

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\  
 Data File : VU028563.D  
 Acq On : 10 Dec 2018 20:00  
 Operator : MD/SY  
 Sample : J6325-05  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RE-125D1-20181204

Quant Time: Dec 11 03:40:19 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U120618W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 07 00:39:42 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.98  | 168  | 84112    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 157182   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 142862   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 55077    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 72958    | 56.84 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 113.68% |          |
| 35) Dibromofluoromethane    | 4.88  | 113  | 53504    | 54.09 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.18% |          |
| 50) Toluene-d8              | 7.57  | 98   | 206726   | 52.83 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.66% |          |
| 62) 4-Bromofluorobenzene    | 10.30 | 95   | 66081    | 45.18 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 90.36%  |          |

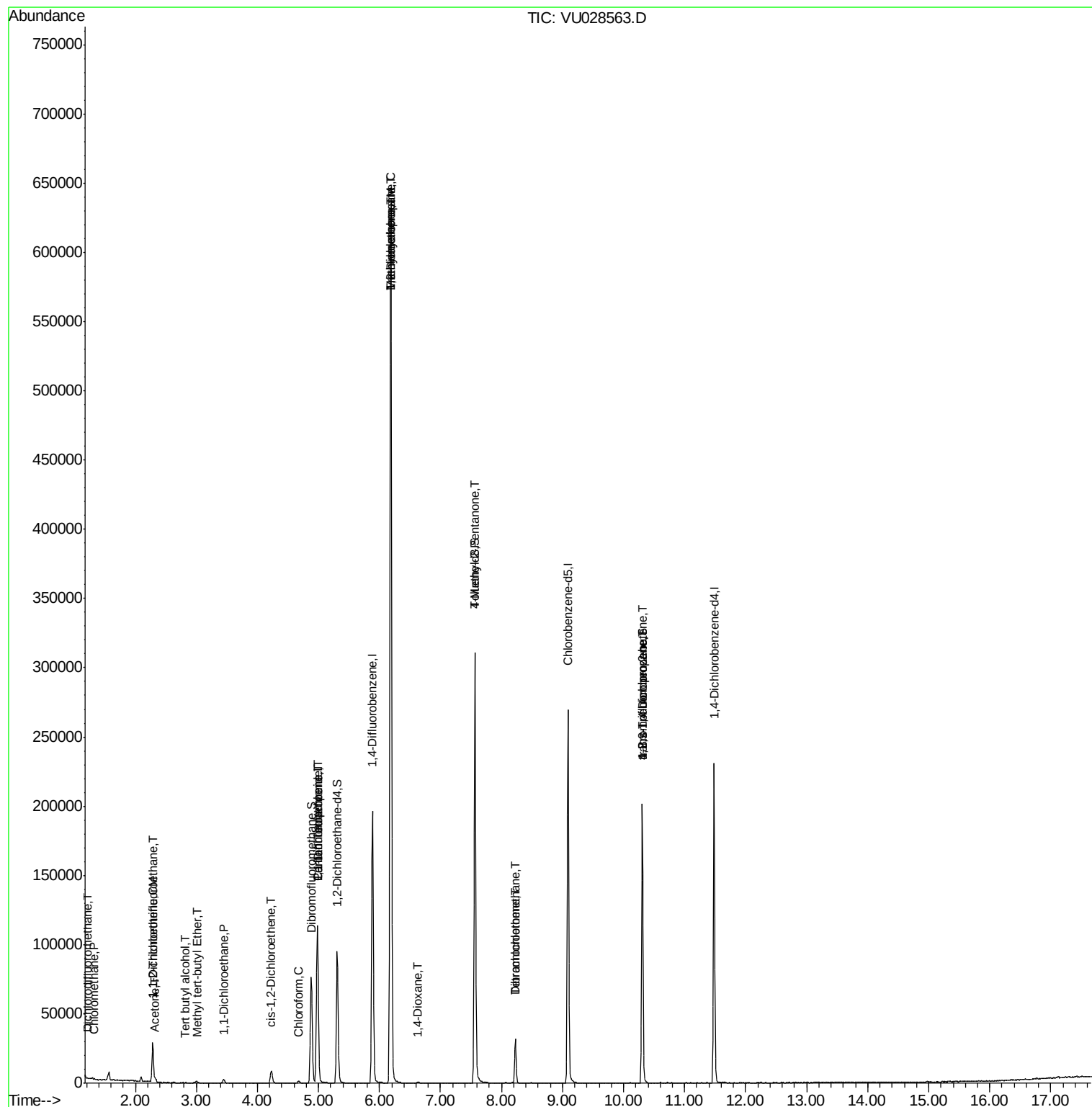
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.21  | 85   | 314      | 0.279     | ug/l # | 43     |
| 3) Chloromethane               | 1.33  | 50   | 958      | 0.462     | ug/l # | 87     |
| 9) 1,1,2-Trichlorotrifluoroet  | 2.29  | 101  | 8794     | 9.343     | ug/l   | 98     |
| 11) Tert butyl alcohol         | 2.82  | 59   | 235      | 0.822     | ug/l # | 73     |
| 12) 1,1-Dichloroethene         | 2.28  | 96   | 2037     | 2.175     | ug/l   | 96     |
| 16) Acetone                    | 2.32  | 43   | 4064     | 4.852     | ug/l   | 100    |
| 19) Methyl tert-butyl Ether    | 3.00  | 73   | 1373     | 0.387     | ug/l   | 94     |
| 24) 1,1-Dichloroethane         | 3.45  | 63   | 3340     | 1.481     | ug/l # | 85     |
| 27) cis-1,2-Dichloroethene     | 4.23  | 96   | 4978     | 4.171     | ug/l   | 87     |
| 30) Chloroform                 | 4.68  | 83   | 1352     | 0.688     | ug/l   | 100    |
| 31) Cyclohexane                | 4.99  | 56   | 2026     | Below Cal | #      | 3      |
| 36) 1,1-Dichloropropene        | 4.98  | 75   | 7184     | 4.177     | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 4.98  | 117  | 8446     | 6.092     | ug/l # | 15     |
| 39) Methylcyclohexane          | 6.18  | 83   | 2744     | 1.308     | ug/l # | 1      |
| 44) Trichloroethene            | 6.19  | 130  | 208623   | 185.215   | ug/l   | 96     |
| 45) 1,2-Dichloropropane        | 6.18  | 63   | 784      | 0.550     | ug/l # | 1      |
| 49) 1,4-Dioxane                | 6.62  | 88   | 586      | 21.220    | ug/l # | 74     |
| 51) 4-Methyl-2-Pentanone       | 7.56  | 43   | 988      | 0.445     | ug/l # | 1      |
| 60) Dibromochloromethane       | 8.22  | 129  | 6825     | 5.915     | ug/l # | 10     |
| 64) Tetrachloroethene          | 8.22  | 164  | 7088     | 7.438     | ug/l   | 97     |
| 76) 1,2,3-Trichloropropane     | 10.31 | 75   | 36022    | 25.613    | ug/l # | 35     |
| 81) trans-1,4-Dichloro-2-buten | 10.31 | 75   | 36022    | 62.838    | ug/l # | 100    |

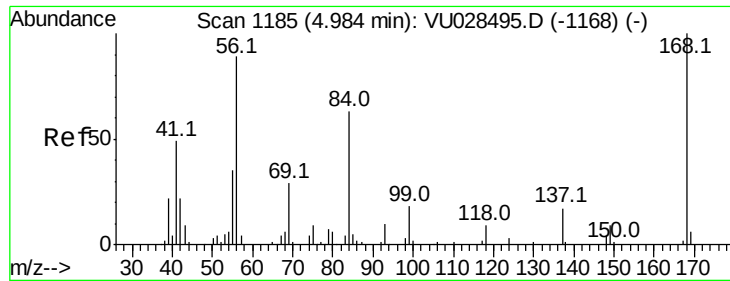
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\  
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Quant Time: Dec 11 03:40:19 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\82U120618W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 07 00:39:42 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028563.D

Acq: 10 Dec 2018 20:00

Instrument :

MSVOA\_U

ClientSampleId :

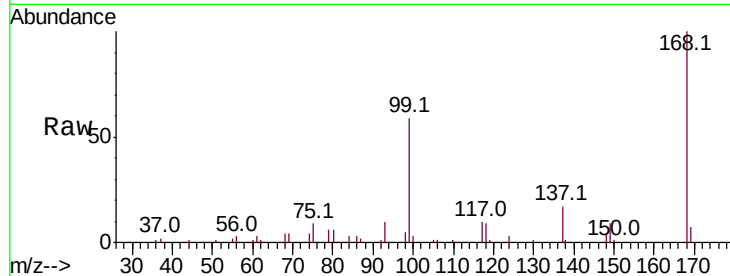
RE-125D1-20181204

Tot Ion:168 Resp: 84112

Ion Ratio Lower Upper

168 100

99 58.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

40000

30000

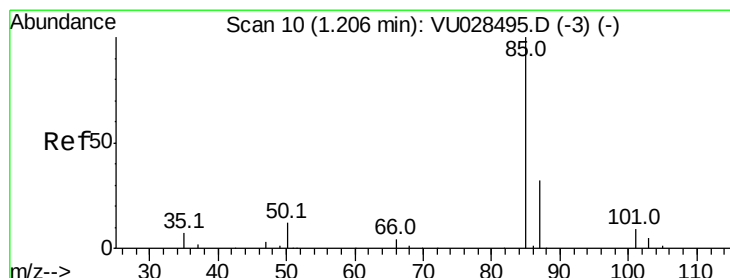
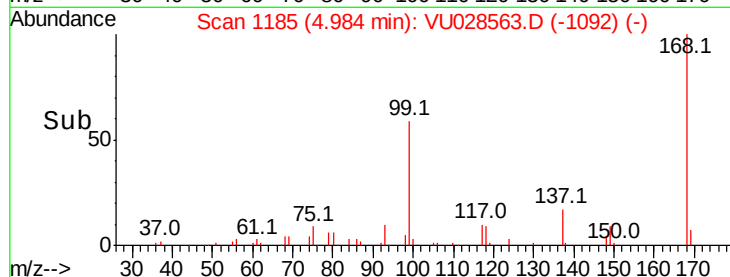
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 0.279 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU028563.D

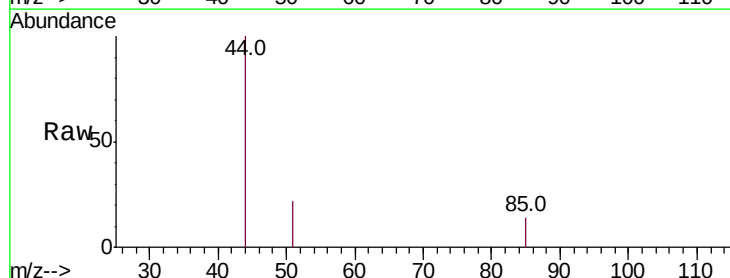
Acq: 10 Dec 2018 20:00

Tgt Ion: 85 Resp: 314

Ion Ratio Lower Upper

85 100

87 0.0 15.9 47.6#



Abundance Ion 84.90 (84.60 to 85.60): VU028495.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU028495.D (-3) (-)

1.21

400

300

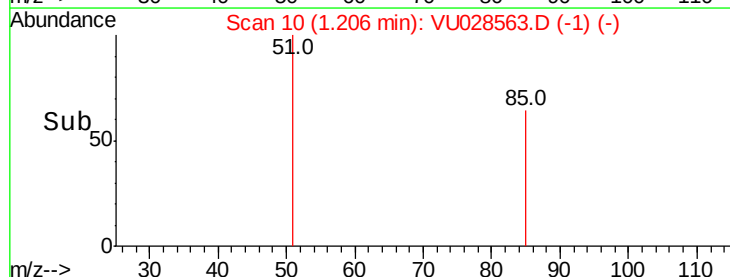
200

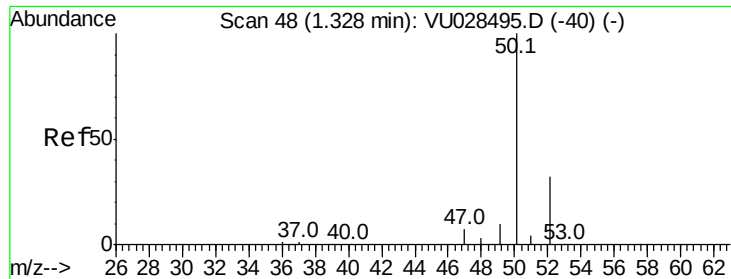
100

0

1.18 1.20 1.22

Time-->





#3

Chloromethane

Concen: 0.462 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU028563.D

Acq: 10 Dec 2018 20:00

Instrument :

MSVOA\_U

ClientSampleId :

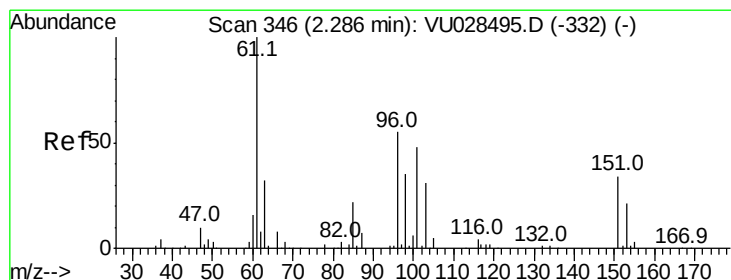
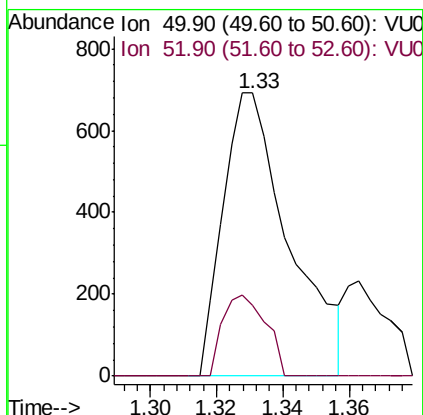
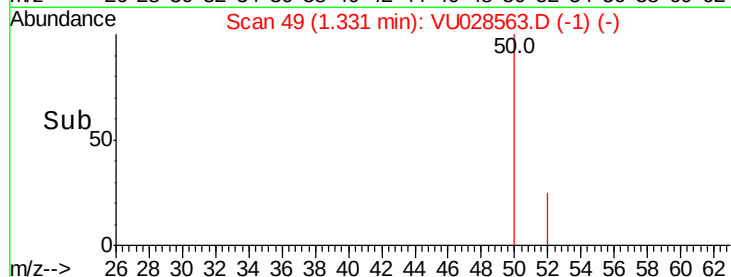
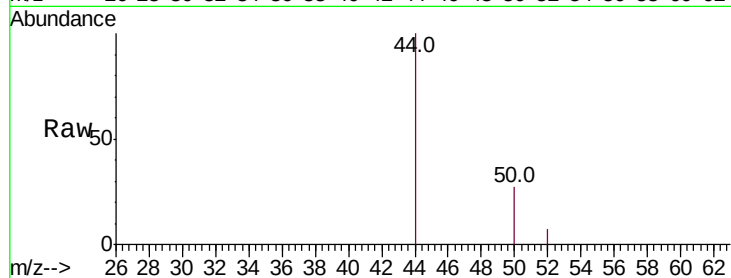
RE-125D1-20181204

Tot Ion: 50 Resp: 958

Ion Ratio Lower Upper

50 100

52 24.9 25.5 38.3#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.343 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028563.D

Acq: 10 Dec 2018 20:00

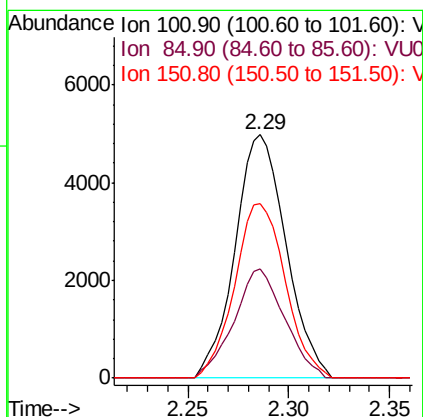
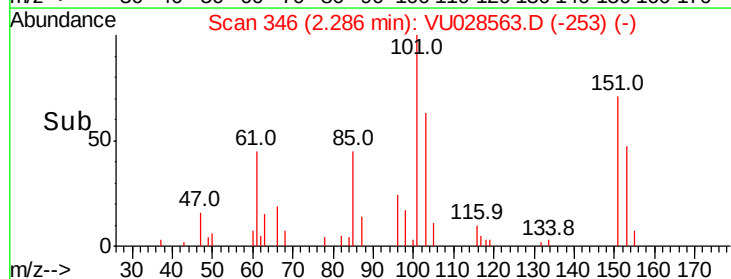
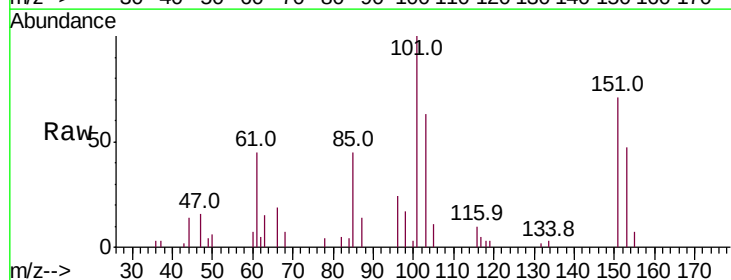
Tgt Ion: 101 Resp: 8794

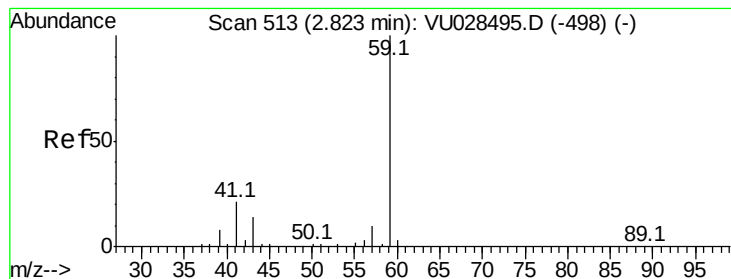
Ion Ratio Lower Upper

101 100

85 44.5 36.4 54.6

151 71.4 58.2 87.2



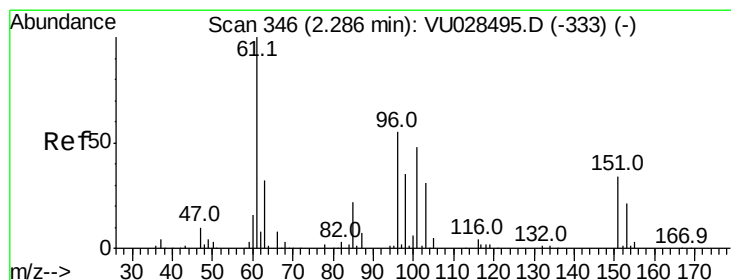
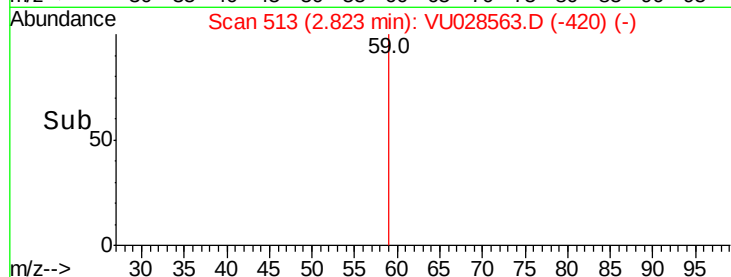
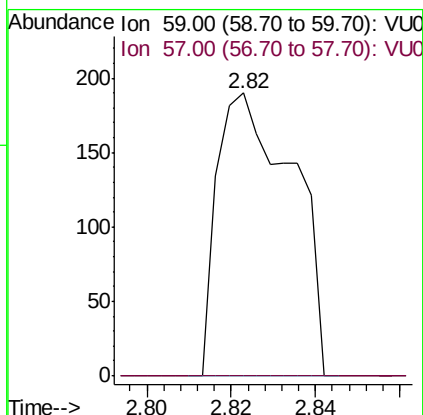
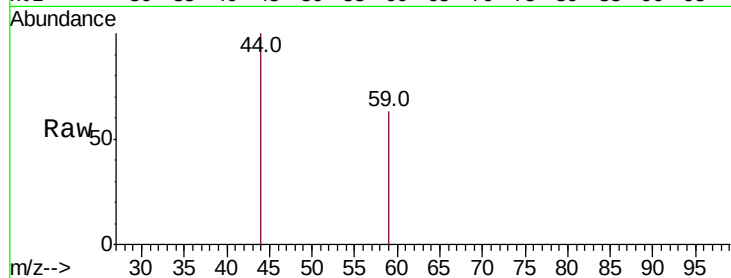


#11

Tert butyl alcohol  
 Concen: 0.822 ug/l  
 RT: 2.82 min Scan# 513  
 Delta R.T. -0.00 min  
 Lab File: VU028563.D  
 Acq: 10 Dec 2018 20:00

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RE-125D1-20181204

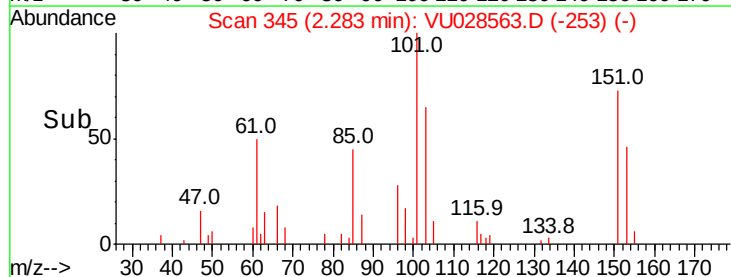
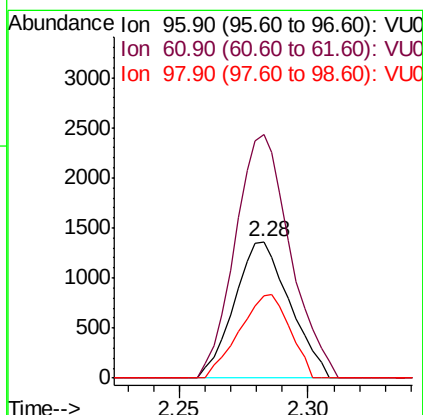
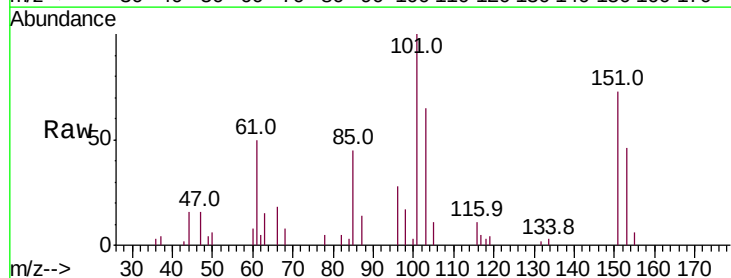
Tot Ion: 59 Resp: 235  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.0 12.0#

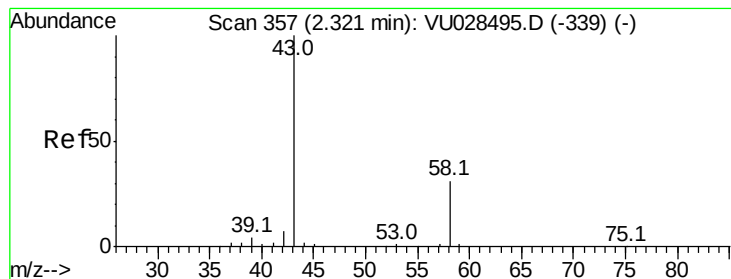


#12

1,1-Dichloroethene  
 Concen: 2.175 ug/l  
 RT: 2.28 min Scan# 346  
 Delta R.T. -0.00 min  
 Lab File: VU028563.D  
 Acq: 10 Dec 2018 20:00

Tgt Ion: 96 Resp: 2037  
 Ion Ratio Lower Upper  
 96 100  
 61 178.3 146.4 219.6  
 98 60.2 51.8 77.8





#16

Acetone

Concen: 4.852 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028563.D

Acq: 10 Dec 2018 20:00

Instrument :

MSVOA\_U

ClientSampleId :

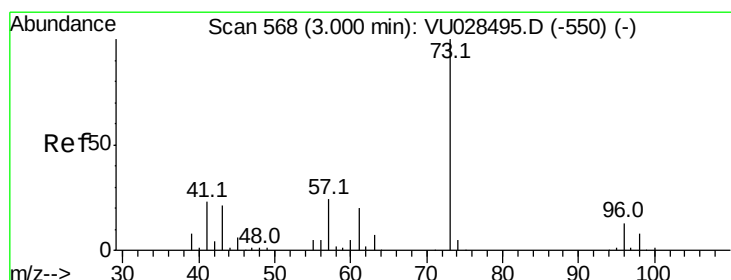
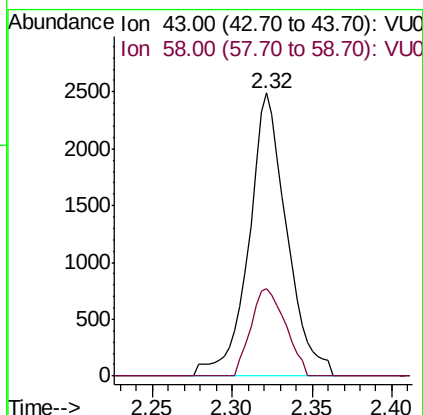
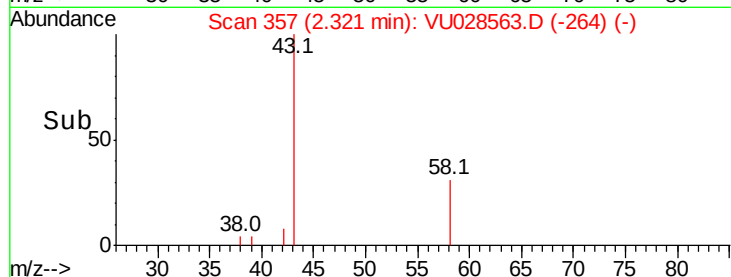
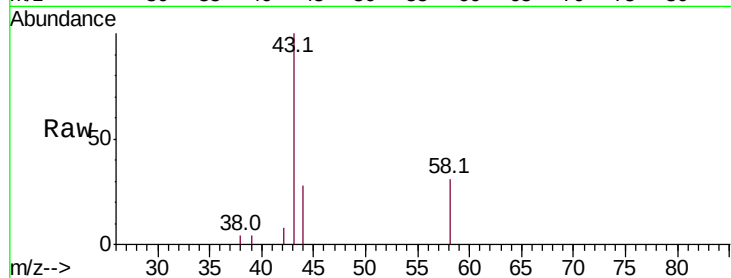
RE-125D1-20181204

Tot Ion: 43 Resp: 4064

Ion Ratio Lower Upper

43 100

58 31.0 24.6 37.0



#19

Methyl tert-butyl Ether

Concen: 0.387 ug/l

RT: 3.00 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU028563.D

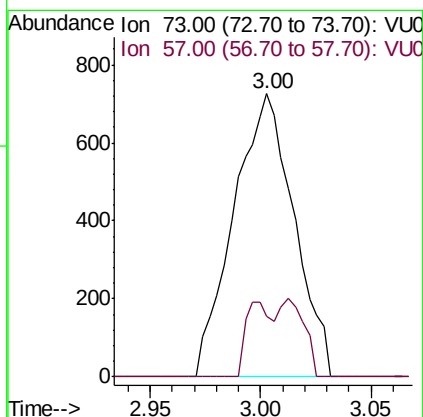
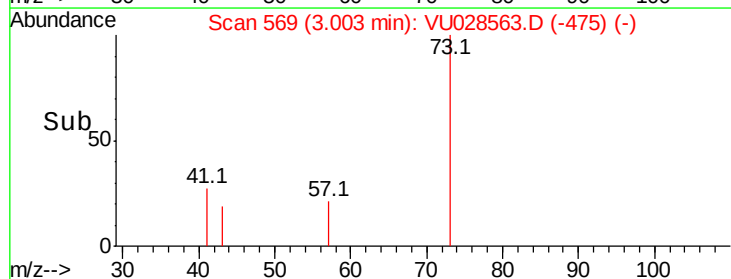
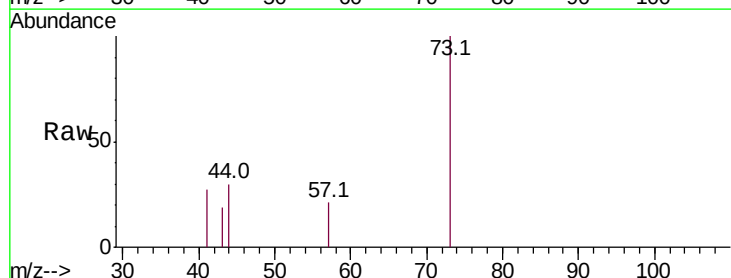
Acq: 10 Dec 2018 20:00

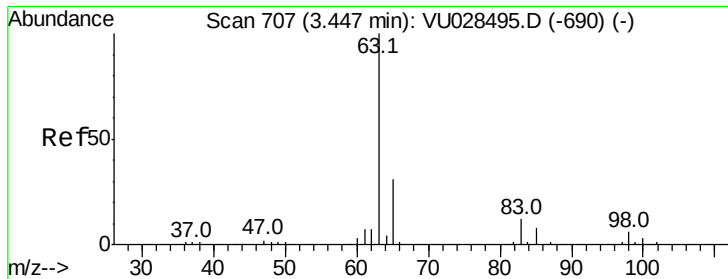
Tgt Ion: 73 Resp: 1373

Ion Ratio Lower Upper

73 100

57 21.2 19.4 29.2

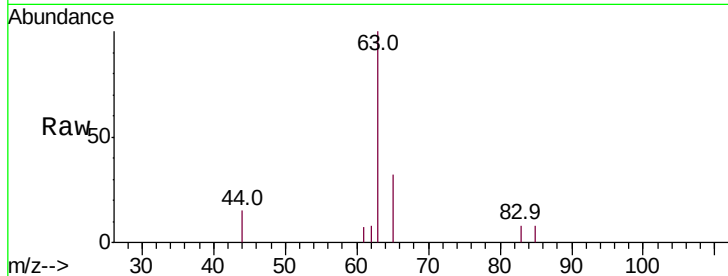




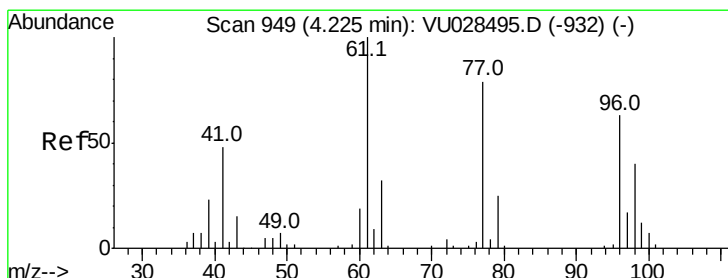
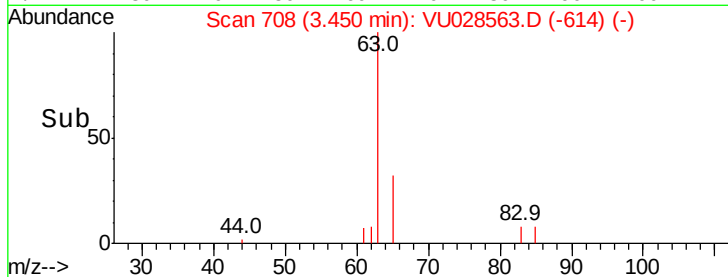
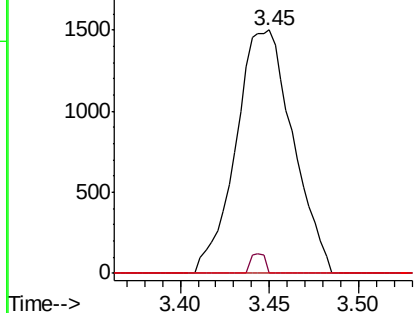
#24  
 1,1-Dichloroethane  
 Concen: 1.481 ug/l  
 RT: 3.45 min Scan# 708  
 Delta R.T. 0.00 min  
 Lab File: VU028563.D  
 Acq: 10 Dec 2018 20:00

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RE-125D1-20181204

Tot Ion: 63 Resp: 3340  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.0 9.2#  
 100 0.0 1.7 5.1#

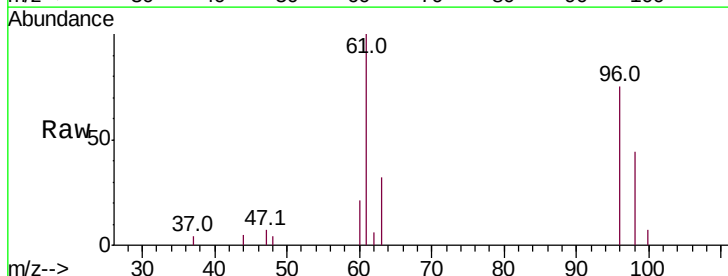


Abundance Ion 62.90 (62.60 to 63.60): VU0  
 Ion 97.90 (97.60 to 98.60): VU0  
 Ion 99.90 (99.60 to 100.60): VU0

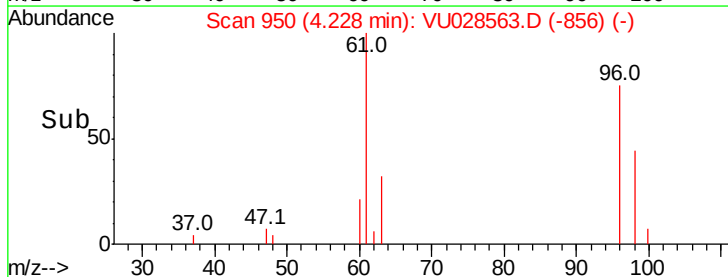
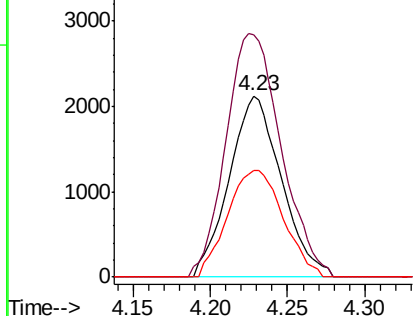


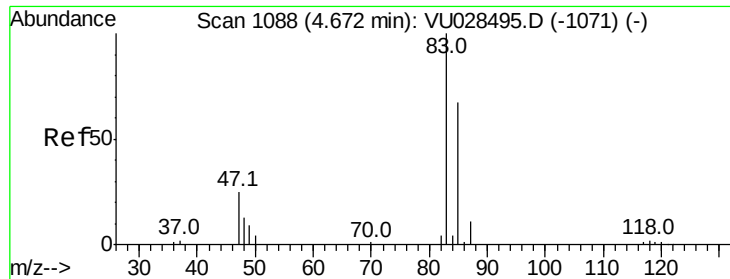
#27  
 cis-1,2-Dichloroethene  
 Concen: 4.171 ug/l  
 RT: 4.23 min Scan# 950  
 Delta R.T. 0.00 min  
 Lab File: VU028563.D  
 Acq: 10 Dec 2018 20:00

Tgt Ion: 96 Resp: 4978  
 Ion Ratio Lower Upper  
 96 100  
 61 142.2 0.0 332.4  
 98 62.9 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VU0  
 Ion 60.90 (60.60 to 61.60): VU0  
 Ion 97.90 (97.60 to 98.60): VU0

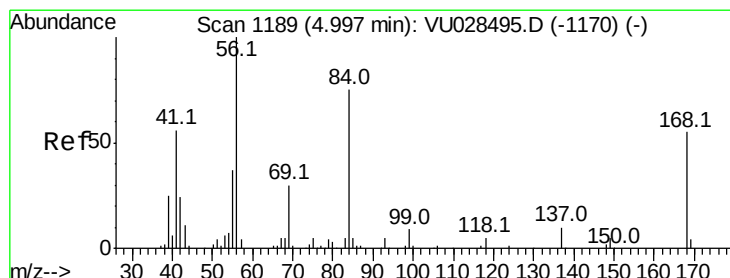
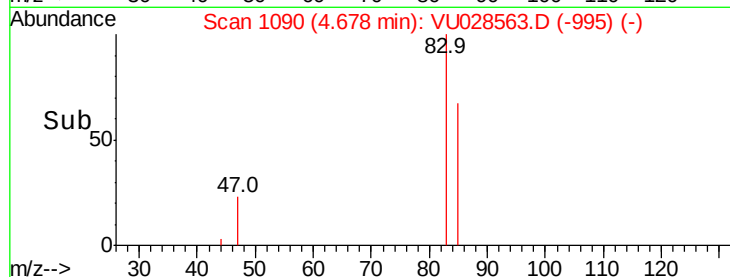
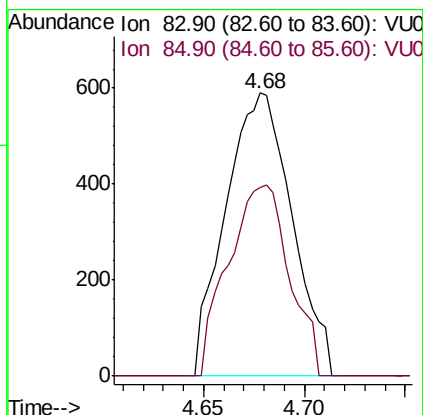
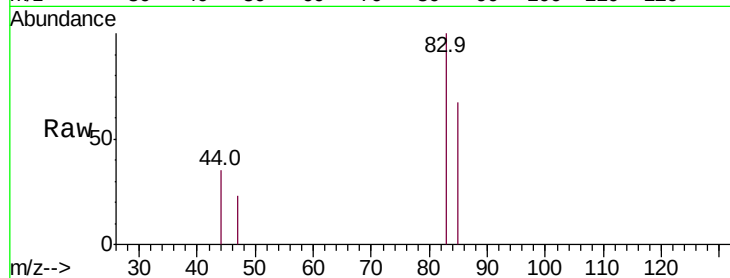




#30  
Chloroform  
Concen: 0.688 ug/l  
RT: 4.68 min Scan# 1090  
Delta R.T. 0.01 min  
Lab File: VU028563.D  
Acq: 10 Dec 2018 20:00

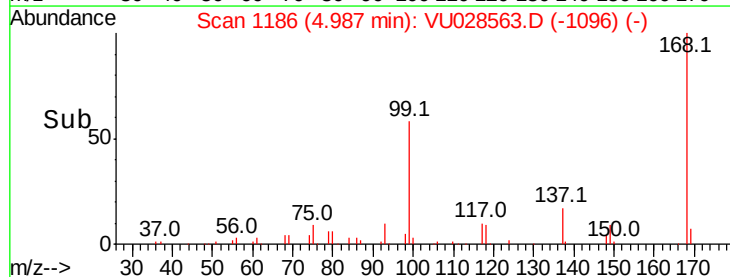
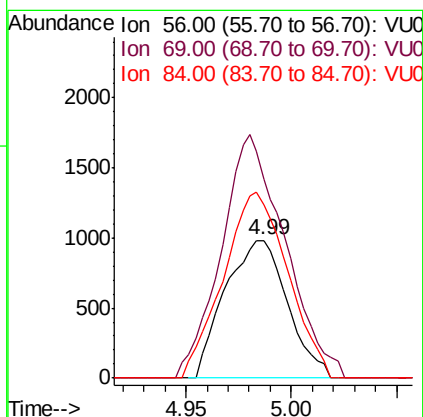
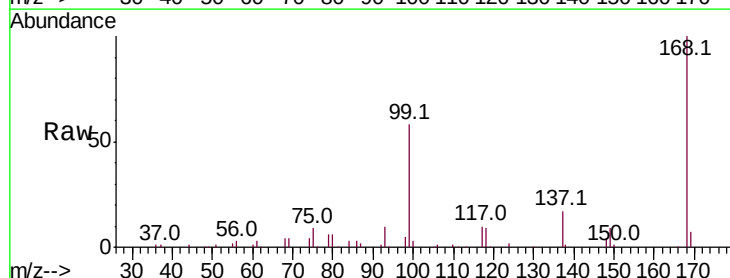
Instrument :  
MSVOA\_U  
ClientSampleId :  
RE-125D1-20181204

Tot Ion: 83 Resp: 1352  
Ion Ratio Lower Upper  
83 100  
85 66.8 53.6 80.4

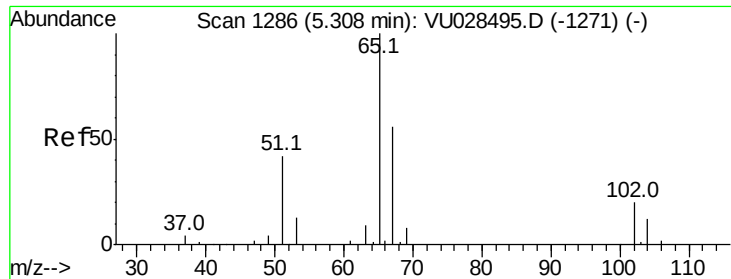


#31  
Cyclohexane  
Concen: Below Cal  
RT: 4.99 min Scan# 1186  
Delta R.T. -0.01 min  
Lab File: VU028563.D  
Acq: 10 Dec 2018 20:00

Tgt Ion: 56 Resp: 2026  
Ion Ratio Lower Upper  
56 100  
69 132.0 24.0 36.0#  
84 126.2 59.7 89.5#



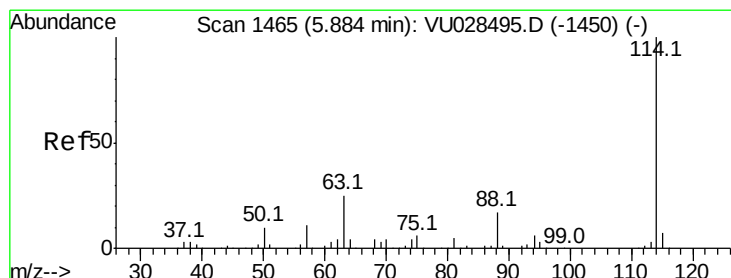
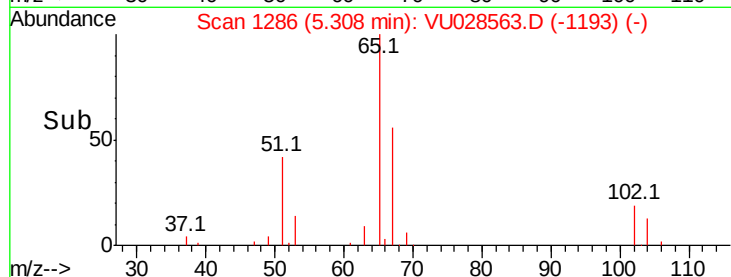
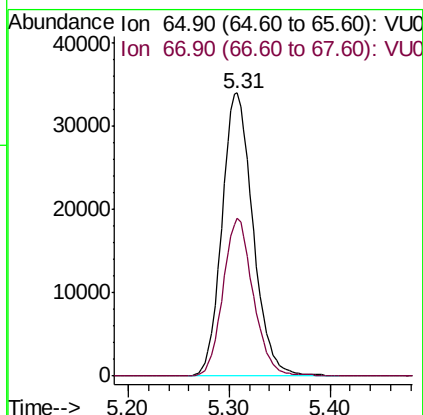
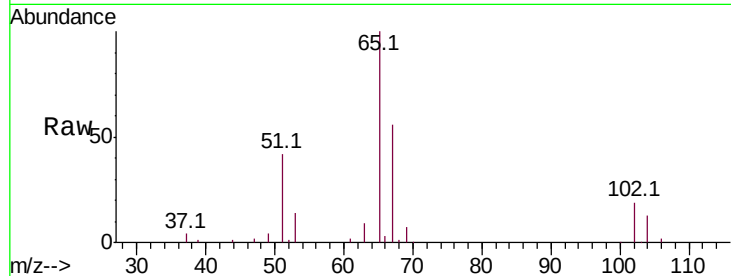




#33  
 1,2-Dichloroethane-d4  
 Concen: 56.838 ug/l  
 RT: 5.31 min Scan# 1286  
 Delta R.T. -0.00 min  
 Lab File: VU028563.D  
 Acq: 10 Dec 2018 20:00

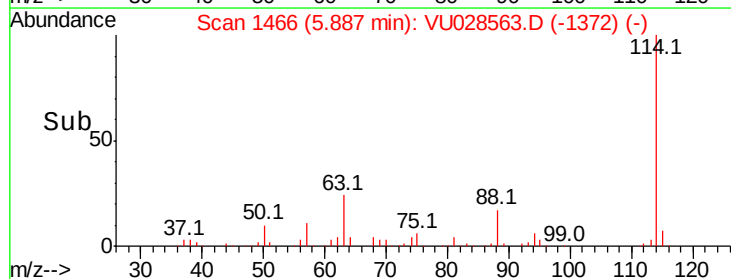
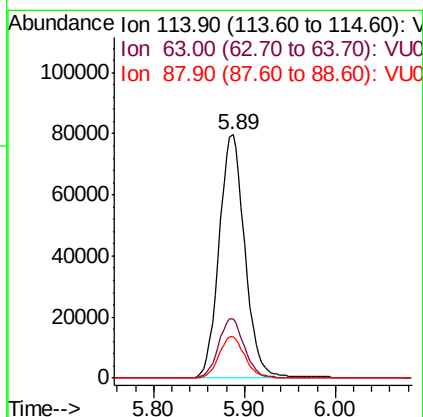
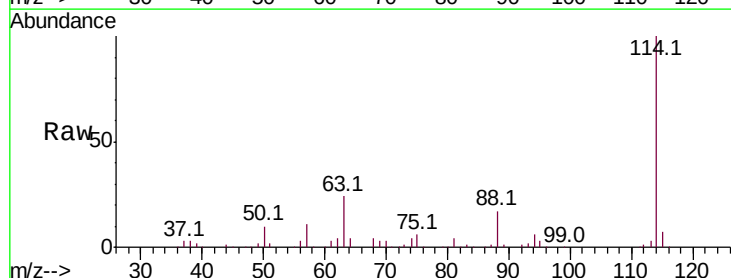
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RE-125D1-20181204

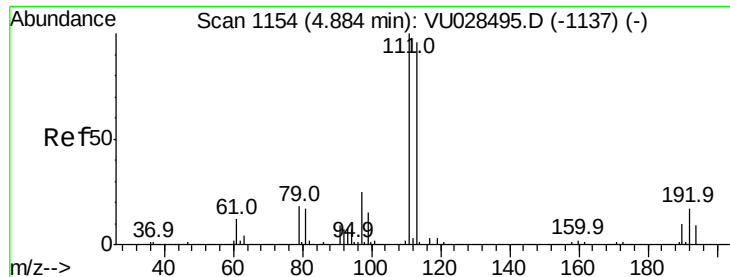
Tot Ion: 65 Resp: 72958  
 Ion Ratio Lower Upper  
 65 100  
 67 54.2 0.0 110.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.89 min Scan# 1466  
 Delta R.T. 0.00 min  
 Lab File: VU028563.D  
 Acq: 10 Dec 2018 20:00

Tgt Ion: 114 Resp: 157182  
 Ion Ratio Lower Upper  
 114 100  
 63 24.1 0.0 49.2  
 88 17.2 0.0 33.4

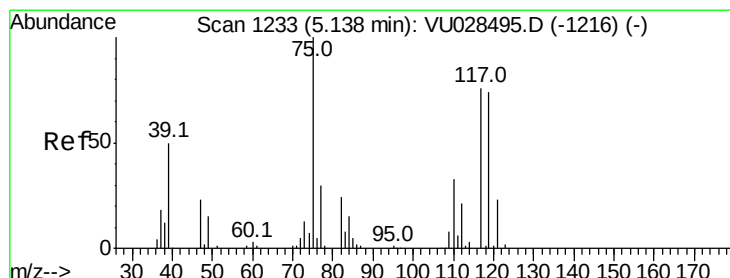
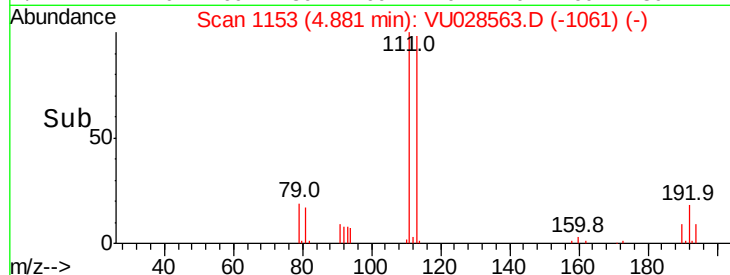
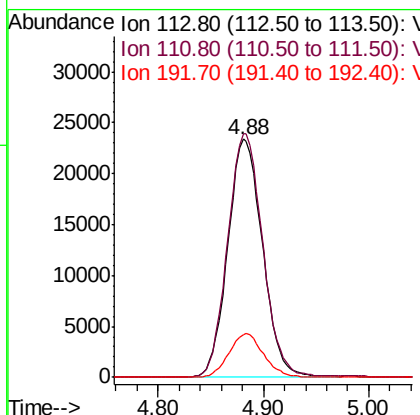
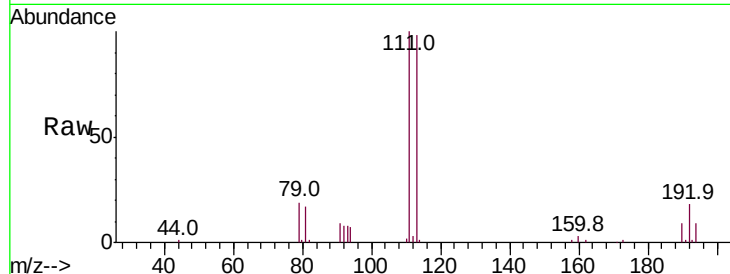




#35  
 Dibromofluoromethane  
 Concen: 54.090 ug/l  
 RT: 4.88 min Scan# 1153  
 Delta R.T. -0.00 min  
 Lab File: VU028563.D  
 Acq: 10 Dec 2018 20:00

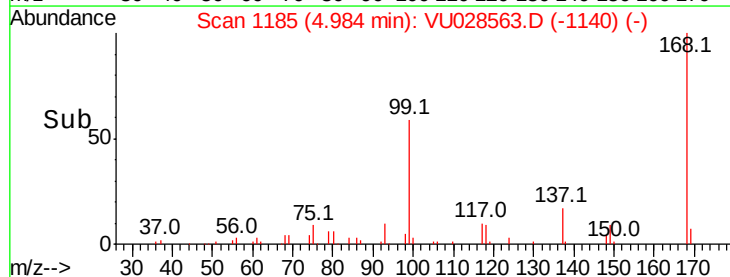
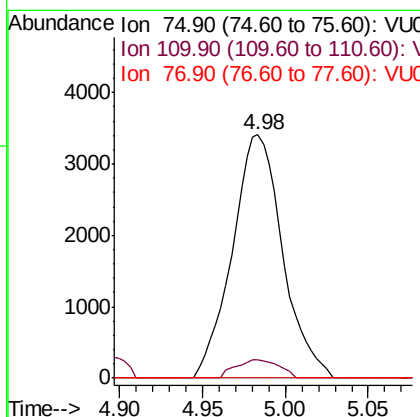
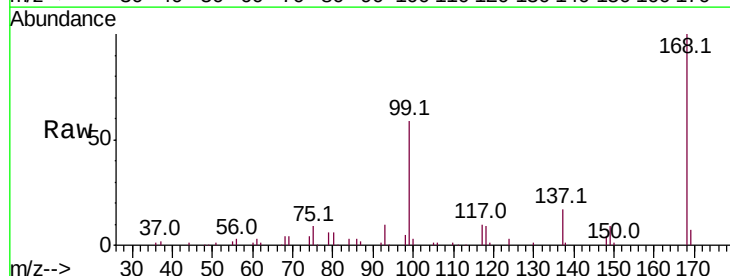
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RE-125D1-20181204

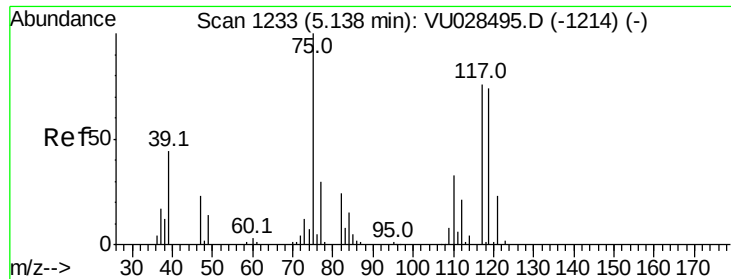
Tot Ion:113 Resp: 53504  
 Ion Ratio Lower Upper  
 113 100  
 111 103.1 83.4 125.0  
 192 18.0 14.8 22.2



#36  
 1,1-Dichloropropene  
 Concen: 4.177 ug/l  
 RT: 4.98 min Scan# 1185  
 Delta R.T. -0.15 min  
 Lab File: VU028563.D  
 Acq: 10 Dec 2018 20:00

Tgt Ion: 75 Resp: 7184  
 Ion Ratio Lower Upper  
 75 100  
 110 6.4 16.1 48.2#  
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.092 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028563.D

Acq: 10 Dec 2018 20:00

Instrument :

MSVOA\_U

ClientSampleId :

RE-125D1-20181204

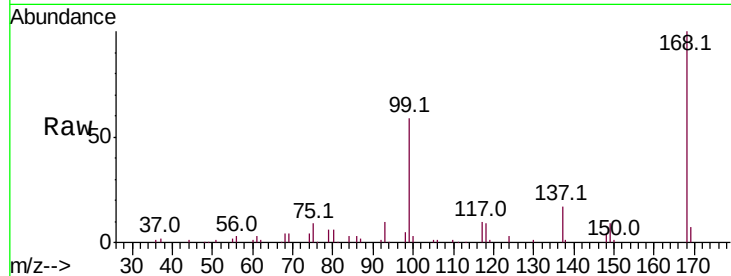
Tot Ion:117 Resp: 8446

Ion Ratio Lower Upper

117 100

119 5.0 77.6 116.4#

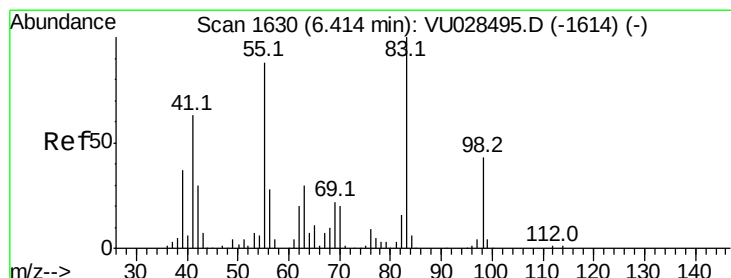
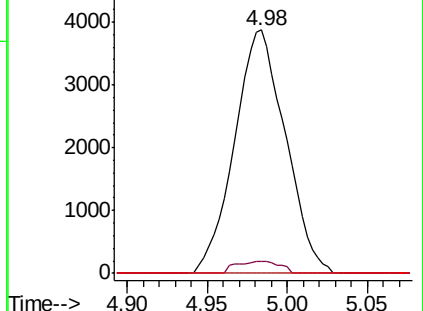
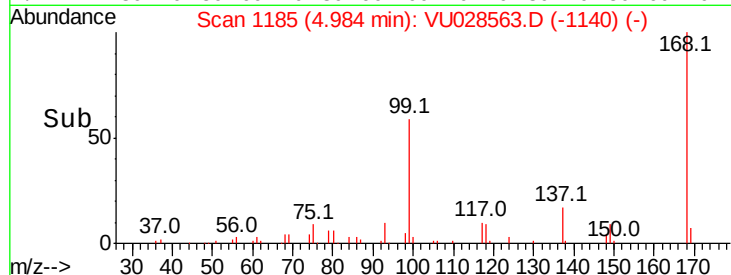
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.308 ug/l

RT: 6.18 min Scan# 1557

Delta R.T. -0.23 min

Lab File: VU028563.D

Acq: 10 Dec 2018 20:00

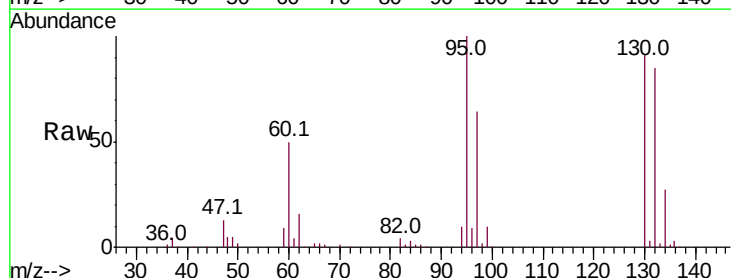
Tgt Ion: 83 Resp: 2744

Ion Ratio Lower Upper

83 100

55 0.0 70.2 105.2#

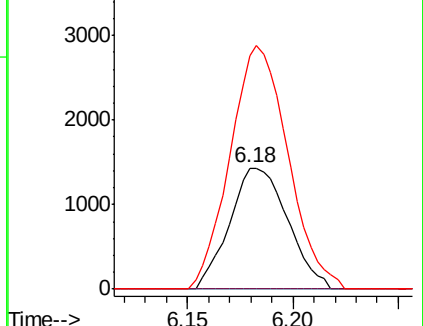
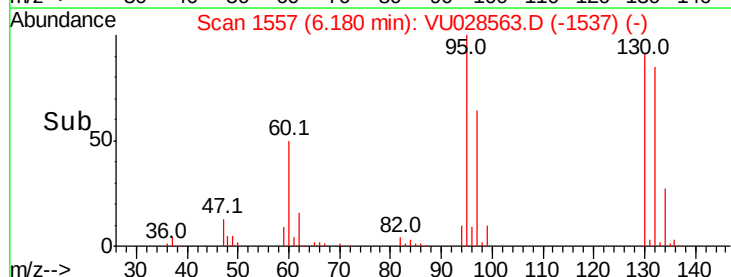
98 193.5 34.2 51.4#

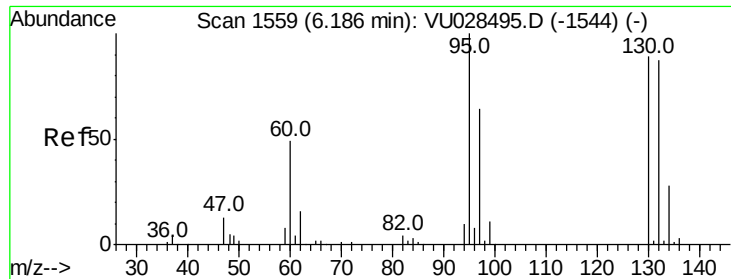


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#44

Trichloroethene

Concen: 185.215 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028563.D

Acq: 10 Dec 2018 20:00

Instrument :

MSVOA\_U

ClientSampleId :

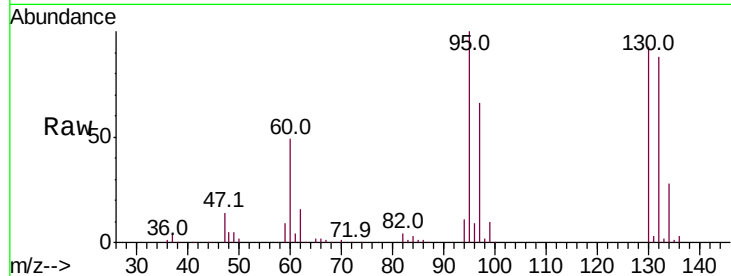
RE-125D1-20181204

Tot Ion:130 Resp: 208623

Ion Ratio Lower Upper

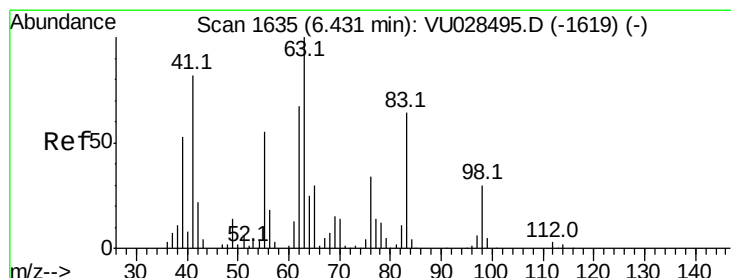
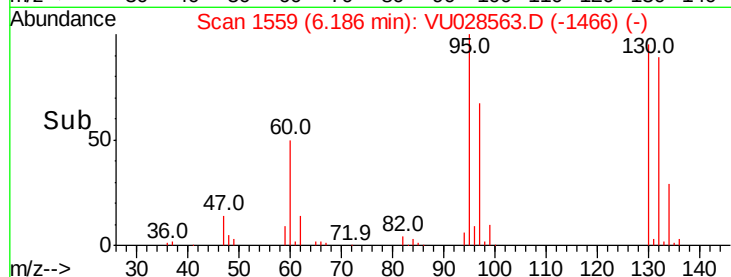
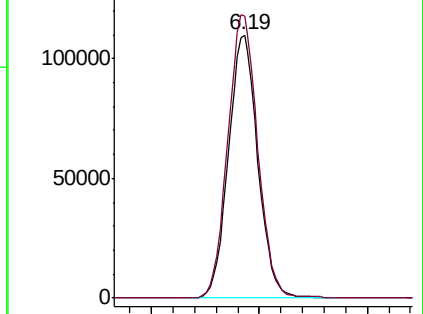
130 100

95 107.3 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): VU028495.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU028495.D (-1544) (-)



#45

1,2-Dichloropropane

Concen: 0.550 ug/l

RT: 6.18 min Scan# 1557

Delta R.T. -0.25 min

Lab File: VU028563.D

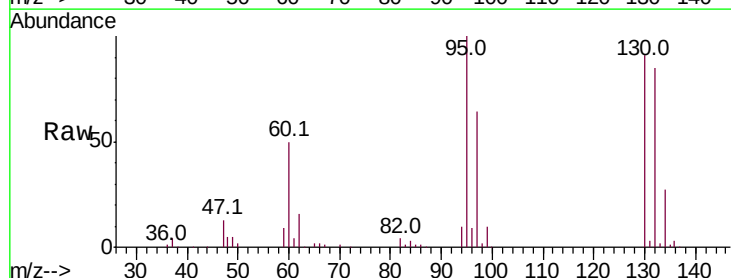
Acq: 10 Dec 2018 20:00

Tgt Ion: 63 Resp: 784

Ion Ratio Lower Upper

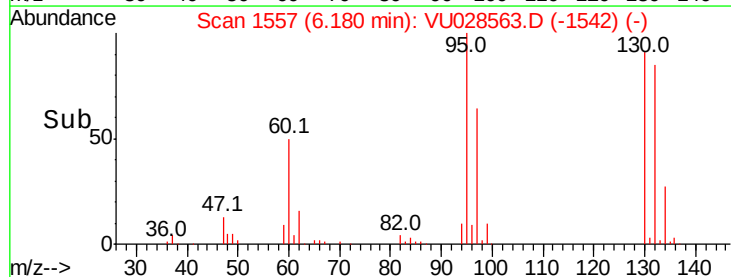
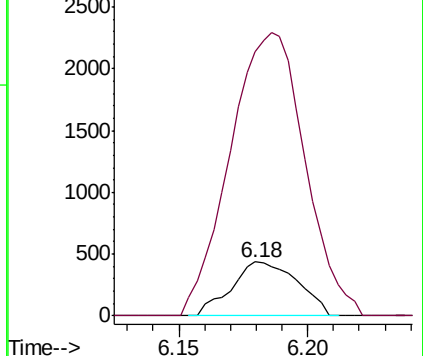
63 100

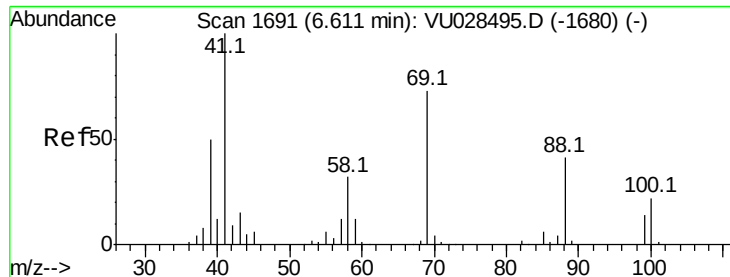
65 454.2 24.2 36.4#



Abundance Ion 62.90 (62.60 to 63.60): VU028495.D (-1619) (-)

Ion 64.90 (64.60 to 65.60): VU028495.D (-1619) (-)





#49

1,4-Dioxane

Concen: 21.220 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VU028563.D

Acq: 10 Dec 2018 20:00

Instrument :

MSVOA\_U

ClientSampleId :

RE-125D1-20181204

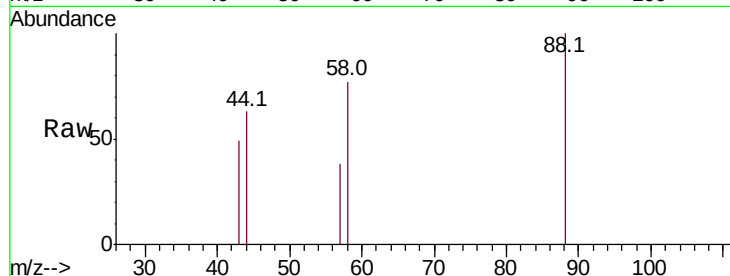
Tot Ion: 88 Resp: 586

Ion Ratio Lower Upper

88 100

43 20.8 30.9 46.3#

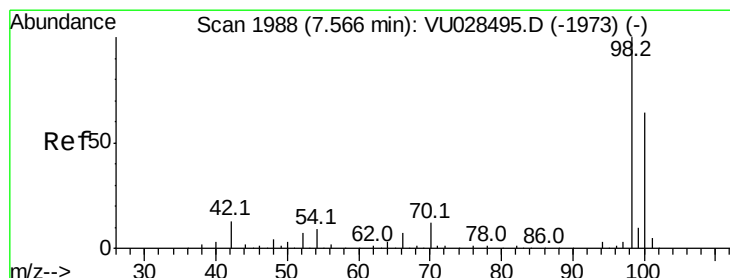
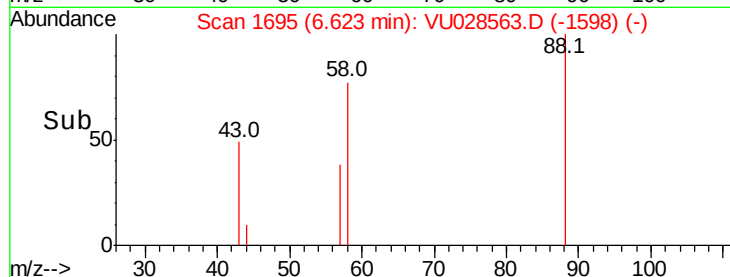
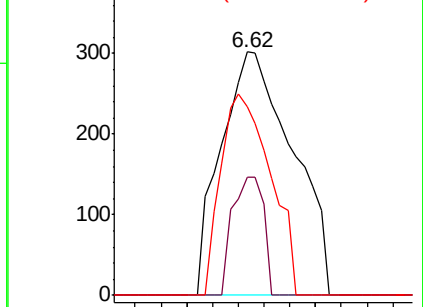
58 57.3 62.4 93.6#



Abundance Ion 88.00 (87.70 to 88.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#50

Toluene-d8

Concen: 52.832 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028563.D

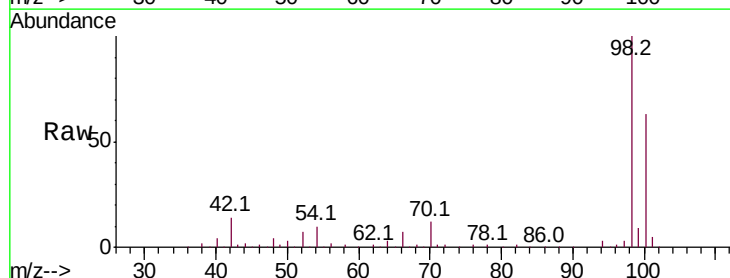
Acq: 10 Dec 2018 20:00

Tgt Ion: 98 Resp: 206726

Ion Ratio Lower Upper

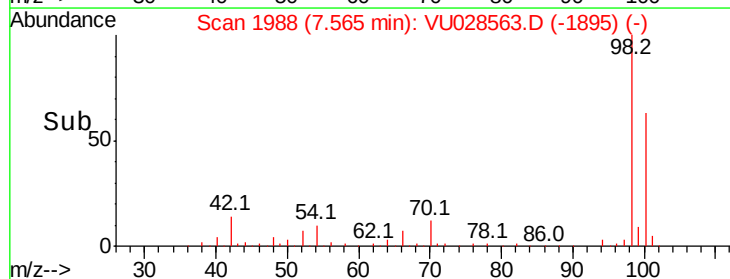
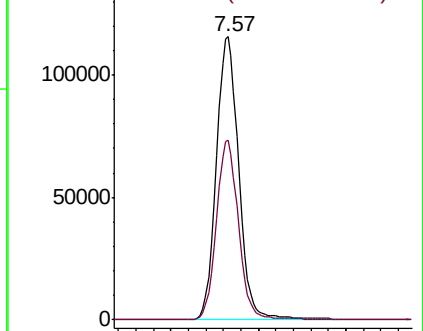
98 100

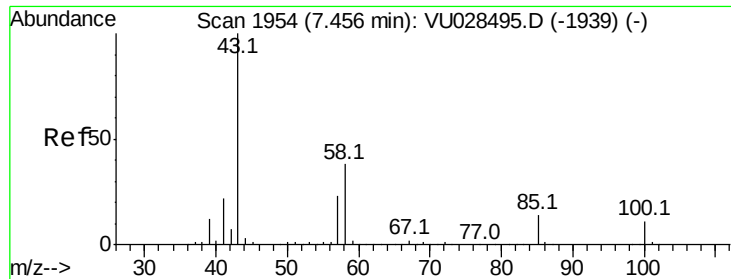
100 61.7 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 0.445 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.11 min

Lab File: VU028563.D

Acq: 10 Dec 2018 20:00

Instrument :

MSVOA\_U

ClientSampleId :

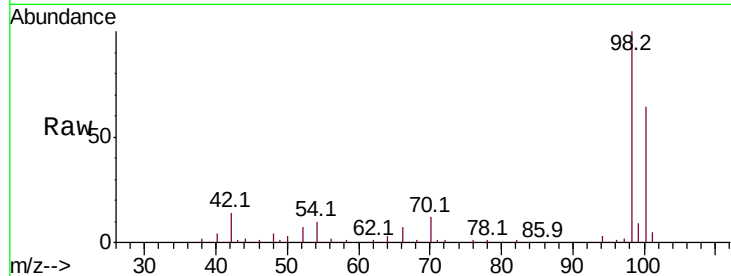
RE-125D1-20181204

Tot Ion: 43 Resp: 988

Ion Ratio Lower Upper

43 100

58 192.1 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU028495.D (-1939) (-)

1200

1000

800

600

400

200

0

7.52

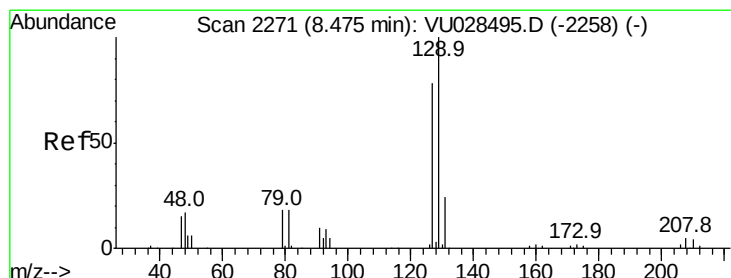
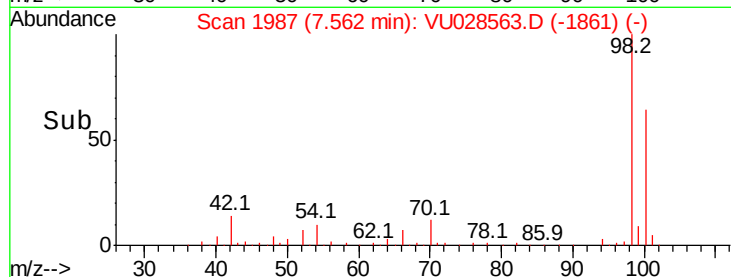
7.54

7.56

7.58

7.60

Time-->



#60

Dibromochloromethane

Concen: 5.915 ug/l

RT: 8.22 min Scan# 2193

Delta R.T. -0.25 min

Lab File: VU028563.D

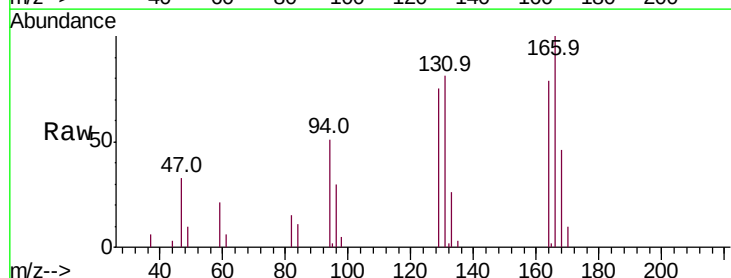
Acq: 10 Dec 2018 20:00

Tgt Ion: 129 Resp: 6825

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.3#



Abundance Ion 128.80 (128.50 to 129.50): VU028495.D (-2258) (-)

Ion 126.80 (126.50 to 127.50): VU028495.D (-2258) (-)

4000

3000

2000

1000

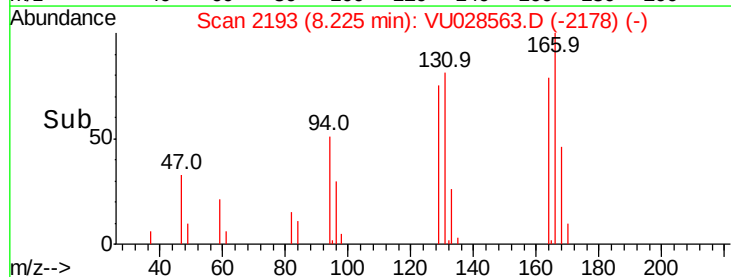
0

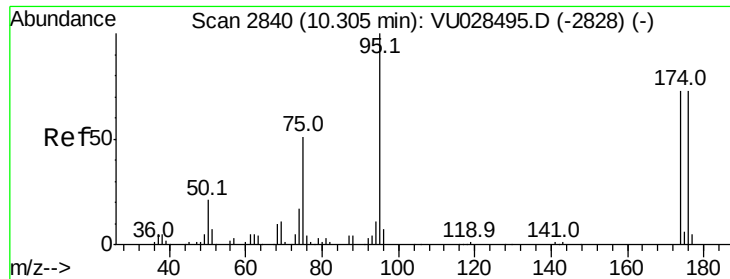
8.20

8.22

8.25

Time-->





#62

4-Bromofluorobenzene

Concen: 45.183 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028563.D

Acq: 10 Dec 2018 20:00

Instrument :

MSVOA\_U

ClientSampleId :

RE-125D1-20181204

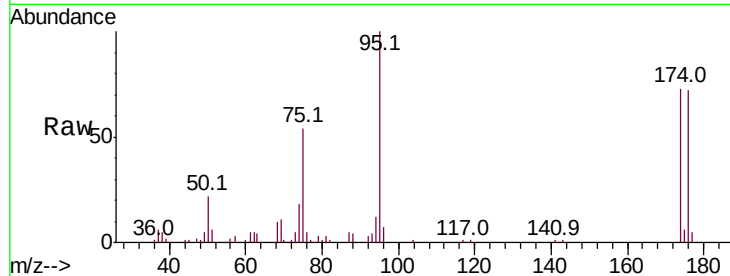
Tot Ion: 95 Resp: 66081

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.4

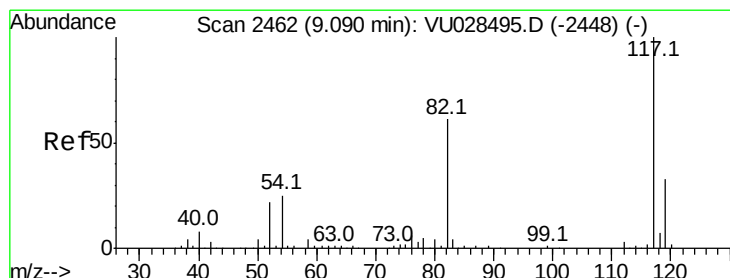
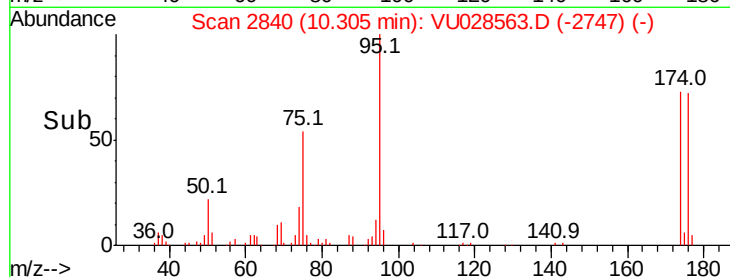
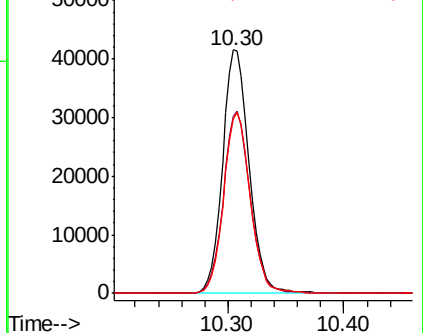
176 74.1 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028563.D

Acq: 10 Dec 2018 20:00

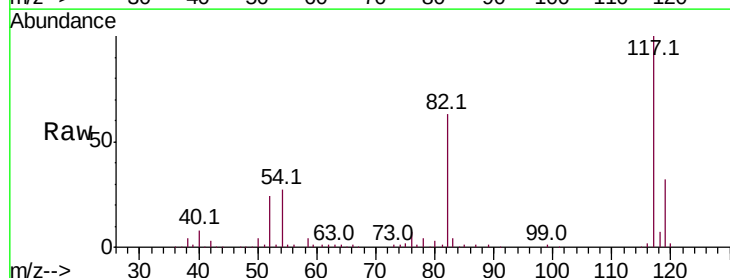
Tgt Ion: 117 Resp: 142862

Ion Ratio Lower Upper

117 100

82 62.9 48.9 73.3

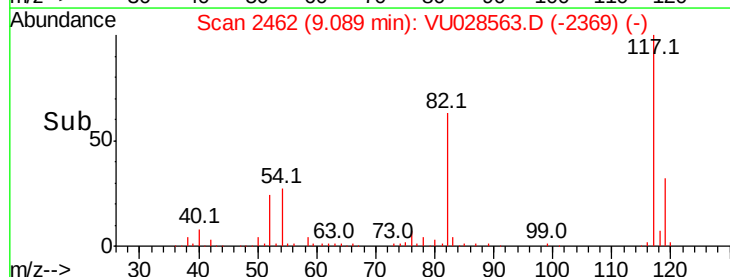
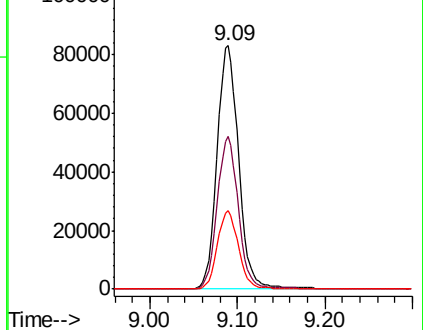
119 32.0 26.2 39.4

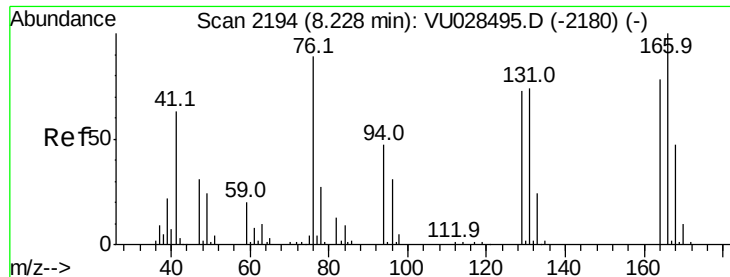


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)





#64

Tetrachloroethene

Concen: 7.438 ug/l

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU028563.D

Acq: 10 Dec 2018 20:00

Instrument :

MSVOA\_U

ClientSampleId :

RE-125D1-20181204

Tot Ion:164 Resp: 7088

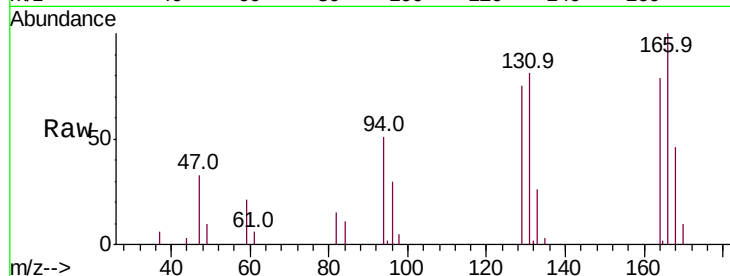
Ion Ratio Lower Upper

164 100

166 126.7 101.9 152.9

129 95.4 74.9 112.3

131 102.4 75.4 113.0

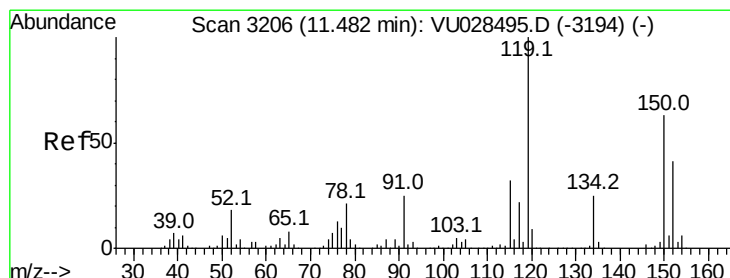
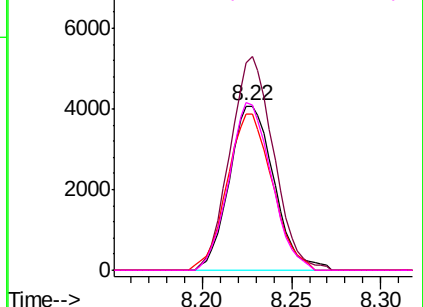
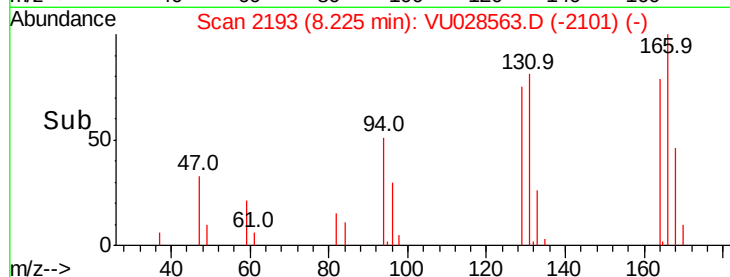


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028563.D

Acq: 10 Dec 2018 20:00

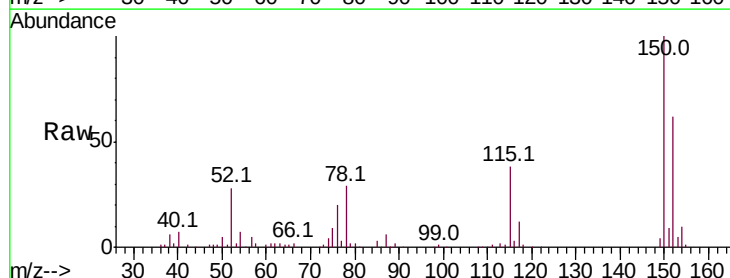
Tgt Ion:152 Resp: 55077

Ion Ratio Lower Upper

152 100

115 60.6 42.7 128.1

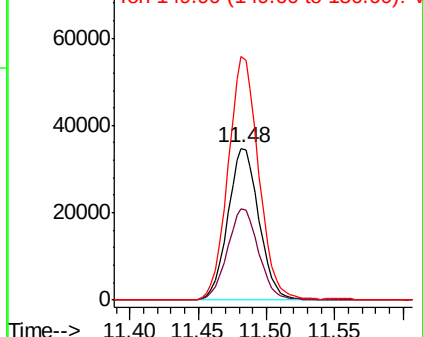
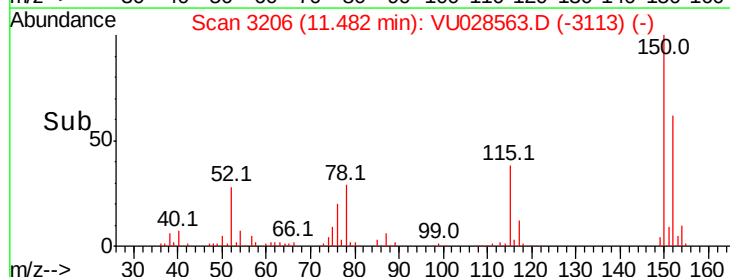
150 157.2 0.0 346.0



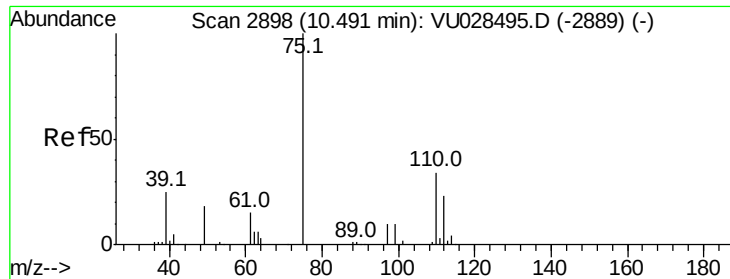
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



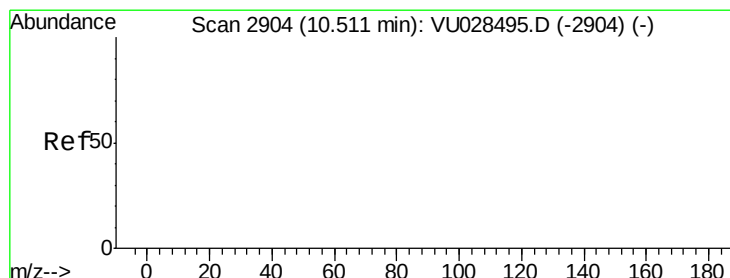
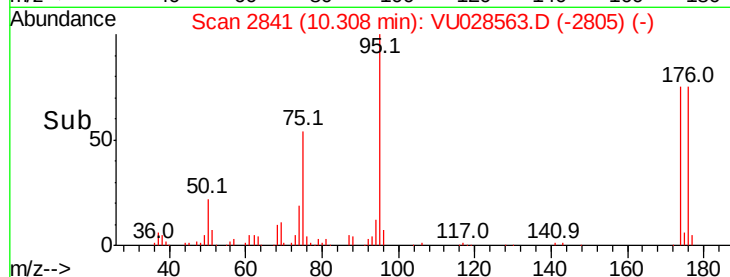
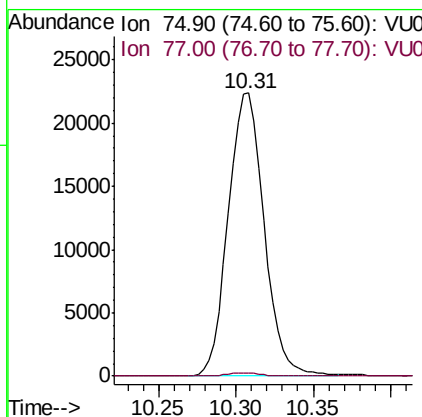
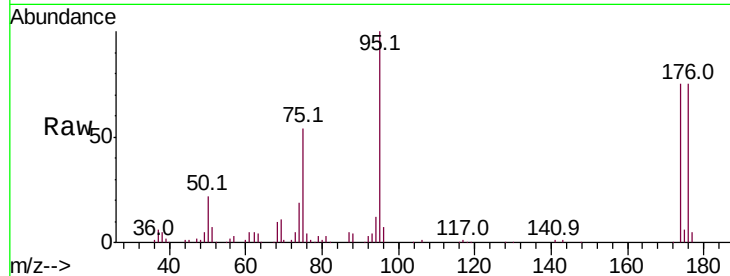




#76  
 1,2,3-Trichloropropane  
 Concen: 25.613 ug/l  
 RT: 10.31 min Scan# 2841  
 Delta R.T. -0.18 min  
 Lab File: VU028563.D  
 Acq: 10 Dec 2018 20:00

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RE-125D1-20181204

Tot Ion: 75 Resp: 36022  
 Ion Ratio Lower Upper  
 75 100  
 77 1.0 20.8 62.4#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 62.838 ug/l  
 RT: 10.31 min Scan# 2841  
 Delta R.T. -0.20 min  
 Lab File: VU028563.D  
 Acq: 10 Dec 2018 20:00

Tgt Ion: 75 Resp: 36022  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 0.0 0.0  
 89 0.0 0.0 0.0

