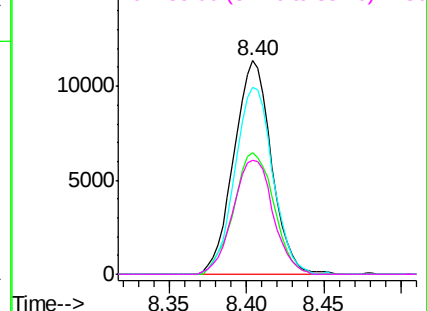
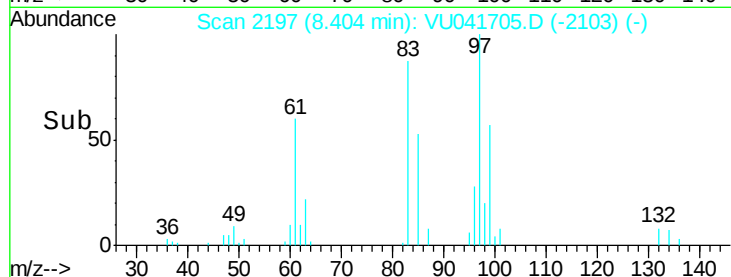


Abundance Ion 96.95 (96.65 to 97.65): VU041705.D (-2103) (-)

Ion 99.05 (98.75 to 99.75): VU041705.D (-2103) (-)

Ion 82.95 (82.65 to 83.65): VU041705.D (-2103) (-)

Ion 85.00 (84.70 to 85.70): VU041705.D (-2103) (-)



#47

Tetrachloroethene

Concen: 3.592 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Tgt Ion: 164 Resp: 27135

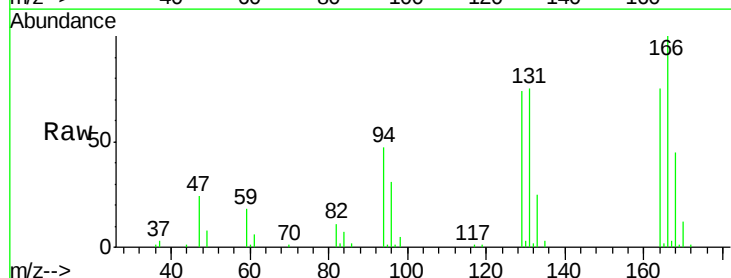
Ion Ratio Lower Upper

164 100

129 98.6 72.2 134.0

131 99.3 66.9 124.3

166 133.2 89.6 166.4

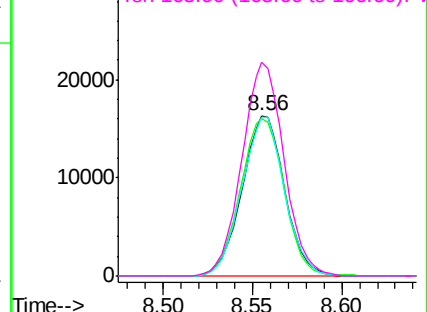
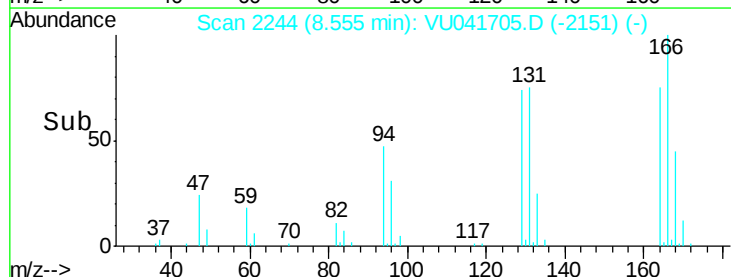


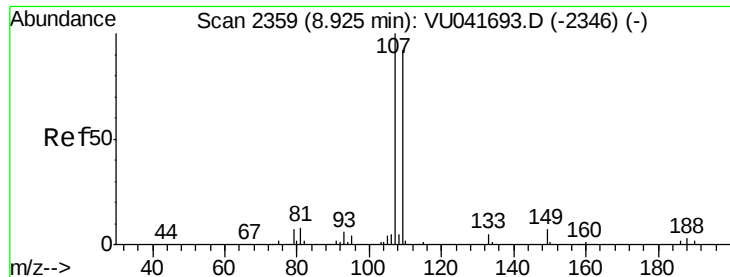
Abundance Ion 163.90 (163.60 to 164.60): VU041705.D (-2151) (-)

Ion 128.95 (128.65 to 129.65): VU041705.D (-2151) (-)

Ion 130.95 (130.65 to 131.65): VU041705.D (-2151) (-)

Ion 165.90 (165.60 to 166.60): VU041705.D (-2151) (-)

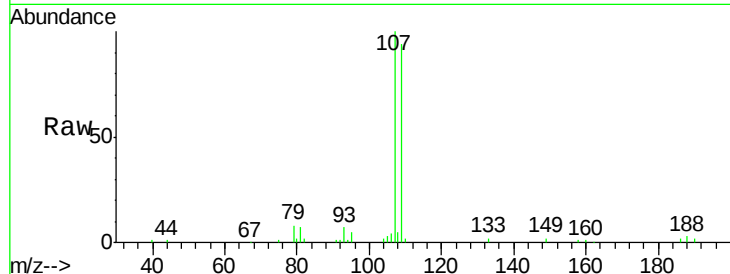




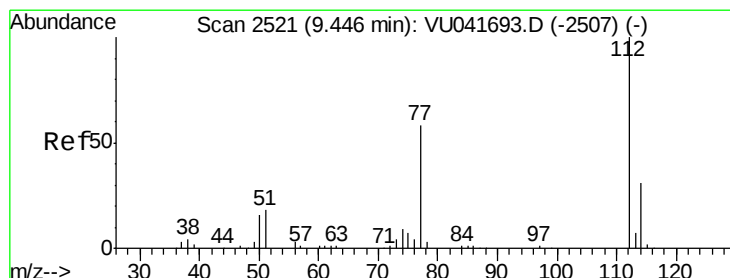
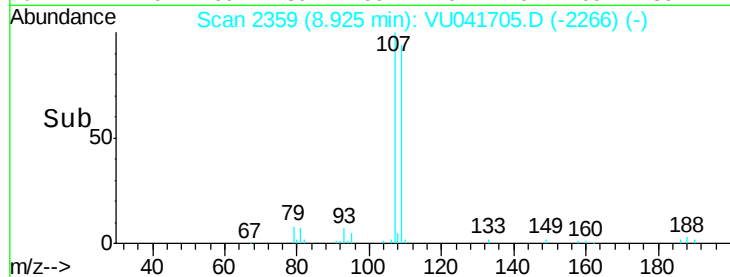
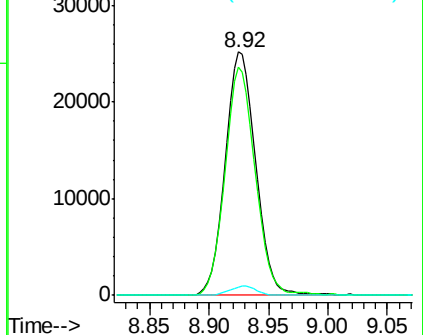
#50  
1,2-Dibromoethane  
Concen: 5.571 ug/L  
RT: 8.92 min Scan# 2359  
Delta R.T. -0.00 min  
Lab File: VU041705.D  
Acq: 21 Dec 2020 17:03

Instrument :  
MSVOA\_U  
ClientSampleId :  
GB254

Tot Ion:107 Resp: 44767  
Ion Ratio Lower Upper  
107 100  
109 93.9 65.6 121.8  
188 3.4 2.6 4.0

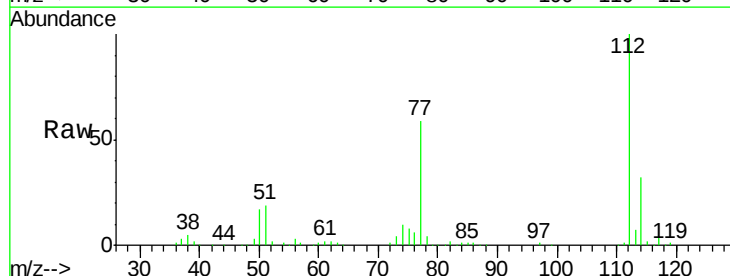


Abundance Ion 106.95 (106.65 to 107.65): V  
Ion 109.00 (108.70 to 109.70): V  
Ion 187.90 (187.60 to 188.60): V

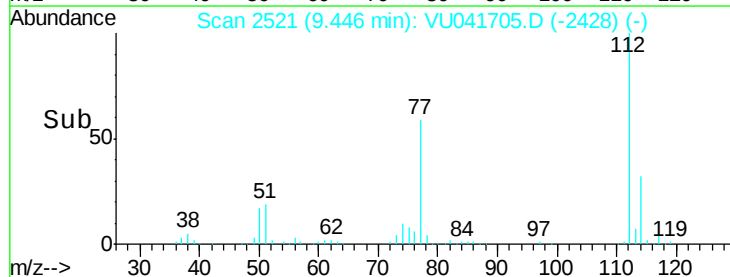
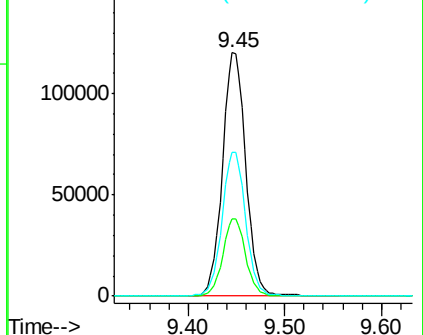


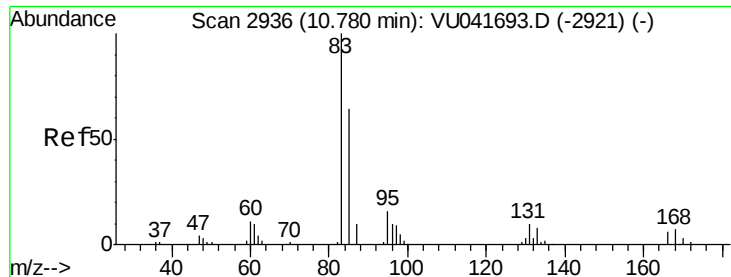
#51  
Chlorobenzene  
Concen: 7.307 ug/L  
RT: 9.45 min Scan# 2521  
Delta R.T. -0.00 min  
Lab File: VU041705.D  
Acq: 21 Dec 2020 17:03

Tgt Ion:112 Resp: 201377  
Ion Ratio Lower Upper  
112 100  
114 31.9 22.7 42.3  
77 59.3 49.1 73.7



Abundance Ion 112.10 (111.80 to 112.80): V  
Ion 114.05 (113.75 to 114.75): V  
Ion 77.10 (76.80 to 77.80): V





#58

1,1,2,2-Tetrachloroethane

Concen: 1.966 ug/L

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

Instrument :

MSVOA\_U

ClientSampleId :

GB254

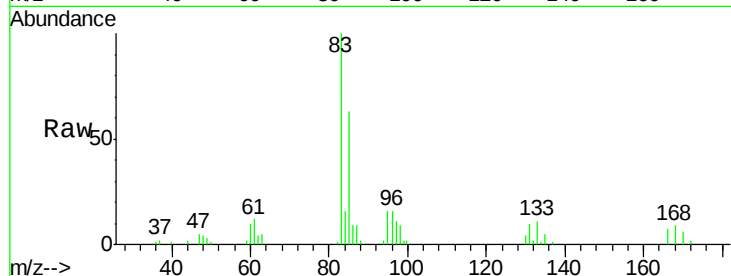
Tot Ion: 83 Resp: 22224

Ion Ratio Lower Upper

83 100

85 62.7 46.1 85.7

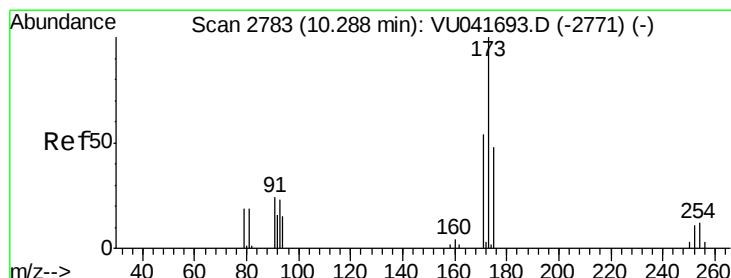
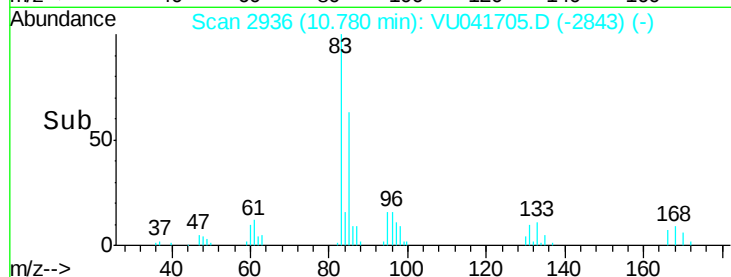
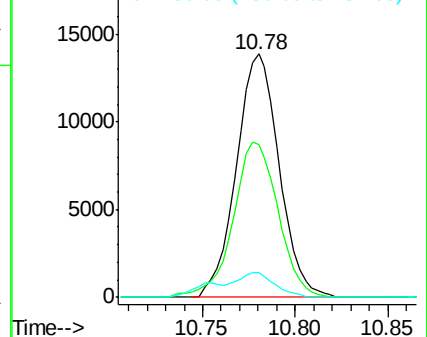
131 10.0 7.8 11.6



Abundance Ion 82.95 (82.65 to 83.65): VU041705.D (-2843) (-)

Ion 85.00 (84.70 to 85.70): VU041705.D (-2843) (-)

Ion 130.95 (130.65 to 131.65): VU041705.D (-2843) (-)



#61

Bromoform

Concen: 3.953 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU041705.D

Acq: 21 Dec 2020 17:03

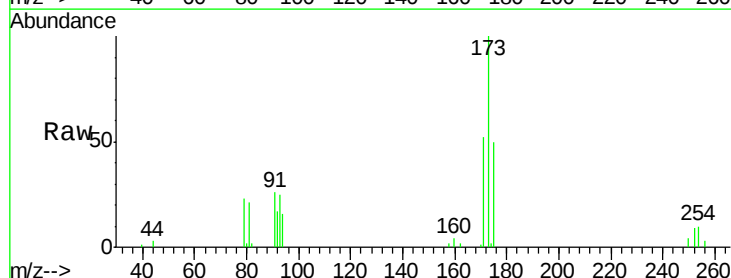
Tgt Ion: 173 Resp: 18311

Ion Ratio Lower Upper

173 100

175 49.4 37.3 55.9

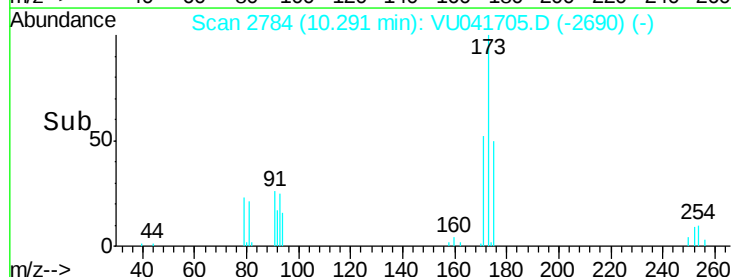
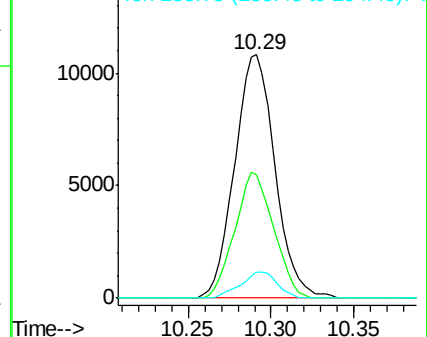
254 9.6 7.4 11.2

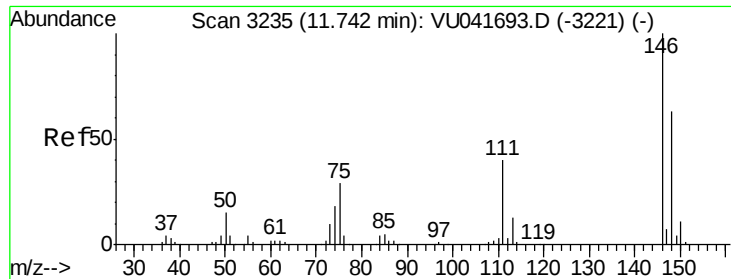


Abundance Ion 172.90 (172.60 to 173.60): VU041705.D (-2690) (-)

Ion 174.90 (174.60 to 175.60): VU041705.D (-2690) (-)

Ion 253.75 (253.45 to 254.45): VU041705.D (-2690) (-)

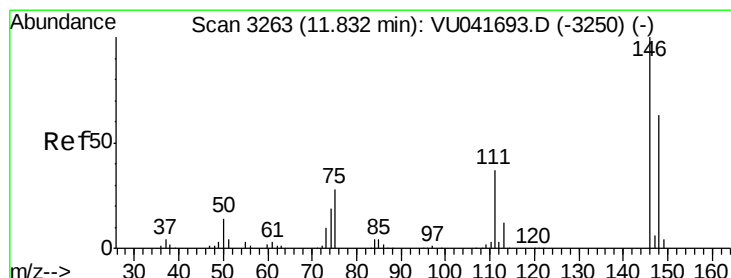
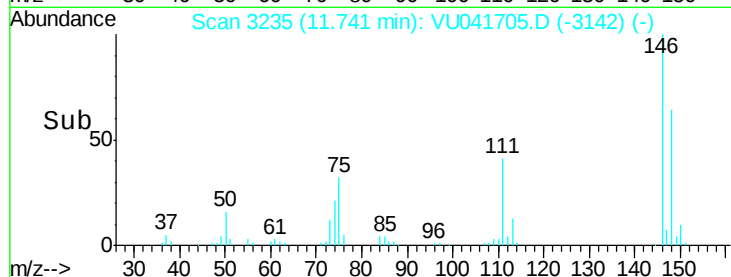
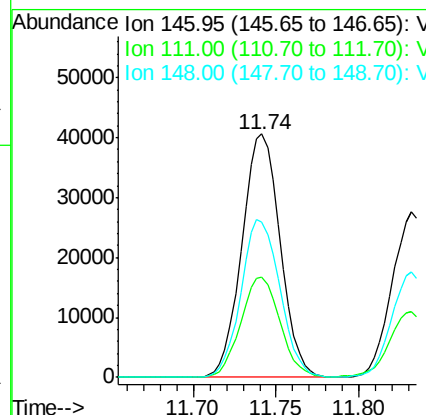
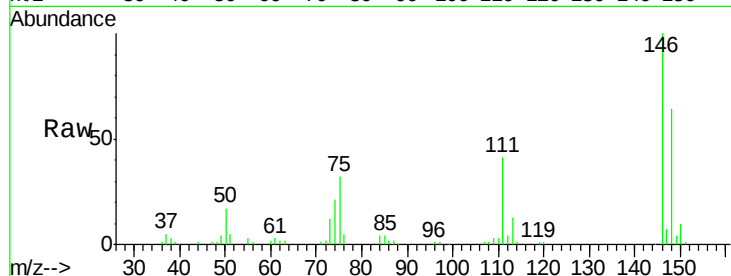




#62  
 1,3-Dichlorobenzene  
 Concen: 3.481 ug/L  
 RT: 11.74 min Scan# 3235  
 Delta R.T. -0.00 min  
 Lab File: VU041705.D  
 Acq: 21 Dec 2020 17:03

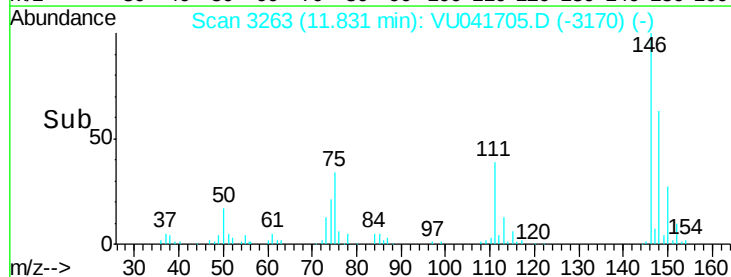
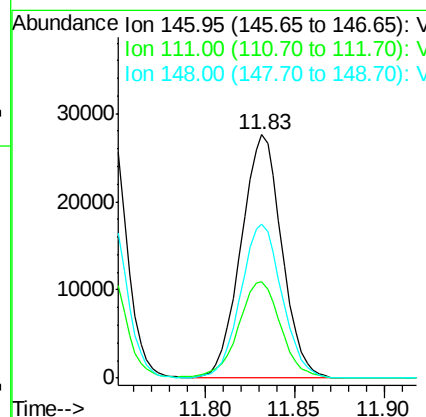
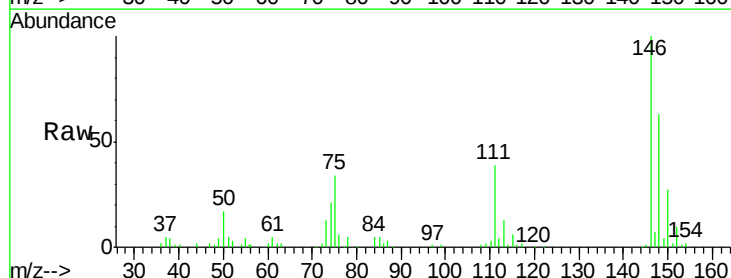
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 GB254

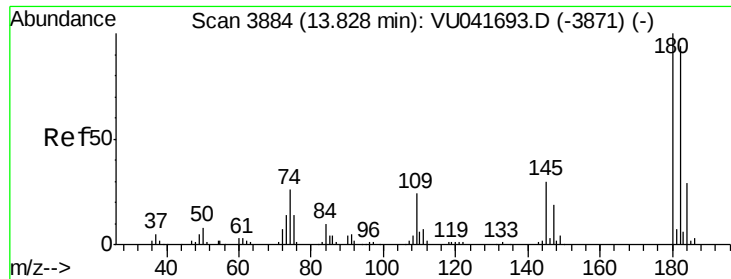
Tot Ion:146 Resp: 65236  
 Ion Ratio Lower Upper  
 146 100  
 111 41.0 30.0 55.8  
 148 63.8 44.9 83.3



#63  
 1,4-Dichlorobenzene  
 Concen: 2.339 ug/L  
 RT: 11.83 min Scan# 3263  
 Delta R.T. -0.00 min  
 Lab File: VU041705.D  
 Acq: 21 Dec 2020 17:03

Tgt Ion:146 Resp: 44073  
 Ion Ratio Lower Upper  
 146 100  
 111 39.5 27.9 51.9  
 148 63.5 45.0 83.6

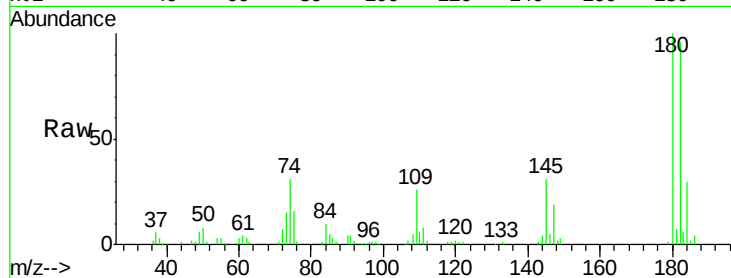




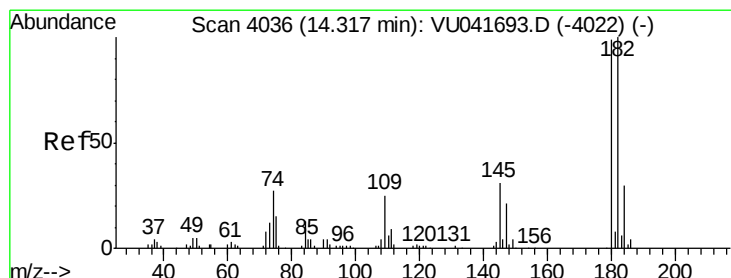
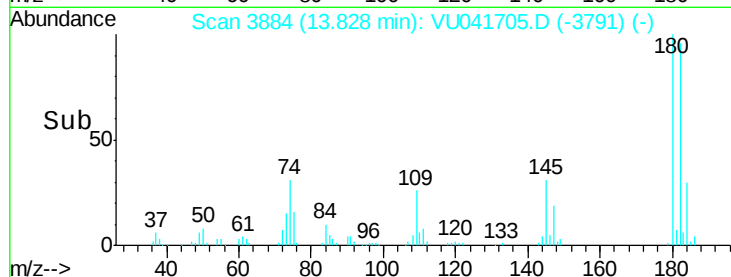
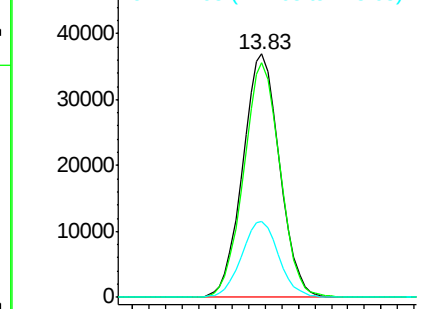
#68  
 1,2,4-trichlorobenzene  
 Concen: 4.764 ug/L  
 RT: 13.83 min Scan# 3884  
 Delta R.T. -0.00 min  
 Lab File: VU041705.D  
 Acq: 21 Dec 2020 17:03

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GB254

Tot Ion:180 Resp: 56869  
 Ion Ratio Lower Upper  
 180 100  
 182 95.0 75.4 113.0  
 145 31.7 24.5 36.7

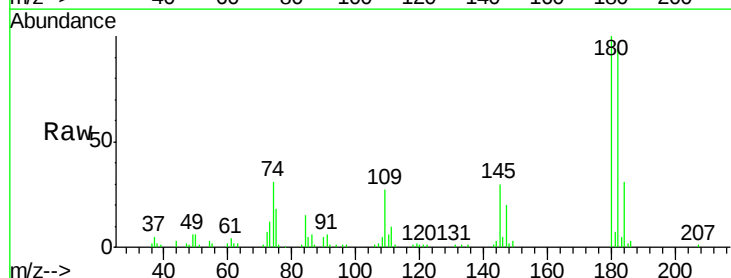


Abundance Ion 179.90 (179.60 to 180.60): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 144.95 (144.65 to 145.65): V



#70  
 1,2,3-Trichlorobenzene  
 Concen: 2.871 ug/L  
 RT: 14.32 min Scan# 4036  
 Delta R.T. -0.00 min  
 Lab File: VU041705.D  
 Acq: 21 Dec 2020 17:03

Tgt Ion:180 Resp: 32663  
 Ion Ratio Lower Upper  
 180 100  
 182 96.2 77.0 115.4  
 145 31.9 26.4 39.6



Abundance Ion 179.90 (179.60 to 180.60): V  
 Ion 181.90 (181.60 to 182.60): V  
 Ion 144.95 (144.65 to 145.65): V

