

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\  
 Data File : VU040163.D  
 Acq On : 16 Sep 2020 21:54  
 Operator : SY/MD  
 Sample : L4046-01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BG0N9

Quant Time: Sep 17 02:08:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR083120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Sep 17 02:07:00 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 110900   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 108804   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 51495    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 26996    | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 89.20%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 25331    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 100.40% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 47056    | 3.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 60.60%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 82381    | 34.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 68.04%  |
| 24) Chloroform-d               | 5.09   | 84    | 63339    | 4.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 39067    | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.40%  |
| 32) Benzene-d6                 | 5.75   | 84    | 115330   | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.71   | 67    | 38177    | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 91.20%  |
| 41) Toluene-d8                 | 7.91   | 98    | 94885    | 4.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.60%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 16005    | 4.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 82719    | 45.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 90.80%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 34776    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 41719    | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.20% |

## Target Compounds

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Ovalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 3) Chloromethane              | 1.53 | 50   | 1109     | 0.105   | ug/L   | 93     |
| 5) Vinyl chloride             | 1.61 | 62   | 579      | 0.054   | ug/L # | 1      |
| 8) Chloroethane               | 1.94 | 64   | 16923    | 2.636   | ug/L   | 97     |
| 13) Acetone                   | 2.39 | 43   | 254281   | 113.417 | ug/L   | 53     |
| 14) Carbon disulfide          | 2.82 | 76   | 3825     | 0.139   | ug/L   | 96     |
| 16) Methylene chloride        | 3.06 | 84   | 1856     | 0.165   | ug/L # | 69     |
| 17) Methyl tert-butyl Ether   | 3.38 | 73   | 14876    | 0.575   | ug/L # | 33     |
| 18) trans-1,2-Dichloroethene  | 3.37 | 96   | 1498     | 0.162   | ug/L   | 91     |
| 19) 1,1-Dichloroethane        | 3.89 | 63   | 6382     | 0.336   | ug/L   | 95     |
| 27) 1,2-Dichloroethane        | 5.80 | 62   | 153573   | 10.771  | ug/L # | 78     |
| 30) Cyclohexane               | 5.41 | 56   | 22636    | 1.366   | ug/L   | 99     |
| 33) Benzene                   | 5.80 | 78   | 15167738 | 389.677 | ug/L   | 100    |
| 35) Methylcyclohexane         | 6.77 | 83   | 11423    | 0.714   | ug/L   | 99     |
| 38) Bromodichloromethane      | 7.16 | 83   | 584      | 0.041   | ug/L # | 25     |
| 39) cis-1,3-Dichloropropene   | 7.63 | 75   | 2310     | 0.149   | ug/L   | 93     |
| 42) Toluene                   | 7.98 | 91   | 59195    | 1.477   | ug/L   | 99     |
| 44) trans-1,3-Dichloropropene | 8.18 | 75   | 701      | 0.049   | ug/L # | 78     |

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 BG0N9

Quant Time: Sep 17 02:08:36 2020  
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 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Sep 17 02:07:00 2020  
 Response via : Initial Calibration

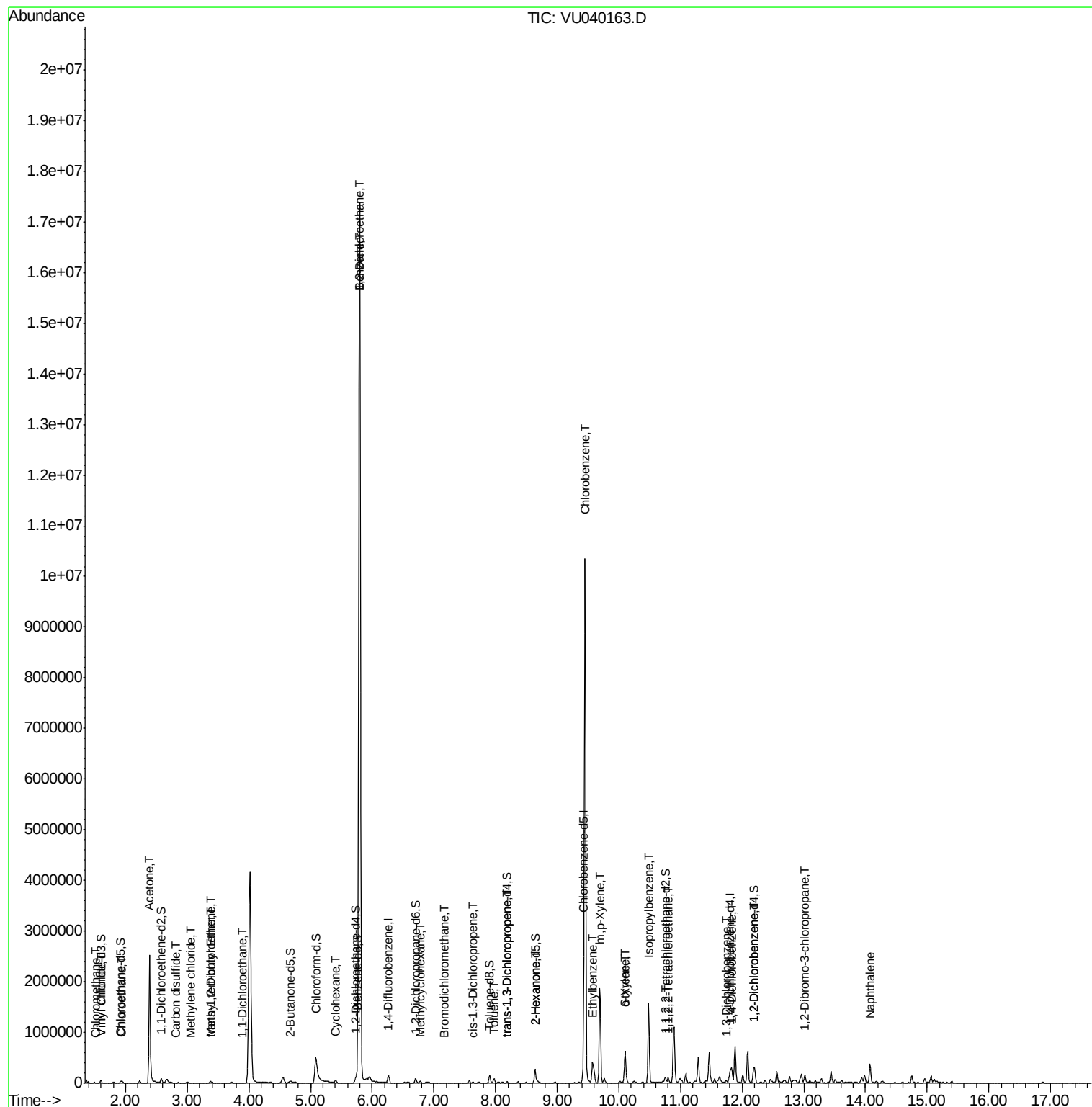
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 48) 2-Hexanone                 | 8.64  | 43   | 61335    | 9.724   | ug/L # | 48       |
| 51) Chlorobenzene              | 9.45  | 112  | 4899401  | 196.863 | ug/L   | 98       |
| 52) Ethylbenzene               | 9.57  | 91   | 235477   | 5.170   | ug/L   | 98       |
| 53) m,p-Xylene                 | 9.69  | 106  | 483540   | 29.819  | ug/L   | 99       |
| 54) o-Xylene                   | 10.10 | 106  | 131625   | 8.518   | ug/L   | 98       |
| 55) Styrene                    | 10.10 | 104  | 9128     | 0.340   | ug/L # | 1        |
| 56) Isopropylbenzene           | 10.48 | 105  | 946379   | 22.457  | ug/L   | 99       |
| 58) 1,1,2,2-Tetrachloroethane  | 10.80 | 83   | 2155     | 0.219   | ug/L # | 50       |
| 62) 1,3-Dichlorobenzene        | 11.74 | 146  | 7588     | 0.403   | ug/L   | 95       |
| 63) 1,4-Dichlorobenzene        | 11.83 | 146  | 97712    | 5.131   | ug/L   | 96       |
| 65) 1,2-Dichlorobenzene        | 12.20 | 146  | 72208    | 3.965   | ug/L   | 97       |
| 66) 1,2-Dibromo-3-chloropropan | 13.01 | 75   | 763      | 0.392   | ug/L # | 8        |
| 69) Naphthalene                | 14.08 | 128  | 274979   | 11.573  | ug/L   | 100      |

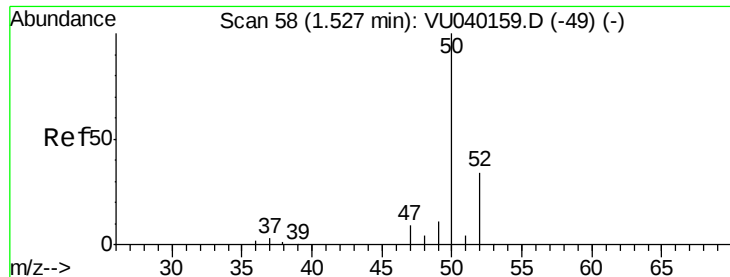
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.105 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040163.D

Acq: 16 Sep 2020 21:54

Instrument :

MSVOA\_U

ClientSampled :

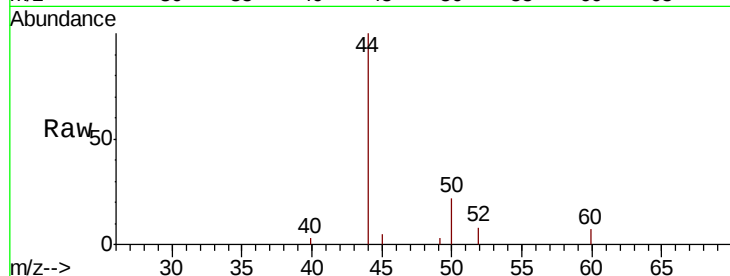
BG0N9

Tot Ion: 50 Resp: 1109

Ion Ratio Lower Upper

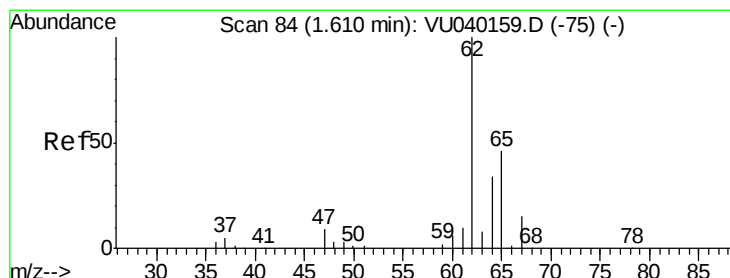
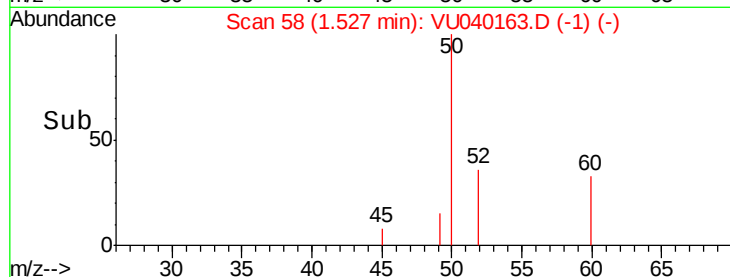
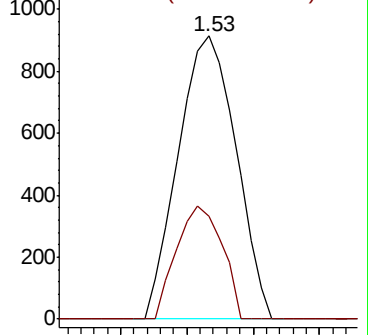
50 100

52 36.4 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 0.054 ug/L

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

Lab File: VU040163.D

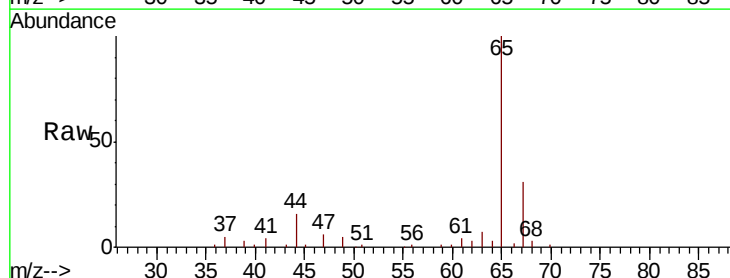
Acq: 16 Sep 2020 21:54

Tgt Ion: 62 Resp: 579

Ion Ratio Lower Upper

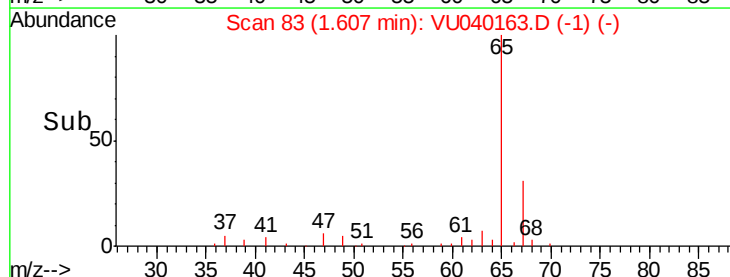
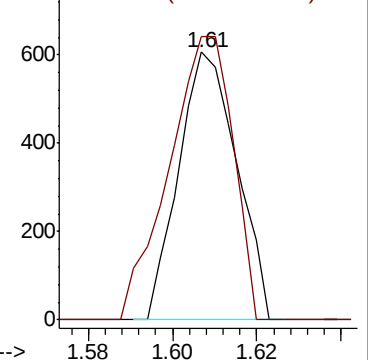
62 100

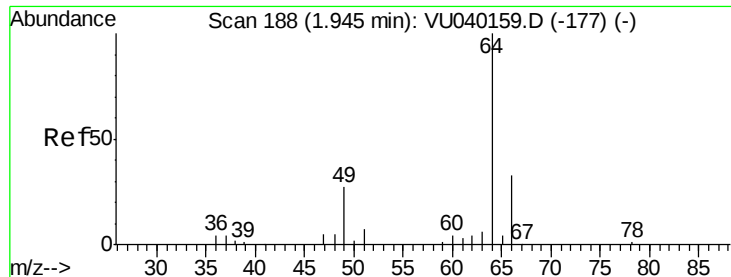
64 105.8 23.9 44.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#8

Chloroethane

Concen: 2.636 ug/L

RT: 1.94 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU040163.D

Acq: 16 Sep 2020 21:54

Instrument :

MSVOA\_U

ClientSampled :

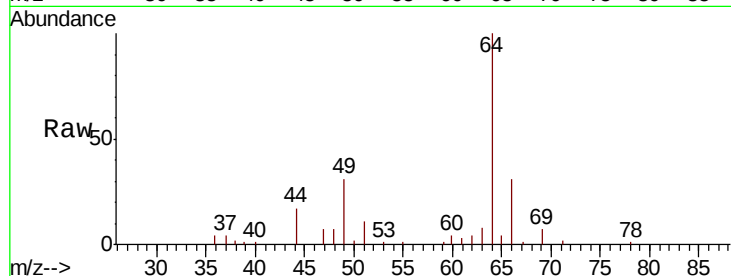
BG0N9

Tot Ion: 64 Resp: 16923

Ion Ratio Lower Upper

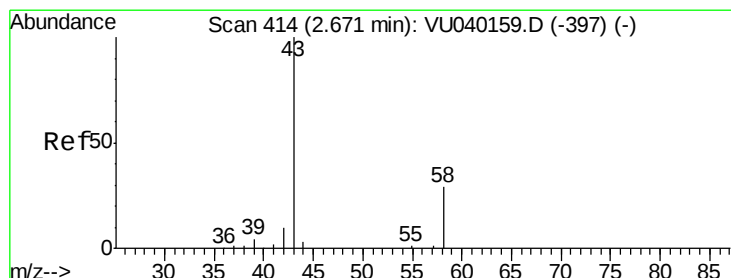
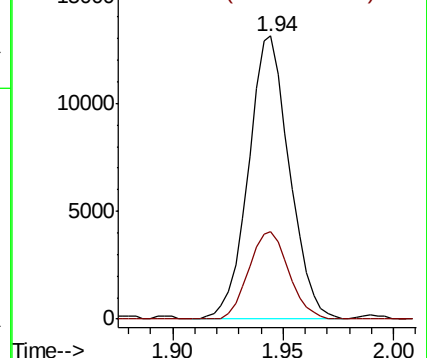
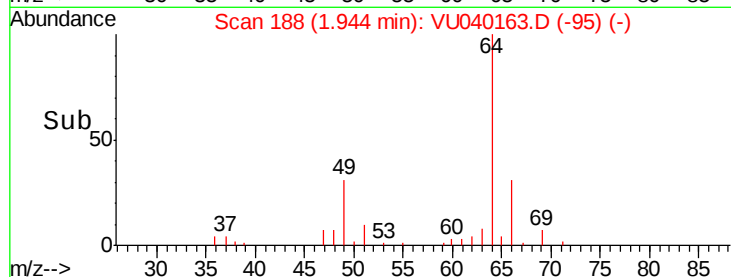
64 100

66 30.8 22.7 42.1



Abundance Ion 64.10 (63.80 to 64.80): VU040163.D (-95) (-)

Ion 66.05 (65.75 to 66.75): VU040163.D (-95) (-)



#13

Acetone

Concen: 113.417 ug/L

RT: 2.39 min Scan# 326

Delta R.T. -0.28 min

Lab File: VU040163.D

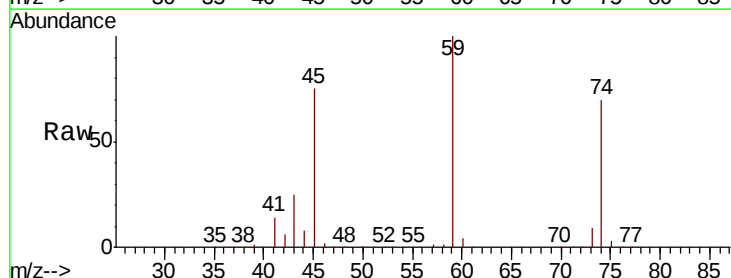
Acq: 16 Sep 2020 21:54

Tgt Ion: 43 Resp: 254281

Ion Ratio Lower Upper

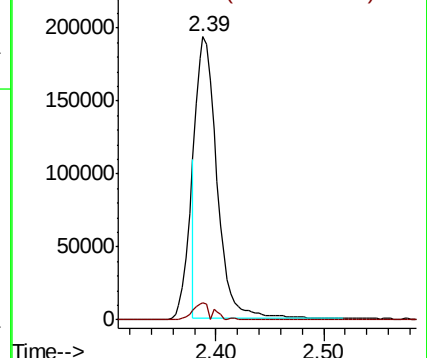
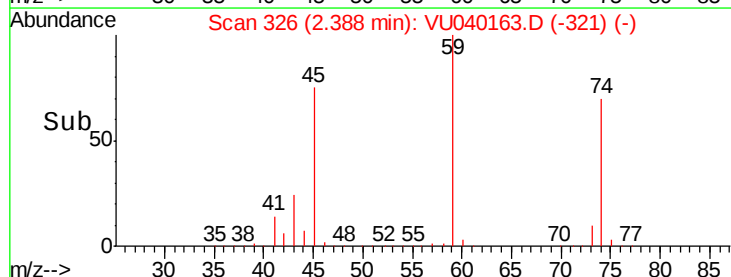
43 100

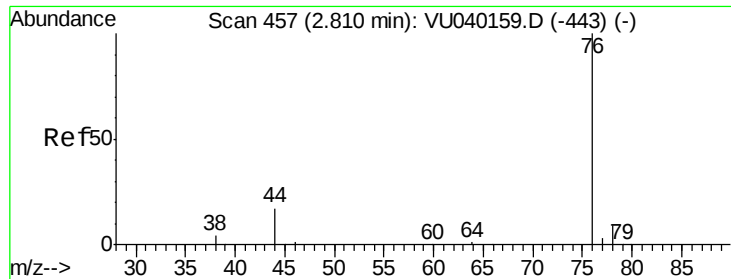
58 3.2 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040163.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU040163.D (-321) (-)





#14

Carbon disulfide

Concen: 0.139 ug/L

RT: 2.82 min Scan# 460

Delta R.T. 0.01 min

Lab File: VU040163.D

Acq: 16 Sep 2020 21:54

Instrument :

MSVOA\_U

ClientSampleId :

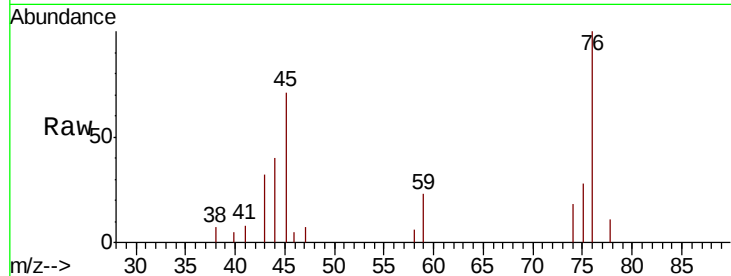
BG0N9

Tot Ion: 76 Resp: 3825

Ion Ratio Lower Upper

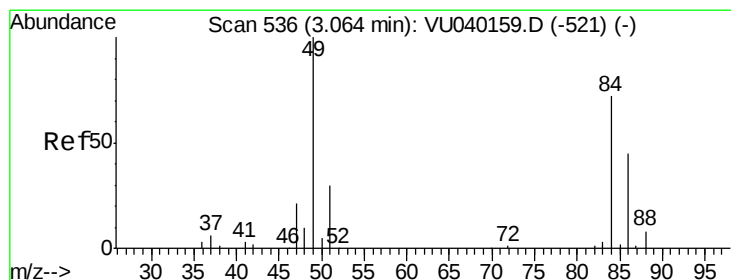
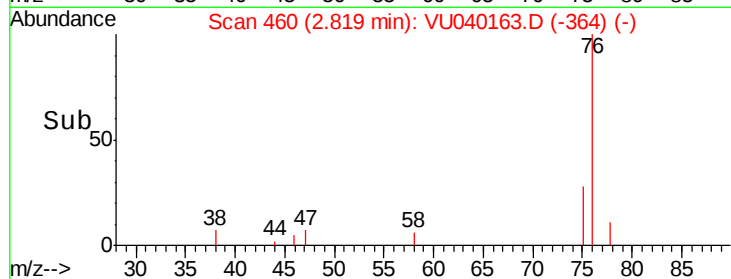
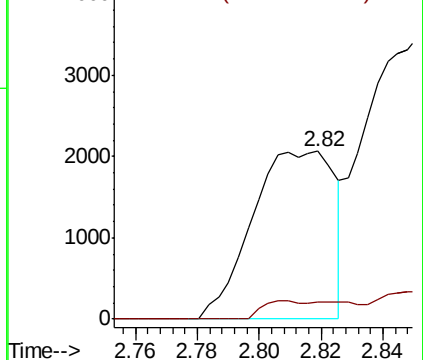
76 100

78 10.6 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU040159.D (-443) (-)

Ion 78.00 (77.70 to 78.70): VU040159.D (-443) (-)



#16

Methylene chloride

Concen: 0.165 ug/L

RT: 3.06 min Scan# 536

Delta R.T. -0.00 min

Lab File: VU040163.D

Acq: 16 Sep 2020 21:54

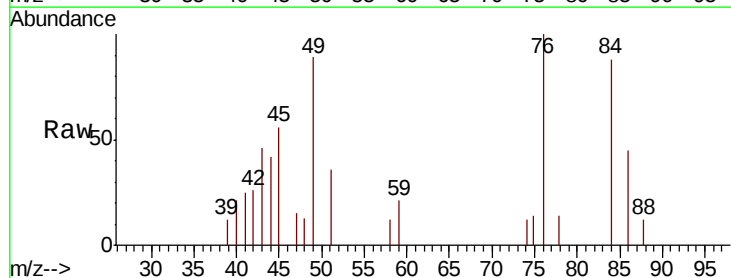
Tgt Ion: 84 Resp: 1856

Ion Ratio Lower Upper

84 100

86 51.0 45.2 84.0

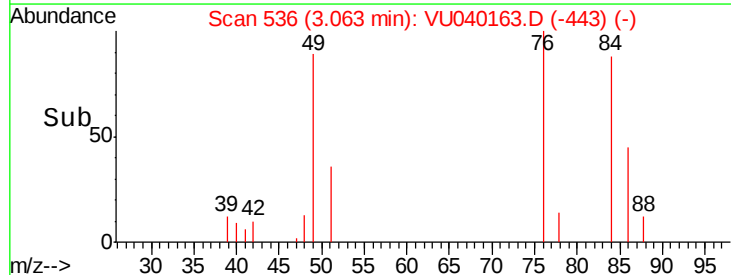
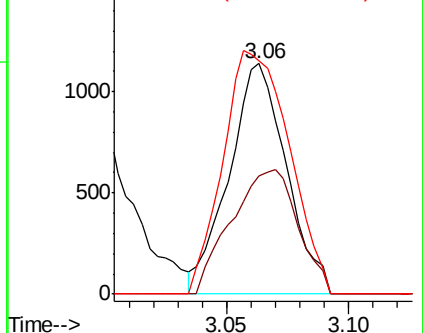
49 101.4 104.0 193.2#

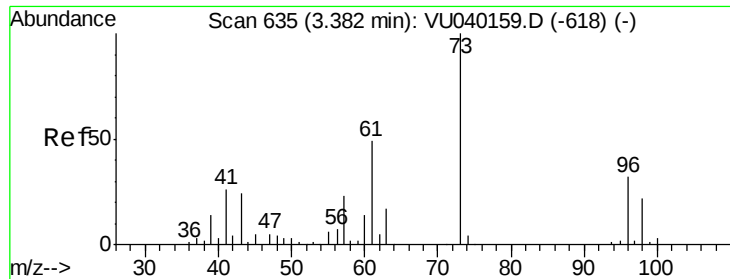


Abundance Ion 84.05 (83.75 to 84.75): VU040159.D (-521) (-)

Ion 86.00 (85.70 to 86.70): VU040159.D (-521) (-)

Ion 49.10 (48.80 to 49.80): VU040159.D (-521) (-)

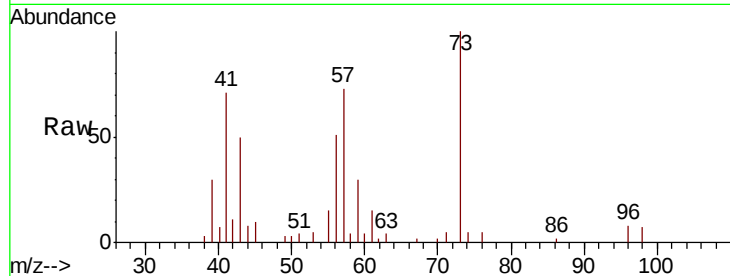




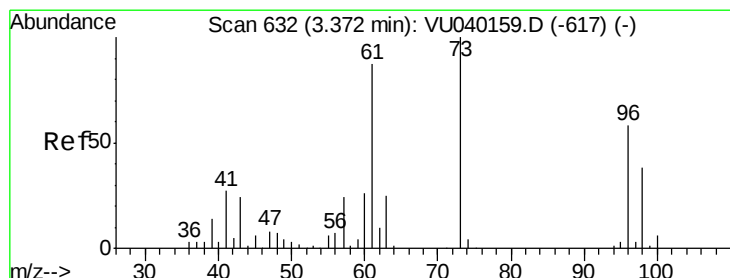
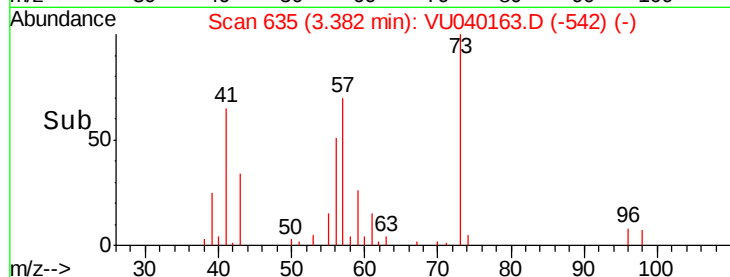
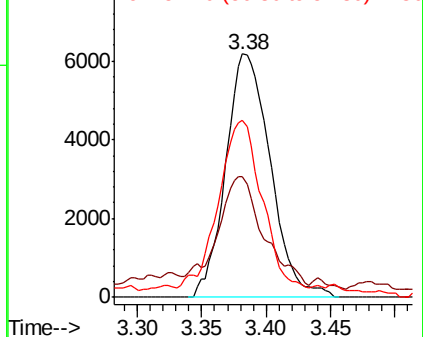
#17  
Methvl tert-butvl Ether  
Concen: 0.575 ug/L  
RT: 3.38 min Scan# 635  
Delta R.T. -0.00 min  
Lab File: VU040163.D  
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Instrument :  
MSVOA\_U  
ClientSampleId :  
BG0N9

Tot Ion: 73 Resp: 14876  
Ion Ratio Lower Upper  
73 100  
43 45.0 19.1 28.7#  
57 67.9 18.3 27.5#

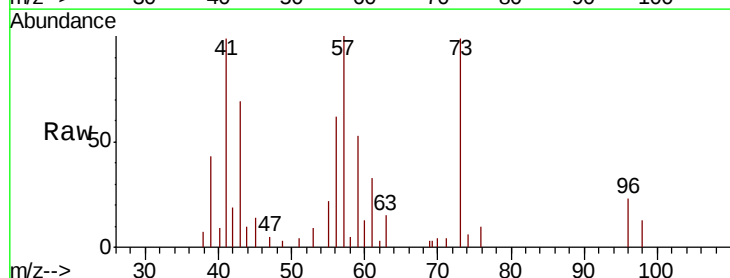


Abundance Ion 73.10 (72.80 to 73.80): VU0  
Ion 43.05 (42.75 to 43.75): VU0  
Ion 57.10 (56.80 to 57.80): VU0

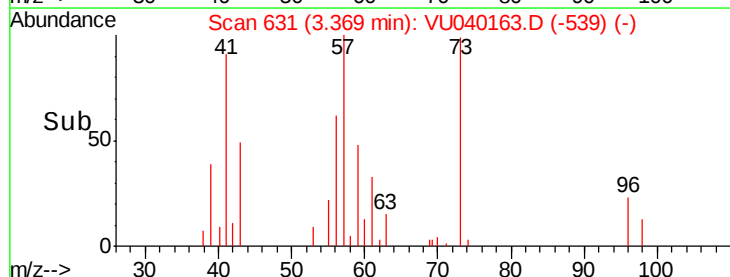
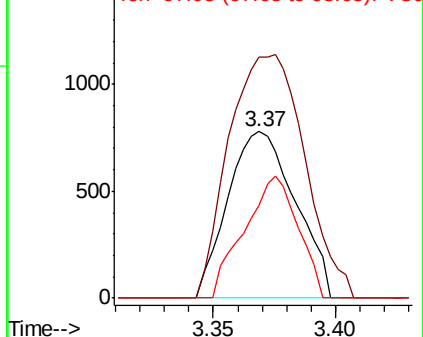


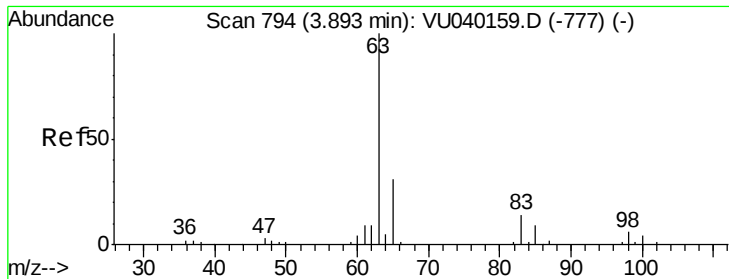
#18  
trans-1,2-Dichloroethene  
Concen: 0.162 ug/L  
RT: 3.37 min Scan# 631  
Delta R.T. -0.00 min  
Lab File: VU040163.D  
Acq: 16 Sep 2020 21:54

Tgt Ion: 96 Resp: 1498  
Ion Ratio Lower Upper  
96 100  
61 144.6 110.5 205.3  
98 55.9 43.2 80.2



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





#19

1,1-Dichloroethane

Concen: 0.336 ug/L

RT: 3.89 min Scan# 793

Delta R.T. -0.00 min

Lab File: VU040163.D

Acq: 16 Sep 2020 21:54

Instrument :

MSVOA\_U

ClientSampleId :

BG0N9

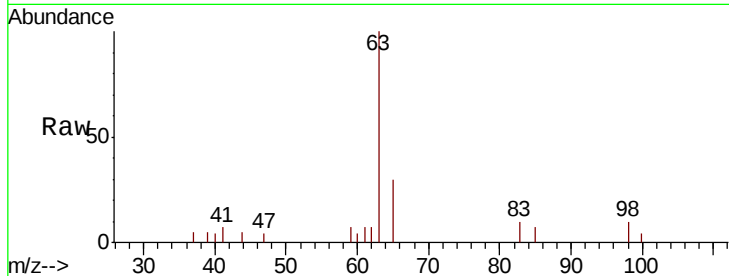
Tot Ion: 63 Resp: 6382

Ion Ratio Lower Upper

63 100

65 29.9 22.2 41.2

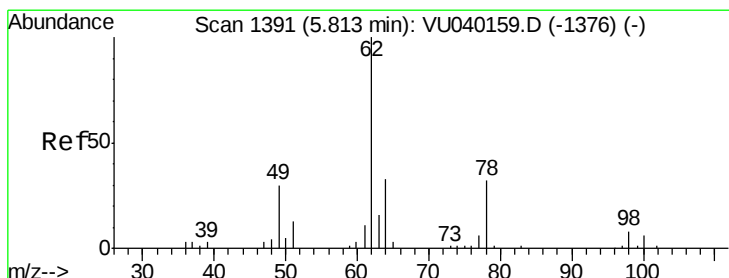
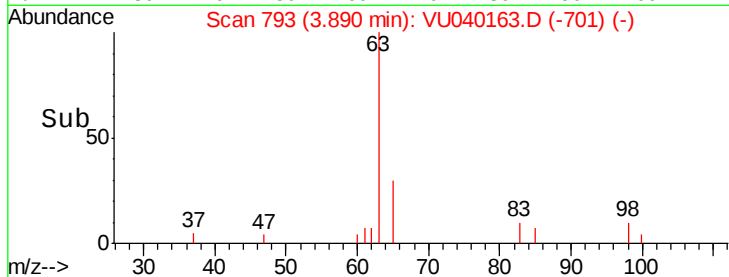
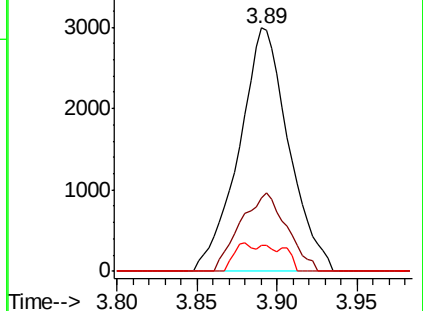
83 10.4 9.4 17.6



Abundance Ion 63.10 (62.80 to 63.80): VU040159.D (-777) (-)

Ion 65.10 (64.80 to 65.80): VU040159.D (-777) (-)

Ion 83.05 (82.75 to 83.75): VU040159.D (-777) (-)



#27

1,2-Dichloroethane

Concen: 10.771 ug/L

RT: 5.80 min Scan# 1386

Delta R.T. -0.02 min

Lab File: VU040163.D

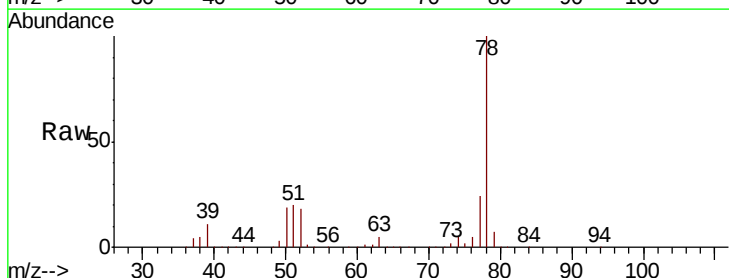
Acq: 16 Sep 2020 21:54

Tgt Ion: 62 Resp: 153573

Ion Ratio Lower Upper

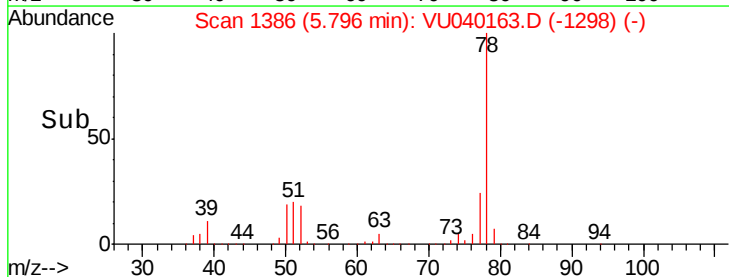
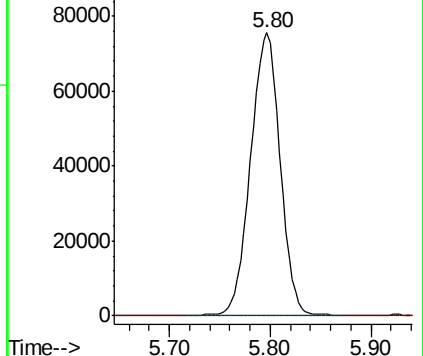
62 100

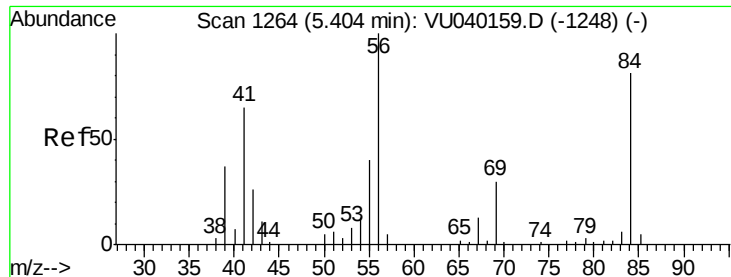
98 0.0 6.1 9.1#



Abundance Ion 62.00 (61.70 to 62.70): VU040159.D (-1376) (-)

Ion 98.05 (97.75 to 98.75): VU040159.D (-1376) (-)

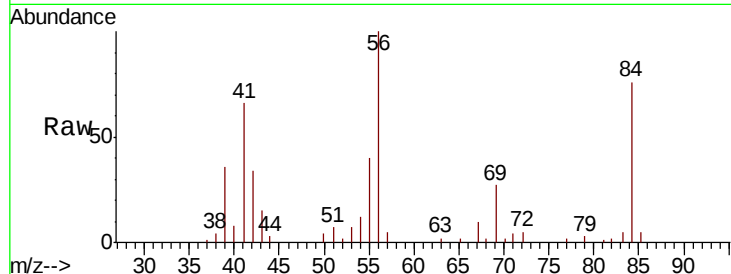




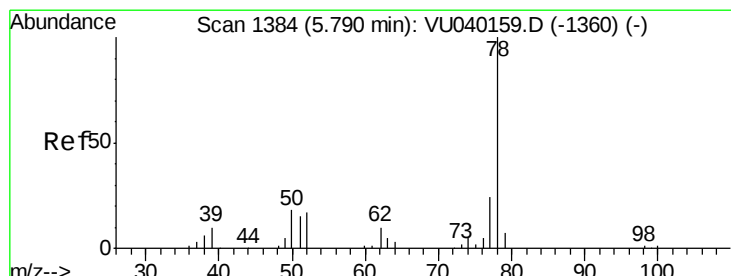
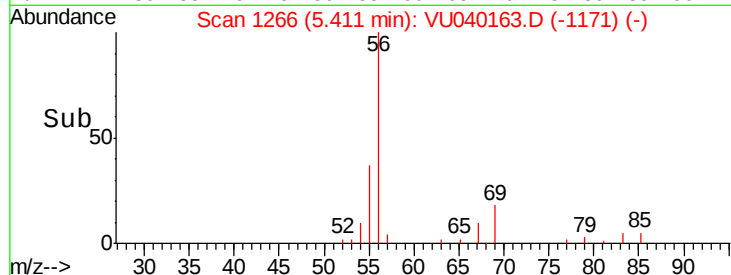
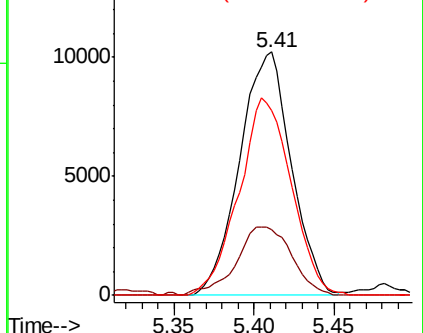
#30  
Cyclohexane  
Concen: 1.366 ug/L  
RT: 5.41 min Scan# 1266  
Delta R.T. 0.01 min  
Lab File: VU040163.D  
Acq: 16 Sep 2020 21:54

Instrument :  
MSVOA\_U  
ClientSampleId :  
BG0N9

Tot Ion: 56 Resp: 22636  
Ion Ratio Lower Upper  
56 100  
69 30.1 24.1 36.1  
84 82.3 65.0 97.4

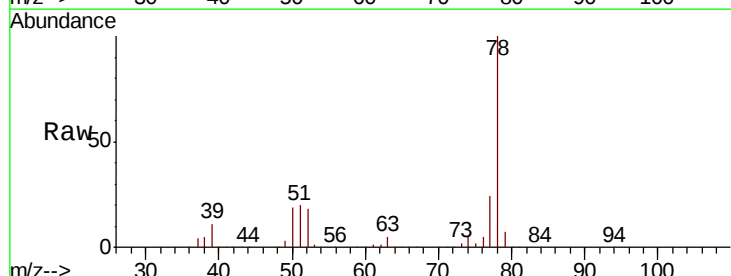


Abundance Ion 56.10 (55.80 to 56.80): VU0  
Ion 69.15 (68.85 to 69.85): VU0  
Ion 84.15 (83.85 to 84.85): VU0

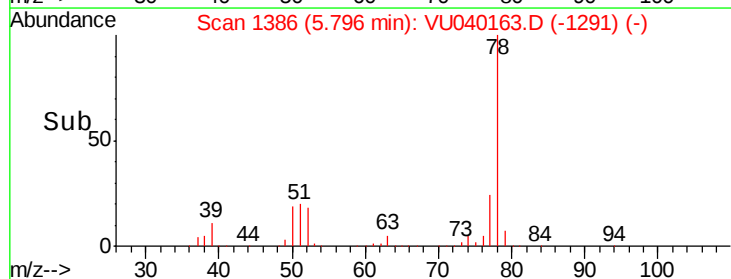
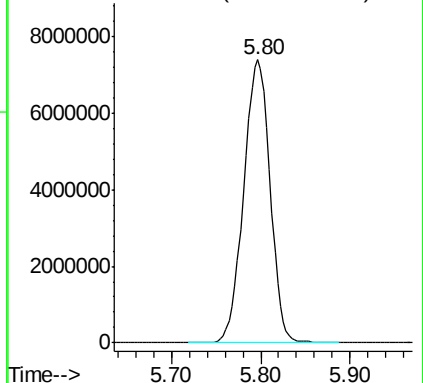


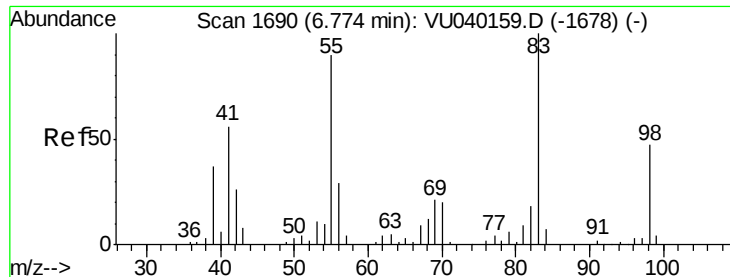
#33  
Benzene  
Concen: 389.677 ug/L  
RT: 5.80 min Scan# 1386  
Delta R.T. 0.01 min  
Lab File: VU040163.D  
Acq: 16 Sep 2020 21:54

Tgt Ion: 78 Resp:15167738



Abundance Ion 78.10 (77.80 to 78.80): VU0

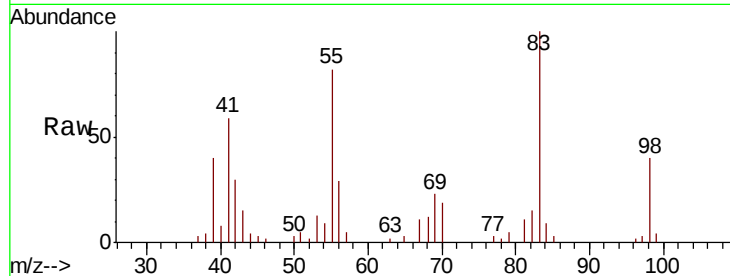




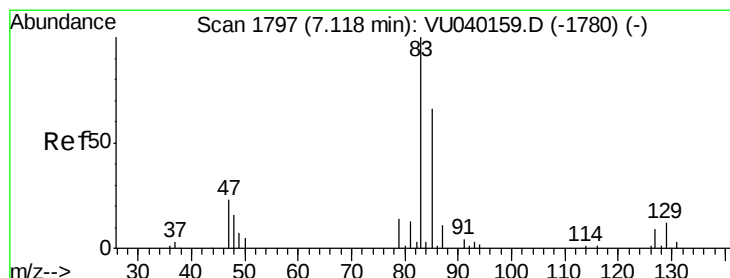
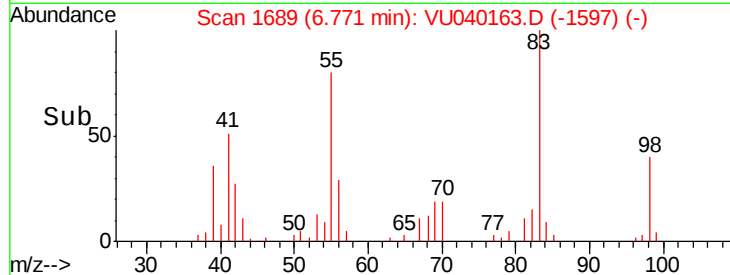
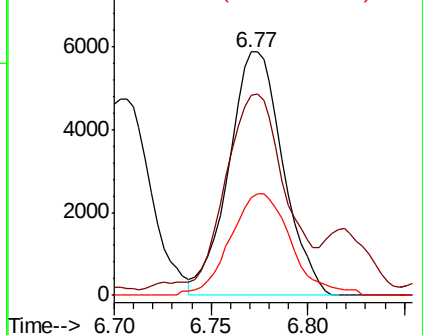
#35  
Methylcyclohexane  
Concen: 0.714 ug/L  
RT: 6.77 min Scan# 1689  
Delta R.T. -0.00 min  
Lab File: VU040163.D  
Acq: 16 Sep 2020 21:54

Instrument :  
MSVOA\_U  
ClientSampled :  
BG0N9

Tot Ion: 83 Resp: 11423  
Ion Ratio Lower Upper  
83 100  
55 89.2 70.5 105.7  
98 46.7 37.8 56.6

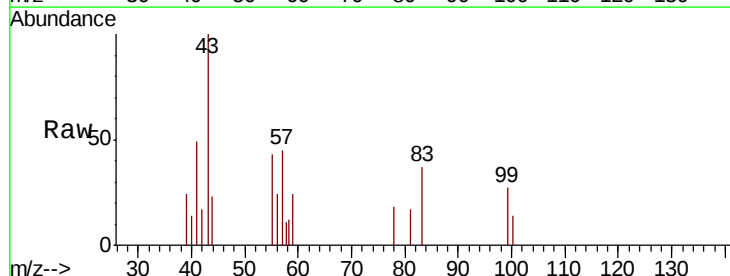


Abundance Ion 83.15 (82.85 to 83.85): VU0  
Ion 55.10 (54.80 to 55.80): VU0  
Ion 98.15 (97.85 to 98.85): VU0

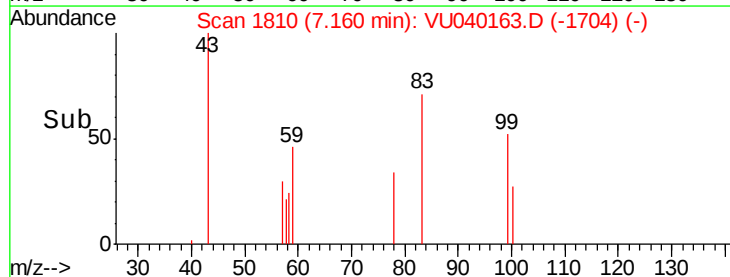
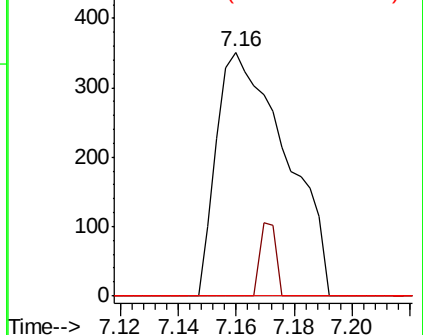


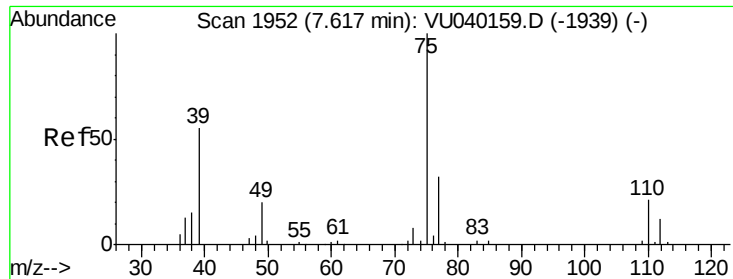
#38  
Bromodichloromethane  
Concen: 0.041 ug/L  
RT: 7.16 min Scan# 1810  
Delta R.T. 0.04 min  
Lab File: VU040163.D  
Acq: 16 Sep 2020 21:54

Tgt Ion: 83 Resp: 584  
Ion Ratio Lower Upper  
83 100  
85 0.0 45.1 83.9#  
127 0.0 6.7 10.1#



Abundance Ion 82.95 (82.65 to 83.65): VU0  
Ion 85.00 (84.70 to 85.70): VU0  
Ion 126.90 (126.60 to 127.60): V

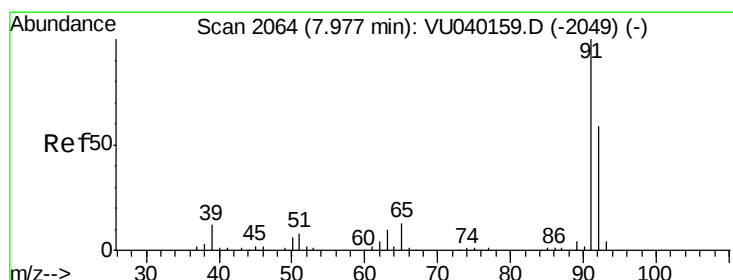
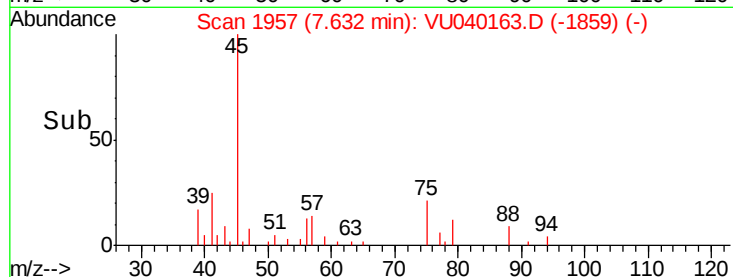
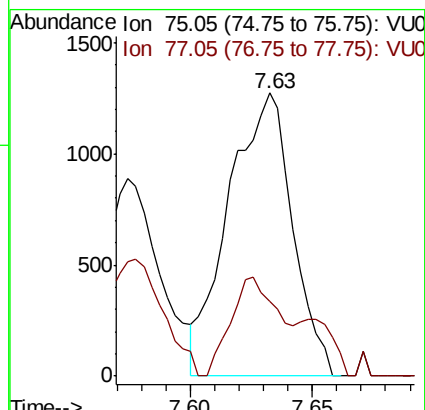
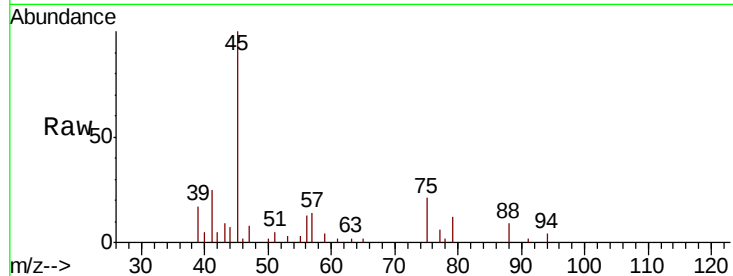




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.149 ug/L  
 RT: 7.63 min Scan# 1957  
 Delta R.T. 0.02 min  
 Lab File: VU040163.D  
 Acq: 16 Sep 2020 21:54

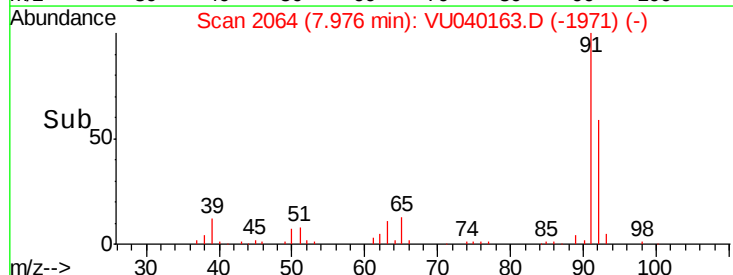
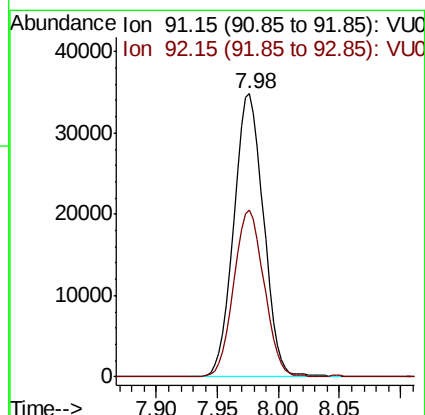
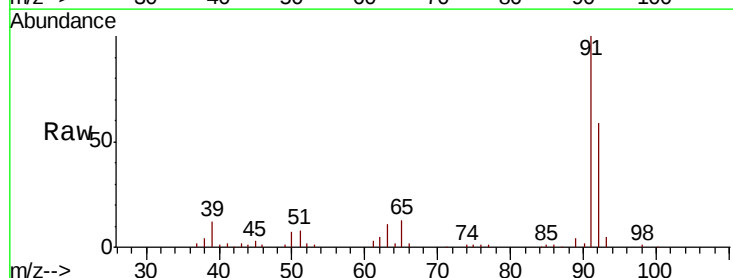
Instrument :  
 MSVOA\_U  
 ClientSampleID :  
 BG0N9

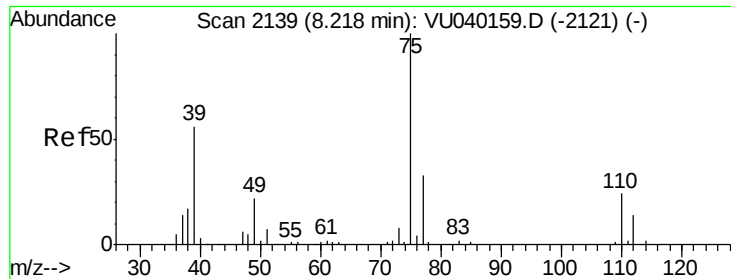
Tot Ion: 75 Resp: 2310  
 Ion Ratio Lower Upper  
 75 100  
 77 26.3 21.1 39.3



#42  
 Toluene  
 Concen: 1.477 ug/L  
 RT: 7.98 min Scan# 2064  
 Delta R.T. -0.00 min  
 Lab File: VU040163.D  
 Acq: 16 Sep 2020 21:54

Tgt Ion: 91 Resp: 59195  
 Ion Ratio Lower Upper  
 91 100  
 92 59.2 40.7 75.5

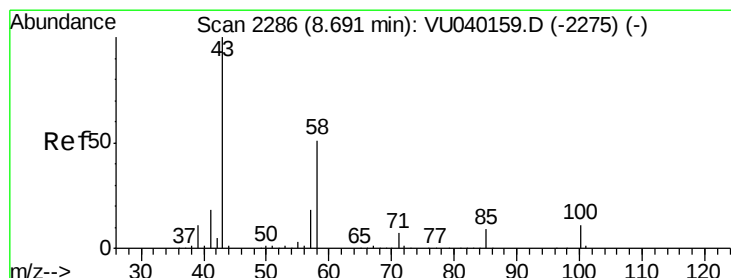
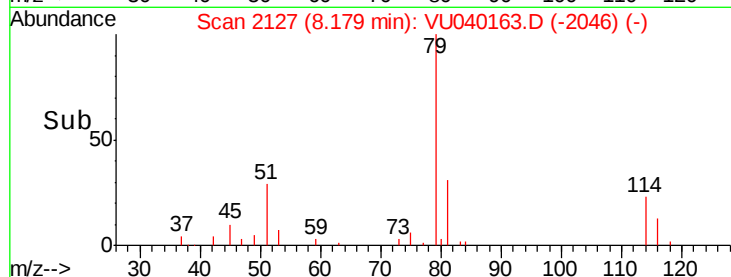
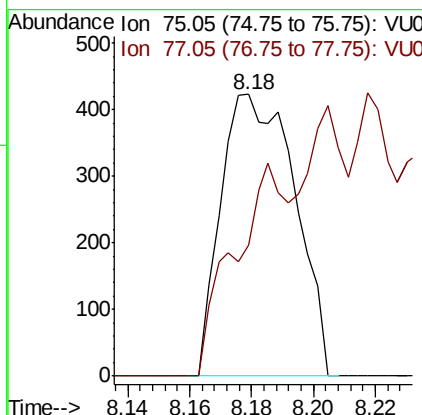
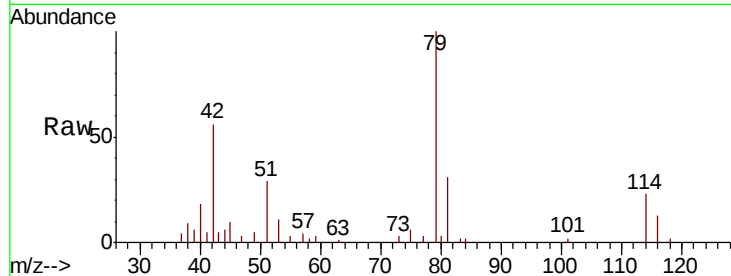




#44  
trans-1,3-Dichloropropene  
Concen: 0.049 ug/L  
RT: 8.18 min Scan# 2127  
Delta R.T. -0.04 min  
Lab File: VU040163.D  
Acq: 16 Sep 2020 21:54

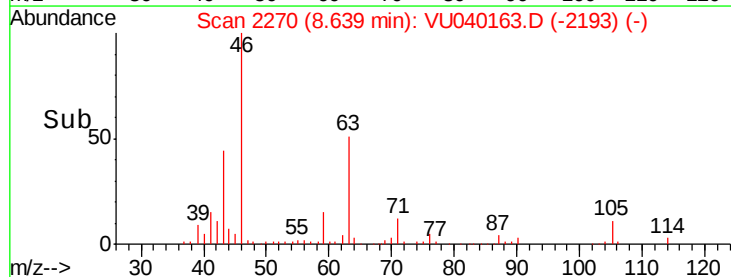
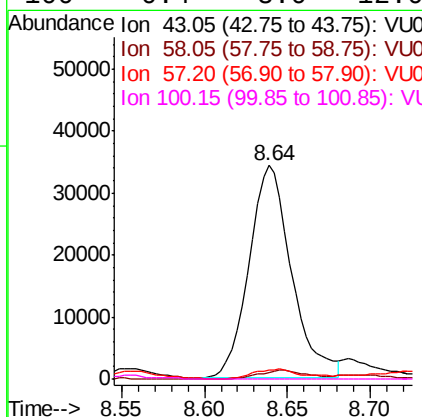
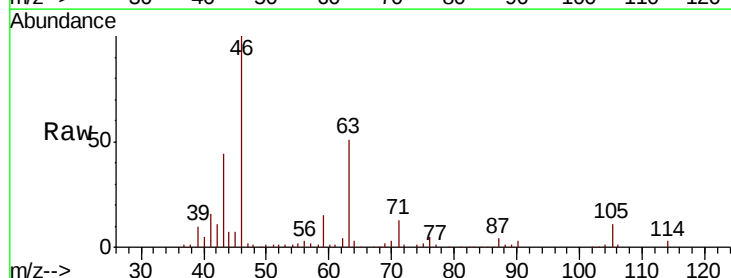
Instrument :  
MSVOA\_U  
ClientSampleId :  
BG0N9

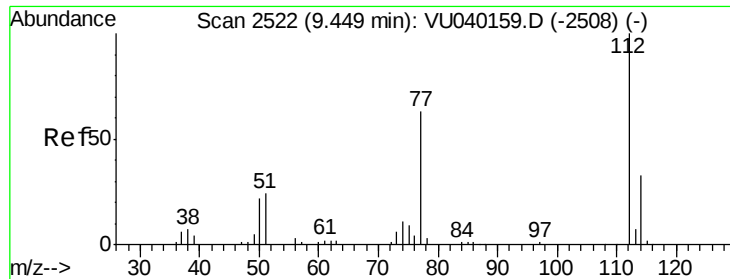
Tot Ion: 75 Resp: 701  
Ion Ratio Lower Upper  
75 100  
77 46.6 23.9 44.3#



#48  
2-Hexanone  
Concen: 9.724 ug/L  
RT: 8.64 min Scan# 2270  
Delta R.T. -0.05 min  
Lab File: VU040163.D  
Acq: 16 Sep 2020 21:54

Tgt Ion: 43 Resp: 61335  
Ion Ratio Lower Upper  
43 100  
58 4.6 39.6 59.4#  
57 4.7 14.3 21.5#  
100 0.4 8.0 12.0#

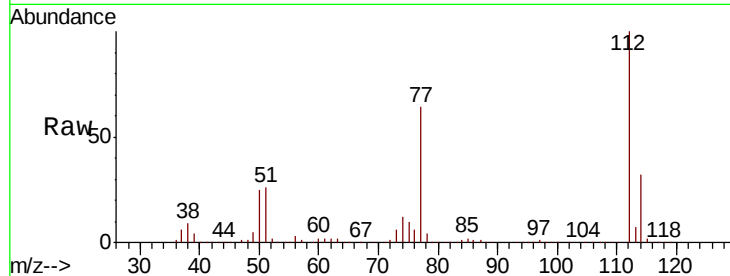




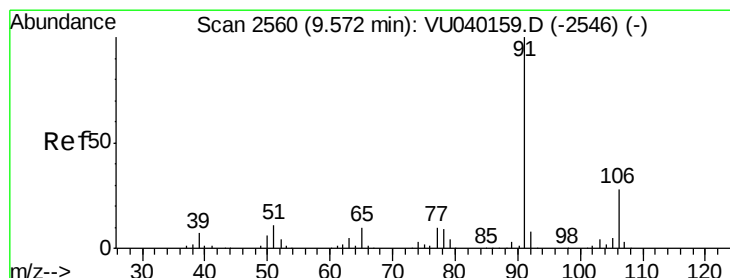
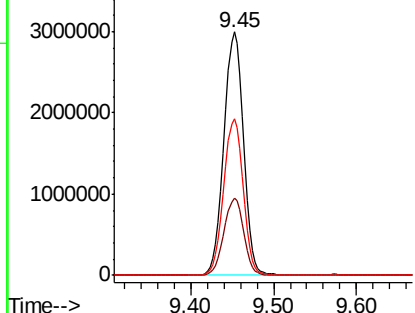
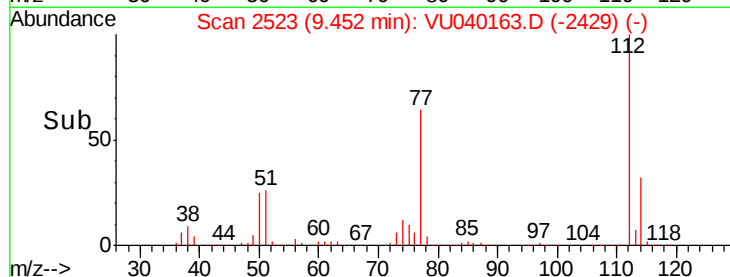
#51  
Chlorobenzene  
Concen: 196.863 ug/L  
RT: 9.45 min Scan# 2523  
Delta R.T. 0.00 min  
Lab File: VU040163.D  
Acq: 16 Sep 2020 21:54

Instrument :  
MSVOA\_U  
ClientSampleId :  
BG0N9

Tot Ion:112 Resp: 4899401  
Ion Ratio Lower Upper  
112 100  
114 31.7 22.7 42.3  
77 64.5 53.2 79.8

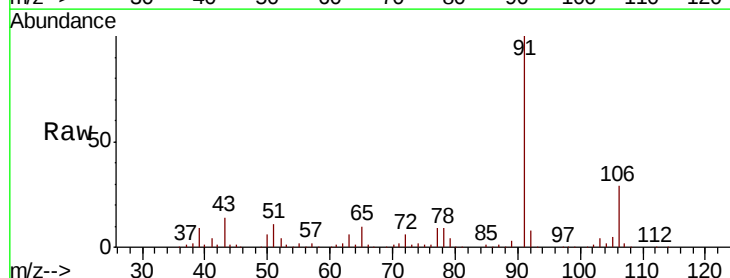


Abundance Ion 112.10 (111.80 to 112.80): V  
Ion 114.05 (113.75 to 114.75): V  
Ion 77.10 (76.80 to 77.80): V

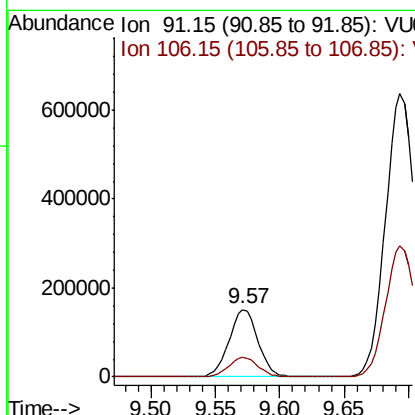
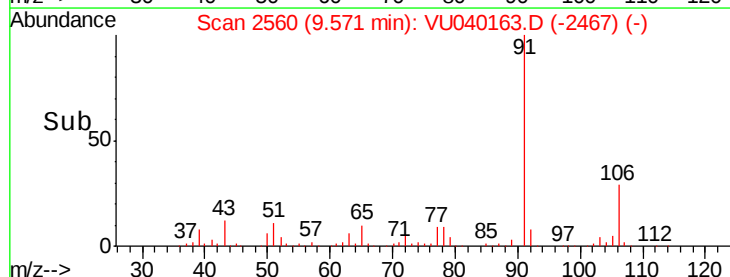


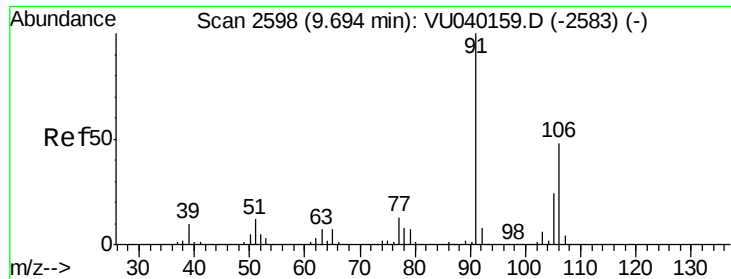
#52  
Ethylbenzene  
Concen: 5.170 ug/L  
RT: 9.57 min Scan# 2560  
Delta R.T. -0.00 min  
Lab File: VU040163.D  
Acq: 16 Sep 2020 21:54

Tgt Ion: 91 Resp: 235477  
Ion Ratio Lower Upper  
91 100  
106 28.9 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): V  
Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 29.819 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU040163.D

Acq: 16 Sep 2020 21:54

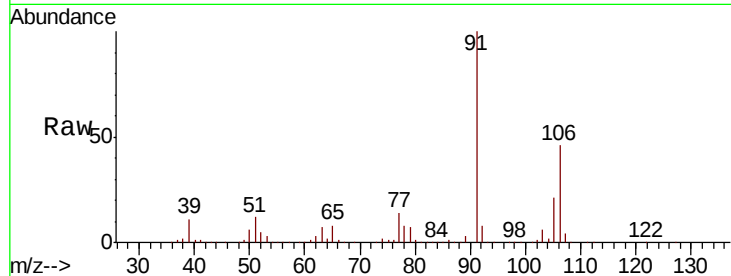
Instrument :  
MSVOA\_U  
ClientSampleId :  
BG0N9

Tot Ion:106 Resp: 483540

Ion Ratio Lower Upper

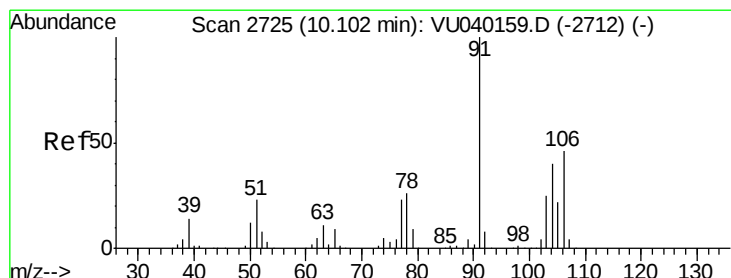
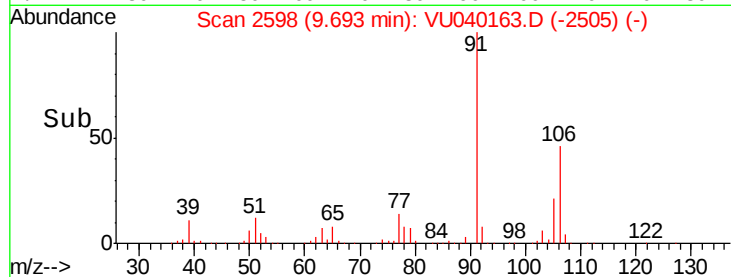
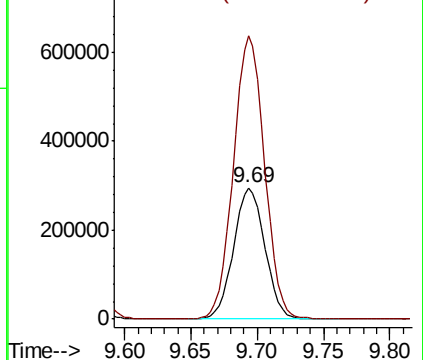
106 100

91 215.8 151.7 281.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 8.518 ug/L

RT: 10.10 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VU040163.D

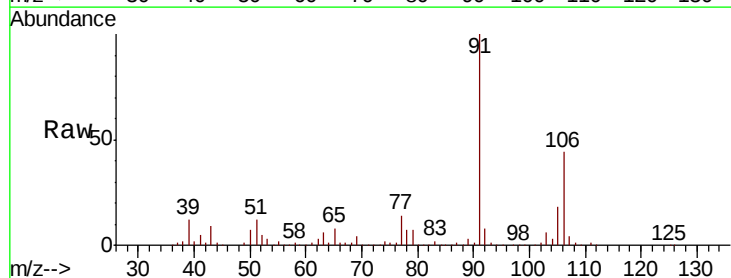
Acq: 16 Sep 2020 21:54

Tgt Ion:106 Resp: 131625

Ion Ratio Lower Upper

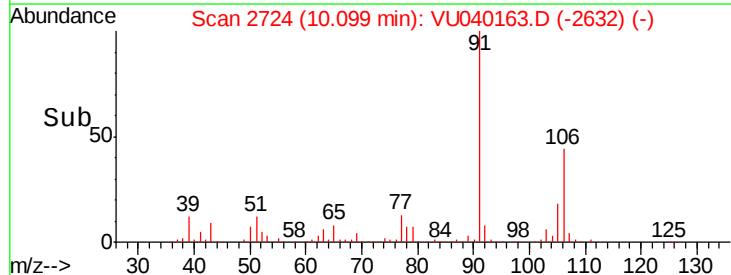
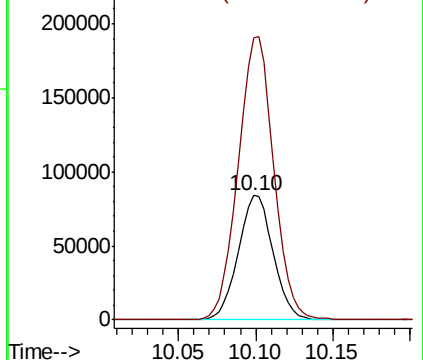
106 100

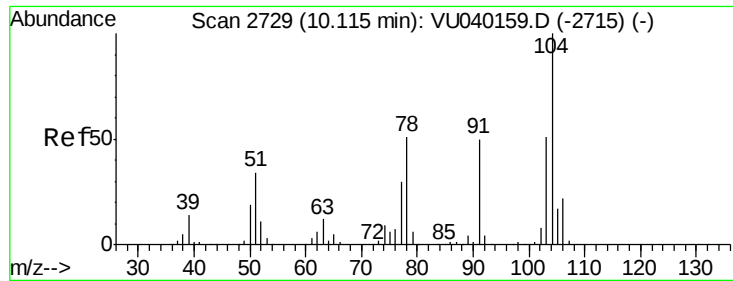
91 226.2 160.8 298.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

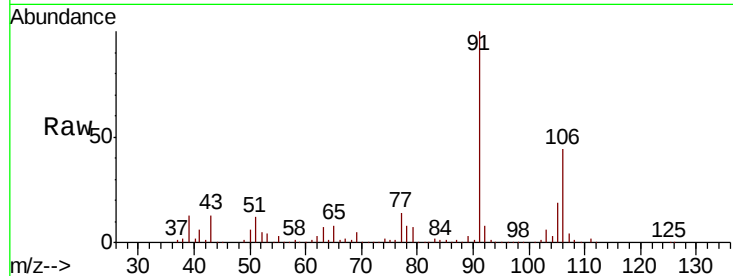




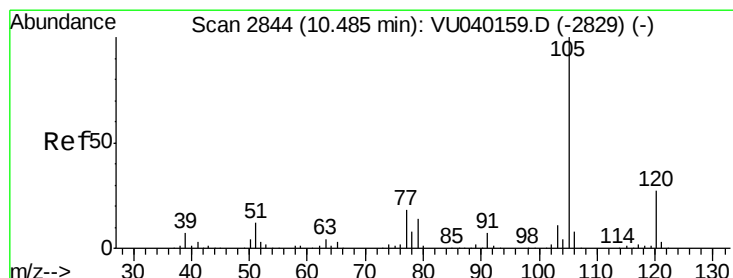
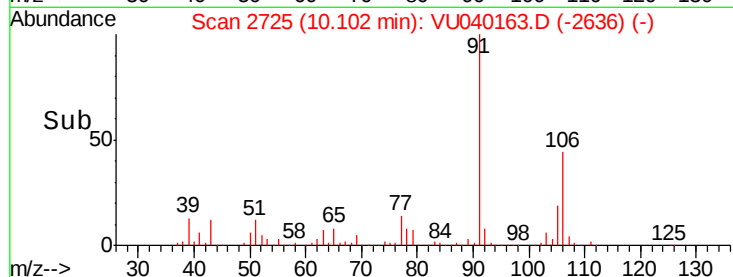
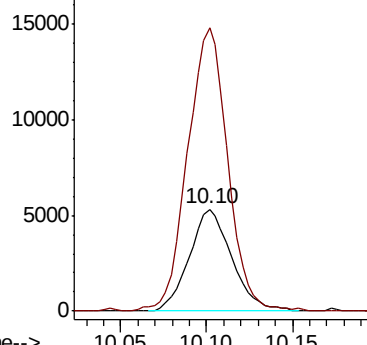
#55  
Stvrene  
Concen: 0.340 ug/L  
RT: 10.10 min Scan# 2725  
Delta R.T. -0.01 min  
Lab File: VU040163.D  
Acq: 16 Sep 2020 21:54

Instrument :  
MSVOA\_U  
ClientSampleId :  
BG0N9

Tot Ion:104 Resp: 9128  
Ion Ratio Lower Upper  
104 100  
78 276.9 36.8 68.3#

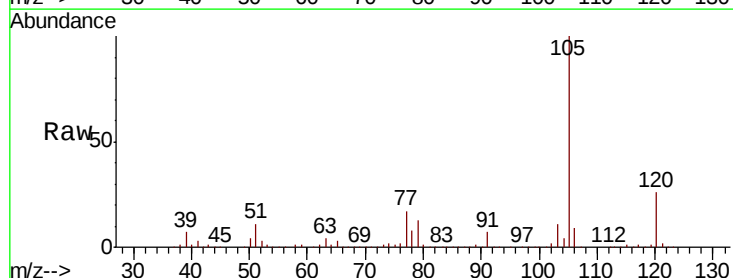


Abundance Ion 104.10 (103.80 to 104.80): V  
Ion 78.10 (77.80 to 78.80): VU0

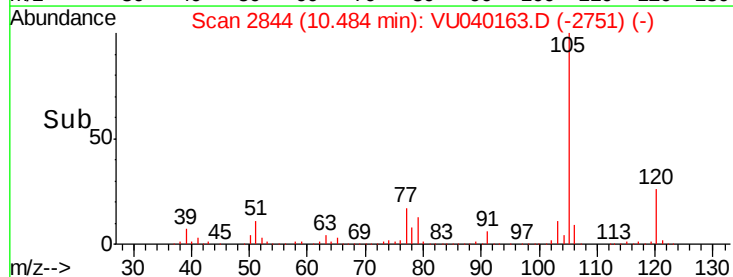
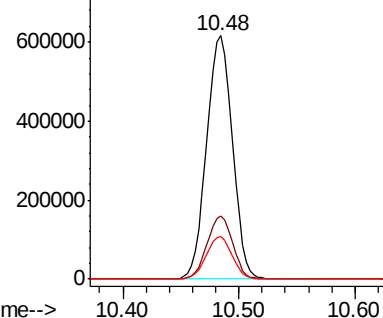


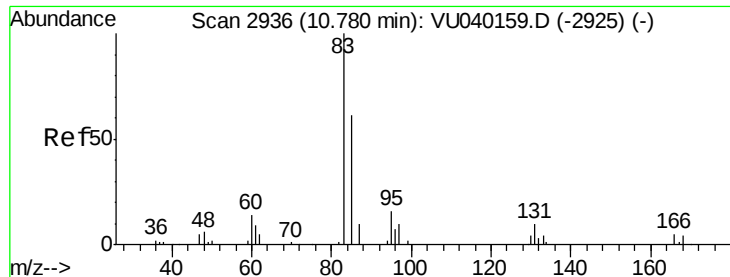
#56  
Isopropylbenzene  
Concen: 22.457 ug/L  
RT: 10.48 min Scan# 2844  
Delta R.T. -0.00 min  
Lab File: VU040163.D  
Acq: 16 Sep 2020 21:54

Tgt Ion:105 Resp: 946379  
Ion Ratio Lower Upper  
105 100  
120 25.6 20.1 30.1  
77 17.5 14.4 21.6



Abundance Ion 105.05 (104.75 to 105.75): V  
Ion 120.10 (119.80 to 120.80): V  
Ion 77.10 (76.80 to 77.80): VU0





#58

1,1,2,2-Tetrachloroethane

Concen: 0.219 ug/L

RT: 10.80 min Scan# 2941

Delta R.T. 0.02 min

Lab File: VU040163.D

Acq: 16 Sep 2020 21:54

Instrument :

MSVOA\_U

ClientSampled :

BG0N9

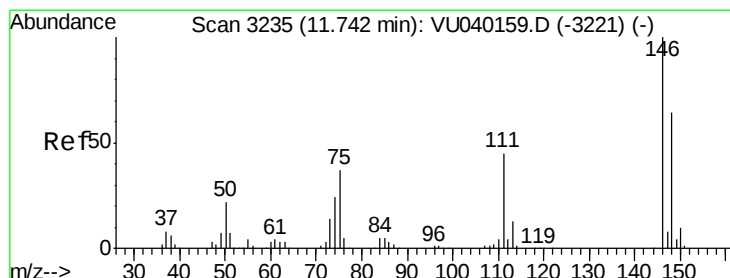
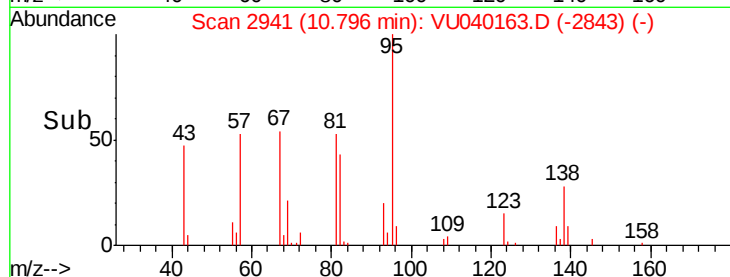
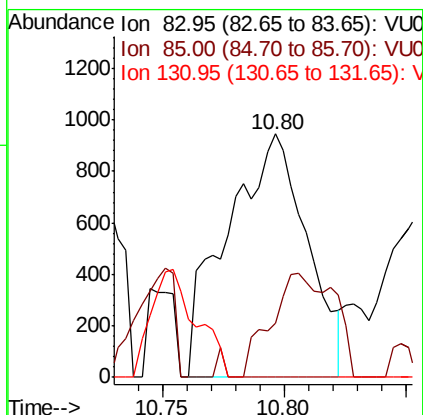
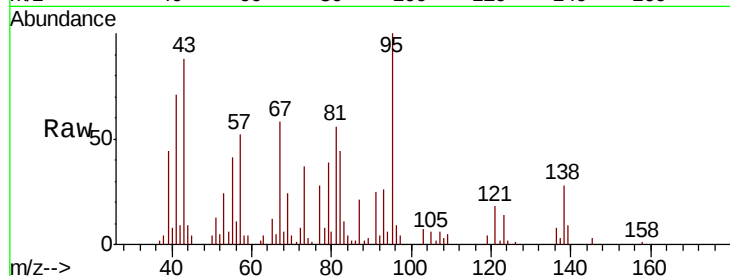
Tot Ion: 83 Resp: 2155

Ion Ratio Lower Upper

83 100

85 22.2 44.9 83.3#

131 0.0 7.4 11.0#



#62

1,3-Dichlorobenzene

Concen: 0.403 ug/L

RT: 11.74 min Scan# 3235

Delta R.T. -0.00 min

Lab File: VU040163.D

Acq: 16 Sep 2020 21:54

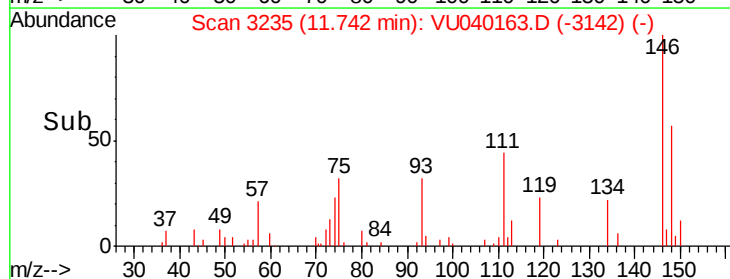
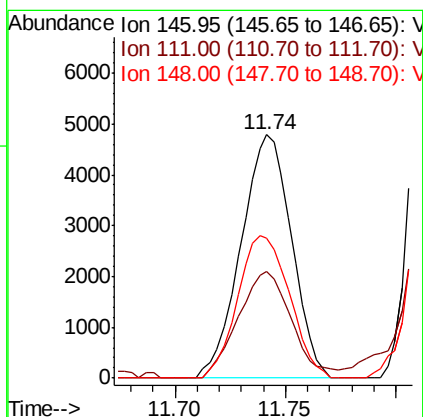
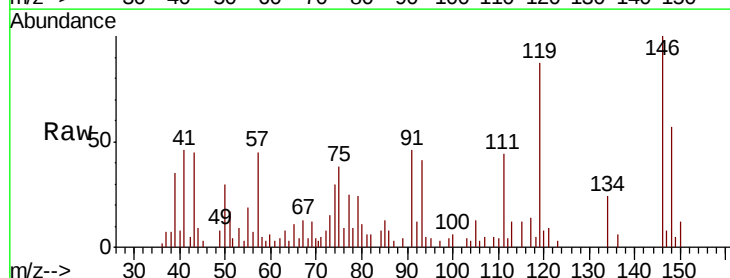
Tgt Ion: 146 Resp: 7588

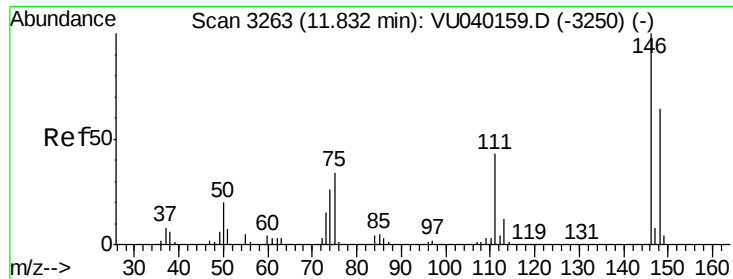
Ion Ratio Lower Upper

146 100

111 43.7 31.6 58.8

148 57.5 44.2 82.0

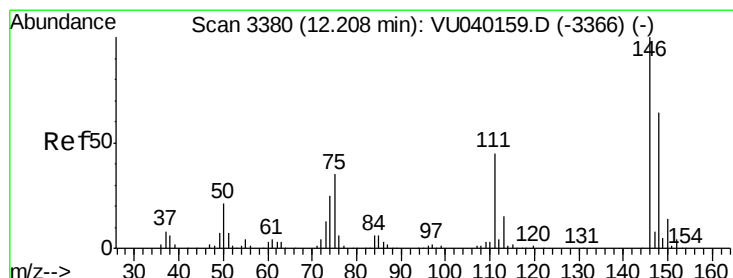
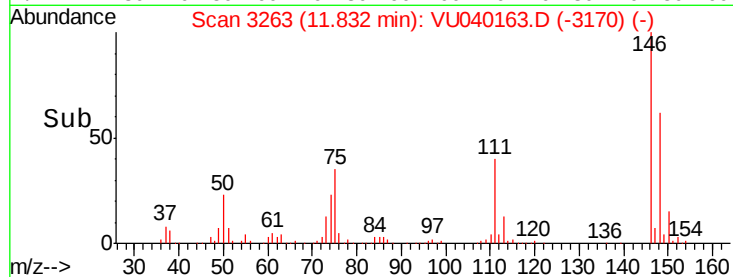
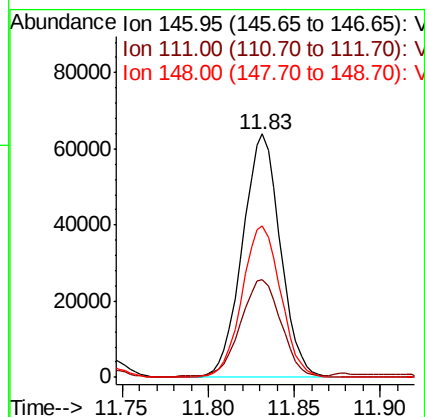
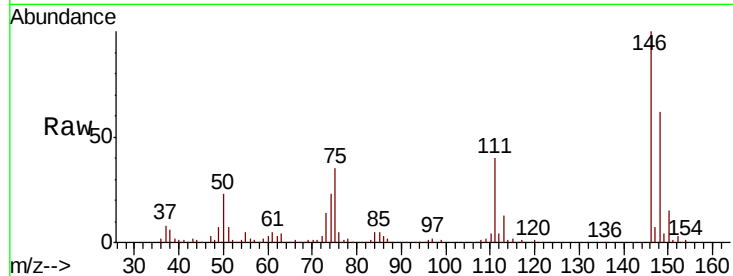




#63  
 1,4-Dichlorobenzene  
 Concen: 5.131 ug/L  
 RT: 11.83 min Scan# 3263  
 Delta R.T. -0.00 min  
 Lab File: VU040163.D  
 Acq: 16 Sep 2020 21:54

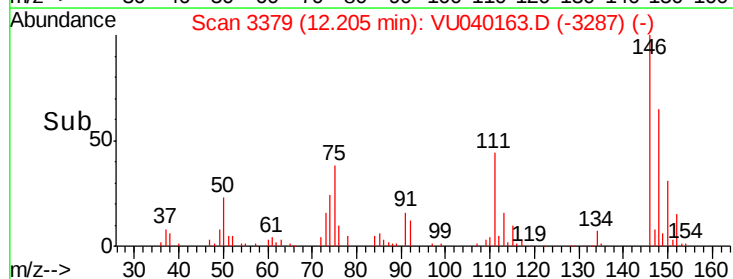
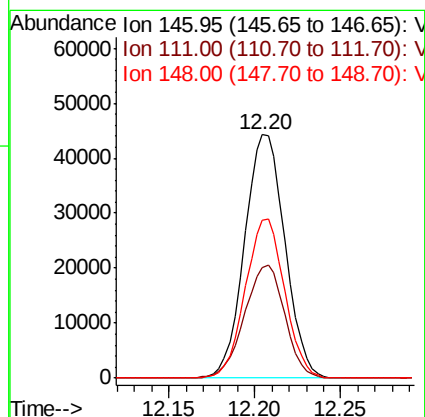
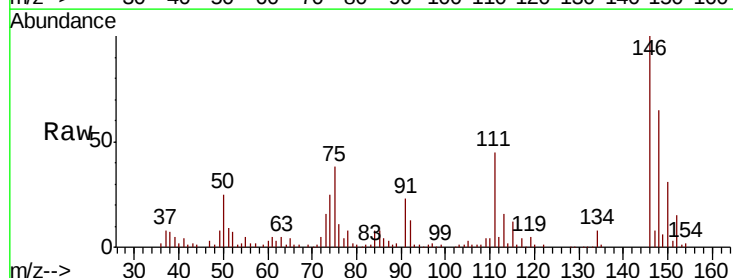
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 BG0N9

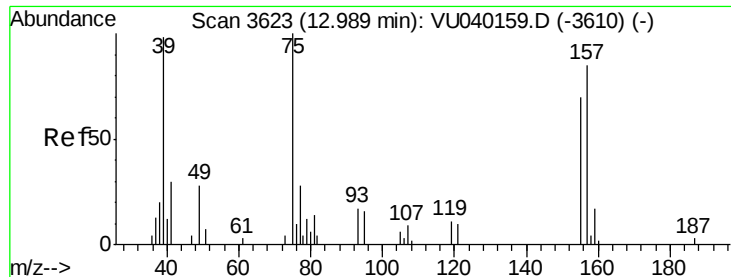
Tot Ion:146 Resp: 97712  
 Ion Ratio Lower Upper  
 146 100  
 111 40.2 30.5 56.7  
 148 62.1 45.4 84.4



#65  
 1,2-Dichlorobenzene  
 Concen: 3.965 ug/L  
 RT: 12.20 min Scan# 3379  
 Delta R.T. -0.00 min  
 Lab File: VU040163.D  
 Acq: 16 Sep 2020 21:54

Tgt Ion:146 Resp: 72208  
 Ion Ratio Lower Upper  
 146 100  
 111 45.3 36.5 54.7  
 148 65.0 48.6 72.8

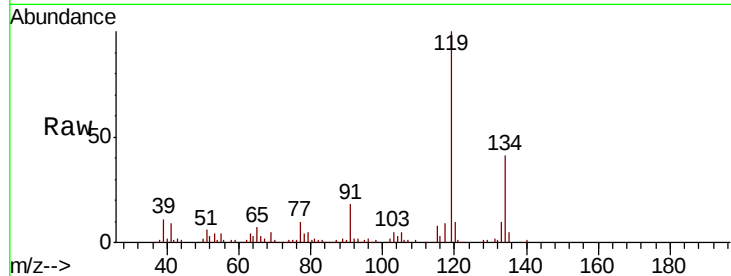




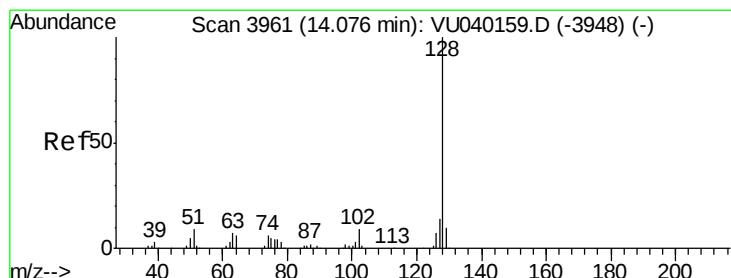
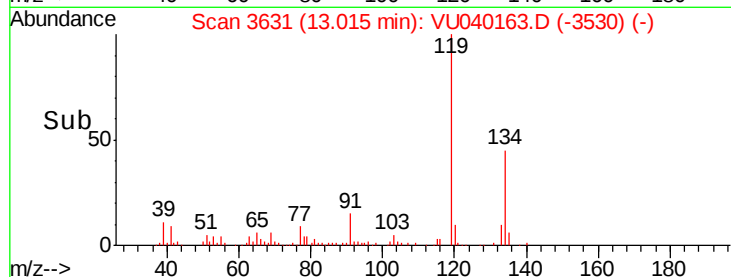
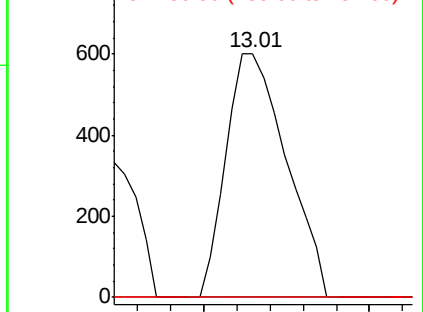
#66  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.392 ug/L  
 RT: 13.01 min Scan# 3631  
 Delta R.T. 0.03 min  
 Lab File: VU040163.D  
 Acq: 16 Sep 2020 21:54

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BG0N9

Tot Ion: 75 Resp: 763  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 54.6 82.0#  
 157 0.0 75.6 113.4#

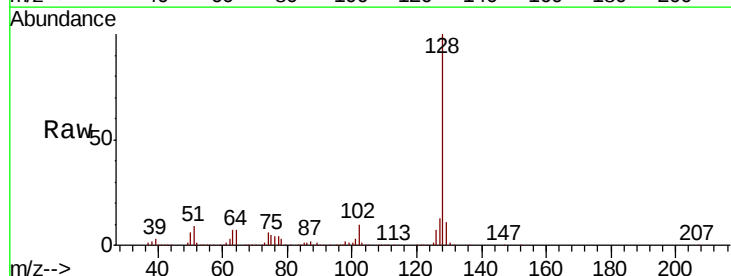


Abundance Ion 75.05 (74.75 to 75.75): VU040159.D (-3610) (-)  
 Ion 154.95 (154.65 to 155.65): VU040159.D (-3610) (-)  
 Ion 156.90 (156.60 to 157.60): VU040159.D (-3610) (-)



#69  
 Naphthalene  
 Concen: 11.573 ug/L  
 RT: 14.08 min Scan# 3961  
 Delta R.T. -0.00 min  
 Lab File: VU040163.D  
 Acq: 16 Sep 2020 21:54

Tgt Ion: 128 Resp: 274979  
 Ion Ratio Lower Upper  
 128 100  
 129 10.9 8.7 13.1  
 127 13.6 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): VU040159.D (-3948) (-)  
 Ion 129.00 (128.70 to 129.70): VU040159.D (-3948) (-)  
 Ion 127.00 (126.70 to 127.70): VU040159.D (-3948) (-)

