

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU031119\  
 Data File : VU029906.D  
 Acq On : 08 Mar 2019 22:25  
 Operator : JC/SP  
 Sample : K1763-04  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0959

Quant Time: Mar 08 23:54:46 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 08 22:13:16 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 423603   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 81219    | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 641018   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.27    | 65    | 5809     | 1.87     | ug/L | -0.12    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 3.74%#   |
| 7) Chloroethane-d5             | 1.68    | 69    | 116017   | 42.04    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 84.08%   |
| 11) 1,1-Dichloroethene-d2      | 2.28    | 63    | 33754    | 5.56     | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 11.12%#  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 61832    | 32.73    | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 32.73%#  |
| 24) Chloroform-d               | 4.66    | 84    | 417925   | 83.01    | ug/L | 0.01     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 166.02%# |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 173353   | 54.39    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 108.78%  |
| 32) Benzene-d6                 | 5.33    | 84    | 1760     | 0.86     | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 1.72%#   |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 188257   | 306.18   | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 612.36%# |
| 41) Toluene-d8                 | 7.57    | 98    | 2263     | 1.09     | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 2.18%#   |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 1950     | 5.98     | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 11.96%#  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 194759   | 568.80   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 568.80%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 315015   | 303.21   | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 606.42%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 466386   | 33.76    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 67.52%#  |

## Target Compounds

|                            |      |     |          |          | Qvalue    |
|----------------------------|------|-----|----------|----------|-----------|
| 3) Chloromethane           | 1.32 | 50  | 10455908 | 4103.542 | ug/L # 82 |
| 5) Vinyl chloride          | 1.40 | 62  | 4753     | 1.374    | ug/L # 1  |
| 6) Bromomethane            | 1.62 | 94  | 3312     | 2.097    | ug/L 75   |
| 8) Chloroethane            | 1.53 | 64  | 238773   | 103.741  | ug/L # 52 |
| 13) Acetone                | 2.32 | 43  | 28699    | 14.218   | ug/L 96   |
| 14) Carbon disulfide       | 2.48 | 76  | 8536     | 1.162    | ug/L # 92 |
| 15) Methyl Acetate         | 2.62 | 43  | 12233    | 4.669    | ug/L 96   |
| 16) Methylene chloride     | 2.70 | 84  | 1602790  | 590.476  | ug/L 99   |
| 19) 1,1-Dichloroethane     | 3.45 | 63  | 13233    | 2.956    | ug/L 97   |
| 20) cis-1,2-Dichloroethene | 4.22 | 96  | 2533     | 0.842    | ug/L 89   |
| 22) 2-Butanone             | 4.27 | 43  | 15503    | 6.730    | ug/L 86   |
| 25) Chloroform             | 4.67 | 83  | 4431854  | 887.249  | ug/L 100  |
| 27) 1,2-Dichloroethane     | 5.41 | 62  | 7756     | 2.020    | ug/L 95   |
| 29) Cyclohexane            | 5.07 | 56  | 2195     | 2.731    | ug/L # 48 |
| 30) 1,1,1-Trichloroethane  | 4.91 | 97  | 49103    | 57.019   | ug/L 98   |
| 31) Carbon tetrachloride   | 5.13 | 117 | 632182   | 811.070  | ug/L 99   |
| 33) Benzene                | 5.39 | 78  | 1062     | 0.510    | ug/L 100  |

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 ClientSampleId :  
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 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 08 22:13:16 2019  
 Response via : Initial Calibration

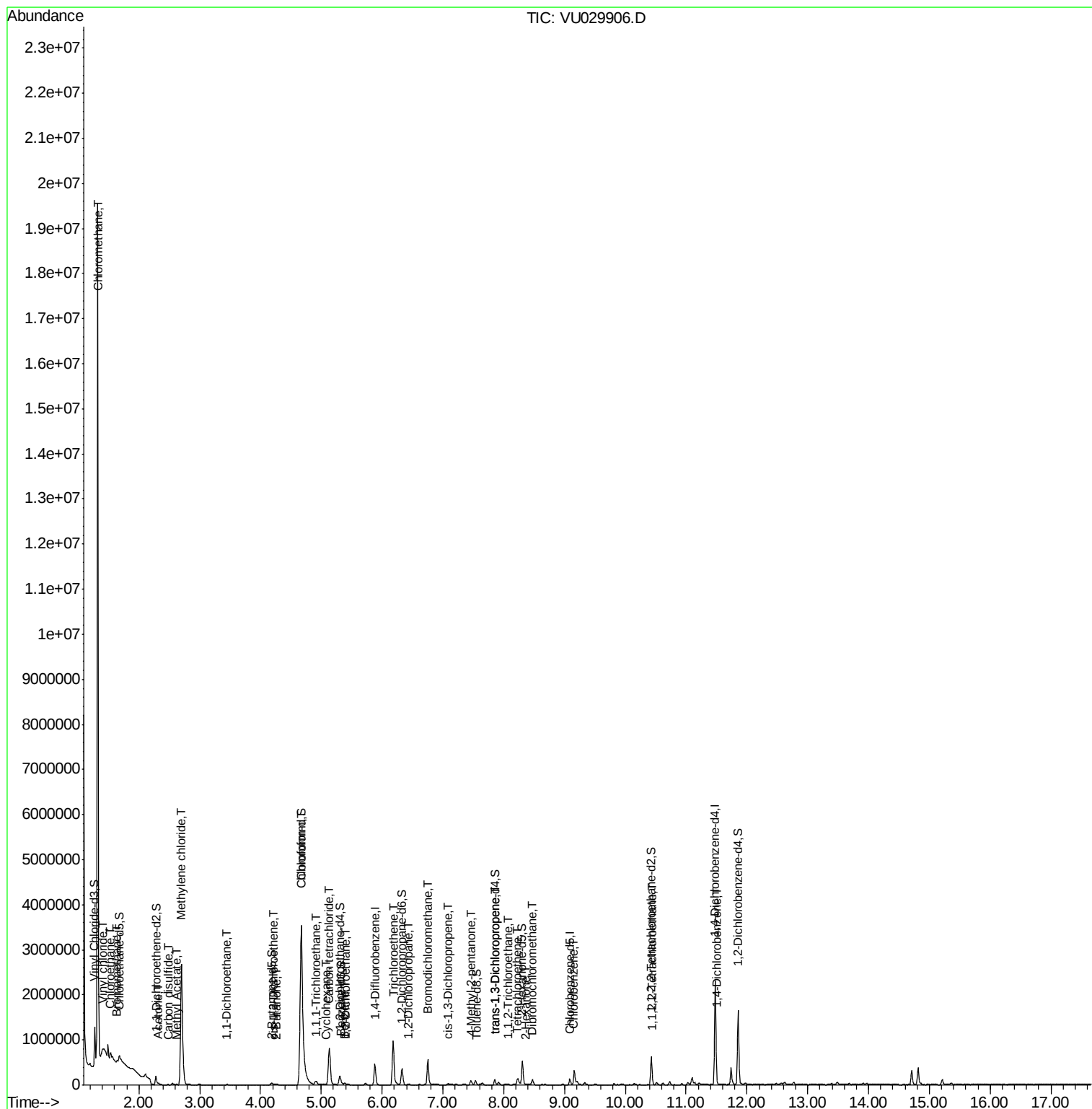
| Internal Standards            | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|-------|------|----------|---------|--------|----------|
| 34) Trichloroethene           | 6.18  | 95   | 368395   | 656.726 | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 6.43  | 63   | 7299     | 13.353  | ug/L # | 91       |
| 38) Bromodichloromethane      | 6.75  | 83   | 378808   | 514.040 | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.08  | 75   | 8282     | 9.391   | ug/L   | 92       |
| 40) 4-Methyl-2-pentanone      | 7.46  | 43   | 58861    | 76.575  | ug/L # | 52       |
| 44) trans-1,3-Dichloropropene | 7.85  | 75   | 7738     | 9.310   | ug/L   | 98       |
| 45) 1,1,2-Trichloroethane     | 8.06  | 97   | 9327     | 16.008  | ug/L   | 92       |
| 46) Tetrachloroethene         | 8.22  | 164  | 30573    | 55.683  | ug/L   | 99       |
| 48) 2-Hexanone                | 8.37  | 43   | 8221     | 12.243  | ug/L # | 37       |
| 49) Dibromochloromethane      | 8.47  | 129  | 60944    | 86.283  | ug/L   | 99       |
| 51) Chlorobenzene             | 9.14  | 112  | 5648     | 3.342   | ug/L   | 93       |
| 58) 1,1,2,2-Tetrachloroethane | 10.45 | 83   | 7568     | 7.346   | ug/L # | 95       |
| 63) 1,4-Dichlorobenzene       | 11.50 | 146  | 16733    | 0.814   | ug/L   | 96       |

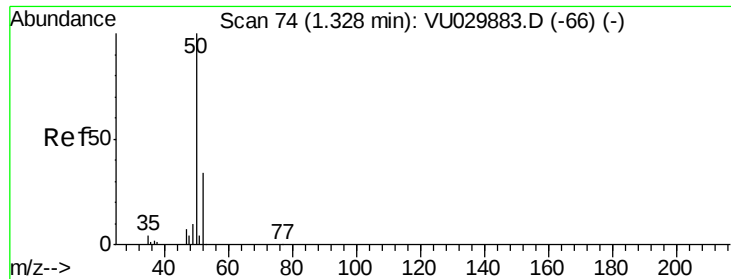
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#3

Chloromethane

Concen: 4103.542 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

Instrument :

MSVOA\_U

ClientSampleId :

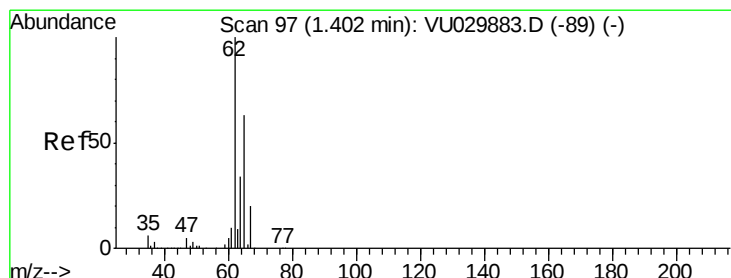
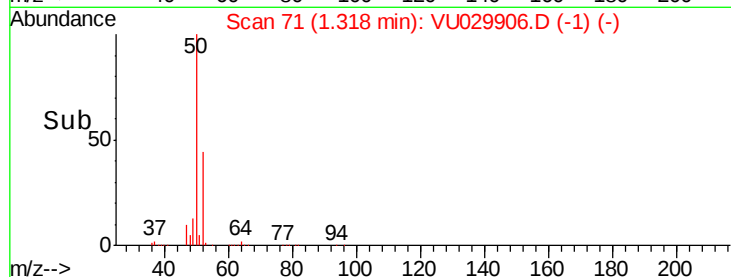
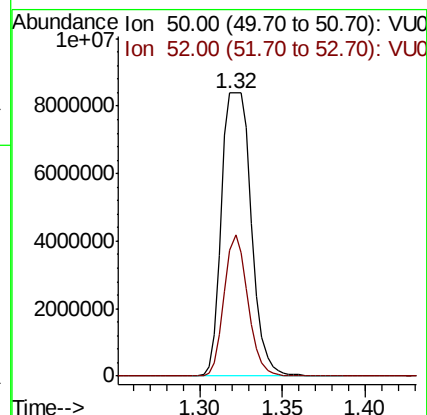
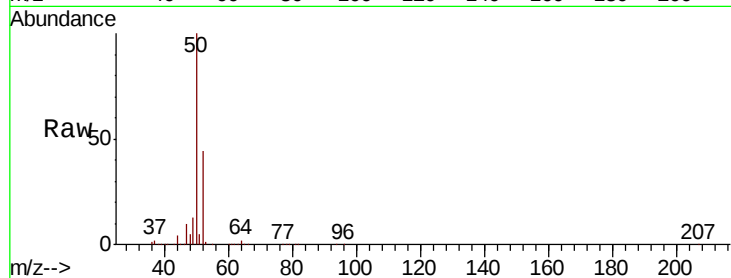
C0959

Tgt Ion: 50 Resp:10455908

Ion Ratio Lower Upper

50 100

52 44.4 23.9 44.3#



#5

Vinyl chloride

Concen: 1.374 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU029906.D

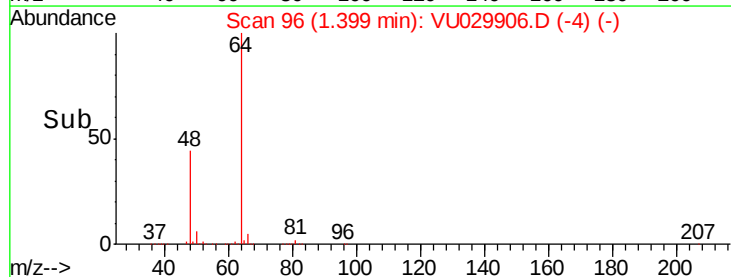
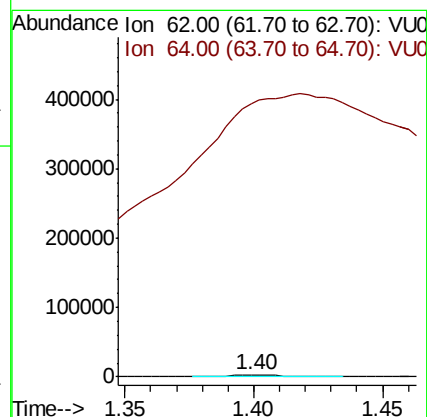
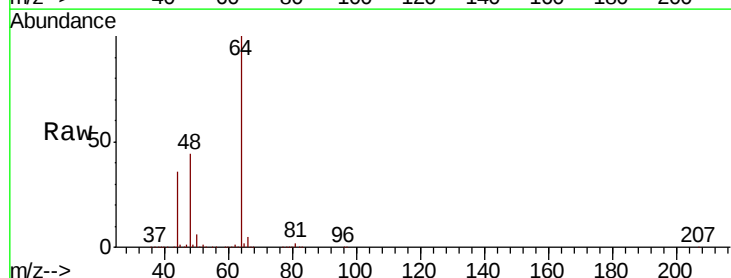
Acq: 08 Mar 2019 22:25

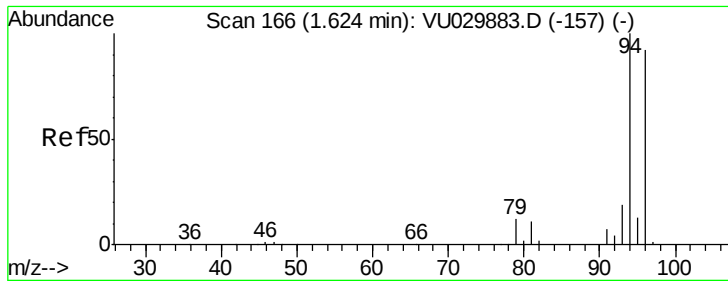
Tgt Ion: 62 Resp: 4753

Ion Ratio Lower Upper

62 100

64 11472.6 23.7 43.9#





#6

Bromomethane

Concen: 2.097 ug/L

RT: 1.62 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

Instrument :

MSVOA\_U

ClientSampleId :

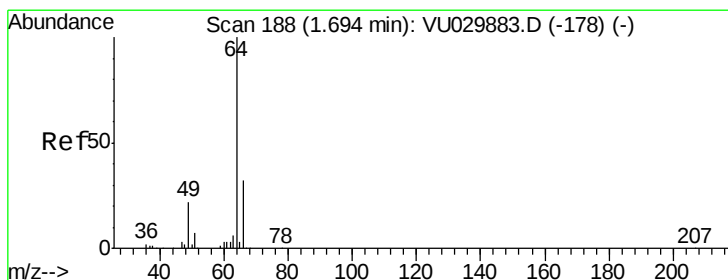
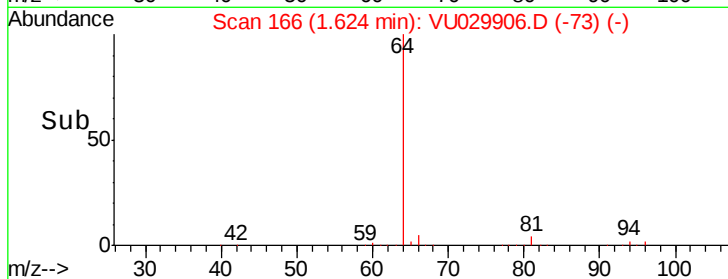
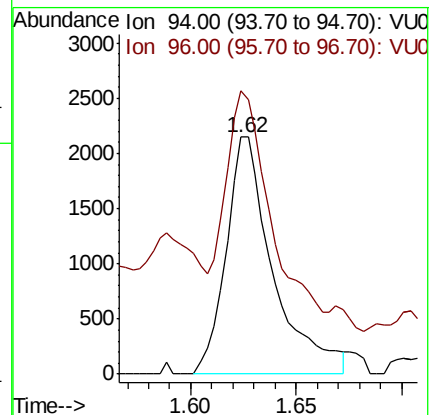
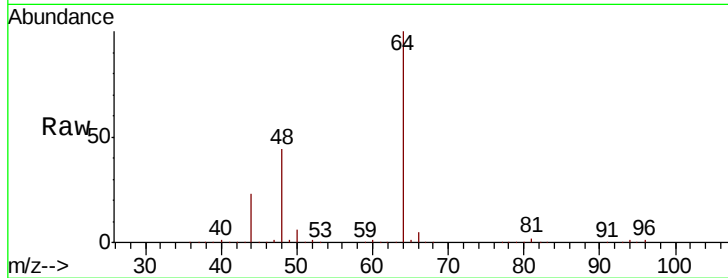
C0959

Tgt Ion: 94 Resp: 3312

Ion Ratio Lower Upper

94 100

96 119.3 66.4 123.2



#8

Chloroethane

Concen: 103.741 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.16 min

Lab File: VU029906.D

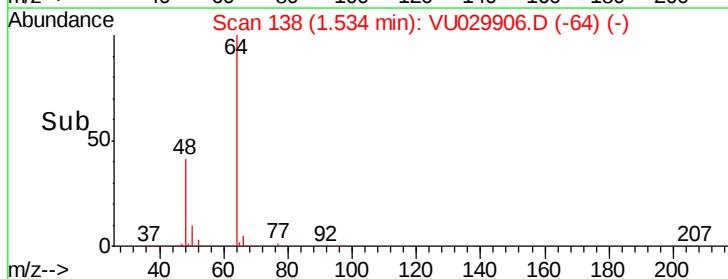
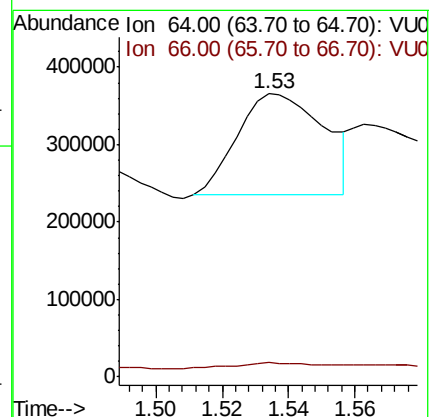
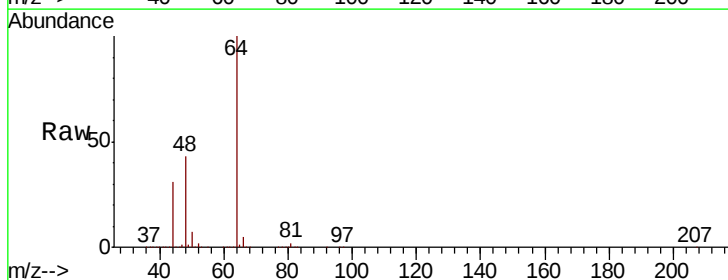
Acq: 08 Mar 2019 22:25

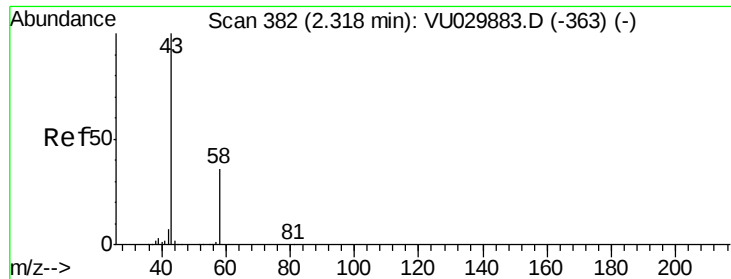
Tgt Ion: 64 Resp: 238773

Ion Ratio Lower Upper

64 100

66 4.9 22.0 41.0#





#13

Acetone

Concen: 14.218 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

Instrument :

MSVOA\_U

ClientSampleId :

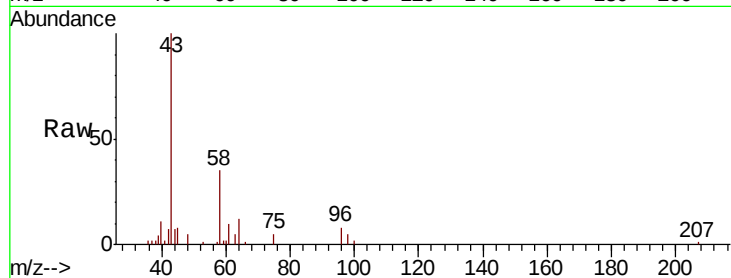
C0959

Tgt Ion: 43 Resp: 28699

Ion Ratio Lower Upper

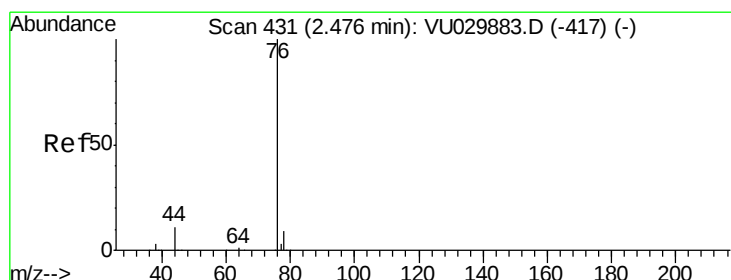
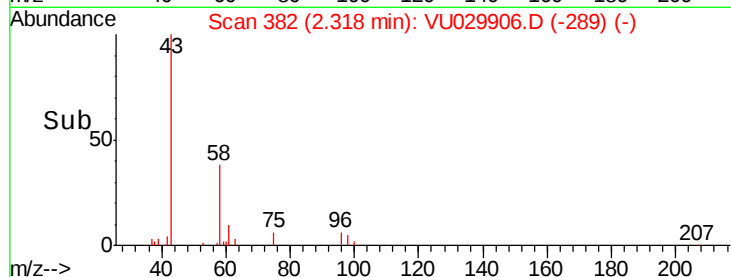
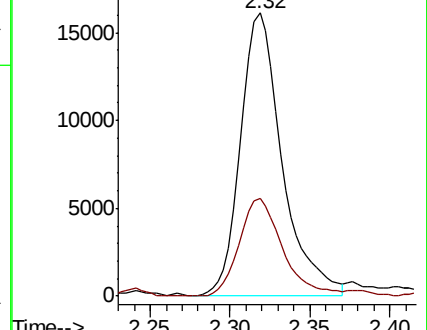
43 100

58 35.9 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU029883.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU029883.D (-363) (-)



#14

Carbon disulfide

Concen: 1.162 ug/L

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU029906.D

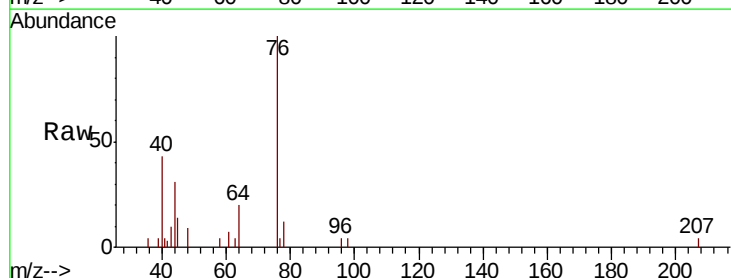
Acq: 08 Mar 2019 22:25

Tgt Ion: 76 Resp: 8536

Ion Ratio Lower Upper

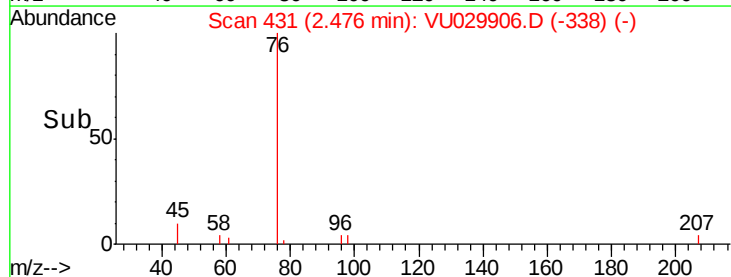
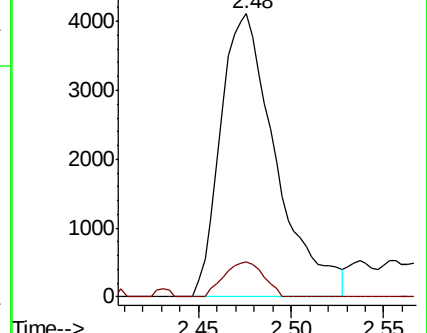
76 100

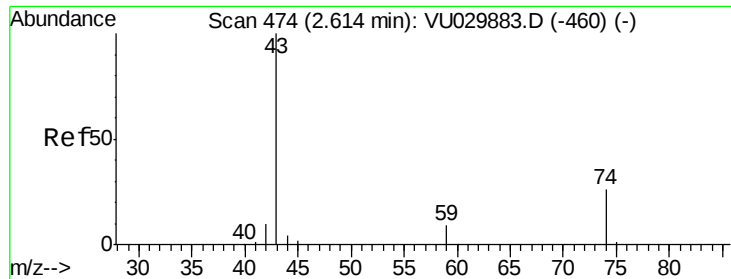
78 12.2 7.4 11.2#



Abundance Ion 76.00 (75.70 to 76.70): VU029883.D (-417) (-)

Ion 78.00 (77.70 to 78.70): VU029883.D (-417) (-)





#15

Methyl Acetate

Concen: 4.669 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

Instrument :

MSVOA\_U

ClientSampleId :

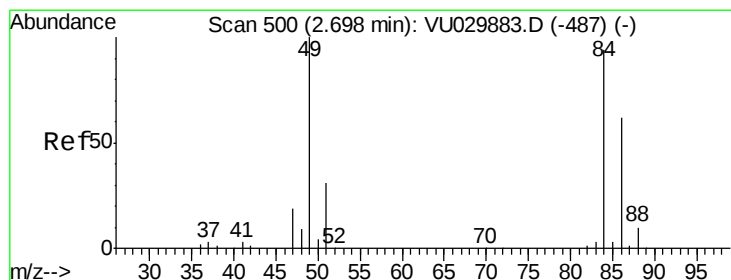
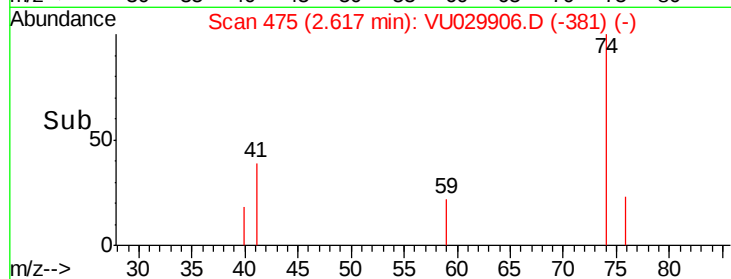
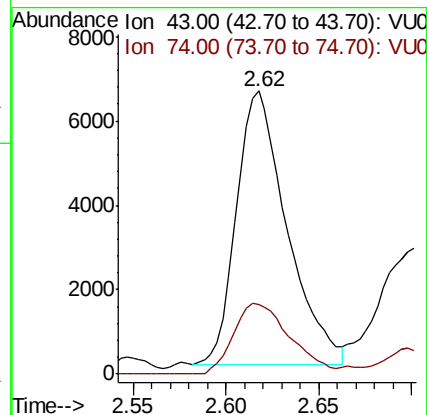
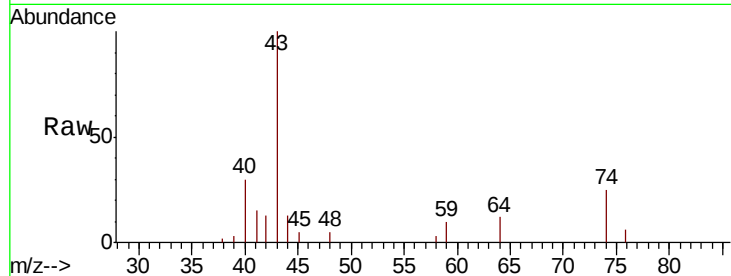
C0959

Tgt Ion: 43 Resp: 12233

Ion Ratio Lower Upper

43 100

74 28.9 21.5 32.3



#16

Methylene chloride

Concen: 590.476 ug/L

RT: 2.70 min Scan# 501

Delta R.T. 0.00 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

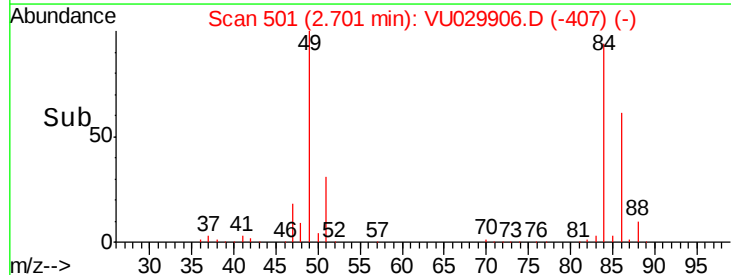
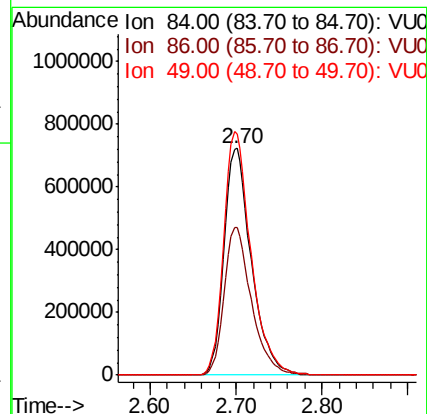
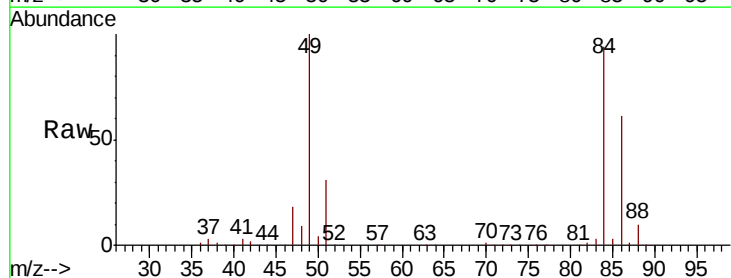
Tgt Ion: 84 Resp: 1602790

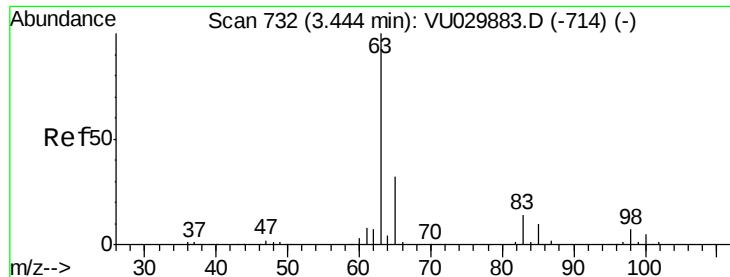
Ion Ratio Lower Upper

84 100

86 65.1 45.8 85.0

49 106.5 75.1 139.5

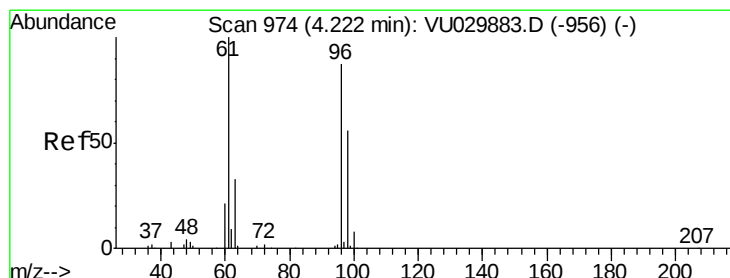
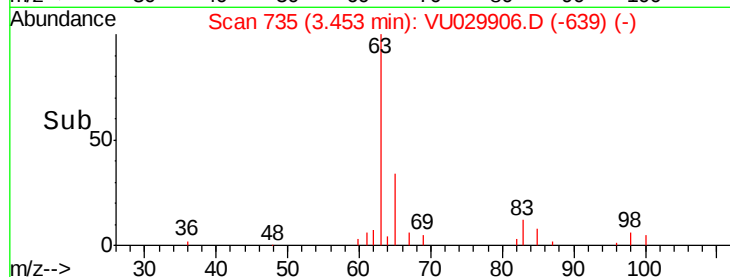
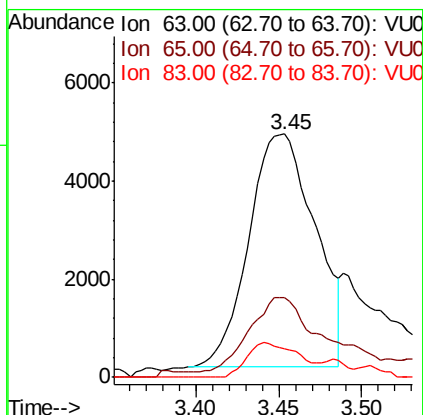
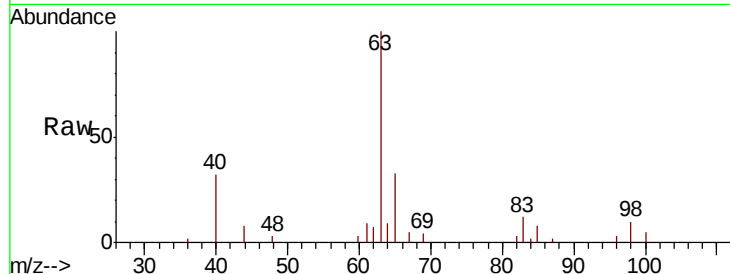




#19  
 1,1-Dichloroethane  
 Concen: 2.956 ug/L  
 RT: 3.45 min Scan# 735  
 Delta R.T. 0.01 min  
 Lab File: VU029906.D  
 Acq: 08 Mar 2019 22:25

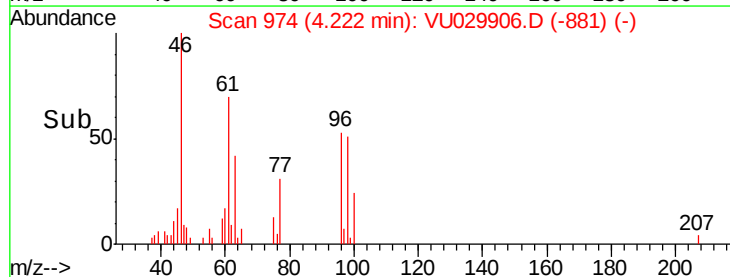
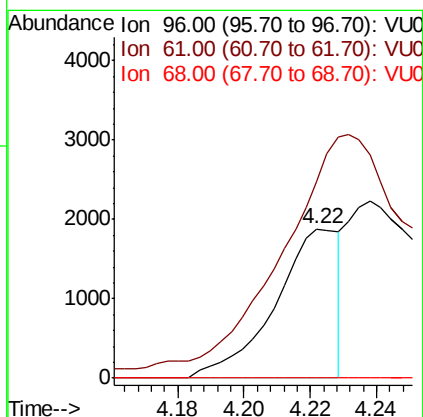
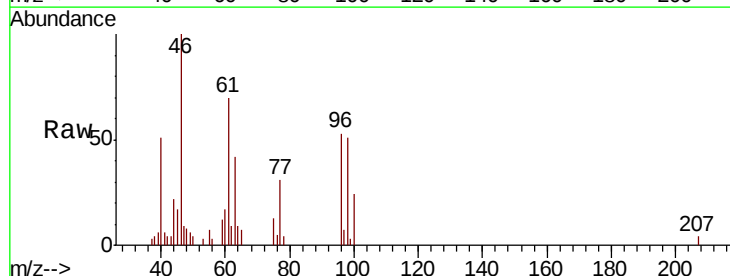
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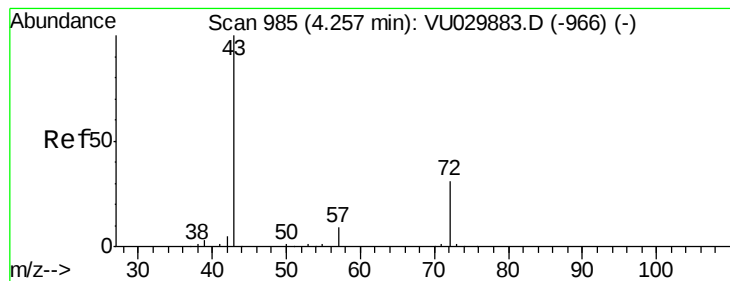
Tgt Ion: 63 Resp: 13233  
 Ion Ratio Lower Upper  
 63 100  
 65 32.6 22.3 41.3  
 83 11.8 9.9 18.3



#20  
 cis-1,2-Dichloroethene  
 Concen: 0.842 ug/L  
 RT: 4.22 min Scan# 974  
 Delta R.T. 0.00 min  
 Lab File: VU029906.D  
 Acq: 08 Mar 2019 22:25

Tgt Ion: 96 Resp: 2533  
 Ion Ratio Lower Upper  
 96 100  
 61 131.6 83.9 155.7  
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 6.730 ug/L

RT: 4.27 min Scan# 988

Delta R.T. 0.01 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

Instrument :

MSVOA\_U

ClientSampleId :

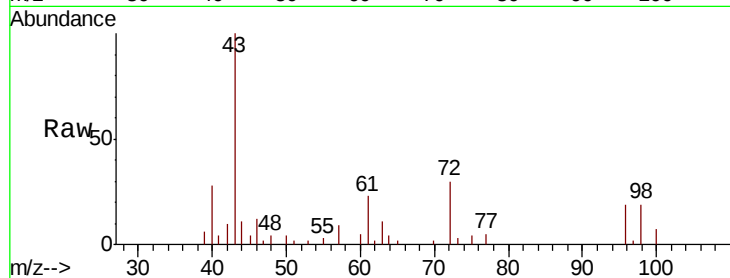
C0959

Tgt Ion: 43 Resp: 15503

Ion Ratio Lower Upper

43 100

72 23.0 15.2 45.6



Abundance Ion 43.00 (42.70 to 43.70): VU029883.D (-966) (-)

Ion 72.00 (71.70 to 72.70): VU029883.D (-966) (-)

6000

5000

4000

3000

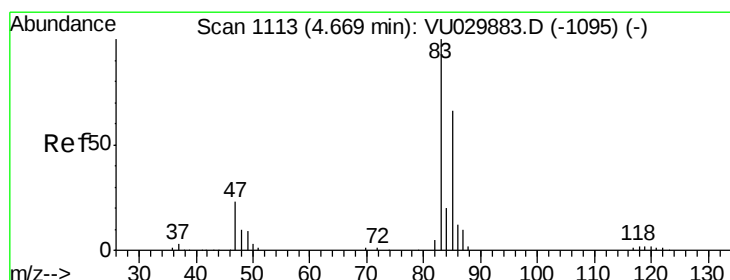
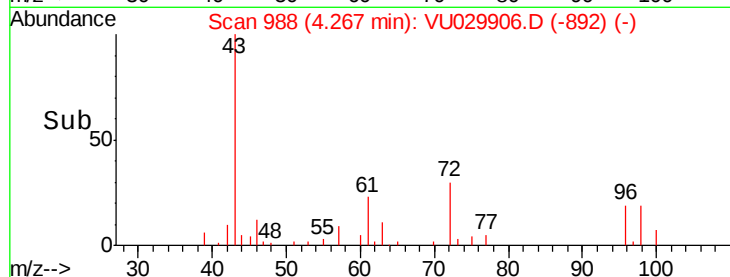
2000

1000

0

4.20 4.25 4.30 4.35

Time-->



#25

Chloroform

Concen: 887.249 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029906.D

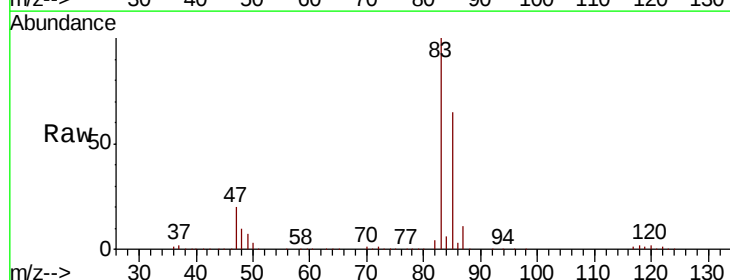
Acq: 08 Mar 2019 22:25

Tgt Ion: 83 Resp: 4431854

Ion Ratio Lower Upper

83 100

85 65.1 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU029883.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU029883.D (-1095) (-)

1500000

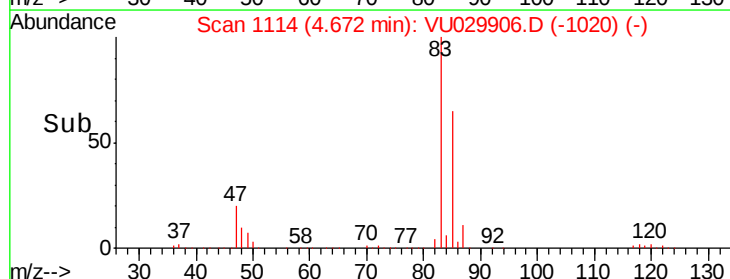
1000000

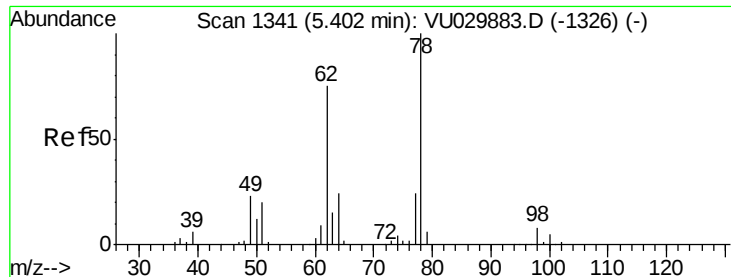
500000

0

4.60 4.65 4.70 4.75 4.80

Time-->

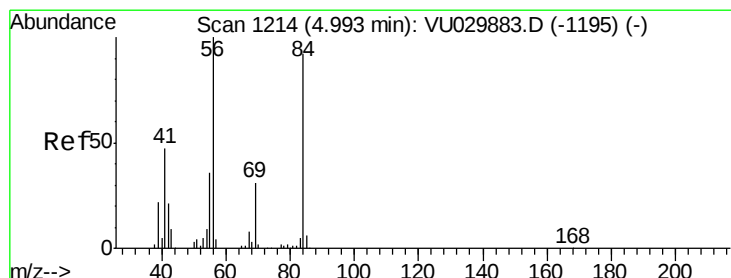
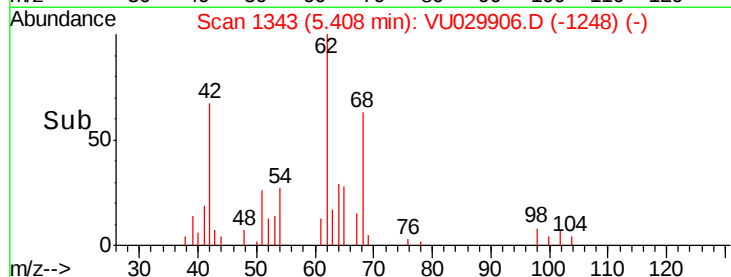
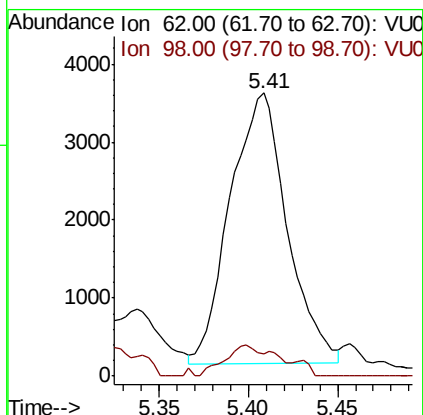
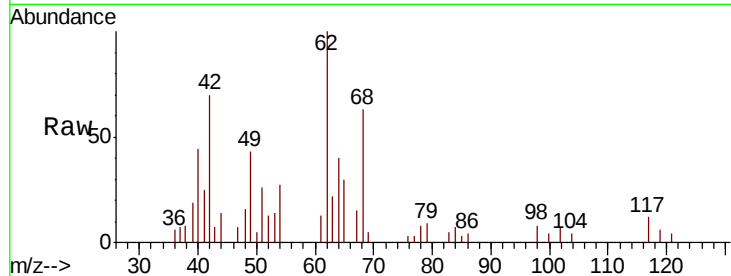




#27  
 1,2-Dichloroethane  
 Concen: 2.020 ug/L  
 RT: 5.41 min Scan# 1343  
 Delta R.T. 0.01 min  
 Lab File: VU029906.D  
 Acq: 08 Mar 2019 22:25

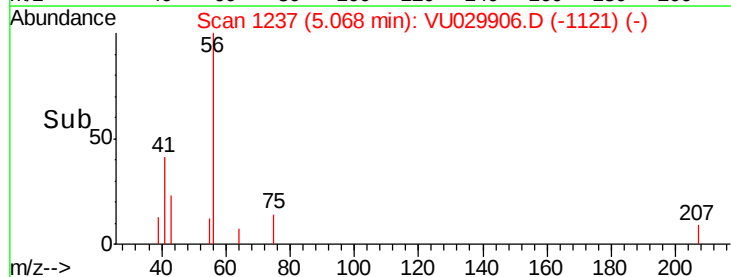
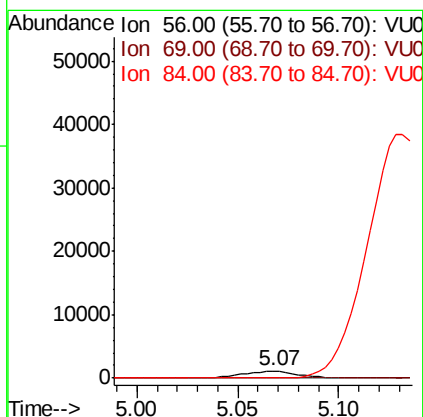
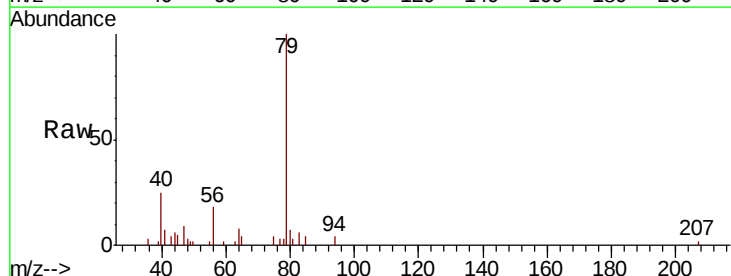
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 C0959

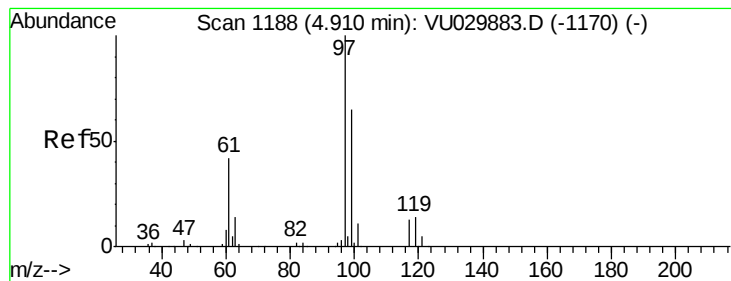
Tgt Ion: 62 Resp: 7756  
 Ion Ratio Lower Upper  
 62 100  
 98 8.0 7.8 11.8



#29  
 Cyclohexane  
 Concen: 2.731 ug/L  
 RT: 5.07 min Scan# 1237  
 Delta R.T. 0.07 min  
 Lab File: VU029906.D  
 Acq: 08 Mar 2019 22:25

Tgt Ion: 56 Resp: 2195  
 Ion Ratio Lower Upper  
 56 100  
 69 0.0 25.7 38.5#  
 84 47.2 77.1 115.7#





#30

1,1,1-Trichloroethane

Concen: 57.019 ug/L

RT: 4.91 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

Instrument :

MSVOA\_U

ClientSampled :

C0959

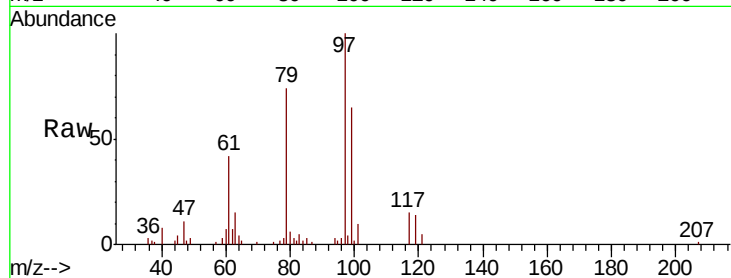
Tgt Ion: 97 Resp: 49103

Ion Ratio Lower Upper

97 100

99 65.1 51.4 77.0

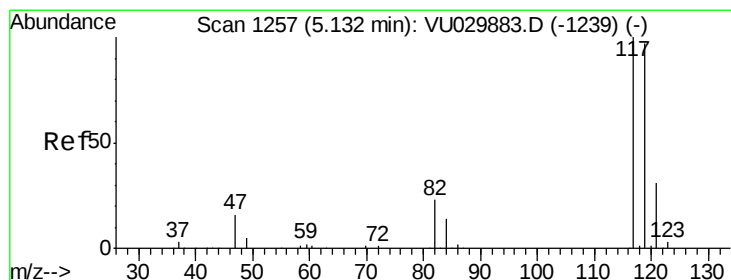
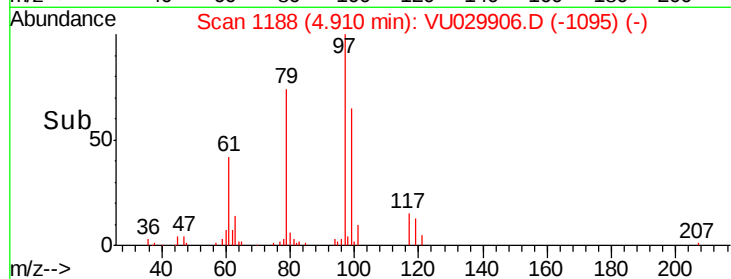
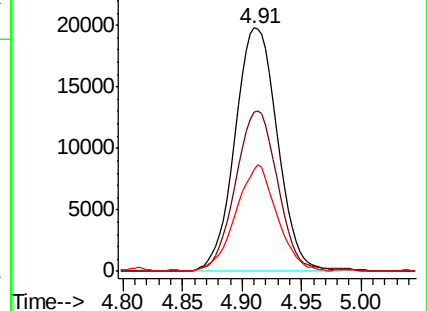
61 42.4 32.3 48.5



Abundance Ion 97.00 (96.70 to 97.70): VU029883.D (-1170) (-)

Ion 99.00 (98.70 to 99.70): VU029883.D (-1170) (-)

Ion 61.05 (60.75 to 61.75): VU029883.D (-1170) (-)



#31

Carbon tetrachloride

Concen: 811.070 ug/L

RT: 5.13 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VU029906.D

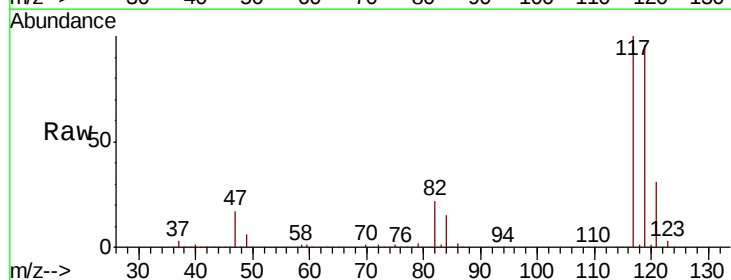
Acq: 08 Mar 2019 22:25

Tgt Ion: 117 Resp: 632182

Ion Ratio Lower Upper

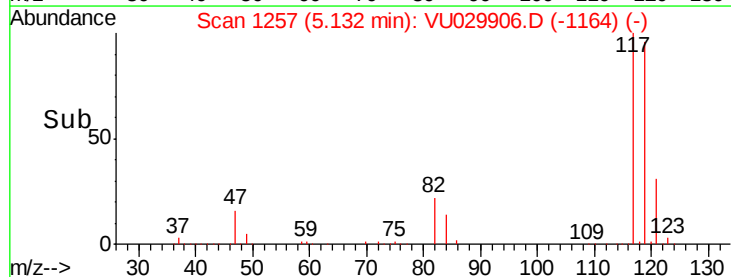
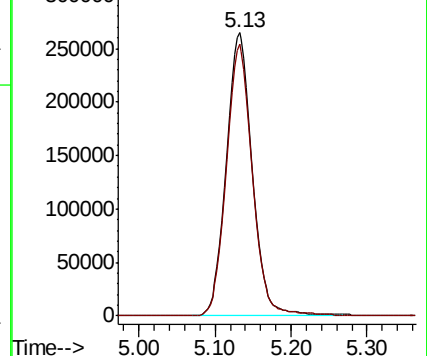
117 100

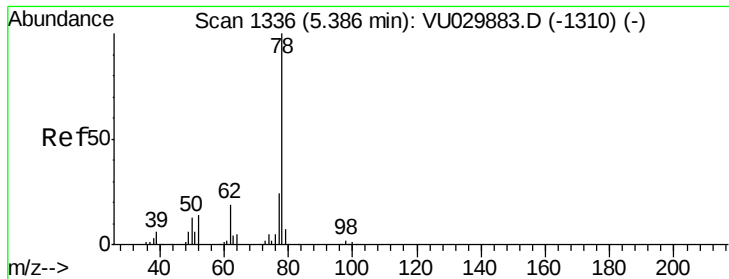
119 96.3 77.8 116.8



Abundance Ion 117.00 (116.70 to 117.70): VU029883.D (-1239) (-)

Ion 119.00 (118.70 to 119.70): VU029883.D (-1239) (-)





#33

Benzene

Concen: 0.510 ug/L

RT: 5.39 min Scan# 1338

Delta R.T. 0.01 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

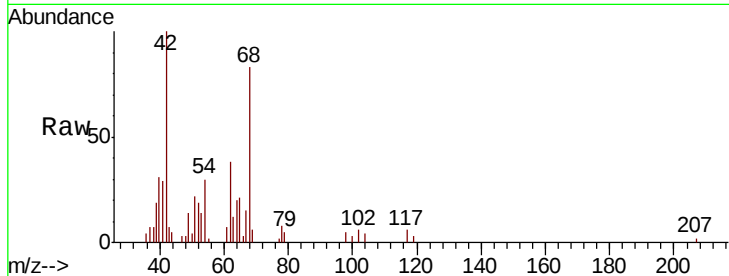
Instrument :

MSVOA\_U

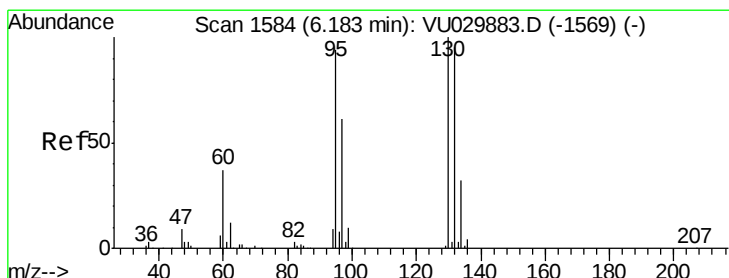
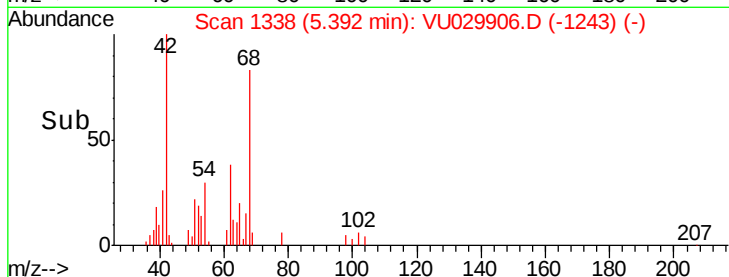
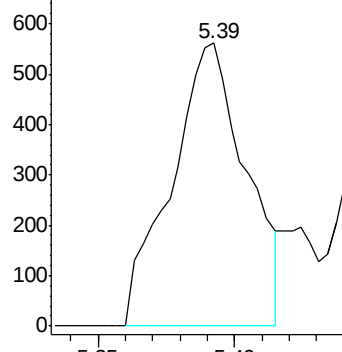
ClientSampleId :

C0959

Tgt Ion: 78 Resp: 1062



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 656.726 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

Tgt Ion: 95 Resp: 368395

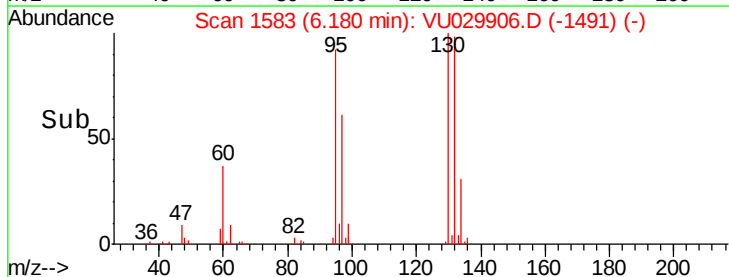
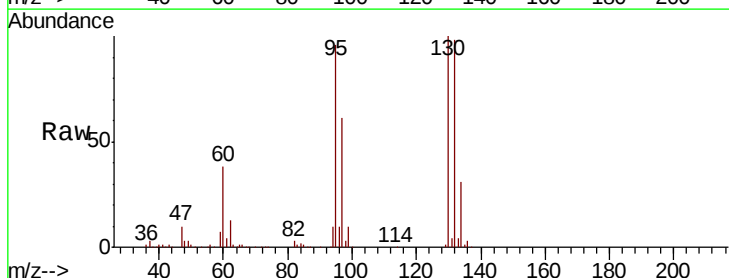
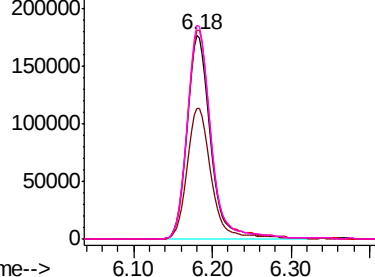
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.2  | 44.6  | 82.8  |
| 132 | 102.2 | 74.6  | 138.6 |
| 130 | 104.6 | 77.2  | 143.4 |

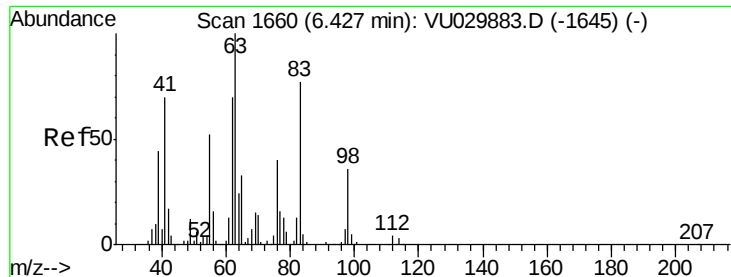
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#37

1,2-Dichloropropane

Concen: 13.353 ug/L

RT: 6.43 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

Instrument :

MSVOA\_U

ClientSampleId :

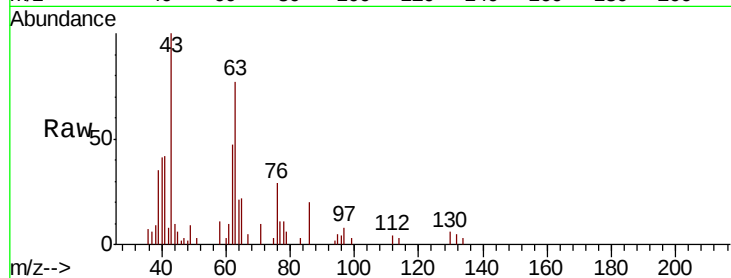
C0959

Tgt Ion: 63 Resp: 7299

Ion Ratio Lower Upper

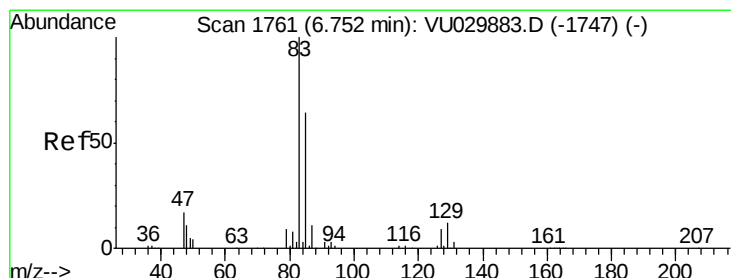
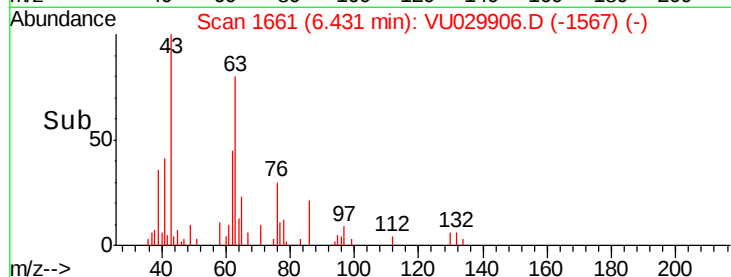
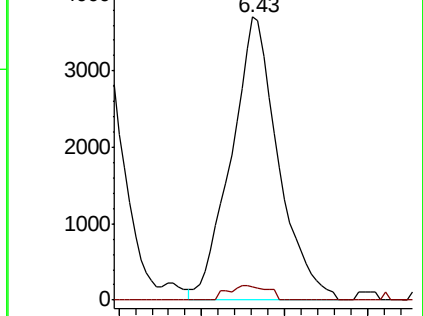
63 100

112 1.6 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



#38

Bromodichloromethane

Concen: 514.040 ug/L

RT: 6.75 min Scan# 1761

Delta R.T. 0.00 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

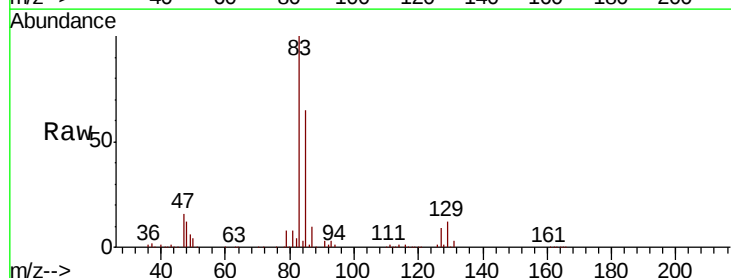
Tgt Ion: 83 Resp: 378808

Ion Ratio Lower Upper

83 100

85 64.8 44.2 82.0

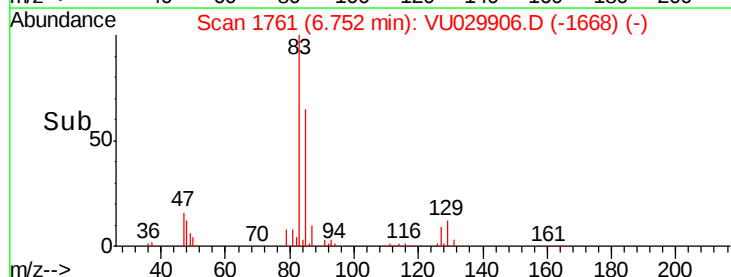
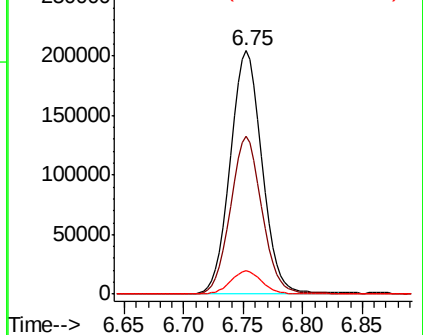
127 9.5 8.3 12.5

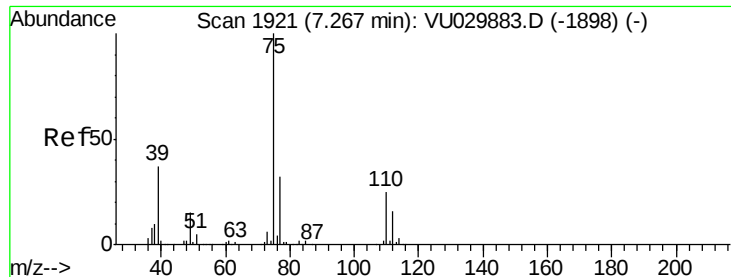


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V

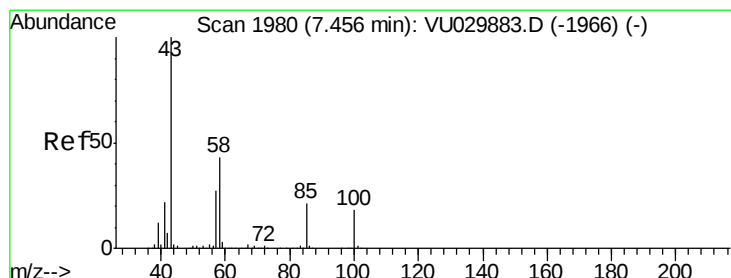
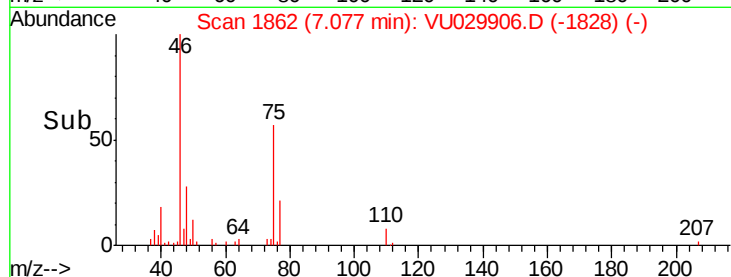
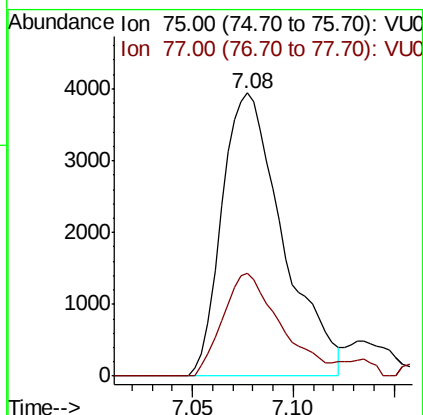
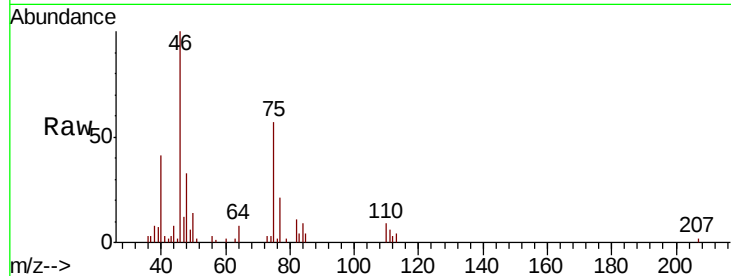




#39  
 cis-1,3-Dichloropropene  
 Concen: 9.391 ug/L  
 RT: 7.08 min Scan# 1862  
 Delta R.T. -0.19 min  
 Lab File: VU029906.D  
 Acq: 08 Mar 2019 22:25

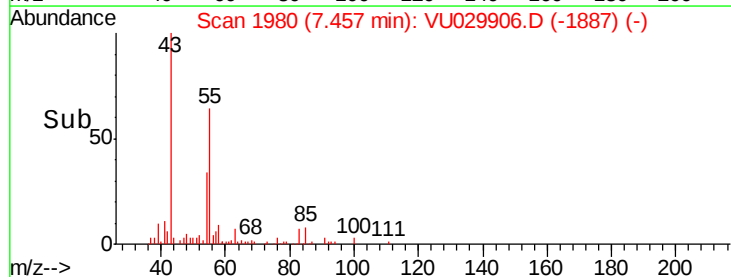
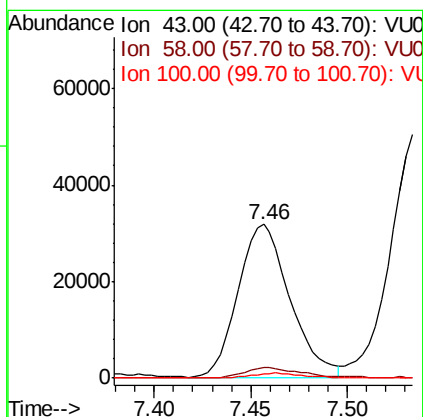
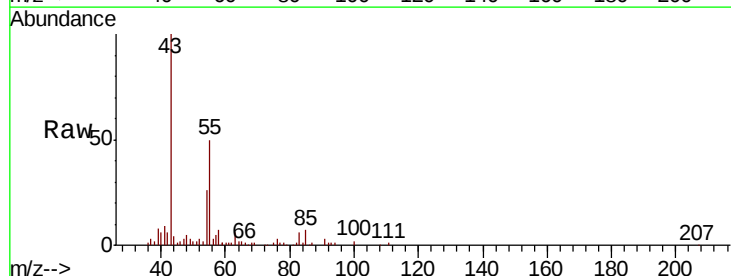
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0959

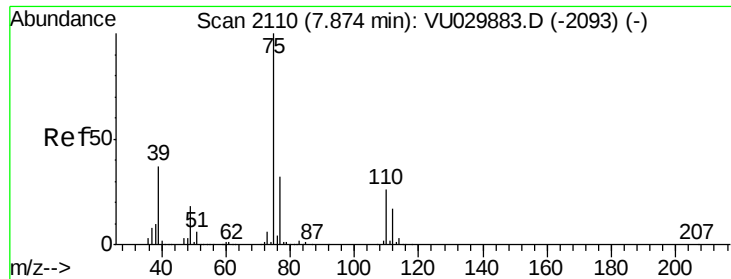
Tgt Ion: 75 Resp: 8282  
 Ion Ratio Lower Upper  
 75 100  
 77 36.4 22.3 41.5



#40  
 4-Methyl-2-pentanone  
 Concen: 76.575 ug/L  
 RT: 7.46 min Scan# 1980  
 Delta R.T. 0.00 min  
 Lab File: VU029906.D  
 Acq: 08 Mar 2019 22:25

Tgt Ion: 43 Resp: 58861  
 Ion Ratio Lower Upper  
 43 100  
 58 7.5 33.0 49.4#  
 100 3.1 14.5 21.7#





#44

trans-1,3-Dichloropropene

Concen: 9.310 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

Instrument :

MSVOA\_U

ClientSampleId :

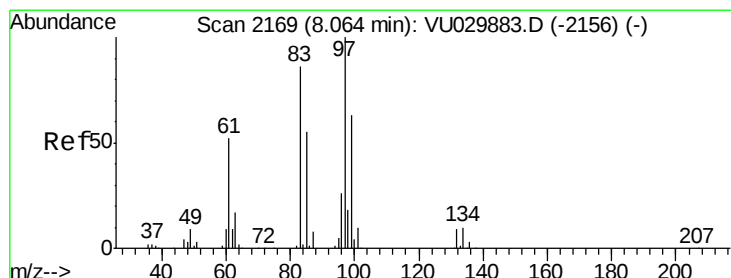
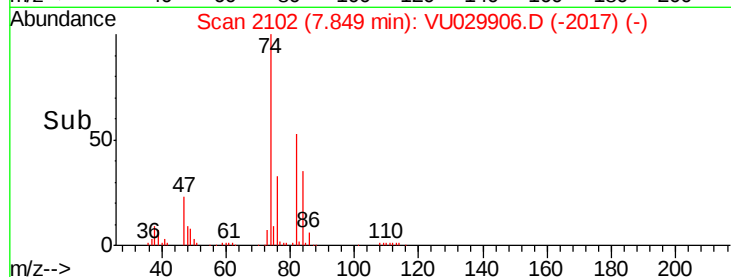
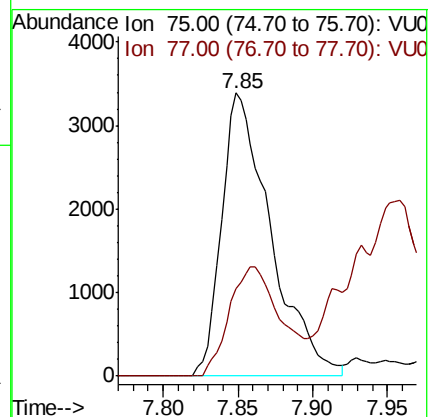
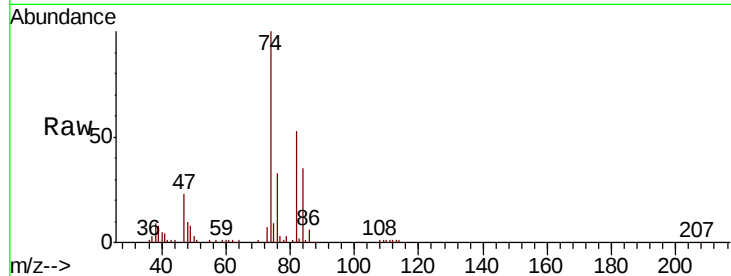
C0959

Tgt Ion: 75 Resp: 7738

Ion Ratio Lower Upper

75 100

77 30.7 22.1 41.1



#45

1,1,2-Trichloroethane

Concen: 16.008 ug/L

RT: 8.06 min Scan# 2169

Delta R.T. 0.00 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

Tgt Ion: 97 Resp: 9327

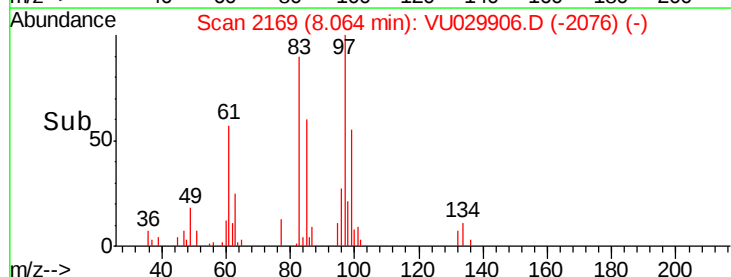
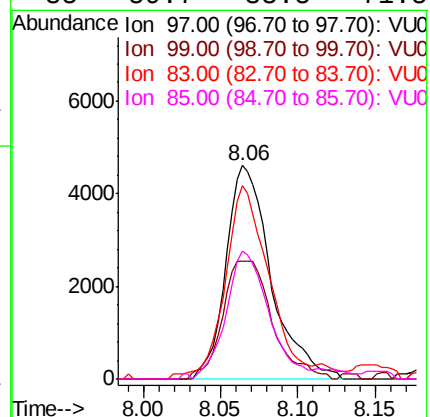
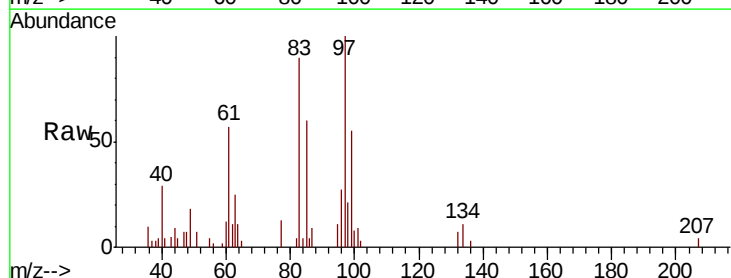
Ion Ratio Lower Upper

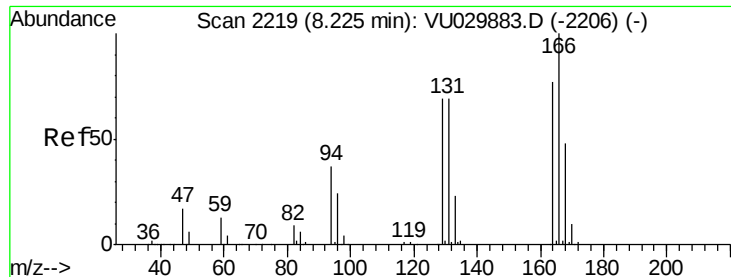
97 100

99 55.1 43.8 81.3

83 90.3 57.7 107.1

85 59.7 38.5 71.5





#46

Tetrachloroethene

Concen: 55.683 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

Instrument :

MSVOA\_U

ClientSampleId :

C0959

Tgt Ion:164 Resp: 30573

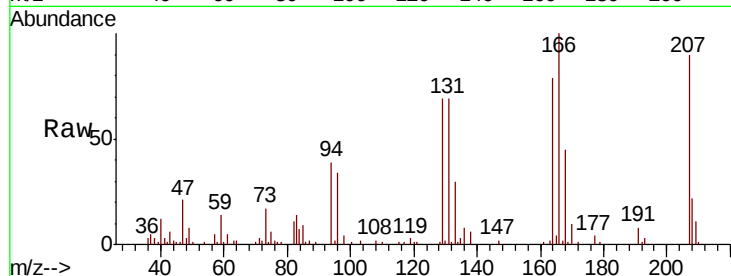
Ion Ratio Lower Upper

164 100

129 87.6 62.1 115.3

131 87.6 60.1 111.5

166 126.8 89.7 166.5

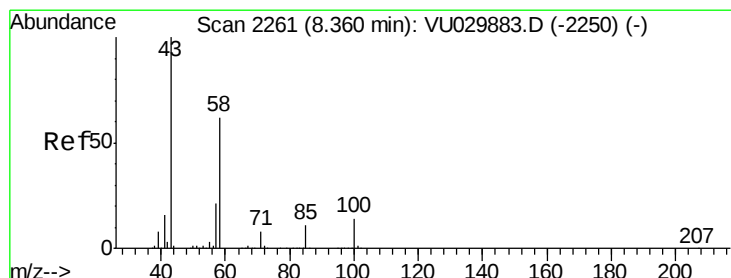
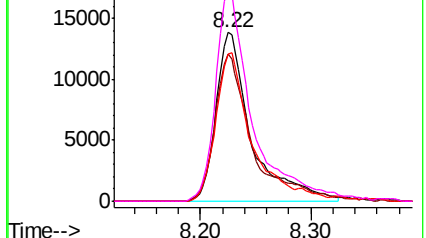
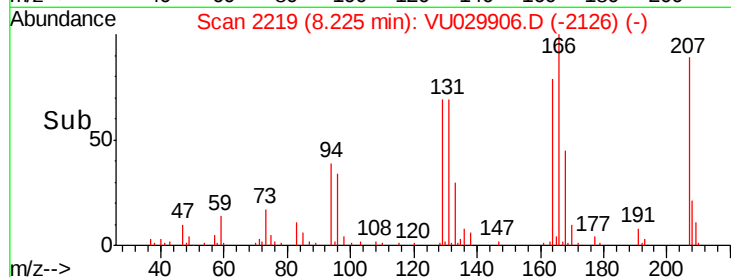


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 12.243 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.01 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

Tgt Ion: 43 Resp: 8221

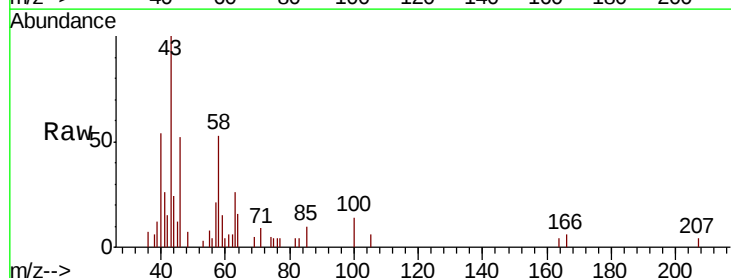
Ion Ratio Lower Upper

43 100

58 0.0 46.4 69.6#

57 1.8 15.7 23.5#

100 0.0 10.9 16.3#

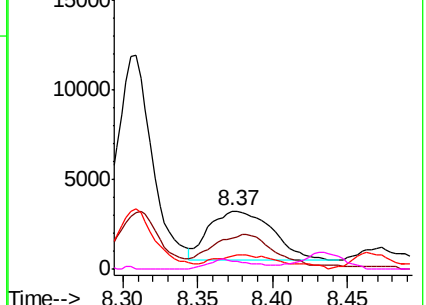
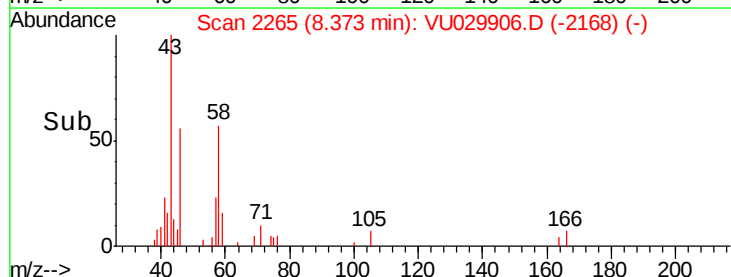


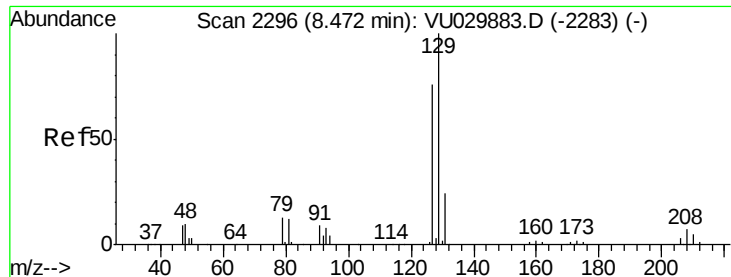
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#49

Dibromochloromethane

Concen: 86.283 ug/L

RT: 8.47 min Scan# 2296

Delta R.T. 0.00 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

Instrument :

MSVOA\_U

ClientSampleId :

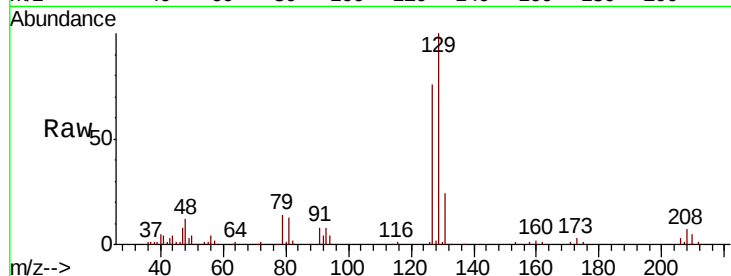
C0959

Tgt Ion:129 Resp: 60944

Ion Ratio Lower Upper

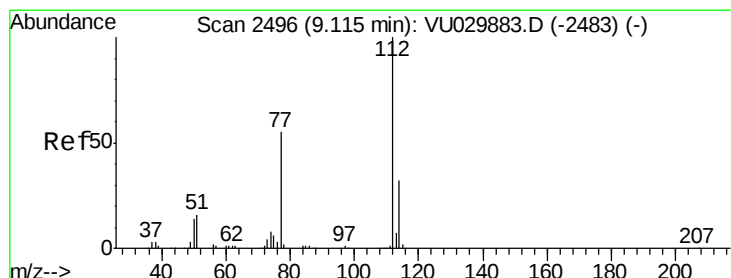
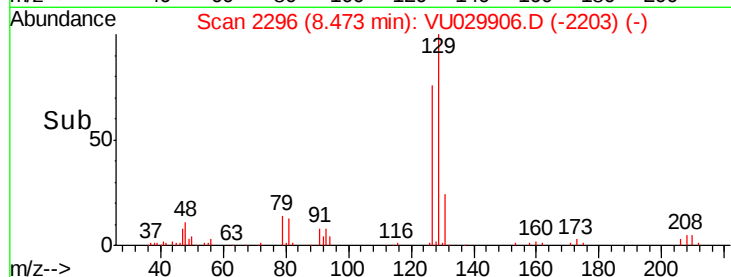
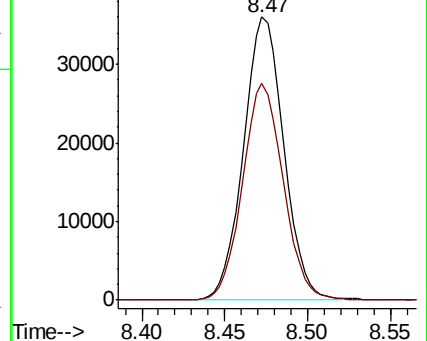
129 100

127 76.4 54.4 101.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#51

Chlorobenzene

Concen: 3.342 ug/L

RT: 9.14 min Scan# 2505

Delta R.T. 0.03 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

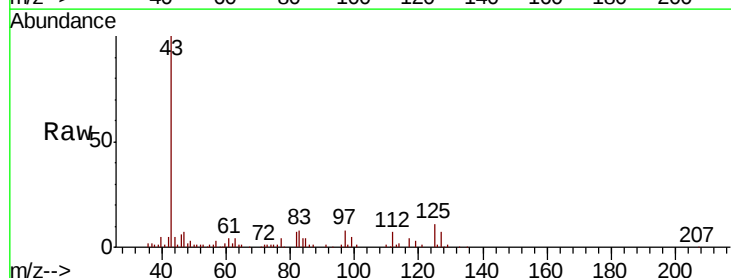
Tgt Ion:112 Resp: 5648

Ion Ratio Lower Upper

112 100

114 25.5 22.7 42.1

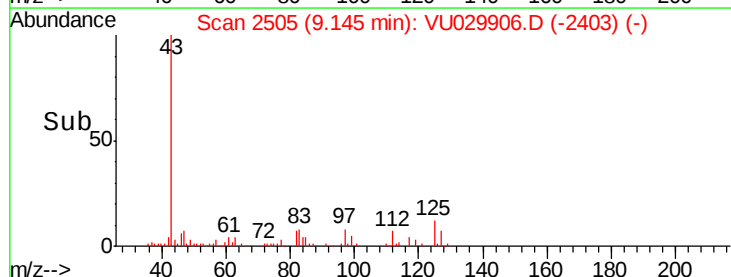
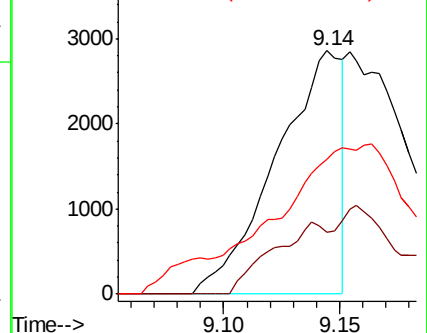
77 55.5 42.1 63.1

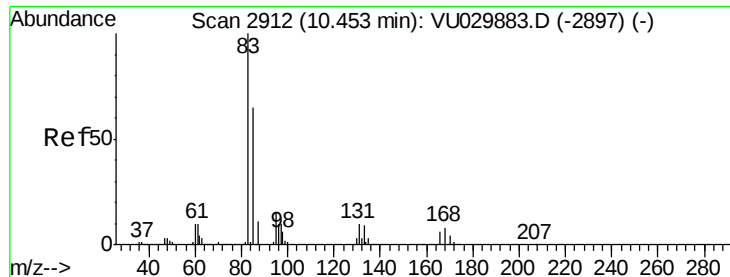


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#58

1,1,2,2-Tetrachloroethane

Concen: 7.346 ug/L

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

Instrument :

MSVOA\_U

ClientSampled :

C0959

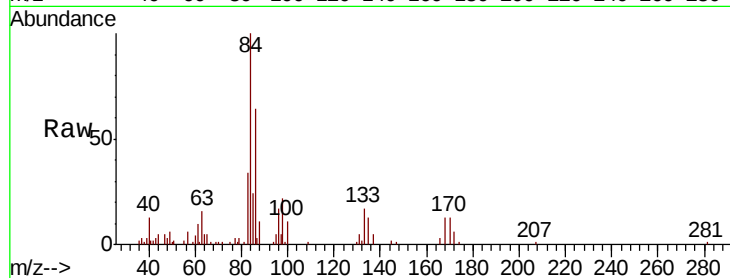
Tgt Ion: 83 Resp: 7568

Ion Ratio Lower Upper

83 100

85 68.5 45.5 84.5

131 14.1 8.6 12.8#

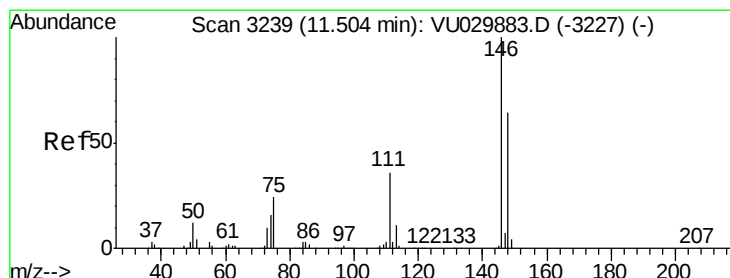
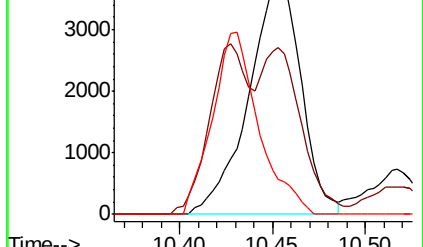
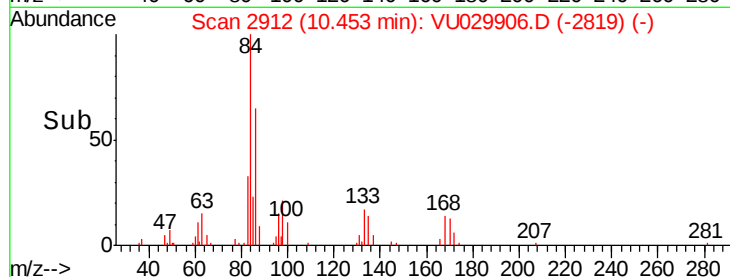


Abundance Ion 83.00 (82.70 to 83.70): VU029883.D (-2897) (-)

Ion 85.00 (84.70 to 85.70): VU029883.D (-2897) (-)

Ion 131.00 (130.70 to 131.70): VU029883.D (-2897) (-)

Time-->



#63

1,4-Dichlorobenzene

Concen: 0.814 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU029906.D

Acq: 08 Mar 2019 22:25

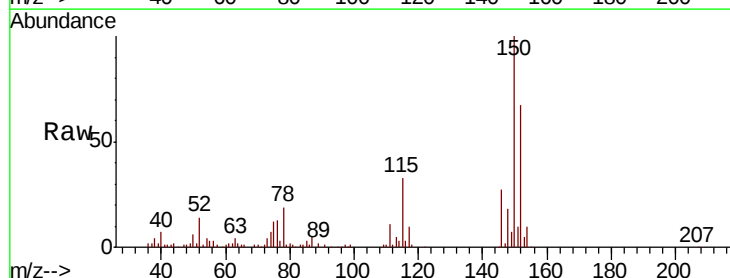
Tgt Ion: 146 Resp: 16733

Ion Ratio Lower Upper

146 100

111 40.1 25.1 46.5

148 66.4 45.0 83.6



Abundance Ion 146.00 (145.70 to 146.70): VU029883.D (-3227) (-)

Ion 111.00 (110.70 to 111.70): VU029883.D (-3227) (-)

Ion 148.00 (147.70 to 148.70): VU029883.D (-3227) (-)

Time-->

