

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050420\  
 Data File : VU038004.D  
 Acq On : 04 May 2020 16:23  
 Operator : JC/MD  
 Sample : L2182-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 05 02:15:07 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue May 05 02:05:41 2020  
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
| 1) Fluorobenzene   | 6.15 | 96   | 89298    | 1.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                            |       |     |          |      |        |      |
|----------------------------|-------|-----|----------|------|--------|------|
| 57) 4-Bromofluorobenzene   | 10.65 | 95  | 32360    | 0.93 | ug/l   | 0.00 |
| Spiked Amount 1.000        |       |     | Recovery | =    | 93.00% |      |
| 68) 1,2-Dichlorobenzene-d4 | 12.21 | 152 | 32523    | 0.97 | ug/l   | 0.00 |
| Spiked Amount 1.000        |       |     | Recovery | =    | 97.00% |      |

## Target Compounds

|                               |      |     |       |       | Ovalue    |
|-------------------------------|------|-----|-------|-------|-----------|
| 2) Dichlorodifluoromethane    | 1.40 | 85  | 7748  | 0.256 | ug/l 99   |
| 3) Chloromethane              | 1.54 | 50  | 9414  | 0.262 | ug/l 90   |
| 4) Vinyl Chloride             | 1.62 | 62  | 8960  | 0.251 | ug/l 97   |
| 5) Bromomethane               | 1.87 | 94  | 5508  | 0.257 | ug/l 94   |
| 6) Chloroethane               | 1.95 | 64  | 5644  | 0.264 | ug/l 96   |
| 7) Trichlorofluoromethane     | 2.16 | 101 | 9493  | 0.255 | ug/l 99   |
| 8) 1,1,2-Trichloro-1,2,2-trif | 2.61 | 101 | 5878  | 0.253 | ug/l 95   |
| 9) 1,1-Dichloroethene         | 2.60 | 96  | 6275  | 0.269 | ug/l 93   |
| 10) Iodomethane               | 2.75 | 142 | 2901  | 0.203 | ug/l 94   |
| 11) Allyl Chloride            | 2.95 | 41  | 11057 | 0.256 | ug/l 97   |
| 12) Acrylonitrile             | 3.35 | 53  | 3557  | 0.558 | ug/l # 69 |
| 13) Acetone                   | 2.66 | 43  | 7010  | 1.375 | ug/l 91   |
| 14) Carbon Disulfide          | 2.82 | 76  | 23768 | 0.279 | ug/l # 95 |
| 15) Methylene Chloride        | 3.07 | 84  | 14223 | 0.441 | ug/l 93   |
| 16) trans-1,2-Dichloroethene  | 3.38 | 96  | 6730  | 0.264 | ug/l # 93 |
| 17) 1,1-Dichloroethane        | 3.91 | 63  | 12557 | 0.259 | ug/l 99   |
| 18) 2-Butanone                | 4.76 | 43  | 8883  | 1.162 | ug/l 100  |
| 19) Cyclohexane               | 5.42 | 56  | 11888 | 0.253 | ug/l 98   |
| 20) Methylcyclohexane         | 6.79 | 83  | 11126 | 0.242 | ug/l 96   |
| 21) 2,2-Dichloropropane       | 4.71 | 77  | 11206 | 0.277 | ug/l # 90 |
| 22) cis-1,2-Dichloroethene    | 4.71 | 96  | 6779  | 0.251 | ug/l 88   |
| 23) Diethyl Ether             | 2.40 | 59  | 4919  | 0.240 | ug/l 94   |
| 24) tert-Butyl Alcohol        | 3.23 | 59  | 8629  | 3.801 | ug/l # 94 |
| 25) Methyl tert-Butyl Ether   | 3.41 | 73  | 16120 | 0.252 | ug/l # 59 |
| 26) Bromochloromethane        | 5.01 | 128 | 2647  | 0.244 | ug/l 67   |
| 27) Chloroform                | 5.13 | 83  | 12282 | 0.271 | ug/l 83   |
| 28) 1,1,1-Trichloroethane     | 5.35 | 97  | 9675  | 0.259 | ug/l 98   |
| 29) 1,1-Dichloropropene       | 5.56 | 75  | 10216 | 0.271 | ug/l 98   |
| 30) Carbon Tetrachloride      | 5.56 | 117 | 7809  | 0.249 | ug/l 96   |
| 31) Isopropyl Ether           | 4.05 | 45  | 19467 | 0.244 | ug/l 94   |
| 32) Ethyl-t-butyl ether       | 4.56 | 59  | 17784 | 0.247 | ug/l 98   |
| 33) Tert-Amyl methyl ether    | 5.98 | 73  | 14305 | 0.231 | ug/l 99   |
| 34) Propionitrile             | 4.83 | 54  | 2487  | 1.136 | ug/l # 91 |
| 35) Benzene                   | 5.81 | 78  | 27377 | 0.260 | ug/l 97   |
| 36) 1,2-Dichloroethane        | 5.83 | 62  | 8050  | 0.258 | ug/l 100  |
| 37) Trichloroethene           | 6.57 | 130 | 7792  | 0.282 | ug/l 80   |
| 38) 1,2-Dichloropropane       | 6.82 | 63  | 7209  | 0.254 | ug/l 97   |
| 39) Methacrylonitrile         | 5.02 | 41  | 2269  | 0.221 | ug/l 91   |
| 40) Methyl acrylate           | 4.89 | 55  | 3897  | 0.258 | ug/l # 93 |
| 41) Tetrahydrofuran           | 5.11 | 42  | 3739  | 0.731 | ug/l # 89 |
| 42) 1-Chlorobutane            | 5.49 | 56  | 14141 | 0.261 | ug/l 93   |

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
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 Response via : Initial Calibration

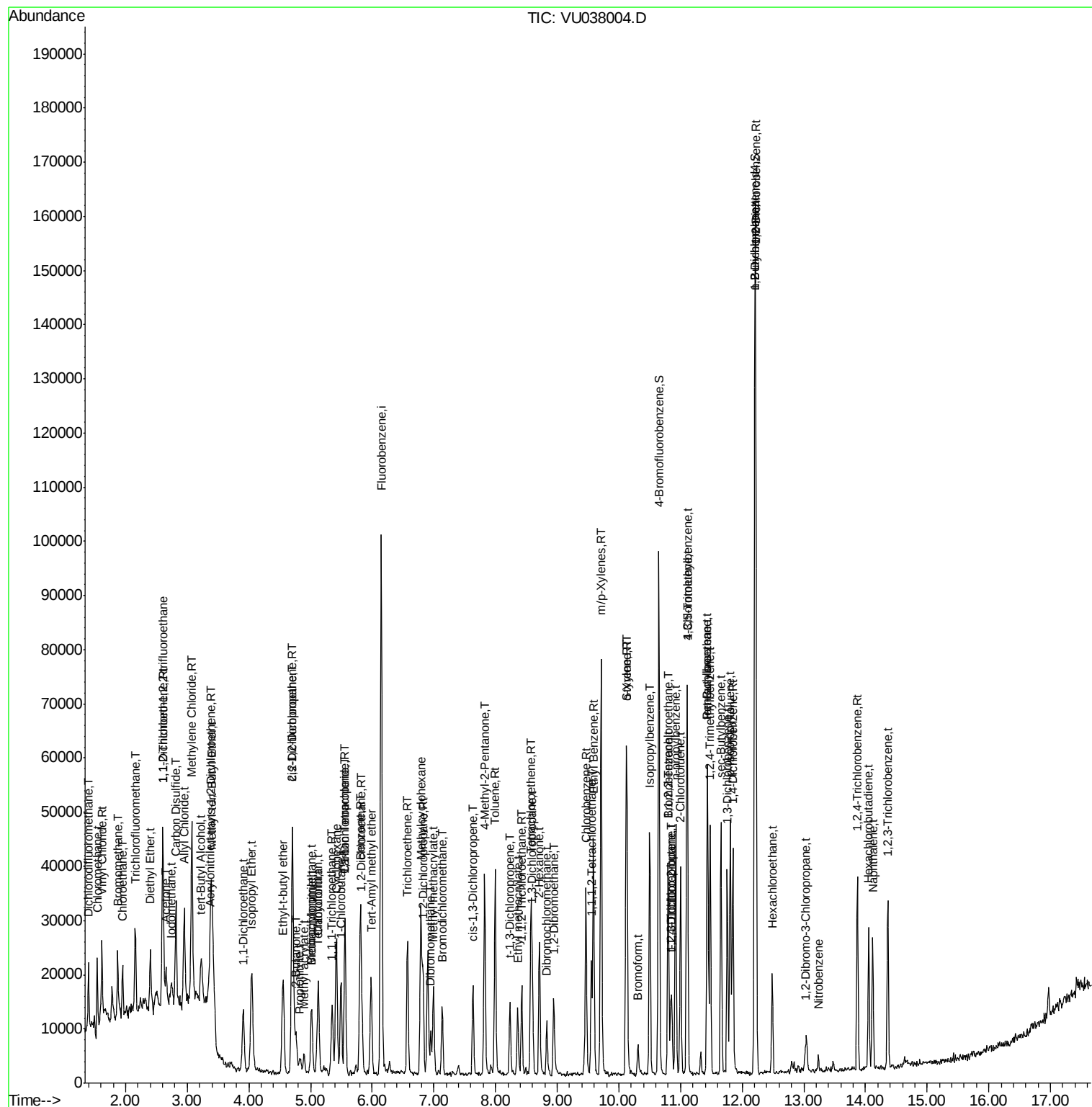
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 43) Dibromomethane             | 6.95  | 93   | 3096     | 0.234 | ug/l   | 96       |
| 44) Bromodichloromethane       | 7.14  | 83   | 8374     | 0.252 | ug/l   | 94       |
| 45) 4-Methyl-2-Pentanone       | 7.82  | 43   | 25371    | 1.410 | ug/l   | 96       |
| 46) t-1,4-Dichloro-2-butene    | 10.84 | 75   | 7355     | 1.321 | ug/l # | 39       |
| 47) Methyl methacrylate        | 6.99  | 69   | 6794     | 0.506 | ug/l   | 97       |
| 48) Ethyl methacrylate         | 8.36  | 69   | 6184     | 0.249 | ug/l   | 94       |
| 49) Toluene                    | 8.00  | 92   | 16401    | 0.246 | ug/l   | 98       |
| 50) t-1,3-Dichloropropene      | 8.23  | 75   | 7282     | 0.215 | ug/l   | 98       |
| 51) cis-1,3-Dichloropropene    | 7.64  | 75   | 9898     | 0.243 | ug/l   | 95       |
| 52) 1,1,2-Trichloroethane      | 8.43  | 97   | 5035     | 0.269 | ug/l # | 87       |
| 53) 1,3-Dichloropropane        | 8.60  | 76   | 8374     | 0.239 | ug/l   | 96       |
| 54) 2-Hexanone                 | 8.71  | 43   | 16710    | 1.315 | ug/l   | 98       |
| 55) Dibromochloromethane       | 8.84  | 129  | 4782     | 0.231 | ug/l   | 89       |
| 56) 1,2-Dibromoethane          | 8.95  | 107  | 4540     | 0.257 | ug/l   | 91       |
| 58) Tetrachloroethene          | 8.57  | 164  | 6933     | 0.269 | ug/l   | 90       |
| 59) Chlorobenzene              | 9.47  | 112  | 18579    | 0.263 | ug/l   | 93       |
| 60) 1,1,1,2-Tetrachloroethane  | 9.56  | 131  | 5254     | 0.245 | ug/l   | 97       |
| 61) Pentachloroethane          | 11.45 | 117  | 3873     | 0.241 | ug/l   | 96       |
| 62) Hexachloroethane           | 12.49 | 117  | 3433     | 0.205 | ug/l   | 97       |
| 63) Ethyl Benzene              | 9.59  | 91   | 30985    | 0.246 | ug/l   | 98       |
| 64) m/p-Xylenes                | 9.71  | 106  | 22761    | 0.470 | ug/l   | 94       |
| 65) o-Xylene                   | 10.12 | 106  | 11028    | 0.234 | ug/l   | 98       |
| 66) Styrene                    | 10.13 | 104  | 18900    | 0.243 | ug/l   | 97       |
| 67) Bromoform                  | 10.31 | 173  | 2355     | 0.216 | ug/l # | 97       |
| 69) Isopropylbenzene           | 10.50 | 105  | 28812    | 0.234 | ug/l   | 100      |
| 70) 1,1,2,2-Tetrachloroethane  | 10.80 | 83   | 5897     | 0.246 | ug/l   | 98       |
| 71) 1,2,3-Trichloropropane     | 10.84 | 75   | 7355     | 0.415 | ug/l   | 77       |
| 72) Bromobenzene               | 10.80 | 156  | 7621     | 0.277 | ug/l   | 89       |
| 73) n-propylbenzene            | 10.92 | 120  | 7885     | 0.233 | ug/l   | 94       |
| 74) 2-Chlorotoluene            | 11.00 | 126  | 6604     | 0.233 | ug/l   | 93       |
| 75) 1,3,5-Trimethylbenzene     | 11.10 | 105  | 23109    | 0.226 | ug/l   | 98       |
| 76) 4-Chlorotoluene            | 11.11 | 126  | 7482     | 0.254 | ug/l   | 96       |
| 77) tert-Butylbenzene          | 11.43 | 119  | 22533    | 0.232 | ug/l   | 97       |
| 78) 1,2,4-Trimethylbenzene     | 11.48 | 105  | 24598    | 0.234 | ug/l   | 95       |
| 79) sec-Butylbenzene           | 11.66 | 105  | 31192    | 0.224 | ug/l   | 99       |
| 80) Nitrobenzene               | 13.23 | 77   | 817      | 1.150 | ug/l # | 84       |
| 81) p-Isopropyltoluene         | 11.81 | 119  | 26110    | 0.233 | ug/l   | 97       |
| 82) 1,3-Dichlorobenzene        | 11.76 | 146  | 14951    | 0.262 | ug/l   | 99       |
| 83) 1,4-Dichlorobenzene        | 11.85 | 146  | 15742    | 0.273 | ug/l   | 98       |
| 84) n-Butylbenzene             | 12.22 | 91   | 25687    | 0.229 | ug/l   | 99       |
| 85) 1,2-Dichlorobenzene        | 12.23 | 146  | 14516    | 0.274 | ug/l   | 97       |
| 86) 1,2-Dibromo-3-Chloropropan | 13.02 | 75   | 916      | 0.243 | ug/l   | 87       |
| 87) 1,2,4-Trichlorobenzene     | 13.87 | 180  | 10021    | 0.258 | ug/l   | 93       |
| 88) Hexachlorobutadiene        | 14.05 | 225  | 4768     | 0.275 | ug/l   | 93       |
| 89) Naphthalene                | 14.12 | 128  | 19063    | 0.256 | ug/l   | 99       |
| 90) 1,2,3-Trichlorobenzene     | 14.36 | 180  | 9703     | 0.281 | ug/l   | 93       |

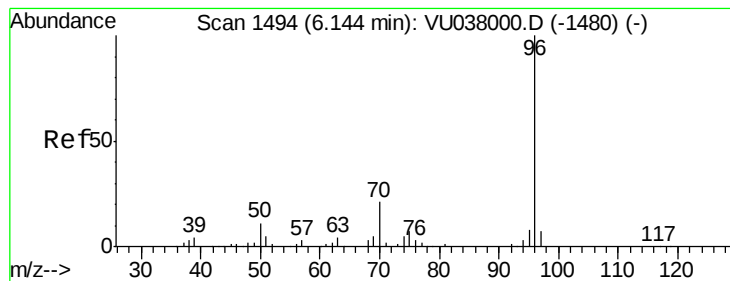
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ALS Vial : 13 Sample Multiplier: 1

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 ClientSampled :

Quant Time: May 05 02:15:07 2020  
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

ClientSampleId :

Tot Ion: 96 Resp: 89298

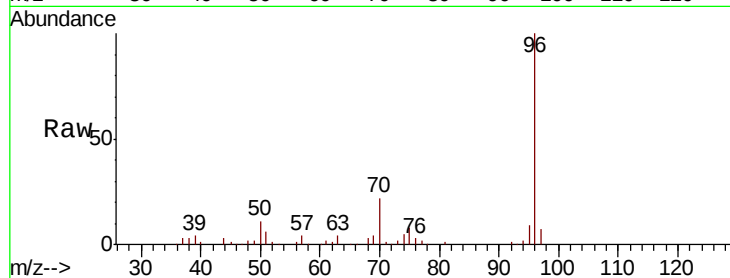
Ion Ratio Lower Upper

96 100

70 20.3 14.4 21.6

95 9.6 7.1 10.7

97 7.4 0.0 0.0#

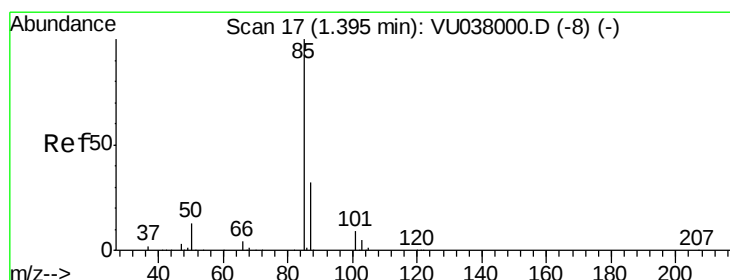
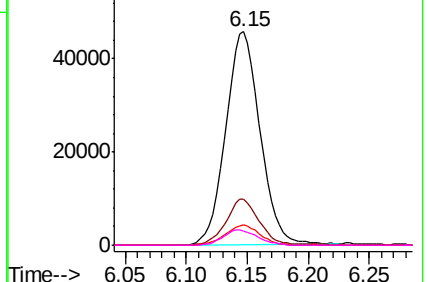
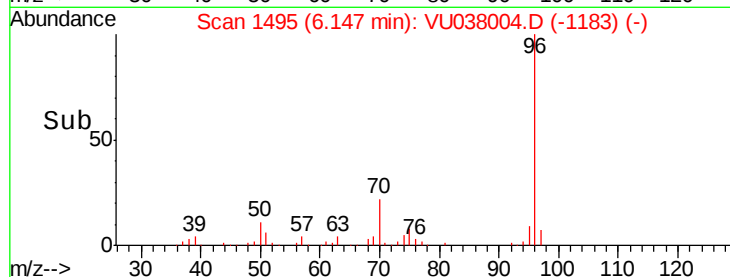


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 0.256 ug/l

RT: 1.40 min Scan# 18

Delta R.T. 0.00 min

Lab File: VU038004.D

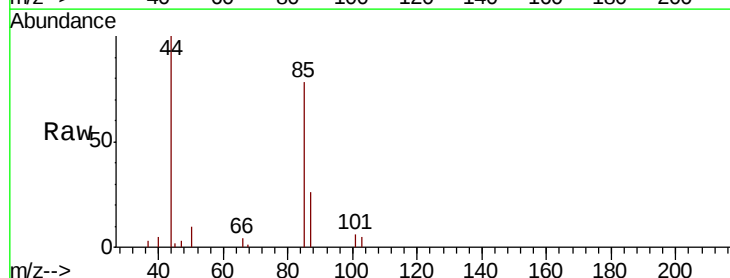
Acq: 04 May 2020 16:23

Tgt Ion: 85 Resp: 7748

Ion Ratio Lower Upper

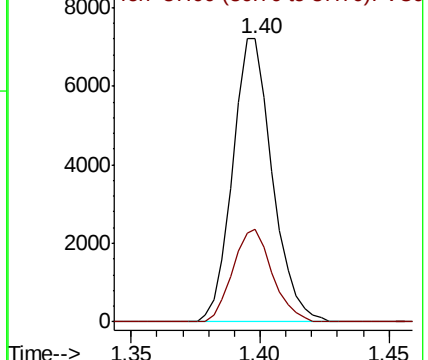
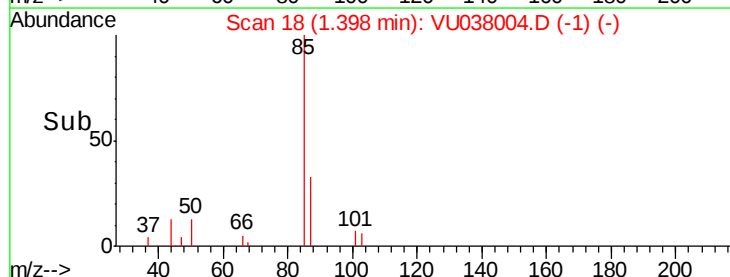
85 100

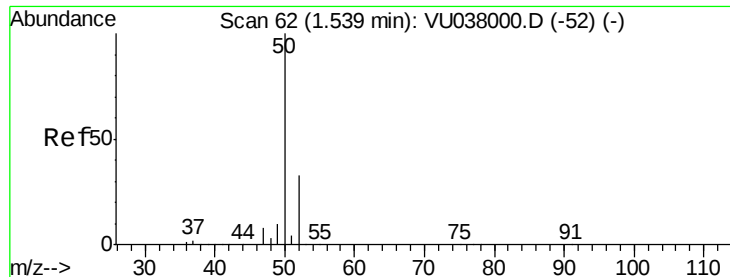
87 32.6 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 0.262 ug/l

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

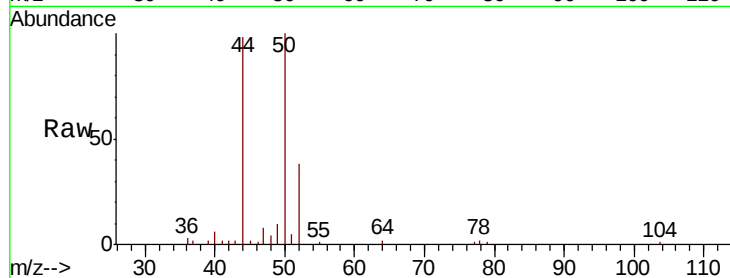
ClientSampled :

Tot Ion: 50 Resp: 9414

Ion Ratio Lower Upper

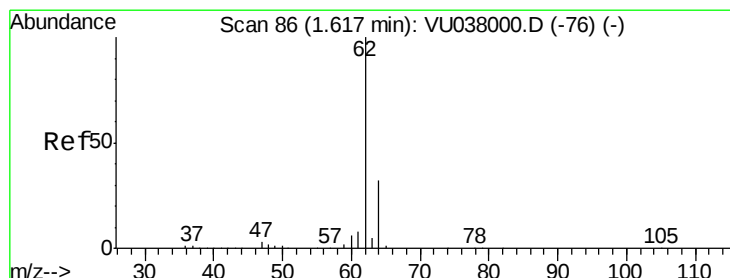
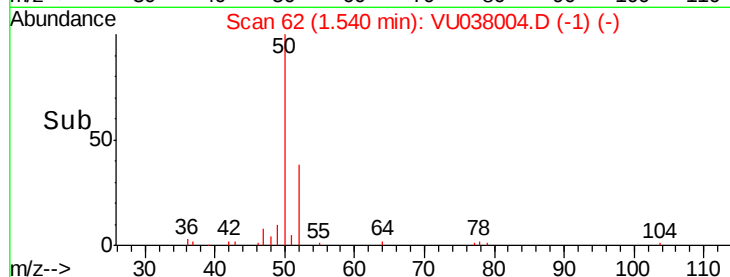
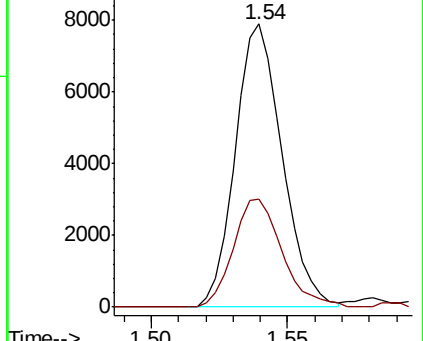
50 100

52 38.3 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VU038000.D (-52) (-)

Ion 52.00 (51.70 to 52.70): VU038000.D (-52) (-)



#4

Vinyl Chloride

Concen: 0.251 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038004.D

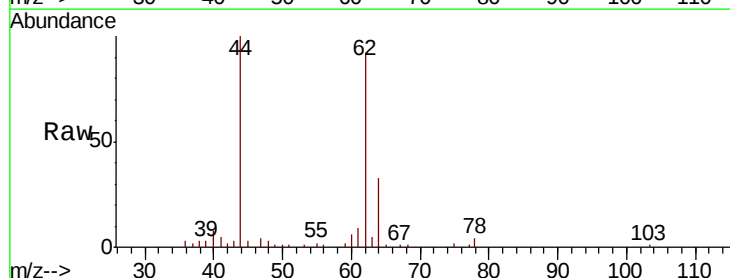
Acq: 04 May 2020 16:23

Tgt Ion: 62 Resp: 8960

Ion Ratio Lower Upper

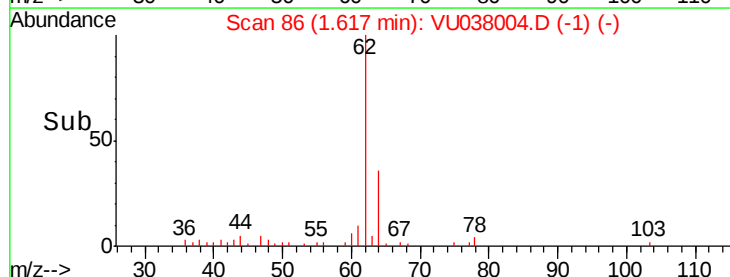
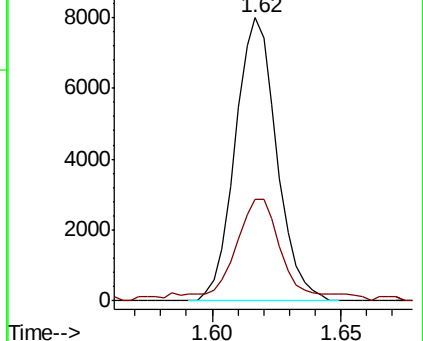
62 100

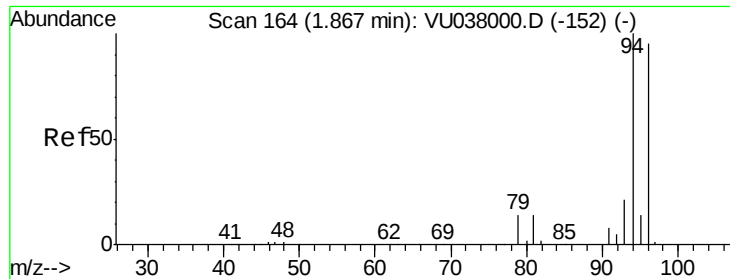
64 33.7 25.7 38.5



Abundance Ion 62.00 (61.70 to 62.70): VU038000.D (-76) (-)

Ion 64.00 (63.70 to 64.70): VU038000.D (-76) (-)





#5

Bromomethane

Concen: 0.257 ug/l

RT: 1.87 min Scan# 165

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

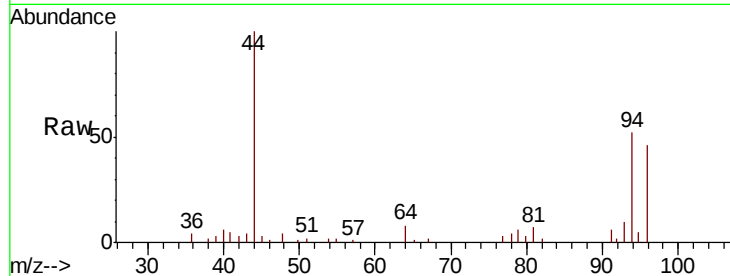
ClientSampleId :

Tot Ion: 94 Resp: 5508

Ion Ratio Lower Upper

94 100

96 88.9 76.1 114.1

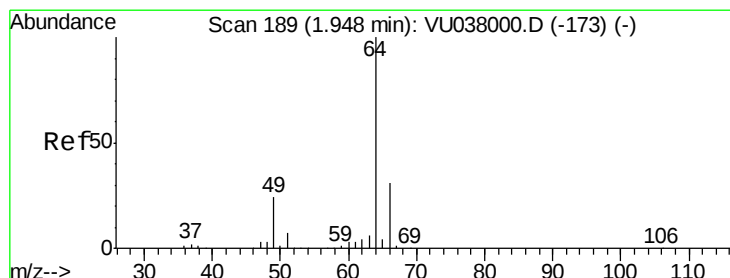
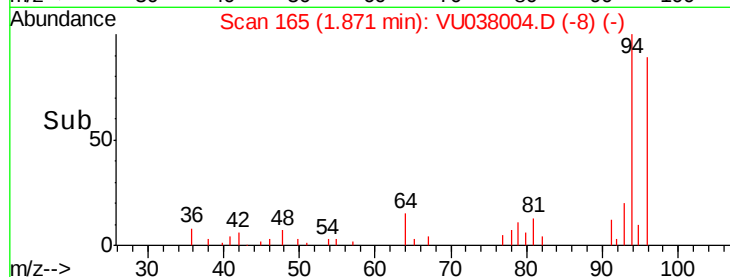


Abundance Ion 94.00 (93.70 to 94.70): VU038004.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU038004.D (-152) (-)

1.87

Time-->



#6

Chloroethane

Concen: 0.264 ug/l

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU038004.D

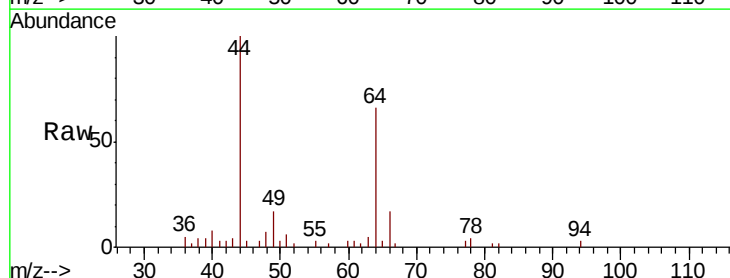
Acq: 04 May 2020 16:23

Tgt Ion: 64 Resp: 5644

Ion Ratio Lower Upper

64 100

66 28.9 24.8 37.2

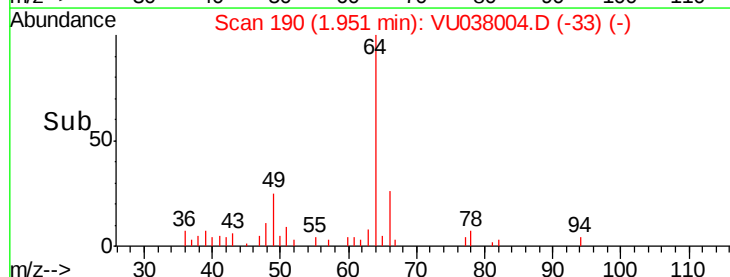


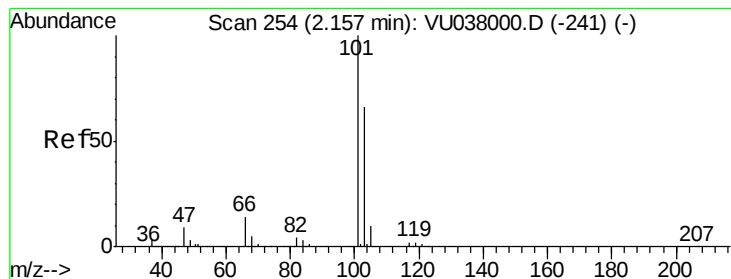
Abundance Ion 64.00 (63.70 to 64.70): VU038004.D (-173) (-)

Ion 66.00 (65.70 to 66.70): VU038004.D (-173) (-)

1.95

Time-->



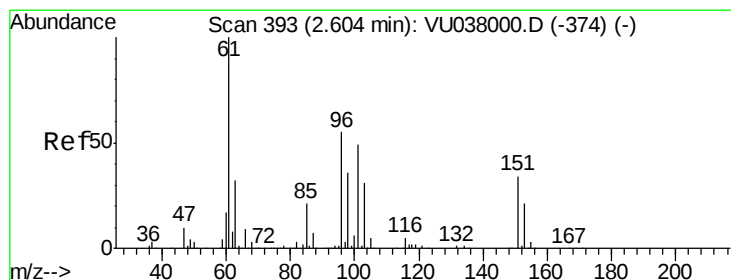
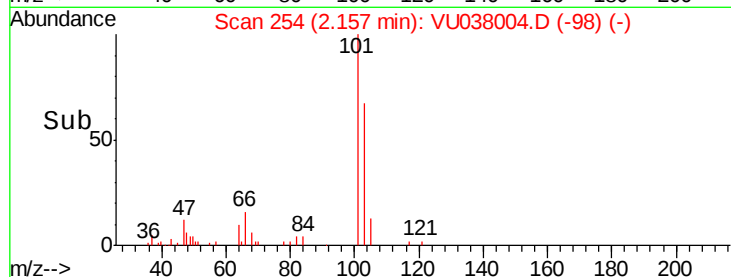
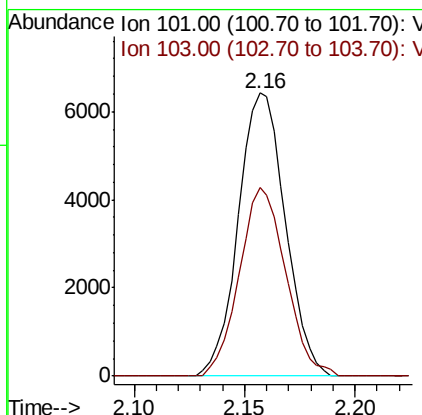
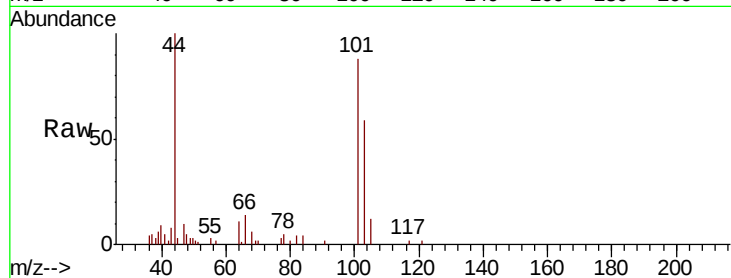


#7

Trichlorofluoromethane  
 Concen: 0.255 ug/l  
 RT: 2.16 min Scan# 254  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

Instrument :  
 MSVOA\_U  
 ClientSampleId :

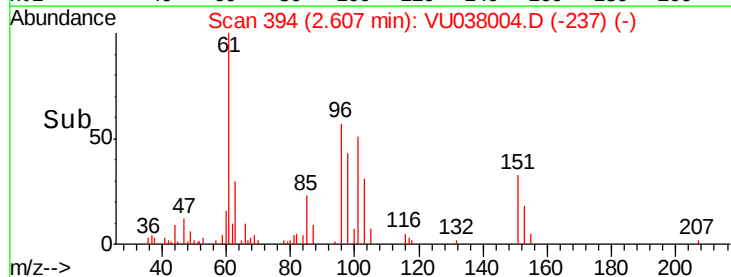
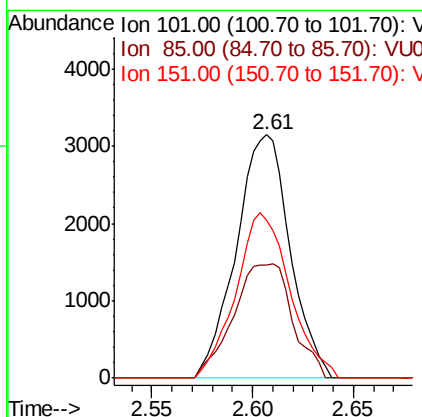
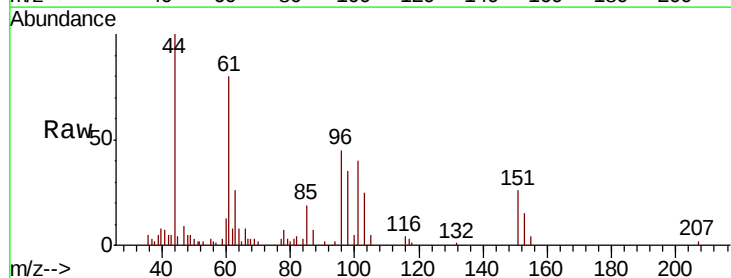
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.7  | 52.6  | 78.8  |

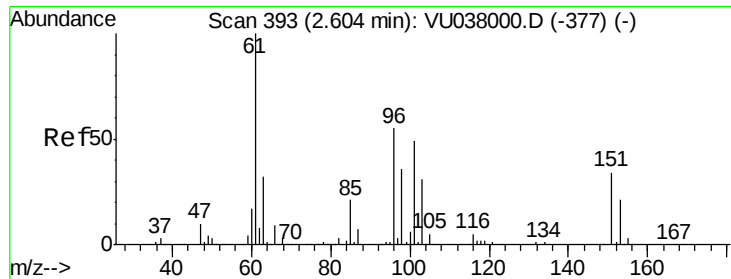


#8

1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.253 ug/l  
 RT: 2.61 min Scan# 394  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 51.3  | 35.5  | 53.3  |
| 151     | 68.3  | 55.2  | 82.8  |

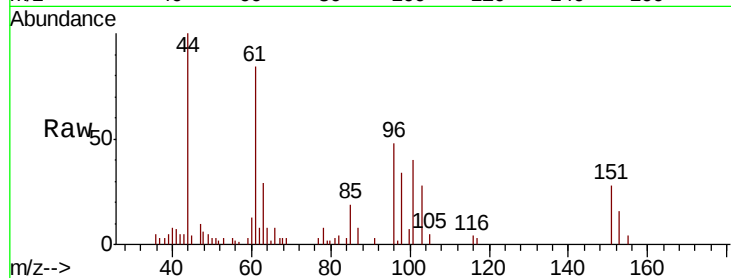




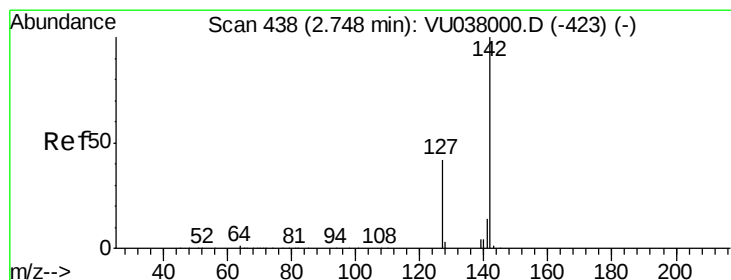
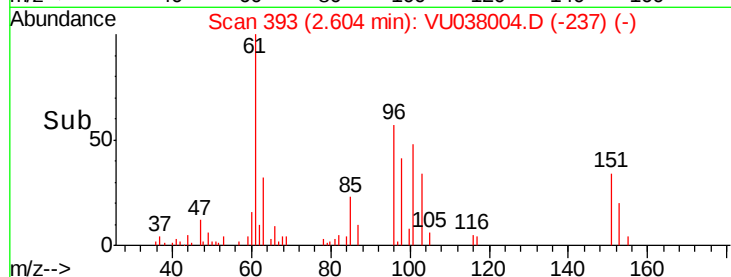
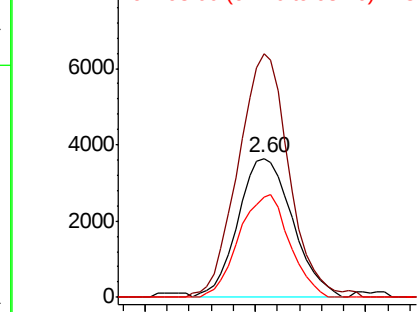
#9  
 1,1-Dichloroethene  
 Concen: 0.269 ug/l  
 RT: 2.60 min Scan# 393  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Tot Ion: 96 Resp: 6275  
 Ion Ratio Lower Upper  
 96 100  
 61 171.5 0.0 543.0  
 98 71.8 0.0 129.4

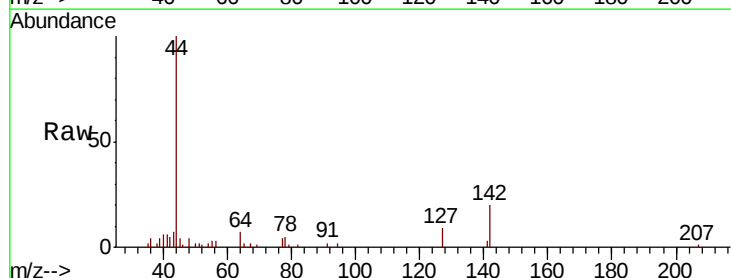


Abundance Ion 96.00 (95.70 to 96.70): VU0  
 Ion 61.00 (60.70 to 61.70): VU0  
 Ion 98.00 (97.70 to 98.70): VU0

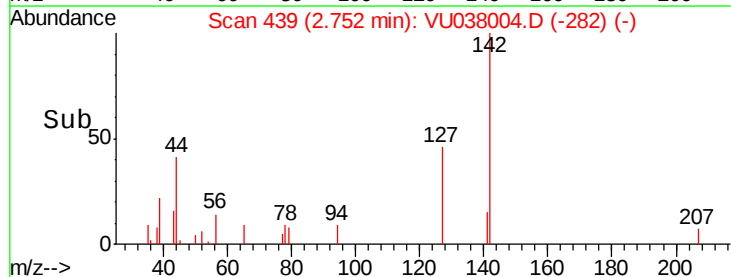
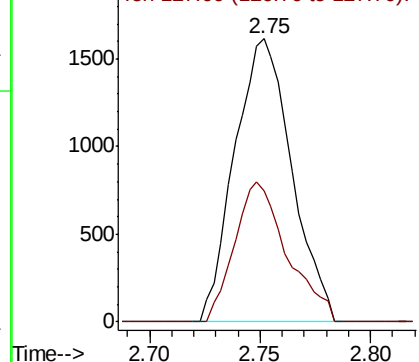


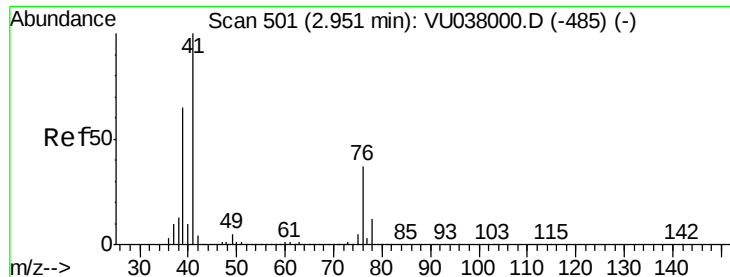
#10  
 Iodomethane  
 Concen: 0.203 ug/l  
 RT: 2.75 min Scan# 439  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

Tgt Ion: 142 Resp: 2901  
 Ion Ratio Lower Upper  
 142 100  
 127 45.5 33.5 50.3



Abundance Ion 142.00 (141.70 to 142.70): V  
 Ion 127.00 (126.70 to 127.70): V

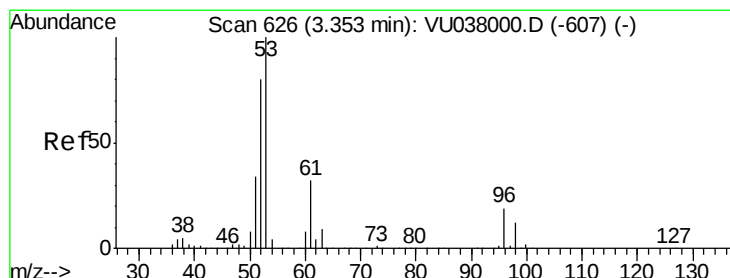
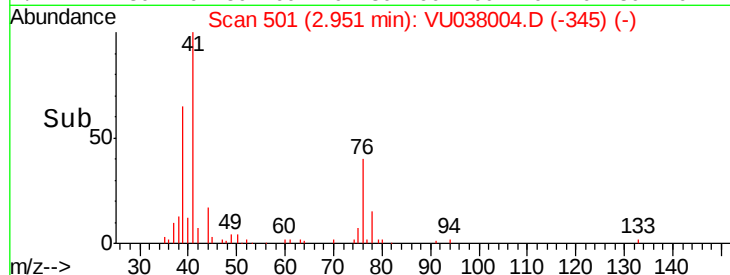
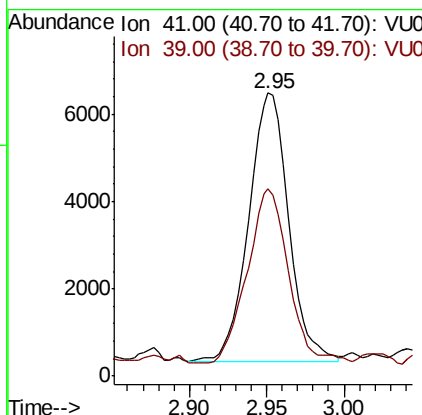
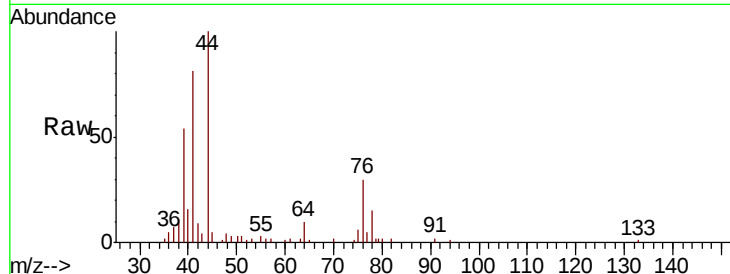




#11  
 Allvl Chloride  
 Concen: 0.256 ug/l  
 RT: 2.95 min Scan# 501  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

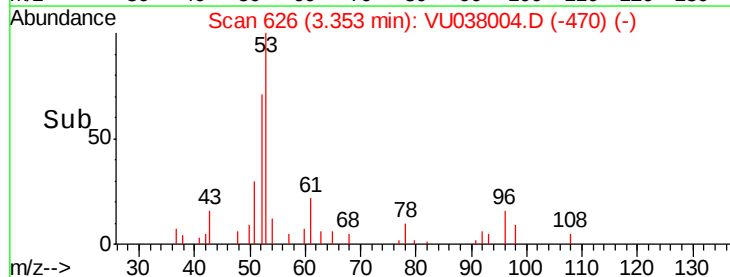
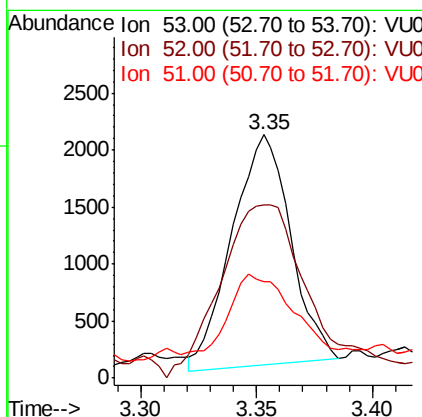
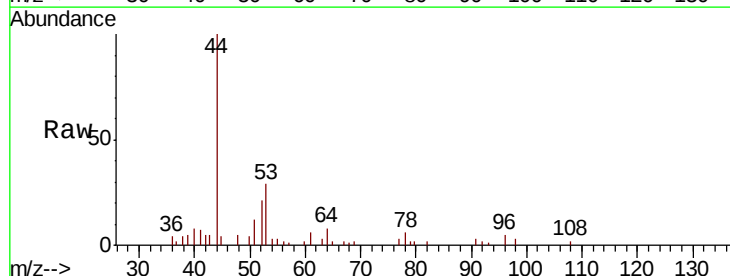
Instrument :  
 MSVOA\_U  
 ClientSampled :

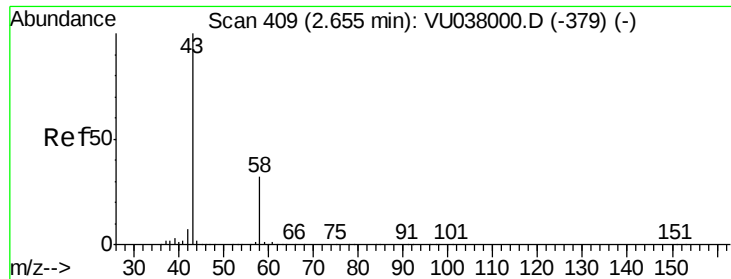
Tot Ion: 41 Resp: 11057  
 Ion Ratio Lower Upper  
 41 100  
 39 67.1 51.7 77.5



#12  
 Acrylonitrile  
 Concen: 0.558 ug/l  
 RT: 3.35 min Scan# 626  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

Tgt Ion: 53 Resp: 3557  
 Ion Ratio Lower Upper  
 53 100  
 52 115.8 63.3 94.9#  
 51 33.6 30.2 45.2





#13

Acetone

Concen: 1.375 ug/l

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

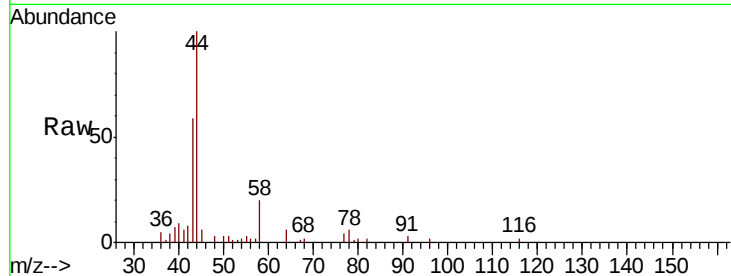
ClientSampled :

Tot Ion: 43 Resp: 7010

Ion Ratio Lower Upper

43 100

58 36.4 25.2 37.8

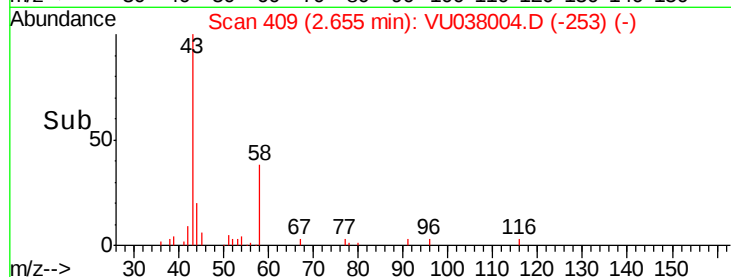


Abundance Ion 43.00 (42.70 to 43.70): VU038000.D (-379) (-)

Ion 58.00 (57.70 to 58.70): VU038000.D (-379) (-)

2.66

Time-->

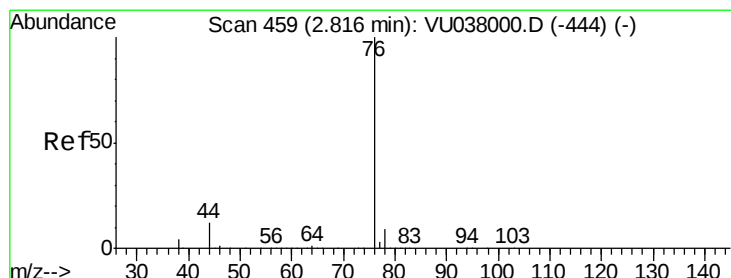


Abundance Ion 76.00 (75.70 to 76.70): VU038000.D (-444) (-)

Ion 78.00 (77.70 to 78.70): VU038000.D (-444) (-)

2.82

Time-->



#14

Carbon Disulfide

Concen: 0.279 ug/l

RT: 2.82 min Scan# 459

Delta R.T. 0.00 min

Lab File: VU038004.D

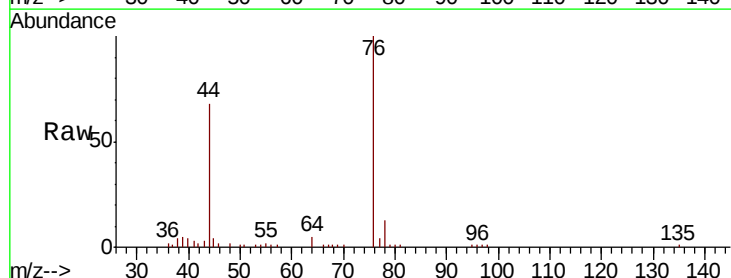
Acq: 04 May 2020 16:23

Tgt Ion: 76 Resp: 23768

Ion Ratio Lower Upper

76 100

78 10.7 7.0 10.6#

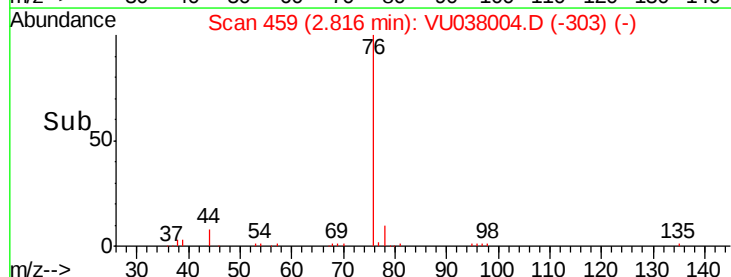


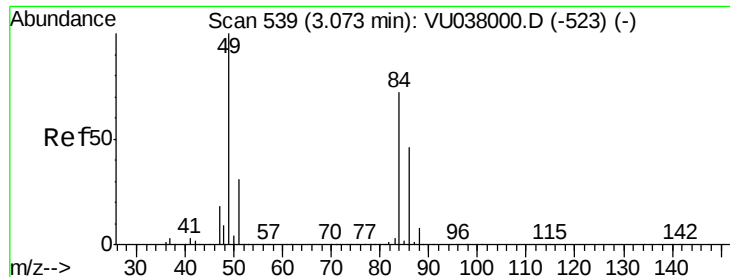
Abundance Ion 76.00 (75.70 to 76.70): VU038000.D (-444) (-)

Ion 78.00 (77.70 to 78.70): VU038000.D (-444) (-)

2.82

Time-->

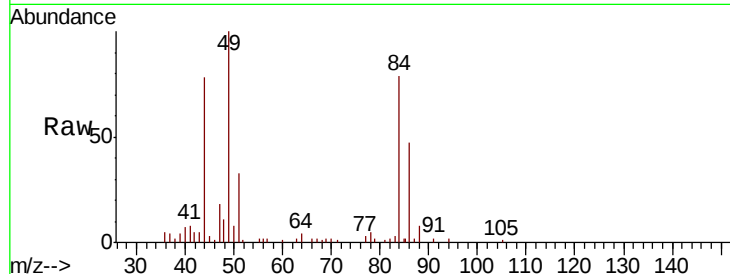




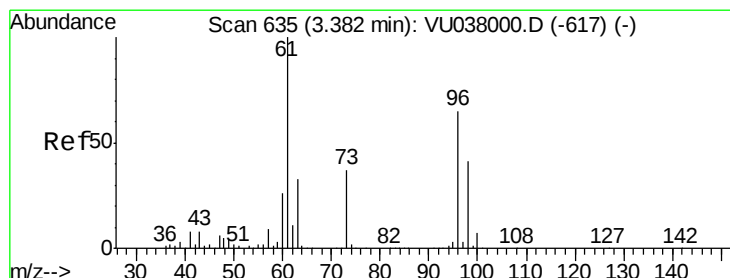
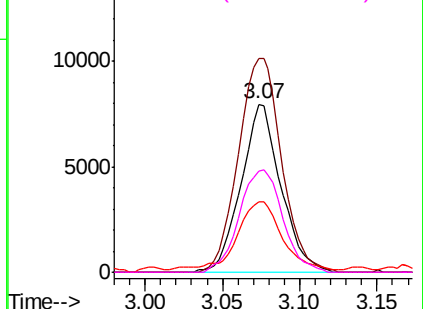
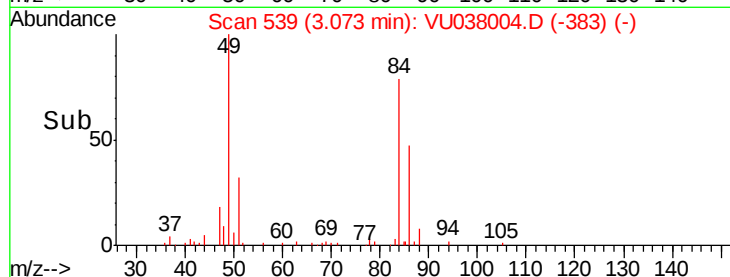
#15  
Methvlene Chloride  
Concen: 0.441 ug/l  
RT: 3.07 min Scan# 539  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 84 Resp: 14223  
Ion Ratio Lower Upper  
84 100  
49 127.3 110.6 166.0  
51 40.5 0.0 85.4  
86 59.9 50.9 76.3

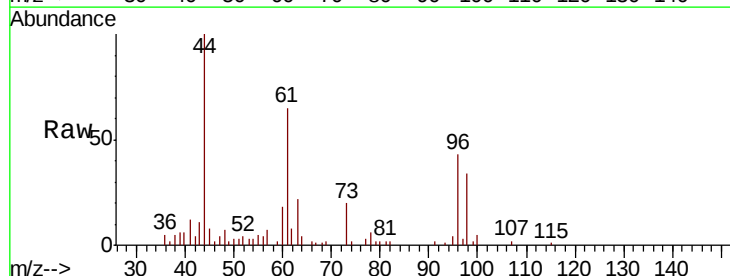


Abundance Ion 84.00 (83.70 to 84.70): VU0  
Ion 49.00 (48.70 to 49.70): VU0  
Ion 51.00 (50.70 to 51.70): VU0  
Ion 86.00 (85.70 to 86.70): VU0

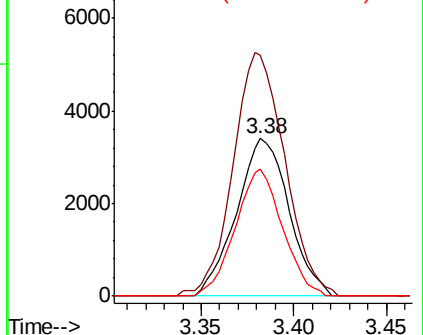
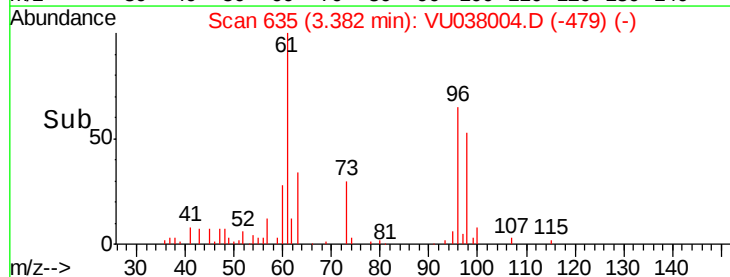


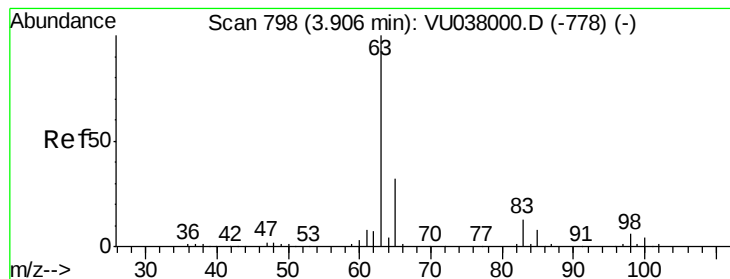
#16  
trans-1,2-Dichloroethene  
Concen: 0.264 ug/l  
RT: 3.38 min Scan# 635  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

Tgt Ion: 96 Resp: 6730  
Ion Ratio Lower Upper  
96 100  
61 153.0 122.4 183.6  
98 80.5 50.1 75.1#



Abundance Ion 96.00 (95.70 to 96.70): VU0  
Ion 61.00 (60.70 to 61.70): VU0  
Ion 98.00 (97.70 to 98.70): VU0





#17

1,1-Dichloroethane

Concen: 0.259 ug/l

RT: 3.91 min Scan# 798

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

ClientSampleId :

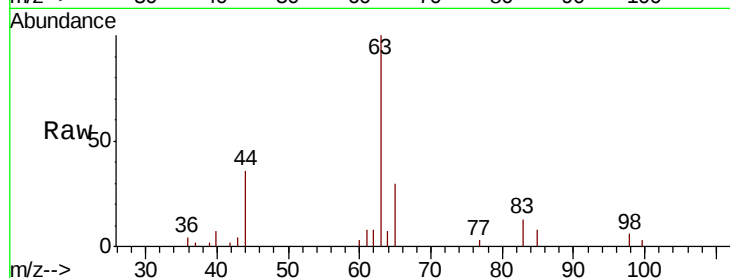
Tot Ion: 63 Resp: 12557

Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.4

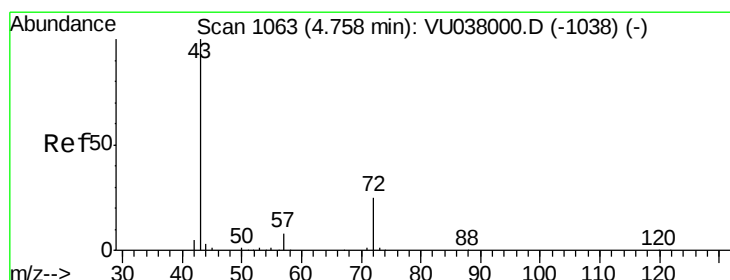
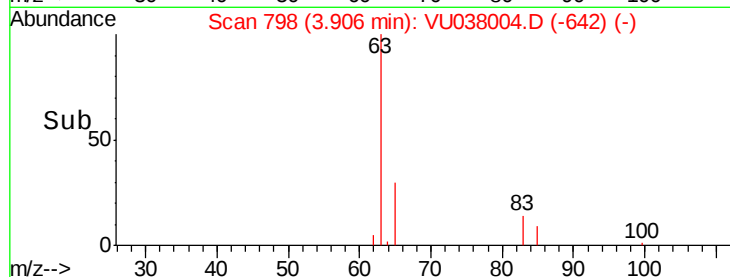
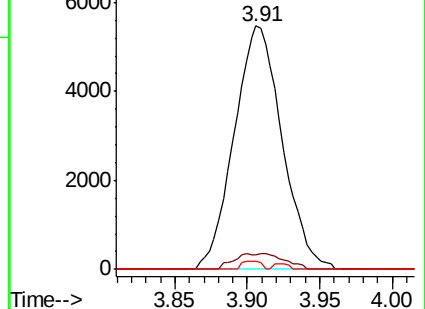
100 3.5 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VU038000.D (-778) (-)

Ion 98.00 (97.70 to 98.70): VU038000.D (-778) (-)

Ion 100.00 (99.70 to 100.70): VU038000.D (-778) (-)



#18

2-Butanone

Concen: 1.162 ug/l

RT: 4.76 min Scan# 1065

Delta R.T. 0.01 min

Lab File: VU038004.D

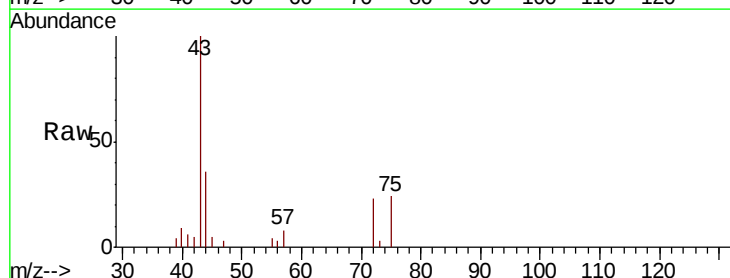
Acq: 04 May 2020 16:23

Tgt Ion: 43 Resp: 8883

Ion Ratio Lower Upper

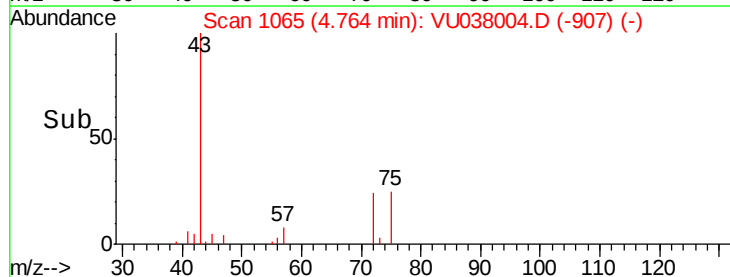
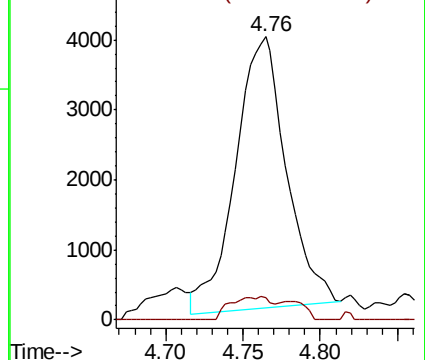
43 100

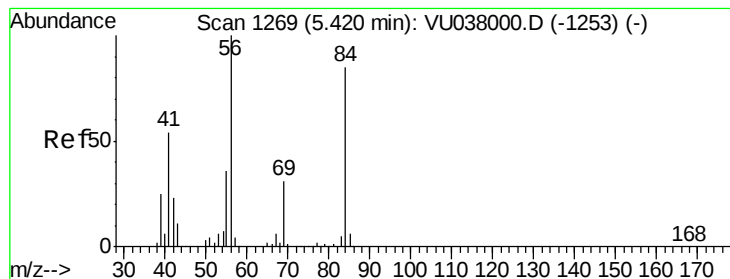
57 8.4 0.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VU038000.D (-1038) (-)

Ion 57.00 (56.70 to 57.70): VU038000.D (-1038) (-)





#19

Cyclohexane

Concen: 0.253 ug/l

RT: 5.42 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

ClientSampleId :

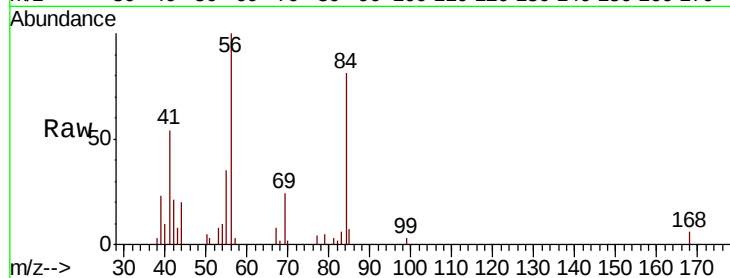
Tot Ion: 56 Resp: 11888

Ion Ratio Lower Upper

56 100

69 29.6 24.3 36.5

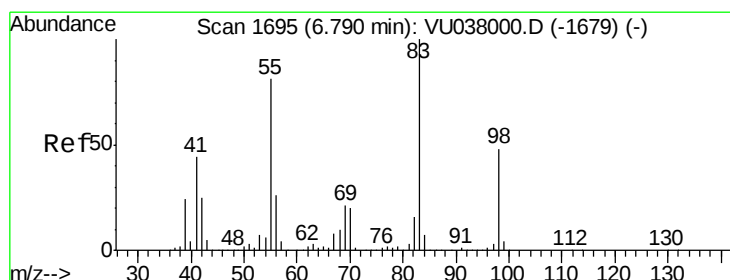
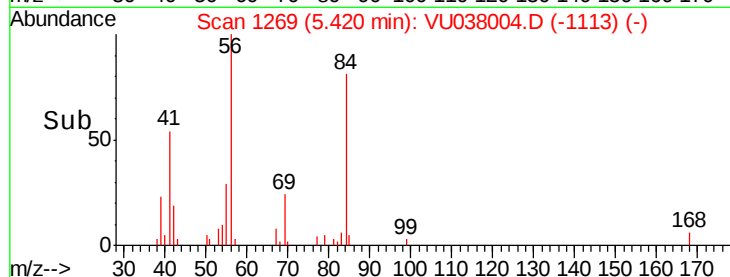
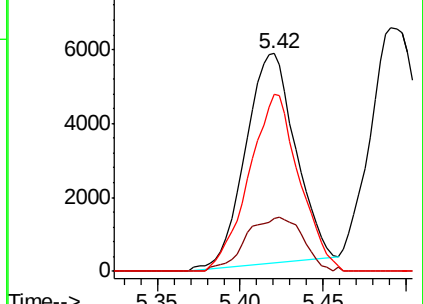
84 84.9 66.3 99.5



Abundance Ion 56.00 (55.70 to 56.70): VU038004.D (-1253) (-)

Ion 69.00 (68.70 to 69.70): VU038004.D (-1253) (-)

Ion 84.00 (83.70 to 84.70): VU038004.D (-1253) (-)



#20

Methylcyclohexane

Concen: 0.242 ug/l

RT: 6.79 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

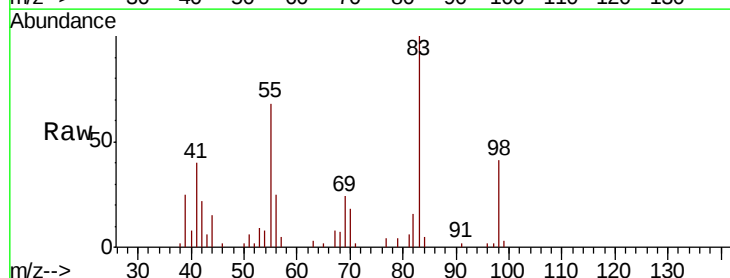
Tgt Ion: 83 Resp: 11126

Ion Ratio Lower Upper

83 100

55 82.7 61.5 92.3

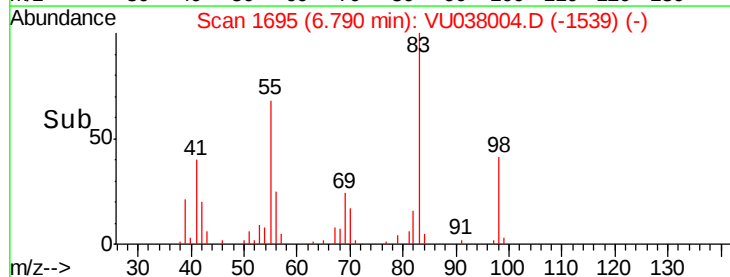
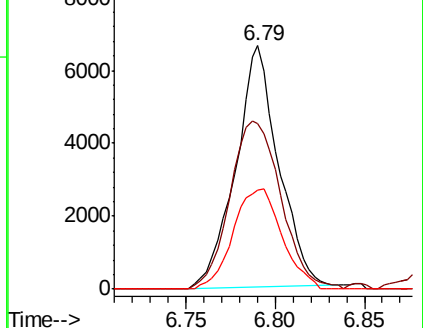
98 47.1 37.3 55.9

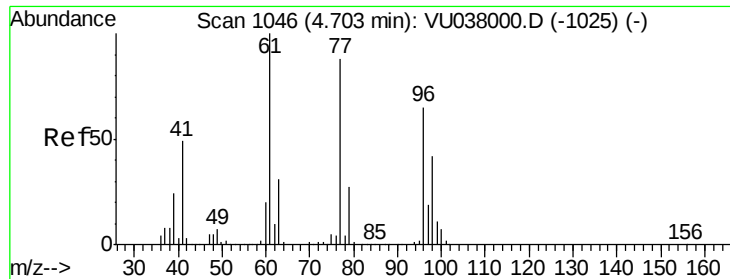


Abundance Ion 83.00 (82.70 to 83.70): VU038004.D (-1679) (-)

Ion 55.00 (54.70 to 55.70): VU038004.D (-1679) (-)

Ion 98.00 (97.70 to 98.70): VU038004.D (-1679) (-)





#21

2,2-Dichloropropane

Concen: 0.277 ug/l

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

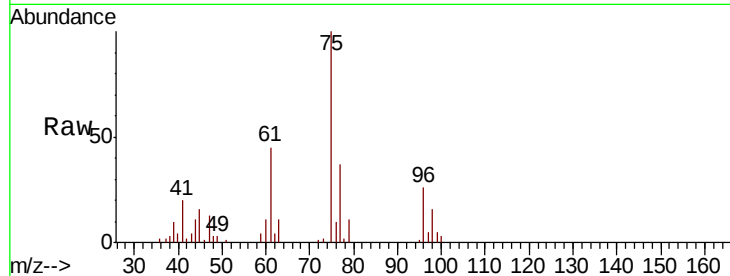
ClientSampled :

Tot Ion: 77 Resp: 11206

Ion Ratio Lower Upper

77 100

97 16.9 17.4 26.2#



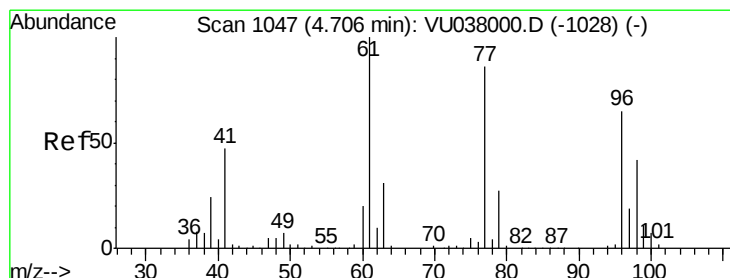
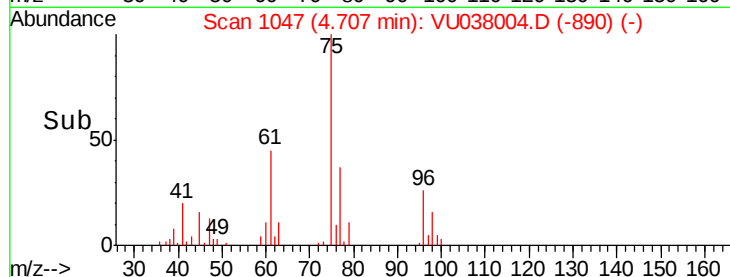
Abundance Ion 77.00 (76.70 to 77.70): VU038004.D (-890) (-)

Ion 97.00 (96.70 to 97.70): VU038004.D (-890) (-)

4.71

4.65 4.70 4.75 4.80

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.251 ug/l

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

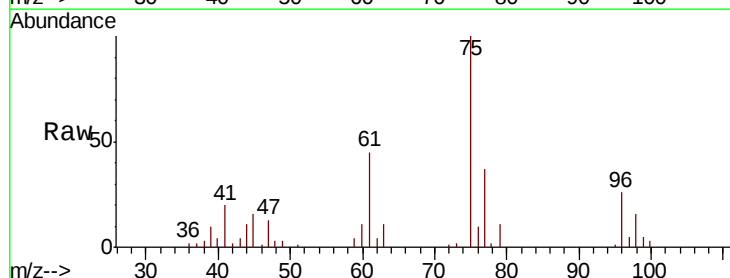
Tgt Ion: 96 Resp: 6779

Ion Ratio Lower Upper

96 100

61 172.1 0.0 389.3

98 71.8 32.1 96.3



Abundance Ion 96.00 (95.70 to 96.70): VU038004.D (-891) (-)

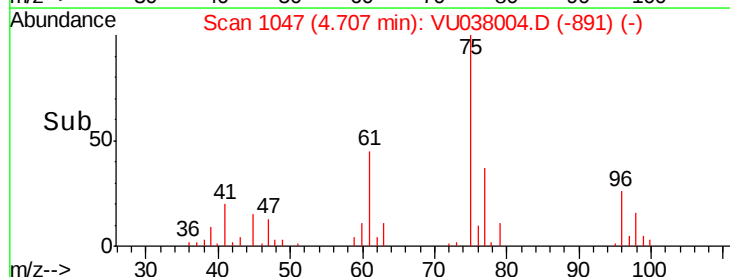
Ion 61.00 (60.70 to 61.70): VU038004.D (-891) (-)

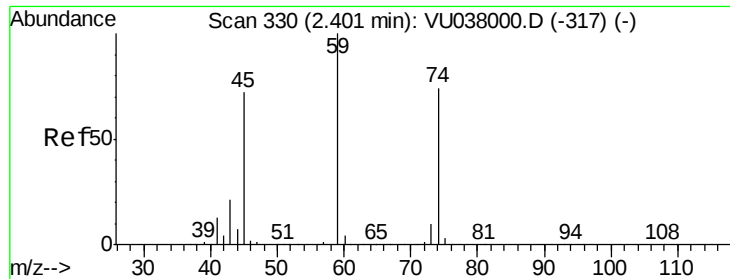
Ion 98.00 (97.70 to 98.70): VU038004.D (-891) (-)

4.71

4.65 4.70 4.75

Time-->

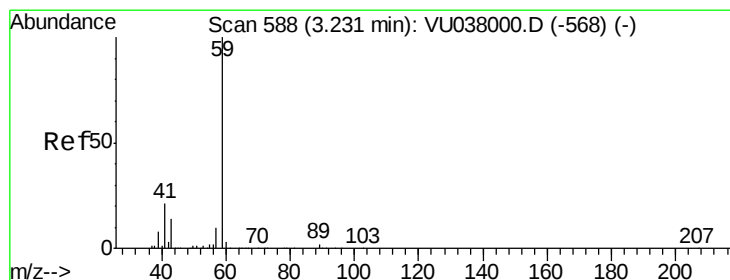
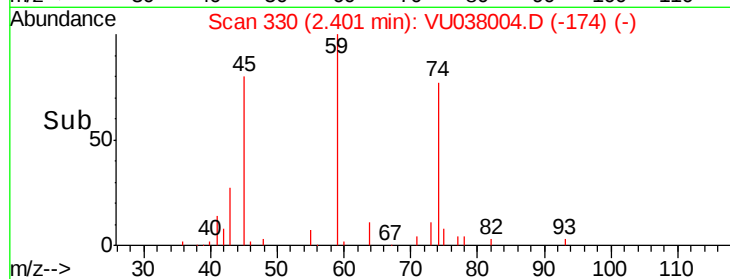
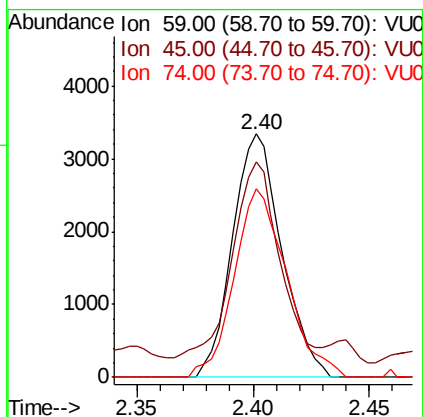
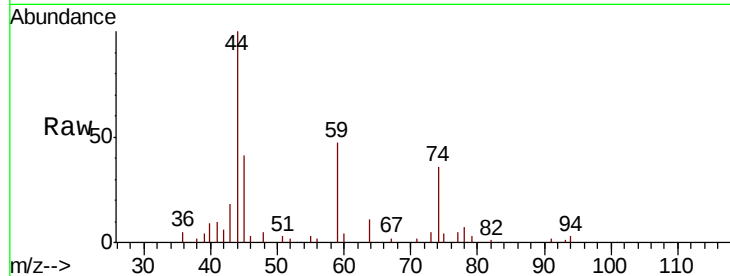




#23  
Diethyl Ether  
Concen: 0.240 ug/l  
RT: 2.40 min Scan# 330  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

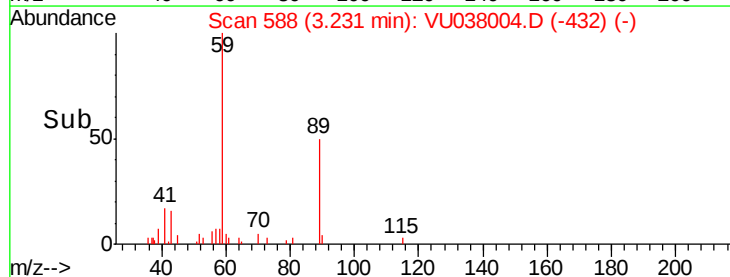
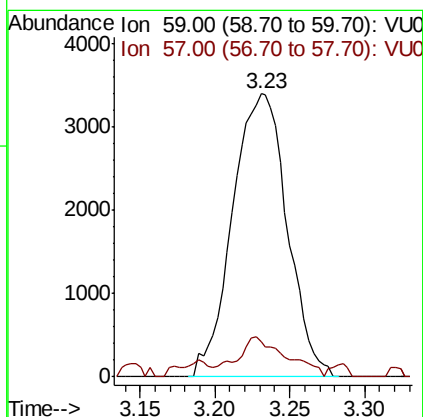
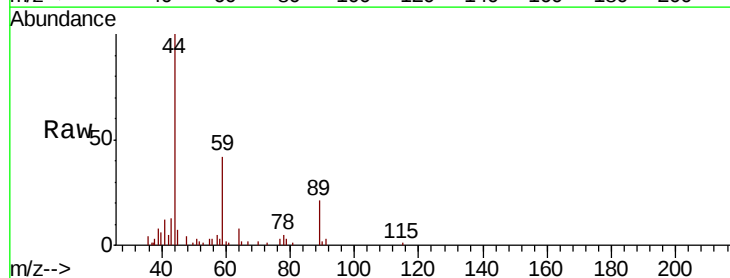
Instrument :  
MSVOA\_U  
ClientSampleId :

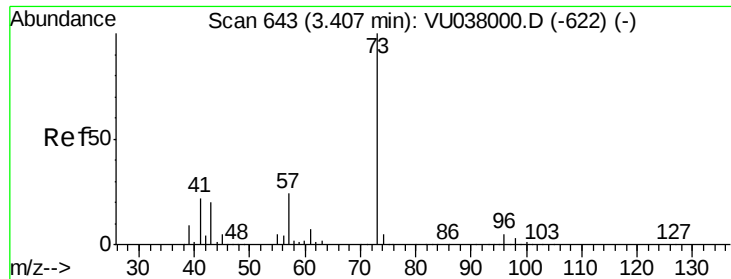
Tot Ion: 59 Resp: 4919  
Ion Ratio Lower Upper  
59 100  
45 74.9 59.8 89.6  
74 82.2 58.2 87.4



#24  
tert-Butyl Alcohol  
Concen: 3.801 ug/l  
RT: 3.23 min Scan# 588  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

Tgt Ion: 59 Resp: 8629  
Ion Ratio Lower Upper  
59 100  
57 12.6 8.2 12.4#

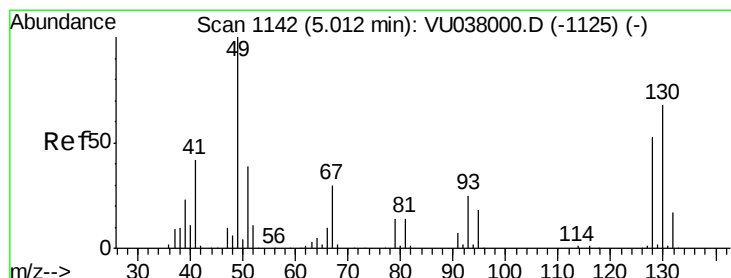
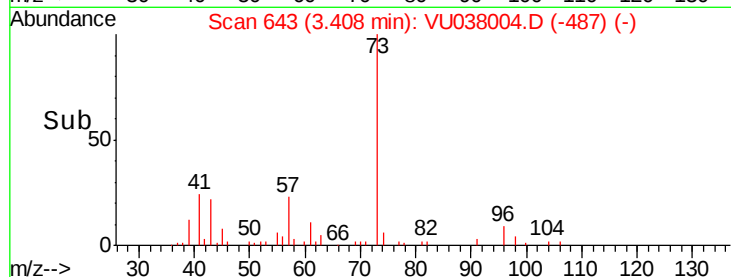
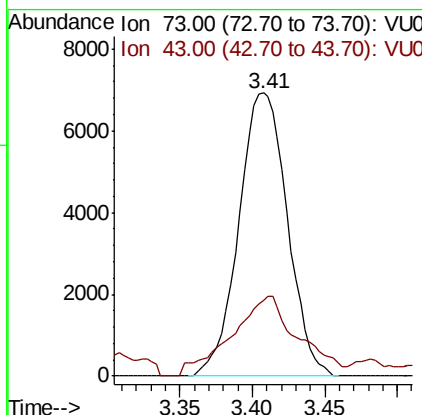
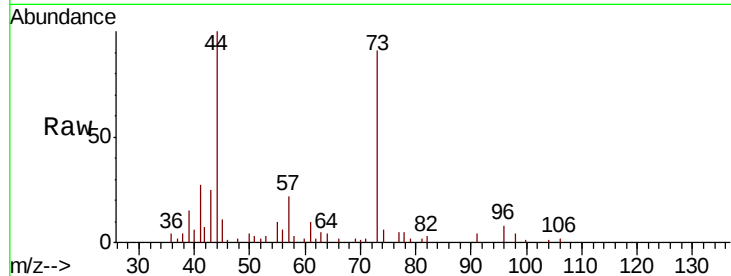




#25  
Methvl tert-Butvl Ether  
Concen: 0.252 ug/l  
RT: 3.41 min Scan# 643  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

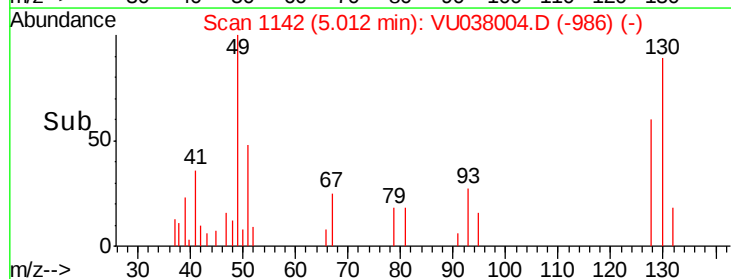
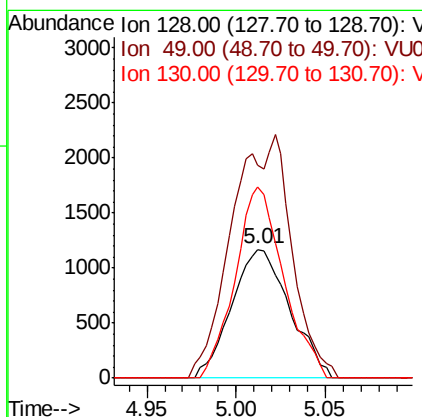
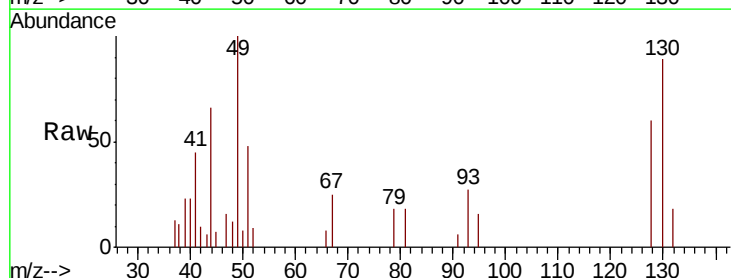
Instrument :  
MSVOA\_U  
ClientSampleId :

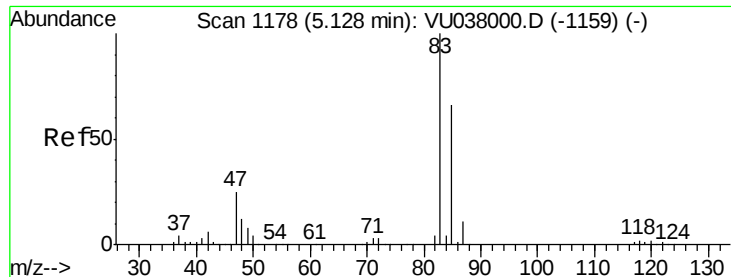
Tot Ion: 73 Resp: 16120  
Ion Ratio Lower Upper  
73 100  
43 39.2 16.2 24.2#



#26  
Bromochloromethane  
Concen: 0.244 ug/l  
RT: 5.01 min Scan# 1142  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

Tgt Ion: 128 Resp: 2647  
Ion Ratio Lower Upper  
128 100  
49 111.0 0.0 376.0  
130 124.3 102.6 153.8

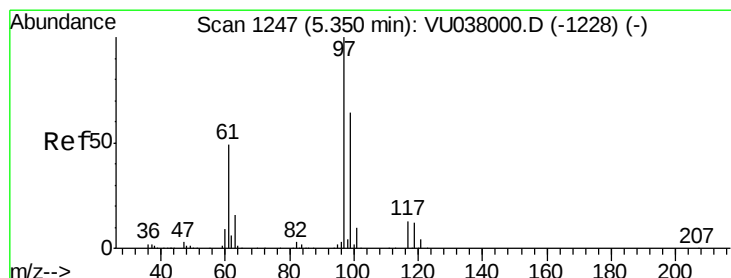
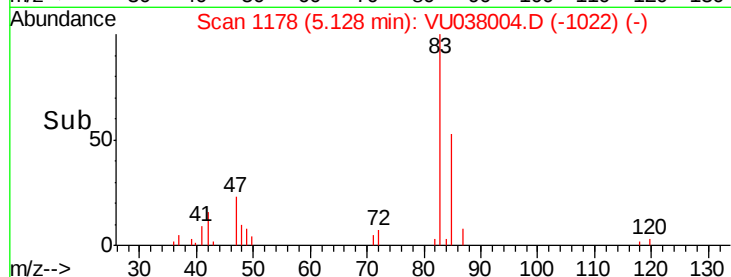
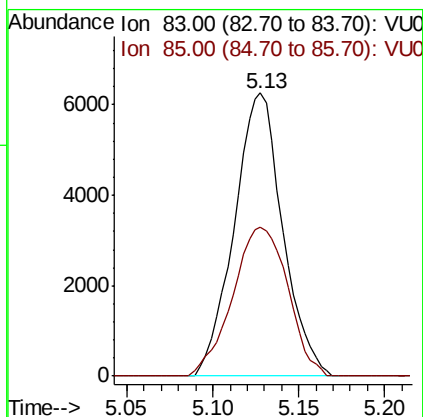
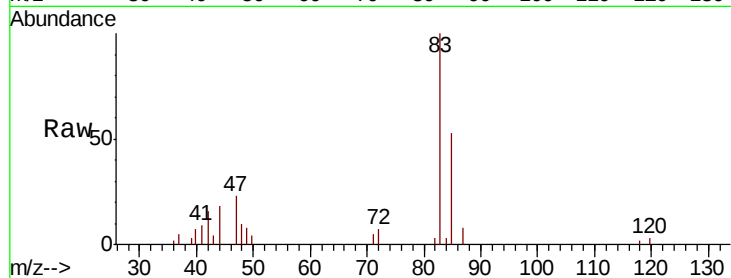




#27  
Chloroform  
Concen: 0.271 ug/l  
RT: 5.13 min Scan# 1178  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

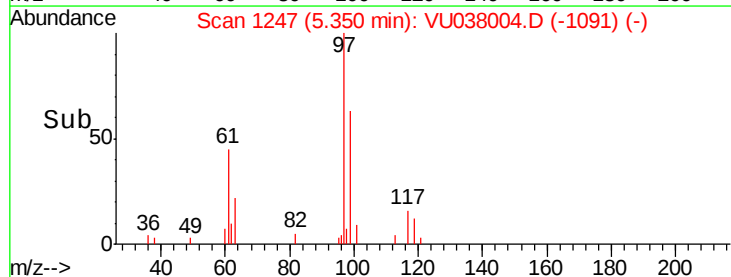
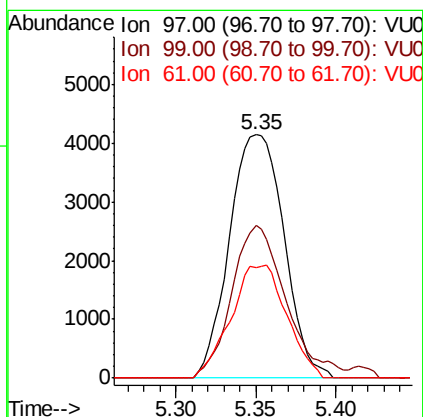
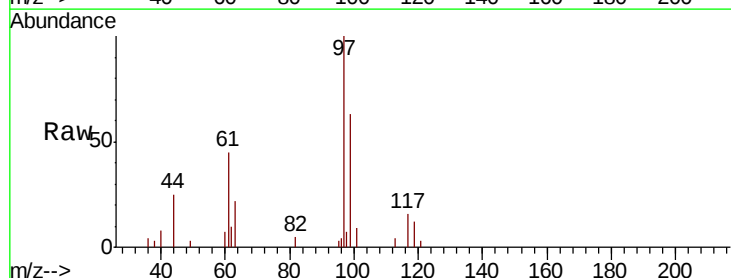
Instrument :  
MSVOA\_U  
ClientSampleId :

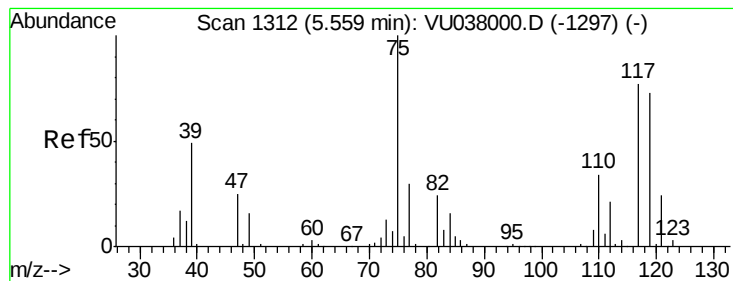
Tot Ion: 83 Resp: 12282  
Ion Ratio Lower Upper  
83 100  
85 52.7 0.0 132.0



#28  
1,1,1-Trichloroethane  
Concen: 0.259 ug/l  
RT: 5.35 min Scan# 1247  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

Tgt Ion: 97 Resp: 9675  
Ion Ratio Lower Upper  
97 100  
99 62.8 31.9 95.9  
61 47.2 24.1 72.4





#29

1,1-Dichloropropene

Concen: 0.271 ug/l

RT: 5.56 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :  
MSVOA\_U  
ClientSampleId :

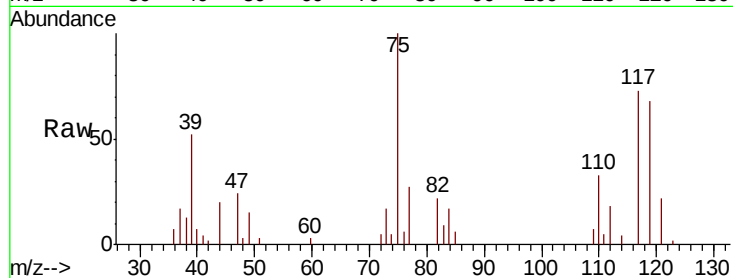
Tot Ion: 75 Resp: 10216

Ion Ratio Lower Upper

75 100

110 31.9 16.7 50.1

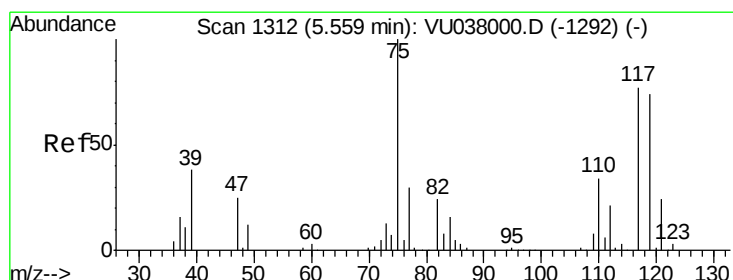
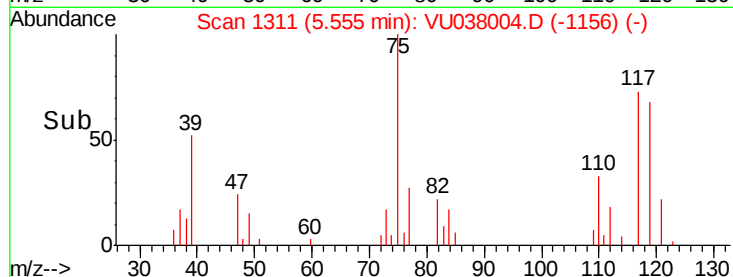
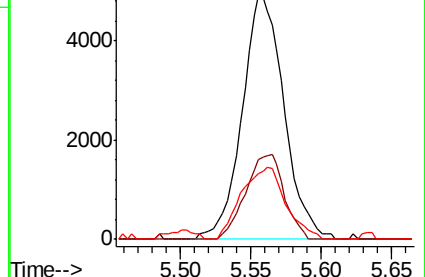
77 31.1 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VU038000.D (-1297) (-)

Ion 110.00 (109.70 to 110.70): VU038000.D (-1297) (-)

Ion 77.00 (76.70 to 77.70): VU038000.D (-1297) (-)



#30

Carbon Tetrachloride

Concen: 0.249 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

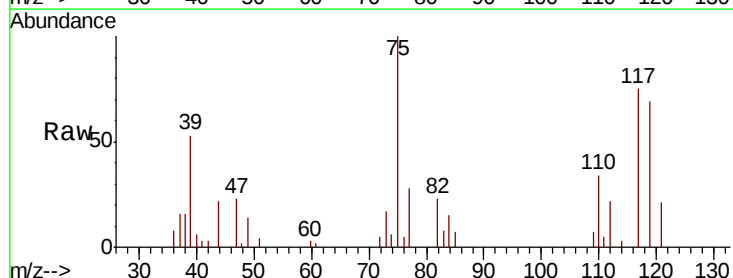
Tgt Ion: 117 Resp: 7809

Ion Ratio Lower Upper

117 100

119 92.4 76.3 114.5

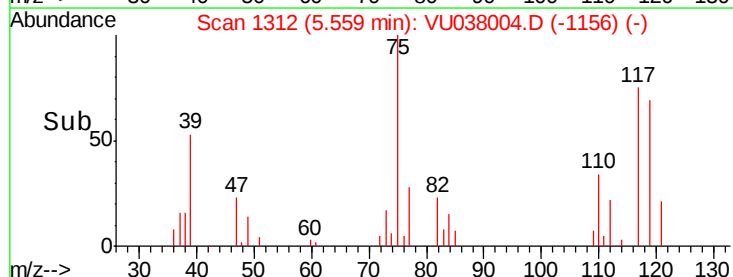
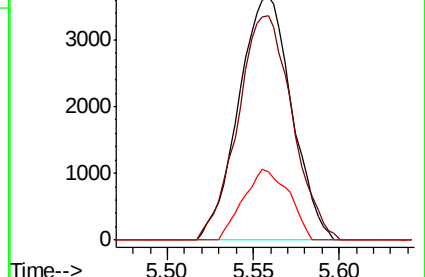
121 28.1 24.7 37.1

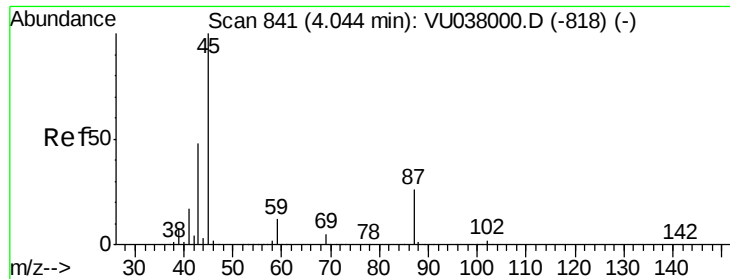


Abundance Ion 117.00 (116.70 to 117.70): VU038000.D (-1292) (-)

Ion 119.00 (118.70 to 119.70): VU038000.D (-1292) (-)

Ion 121.00 (120.70 to 121.70): VU038000.D (-1292) (-)





#31

Isopropyl Ether

Concen: 0.244 ug/l

RT: 4.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

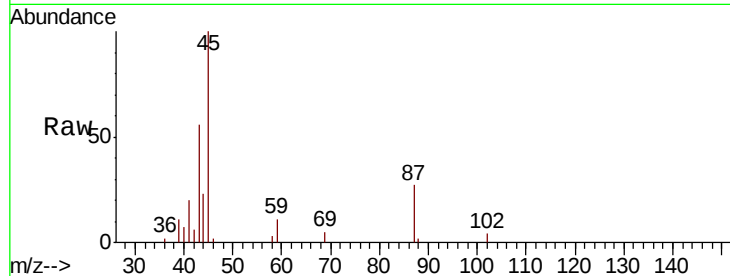
ClientSampleId :

Tot Ion: 45 Resp: 19467

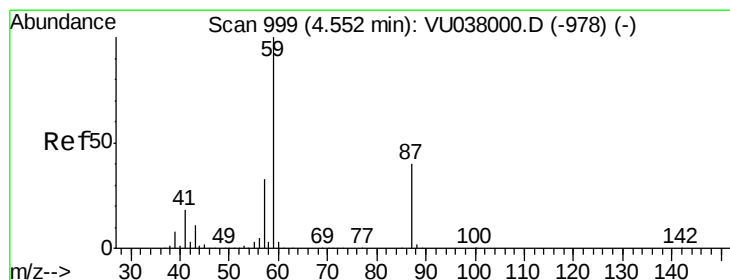
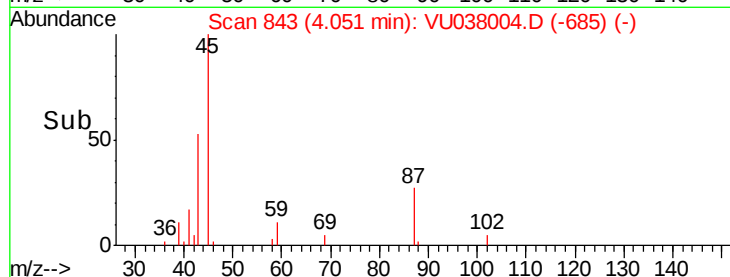
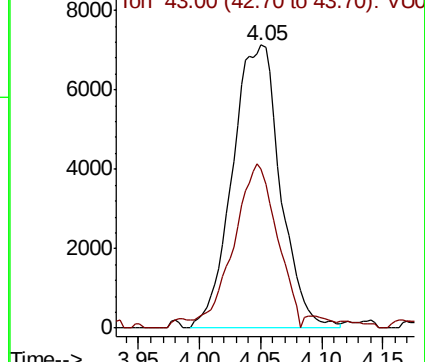
Ion Ratio Lower Upper

45 100

43 52.4 24.2 72.6



Abundance Ion 45.00 (44.70 to 45.70): VU038000.D (-818) (-)



#32

Ethyl-t-butyl ether

Concen: 0.247 ug/l

RT: 4.56 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VU038004.D

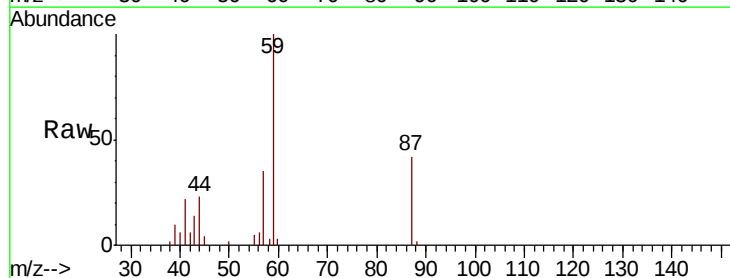
Acq: 04 May 2020 16:23

Tgt Ion: 59 Resp: 17784

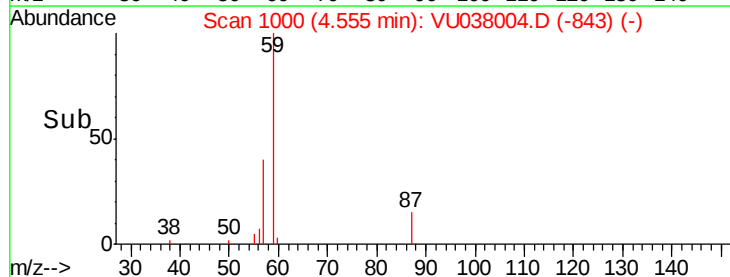
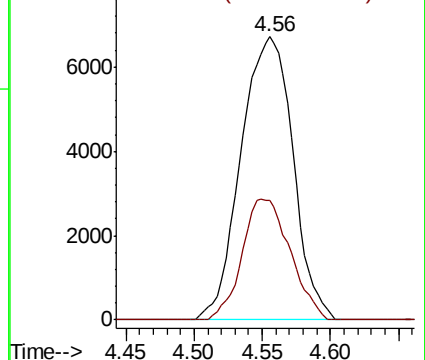
Ion Ratio Lower Upper

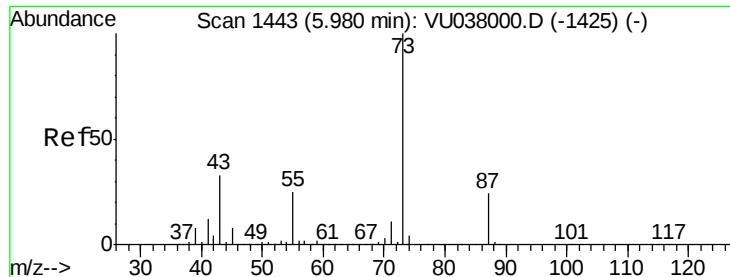
59 100

87 39.3 32.4 48.6



Abundance Ion 59.00 (58.70 to 59.70): VU038000.D (-978) (-)

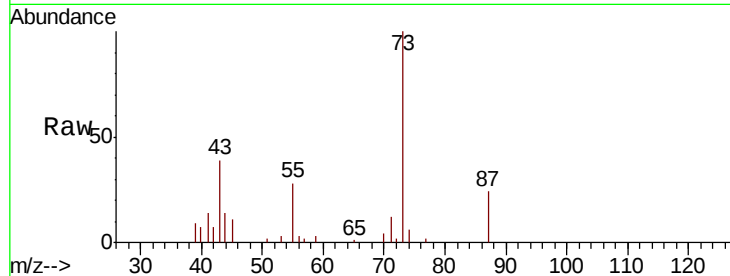




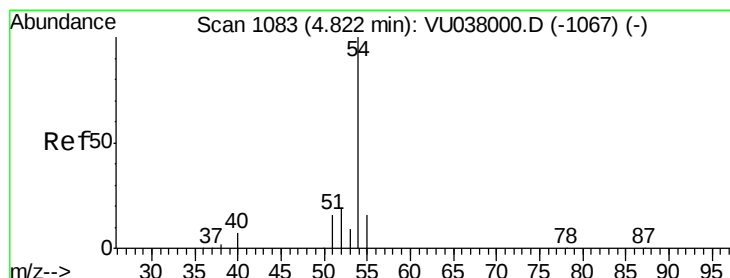
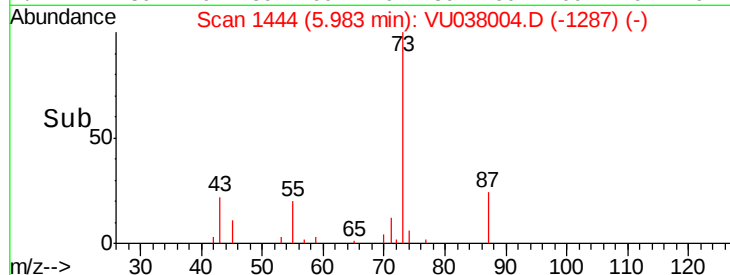
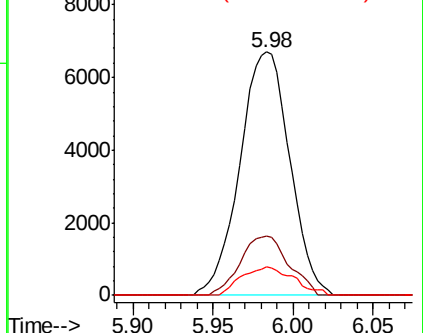
#33  
Tert-Butyl methyl ether  
Concen: 0.231 ug/l  
RT: 5.98 min Scan# 1444  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 73 Resp: 14305  
Ion Ratio Lower Upper  
73 100  
87 23.5 18.9 28.3  
71 12.2 9.1 13.7

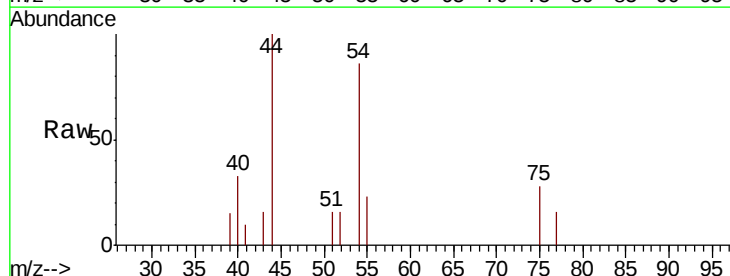


Abundance Ion 73.00 (72.70 to 73.70): VU0  
Ion 87.00 (86.70 to 87.70): VU0  
Ion 71.00 (70.70 to 71.70): VU0

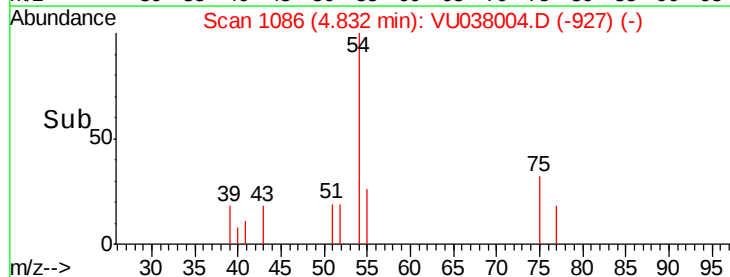
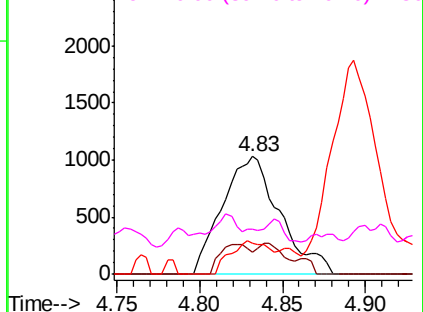


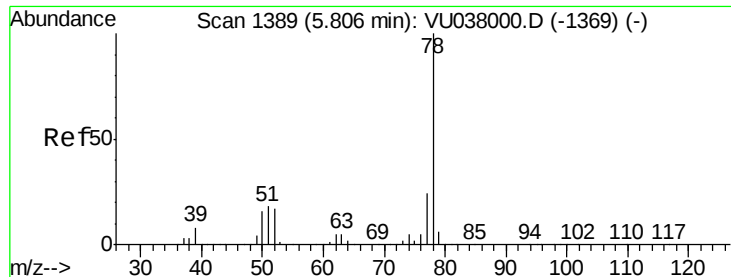
#34  
Propionitrile  
Concen: 1.136 ug/l  
RT: 4.83 min Scan# 1086  
Delta R.T. 0.01 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

Tgt Ion: 54 Resp: 2487  
Ion Ratio Lower Upper  
54 100  
52 13.5 15.8 23.8#  
55 18.9 13.2 19.8  
40 5.0 5.2 7.8#



Abundance Ion 54.00 (53.70 to 54.70): VU0  
Ion 52.00 (51.70 to 52.70): VU0  
Ion 55.00 (54.70 to 55.70): VU0  
Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 0.260 ug/l

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

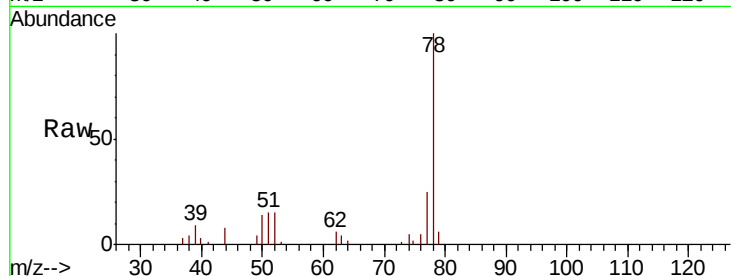
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 78 Resp: 27377

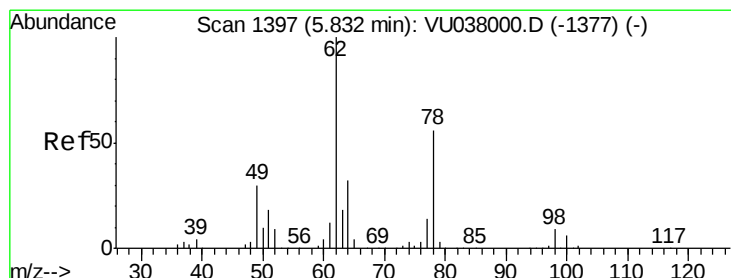
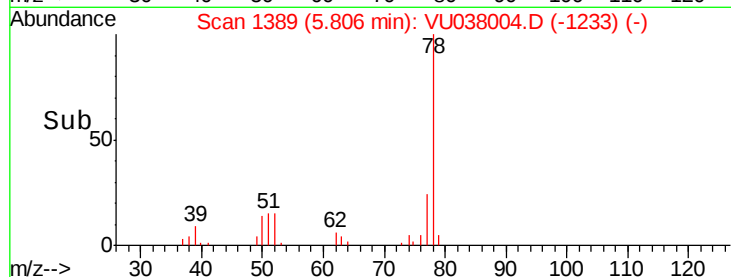
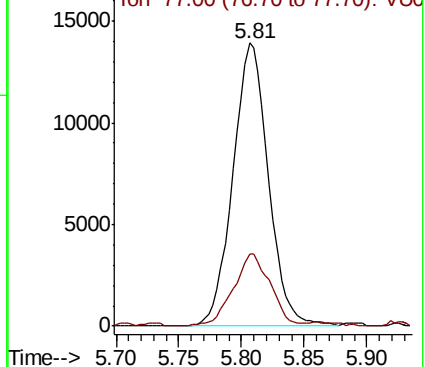
Ion Ratio Lower Upper

78 100

77 25.3 19.3 28.9



Abundance Ion 78.10 (77.80 to 78.80): VU038004.D (-1233) (-)



#36

1,2-Dichloroethane

Concen: 0.258 ug/l

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038004.D

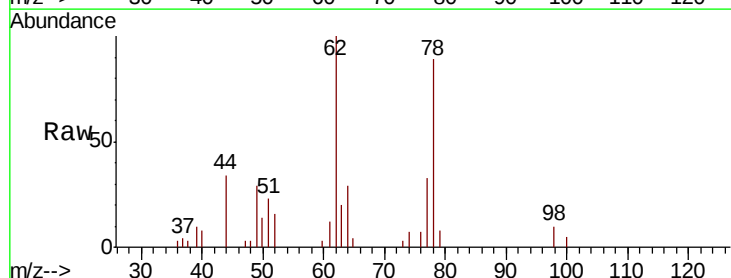
Acq: 04 May 2020 16:23

Tgt Ion: 62 Resp: 8050

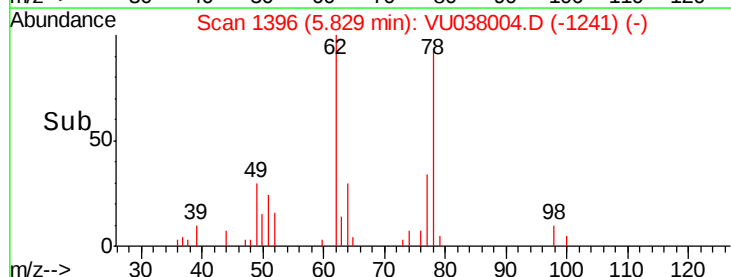
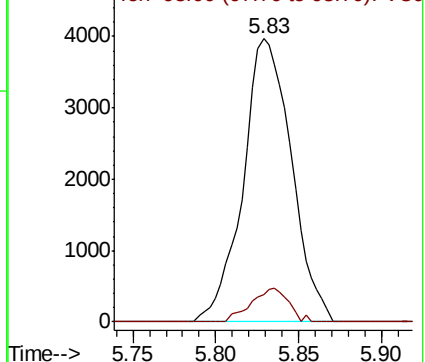
Ion Ratio Lower Upper

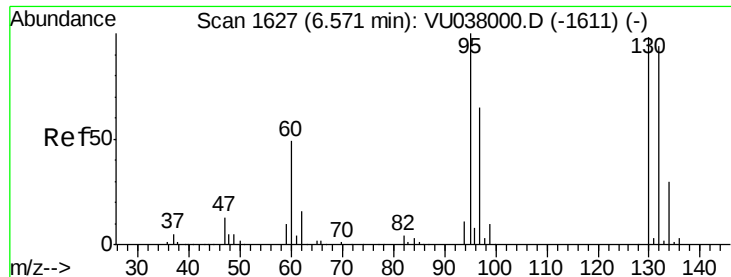
62 100

98 9.2 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VU038004.D (-1241) (-)

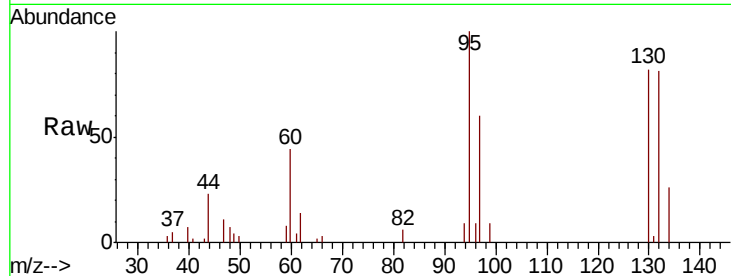




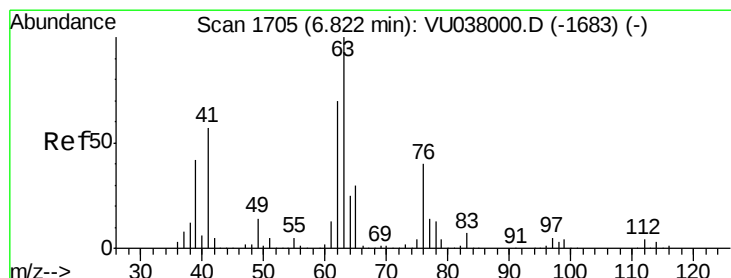
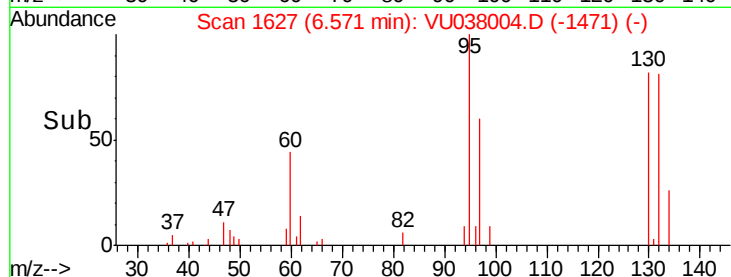
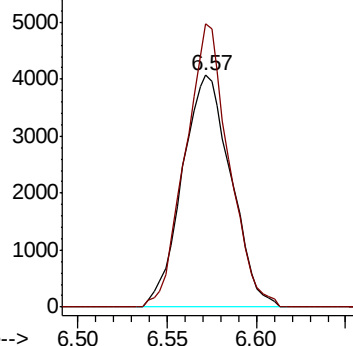
#37  
 Trichloroethene  
 Concen: 0.282 ug/l  
 RT: 6.57 min Scan# 1627  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

Instrument :  
 MSVOA\_U  
 ClientSampled :

Tot Ion:130 Resp: 7792  
 Ion Ratio Lower Upper  
 130 100  
 95 122.1 81.6 122.4

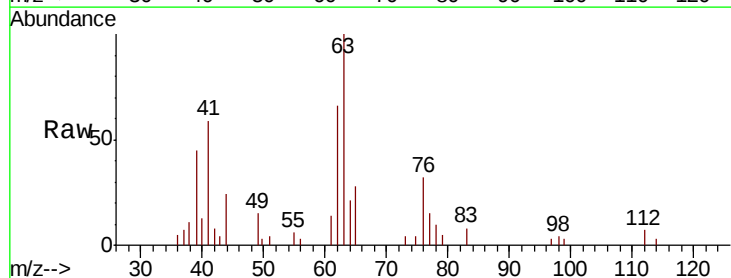


Abundance Ion 129.90 (129.60 to 130.60): VU038000.D (-1611) (-)  
 Ion 94.90 (94.60 to 95.60): VU038000.D (-1611) (-)

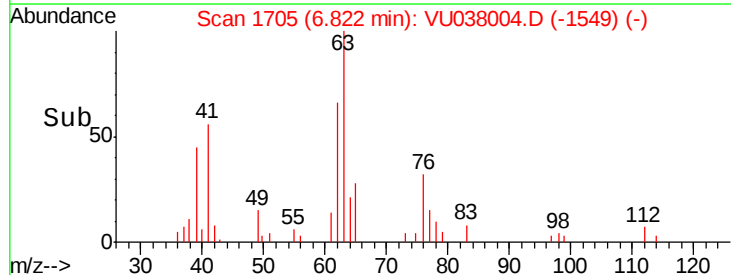
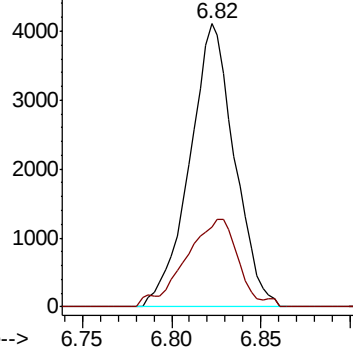


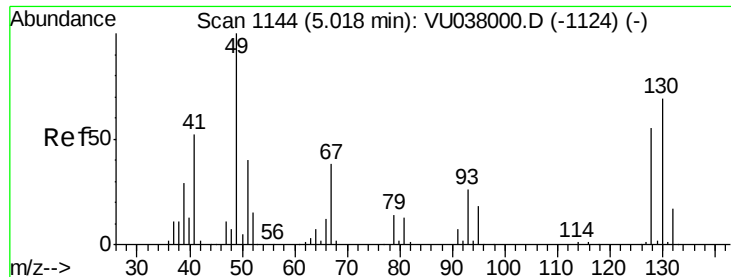
#38  
 1,2-Dichloropropane  
 Concen: 0.254 ug/l  
 RT: 6.82 min Scan# 1705  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

Tgt Ion: 63 Resp: 7209  
 Ion Ratio Lower Upper  
 63 100  
 65 28.4 24.1 36.1



Abundance Ion 63.00 (62.70 to 63.70): VU038000.D (-1683) (-)  
 Ion 65.00 (64.70 to 65.70): VU038000.D (-1683) (-)

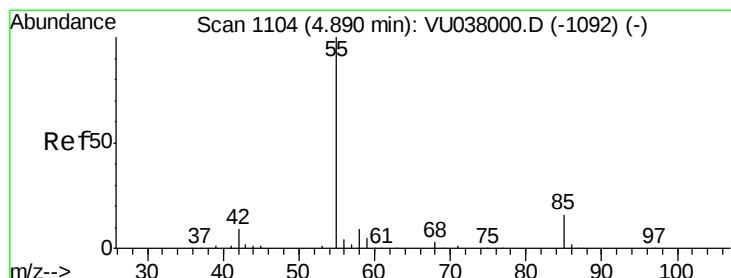
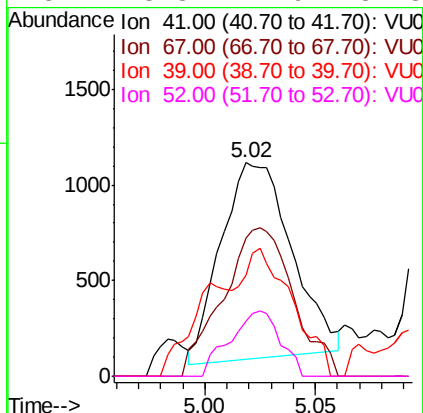
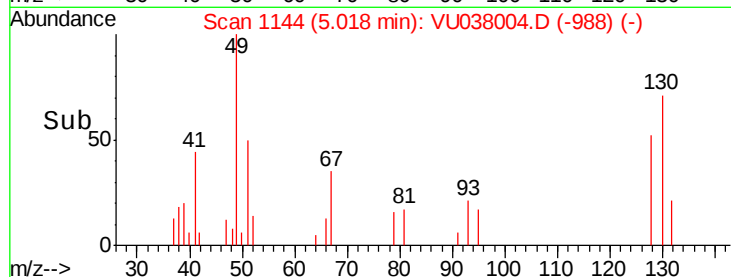
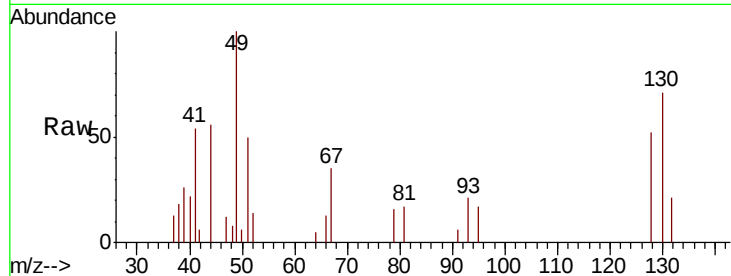




#39  
Methacrylonitrile  
Concen: 0.221 ug/l  
RT: 5.02 min Scan# 1144  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

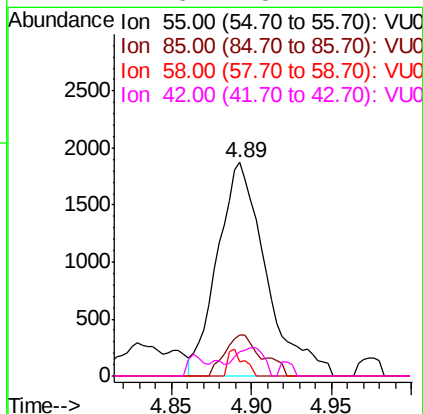
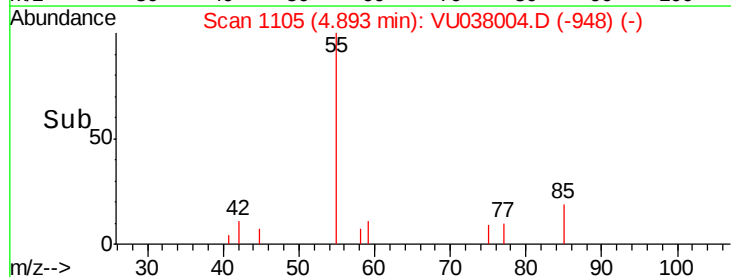
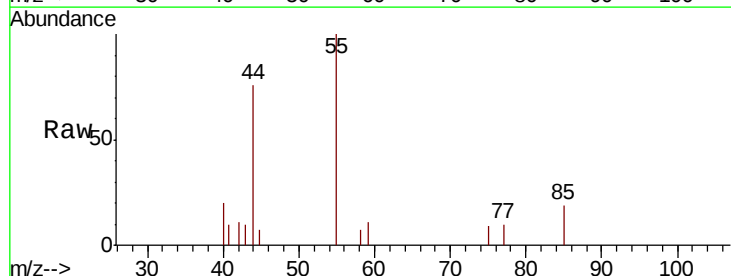
Instrument :  
MSVOA\_U  
ClientSampled :

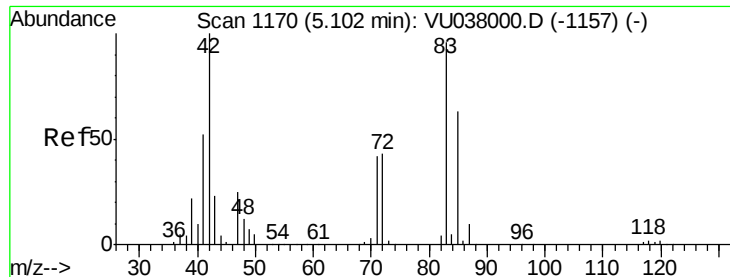
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 2269  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 67       | 75.6  | 58.0  | 87.0  |
| 39       | 43.2  | 43.2  | 64.8  |
| 52       | 23.8  | 22.9  | 34.3  |



#40  
Methyl acrylate  
Concen: 0.258 ug/l  
RT: 4.89 min Scan# 1105  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 55    | Resp: | 3897  |
| Ion      | Ratio | Lower | Upper |
| 55       | 100   |       |       |
| 85       | 14.6  | 12.9  | 19.3  |
| 58       | 4.1   | 7.2   | 10.8# |
| 42       | 7.6   | 8.1   | 12.1# |





#41

Tetrahydrofuran

Concen: 0.731 ug/l

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

ClientSampleId :

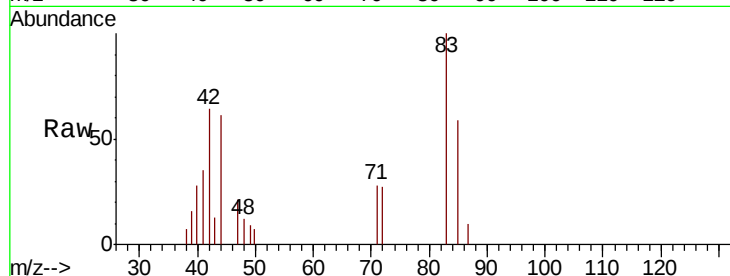
Tot Ion: 42 Resp: 3739

Ion Ratio Lower Upper

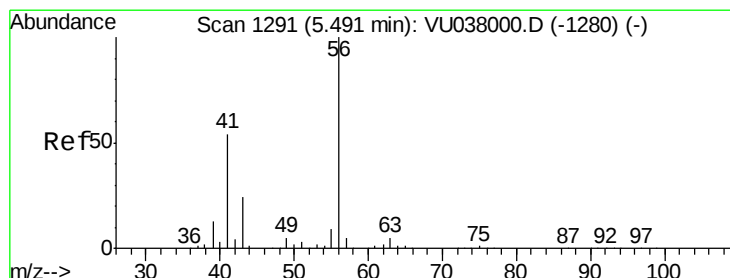
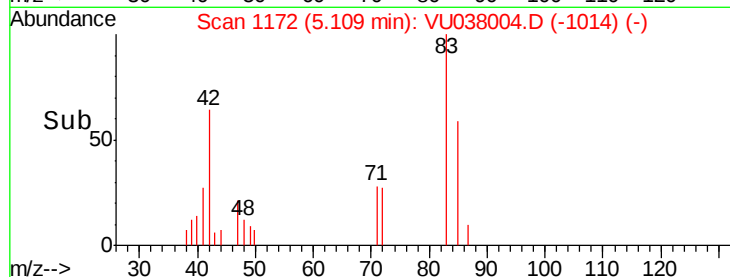
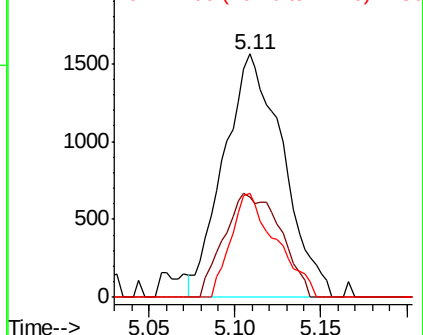
42 100

72 40.9 37.4 56.2

71 32.7 32.8 49.2#



Abundance Ion 42.00 (41.70 to 42.70): VU0  
Ion 72.00 (71.70 to 72.70): VU0  
Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 0.261 ug/l

RT: 5.49 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VU038004.D

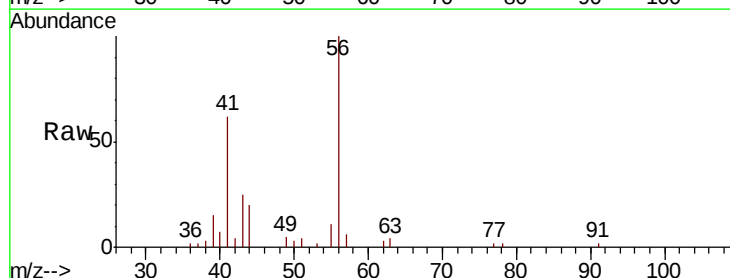
Acq: 04 May 2020 16:23

Tgt Ion: 56 Resp: 14141

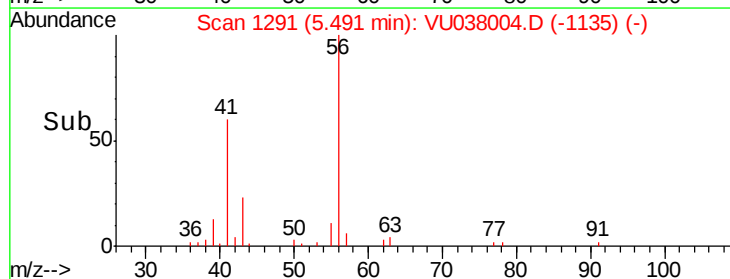
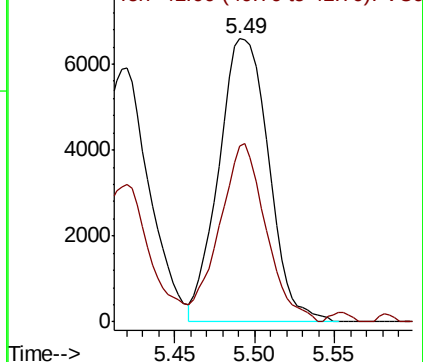
Ion Ratio Lower Upper

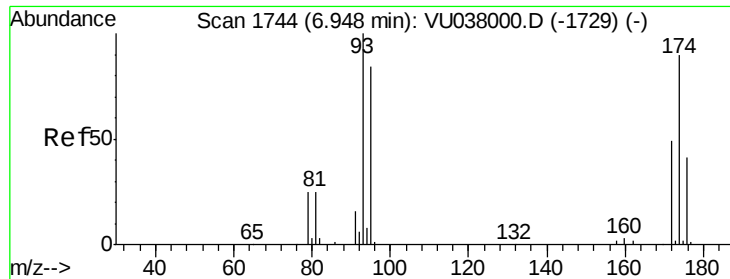
56 100

41 58.3 26.8 80.4



Abundance Ion 56.00 (55.70 to 56.70): VU0  
Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 0.234 ug/l

RT: 6.95 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

ClientSampleId :

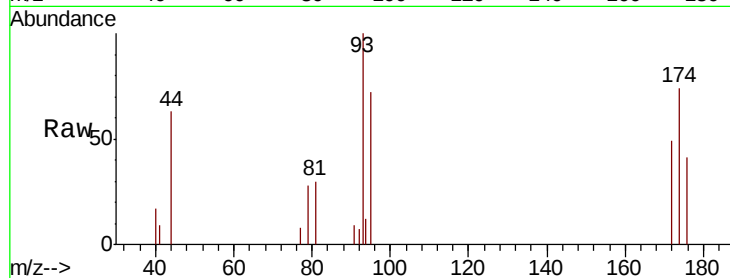
Tot Ion: 93 Resp: 3096

Ion Ratio Lower Upper

93 100

95 83.4 66.1 99.1

174 84.1 72.8 109.2

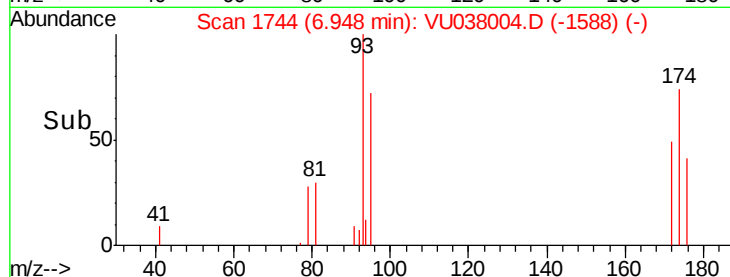


Abundance Ion 93.00 (92.70 to 93.70): VU038000.D (-1729) (-)

Ion 95.00 (94.70 to 95.70): VU038000.D (-1729) (-)

Ion 174.00 (173.70 to 174.70): VU038000.D (-1729) (-)

Time-->



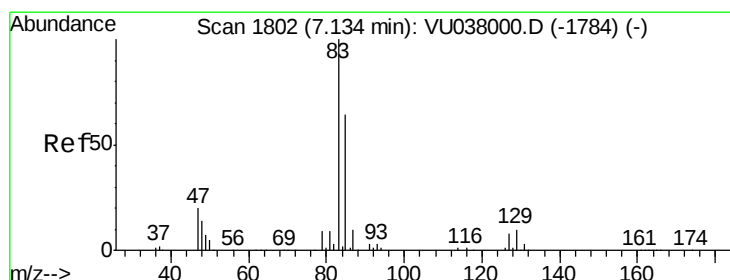
Abundance

Ion 93.00 (92.70 to 93.70): VU038000.D (-1729) (-)

Ion 95.00 (94.70 to 95.70): VU038000.D (-1729) (-)

Ion 174.00 (173.70 to 174.70): VU038000.D (-1729) (-)

Time-->



#44

Bromodichloromethane

Concen: 0.252 ug/l

RT: 7.14 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

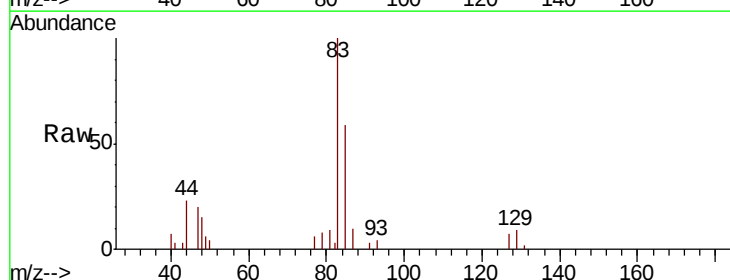
Tgt Ion: 83 Resp: 8374

Ion Ratio Lower Upper

83 100

85 58.8 51.4 77.0

127 7.2 6.2 9.2

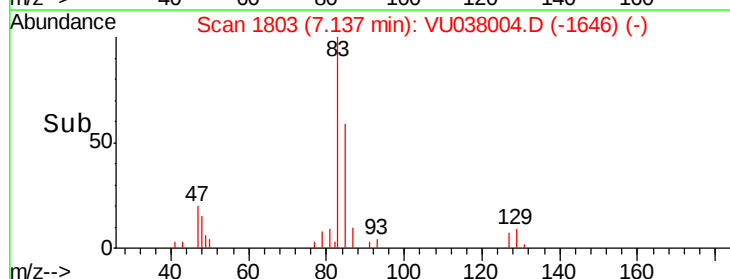


Abundance Ion 83.00 (82.70 to 83.70): VU038000.D (-1784) (-)

Ion 85.00 (84.70 to 85.70): VU038000.D (-1784) (-)

Ion 127.00 (126.70 to 127.70): VU038000.D (-1784) (-)

Time-->



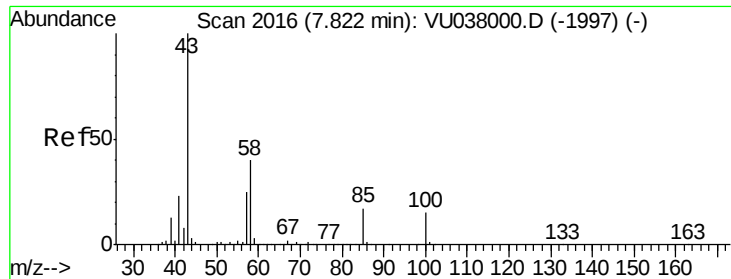
Abundance

Ion 83.00 (82.70 to 83.70): VU038000.D (-1784) (-)

Ion 85.00 (84.70 to 85.70): VU038000.D (-1784) (-)

Ion 127.00 (126.70 to 127.70): VU038000.D (-1784) (-)

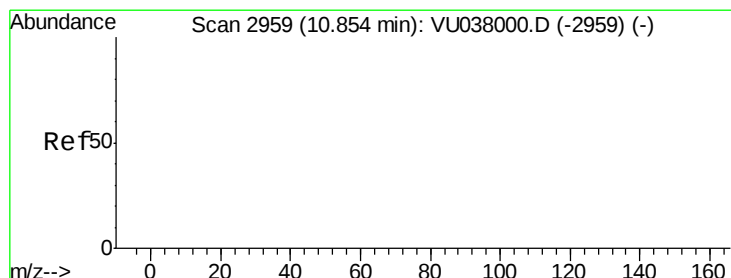
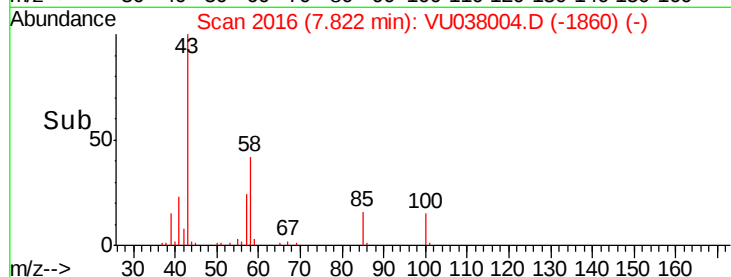
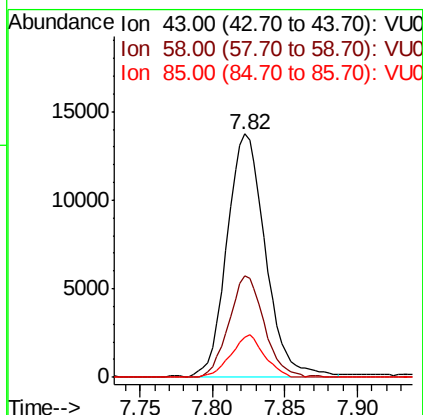
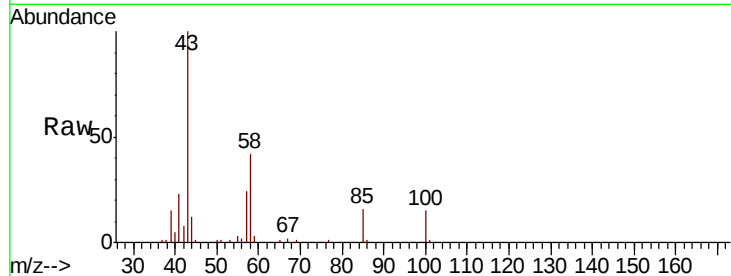
Time-->



#45  
4-Methyl-2-Pentanone  
Concen: 1.410 ug/l  
RT: 7.82 min Scan# 2016  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

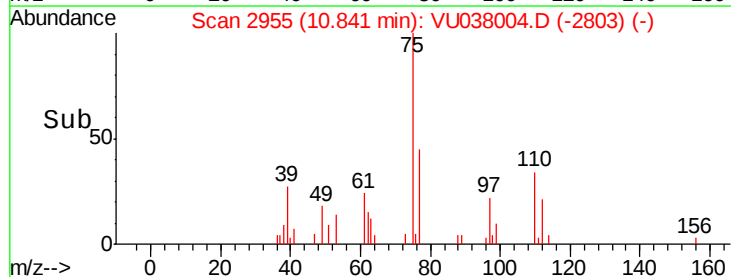
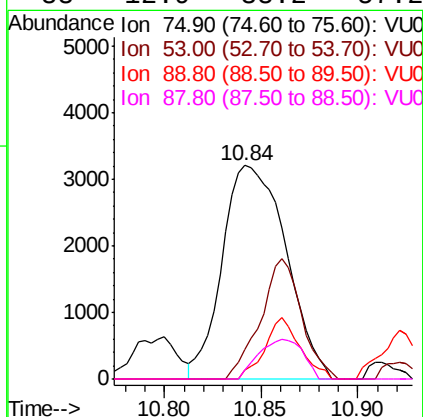
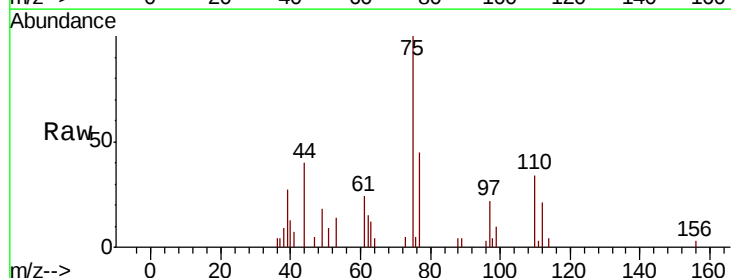
Instrument :  
MSVOA\_U  
ClientSampled :

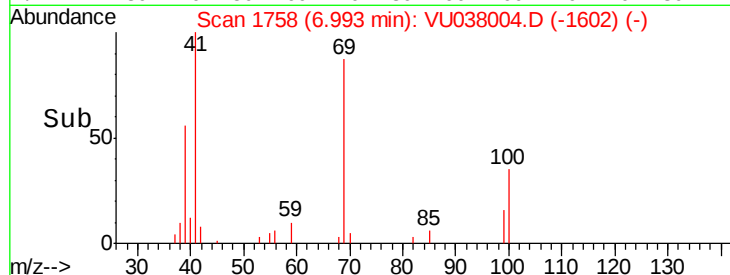
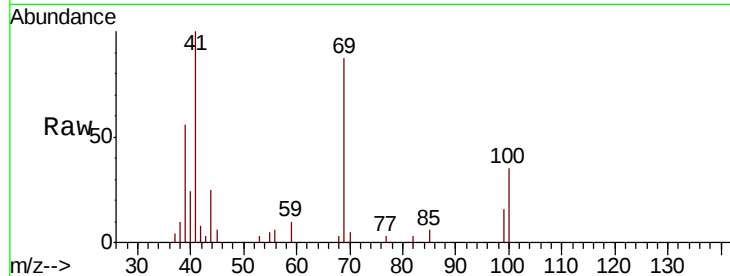
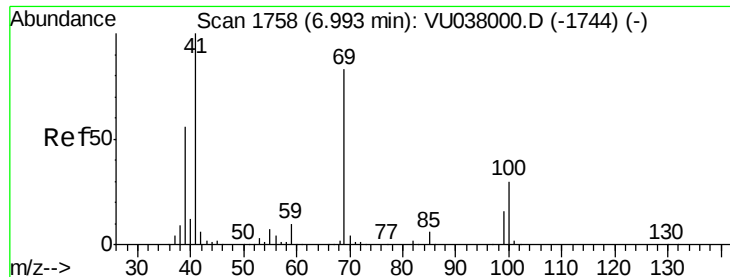
Tot Ion: 43 Resp: 25371  
Ion Ratio Lower Upper  
43 100  
58 37.8 20.1 60.3  
85 15.0 13.7 20.5



#46  
t-1,4-Dichloro-2-butene  
Concen: 1.321 ug/l  
RT: 10.84 min Scan# 2955  
Delta R.T. -0.01 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

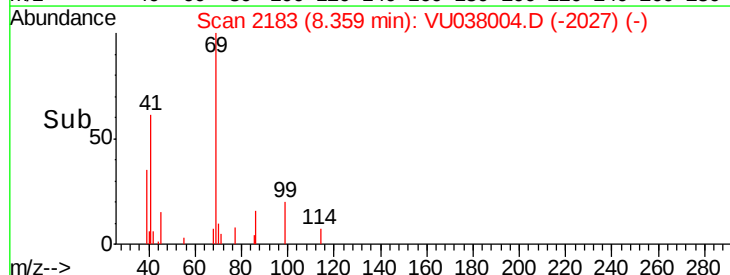
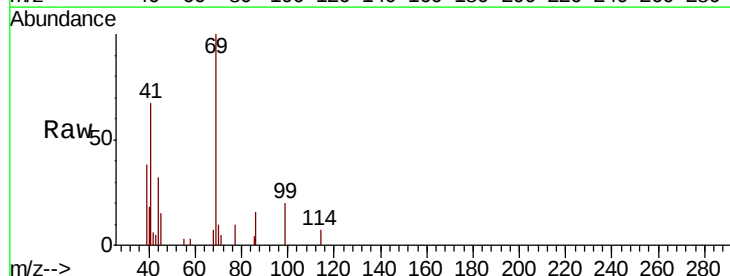
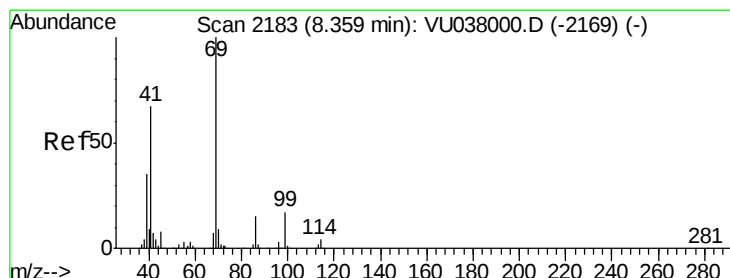
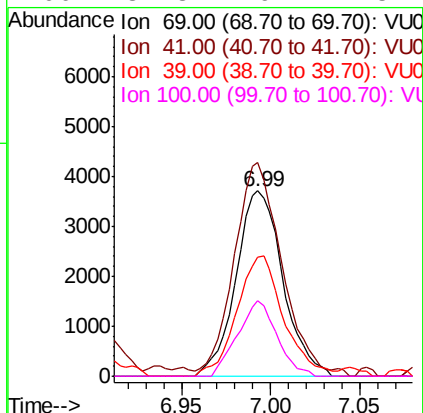
Tgt Ion: 75 Resp: 7355  
Ion Ratio Lower Upper  
75 100  
53 36.1 81.1 121.7#  
89 15.9 53.2 79.8#  
88 12.9 38.2 57.2#





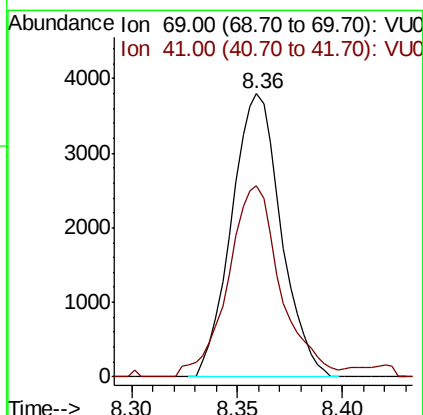
#47  
Methyl methacrylate  
Concen: 0.506 ug/l  
RT: 6.99 min Scan# 1758  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

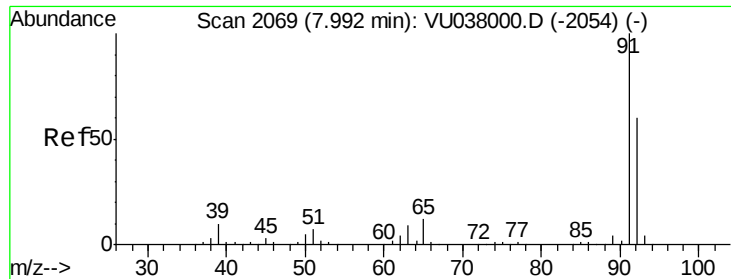
Tot Ion: 69 Resp: 6794  
Ion Ratio Lower Upper  
69 100  
41 117.7 0.0 241.6  
39 64.9 52.9 79.3  
100 34.3 29.1 43.7



#48  
Ethyl methacrylate  
Concen: 0.249 ug/l  
RT: 8.36 min Scan# 2183  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

Tgt Ion: 69 Resp: 6184  
Ion Ratio Lower Upper  
69 100  
41 71.7 33.6 100.8





#49

Toluene

Concen: 0.246 ug/l

RT: 8.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

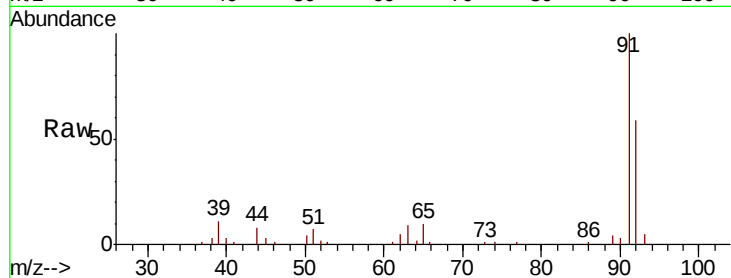
ClientSampleId :

Tot Ion: 92 Resp: 16401

Ion Ratio Lower Upper

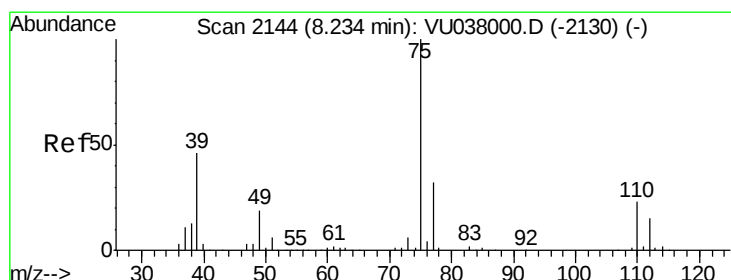
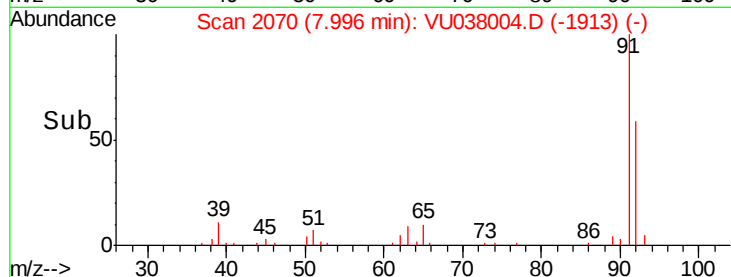
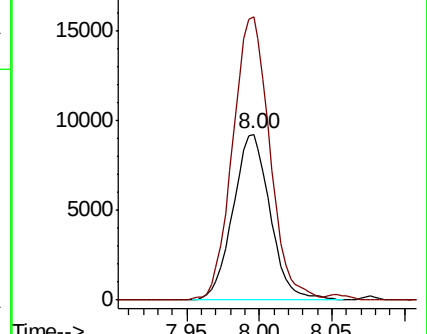
92 100

91 171.0 134.4 201.6



Abundance Ion 92.00 (91.70 to 92.70): VU038000.D (-2054) (-)

Ion 91.00 (90.70 to 91.70): VU038000.D (-2054) (-)



#50

t-1,3-Dichloropropene

Concen: 0.215 ug/l

RT: 8.23 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU038004.D

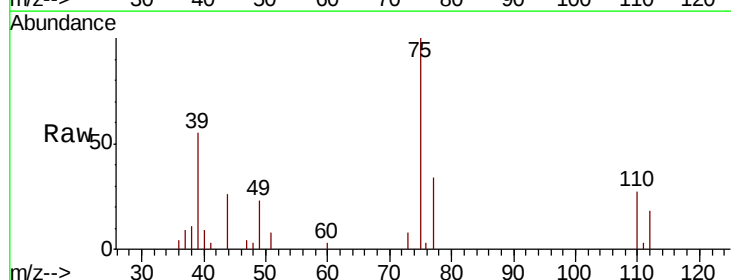
Acq: 04 May 2020 16:23

Tgt Ion: 75 Resp: 7282

Ion Ratio Lower Upper

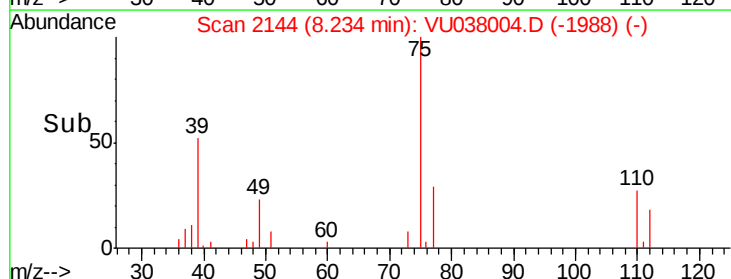
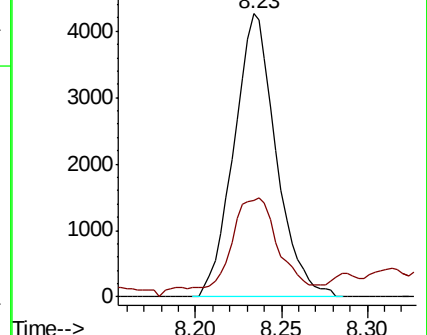
75 100

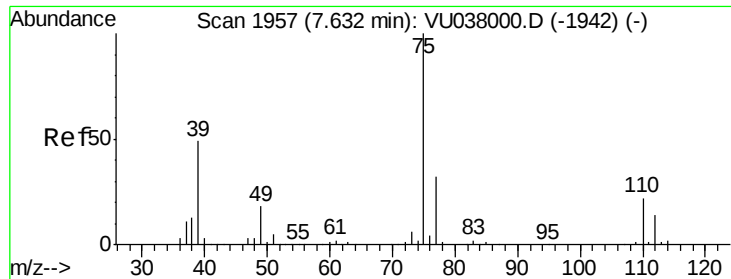
77 30.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU038000.D (-2130) (-)

Ion 77.00 (76.70 to 77.70): VU038000.D (-2130) (-)



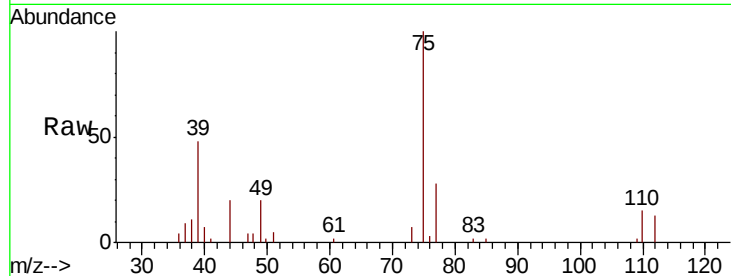


#51

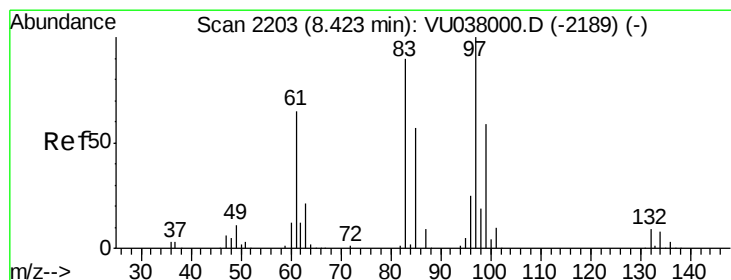
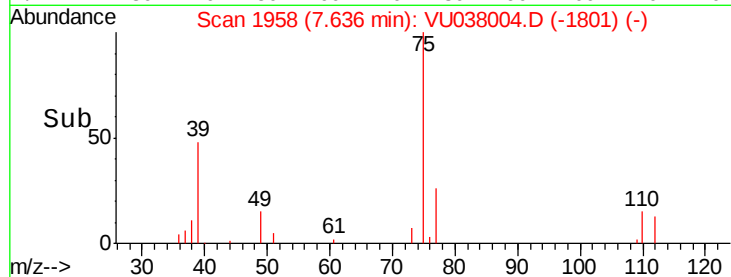
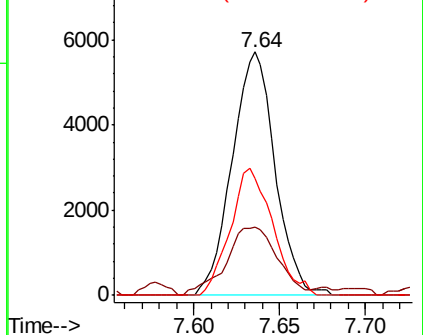
cis-1,3-Dichloropropene  
Concen: 0.243 ug/l  
RT: 7.64 min Scan# 1958  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

Instrument :  
MSVOA\_U  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 25.8  | 25.5  | 38.3  |
| 39      | 48.0  | 39.0  | 58.4  |



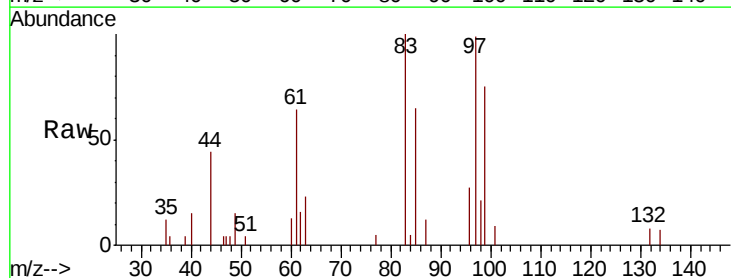
Abundance Ion 75.00 (74.70 to 75.70): VU0  
Ion 77.00 (76.70 to 77.70): VU0  
Ion 39.00 (38.70 to 39.70): VU0



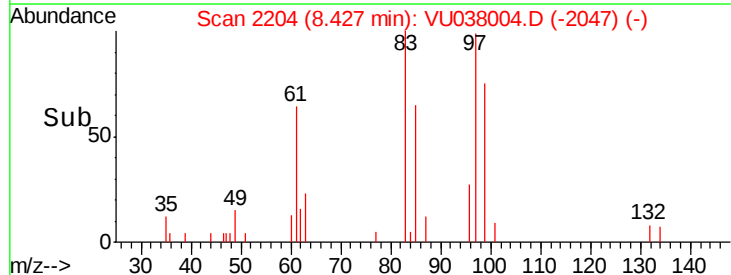
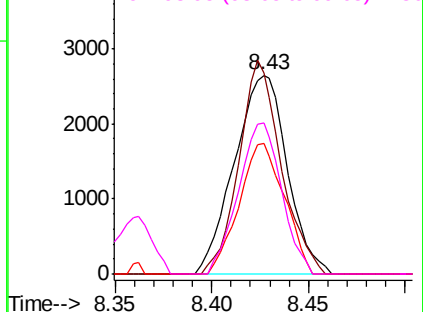
#52

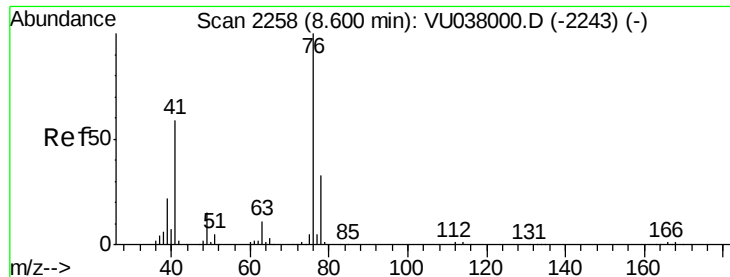
1,1,2-Trichloroethane  
Concen: 0.269 ug/l  
RT: 8.43 min Scan# 2204  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 101.4 | 72.4  | 108.6 |
| 85      | 65.7  | 46.0  | 69.0  |
| 99      | 76.1  | 50.4  | 75.6# |



Abundance Ion 97.00 (96.70 to 97.70): VU0  
Ion 82.95 (82.65 to 83.65): VU0  
Ion 84.95 (84.65 to 85.65): VU0  
Ion 98.95 (98.65 to 99.65): VU0





#53

1,3-Dichloropropane

Concen: 0.239 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

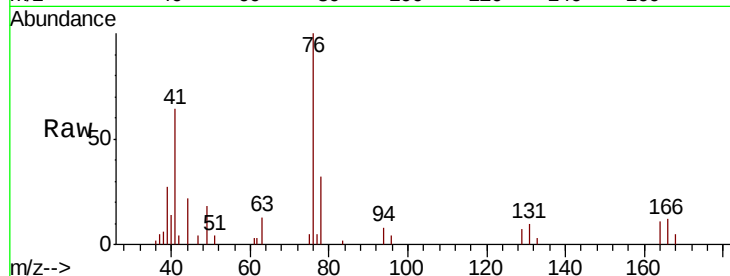
Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 76 Resp: 8374

Ion Ratio Lower Upper

76 100

78 34.2 25.8 38.6



Abundance Ion 76.00 (75.70 to 76.70): VU038000.D (-2243) (-)

Ion 78.00 (77.70 to 78.70): VU038000.D (-2243) (-)

8.60

6000

5000

4000

3000

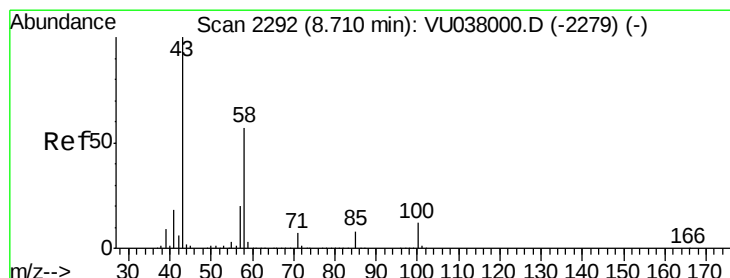
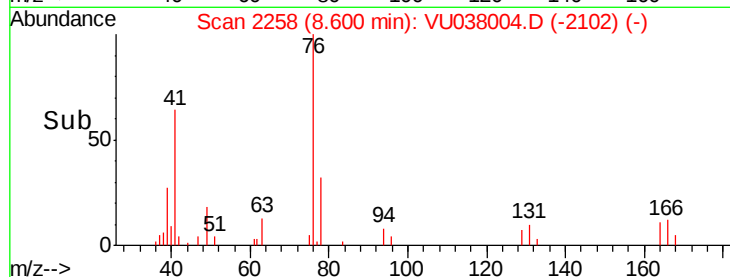
2000

1000

0

8.55 8.60 8.65

Time-->



#54

2-Hexanone

Concen: 1.315 ug/l

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

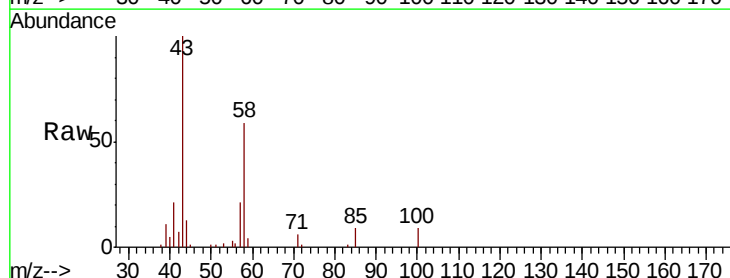
Tgt Ion: 43 Resp: 16710

Ion Ratio Lower Upper

43 100

58 54.4 36.5 76.5

57 19.6 0.0 39.5



Abundance Ion 43.00 (42.70 to 43.70): VU038000.D (-2279) (-)

Ion 58.00 (57.70 to 58.70): VU038000.D (-2279) (-)

Ion 57.00 (56.70 to 57.70): VU038000.D (-2279) (-)

8.71

12000

10000

8000

6000

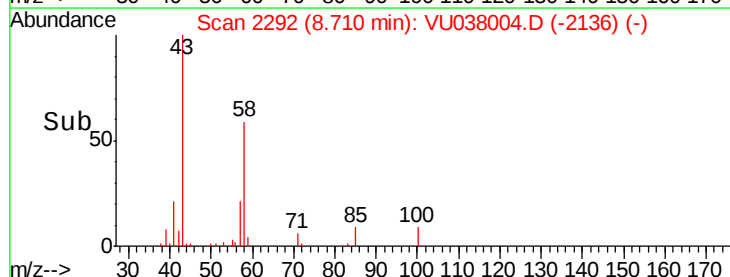
4000

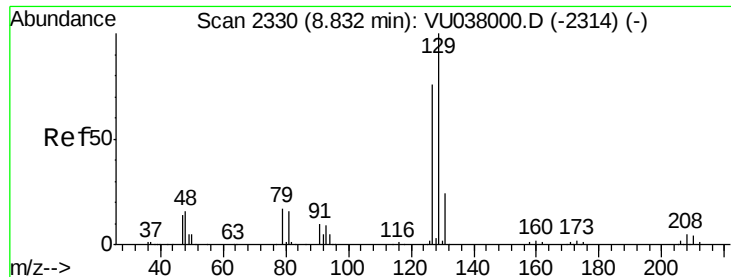
2000

0

8.65 8.70 8.75 8.80

Time-->





#55

Dibromochloromethane

Concen: 0.231 ug/l

RT: 8.84 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

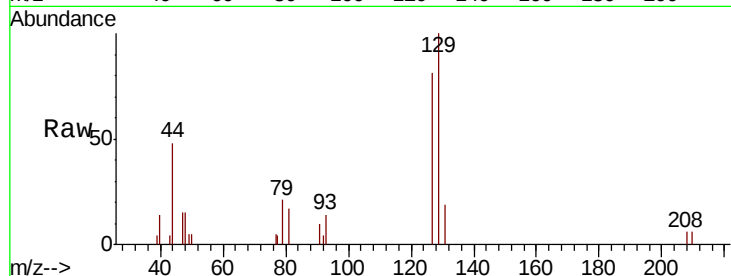
Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion:129 Resp: 4782

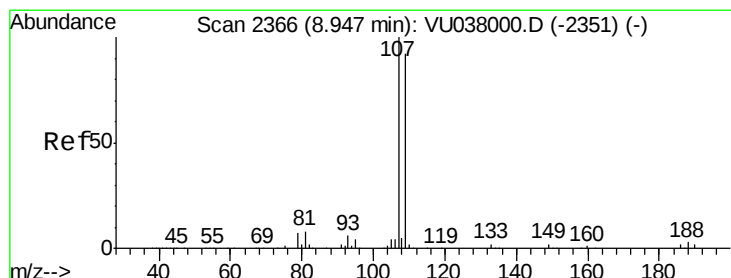
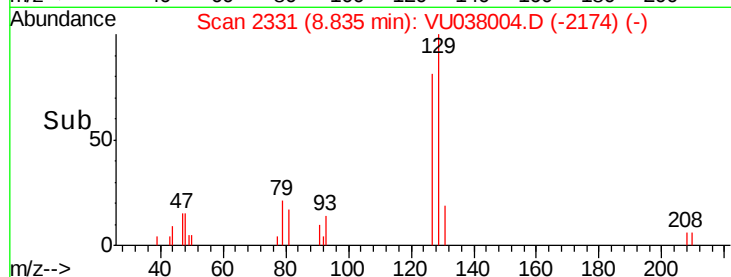
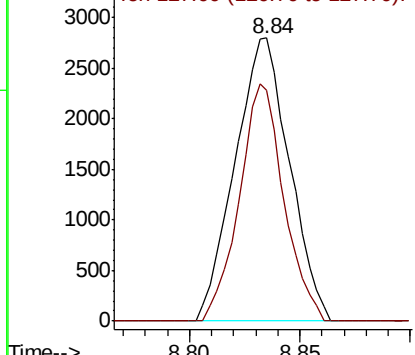
Ion Ratio Lower Upper

129 100

127 68.5 62.2 93.2



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



#56

1,2-Dibromoethane

Concen: 0.257 ug/l

RT: 8.95 min Scan# 2366

Delta R.T. 0.00 min

Lab File: VU038004.D

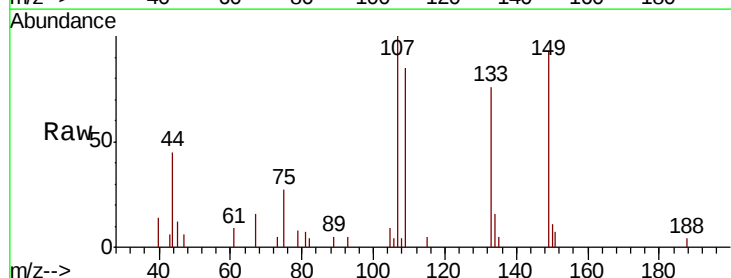
Acq: 04 May 2020 16:23

Tgt Ion:107 Resp: 4540

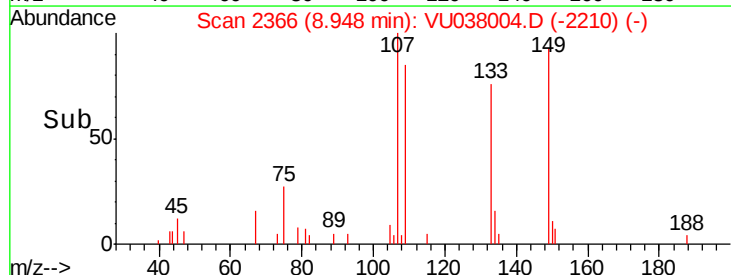
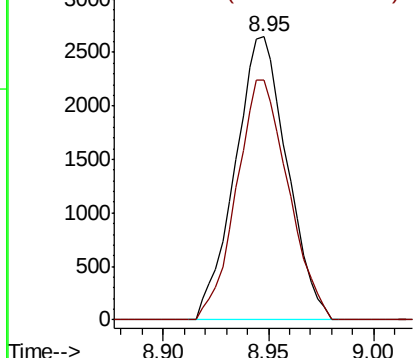
Ion Ratio Lower Upper

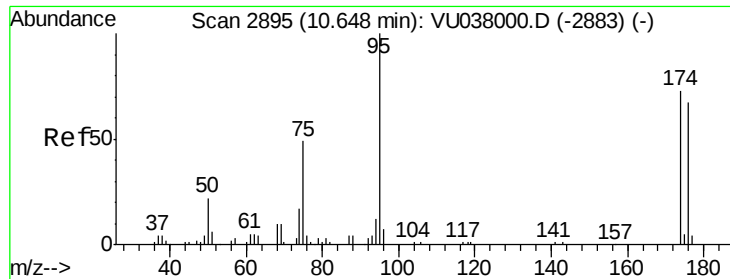
107 100

109 84.1 0.0 184.6



Abundance Ion 107.00 (106.70 to 107.70): V  
Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 0.934 ug/l

RT: 10.65 min Scan# 2895

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

ClientSampled :

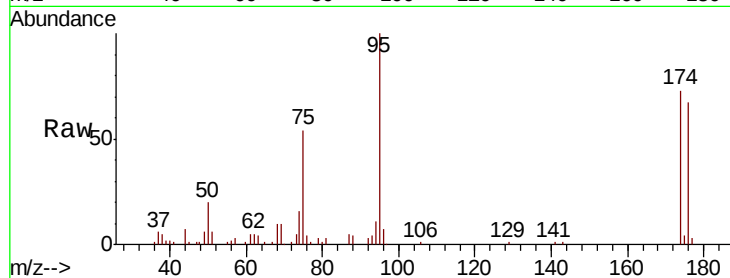
Tot Ion: 95 Resp: 32360

Ion Ratio Lower Upper

95 100

174 74.6 61.2 91.8

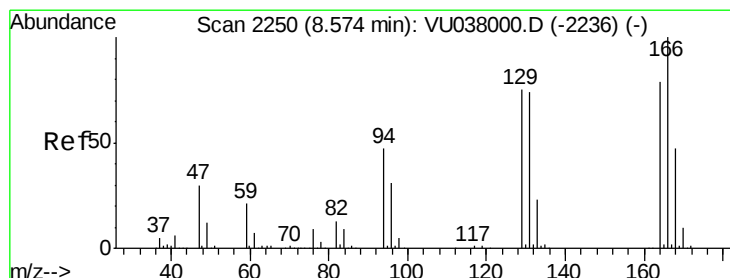
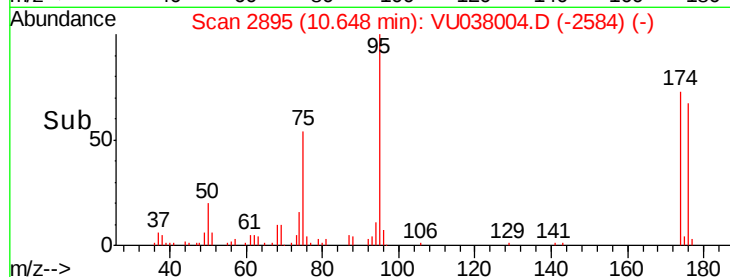
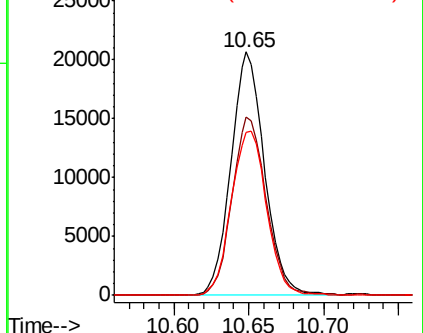
176 70.9 57.1 85.7



Abundance Ion 95.00 (94.70 to 95.70): VU038000.D (-2883) (-)

Ion 174.00 (173.70 to 174.70): VU038000.D (-2883) (-)

Ion 176.00 (175.70 to 176.70): VU038000.D (-2883) (-)



#58

Tetrachloroethene

Concen: 0.269 ug/l

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Tgt Ion: 164 Resp: 6933

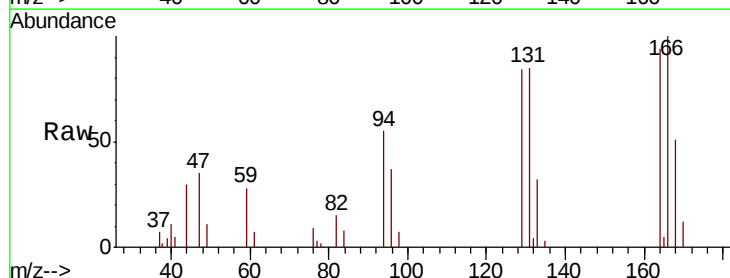
Ion Ratio Lower Upper

164 100

166 106.3 101.5 152.3

129 89.2 76.6 114.8

131 90.2 75.0 112.4

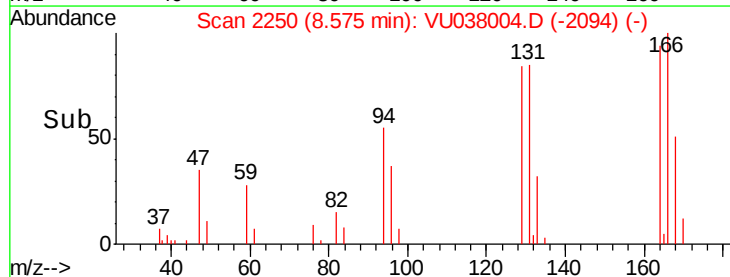
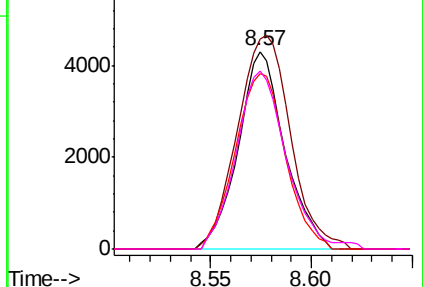


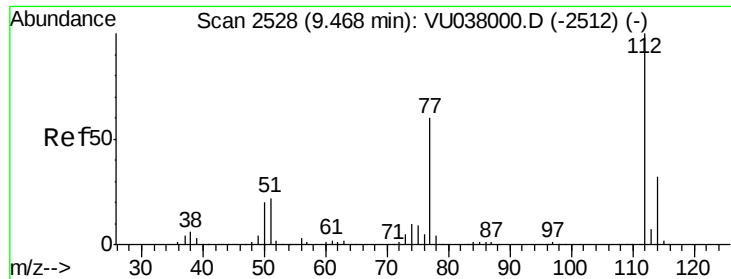
Abundance Ion 163.85 (163.55 to 164.55): VU038000.D (-2236) (-)

Ion 165.80 (165.50 to 166.50): VU038000.D (-2236) (-)

Ion 128.90 (128.60 to 129.60): VU038000.D (-2236) (-)

Ion 130.90 (130.60 to 131.60): VU038000.D (-2236) (-)





#59

Chlorobenzene

Concen: 0.263 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

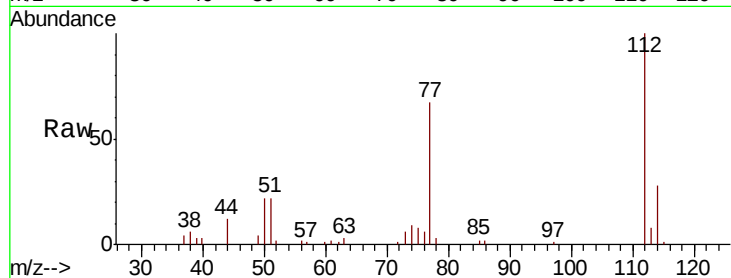
ClientSampleId :

Tot Ion:112 Resp: 18579

Ion Ratio Lower Upper

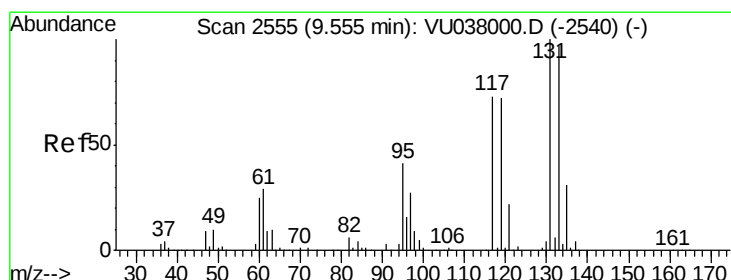
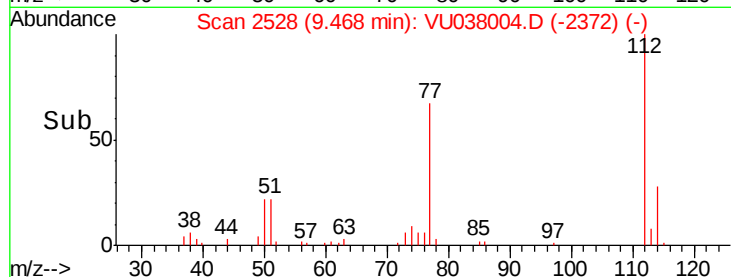
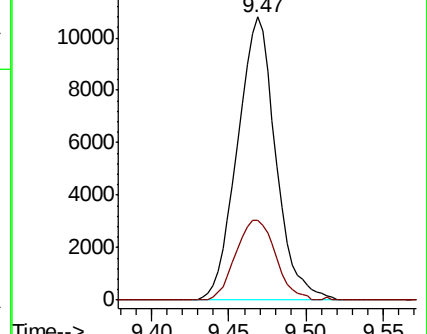
112 100

114 28.1 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 0.245 ug/l

RT: 9.56 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

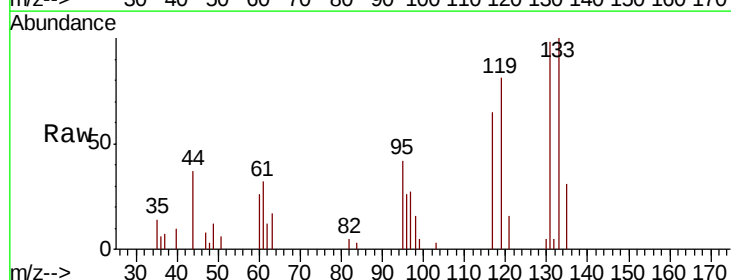
Tgt Ion:131 Resp: 5254

Ion Ratio Lower Upper

131 100

133 92.2 76.8 115.2

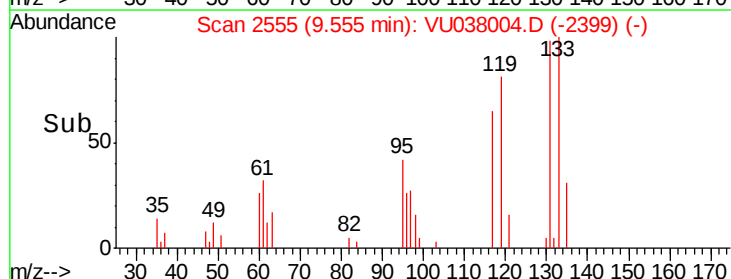
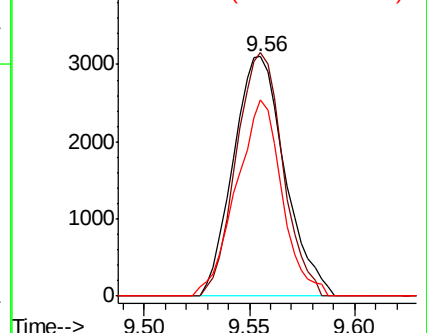
119 73.1 56.7 85.1

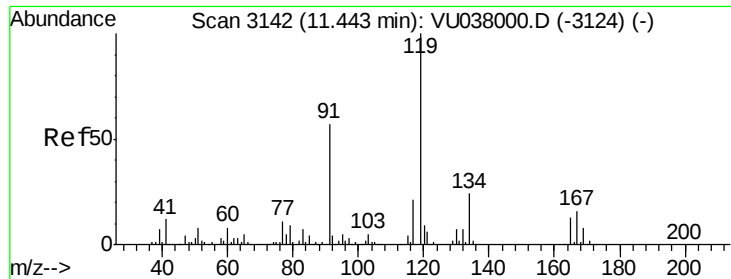


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

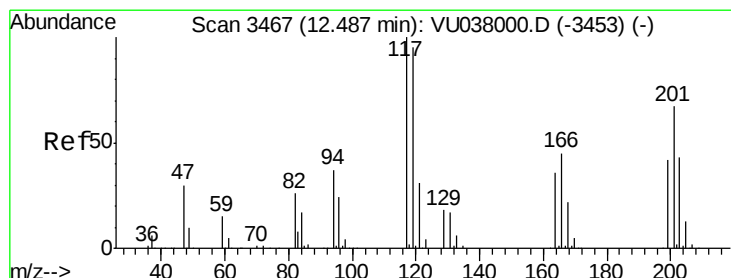
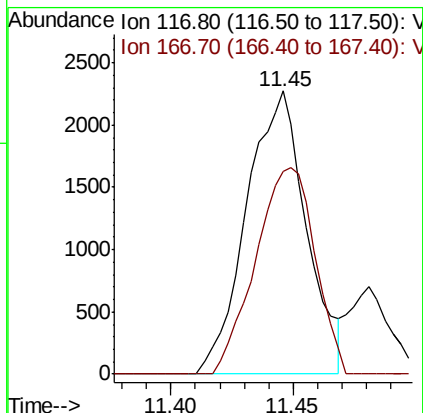
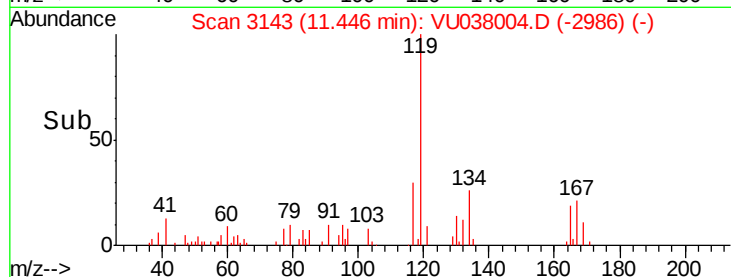
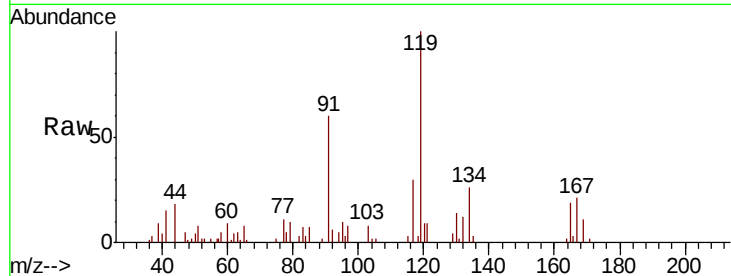




#61  
 Pentachloroethane  
 Concen: 0.241 ug/l  
 RT: 11.45 min Scan# 3143  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

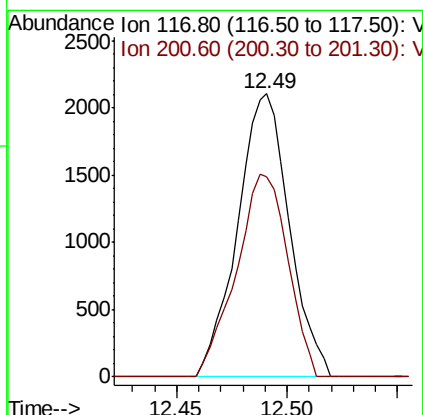
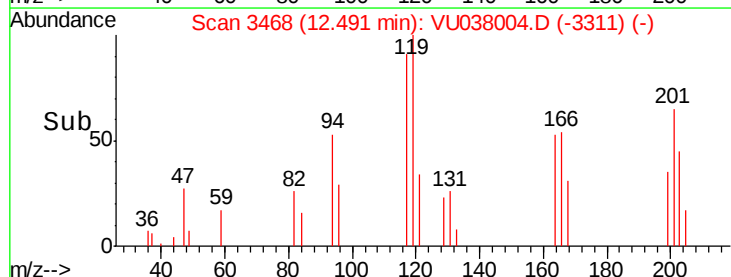
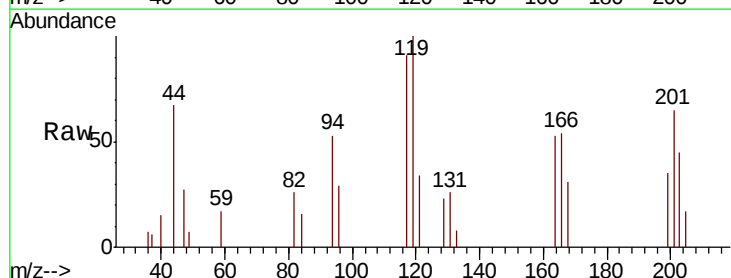
Instrument :  
 MSVOA\_U  
 ClientSampleId :

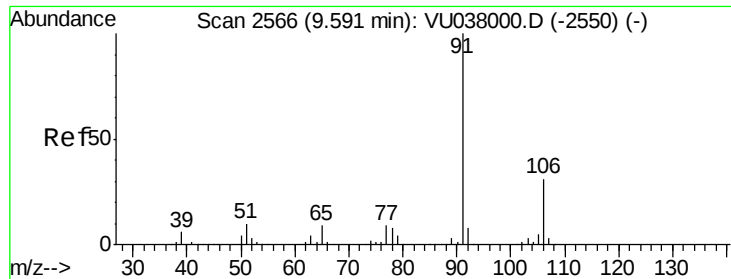
Tot Ion:117 Resp: 3873  
 Ion Ratio Lower Upper  
 117 100  
 167 72.2 60.3 90.5



#62  
 Hexachloroethane  
 Concen: 0.205 ug/l  
 RT: 12.49 min Scan# 3468  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

Tgt Ion:117 Resp: 3433  
 Ion Ratio Lower Upper  
 117 100  
 201 71.1 54.7 82.1

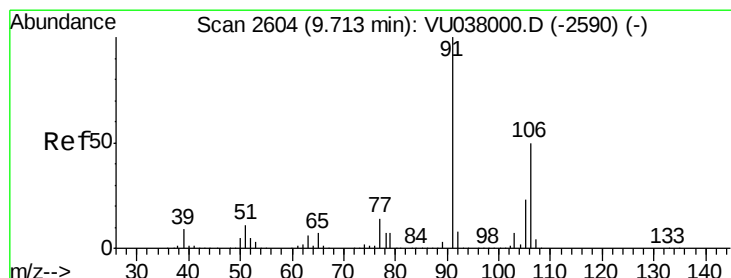
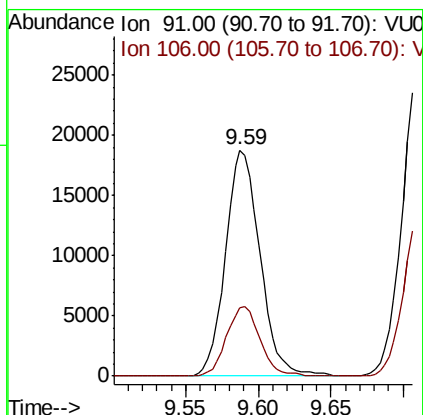
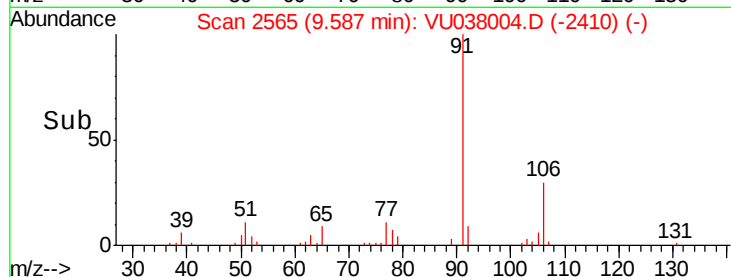
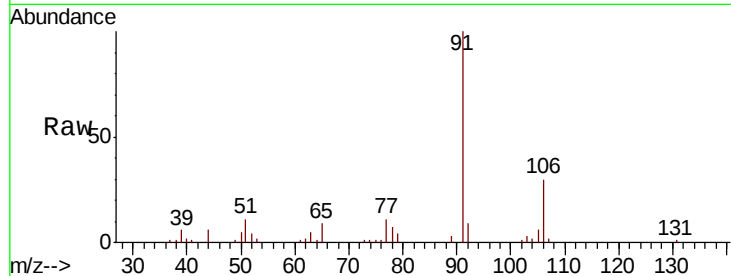




#63  
Ethyl Benzene  
Concen: 0.246 ug/l  
RT: 9.59 min Scan# 2565  
Delta R.T. -0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

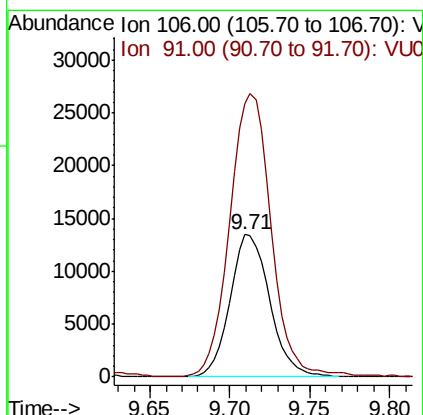
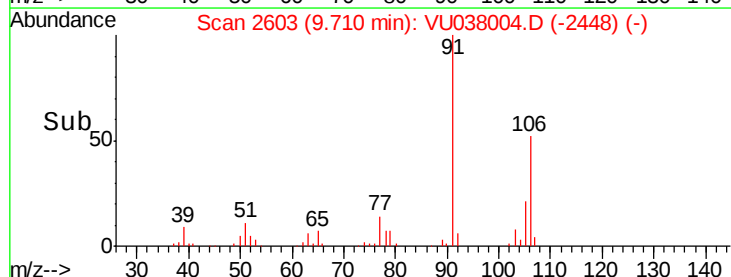
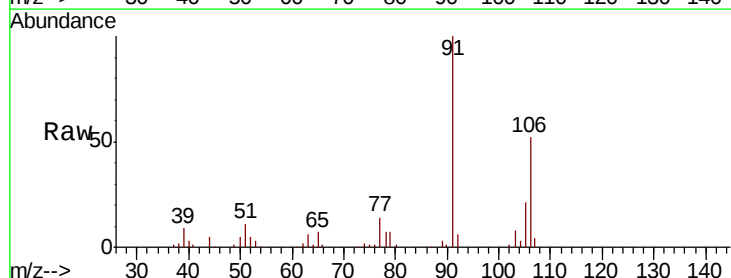
Instrument :  
MSVOA\_U  
ClientSampled :

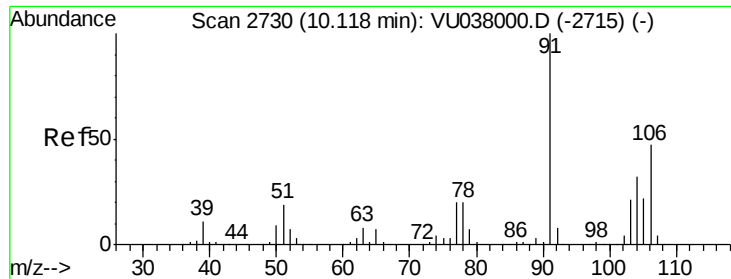
Tot Ion: 91 Resp: 30985  
Ion Ratio Lower Upper  
91 100  
106 29.9 24.9 37.3



#64  
m/p-Xylenes  
Concen: 0.470 ug/l  
RT: 9.71 min Scan# 2603  
Delta R.T. -0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

Tgt Ion: 106 Resp: 22761  
Ion Ratio Lower Upper  
106 100  
91 207.8 159.5 239.3

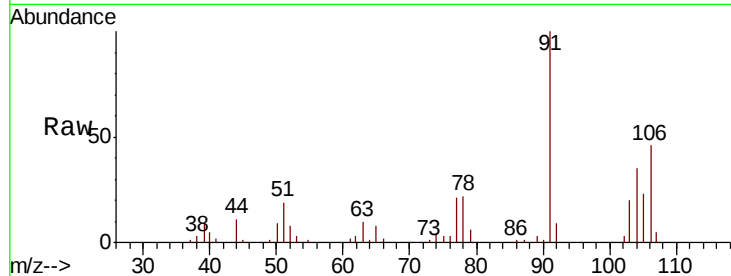




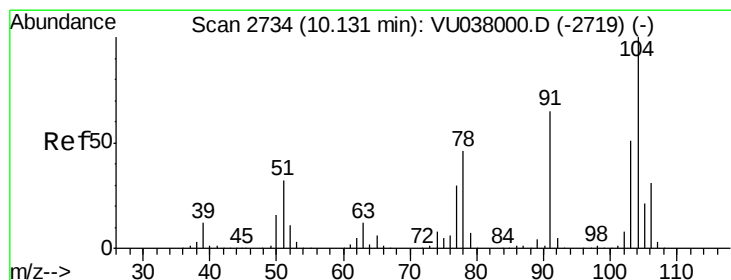
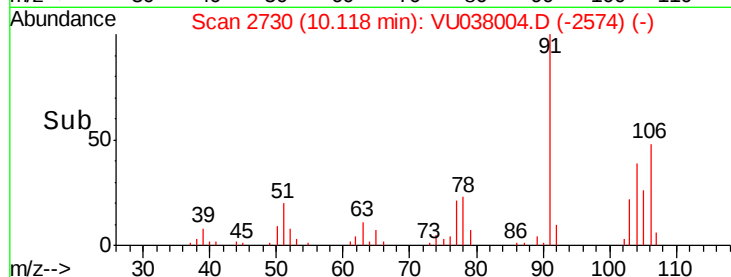
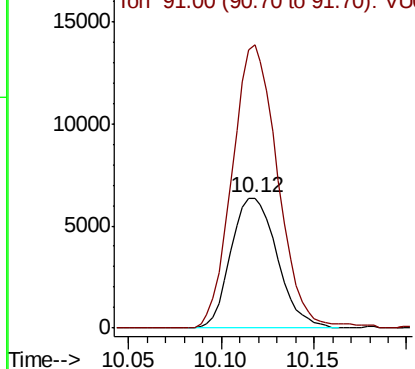
#65  
o-Xylene  
Concen: 0.234 ug/l  
RT: 10.12 min Scan# 2730  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion:106 Resp: 11028  
Ion Ratio Lower Upper  
106 100  
91 214.3 105.7 317.0

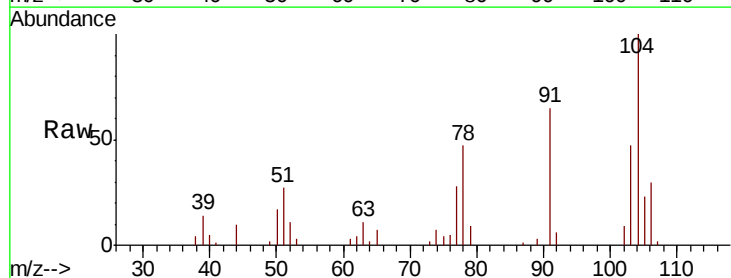


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VU0

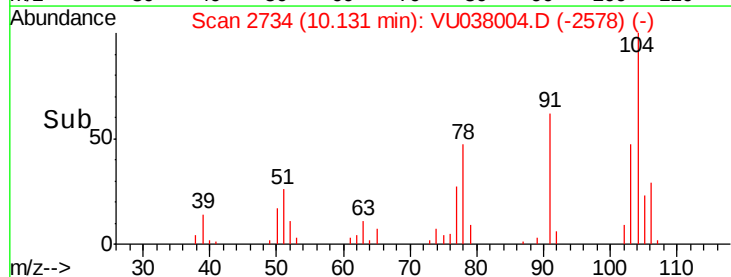
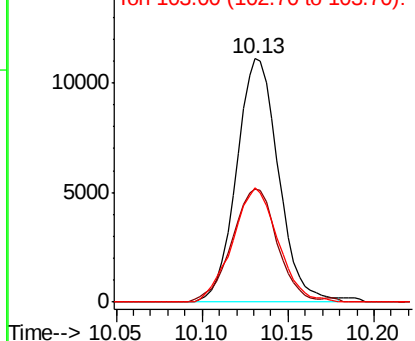


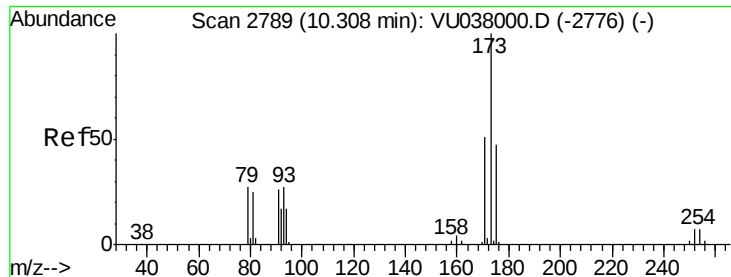
#66  
Styrene  
Concen: 0.243 ug/l  
RT: 10.13 min Scan# 2734  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

Tgt Ion:104 Resp: 18900  
Ion Ratio Lower Upper  
104 100  
78 49.9 39.9 59.9  
103 50.8 43.4 65.2



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

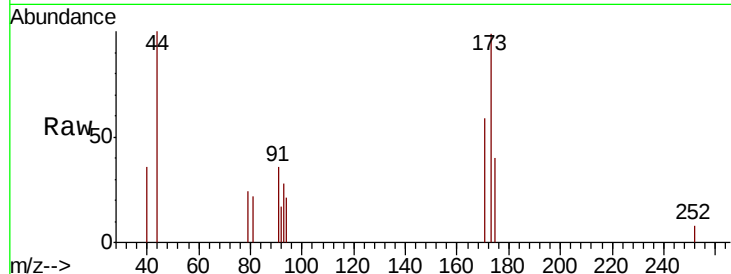




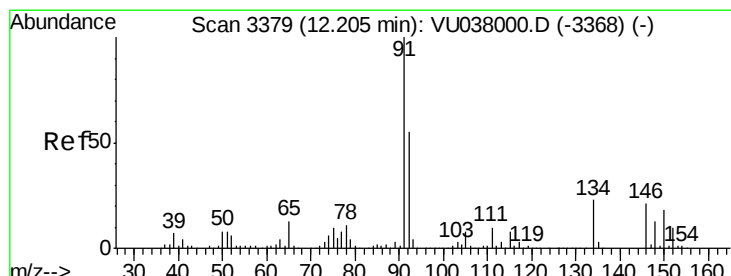
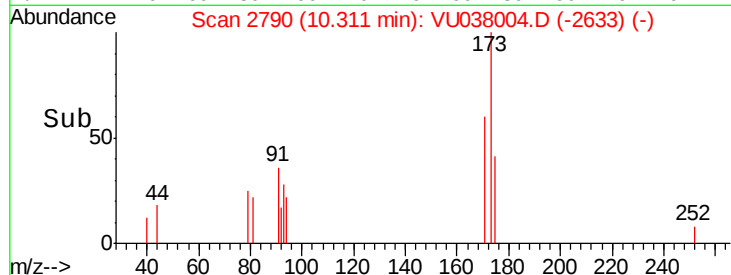
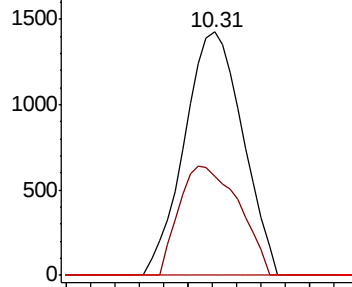
#67  
Bromoform  
Concen: 0.216 ug/l  
RT: 10.31 min Scan# 2790  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion:173 Resp: 2355  
Ion Ratio Lower Upper  
173 100  
175 46.3 37.6 56.4  
254 0.0 5.5 8.3#

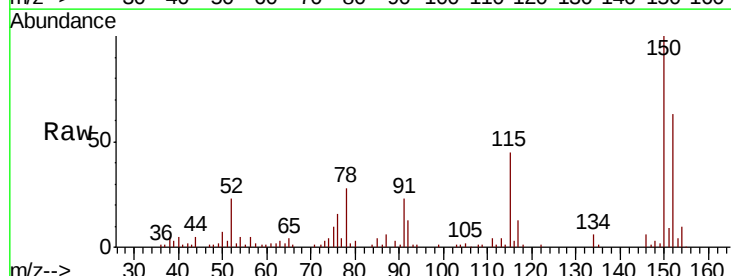


Abundance Ion 172.90 (172.60 to 173.60): V  
Ion 174.90 (174.60 to 175.60): V  
Ion 253.75 (253.45 to 254.45): V

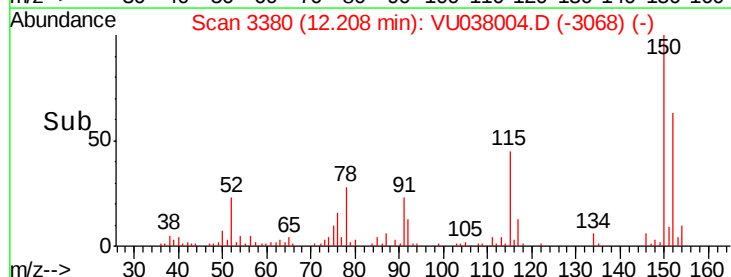
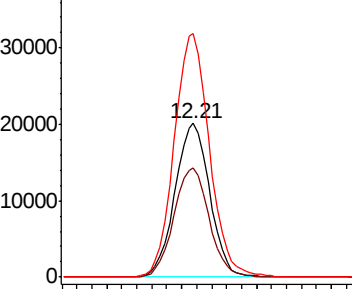


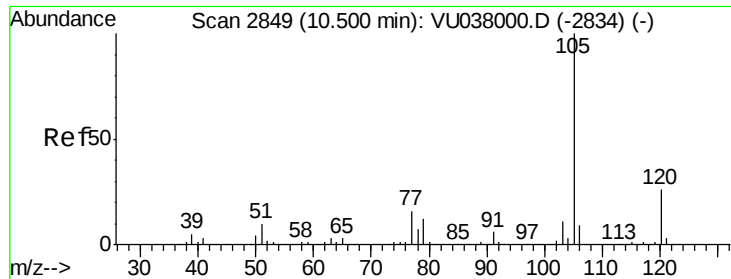
#68  
1,2-Dichlorobenzene-d4  
Concen: 0.970 ug/l  
RT: 12.21 min Scan# 3380  
Delta R.T. 0.00 min  
Lab File: VU038004.D  
Acq: 04 May 2020 16:23

Tgt Ion:152 Resp: 32523  
Ion Ratio Lower Upper  
152 100  
115 71.8 0.0 261.0  
150 160.2 0.0 650.2



Abundance Ion 152.00 (151.70 to 152.70): V  
Ion 115.00 (114.70 to 115.70): V  
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 0.234 ug/l

RT: 10.50 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

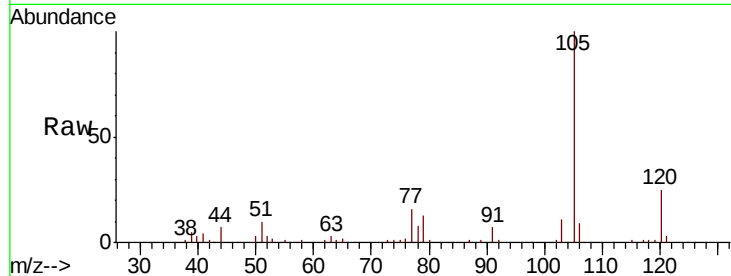
ClientSampleId :

Tot Ion:105 Resp: 28812

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

20000

15000

10000

5000

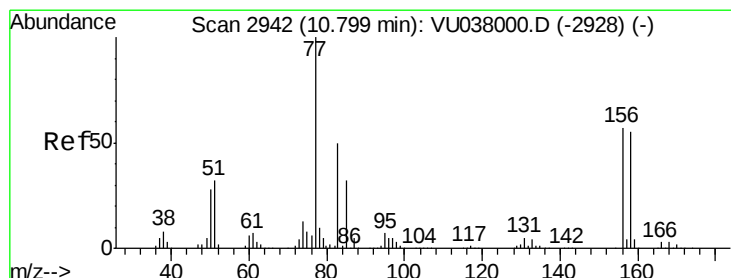
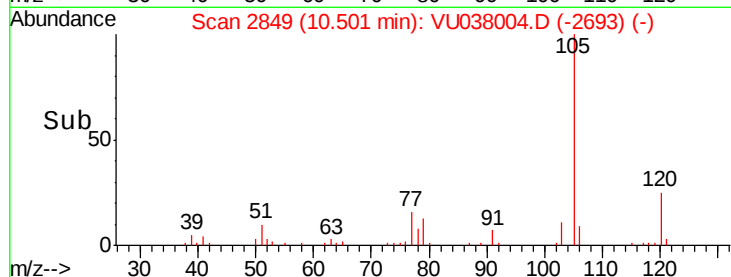
0

10.45

10.50

10.55

Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 0.246 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

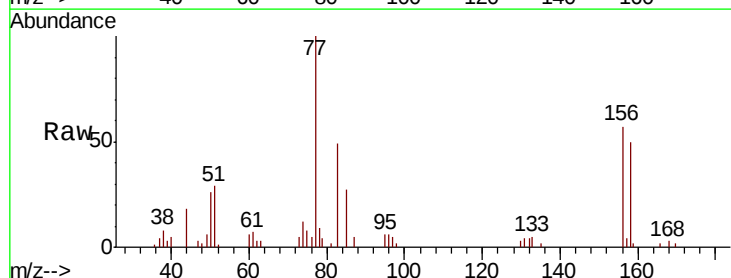
Tgt Ion: 83 Resp: 5897

Ion Ratio Lower Upper

83 100

131 8.1 7.2 10.8

85 60.9 50.0 75.0



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

5000

4000

3000

2000

1000

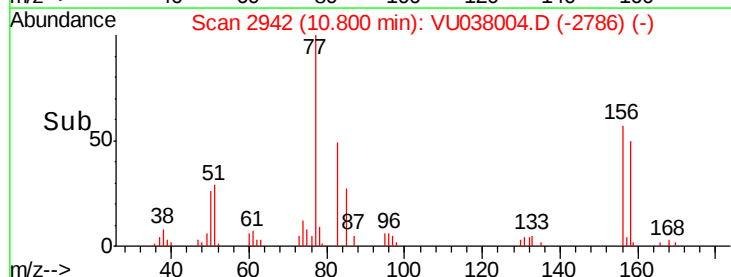
0

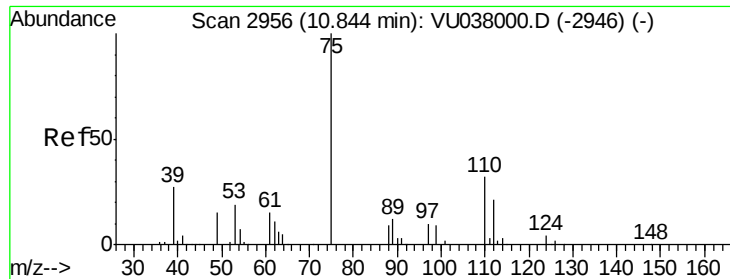
10.75

10.80

10.85

Time-->

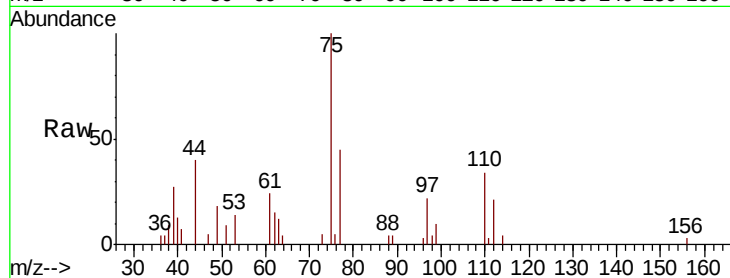




#71  
 1,2,3-Trichloropropane  
 Concen: 0.415 ug/l  
 RT: 10.84 min Scan# 2955  
 Delta R.T. -0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

Instrument :  
 MSVOA\_U  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 7355  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 37.5  | 0.0   | 108.6 |
| 110      | 22.8  | 0.0   | 79.4  |
| 97       | 13.1  | 0.0   | 40.4  |



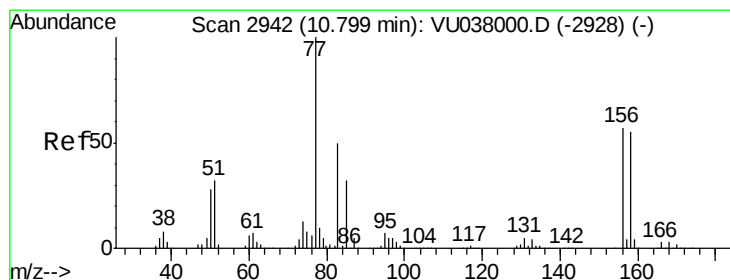
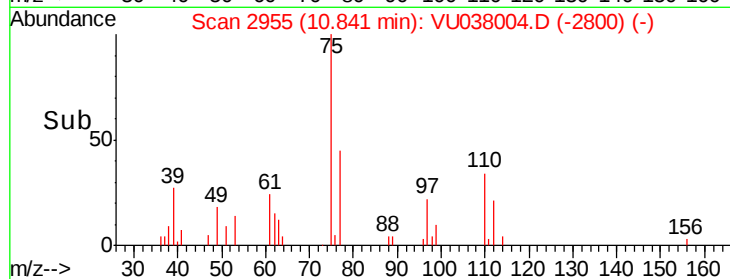
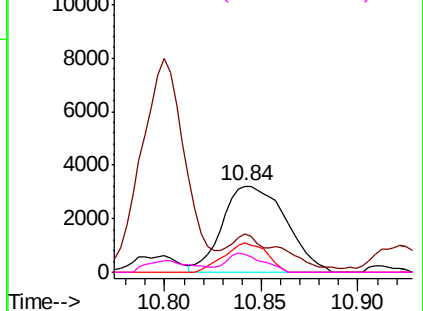
Abundance

Ion 75.00 (74.70 to 75.70): VU038000.D (-2946) (-)

Ion 77.00 (76.70 to 77.70): VU038000.D (-2946) (-)

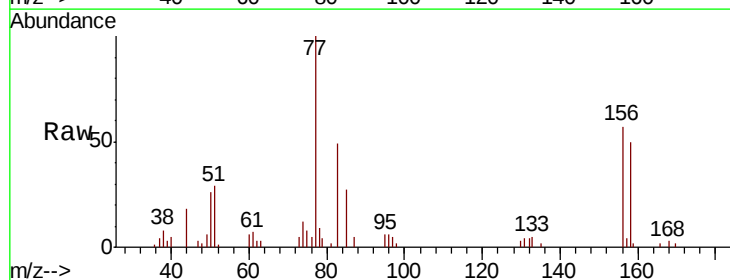
Ion 110.00 (109.70 to 110.70): VU038000.D (-2946) (-)

Ion 97.00 (96.70 to 97.70): VU038000.D (-2946) (-)



#72  
 Bromobenzene  
 Concen: 0.277 ug/l  
 RT: 10.80 min Scan# 2942  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 156   | Resp: | 7621  |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 164.6 | 0.0   | 355.6 |
| 158      | 83.4  | 0.0   | 194.0 |

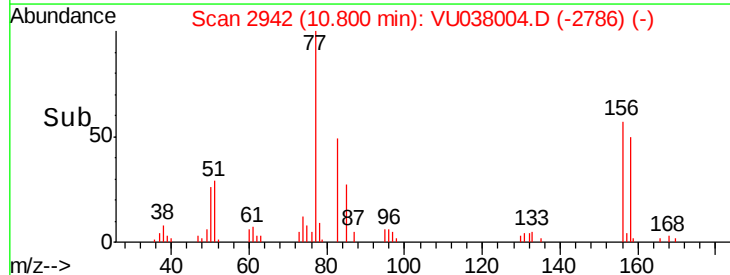
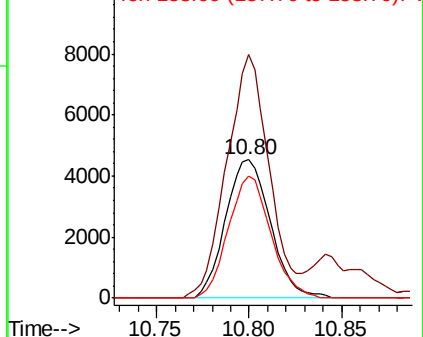


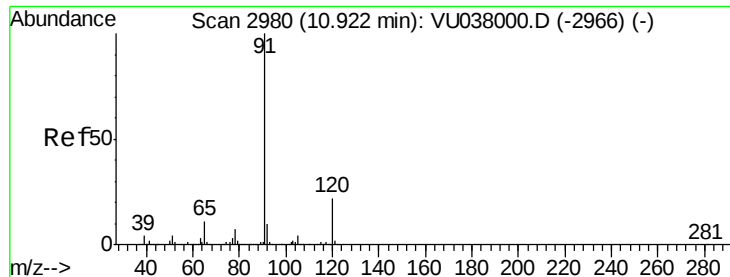
Abundance

Ion 156.00 (155.70 to 156.70): VU038000.D (-2928) (-)

Ion 77.00 (76.70 to 77.70): VU038000.D (-2928) (-)

Ion 158.00 (157.70 to 158.70): VU038000.D (-2928) (-)





#73

n-propylbenzene

Concen: 0.233 ug/l

RT: 10.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

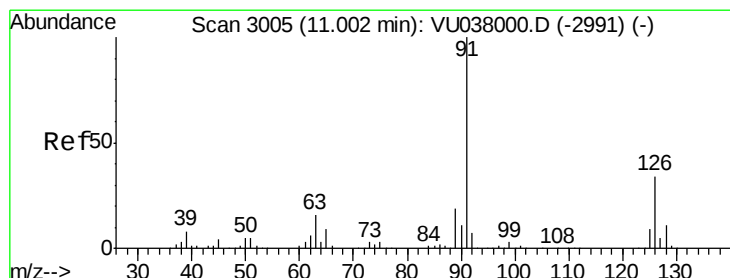
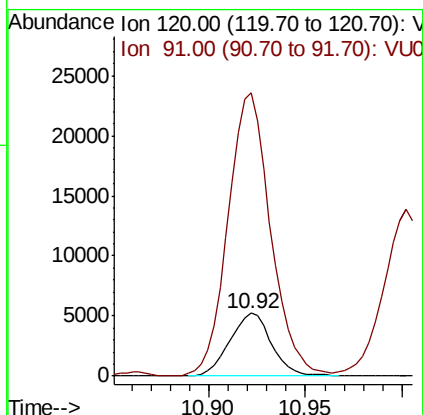
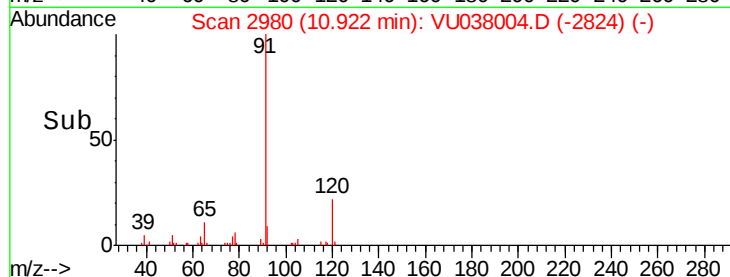
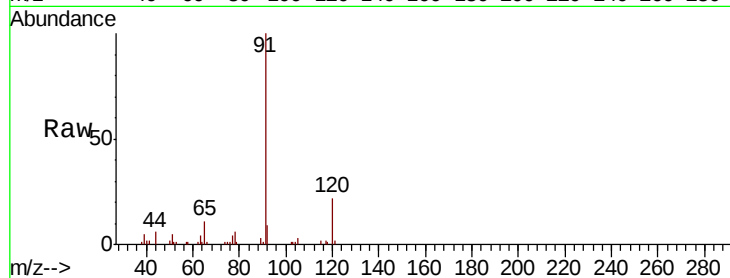
ClientSampleId :

Tot Ion:120 Resp: 7885

Ion Ratio Lower Upper

120 100

91 458.5 355.4 533.0



#74

2-Chlorotoluene

Concen: 0.233 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU038004.D

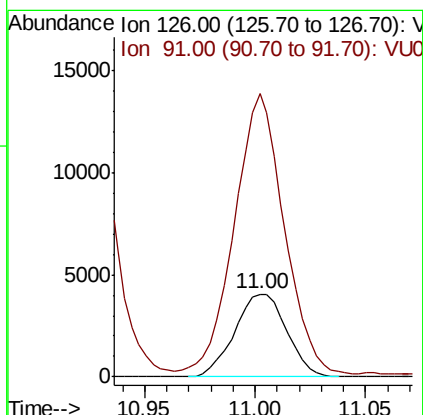
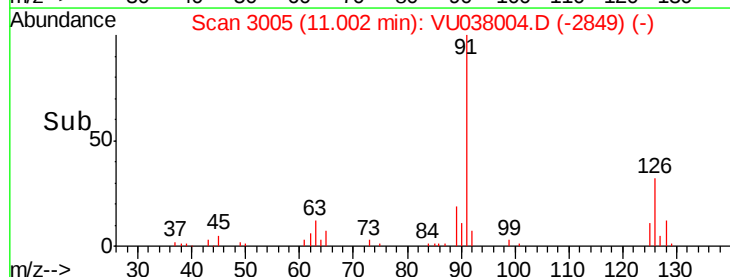
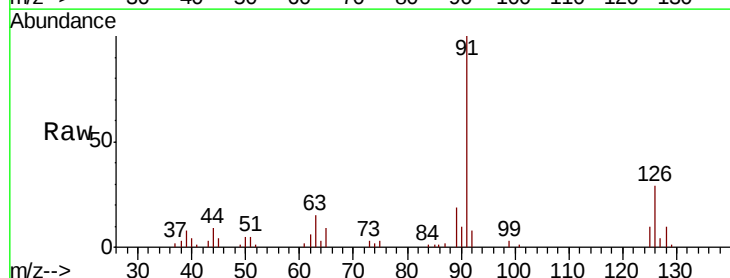
Acq: 04 May 2020 16:23

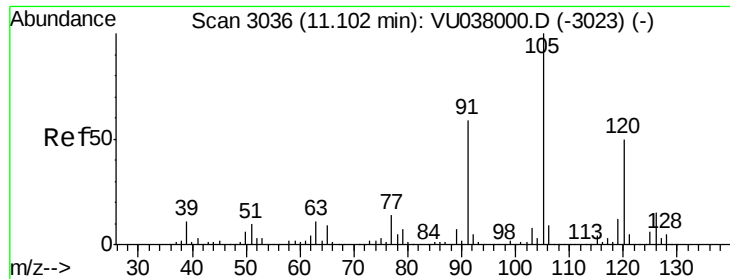
Tgt Ion:126 Resp: 6604

Ion Ratio Lower Upper

126 100

91 327.5 0.0 625.8





#75

1,3,5-Trimethylbenzene

Concen: 0.226 ug/l

RT: 11.10 min Scan# 3036

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

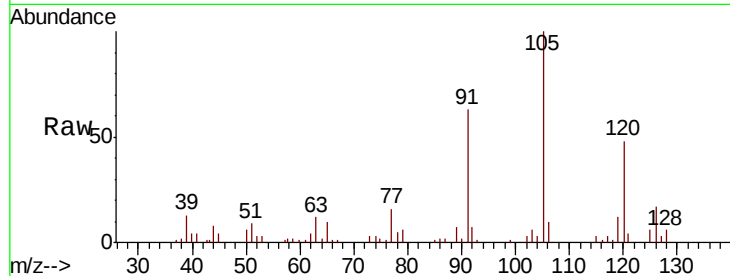
ClientSampled :

Tot Ion:105 Resp: 23109

Ion Ratio Lower Upper

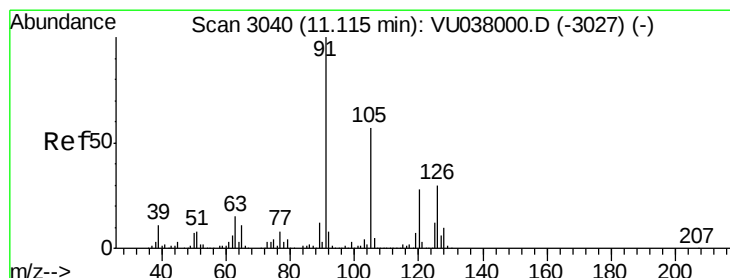
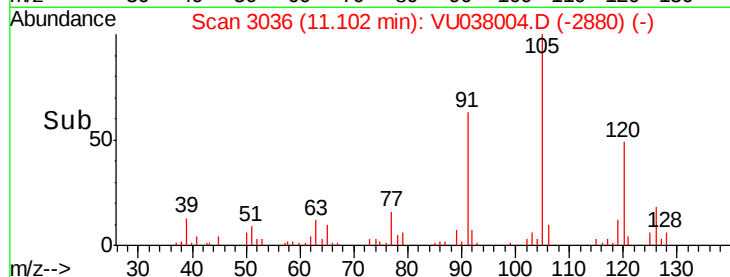
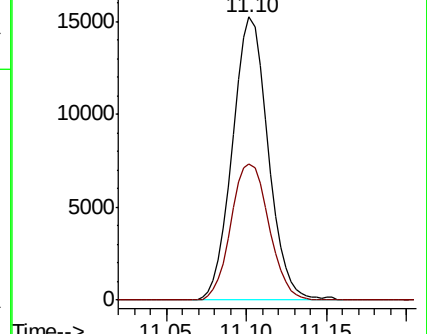
105 100

120 51.2 39.8 59.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 0.254 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. 0.00 min

Lab File: VU038004.D

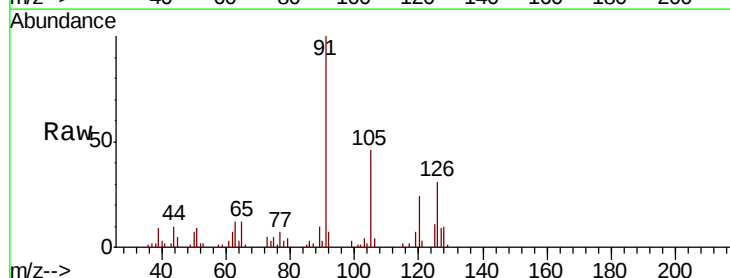
Acq: 04 May 2020 16:23

Tgt Ion:126 Resp: 7482

Ion Ratio Lower Upper

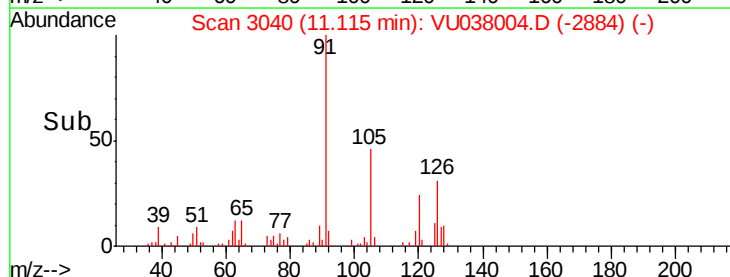
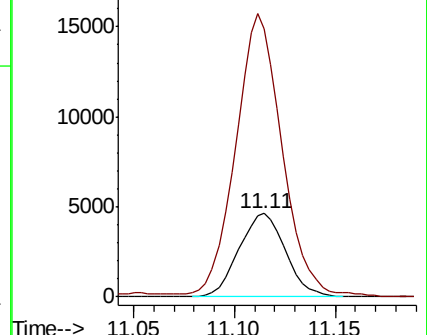
126 100

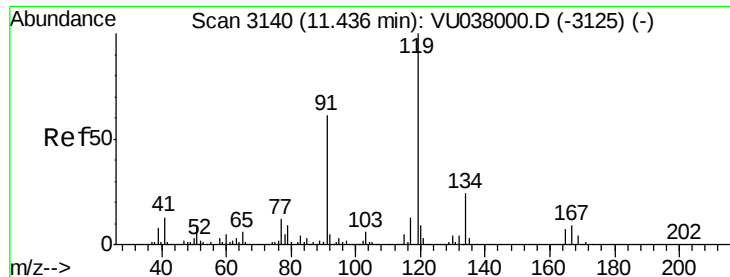
91 340.3 0.0 698.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 0.232 ug/l

RT: 11.43 min Scan# 3139

Delta R.T. -0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

ClientSampled :

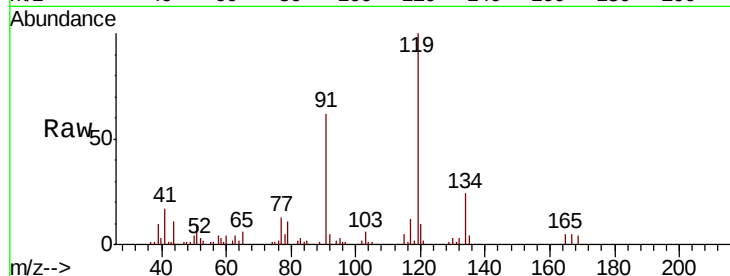
Tot Ion:119 Resp: 22533

Ion Ratio Lower Upper

119 100

91 63.1 30.1 90.5

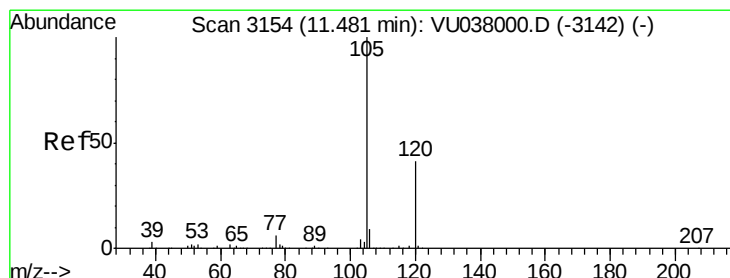
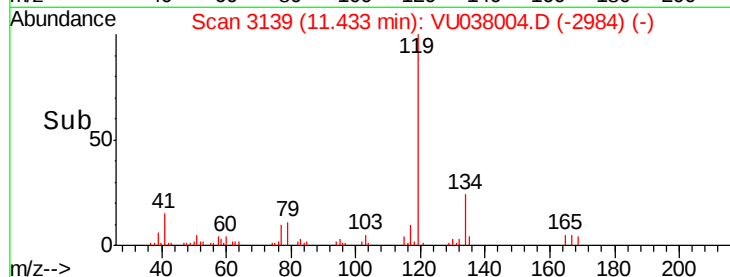
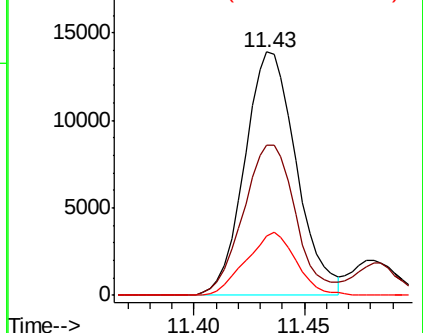
134 25.0 19.0 28.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 0.234 ug/l

RT: 11.48 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VU038004.D

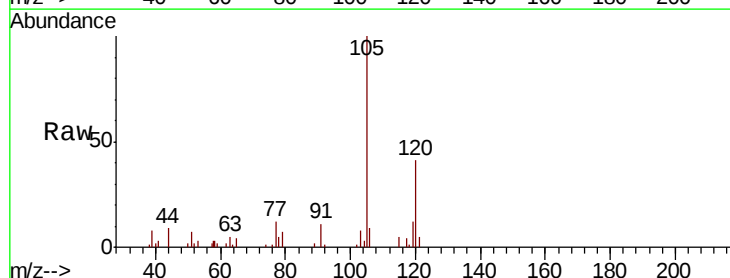
Acq: 04 May 2020 16:23

Tgt Ion:105 Resp: 24598

Ion Ratio Lower Upper

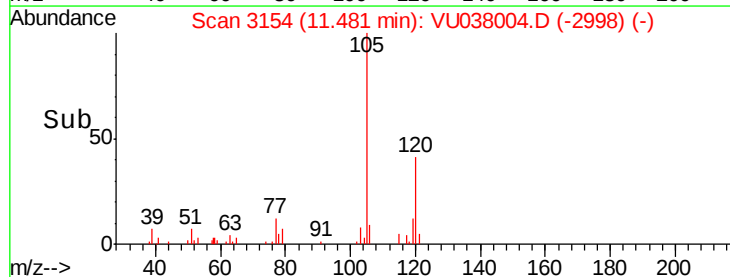
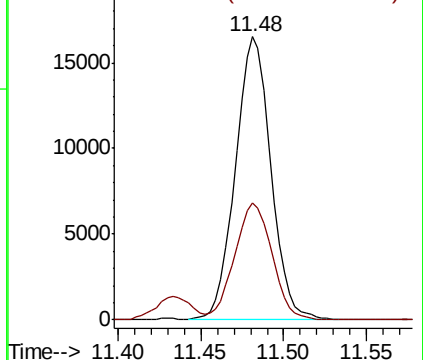
105 100

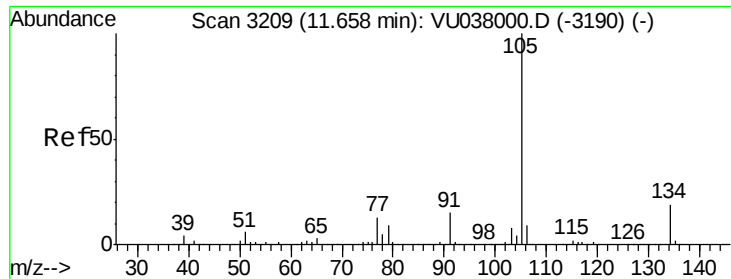
120 43.5 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 0.224 ug/l

RT: 11.66 min Scan# 3209

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

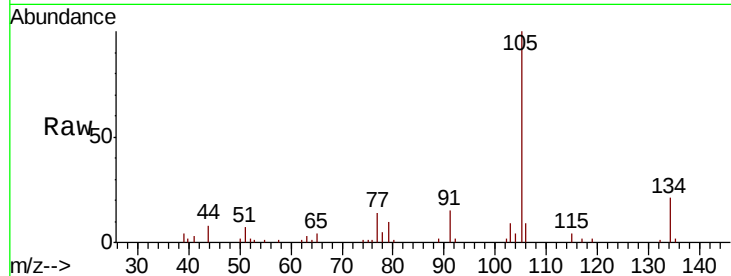
ClientSampled :

Tot Ion: 105 Resp: 31192

Ion Ratio Lower Upper

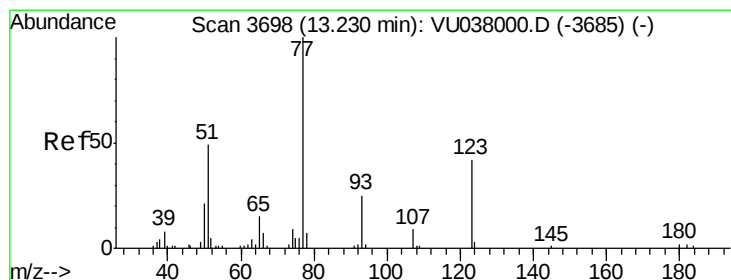
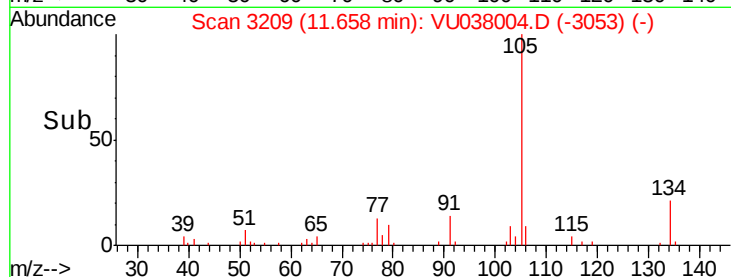
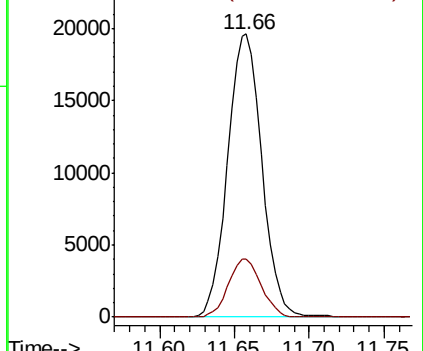
105 100

134 19.6 15.4 23.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 1.150 ug/l

RT: 13.23 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

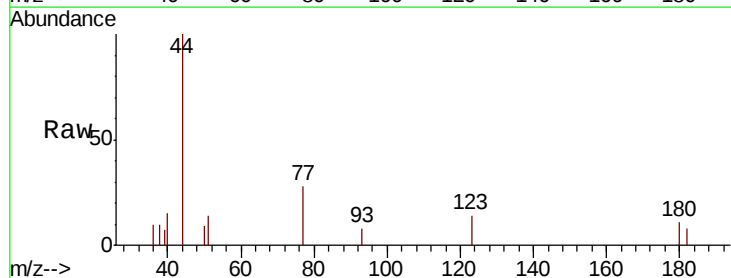
Tgt Ion: 77 Resp: 817

Ion Ratio Lower Upper

77 100

123 34.5 17.6 62.6

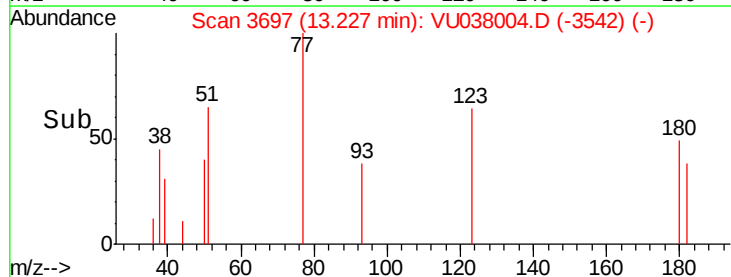
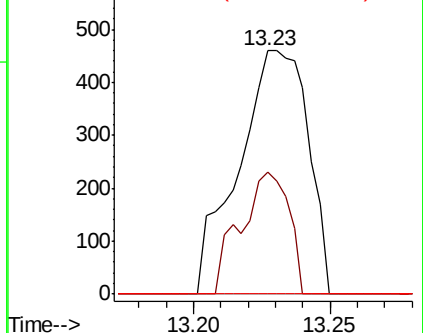
65 0.0 13.2 16.8#

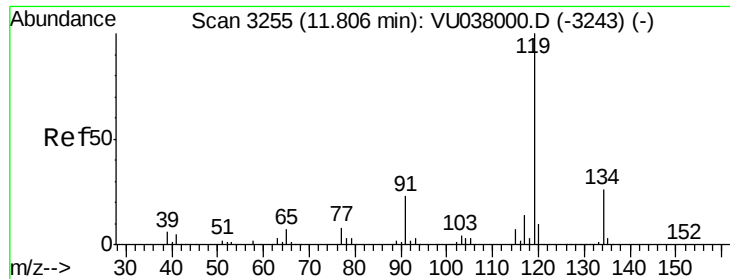


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

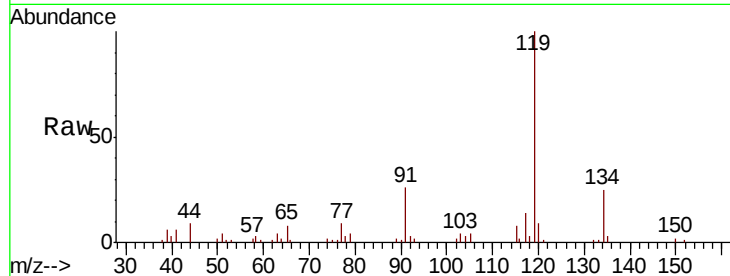




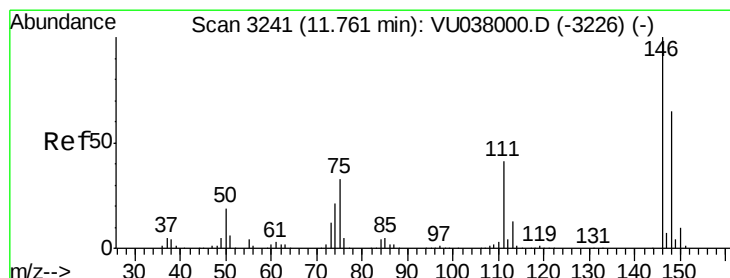
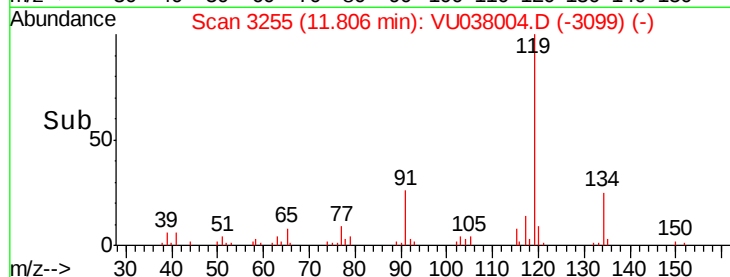
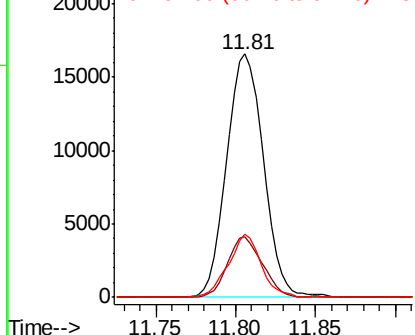
#81  
 p-Isopropyltoluene  
 Concen: 0.233 ug/l  
 RT: 11.81 min Scan# 3255  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Tot Ion:119 Resp: 26110  
 Ion Ratio Lower Upper  
 119 100  
 134 23.3 20.6 31.0  
 91 23.0 18.6 28.0

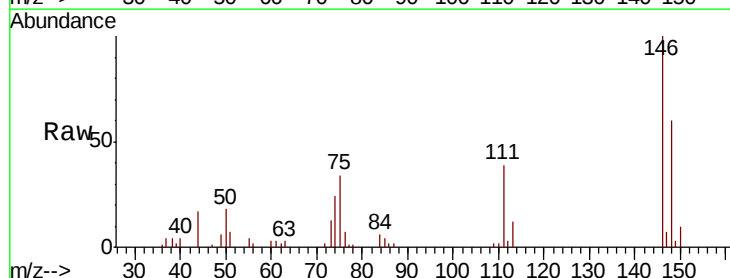


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 134.00 (133.70 to 134.70): V  
 Ion 91.00 (90.70 to 91.70): V

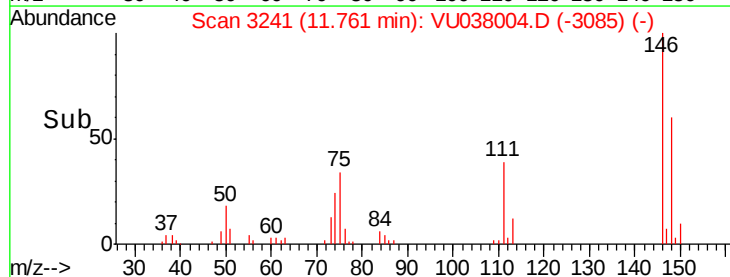
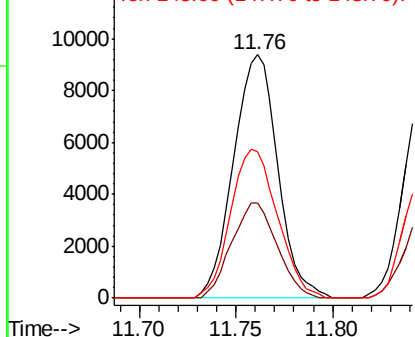


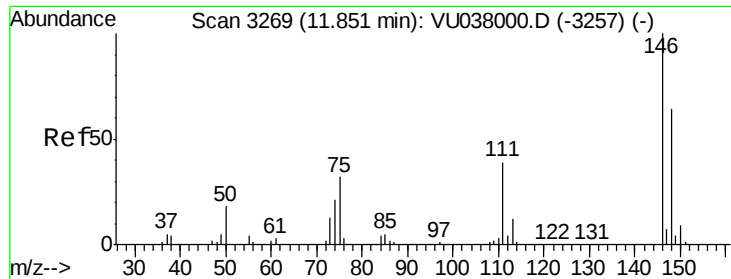
#82  
 1,3-Dichlorobenzene  
 Concen: 0.262 ug/l  
 RT: 11.76 min Scan# 3241  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

Tgt Ion:146 Resp: 14951  
 Ion Ratio Lower Upper  
 146 100  
 111 40.0 33.0 49.4  
 148 64.7 51.4 77.2



Abundance Ion 146.00 (145.70 to 146.70): V  
 Ion 111.00 (110.70 to 111.70): V  
 Ion 148.00 (147.70 to 148.70): V

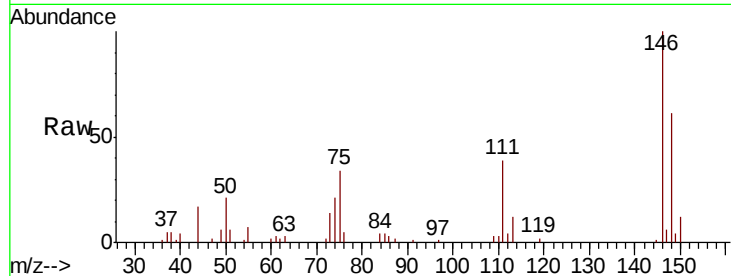




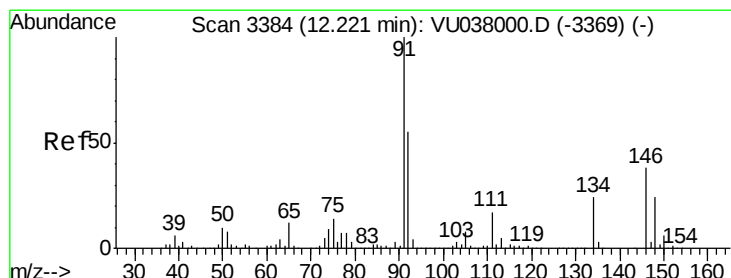
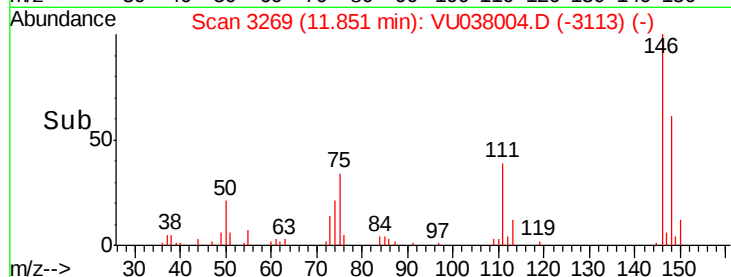
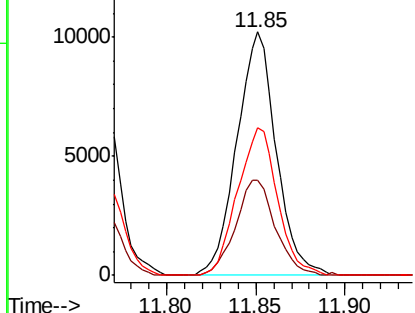
#83  
 1,4-Dichlorobenzene  
 Concen: 0.273 ug/l  
 RT: 11.85 min Scan# 3269  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

Instrument :  
 MSVOA\_U  
 ClientSampled :

Tot Ion:146 Resp: 15742  
 Ion Ratio Lower Upper  
 146 100  
 111 39.3 31.8 47.6  
 148 61.7 51.2 76.8

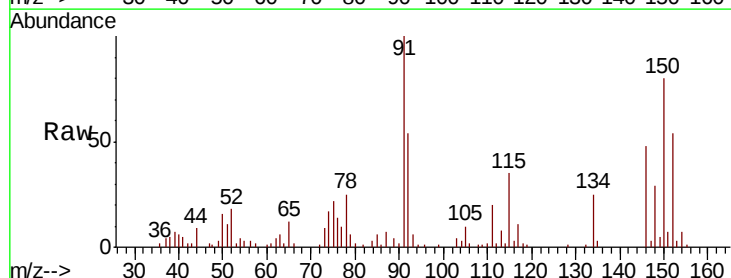


Abundance Ion 146.00 (145.70 to 146.70): V  
 Ion 111.00 (110.70 to 111.70): V  
 Ion 148.00 (147.70 to 148.70): V

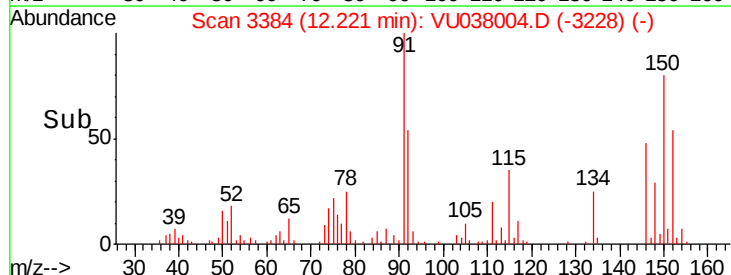
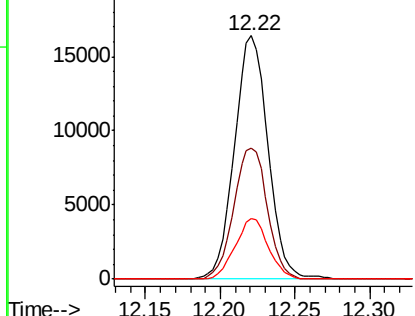


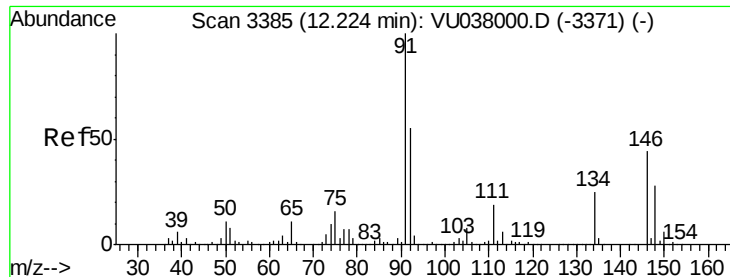
#84  
 n-Butylbenzene  
 Concen: 0.229 ug/l  
 RT: 12.22 min Scan# 3384  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

Tgt Ion: 91 Resp: 25687  
 Ion Ratio Lower Upper  
 91 100  
 92 53.5 43.8 65.6  
 134 24.4 19.4 29.2



Abundance Ion 91.00 (90.70 to 91.70): VU0  
 Ion 92.00 (91.70 to 92.70): VU0  
 Ion 134.00 (133.70 to 134.70): V

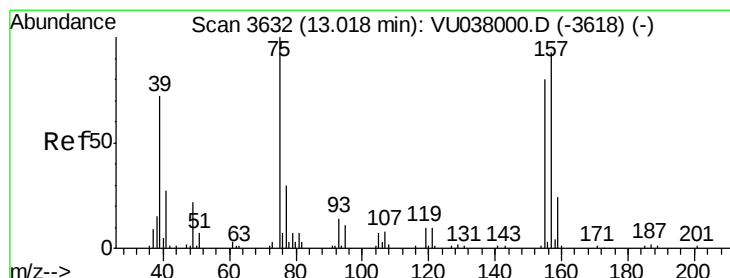
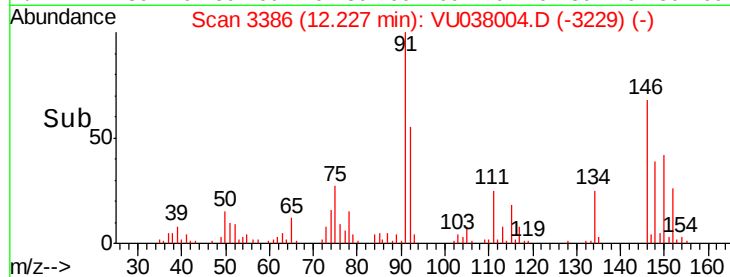
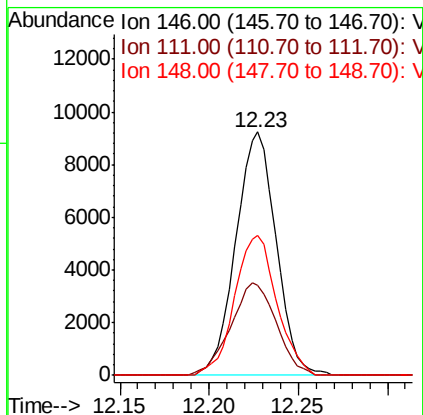
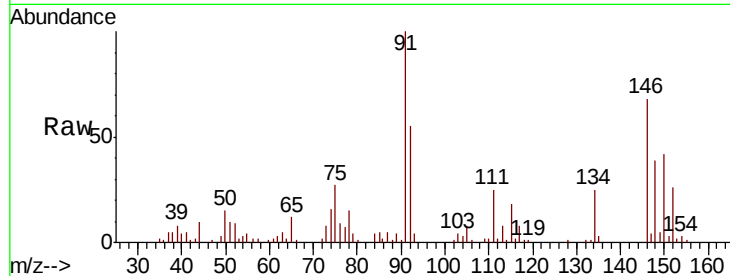




#85  
 1,2-Dichlorobenzene  
 Concen: 0.274 ug/l  
 RT: 12.23 min Scan# 3386  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

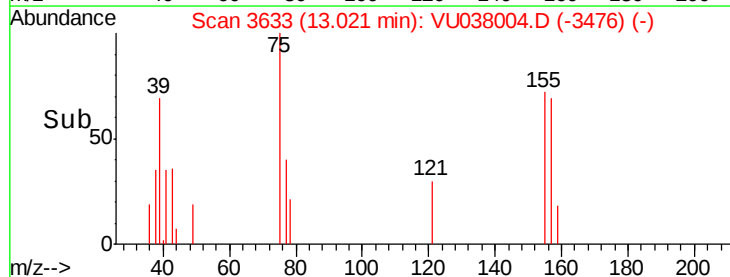
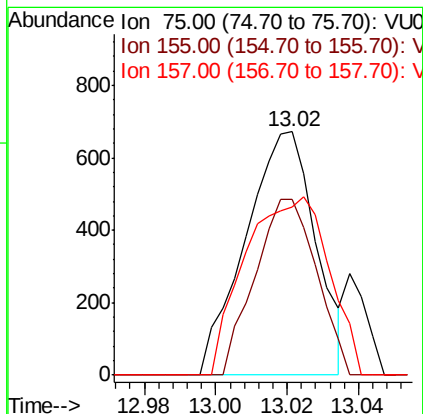
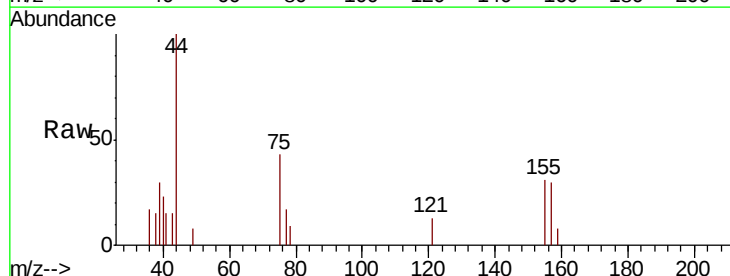
Instrument :  
 MSVOA\_U  
 ClientSampleId :

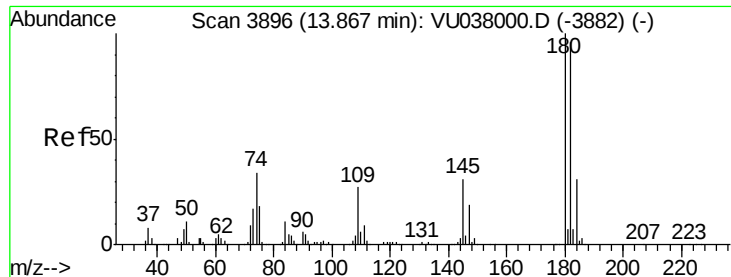
Tot Ion:146 Resp: 14516  
 Ion Ratio Lower Upper  
 146 100  
 111 43.0 21.9 65.8  
 148 59.9 31.8 95.4



#86  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.243 ug/l  
 RT: 13.02 min Scan# 3633  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

Tgt Ion: 75 Resp: 916  
 Ion Ratio Lower Upper  
 75 100  
 155 63.2 60.9 91.3  
 157 87.0 78.1 117.1

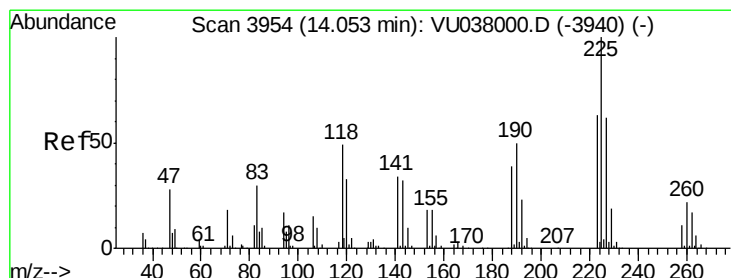
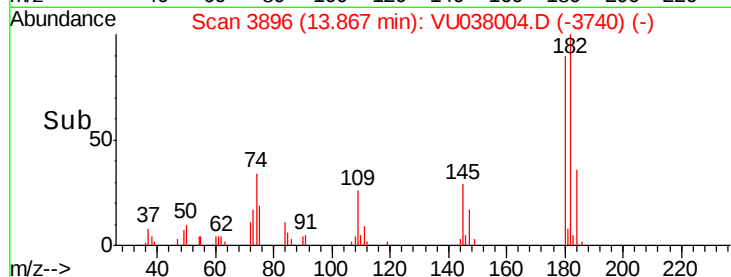
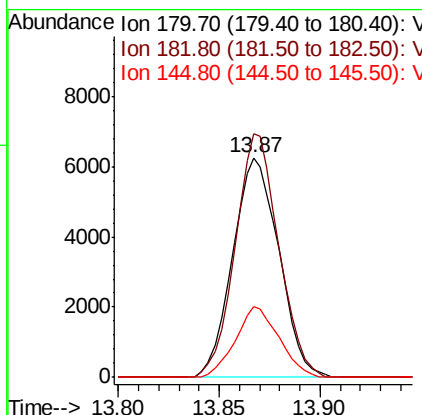
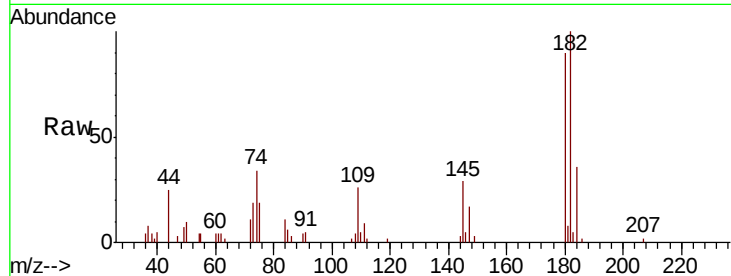




#87  
 1,2,4-Trichlorobenzene  
 Concen: 0.258 ug/l  
 RT: 13.87 min Scan# 3896  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

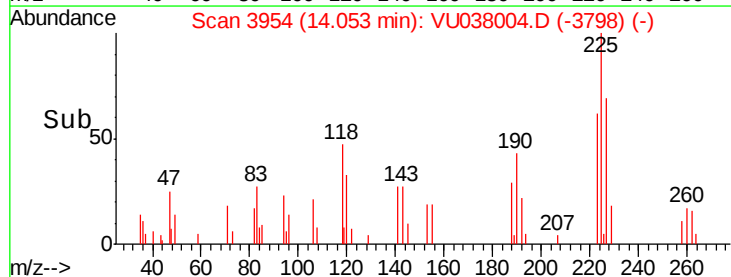
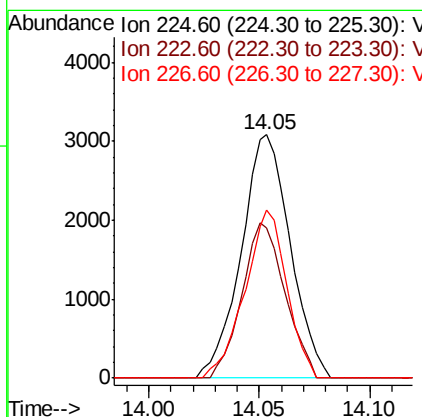
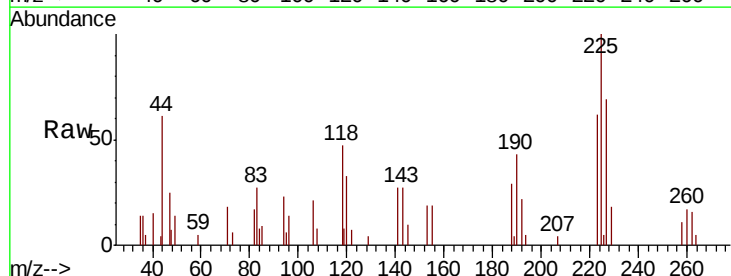
Instrument :  
 MSVOA\_U  
 ClientSampleId :

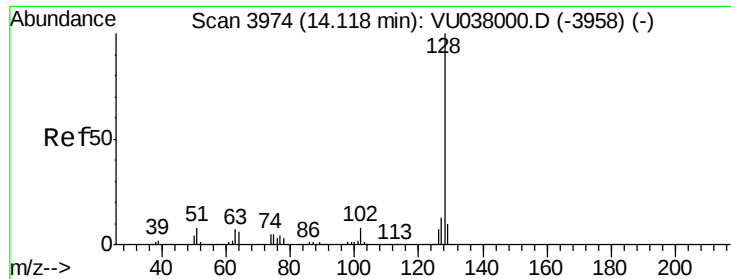
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 104.3 | 76.9  | 115.3 |
| 145     | 30.4  | 24.7  | 37.1  |



#88  
 Hexachlorobutadiene  
 Concen: 0.275 ug/l  
 RT: 14.05 min Scan# 3954  
 Delta R.T. 0.00 min  
 Lab File: VU038004.D  
 Acq: 04 May 2020 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 56.3  | 51.3  | 76.9  |
| 227     | 59.0  | 49.2  | 73.8  |





#89

Naphthalene

Concen: 0.256 ug/l

RT: 14.12 min Scan# 3974

Delta R.T. 0.00 min

Lab File: VU038004.D

Acq: 04 May 2020 16:23

Instrument :

MSVOA\_U

ClientSampleId :

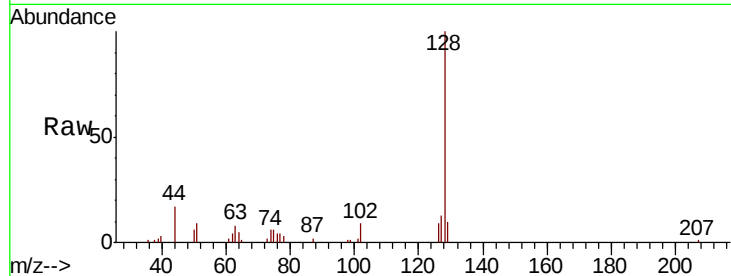
Tot Ion:128 Resp: 19063

Ion Ratio Lower Upper

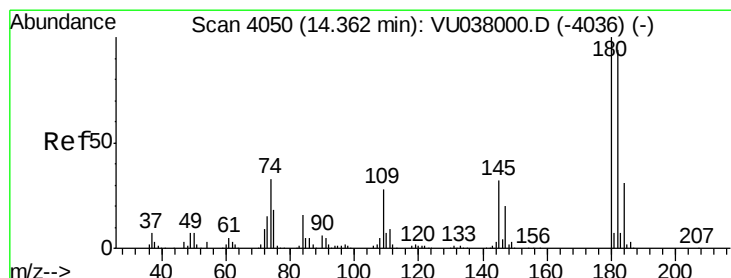
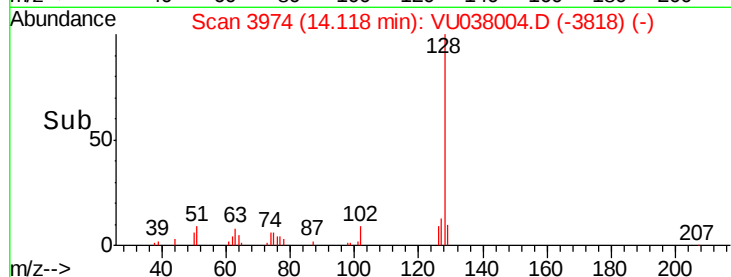
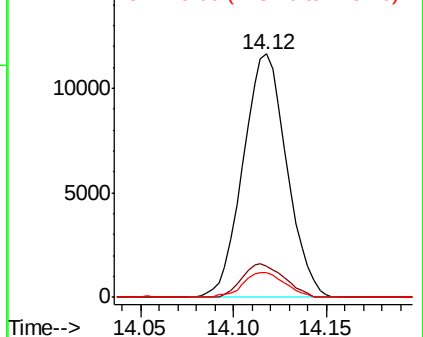
128 100

127 13.3 10.4 15.6

129 9.8 8.6 12.8



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



#90

1,2,3-Trichlorobenzene

Concen: 0.281 ug/l

RT: 14.36 min Scan# 4049

Delta R.T. -0.00 min

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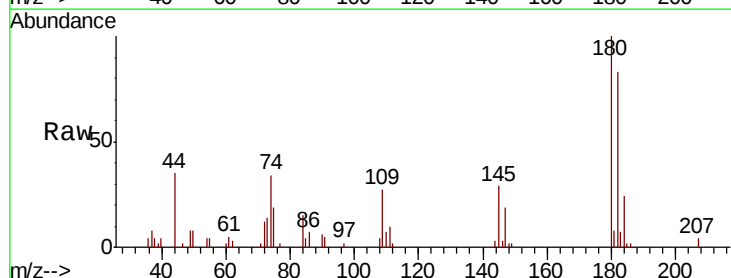
Tgt Ion:180 Resp: 9703

Ion Ratio Lower Upper

180 100

182 87.8 75.9 113.9

145 28.2 26.0 39.0



Abundance Ion 179.70 (179.40 to 180.40): V  
Ion 181.70 (181.40 to 182.40): V  
Ion 144.80 (144.50 to 145.50): V

