

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082420\  
 Data File : VU039956.D  
 Acq On : 24 Aug 2020 19:00  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00508

Quant Time: Aug 25 02:06:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR081920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Aug 25 02:02:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 73561    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 69205    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 36371    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 27373    | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 85.20%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 23216    | 4.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 87.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 55782    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 89.80%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 84575    | 41.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 82.38%  |
| 24) Chloroform-d               | 5.08   | 84    | 55711    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 31902    | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.00%  |
| 32) Benzene-d6                 | 5.75   | 84    | 104993   | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.00% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 33999    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.00% |
| 41) Toluene-d8                 | 7.91   | 98    | 94760    | 5.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.00% |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 13919    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 97.60%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 63836    | 44.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 88.22%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 26342    | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 87.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 35547    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.00%  |

## Target Compounds

| Target Compounds               | R.T. | QIon | Response | Conc   | Units  | Ovalue |
|--------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.39 | 85   | 36269    | 4.743  | ug/L   | 97     |
| 3) Chloromethane               | 1.53 | 50   | 35915    | 4.152  | ug/L   | 94     |
| 5) Vinyl chloride              | 1.61 | 62   | 37133    | 4.537  | ug/L   | 96     |
| 6) Bromomethane                | 1.87 | 94   | 18696    | 4.001  | ug/L   | 98     |
| 8) Chloroethane                | 1.94 | 64   | 23787    | 4.545  | ug/L   | 95     |
| 9) Trichlorofluoromethane      | 2.15 | 101  | 59217    | 4.837  | ug/L   | 98     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.59 | 101  | 31192    | 4.632  | ug/L   | 96     |
| 12) 1,1-Dichloroethene         | 2.59 | 96   | 27626    | 4.294  | ug/L   | 91     |
| 13) Acetone                    | 2.66 | 43   | 63195    | 45.039 | ug/L # | 49     |
| 14) Carbon disulfide           | 2.81 | 76   | 92664    | 4.456  | ug/L   | 99     |
| 15) Methyl Acetate             | 2.97 | 43   | 15679    | 4.353  | ug/L   | 98     |
| 16) Methylene chloride         | 3.06 | 84   | 36105    | 4.081  | ug/L   | 97     |
| 17) Methyl tert-butyl Ether    | 3.39 | 73   | 80388    | 4.955  | ug/L   | 97     |
| 18) trans-1,2-Dichloroethene   | 3.37 | 96   | 32494    | 4.863  | ug/L   | 95     |
| 19) 1,1-Dichloroethane         | 3.89 | 63   | 63165    | 5.099  | ug/L   | 98     |
| 21) 2-Butanone                 | 4.73 | 43   | 104305   | 42.783 | ug/L   | 98     |
| 22) cis-1,2-Dichloroethene     | 4.69 | 96   | 34761    | 4.969  | ug/L   | 99     |

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 Acq On : 24 Aug 2020 19:00  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

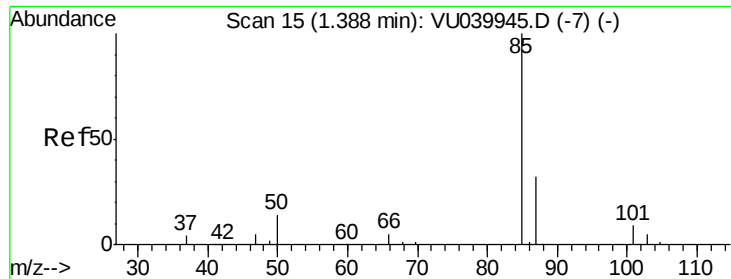
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00508

Quant Time: Aug 25 02:06:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR081920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Aug 25 02:02:41 2020  
 Response via : Initial Calibration

| Internal Standards              | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|---------------------------------|-------|------|----------|--------|--------|----------|
| 23) Bromochloromethane          | 4.99  | 128  | 15991    | 4.860  | ug/L   | 93       |
| 25) Chloroform                  | 5.11  | 83   | 66846    | 5.324  | ug/L   | 99       |
| 27) 1,2-Dichloroethane          | 5.81  | 62   | 45344    | 5.147  | ug/L # | 94       |
| 29) 1,1,1-Trichloroethane       | 5.33  | 97   | 56324    | 5.533  | ug/L   | 98       |
| 30) Cyclohexane                 | 5.41  | 56   | 53412    | 5.300  | ug/L   | 99       |
| 31) Carbon tetrachloride        | 5.54  | 117  | 49406    | 5.497  | ug/L   | 99       |
| 33) Benzene                     | 5.79  | 78   | 132274   | 5.259  | ug/L   | 100      |
| 34) Trichloroethene             | 6.56  | 95   | 33983    | 5.207  | ug/L   | 96       |
| 35) Methylcyclohexane           | 6.77  | 83   | 50659    | 5.067  | ug/L   | 96       |
| 37) 1,2-Dichloropropane         | 6.80  | 63   | 35907    | 5.372  | ug/L # | 96       |
| 38) Bromodichloromethane        | 7.12  | 83   | 46842    | 5.515  | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene     | 7.62  | 75   | 48323    | 5.173  | ug/L   | 96       |
| 40) 4-Methyl-2-pentanone        | 7.80  | 43   | 249494   | 47.137 | ug/L   | 98       |
| 42) Toluene                     | 7.98  | 91   | 138098   | 5.369  | ug/L   | 95       |
| 44) trans-1,3-Dichloropropene   | 8.22  | 75   | 43559    | 4.963  | ug/L   | 95       |
| 45) 1,1,2-Trichloroethane       | 8.41  | 97   | 25081    | 4.939  | ug/L   | 95       |
| 47) Tetrachloroethene           | 8.56  | 164  | 26853    | 5.577  | ug/L   | 93       |
| 48) 2-Hexanone                  | 8.69  | 43   | 179768   | 47.395 | ug/L   | 99       |
| 49) Dibromochloromethane        | 8.82  | 129  | 31455    | 5.188  | ug/L   | 97       |
| 50) 1,2-Dibromoethane           | 8.93  | 107  | 23483    | 4.856  | ug/L # | 100      |
| 51) Chlorobenzene               | 9.45  | 112  | 85857    | 5.112  | ug/L   | 97       |
| 52) Ethylbenzene                | 9.57  | 91   | 149388   | 5.340  | ug/L   | 99       |
| 53) m,p-Xylene                  | 9.70  | 106  | 56174    | 5.231  | ug/L   | 98       |
| 54) o-Xylene                    | 10.10 | 106  | 53258    | 5.246  | ug/L   | 92       |
| 55) Styrene                     | 10.11 | 104  | 92970    | 5.283  | ug/L   | 99       |
| 56) Isopropylbenzene            | 10.48 | 105  | 145602   | 5.351  | ug/L   | 98       |
| 58) 1,1,1,2,2-Tetrachloroethane | 10.78 | 83   | 29858    | 4.553  | ug/L   | 95       |
| 59) 1,2,3-Trichloropropane      | 10.82 | 75   | 21473    | 4.484  | ug/L   | 95       |
| 61) Bromoform                   | 10.29 | 173  | 16990    | 5.304  | ug/L   | 100      |
| 62) 1,3-Dichlorobenzene         | 11.74 | 146  | 70002    | 5.198  | ug/L   | 99       |
| 63) 1,4-Dichlorobenzene         | 11.83 | 146  | 70526    | 5.144  | ug/L   | 99       |
| 65) 1,2-Dichlorobenzene         | 12.21 | 146  | 65063    | 5.006  | ug/L   | 99       |
| 66) 1,2-Dibromo-3-chloropropan  | 12.99 | 75   | 5066     | 4.767  | ug/L # | 75       |
| 67) 1,3,5-Trichlorobenzene      | 13.21 | 180  | 53764    | 5.376  | ug/L   | 95       |
| 68) 1,2,4-trichlorobenzene      | 13.83 | 180  | 45938    | 5.385  | ug/L   | 99       |
| 69) Naphthalene                 | 14.08 | 128  | 76713    | 4.868  | ug/L   | 99       |
| 70) 1,2,3-Trichlorobenzene      | 14.32 | 180  | 42416    | 5.320  | ug/L   | 97       |

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





#2

Dichlorodifluoromethane

Concen: 4.743 ug/L

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Instrument :

MSVOA\_U

ClientSampleId :

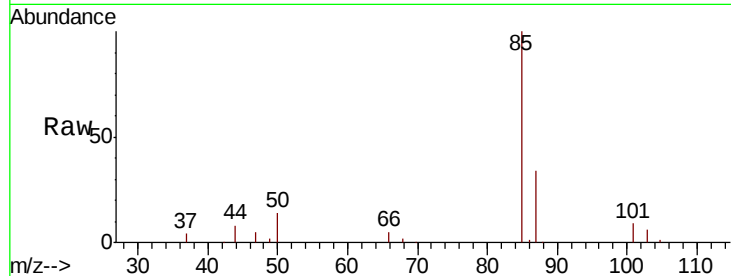
VSTD00508

Tot Ion: 85 Resp: 36269

Ion Ratio Lower Upper

85 100

87 32.9 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VU039945.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VU039945.D (-7) (-)

1.39

40000

30000

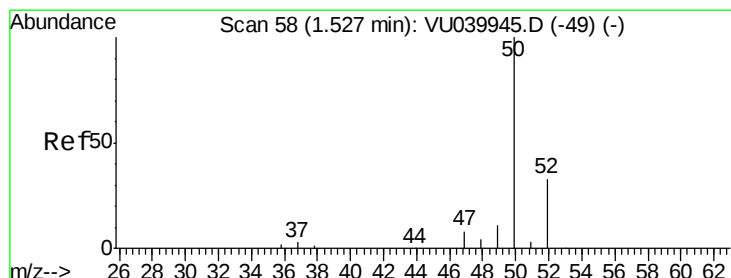
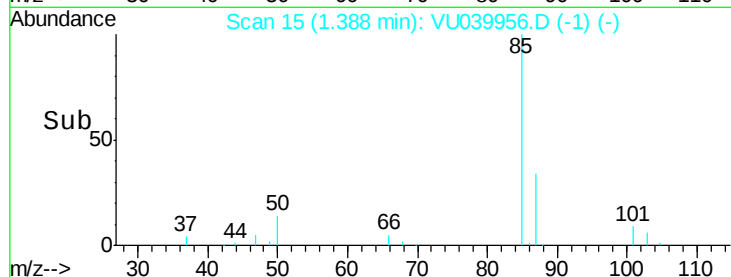
20000

10000

0

Time-->

1.35 1.40 1.45



#3

Chloromethane

Concen: 4.152 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU039956.D

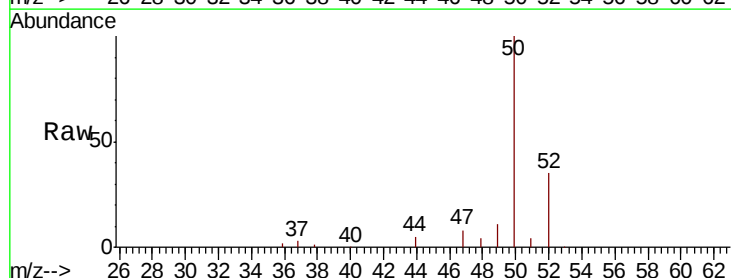
Acq: 24 Aug 2020 19:00

Tgt Ion: 50 Resp: 35915

Ion Ratio Lower Upper

50 100

52 34.7 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU039945.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU039945.D (-49) (-)

1.53

30000

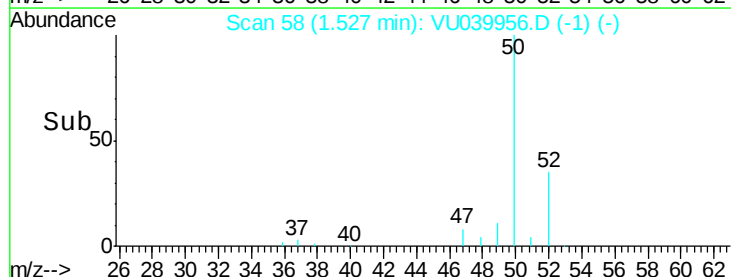
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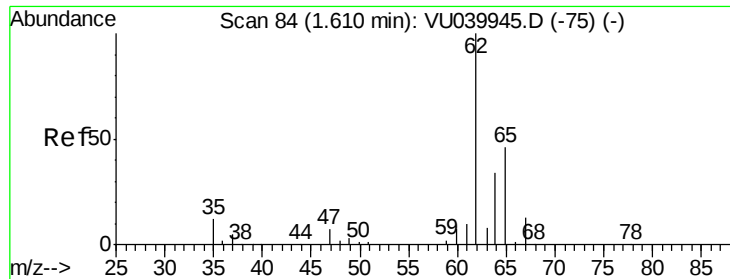
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Time-->

1.50 1.55





#5

Vinyl chloride

Concen: 4.537 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Instrument :

MSVOA\_U

ClientSampleId :

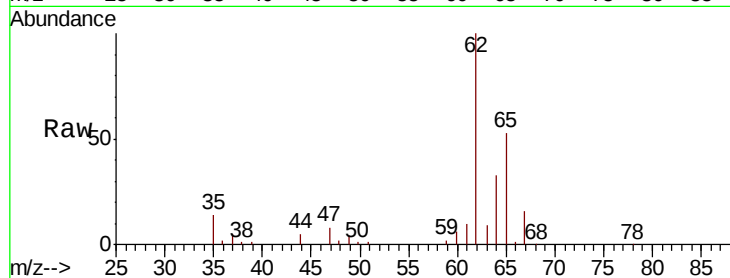
VSTD00508

Tot Ion: 62 Resp: 37133

Ion Ratio Lower Upper

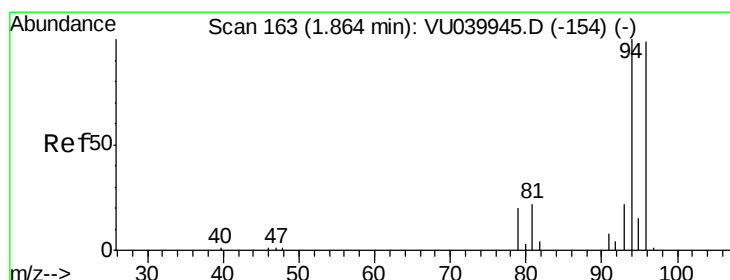
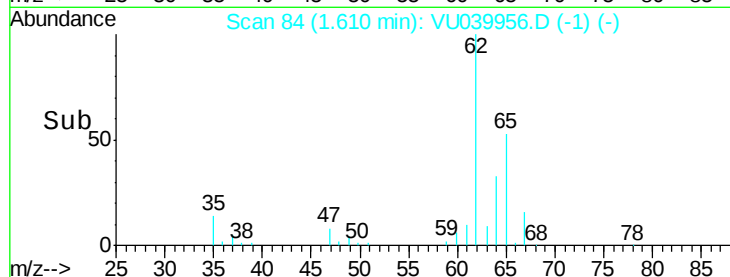
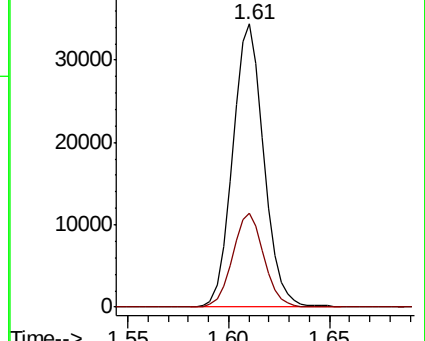
62 100

64 33.1 21.6 40.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#6

Bromomethane

Concen: 4.001 ug/L

RT: 1.87 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU039956.D

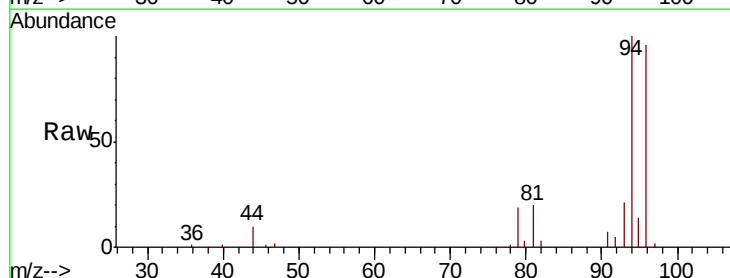
Acq: 24 Aug 2020 19:00

Tgt Ion: 94 Resp: 18696

Ion Ratio Lower Upper

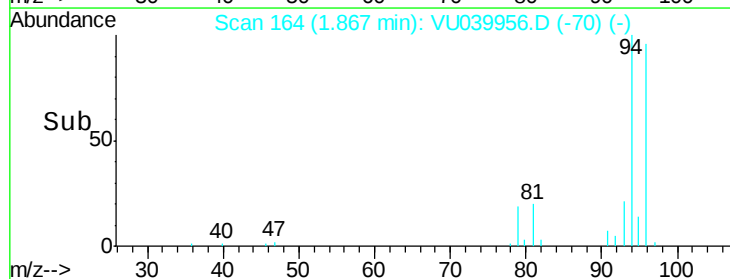
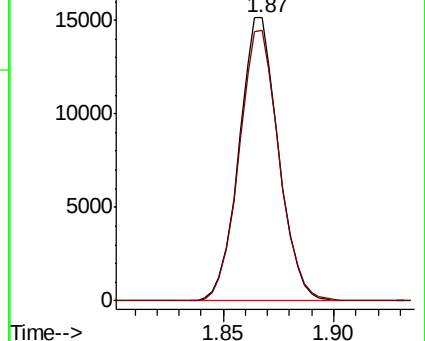
94 100

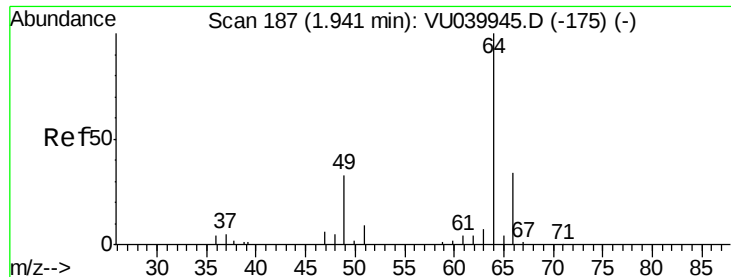
96 95.8 65.5 121.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 4.545 ug/L

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Instrument :

MSVOA\_U

ClientSampleId :

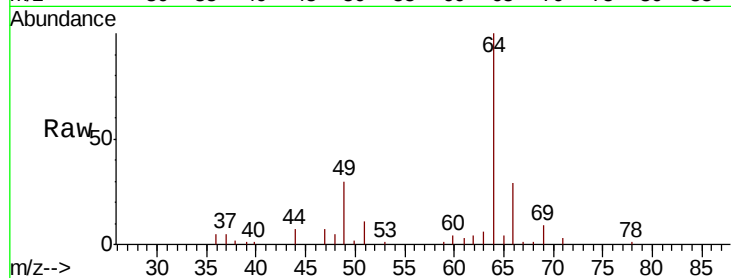
VSTD00508

Tot Ion: 64 Resp: 23787

Ion Ratio Lower Upper

64 100

66 29.5 22.6 42.0



Abundance Ion 64.10 (63.80 to 64.80): VU039945.D (-175) (-)

Ion 66.05 (65.75 to 66.75): VU039945.D (-175) (-)

1.94

15000

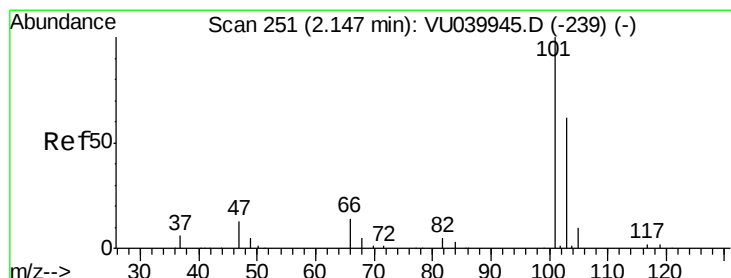
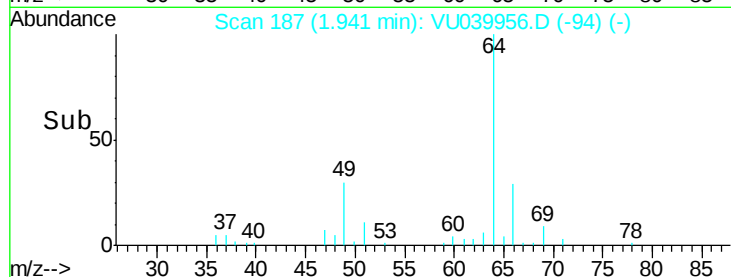
10000

5000

0

1.90 1.95 2.00

Time-->



#9

Trichlorofluoromethane

Concen: 4.837 ug/L

RT: 2.15 min Scan# 251

Delta R.T. 0.00 min

Lab File: VU039956.D

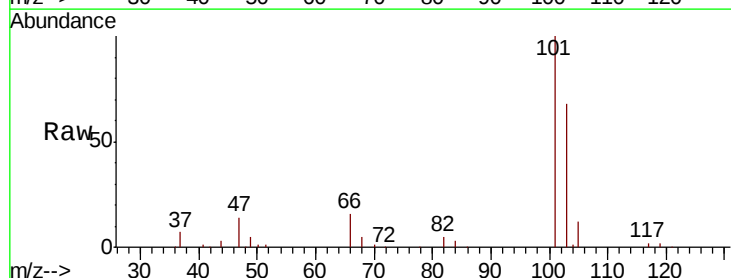
Acq: 24 Aug 2020 19:00

Tgt Ion:101 Resp: 59217

Ion Ratio Lower Upper

101 100

103 65.0 51.0 76.4



Abundance Ion 101.00 (100.70 to 101.70): VU039945.D (-239) (-)

Ion 103.00 (102.70 to 103.70): VU039945.D (-239) (-)

2.15

40000

30000

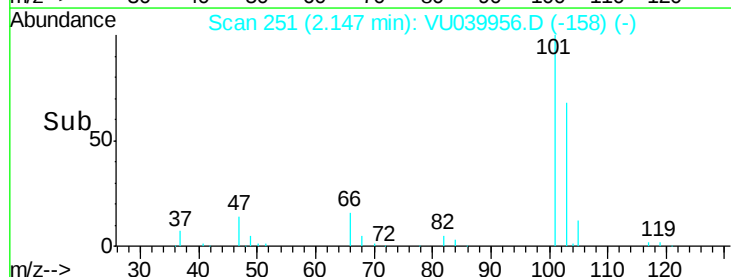
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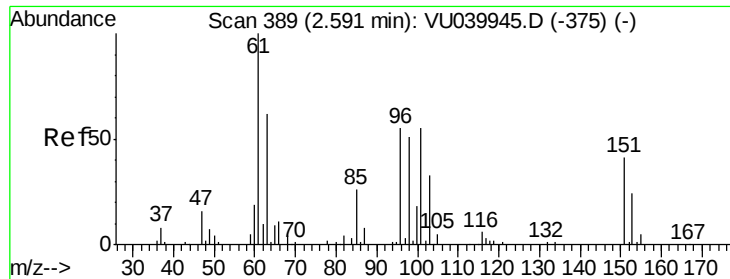
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0

2.10 2.15 2.20

Time-->





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.632 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Instrument :

MSVOA\_U

ClientSampleId :

VSTD00508

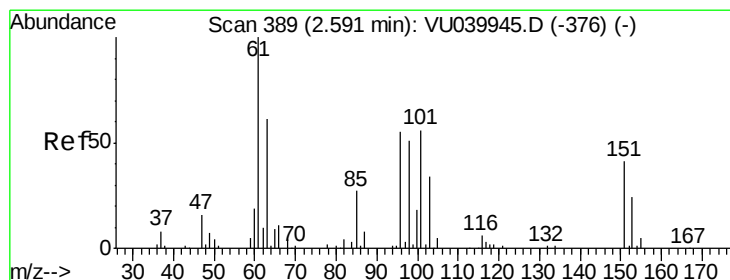
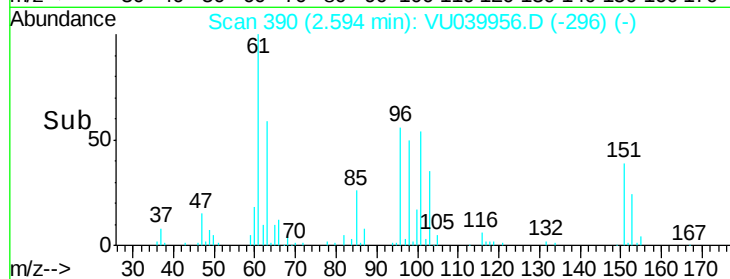
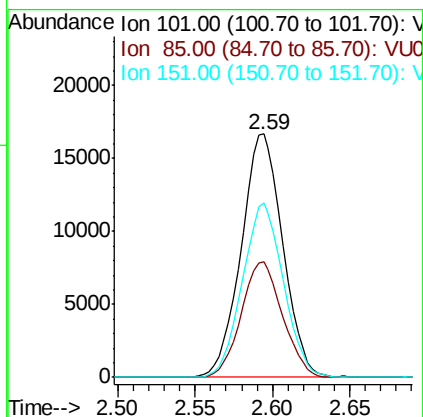
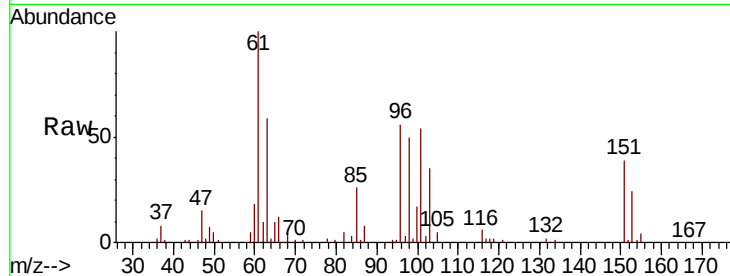
Tot Ion:101 Resp: 31192

Ion Ratio Lower Upper

101 100

85 47.1 34.5 51.7

151 70.4 54.4 81.6



#12

1,1-Dichloroethene

Concen: 4.294 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

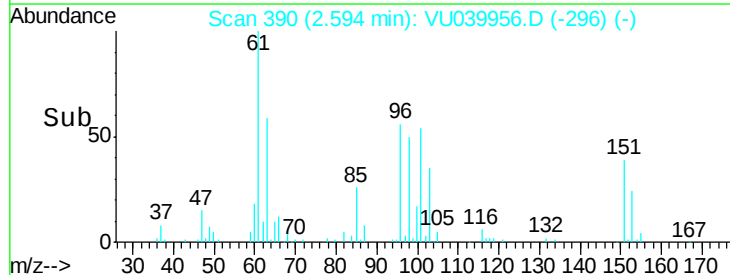
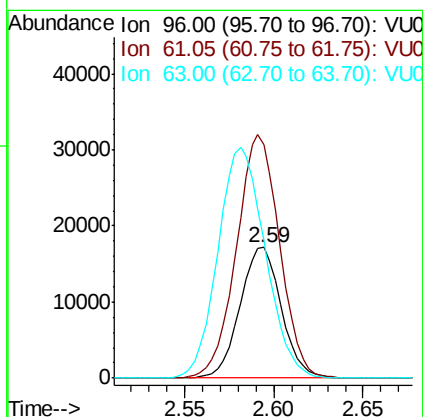
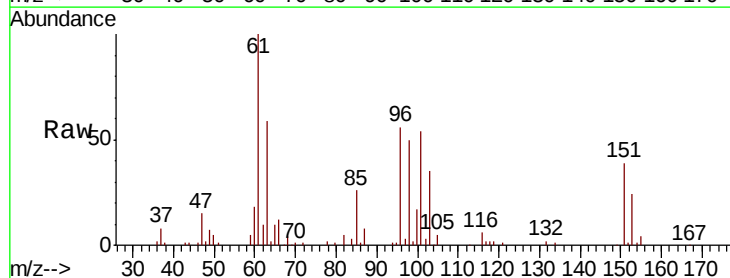
Tgt Ion: 96 Resp: 27626

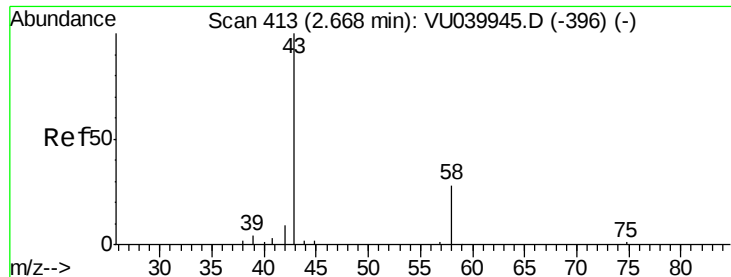
Ion Ratio Lower Upper

96 100

61 178.9 126.8 235.4

63 104.9 88.6 164.6





#13

Acetone

Concen: 45.039 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Instrument :

MSVOA\_U

ClientSampleId :

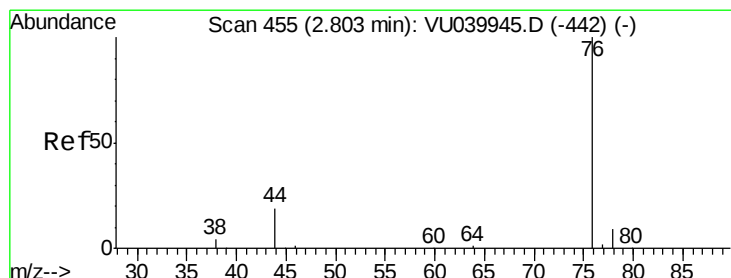
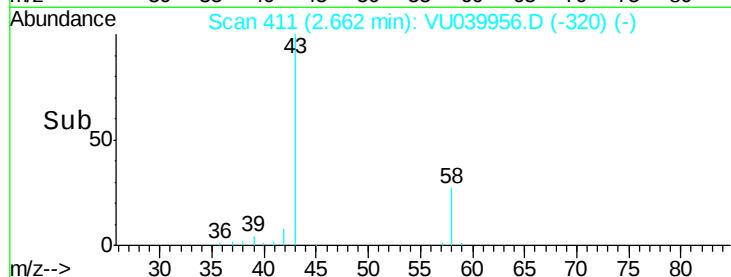
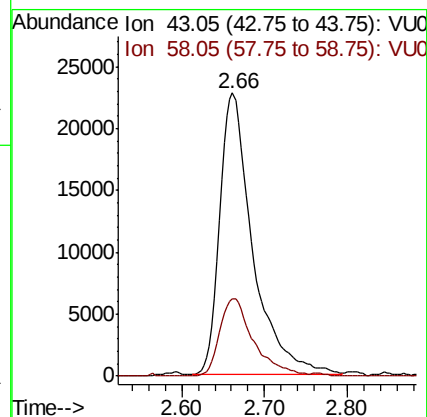
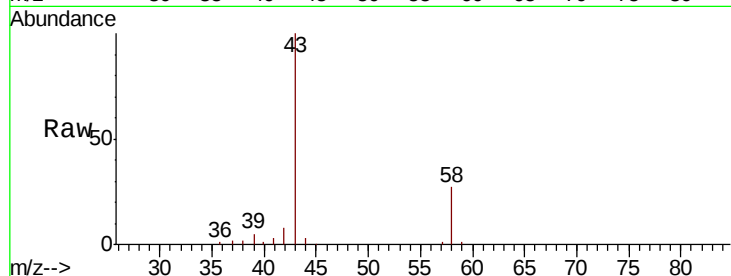
VSTD00508

Tot Ion: 43 Resp: 63195

Ion Ratio Lower Upper

43 100

58 28.2 0.0 19.0#



#14

Carbon disulfide

Concen: 4.456 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU039956.D

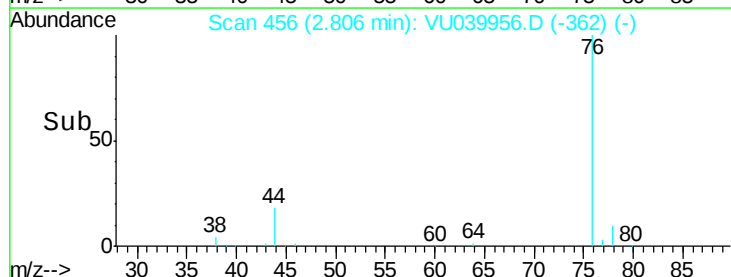
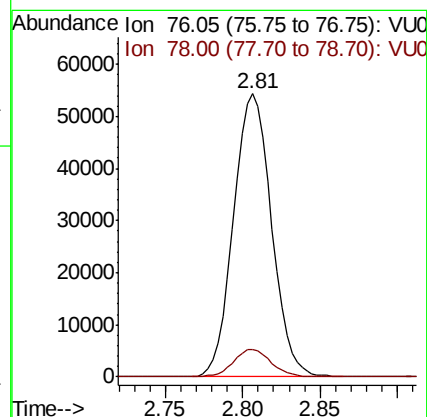
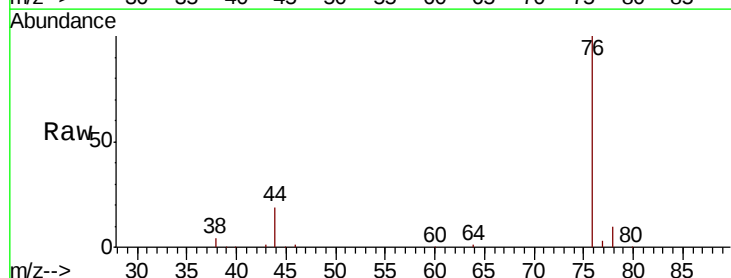
Acq: 24 Aug 2020 19:00

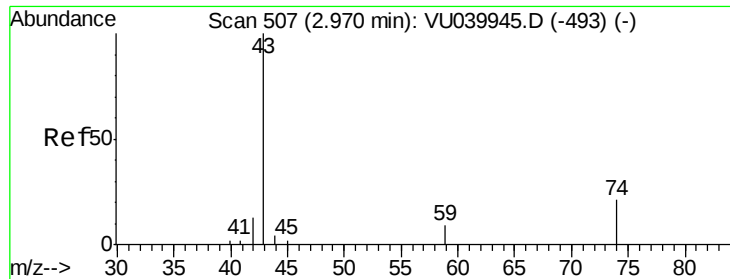
Tgt Ion: 76 Resp: 92664

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0





#15

Methvl Acetate

Concen: 4.353 ug/L

RT: 2.97 min Scan# 507

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Instrument :

MSVOA\_U

ClientSampleId :

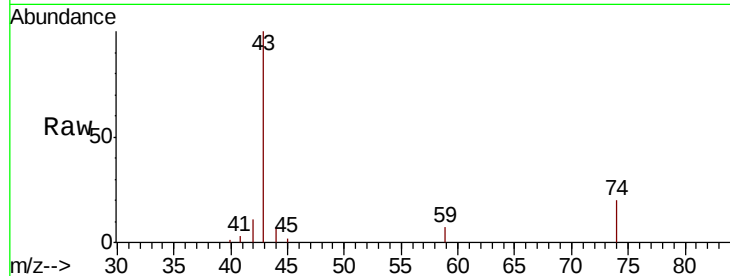
VSTD00508

Tot Ion: 43 Resp: 15679

Ion Ratio Lower Upper

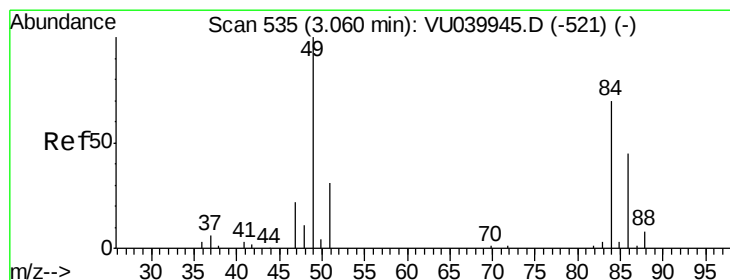
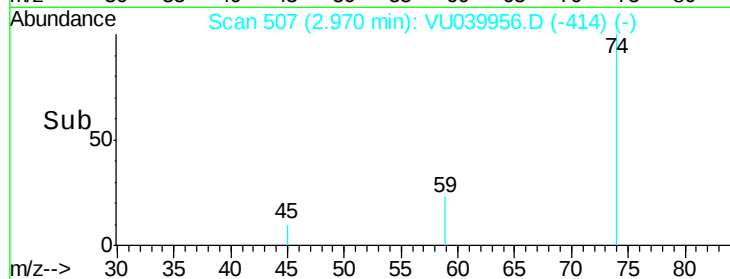
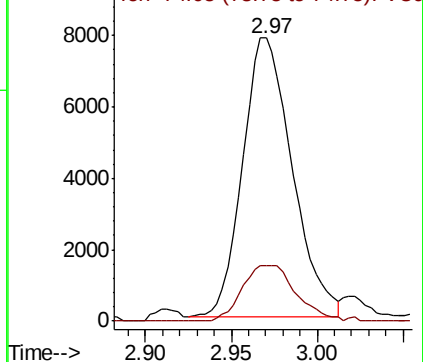
43 100

74 21.6 16.3 24.5



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#16

Methylene chloride

Concen: 4.081 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

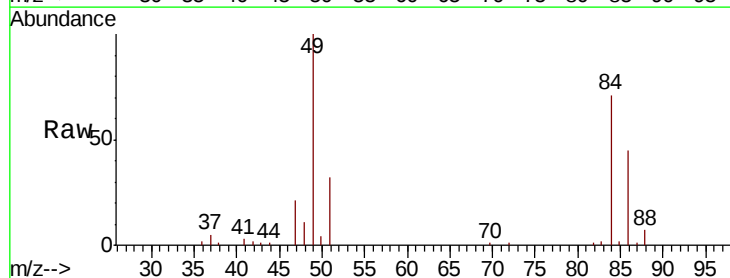
Tgt Ion: 84 Resp: 36105

Ion Ratio Lower Upper

84 100

86 63.6 47.2 87.6

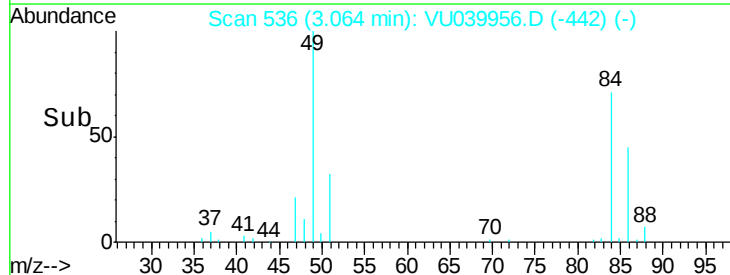
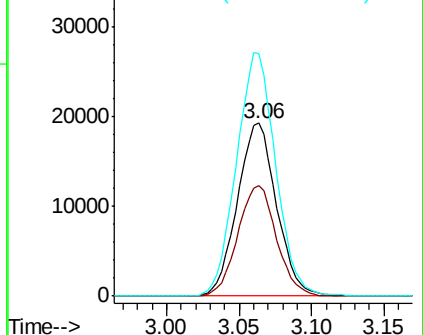
49 140.1 99.8 185.4

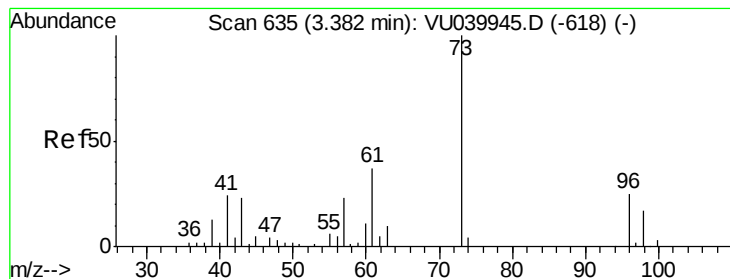


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



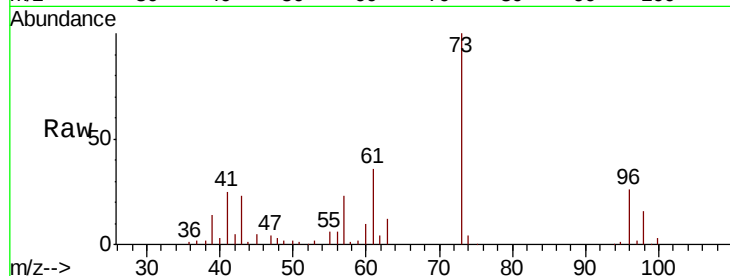


#17

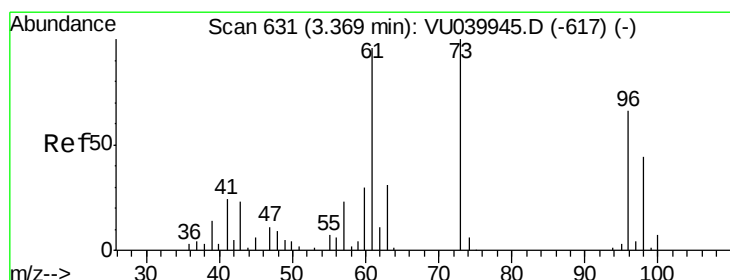
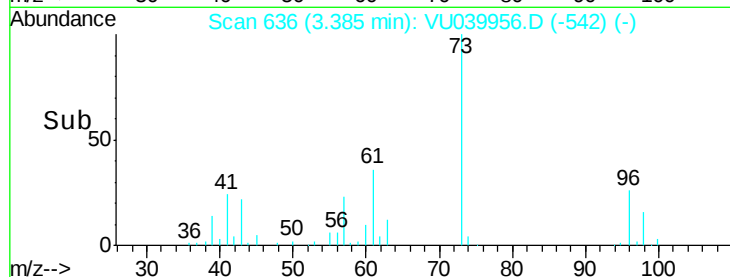
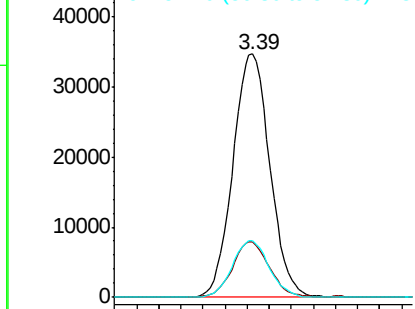
Methvl tert-butvl Ether  
 Concen: 4.955 ug/L  
 RT: 3.39 min Scan# 636  
 Delta R.T. 0.00 min  
 Lab File: VU039956.D  
 Acq: 24 Aug 2020 19:00

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00508

Tot Ion: 73 Resp: 80388  
 Ion Ratio Lower Upper  
 73 100  
 43 22.9 16.6 24.8  
 57 23.1 18.2 27.4



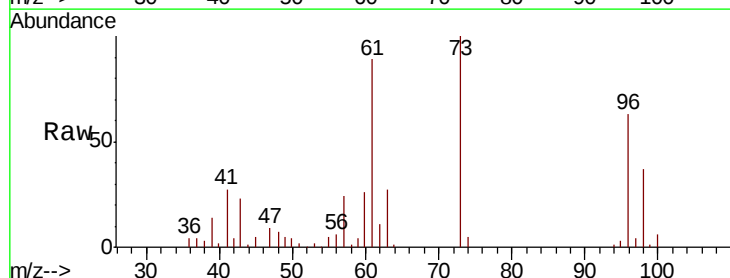
Abundance Ion 73.10 (72.80 to 73.80): VU0  
 Ion 43.05 (42.75 to 43.75): VU0  
 Ion 57.10 (56.80 to 57.80): VU0



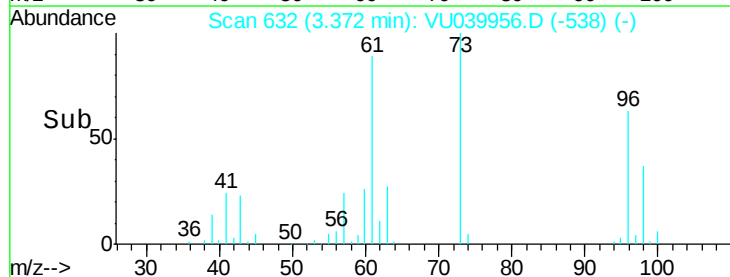
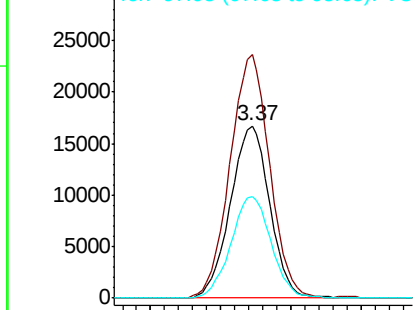
#18

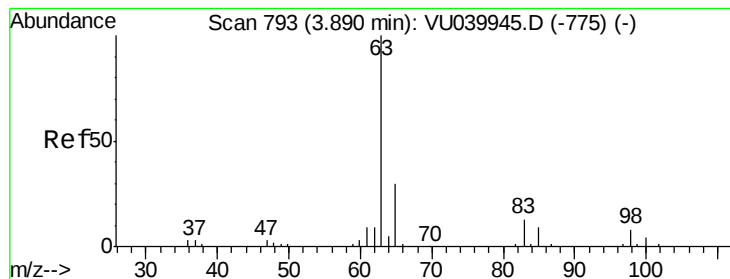
trans-1,2-Dichloroethene  
 Concen: 4.863 ug/L  
 RT: 3.37 min Scan# 632  
 Delta R.T. 0.00 min  
 Lab File: VU039956.D  
 Acq: 24 Aug 2020 19:00

Tgt Ion: 96 Resp: 32494  
 Ion Ratio Lower Upper  
 96 100  
 61 141.4 93.7 173.9  
 98 58.7 40.7 75.5



Abundance Ion 96.00 (95.70 to 96.70): VU0  
 Ion 61.05 (60.75 to 61.75): VU0  
 Ion 97.95 (97.65 to 98.65): VU0





#19

1,1-Dichloroethane

Concen: 5.099 ug/L

RT: 3.89 min Scan# 794

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Instrument :

MSVOA\_U

ClientSampleId :

VSTD00508

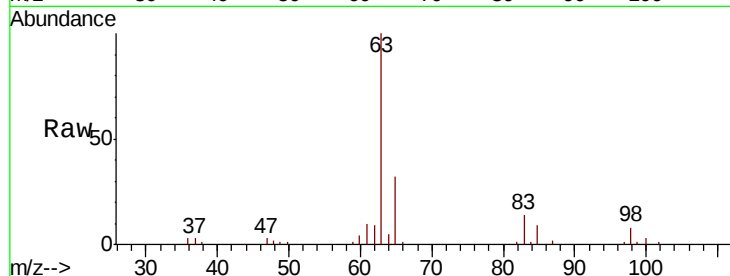
Tot Ion: 63 Resp: 63165

Ion Ratio Lower Upper

63 100

65 32.1 21.6 40.0

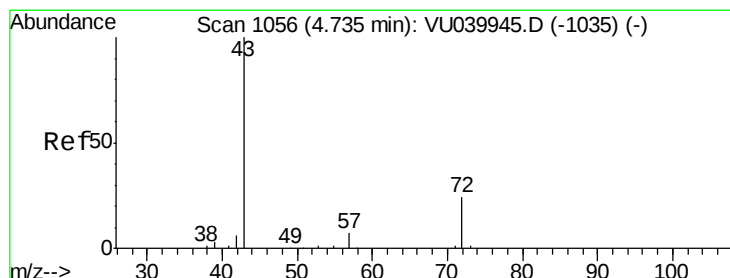
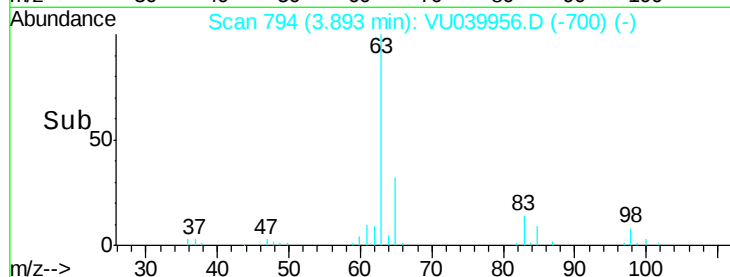
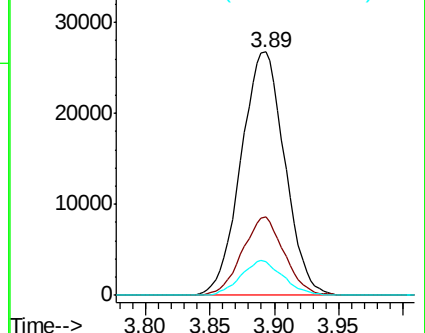
83 13.8 10.3 19.1



Abundance Ion 63.10 (62.80 to 63.80): VU039945.D (-775) (-)

Ion 65.10 (64.80 to 65.80): VU039945.D (-775) (-)

Ion 83.05 (82.75 to 83.75): VU039945.D (-775) (-)



#21

2-Butanone

Concen: 42.783 ug/L

RT: 4.73 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VU039956.D

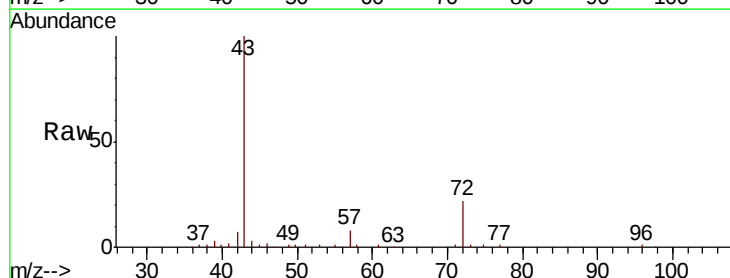
Acq: 24 Aug 2020 19:00

Tgt Ion: 43 Resp: 104305

Ion Ratio Lower Upper

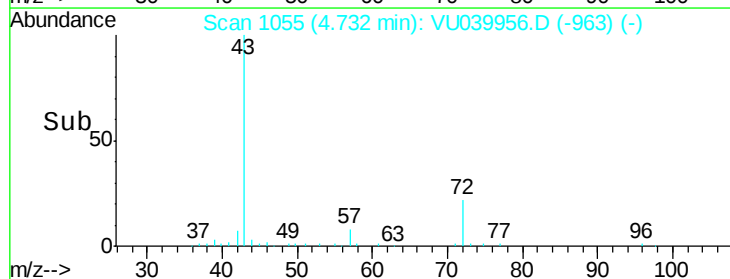
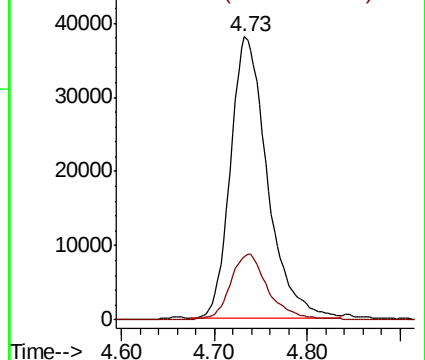
43 100

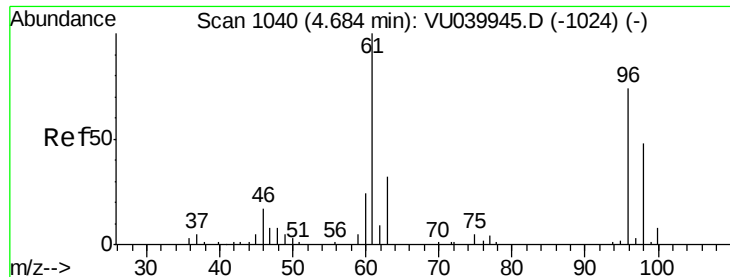
72 24.3 12.7 38.0



Abundance Ion 43.05 (42.75 to 43.75): VU039945.D (-1035) (-)

Ion 72.10 (71.80 to 72.80): VU039945.D (-1035) (-)





#22

cis-1,2-Dichloroethene

Concen: 4.969 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Instrument :

MSVOA\_U

ClientSampled :

VSTD00508

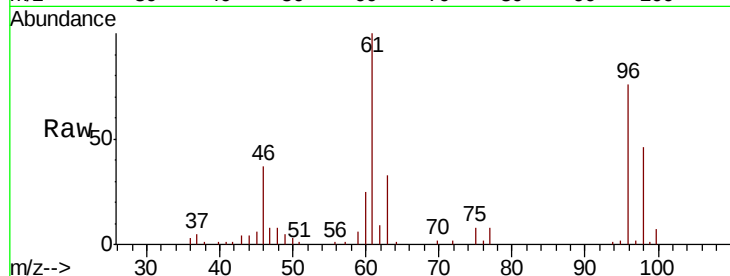
Tot Ion: 96 Resp: 34761

Ion Ratio Lower Upper

96 100

61 130.8 90.9 168.9

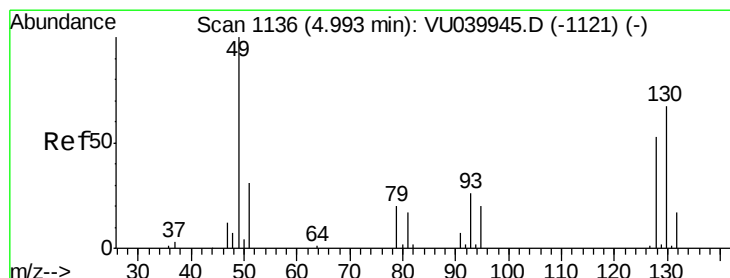
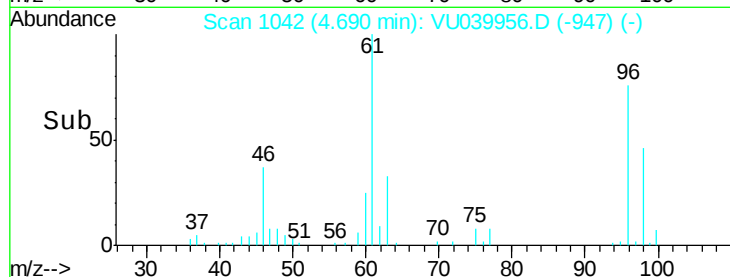
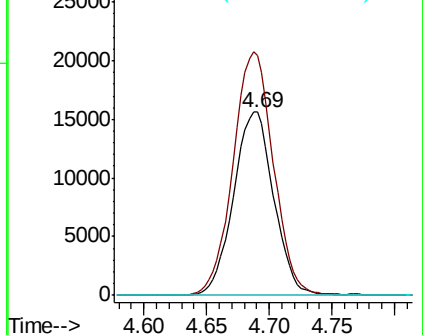
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039956.D (-1043) (-)

Ion 61.05 (60.75 to 61.75): VU039956.D (-1043) (-)

Ion 68.15 (67.85 to 68.85): VU039956.D (-1043) (-)



#23

Bromochloromethane

Concen: 4.860 ug/L

RT: 4.99 min Scan# 1136

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Tgt Ion: 128 Resp: 15991

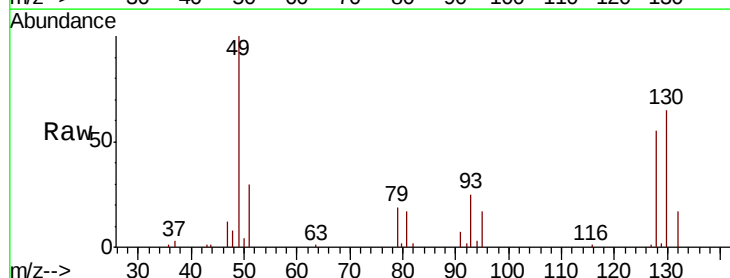
Ion Ratio Lower Upper

128 100

49 182.4 121.2 225.2

130 118.2 90.2 167.6

51 55.0 47.2 70.8

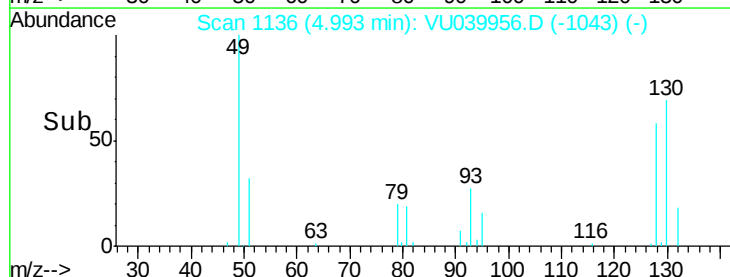
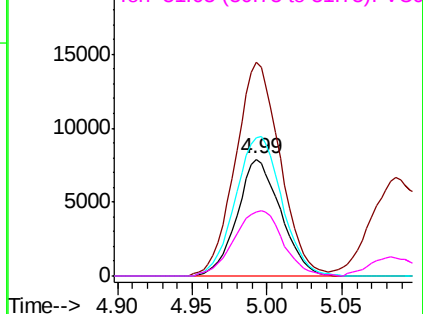


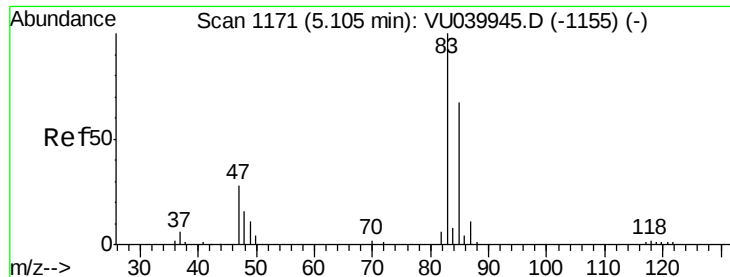
Abundance Ion 127.90 (127.60 to 128.60): VU039956.D (-1043) (-)

Ion 49.10 (48.80 to 49.80): VU039956.D (-1043) (-)

Ion 129.95 (129.65 to 130.65): VU039956.D (-1043) (-)

Ion 51.05 (50.75 to 51.75): VU039956.D (-1043) (-)

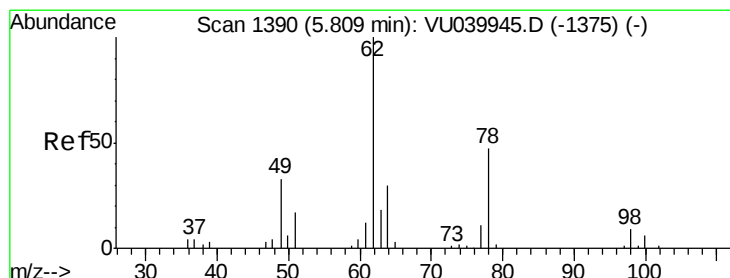
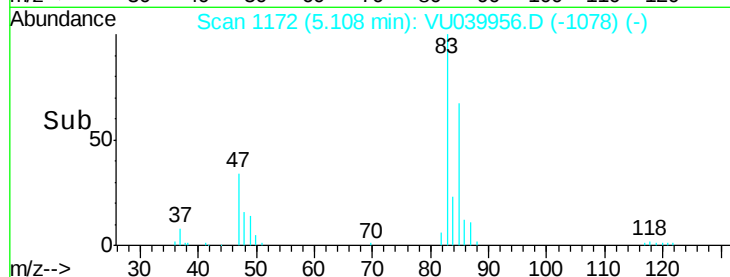
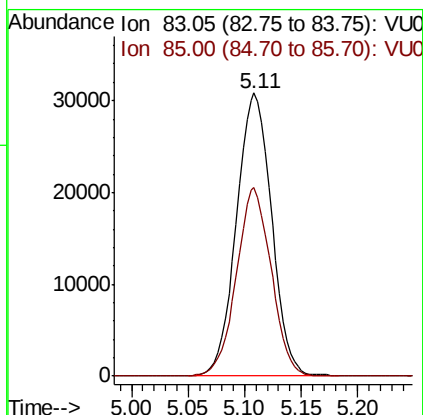
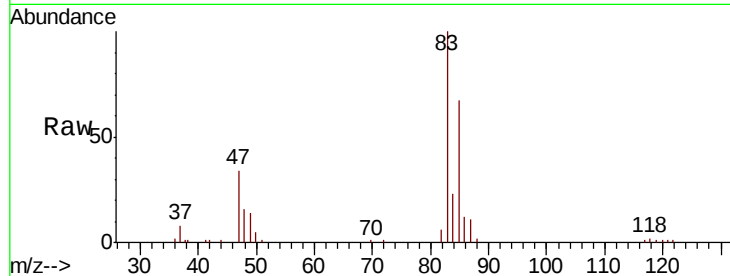




#25  
Chloroform  
Concen: 5.324 ug/L  
RT: 5.11 min Scan# 1172  
Delta R.T. 0.00 min  
Lab File: VU039956.D  
Acq: 24 Aug 2020 19:00

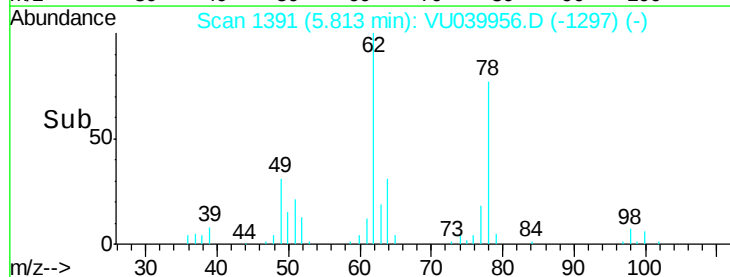
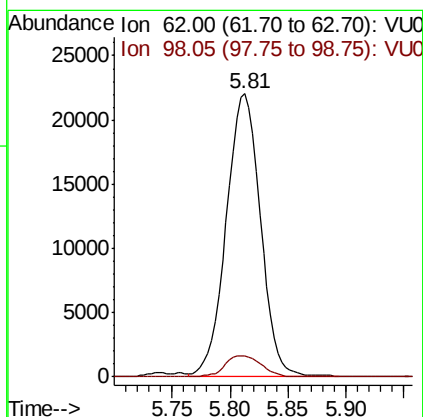
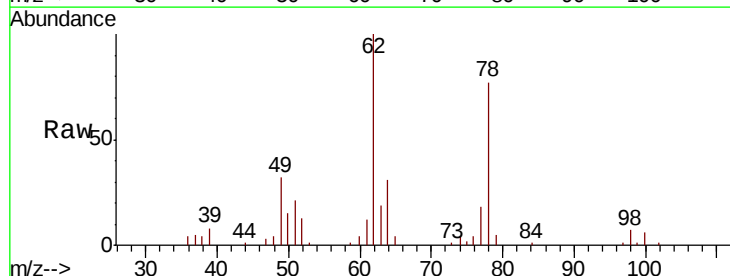
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00508

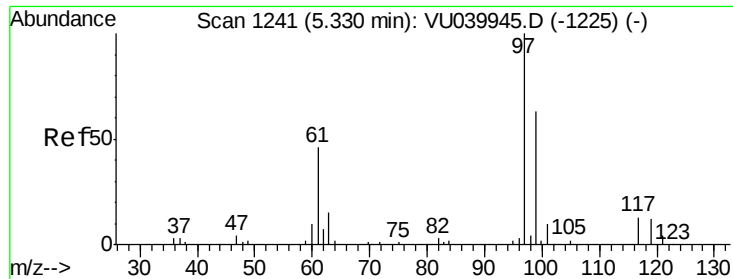
Tot Ion: 83 Resp: 66846  
Ion Ratio Lower Upper  
83 100  
85 66.8 46.4 86.2



#27  
1,2-Dichloroethane  
Concen: 5.147 ug/L  
RT: 5.81 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: VU039956.D  
Acq: 24 Aug 2020 19:00

Tgt Ion: 62 Resp: 45344  
Ion Ratio Lower Upper  
62 100  
98 7.3 7.4 11.2#

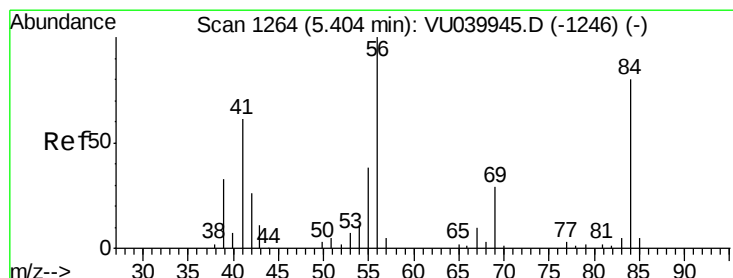
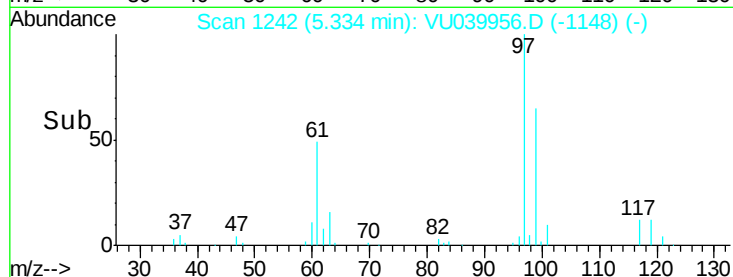
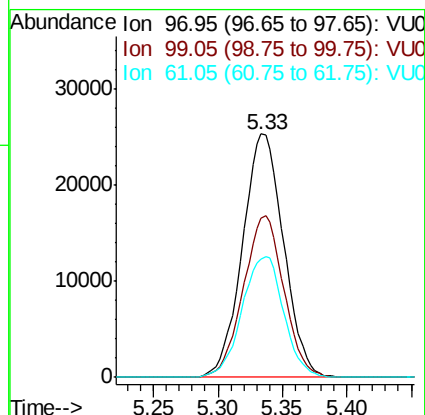
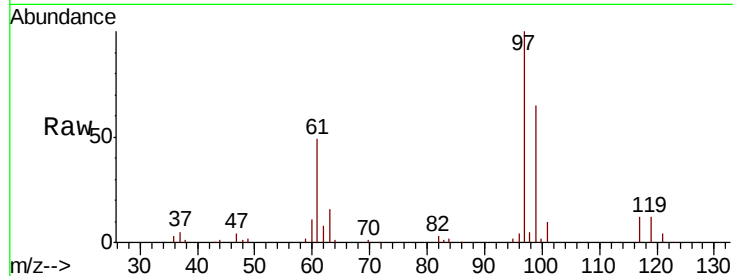




#29  
 1,1,1-Trichloroethane  
 Concen: 5.533 ug/L  
 RT: 5.33 min Scan# 1242  
 Delta R.T. 0.00 min  
 Lab File: VU039956.D  
 Acq: 24 Aug 2020 19:00

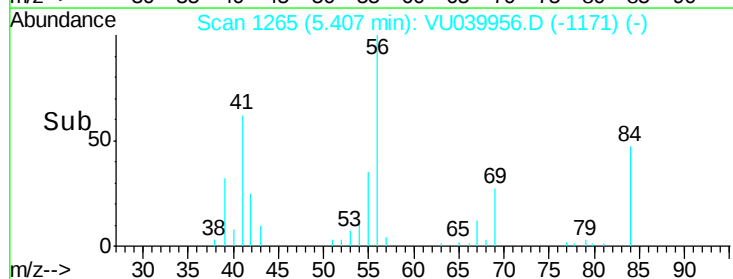
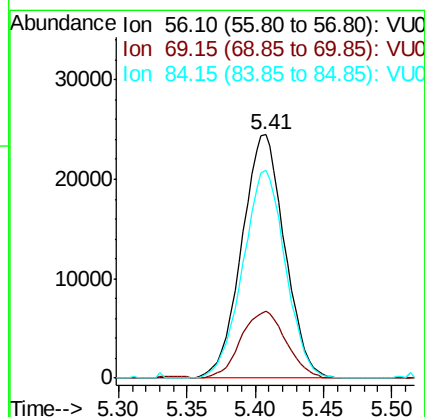
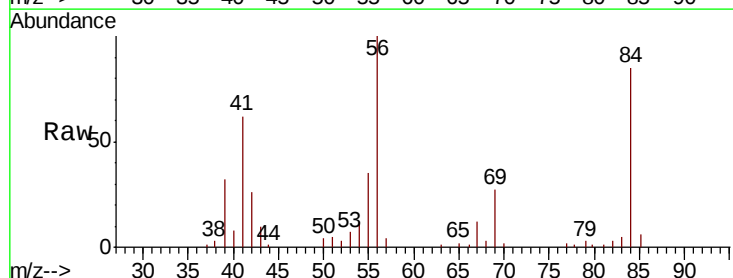
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00508

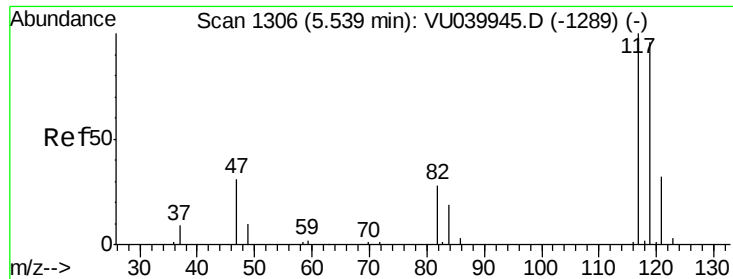
Tot Ion: 97 Resp: 56324  
 Ion Ratio Lower Upper  
 97 100  
 99 65.6 51.4 77.2  
 61 50.2 39.1 58.7



#30  
 Cyclohexane  
 Concen: 5.300 ug/L  
 RT: 5.41 min Scan# 1265  
 Delta R.T. 0.00 min  
 Lab File: VU039956.D  
 Acq: 24 Aug 2020 19:00

Tgt Ion: 56 Resp: 53412  
 Ion Ratio Lower Upper  
 56 100  
 69 28.8 23.1 34.7  
 84 84.7 69.0 103.6

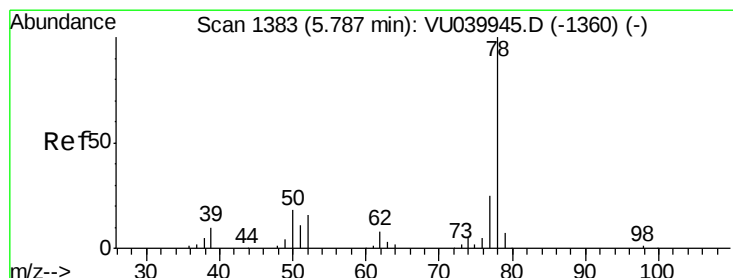
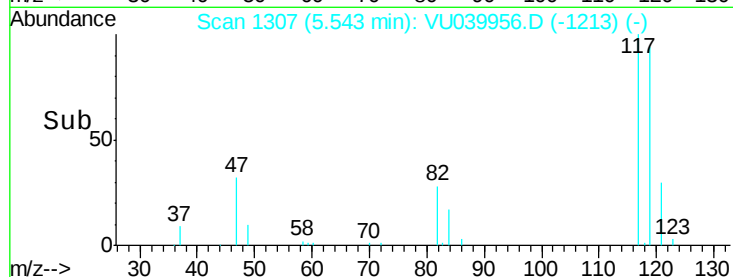
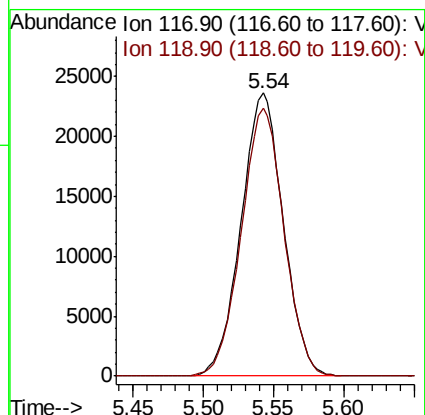
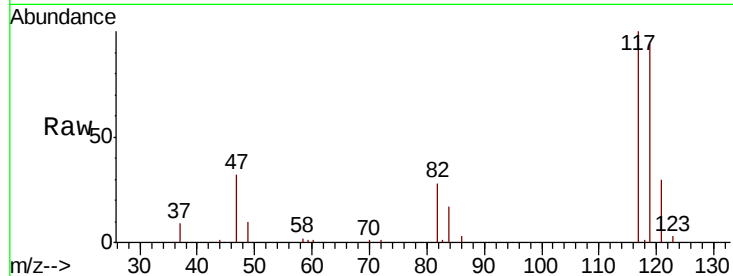




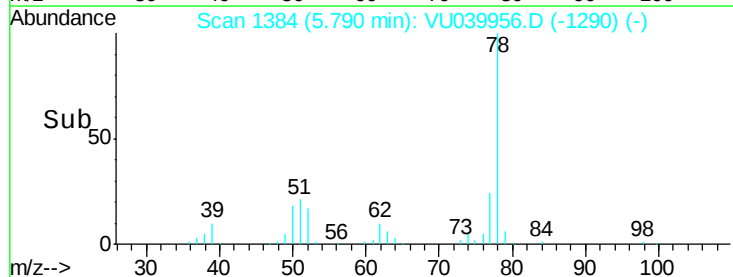
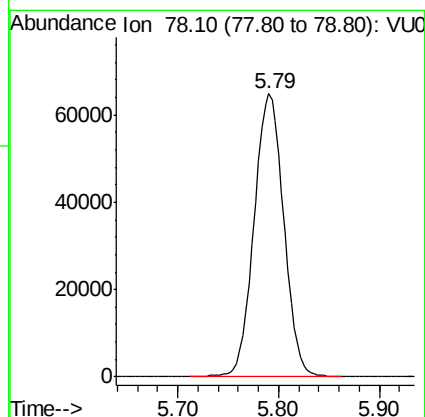
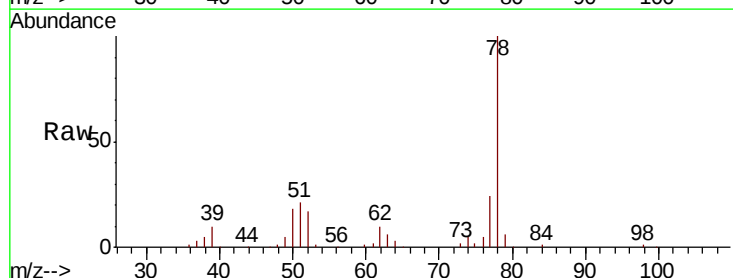
#31  
Carbon tetrachloride  
Concen: 5.497 ug/L  
RT: 5.54 min Scan# 1307  
Delta R.T. 0.00 min  
Lab File: VU039956.D  
Acq: 24 Aug 2020 19:00

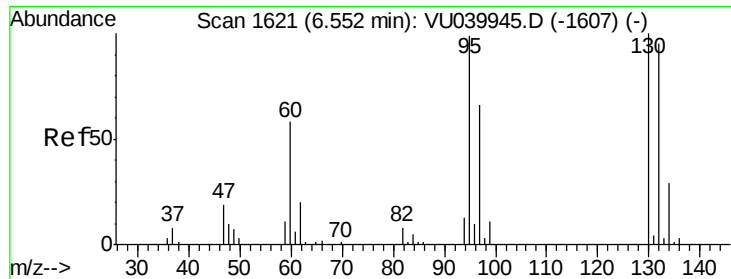
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00508

Tot Ion:117 Resp: 49406  
Ion Ratio Lower Upper  
117 100  
119 95.6 77.6 116.4



#33  
Benzene  
Concen: 5.259 ug/L  
RT: 5.79 min Scan# 1384  
Delta R.T. 0.00 min  
Lab File: VU039956.D  
Acq: 24 Aug 2020 19:00  
Tgt Ion: 78 Resp: 132274

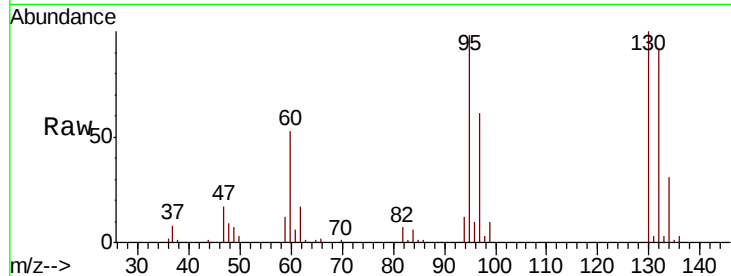




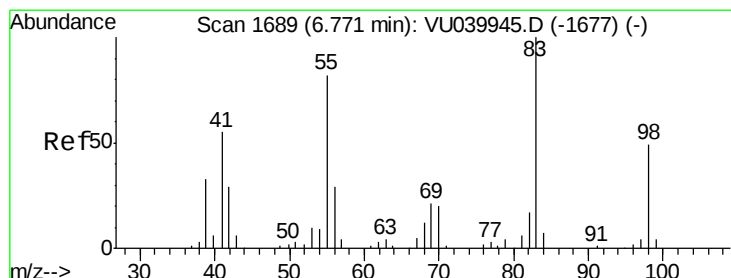
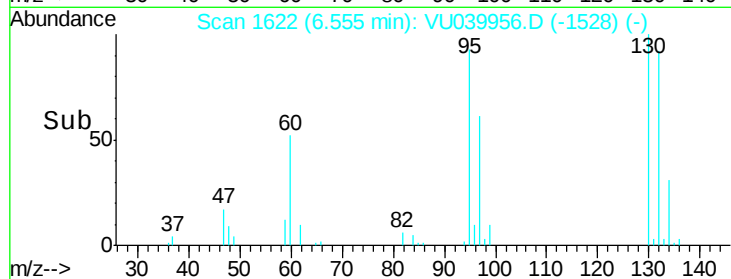
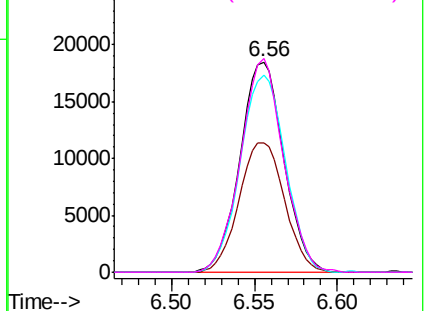
#34  
 Trichloroethene  
 Concen: 5.207 ug/L  
 RT: 6.56 min Scan# 1622  
 Delta R.T. 0.00 min  
 Lab File: VU039956.D  
 Acq: 24 Aug 2020 19:00

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00508

Tot Ion: 95 Resp: 33983  
 Ion Ratio Lower Upper  
 95 100  
 97 61.7 42.0 78.0  
 132 93.6 65.0 120.8  
 130 101.6 65.5 121.7

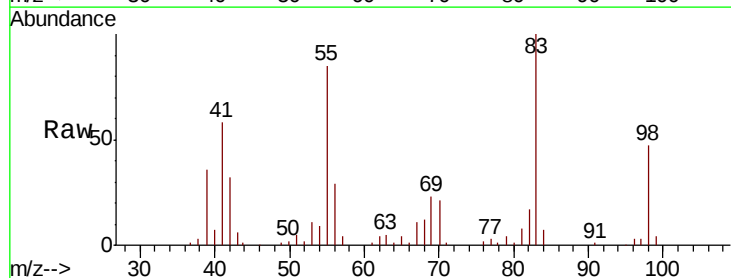


Abundance Ion 95.00 (94.70 to 95.70): VU0  
 Ion 96.95 (96.65 to 97.65): VU0  
 Ion 131.95 (131.65 to 132.65): V  
 Ion 129.95 (129.65 to 130.65): V

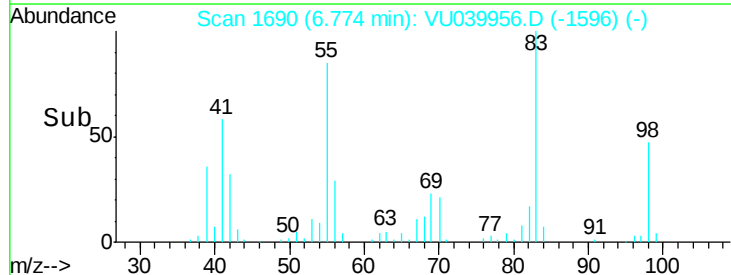
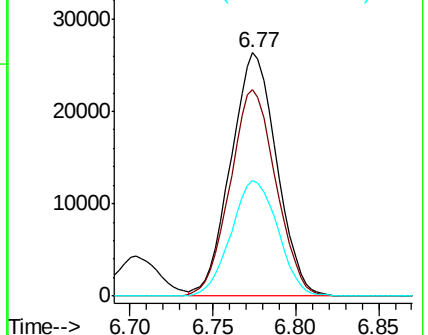


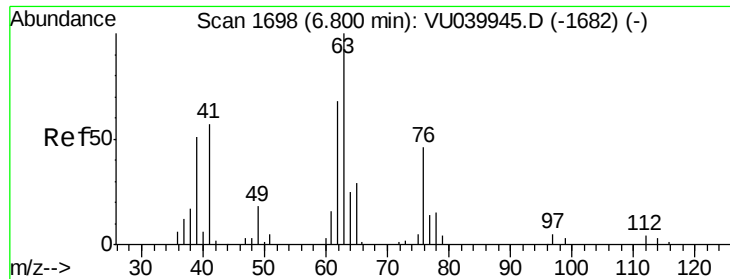
#35  
 Methylcyclohexane  
 Concen: 5.067 ug/L  
 RT: 6.77 min Scan# 1690  
 Delta R.T. 0.00 min  
 Lab File: VU039956.D  
 Acq: 24 Aug 2020 19:00

Tgt Ion: 83 Resp: 50659  
 Ion Ratio Lower Upper  
 83 100  
 55 84.8 64.1 96.1  
 98 48.5 39.4 59.0



Abundance Ion 83.15 (82.85 to 83.85): VU0  
 Ion 55.10 (54.80 to 55.80): VU0  
 Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 5.372 ug/L

RT: 6.80 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Instrument :

MSVOA\_U

ClientSampleId :

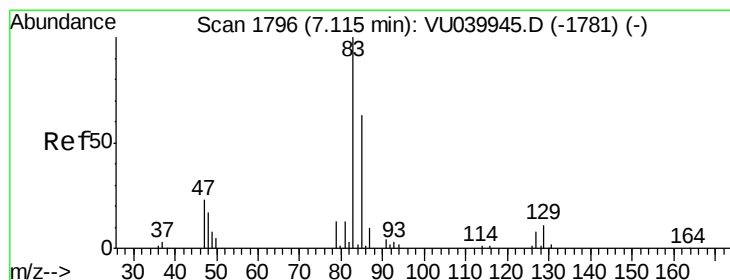
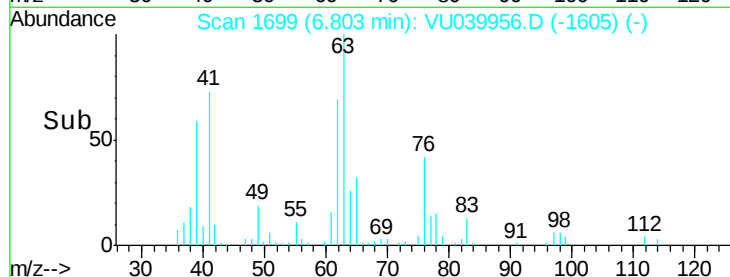
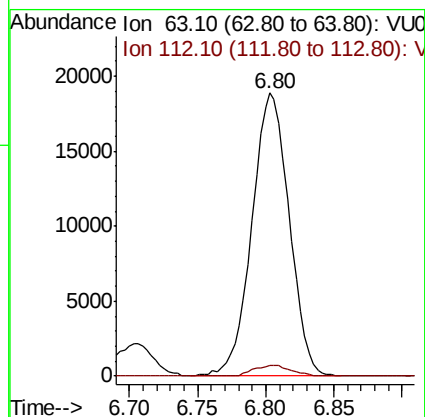
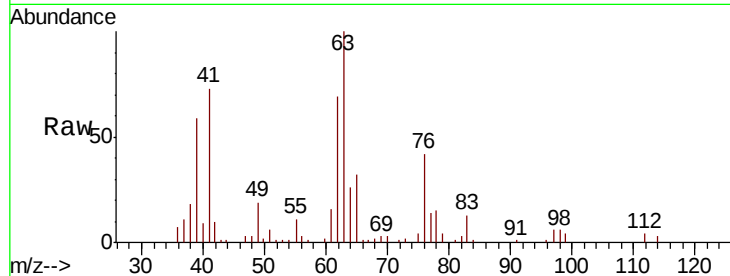
VSTD00508

Tot Ion: 63 Resp: 35907

Ion Ratio Lower Upper

63 100

112 3.8 4.1 6.1#



#38

Bromodichloromethane

Concen: 5.515 ug/L

RT: 7.12 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

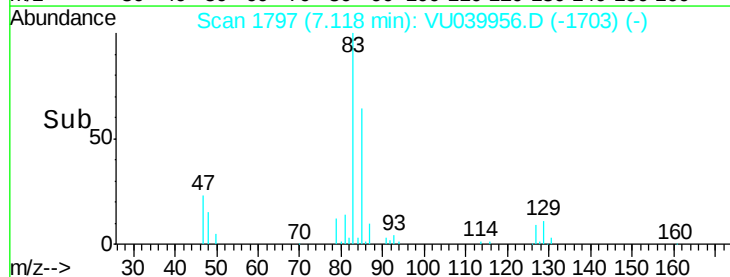
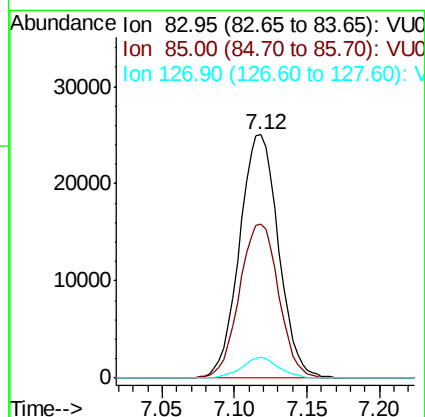
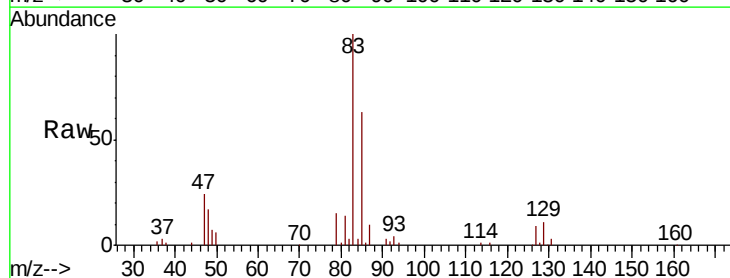
Tgt Ion: 83 Resp: 46842

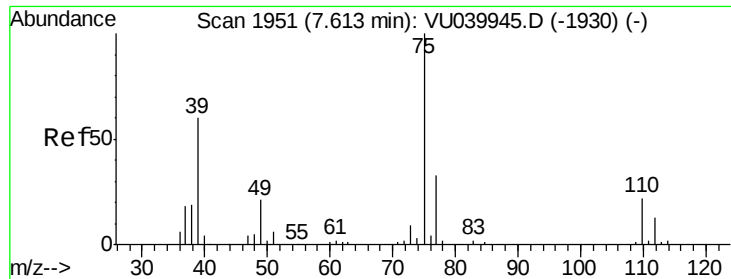
Ion Ratio Lower Upper

83 100

85 63.4 44.3 82.3

127 8.6 6.7 10.1

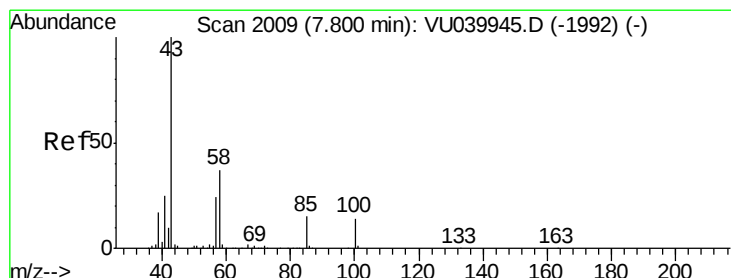
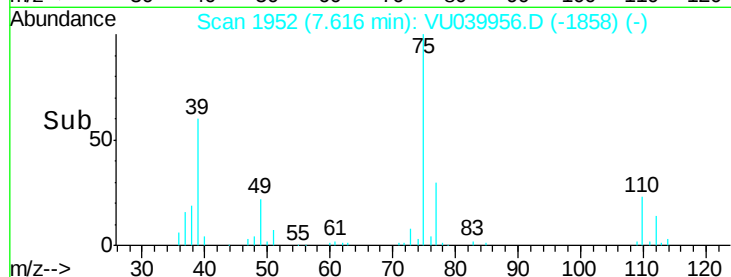
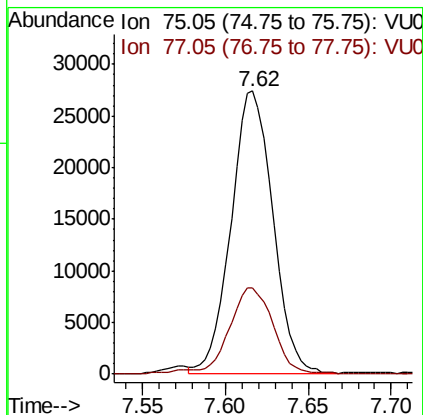
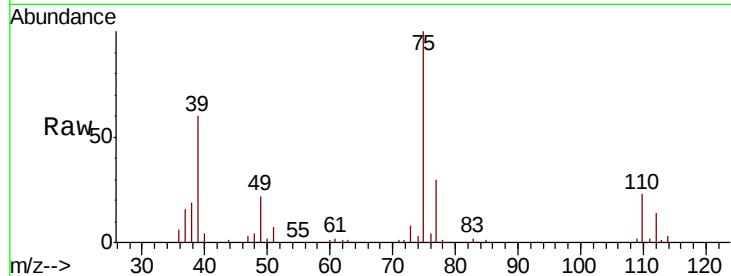




#39  
 cis-1,3-Dichloropropene  
 Concen: 5.173 ug/L  
 RT: 7.62 min Scan# 1952  
 Delta R.T. 0.00 min  
 Lab File: VU039956.D  
 Acq: 24 Aug 2020 19:00

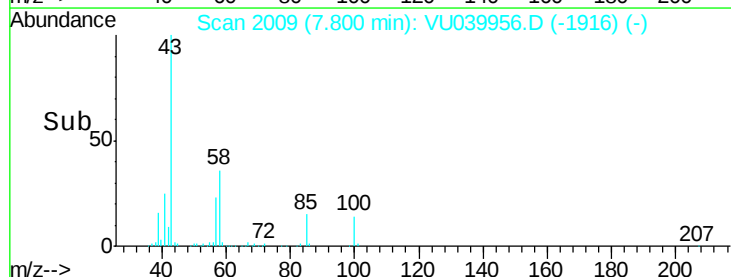
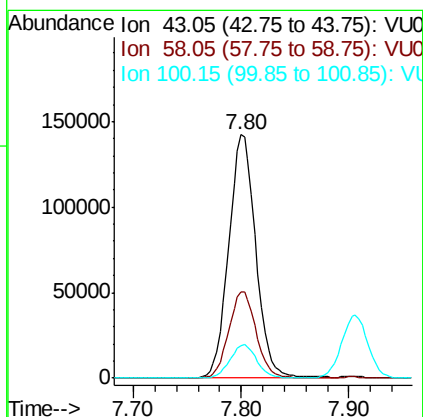
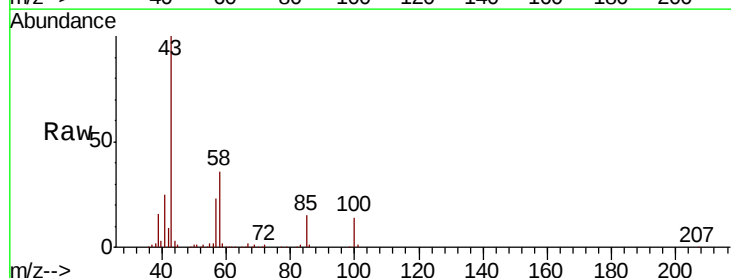
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00508

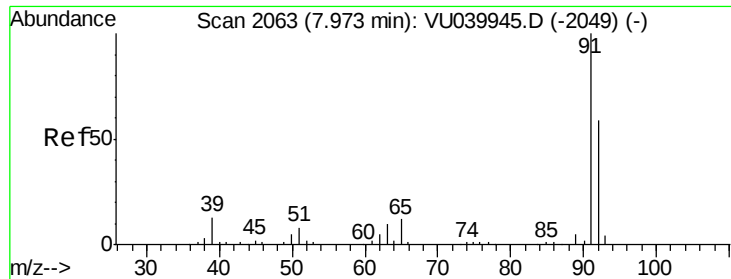
Tot Ion: 75 Resp: 48323  
 Ion Ratio Lower Upper  
 75 100  
 77 30.3 22.6 42.0



#40  
 4-Methyl-2-pentanone  
 Concen: 47.137 ug/L  
 RT: 7.80 min Scan# 2009  
 Delta R.T. 0.00 min  
 Lab File: VU039956.D  
 Acq: 24 Aug 2020 19:00

Tgt Ion: 43 Resp: 249494  
 Ion Ratio Lower Upper  
 43 100  
 58 35.6 29.7 44.5  
 100 13.6 11.2 16.8





#42

Toluene

Concen: 5.369 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Instrument :

MSVOA\_U

ClientSampleId :

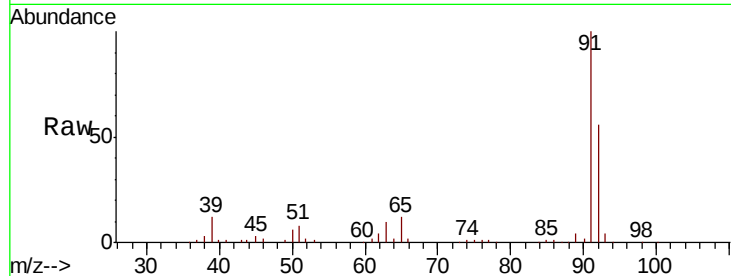
VSTD00508

Tot Ion: 91 Resp: 138098

Ion Ratio Lower Upper

91 100

92 56.5 42.3 78.5



Abundance Ion 91.15 (90.85 to 91.85): VU039945.D (-2049) (-)

Ion 92.15 (91.85 to 92.85): VU039945.D (-2049) (-)

7.98

80000

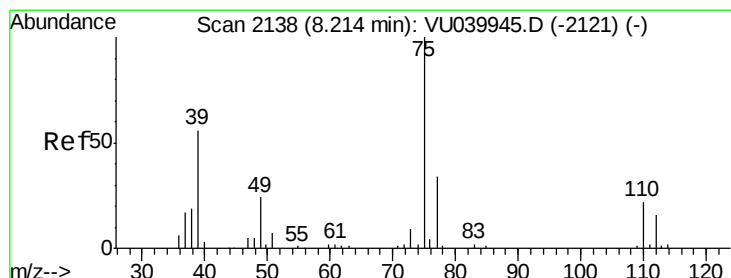
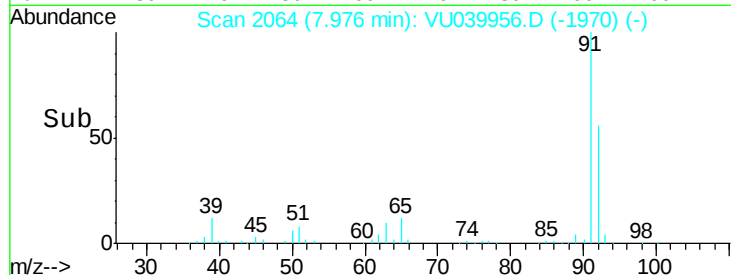
60000

40000

20000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 4.963 ug/L

RT: 8.22 min Scan# 2139

Delta R.T. 0.00 min

Lab File: VU039956.D

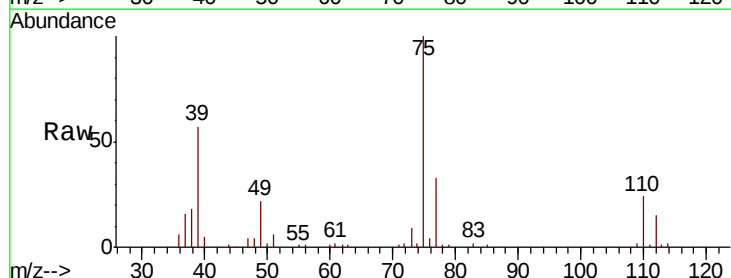
Acq: 24 Aug 2020 19:00

Tgt Ion: 75 Resp: 43559

Ion Ratio Lower Upper

75 100

77 33.4 25.3 46.9



Abundance Ion 75.05 (74.75 to 75.75): VU039945.D (-2121) (-)

Ion 77.05 (76.75 to 77.75): VU039945.D (-2121) (-)

8.22

30000

25000

20000

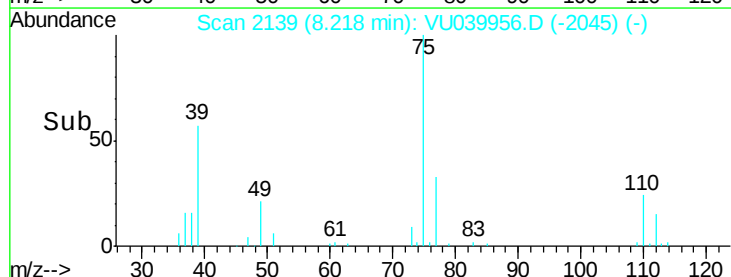
15000

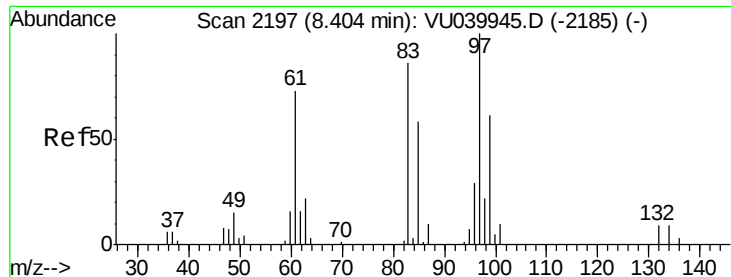
10000

5000

0

Time-->

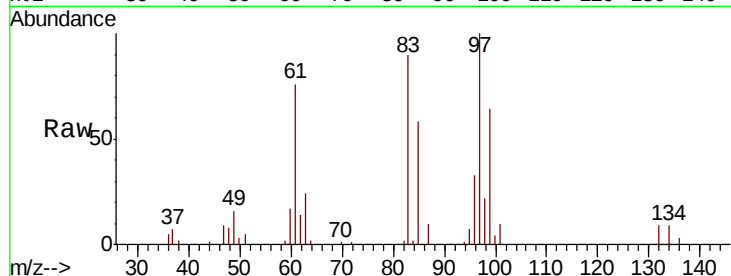




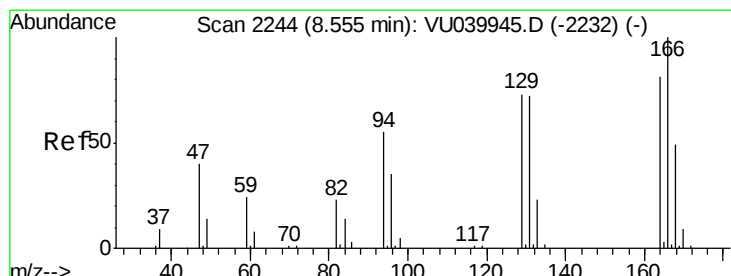
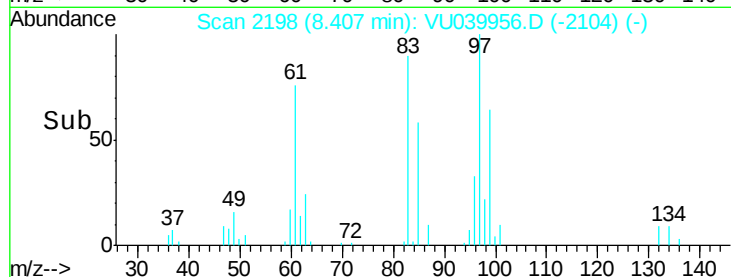
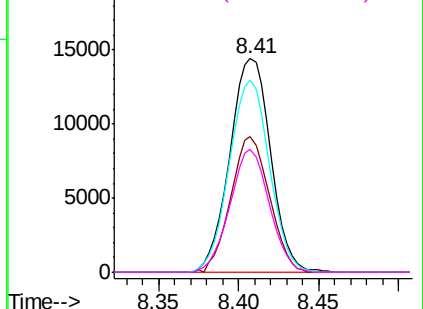
#45  
 1,1,2-Trichloroethane  
 Concen: 4.939 ug/L  
 RT: 8.41 min Scan# 2198  
 Delta R.T. 0.00 min  
 Lab File: VU039956.D  
 Acq: 24 Aug 2020 19:00

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00508

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 25081 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 63.6  | 42.1  | 78.3  |
| 83       | 89.9  | 59.3  | 110.1 |
| 85       | 57.6  | 37.2  | 69.2  |

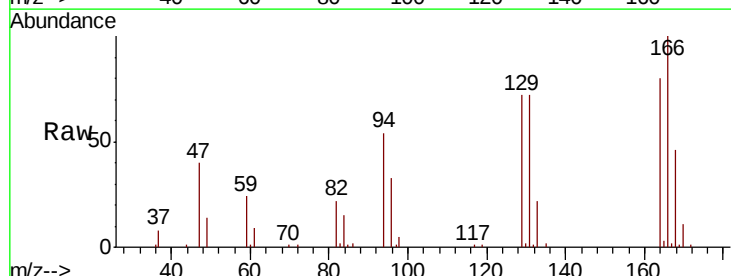


Abundance Ion 96.95 (96.65 to 97.65): VU039945.D (-2185) (-)  
 Ion 99.05 (98.75 to 99.75): VU039945.D (-2185) (-)  
 Ion 82.95 (82.65 to 83.65): VU039945.D (-2185) (-)  
 Ion 85.00 (84.70 to 85.70): VU039945.D (-2185) (-)

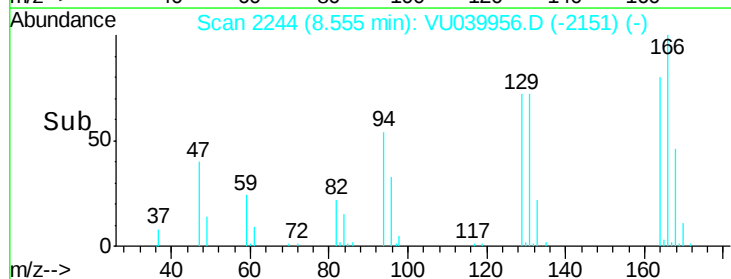
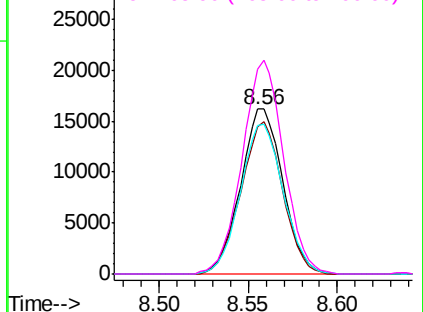


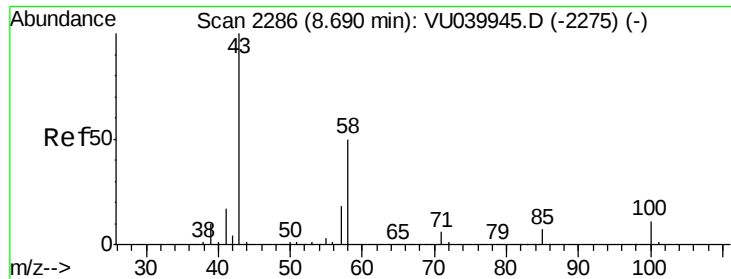
#47  
 Tetrachloroethene  
 Concen: 5.577 ug/L  
 RT: 8.56 min Scan# 2244  
 Delta R.T. 0.00 min  
 Lab File: VU039956.D  
 Acq: 24 Aug 2020 19:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 26853 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 89.3  | 69.1  | 128.3 |
| 131      | 90.1  | 66.0  | 122.6 |
| 166      | 124.5 | 94.0  | 174.6 |



Abundance Ion 163.90 (163.60 to 164.60): VU039945.D (-2232) (-)  
 Ion 128.95 (128.65 to 129.65): VU039945.D (-2232) (-)  
 Ion 130.95 (130.65 to 131.65): VU039945.D (-2232) (-)  
 Ion 165.90 (165.60 to 166.60): VU039945.D (-2232) (-)

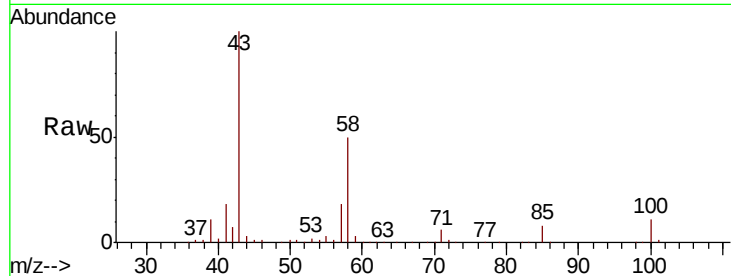




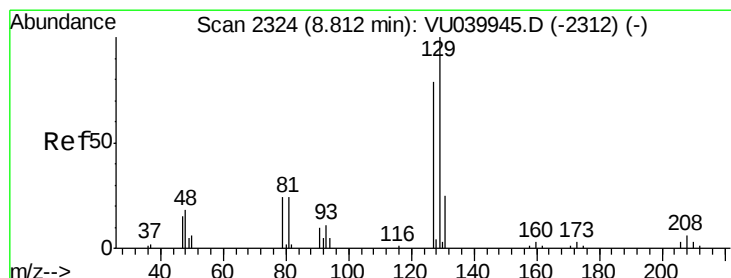
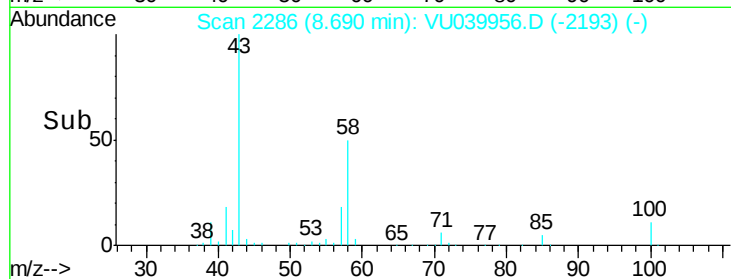
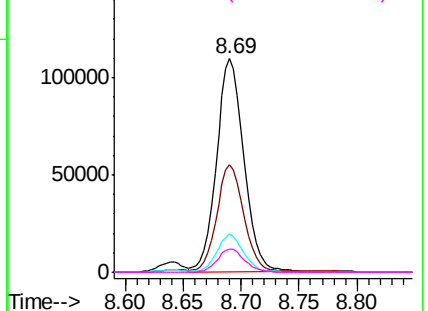
#48  
2-Hexanone  
Concen: 47.395 ug/L  
RT: 8.69 min Scan# 2286  
Delta R.T. 0.00 min  
Lab File: VU039956.D  
Acq: 24 Aug 2020 19:00

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD00508

Tot Ion: 43 Resp: 179768  
Ion Ratio Lower Upper  
43 100  
58 50.4 41.3 61.9  
57 17.3 14.1 21.1  
100 10.8 9.1 13.7

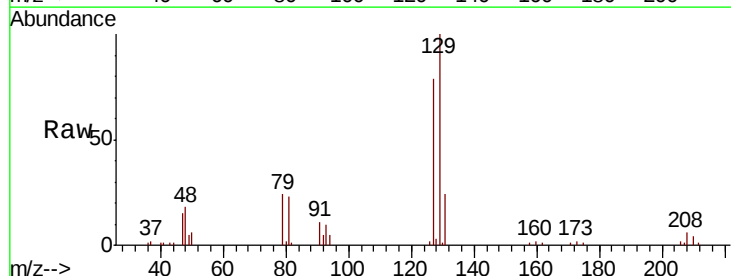


Abundance Ion 43.05 (42.75 to 43.75): VU0  
Ion 58.05 (57.75 to 58.75): VU0  
Ion 57.20 (56.90 to 57.90): VU0  
Ion 100.15 (99.85 to 100.85): VU0

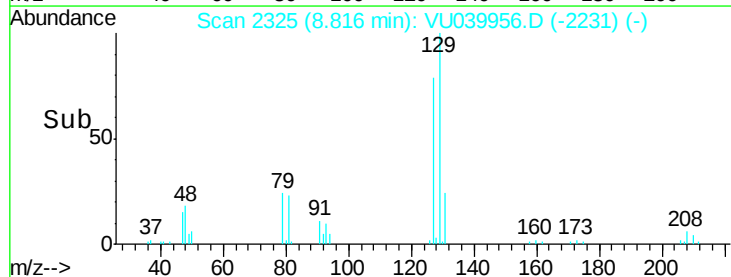
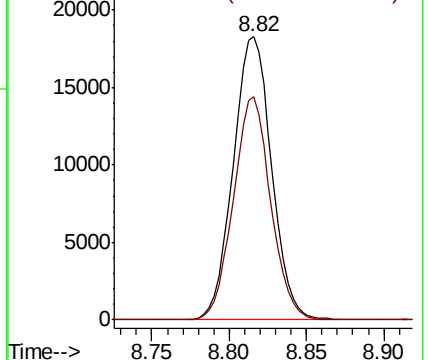


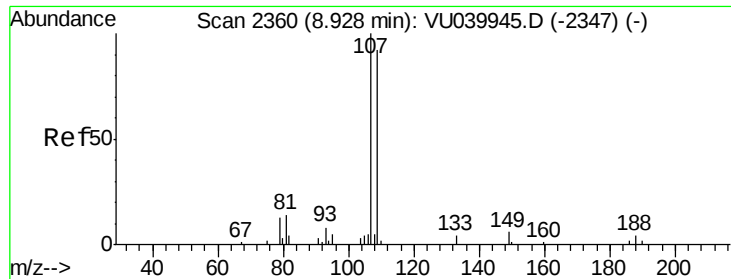
#49  
Dibromochloromethane  
Concen: 5.188 ug/L  
RT: 8.82 min Scan# 2325  
Delta R.T. 0.00 min  
Lab File: VU039956.D  
Acq: 24 Aug 2020 19:00

Tgt Ion: 129 Resp: 31455  
Ion Ratio Lower Upper  
129 100  
127 78.8 53.1 98.7



Abundance Ion 128.95 (128.65 to 129.65): V  
Ion 126.90 (126.60 to 127.60): V





#50

1,2-Dibromoethane

Concen: 4.856 ug/L

RT: 8.93 min Scan# 2360

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Instrument :

MSVOA\_U

ClientSampleId :

VSTD00508

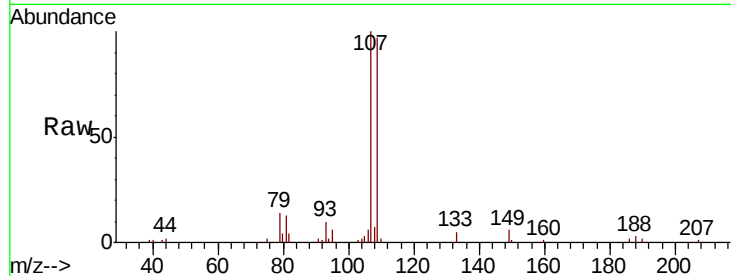
Tot Ion:107 Resp: 23483

Ion Ratio Lower Upper

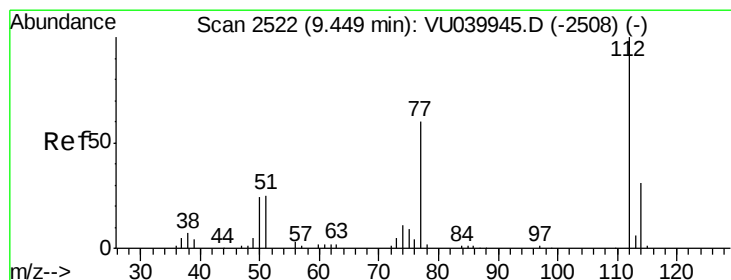
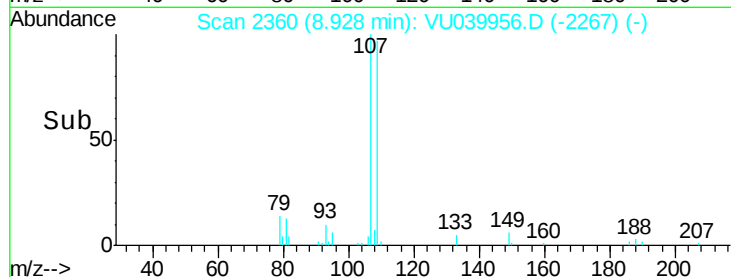
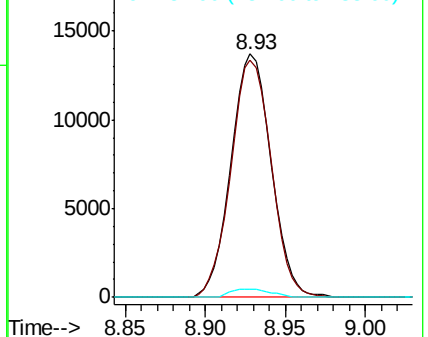
107 100

109 97.5 68.3 126.9

188 3.4 2.2 3.4#



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: 5.112 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

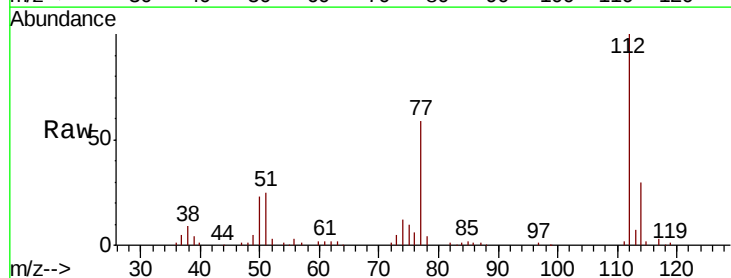
Tgt Ion:112 Resp: 85857

Ion Ratio Lower Upper

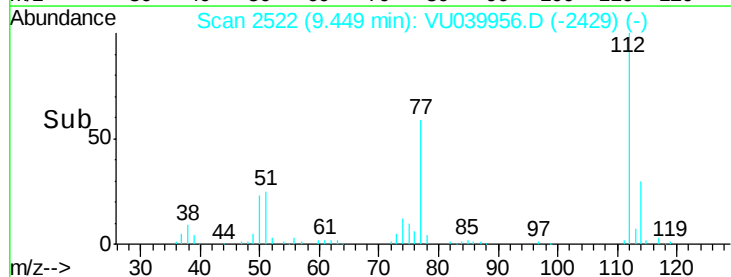
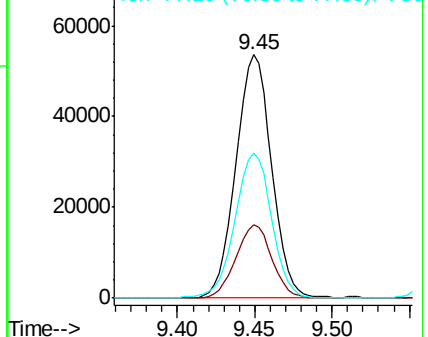
112 100

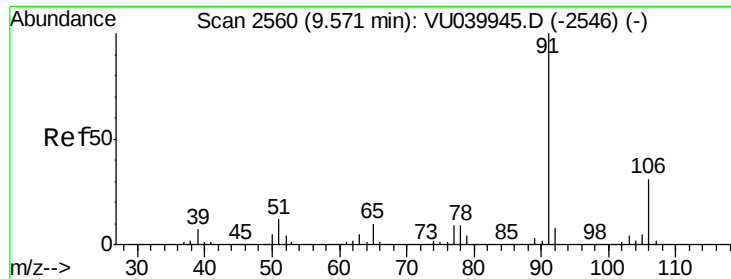
114 29.9 21.8 40.4

77 59.4 45.4 68.0



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





#52

Ethylbenzene

Concen: 5.340 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Instrument :

MSVOA\_U

ClientSampleId :

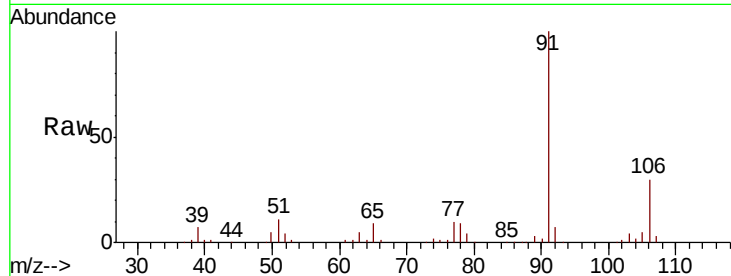
VSTD00508

Tot Ion: 91 Resp: 149388

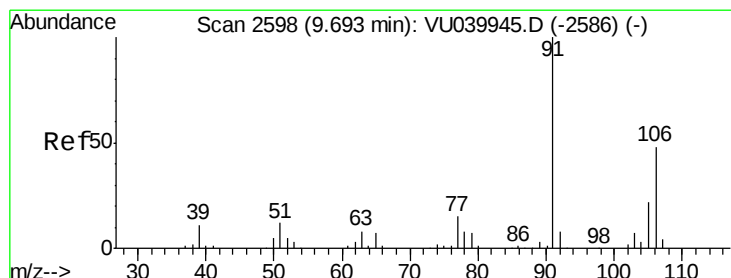
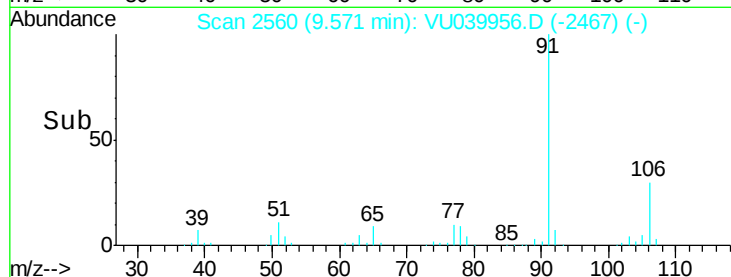
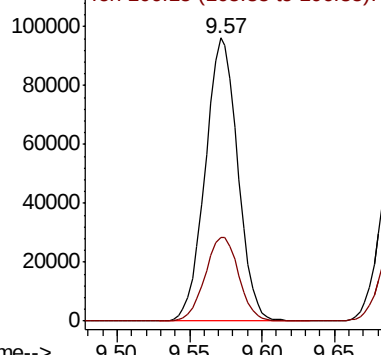
Ion Ratio Lower Upper

91 100

106 29.8 21.2 39.4



Abundance Ion 91.15 (90.85 to 91.85): VU039945.D (-2546) (-)



#53

m,p-Xylene

Concen: 5.231 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU039956.D

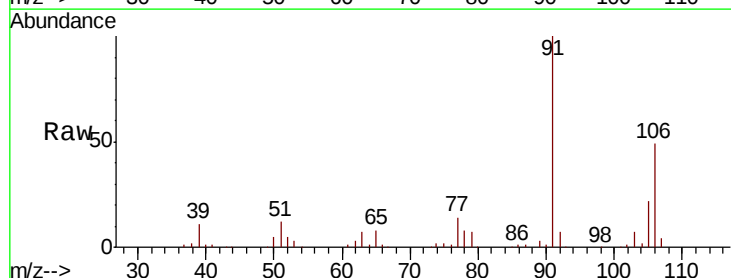
Acq: 24 Aug 2020 19:00

Tgt Ion: 106 Resp: 56174

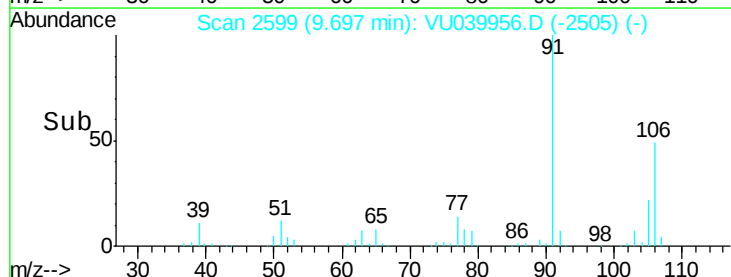
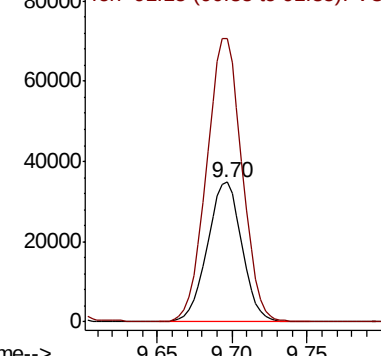
Ion Ratio Lower Upper

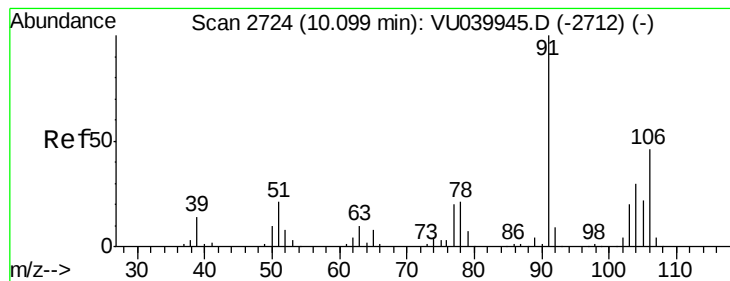
106 100

91 202.7 139.8 259.6



Abundance Ion 106.15 (105.85 to 106.85): VU039945.D (-2586) (-)





#54

o-Xylene

Concen: 5.246 ug/L

RT: 10.10 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Instrument :

MSVOA\_U

ClientSampleId :

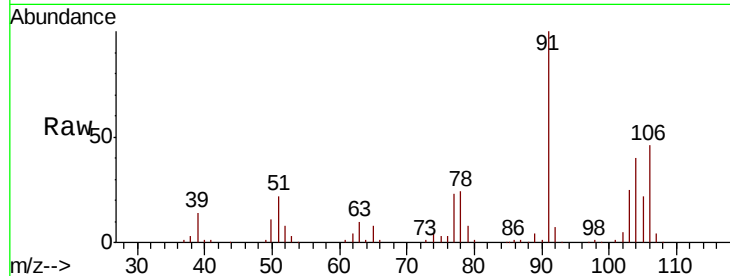
VSTD00508

Tot Ion:106 Resp: 53258

Ion Ratio Lower Upper

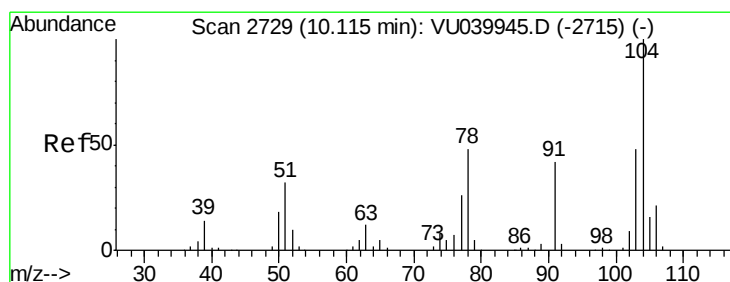
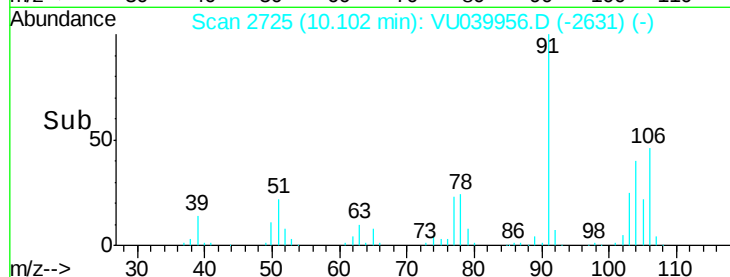
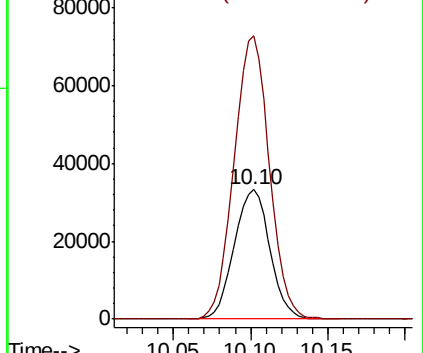
106 100

91 219.2 144.6 268.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 5.283 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. 0.00 min

Lab File: VU039956.D

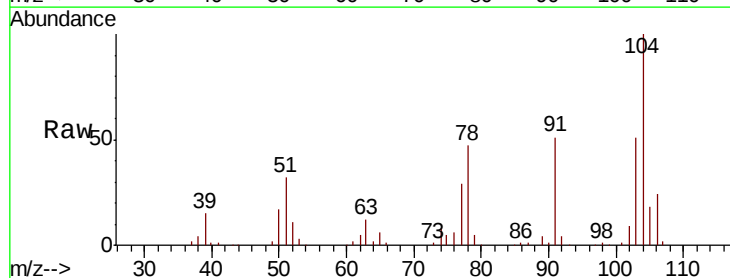
Acq: 24 Aug 2020 19:00

Tgt Ion:104 Resp: 92970

Ion Ratio Lower Upper

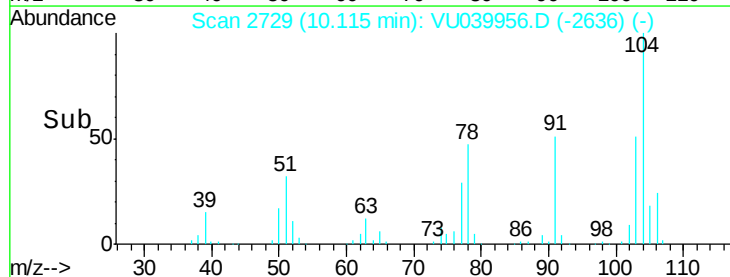
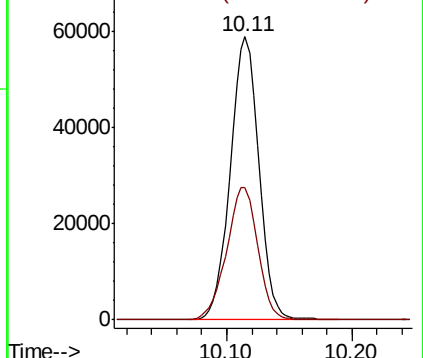
104 100

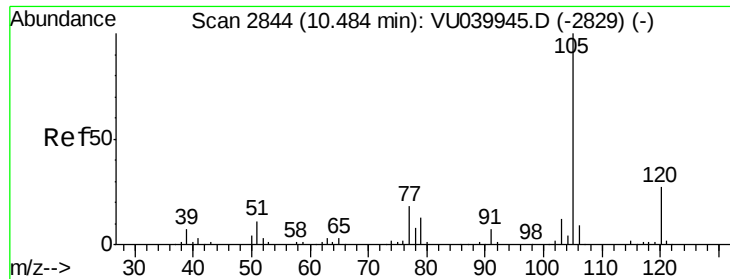
78 46.7 32.3 59.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 5.351 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Instrument :

MSVOA\_U

ClientSampleId :

VSTD00508

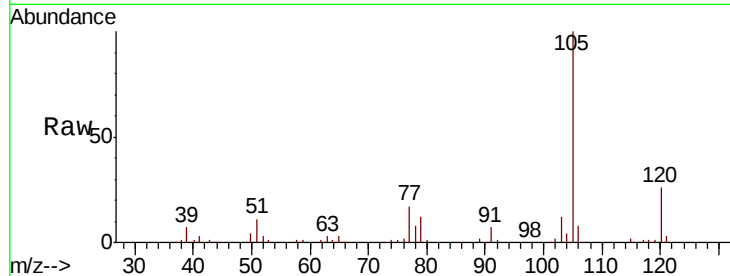
Tot Ion:105 Resp: 145602

Ion Ratio Lower Upper

105 100

120 26.3 21.5 32.3

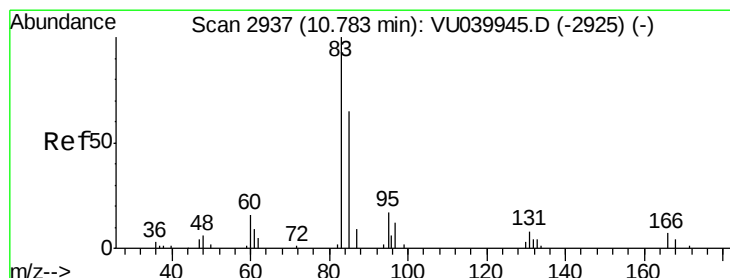
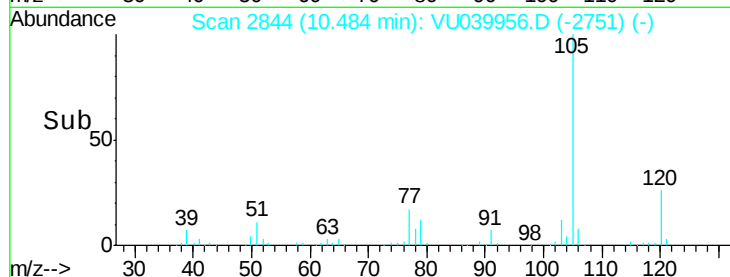
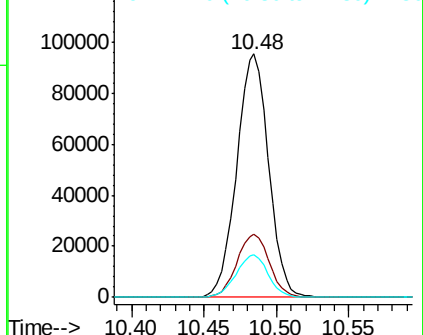
77 17.6 13.0 19.6



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: 4.553 ug/L

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

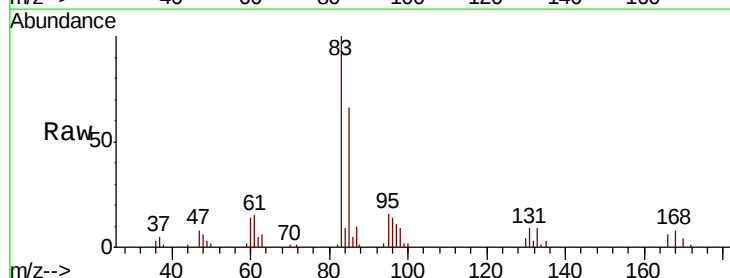
Tgt Ion: 83 Resp: 29858

Ion Ratio Lower Upper

83 100

85 65.8 42.8 79.6

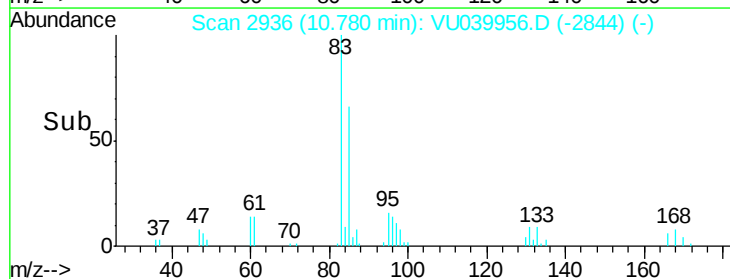
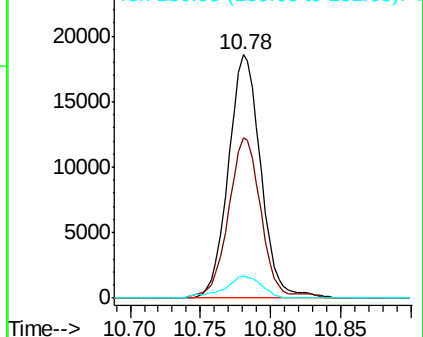
131 9.1 7.4 11.2

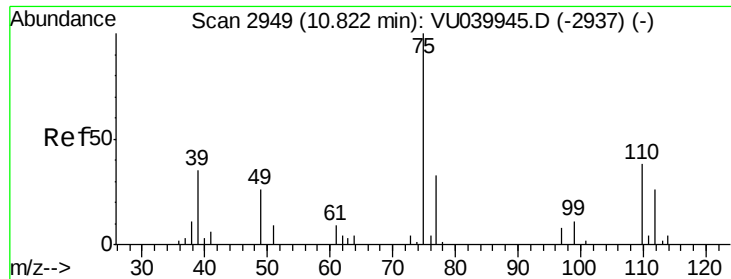


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 4.484 ug/L

RT: 10.82 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Instrument :

MSVOA\_U

ClientSampleId :

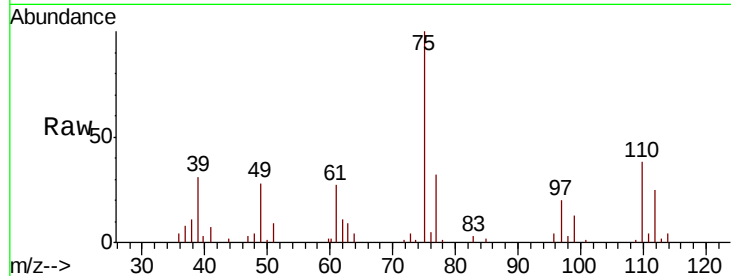
VSTD00508

Tot Ion: 75 Resp: 21473

Ion Ratio Lower Upper

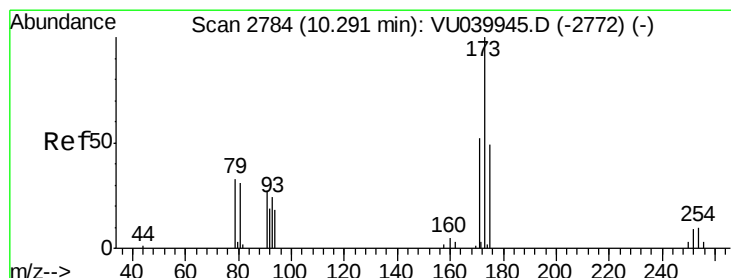
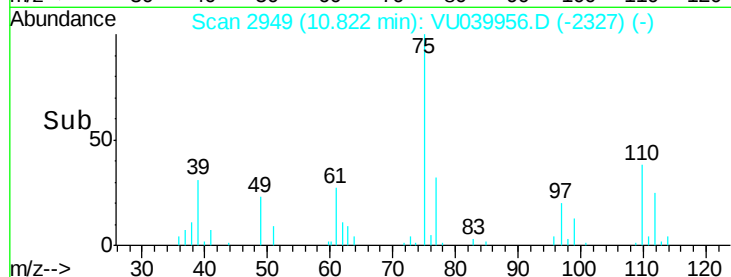
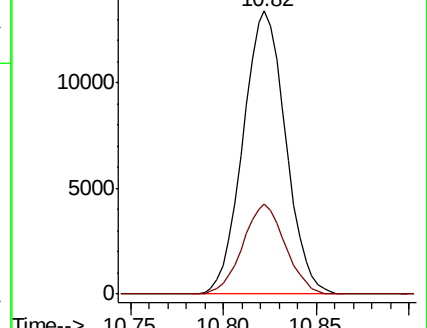
75 100

77 31.6 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU039945.D (-2937) (-)

Ion 77.00 (76.70 to 77.70): VU039945.D (-2937) (-)



#61

Bromoform

Concen: 5.304 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

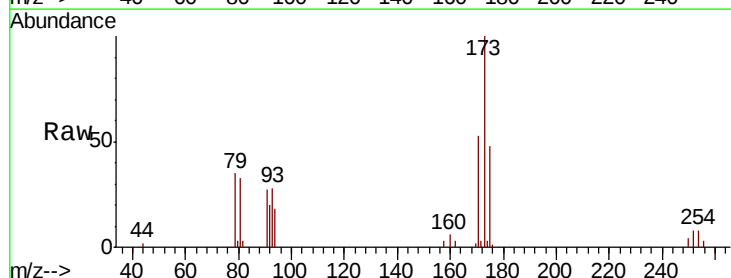
Tgt Ion: 173 Resp: 16990

Ion Ratio Lower Upper

173 100

175 47.3 37.6 56.4

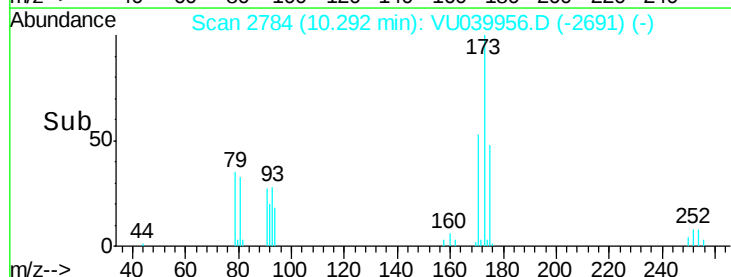
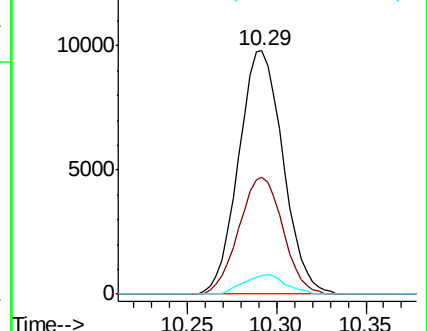
254 7.5 5.8 8.8

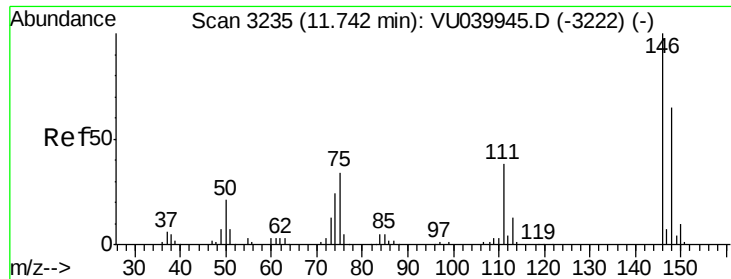


Abundance Ion 172.90 (172.60 to 173.60): VU039945.D (-2772) (-)

Ion 174.90 (174.60 to 175.60): VU039945.D (-2772) (-)

Ion 253.75 (253.45 to 254.45): VU039945.D (-2772) (-)

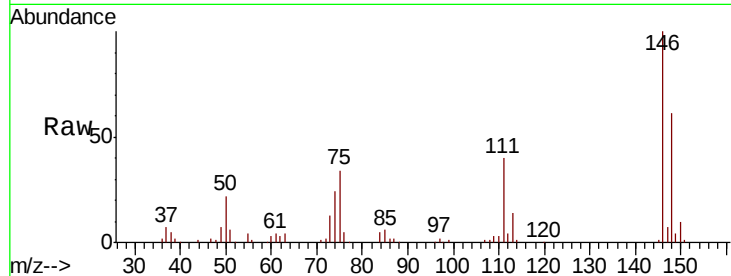




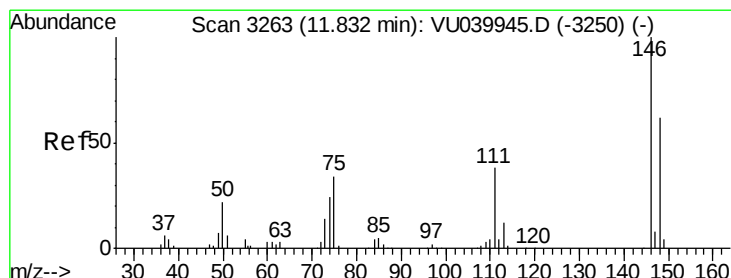
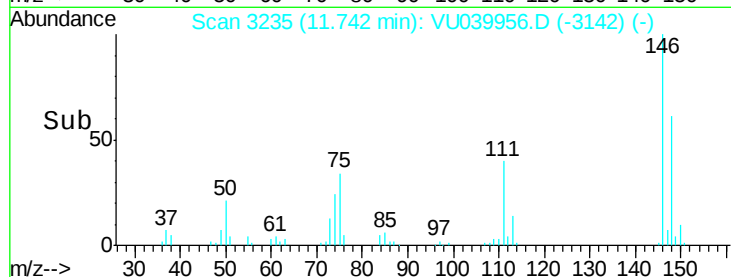
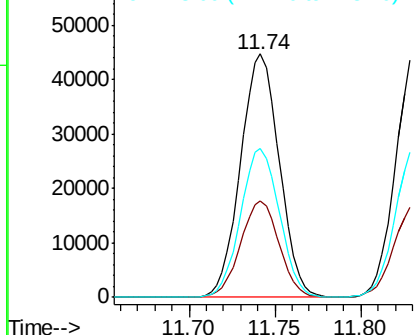
#62  
 1,3-Dichlorobenzene  
 Concen: 5.198 ug/L  
 RT: 11.74 min Scan# 3235  
 Delta R.T. 0.00 min  
 Lab File: VU039956.D  
 Acq: 24 Aug 2020 19:00

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00508

Tot Ion:146 Resp: 70002  
 Ion Ratio Lower Upper  
 146 100  
 111 39.7 27.6 51.4  
 148 60.9 43.8 81.4

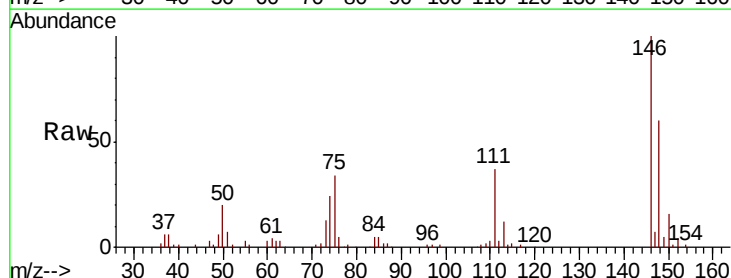


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 111.00 (110.70 to 111.70): V  
 Ion 148.00 (147.70 to 148.70): V

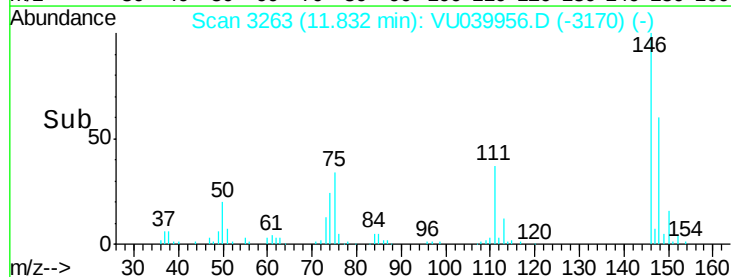
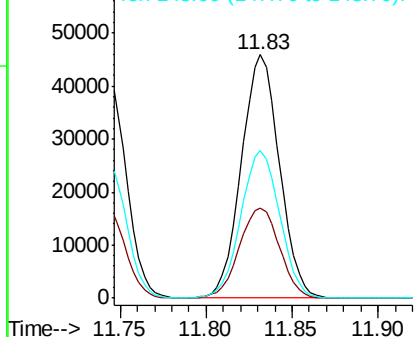


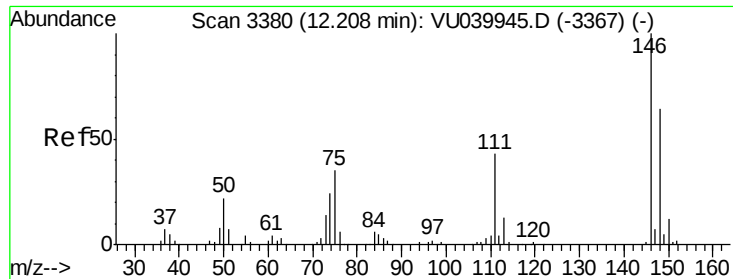
#63  
 1,4-Dichlorobenzene  
 Concen: 5.144 ug/L  
 RT: 11.83 min Scan# 3263  
 Delta R.T. 0.00 min  
 Lab File: VU039956.D  
 Acq: 24 Aug 2020 19:00

Tgt Ion:146 Resp: 70526  
 Ion Ratio Lower Upper  
 146 100  
 111 37.1 26.5 49.1  
 148 60.4 42.8 79.4



Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 111.00 (110.70 to 111.70): V  
 Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.006 ug/L

RT: 12.21 min Scan# 3380

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Instrument :

MSVOA\_U

ClientSampleId :

VSTD00508

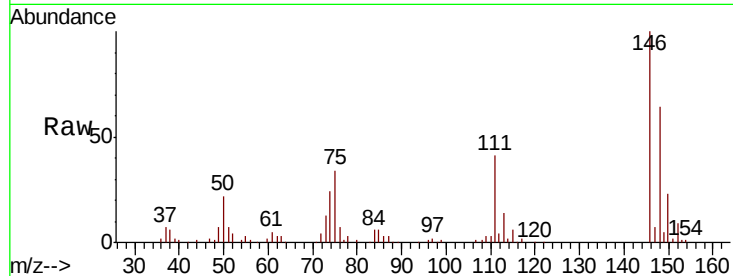
Tot Ion:146 Resp: 65063

Ion Ratio Lower Upper

146 100

111 41.5 33.4 50.0

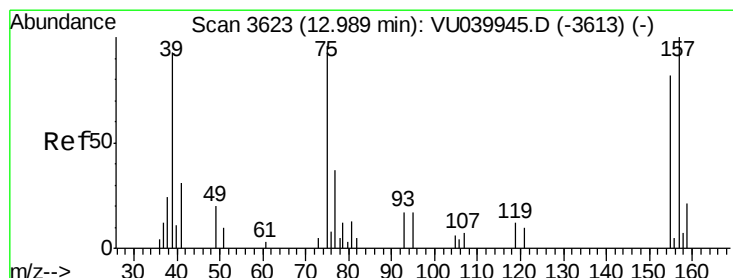
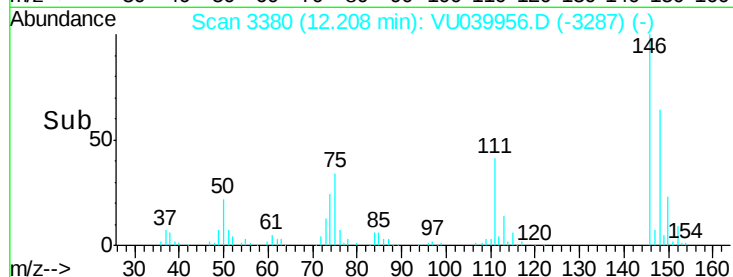
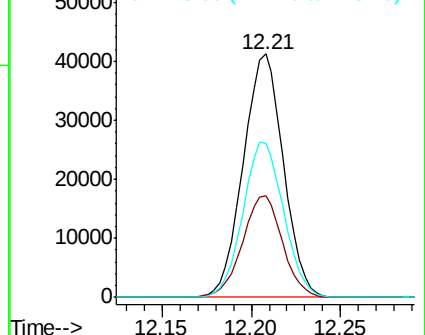
148 63.5 51.4 77.0



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 4.767 ug/L

RT: 12.99 min Scan# 3623

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

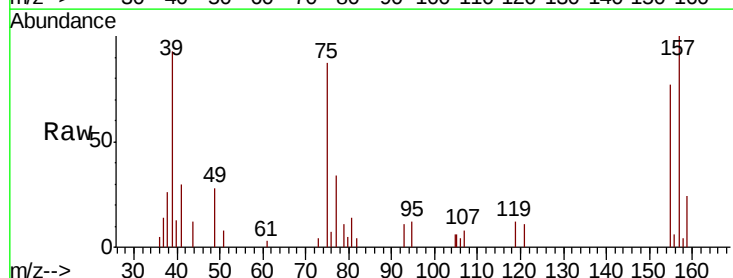
Tgt Ion: 75 Resp: 5066

Ion Ratio Lower Upper

75 100

155 87.6 54.6 82.0#

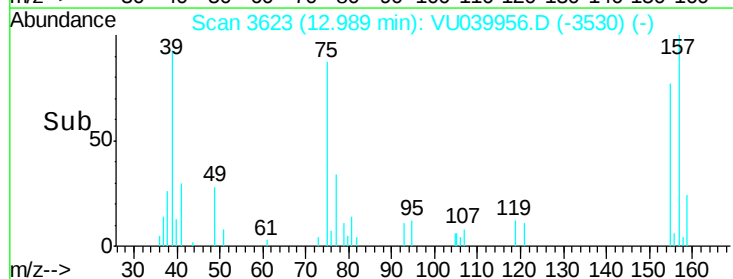
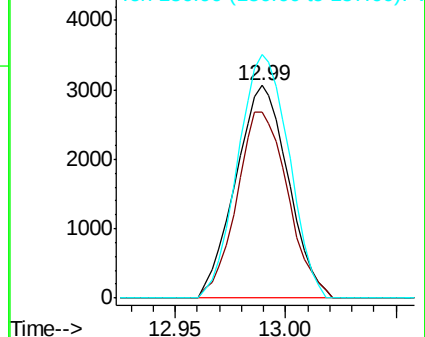
157 114.5 72.2 108.4#

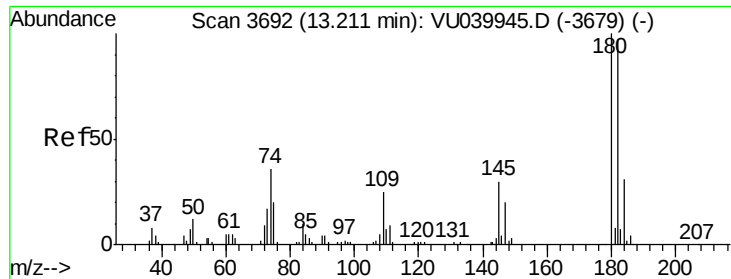


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

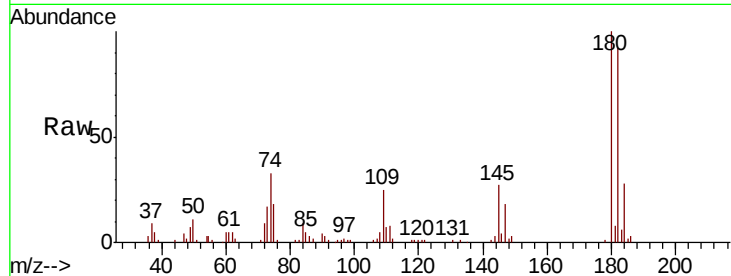




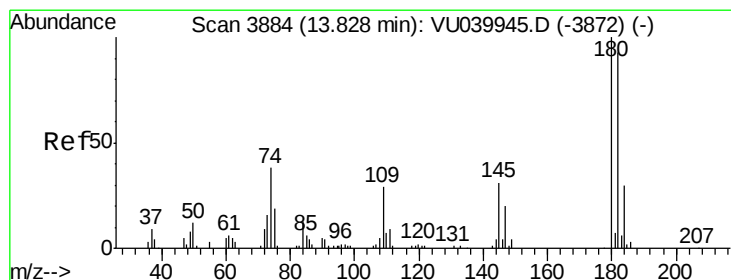
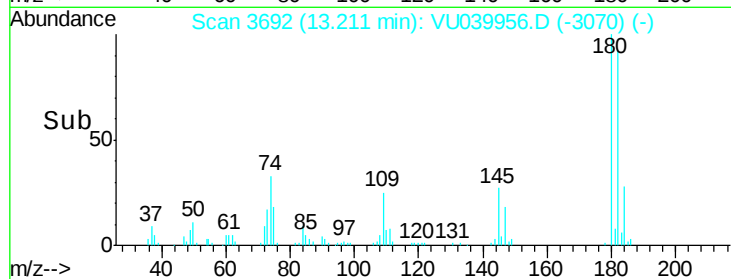
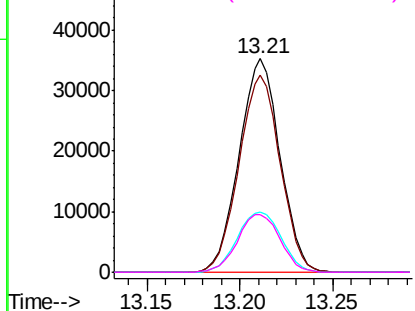
#67  
 1,3,5-Trichlorobenzene  
 Concen: 5.376 ug/L  
 RT: 13.21 min Scan# 3692  
 Delta R.T. 0.00 min  
 Lab File: VU039956.D  
 Acq: 24 Aug 2020 19:00

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD00508

Tot Ion:180 Resp: 53764  
 Ion Ratio Lower Upper  
 180 100  
 182 93.3 79.2 118.8  
 184 30.2 24.6 36.8  
 145 28.1 25.7 38.5

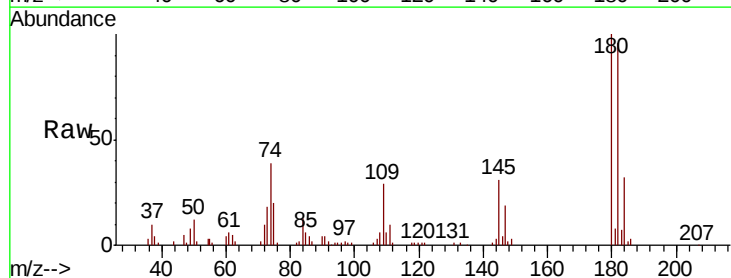


Abundance Ion 180.00 (179.70 to 180.70): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 184.00 (183.70 to 184.70): V  
 Ion 145.00 (144.70 to 145.70): V

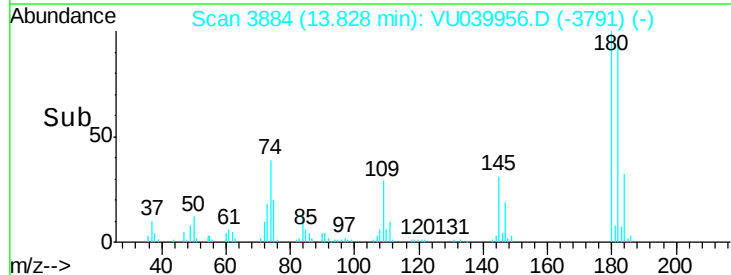
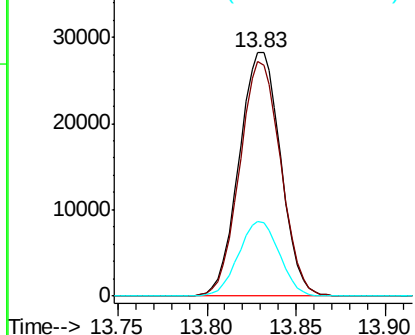


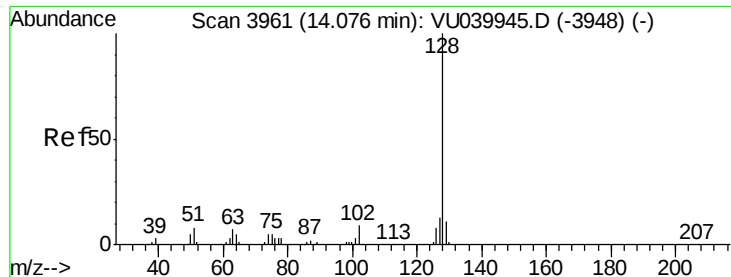
#68  
 1,2,4-trichlorobenzene  
 Concen: 5.385 ug/L  
 RT: 13.83 min Scan# 3884  
 Delta R.T. 0.00 min  
 Lab File: VU039956.D  
 Acq: 24 Aug 2020 19:00

Tgt Ion:180 Resp: 45938  
 Ion Ratio Lower Upper  
 180 100  
 182 95.2 75.2 112.8  
 145 30.2 24.6 36.8



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





#69

Naphthalene

Concen: 4.868 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

Instrument :

MSVOA\_U

ClientSampleId :

VSTD00508

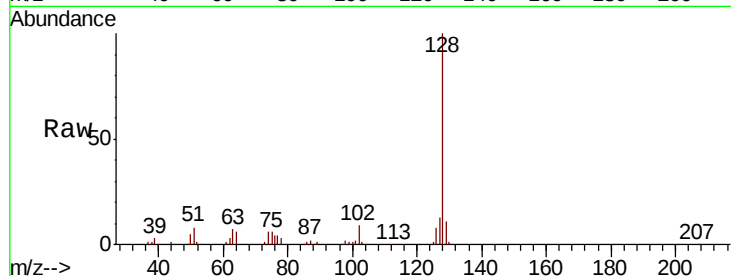
Tot Ion:128 Resp: 76713

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

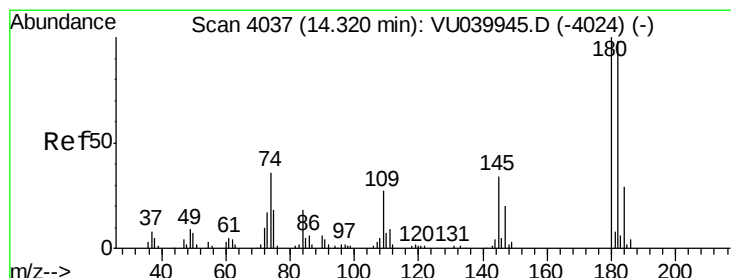
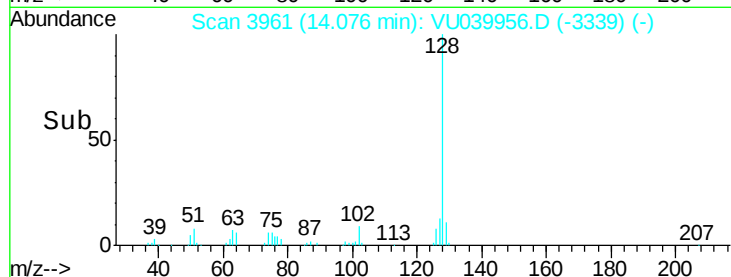
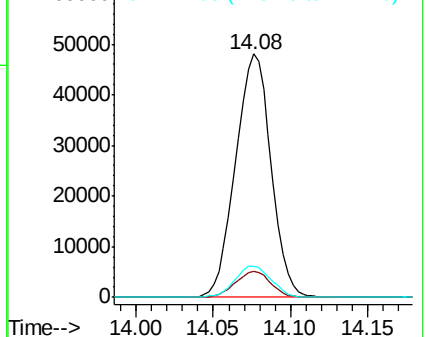
127 13.1 10.2 15.4



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



#70

1,2,3-Trichlorobenzene

Concen: 5.320 ug/L

RT: 14.32 min Scan# 4037

Delta R.T. 0.00 min

Lab File: VU039956.D

Acq: 24 Aug 2020 19:00

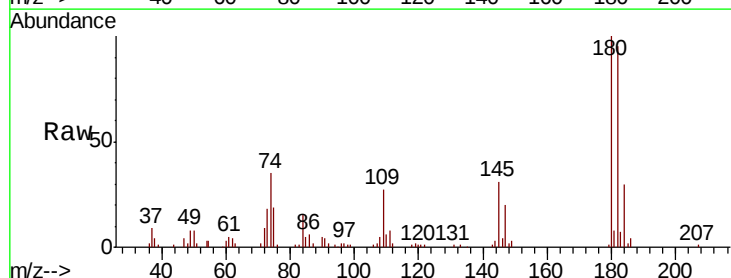
Tgt Ion:180 Resp: 42416

Ion Ratio Lower Upper

180 100

182 96.4 75.0 112.6

145 31.6 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

