

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU062718\  
 Data File : VU024940.D  
 Acq On : 26 Jun 2018 23:33  
 Operator : MD/SY  
 Sample : J3669-19ME  
 Misc : 6.02g/5.0ml/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB475-27-29-180620ME

Quant Time: Jun 27 04:17:17 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U061318W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 13 13:55:26 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.98  | 168  | 221029   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 334857   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 322005   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 181213   | 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   | 167447   | 46.41 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.82% |          |
| 35) Dibromofluoromethane    | 4.89  | 113  | 129233   | 46.50 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.00% |          |
| 50) Toluene-d8              | 7.57  | 98   | 488264   | 48.17 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.34% |          |
| 62) 4-Bromofluorobenzene    | 10.32 | 95   | 192204   | 47.76 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.52% |          |

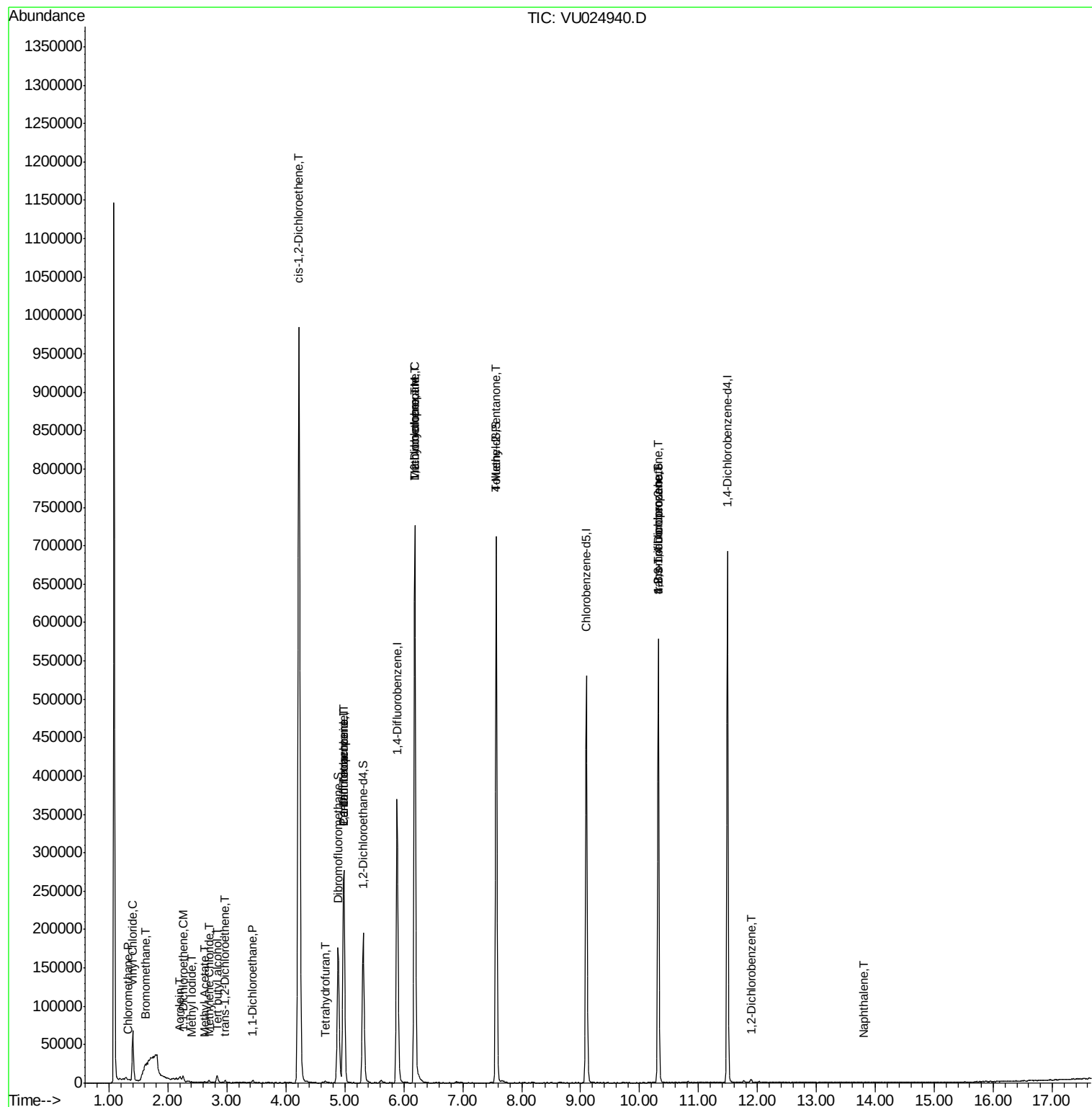
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 1.32  | 50   | 854      | 0.302     | ug/l   | 99     |
| 4) Vinyl Chloride              | 1.40  | 62   | 52976    | 18.174    | ug/l   | 94     |
| 5) Bromomethane                | 1.61  | 94   | 933      | 0.662     | ug/l # | 78     |
| 8) Diethyl Ether               | 1.95  | 74   | 53       | Below Cal | #      | 1      |
| 10) Methyl Iodide              | 2.40  | 142  | 247      | 5.383     | ug/l # | 40     |
| 11) Tert butyl alcohol         | 2.83  | 59   | 5194     | 5.919     | ug/l # | 72     |
| 12) 1,1-Dichloroethene         | 2.26  | 96   | 1882     | 0.748     | ug/l   | 99     |
| 13) Acrolein                   | 2.20  | 56   | 279      | 0.605     | ug/l # | 43     |
| 18) Methyl Acetate             | 2.63  | 43   | 1236     | 0.297     | ug/l # | 60     |
| 20) Methylene Chloride         | 2.69  | 84   | 1418     | 0.466     | ug/l   | 90     |
| 21) trans-1,2-Dichloroethene   | 2.97  | 96   | 968      | 0.349     | ug/l   | 97     |
| 24) 1,1-Dichloroethane         | 3.44  | 63   | 3509     | 0.658     | ug/l # | 90     |
| 27) cis-1,2-Dichloroethene     | 4.22  | 96   | 562968   | 176.657   | ug/l   | 89     |
| 29) Tetrahydrofuran            | 4.66  | 42   | 1634     | 1.013     | ug/l # | 65     |
| 31) Cyclohexane                | 4.98  | 56   | 4643     | Below Cal | #      | 5      |
| 36) 1,1-Dichloropropene        | 4.98  | 75   | 16012    | 4.069     | ug/l # | 52     |
| 38) Carbon Tetrachloride       | 4.99  | 117  | 20873    | 4.824     | ug/l # | 16     |
| 39) Methylcyclohexane          | 6.19  | 83   | 3011     | 0.613     | ug/l # | 1      |
| 44) Trichloroethene            | 6.19  | 130  | 262029   | 82.116    | ug/l   | 95     |
| 45) 1,2-Dichloropropane        | 6.19  | 63   | 856      | 0.286     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 7.57  | 43   | 2263     | 0.486     | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane     | 10.32 | 75   | 101141   | 25.351    | ug/l # | 35     |
| 81) trans-1,4-Dichloro-2-buten | 10.32 | 75   | 101141   | 58.672    | ug/l # | 100    |
| 91) 1,2-Dichlorobenzene        | 11.89 | 146  | 1964     | 0.301     | ug/l   | 99     |
| 95) Naphthalene                | 13.80 | 128  | 66       | 0.684     | ug/l # | 69     |

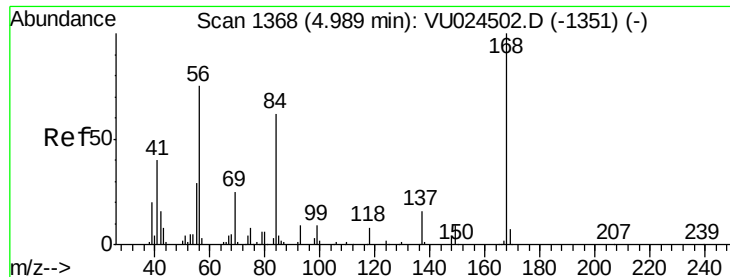
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Jun 13 13:55:26 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU024940.D

Acq: 26 Jun 2018 23:33

Instrument :

MSVOA\_U

ClientSampleId :

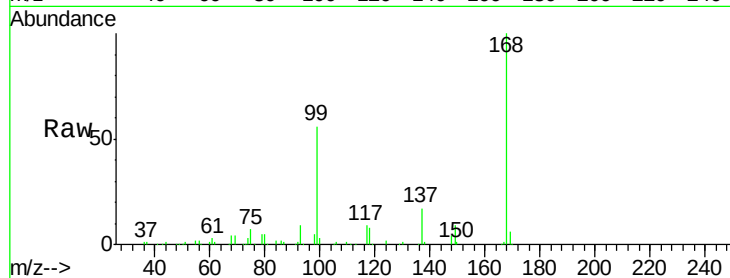
WP021SB475-27-29-180620ME

Tgt Ion:168 Resp: 221029

Ion Ratio Lower Upper

168 100

99 55.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.98

100000

80000

60000

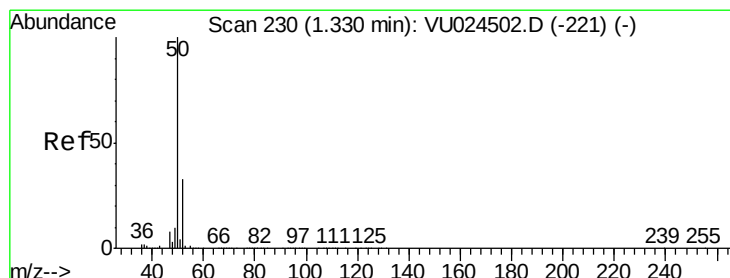
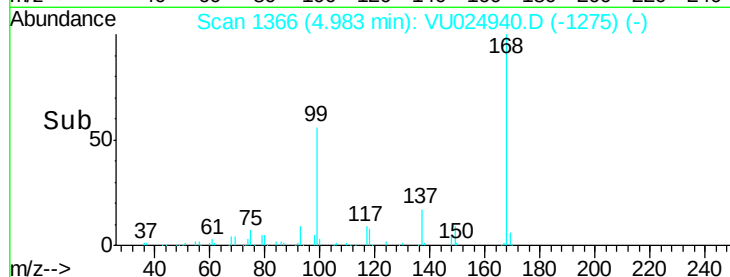
40000

20000

0

4.90 4.95 5.00 5.05

Time-->



#3

Chloromethane

Concen: 0.302 ug/l

RT: 1.32 min Scan# 228

Delta R.T. -0.01 min

Lab File: VU024940.D

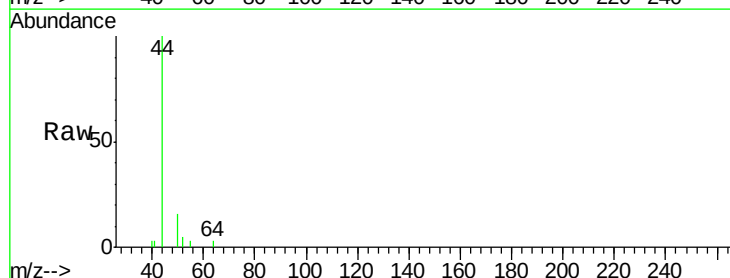
Acq: 26 Jun 2018 23:33

Tgt Ion: 50 Resp: 854

Ion Ratio Lower Upper

50 100

52 32.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU024502.D (-221) (-)

1.32

600

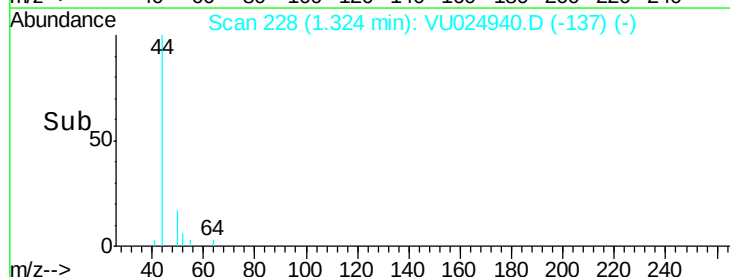
400

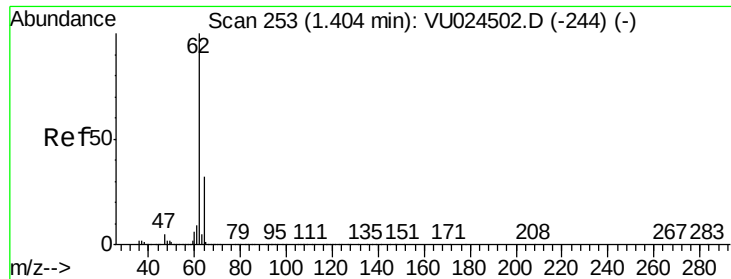
200

0

1.28 1.30 1.32 1.34 1.36

Time-->





#4

Vinyl Chloride

Concen: 18.174 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU024940.D

Acq: 26 Jun 2018 23:33

Instrument :

MSVOA\_U

ClientSampleId :

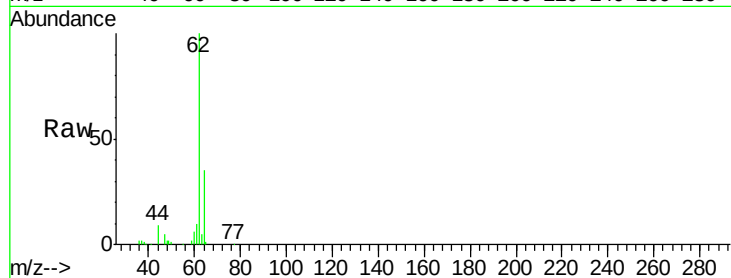
WP021SB475-27-29-180620ME

Tgt Ion: 62 Resp: 52976

Ion Ratio Lower Upper

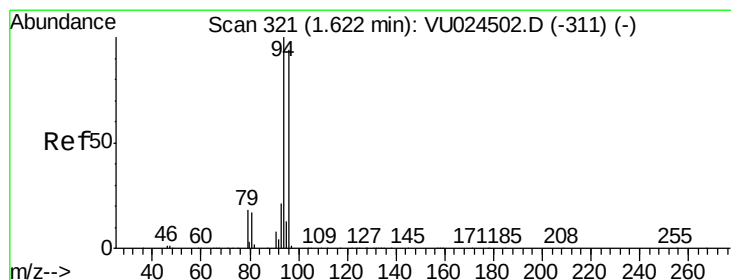
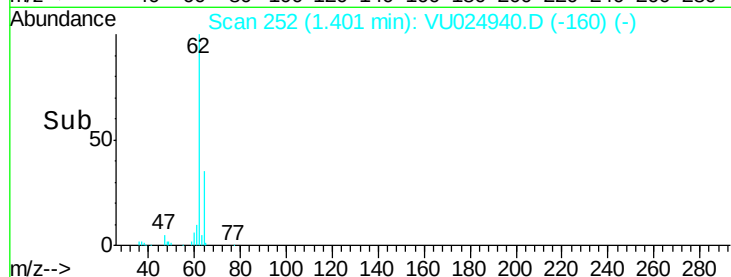
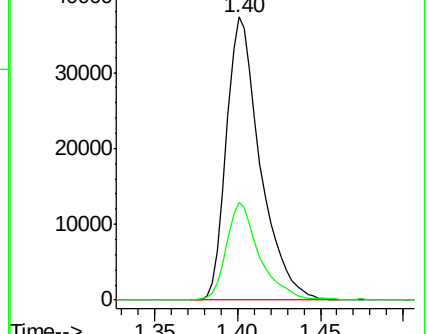
62 100

64 34.2 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0



#5

Bromomethane

Concen: 0.662 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU024940.D

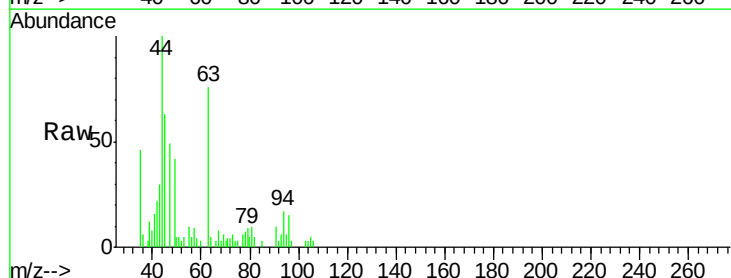
Acq: 26 Jun 2018 23:33

Tgt Ion: 94 Resp: 933

Ion Ratio Lower Upper

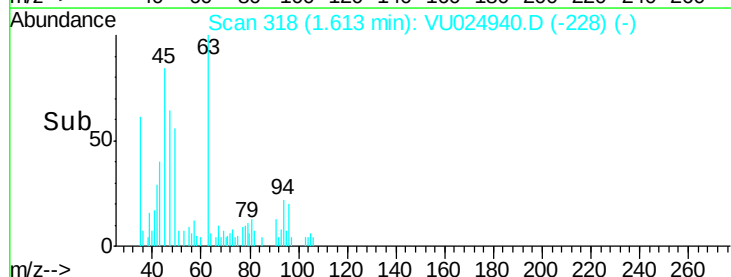
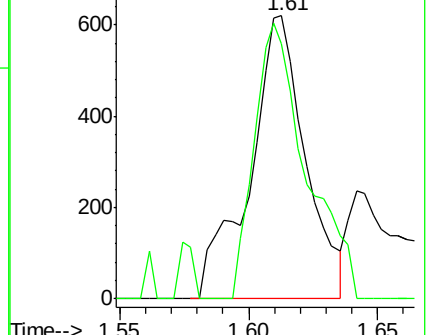
94 100

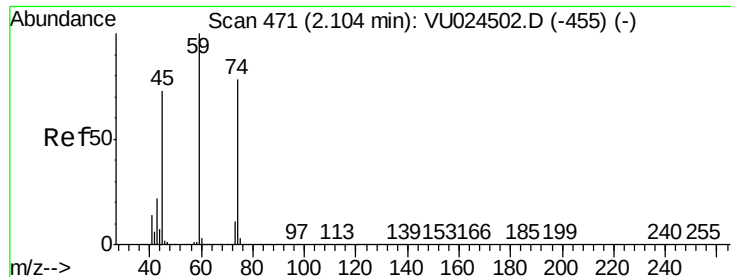
96 71.8 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0





#8

Diethyl Ether

Concen: Below Cal

RT: 1.95 min Scan# 423

Delta R.T. -0.15 min

Lab File: VU024940.D

Acq: 26 Jun 2018 23:33

Instrument :

MSVOA\_U

ClientSampleId :

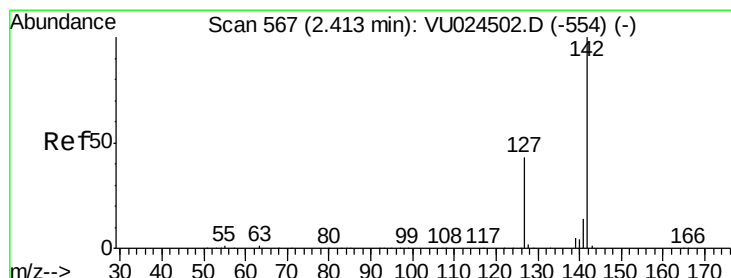
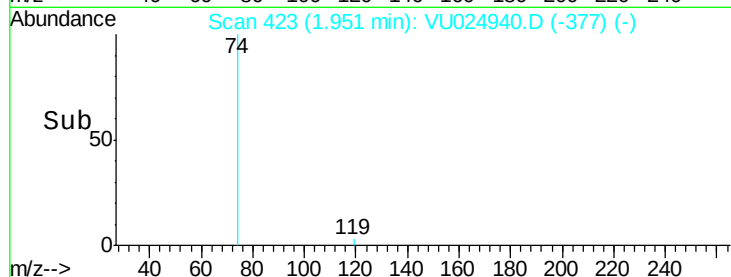
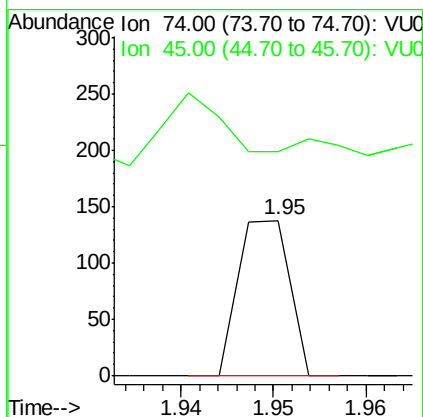
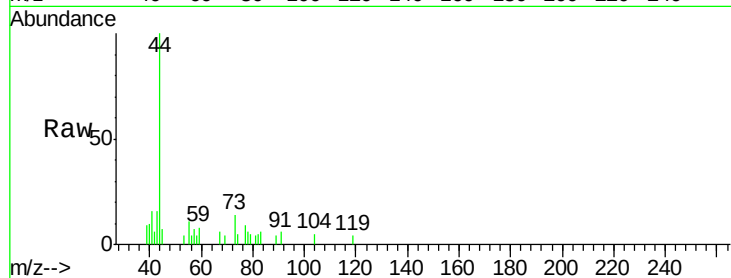
WP021SB475-27-29-180620ME

Tgt Ion: 74 Resp: 53

Ion Ratio Lower Upper

74 100

45 0.0 55.0 165.0#



#10

Methyl Iodide

Concen: 5.383 ug/l

RT: 2.40 min Scan# 563

Delta R.T. -0.01 min

Lab File: VU024940.D

Acq: 26 Jun 2018 23:33

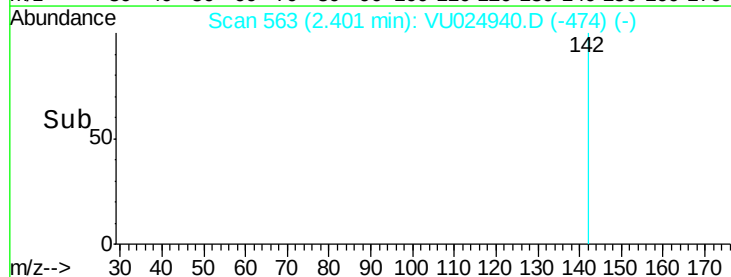
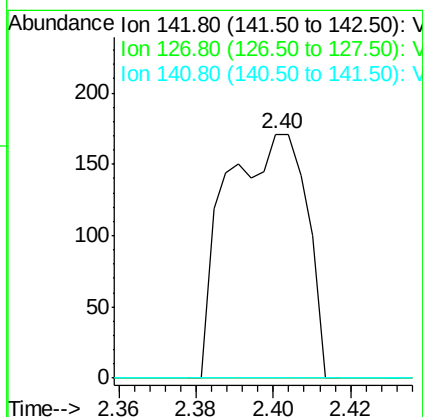
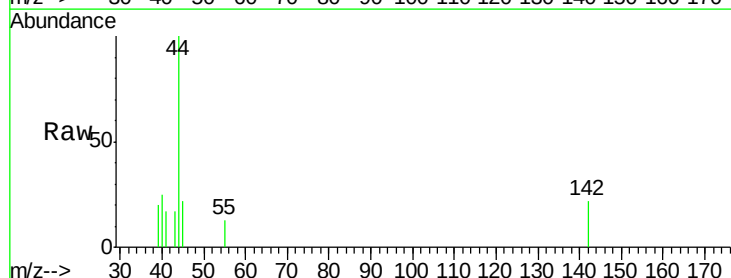
Tgt Ion: 142 Resp: 247

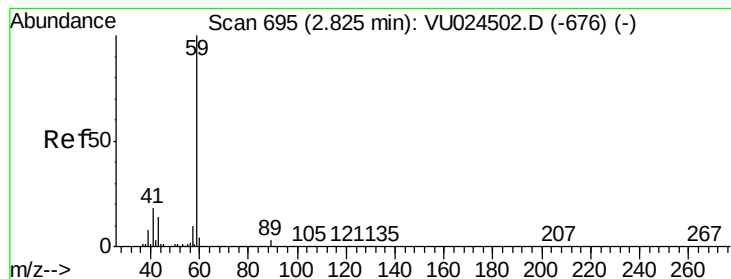
Ion Ratio Lower Upper

142 100

127 0.0 35.6 53.4#

141 0.0 11.7 17.5#



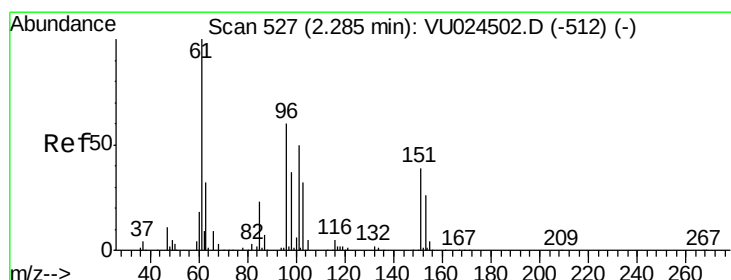
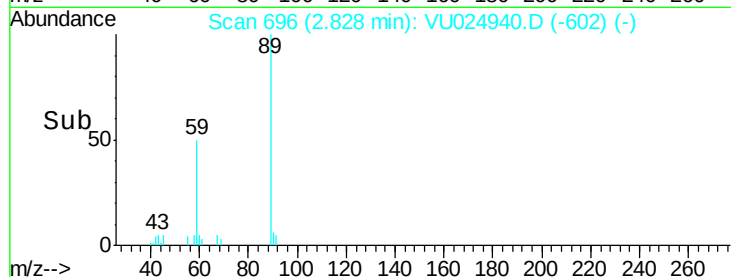
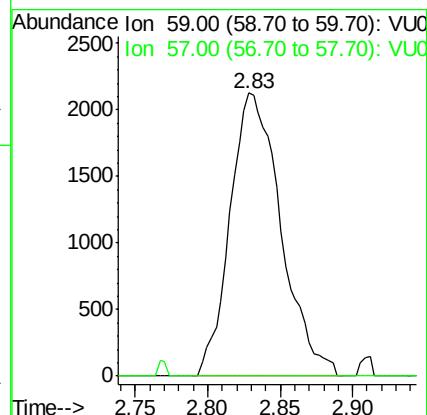
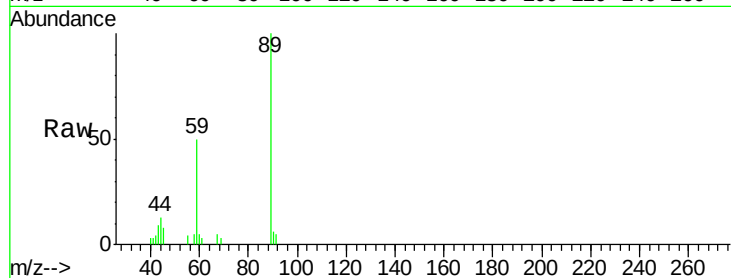


#11

Tert butyl alcohol  
 Concen: 5.919 ug/l  
 RT: 2.83 min Scan# 696  
 Delta R.T. 0.00 min  
 Lab File: VU024940.D  
 Acq: 26 Jun 2018 23:33

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB475-27-29-180620ME

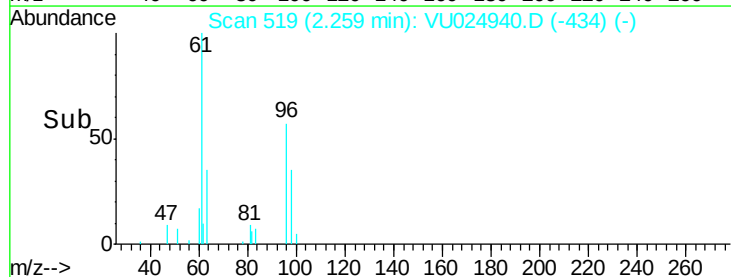
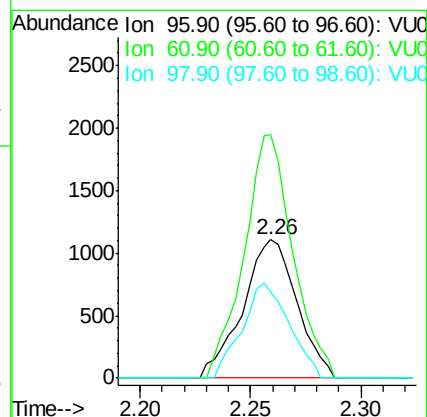
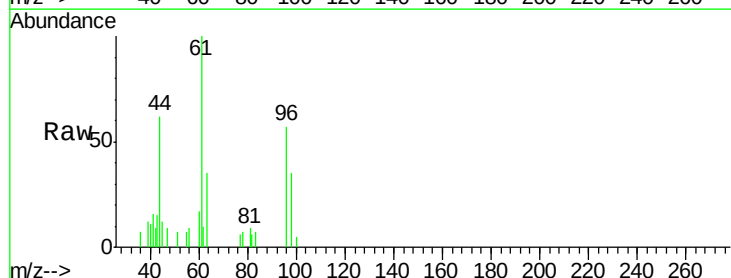
Tgt Ion: 59 Resp: 5194  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.5 12.7#

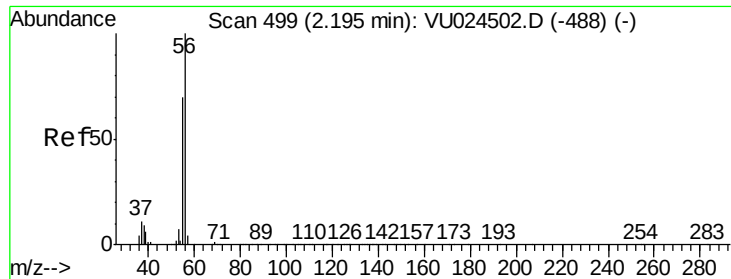


#12

1,1-Dichloroethene  
 Concen: 0.748 ug/l  
 RT: 2.26 min Scan# 519  
 Delta R.T. -0.03 min  
 Lab File: VU024940.D  
 Acq: 26 Jun 2018 23:33

Tgt Ion: 96 Resp: 1882  
 Ion Ratio Lower Upper  
 96 100  
 61 176.3 141.7 212.5  
 98 62.4 51.6 77.4

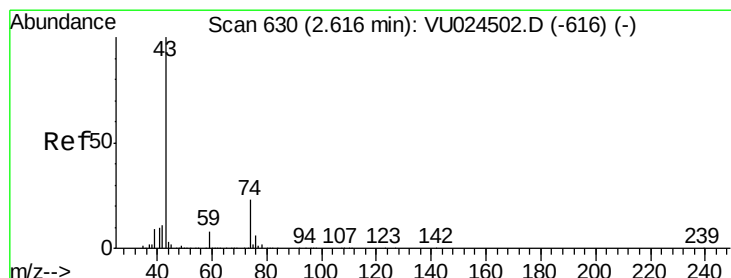
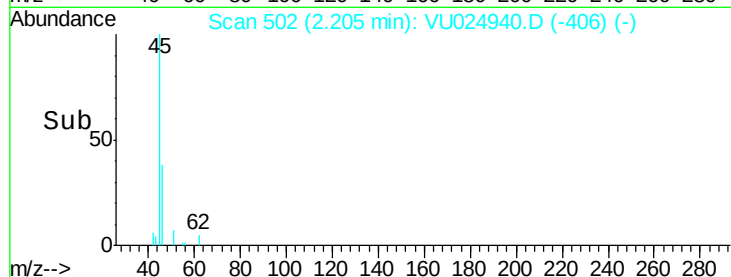
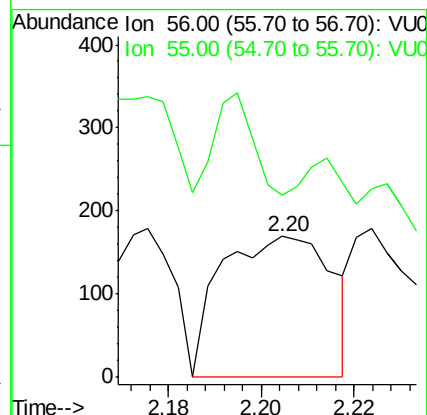
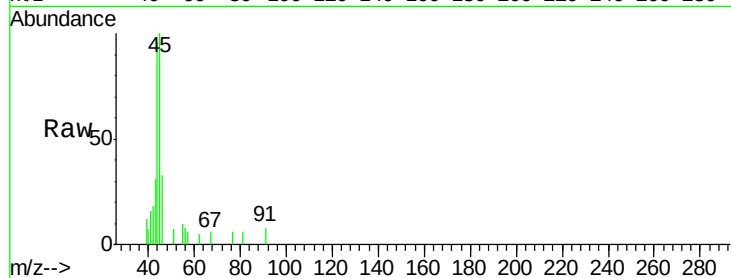




#13  
 Acrolein  
 Concen: 0.605 ug/l  
 RT: 2.20 min Scan# 502  
 Delta R.T. 0.01 min  
 Lab File: VU024940.D  
 Acq: 26 Jun 2018 23:33

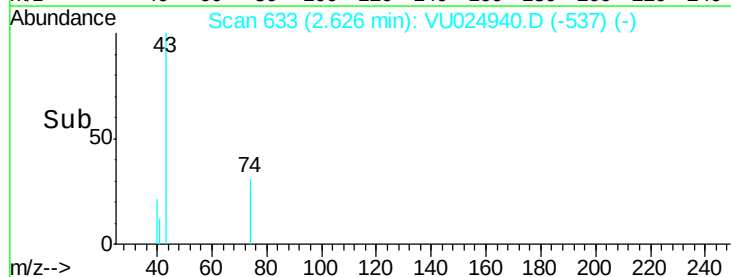
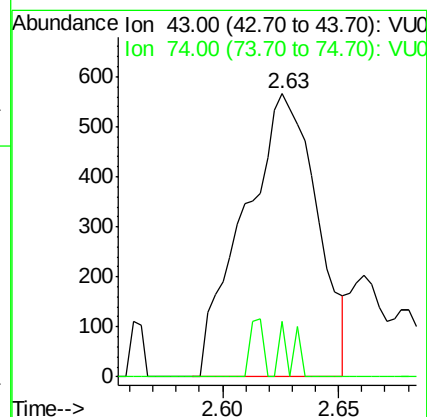
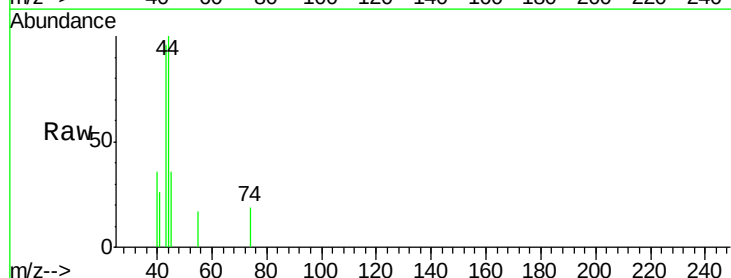
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 MSVOA\_U  
 ClientSampleId :  
 WP021SB475-27-29-180620ME

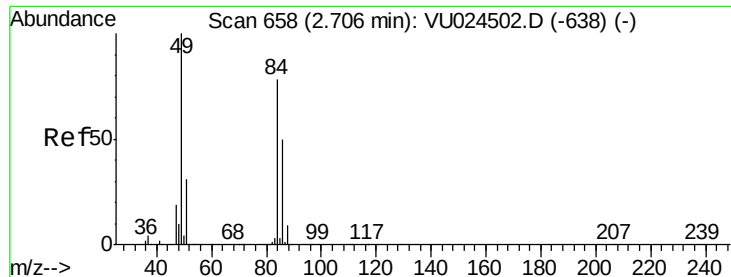
Tgt Ion: 56 Resp: 279  
 Ion Ratio Lower Upper  
 56 100  
 55 25.4 58.4 87.6#



#18  
 Methyl Acetate  
 Concen: 0.297 ug/l  
 RT: 2.63 min Scan# 633  
 Delta R.T. 0.01 min  
 Lab File: VU024940.D  
 Acq: 26 Jun 2018 23:33

Tgt Ion: 43 Resp: 1236  
 Ion Ratio Lower Upper  
 43 100  
 74 3.2 18.0 27.0#

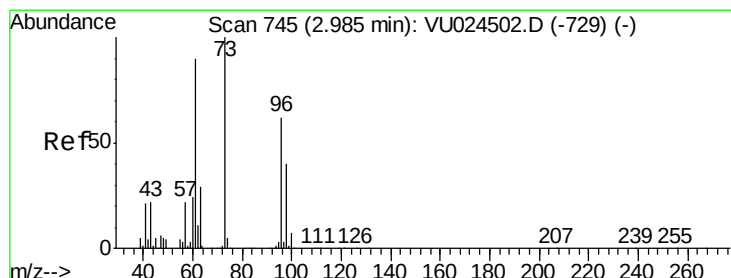
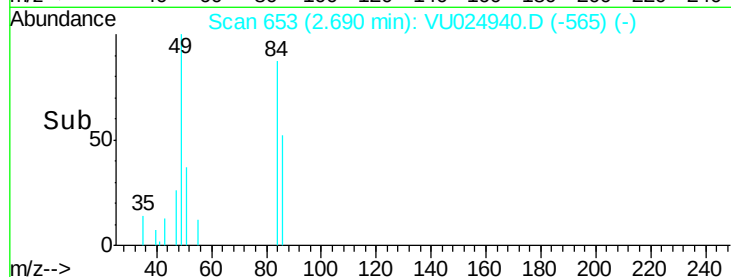
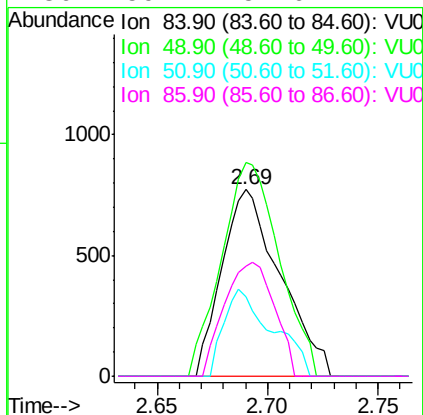
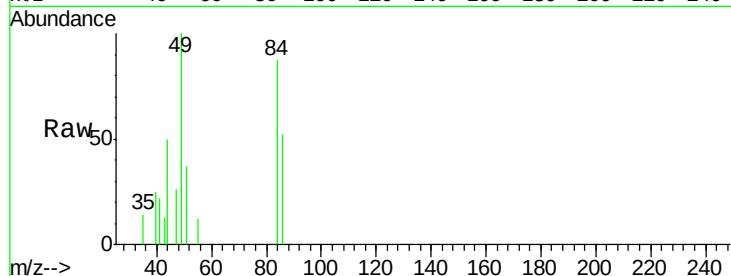




#20  
Methylene Chloride  
Concen: 0.466 ug/l  
RT: 2.69 min Scan# 653  
Delta R.T. -0.02 min  
Lab File: VU024940.D  
Acq: 26 Jun 2018 23:33

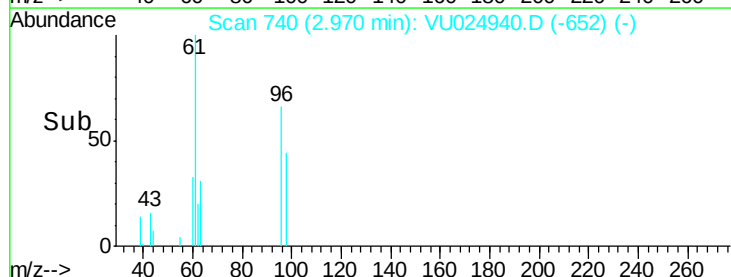
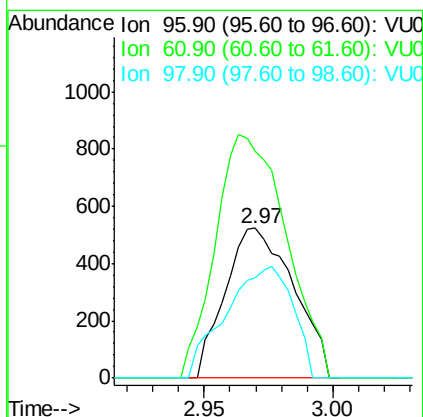
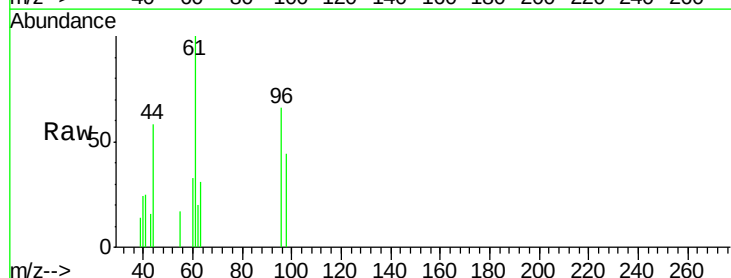
Instrument :  
MSVOA\_U  
ClientSampleId :  
WP021SB475-27-29-180620ME

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 1418  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 114.6 | 103.8 | 155.8 |
| 51       | 42.5  | 32.0  | 48.0  |
| 86       | 59.2  | 51.6  | 77.4  |

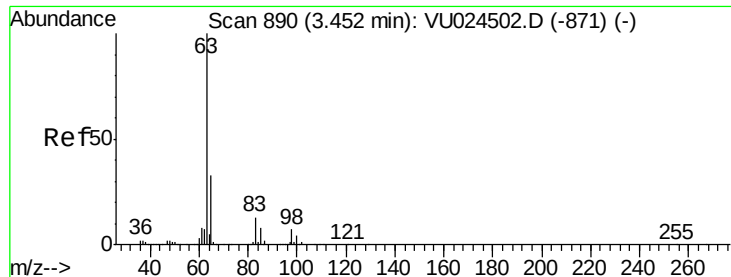


#21  
trans-1,2-Dichloroethene  
Concen: 0.349 ug/l  
RT: 2.97 min Scan# 740  
Delta R.T. -0.02 min  
Lab File: VU024940.D  
Acq: 26 Jun 2018 23:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 968   |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 151.7 | 119.4 | 179.0 |
| 98       | 66.8  | 51.1  | 76.7  |



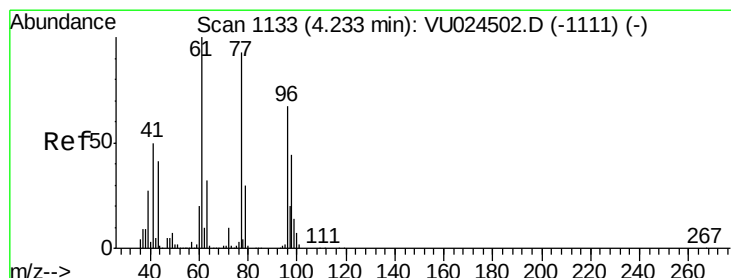
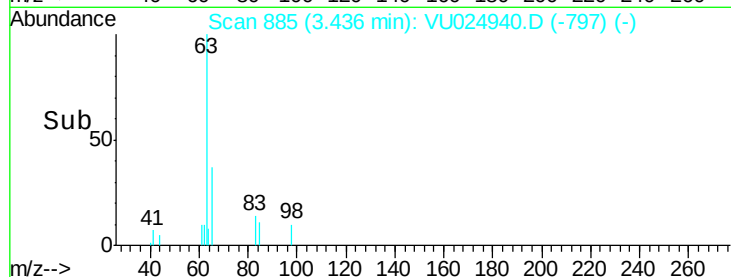
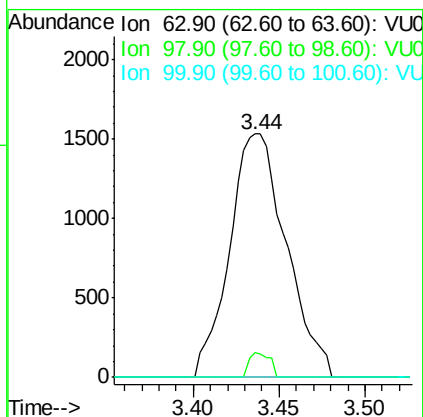
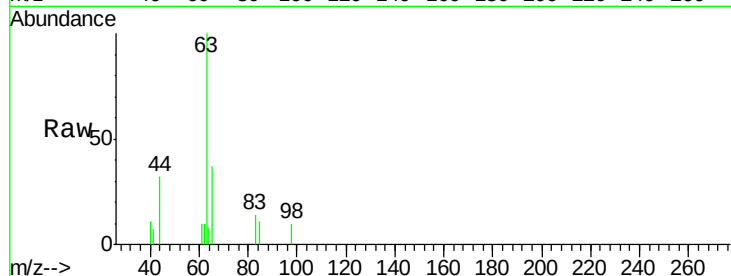




#24  
 1,1-Dichloroethane  
 Concen: 0.658 ug/l  
 RT: 3.44 min Scan# 885  
 Delta R.T. -0.02 min  
 Lab File: VU024940.D  
 Acq: 26 Jun 2018 23:33

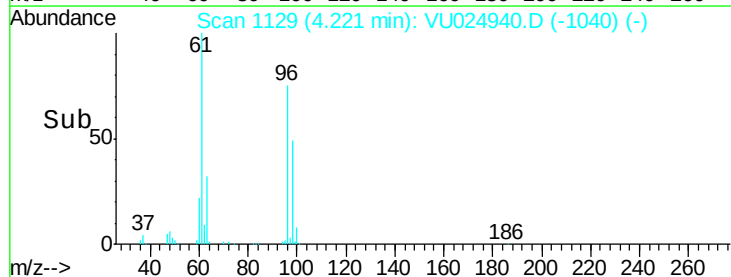
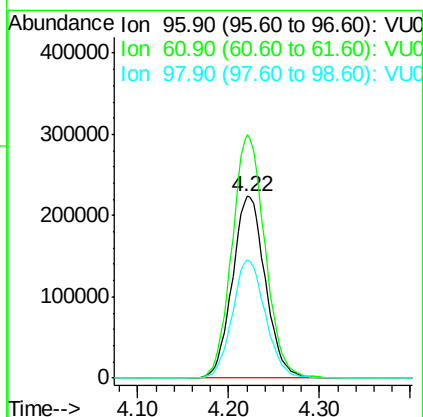
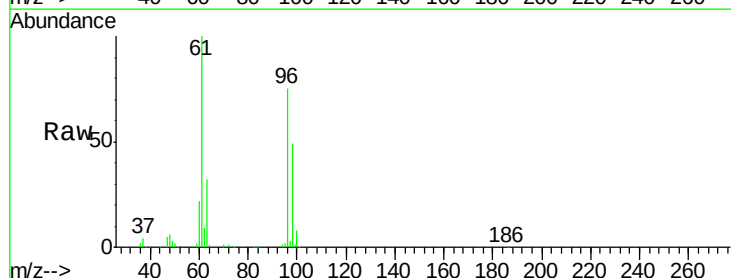
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB475-27-29-180620ME

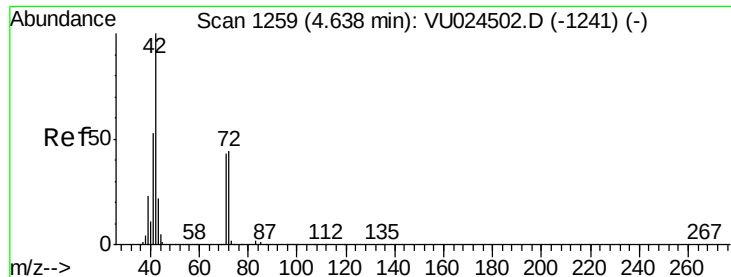
Tgt Ion: 63 Resp: 3509  
 Ion Ratio Lower Upper  
 63 100  
 98 10.0 3.5 10.4  
 100 0.0 1.8 5.5#



#27  
 cis-1,2-Dichloroethene  
 Concen: 176.657 ug/l  
 RT: 4.22 min Scan# 1129  
 Delta R.T. -0.01 min  
 Lab File: VU024940.D  
 Acq: 26 Jun 2018 23:33

Tgt Ion: 96 Resp: 562968  
 Ion Ratio Lower Upper  
 96 100  
 61 133.7 0.0 306.6  
 98 65.1 0.0 128.8





#29

Tetrahydrofuran

Concen: 1.013 ug/l

RT: 4.66 min Scan# 1266

Delta R.T. 0.02 min

Lab File: VU024940.D

Acq: 26 Jun 2018 23:33

Instrument :

MSVOA\_U

ClientSampleId :

WP021SB475-27-29-180620ME

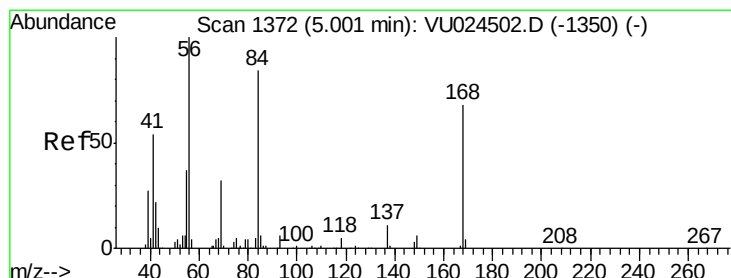
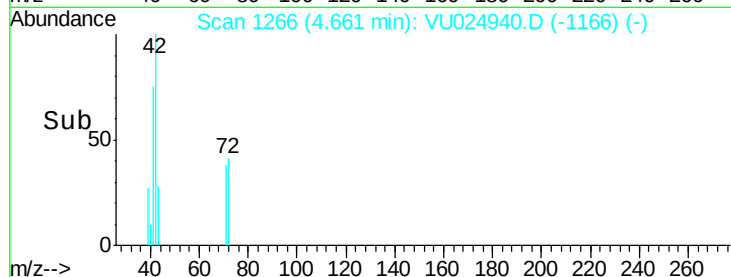
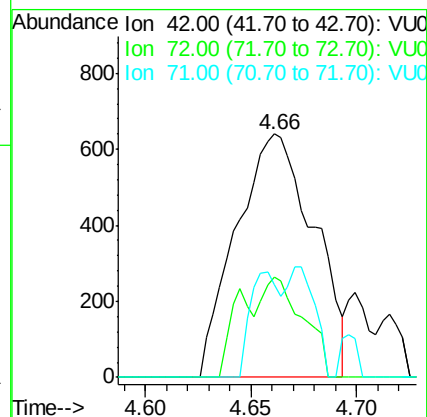
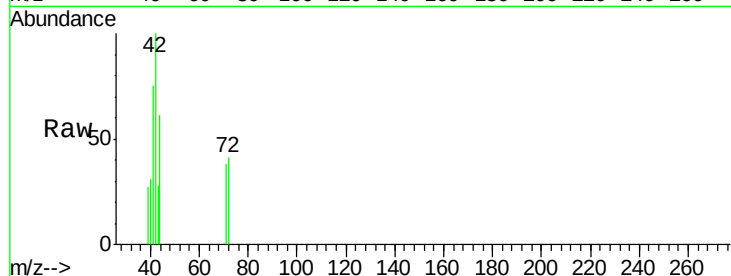
Tgt Ion: 42 Resp: 1634

Ion Ratio Lower Upper

42 100

72 22.3 34.5 51.7#

71 16.5 32.2 48.4#



#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1365

Delta R.T. -0.02 min

Lab File: VU024940.D

Acq: 26 Jun 2018 23:33

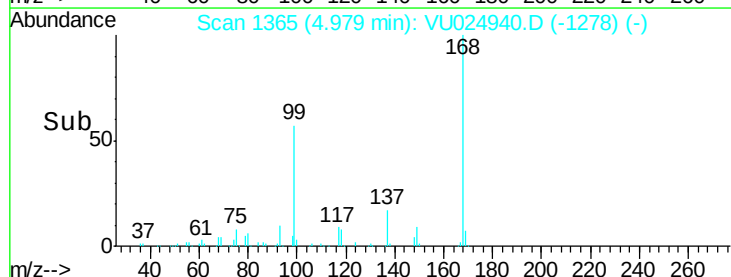
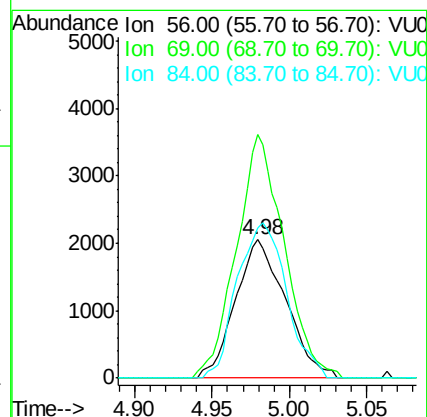
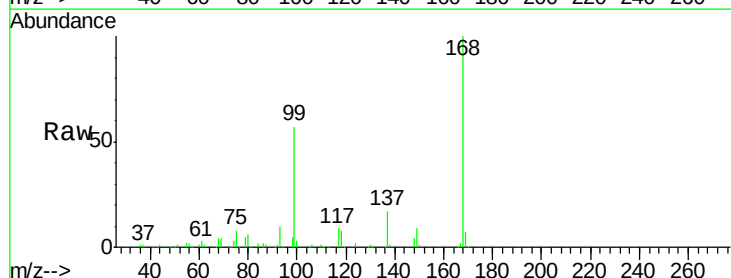
Tgt Ion: 56 Resp: 4643

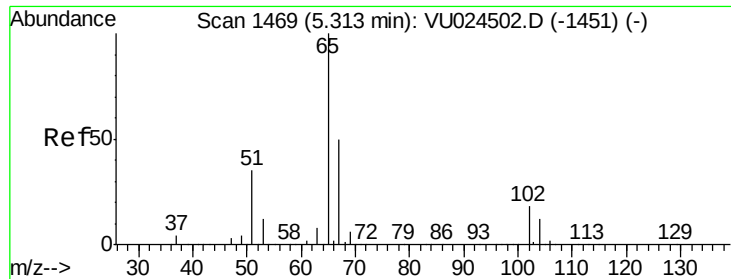
Ion Ratio Lower Upper

56 100

69 176.0 24.8 37.2#

84 109.0 65.2 97.8#

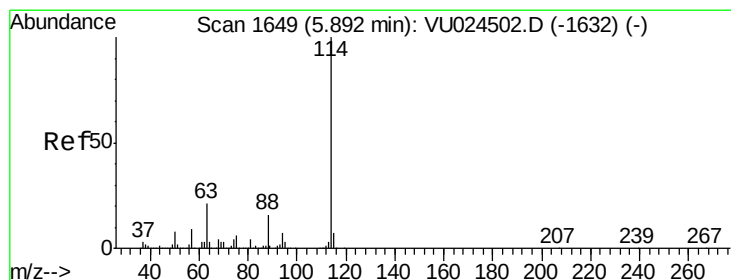
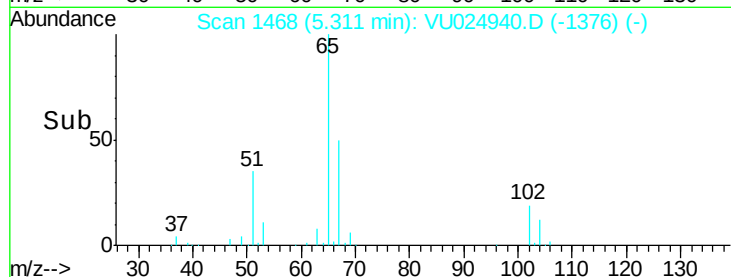
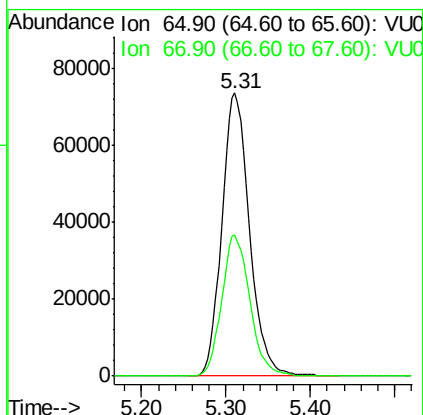
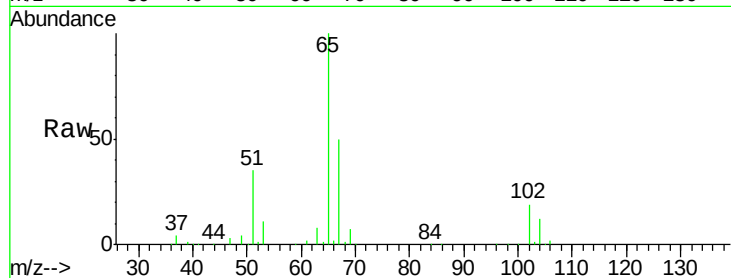




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.406 ug/l  
 RT: 5.31 min Scan# 1468  
 Delta R.T. -0.00 min  
 Lab File: VU024940.D  
 Acq: 26 Jun 2018 23:33

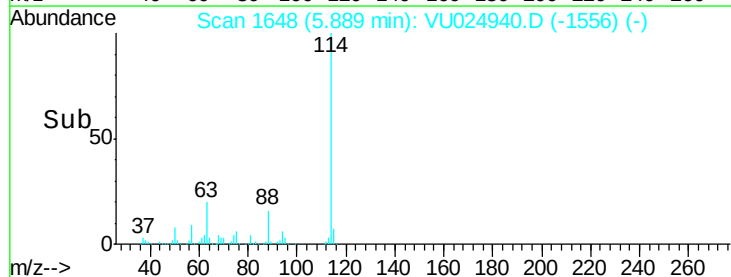
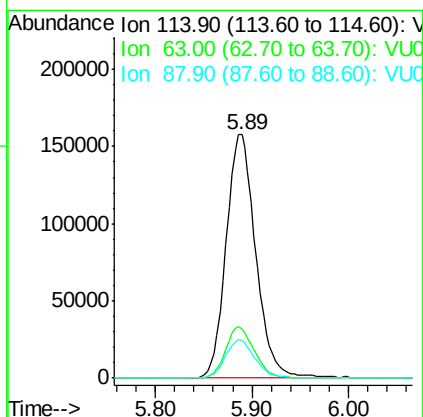
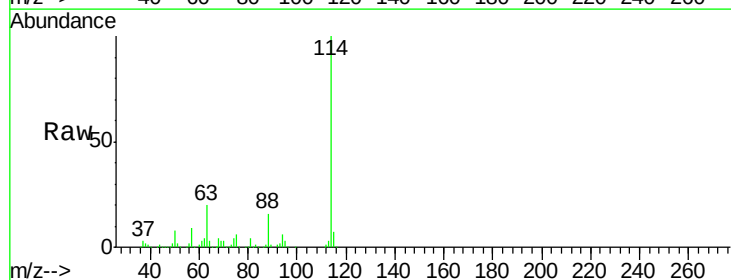
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB475-27-29-180620ME

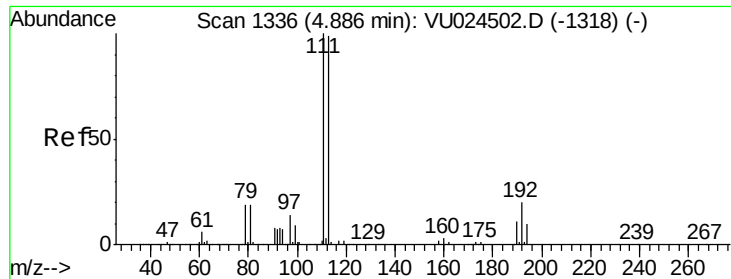
Tgt Ion: 65 Resp: 167447  
 Ion Ratio Lower Upper  
 65 100  
 67 50.7 0.0 107.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.89 min Scan# 1648  
 Delta R.T. -0.00 min  
 Lab File: VU024940.D  
 Acq: 26 Jun 2018 23:33

Tgt Ion: 114 Resp: 334857  
 Ion Ratio Lower Upper  
 114 100  
 63 20.3 0.0 45.4  
 88 15.5 0.0 31.0

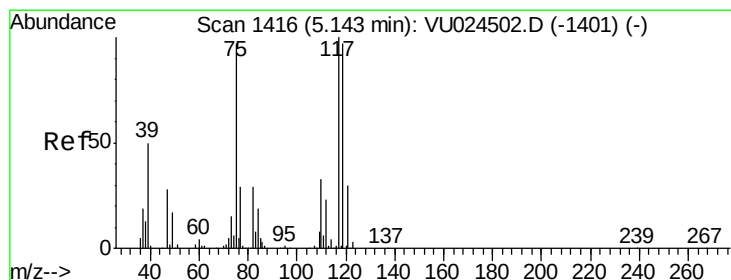
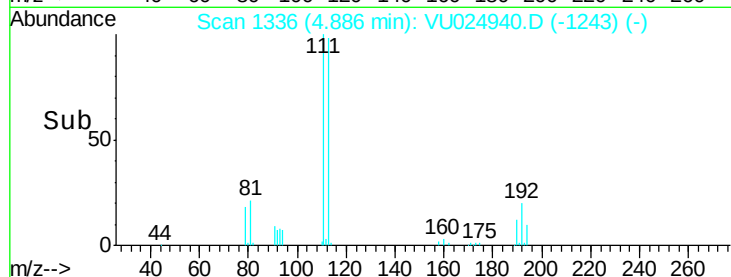
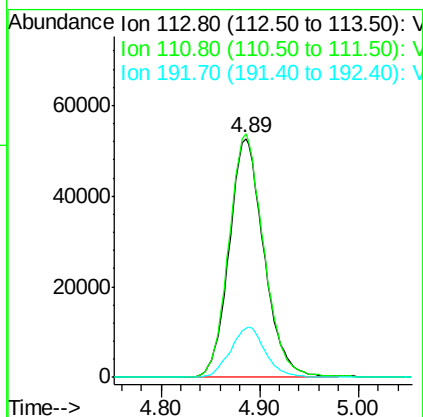
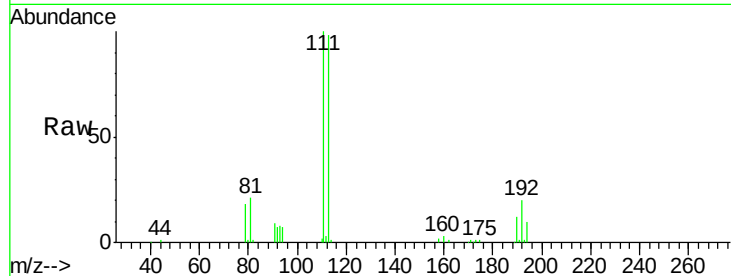




#35  
 Dibromofluoromethane  
 Concen: 46.502 ug/l  
 RT: 4.89 min Scan# 1336  
 Delta R.T. 0.00 min  
 Lab File: VU024940.D  
 Acq: 26 Jun 2018 23:33

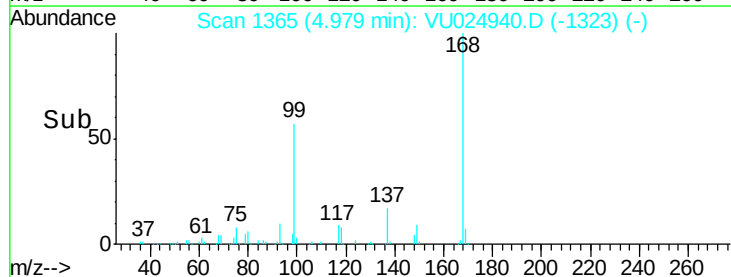
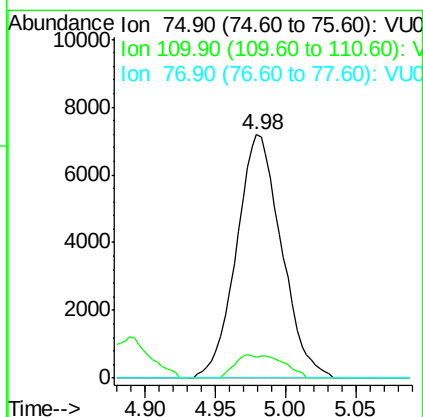
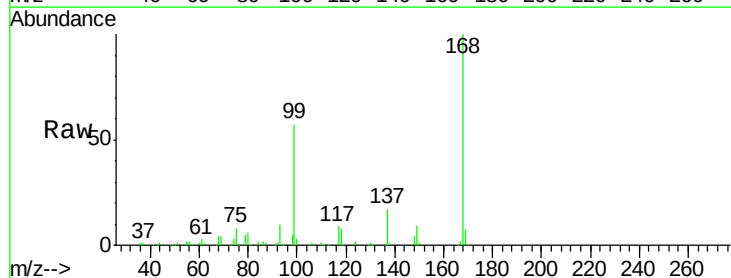
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB475-27-29-180620ME

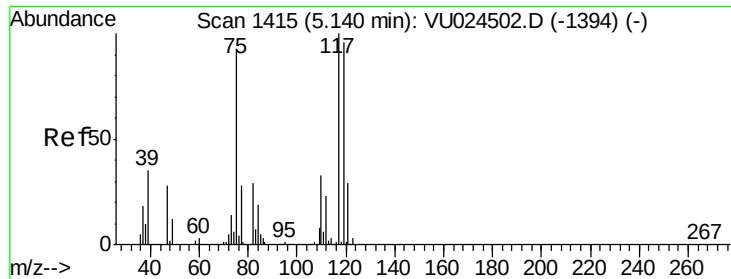
Tgt Ion:113 Resp: 129233  
 Ion Ratio Lower Upper  
 113 100  
 111 102.8 82.2 123.4  
 192 20.9 16.2 24.4



#36  
 1,1-Dichloropropene  
 Concen: 4.069 ug/l  
 RT: 4.98 min Scan# 1365  
 Delta R.T. -0.16 min  
 Lab File: VU024940.D  
 Acq: 26 Jun 2018 23:33

Tgt Ion: 75 Resp: 16012  
 Ion Ratio Lower Upper  
 75 100  
 110 10.2 17.0 50.9#  
 77 0.0 24.2 36.4#





#38

Carbon Tetrachloride

Concen: 4.824 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU024940.D

Acq: 26 Jun 2018 23:33

Instrument :

MSVOA\_U

ClientSampleId :

WP021SB475-27-29-180620ME

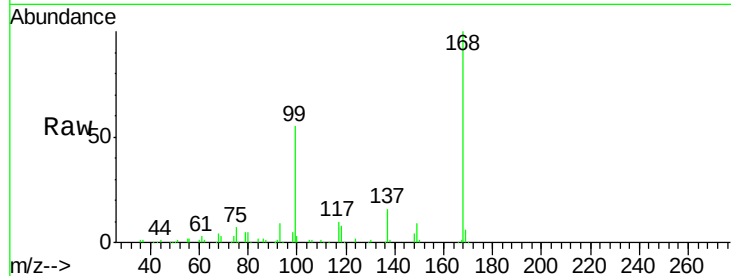
Tgt Ion:117 Resp: 20873

Ion Ratio Lower Upper

117 100

119 4.4 76.1 114.1#

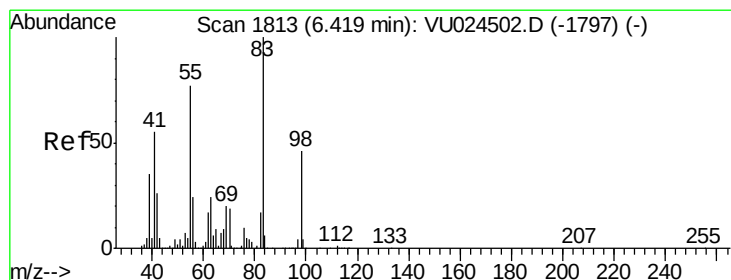
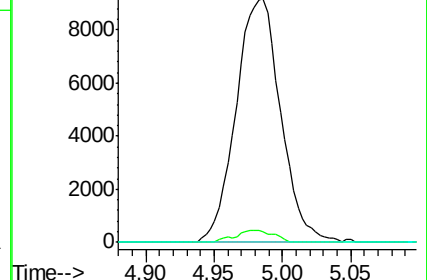
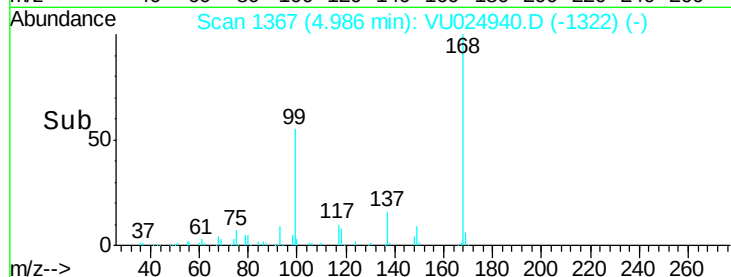
121 0.0 23.7 35.5#



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: 0.613 ug/l

RT: 6.19 min Scan# 1740

Delta R.T. -0.23 min

Lab File: VU024940.D

Acq: 26 Jun 2018 23:33

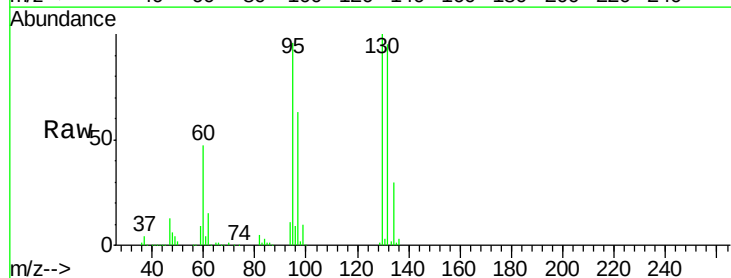
Tgt Ion: 83 Resp: 3011

Ion Ratio Lower Upper

83 100

55 0.0 65.8 98.6#

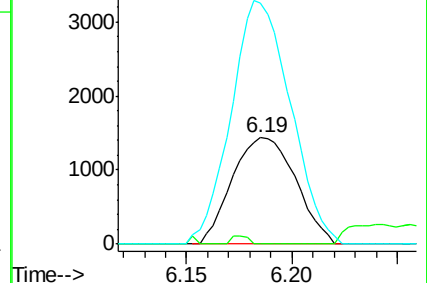
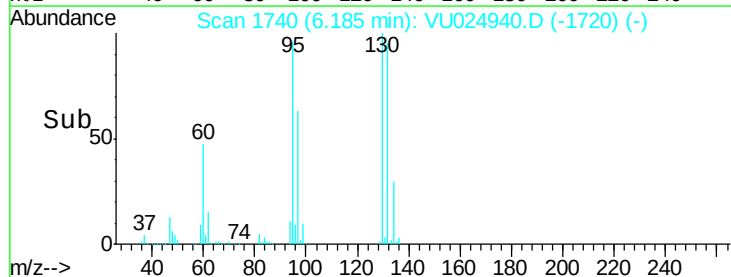
98 225.8 36.7 55.1#

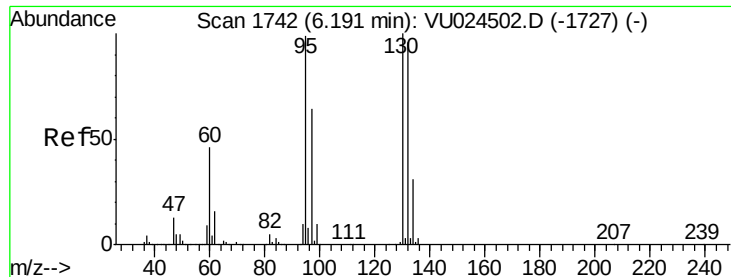


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#44

Trichloroethene

Concen: 82.116 ug/l

RT: 6.19 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VU024940.D

Acq: 26 Jun 2018 23:33

Instrument :

MSVOA\_U

ClientSampleId :

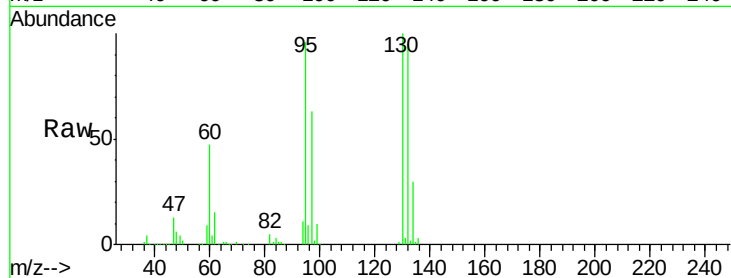
WP021SB475-27-29-180620ME

Tgt Ion:130 Resp: 262029

Ion Ratio Lower Upper

130 100

95 96.0 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): VU024940.D (-1649) (-)

Ion 94.90 (94.60 to 95.60): VU024940.D (-1649) (-)

6.19

150000

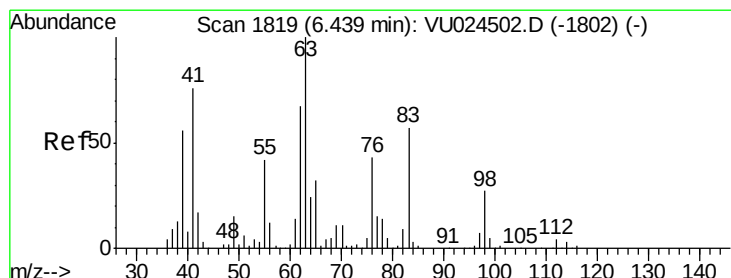
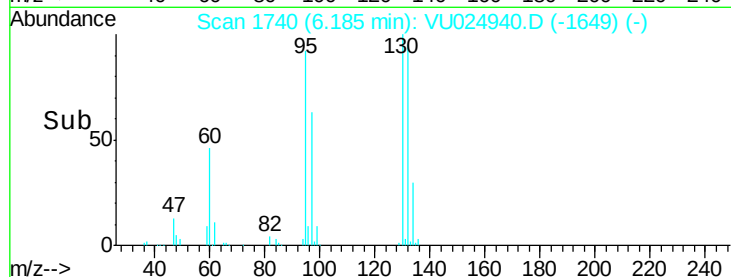
100000

50000

0

Time-->

6.10 6.20 6.30



#45

1,2-Dichloropropane

Concen: 0.286 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.25 min

Lab File: VU024940.D

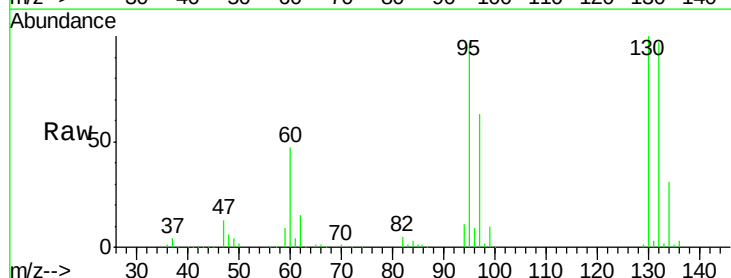
Acq: 26 Jun 2018 23:33

Tgt Ion: 63 Resp: 856

Ion Ratio Lower Upper

63 100

65 338.4 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VU024940.D (-1726) (-)

Ion 64.90 (64.60 to 65.60): VU024940.D (-1726) (-)

6.19

2000

1500

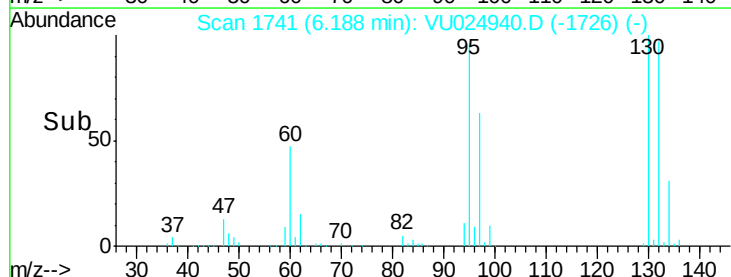
1000

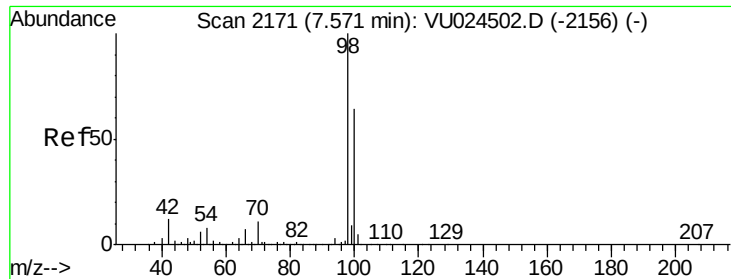
500

0

Time-->

6.15 6.20

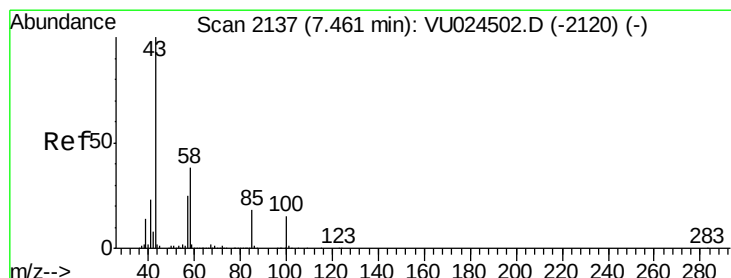
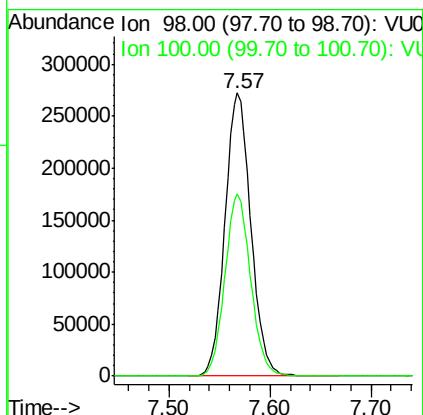
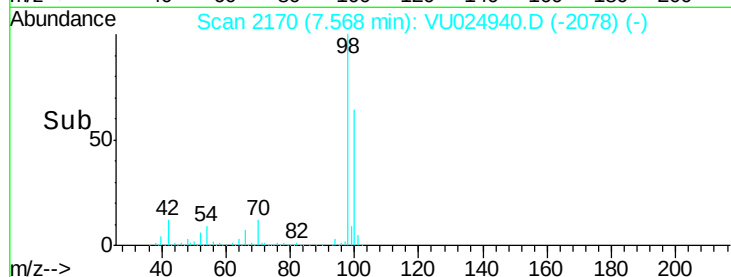
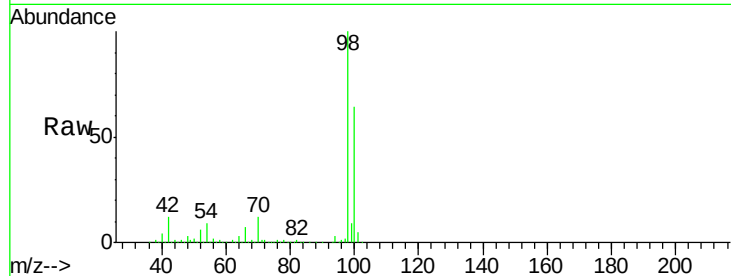




#50  
Toluene-d8  
Concen: 48.167 ug/l  
RT: 7.57 min Scan# 2170  
Delta R.T. -0.00 min  
Lab File: VU024940.D  
Acq: 26 Jun 2018 23:33

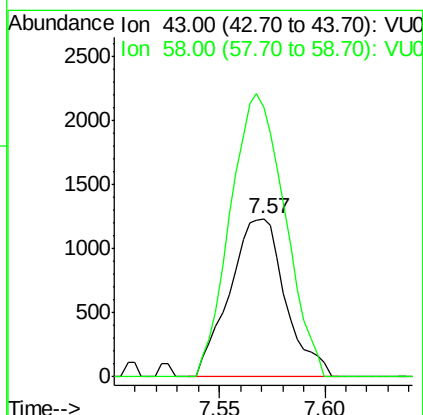
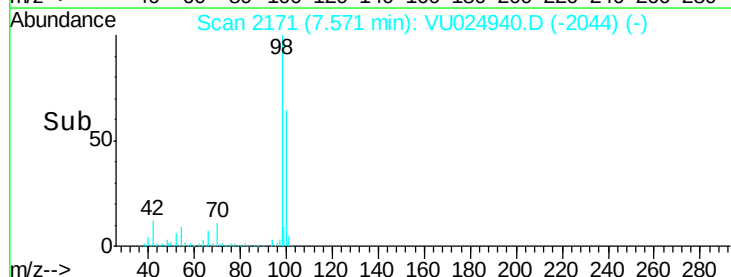
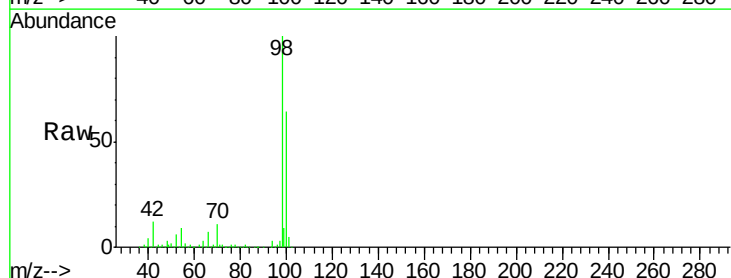
Instrument :  
MSVOA\_U  
ClientSampleId :  
WP021SB475-27-29-180620ME

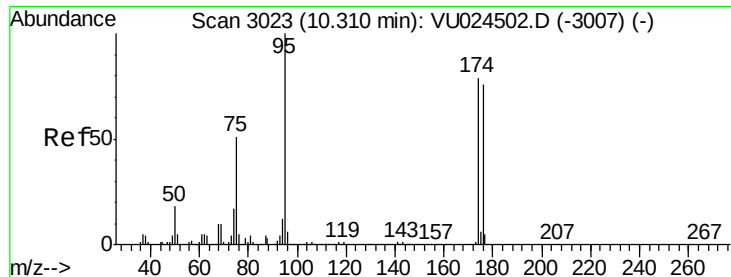
Tgt Ion: 98 Resp: 488264  
Ion Ratio Lower Upper  
98 100  
100 64.0 51.1 76.7



#51  
4-Methyl-2-Pentanone  
Concen: 0.486 ug/l  
RT: 7.57 min Scan# 2171  
Delta R.T. 0.11 min  
Lab File: VU024940.D  
Acq: 26 Jun 2018 23:33

Tgt Ion: 43 Resp: 2263  
Ion Ratio Lower Upper  
43 100  
58 175.3 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 47.756 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU024940.D

Acq: 26 Jun 2018 23:33

Instrument :

MSVOA\_U

ClientSampleId :

WP021SB475-27-29-180620ME

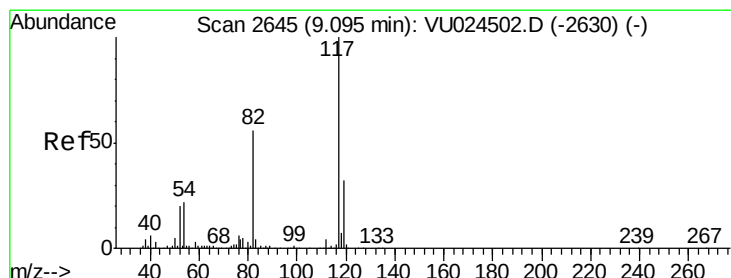
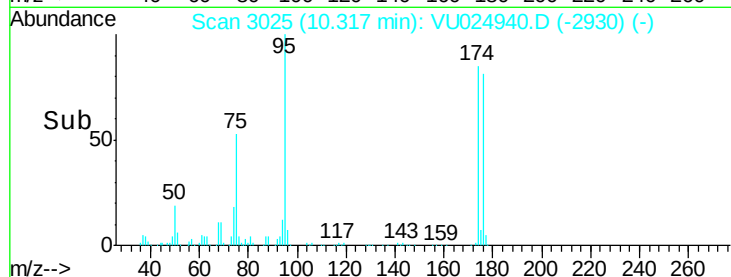
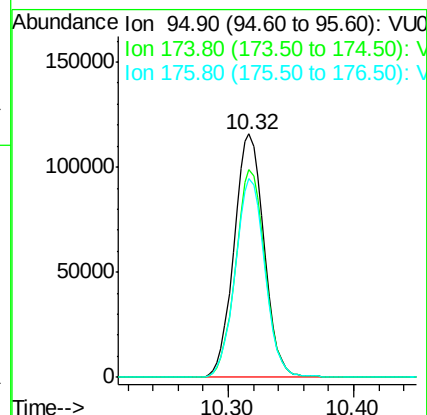
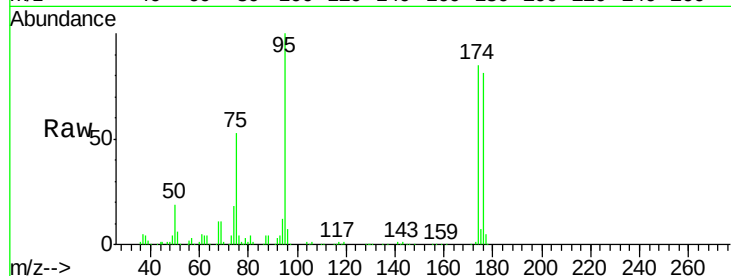
Tgt Ion: 95 Resp: 192204

Ion Ratio Lower Upper

95 100

174 83.9 0.0 165.8

176 80.9 0.0 159.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU024940.D

Acq: 26 Jun 2018 23:33

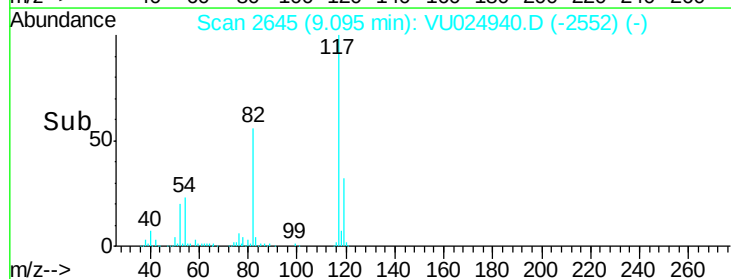
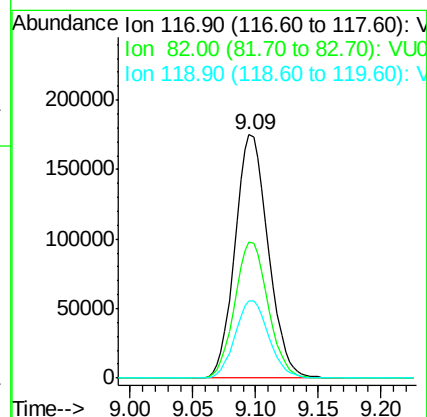
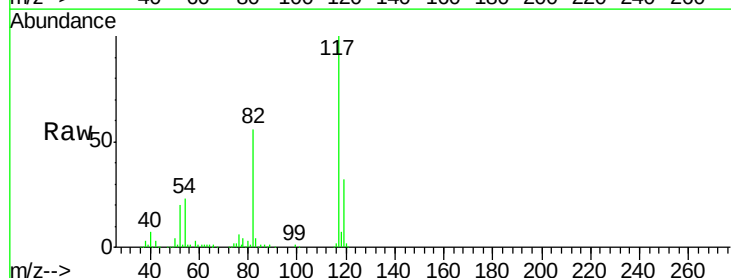
Tgt Ion: 117 Resp: 322005

Ion Ratio Lower Upper

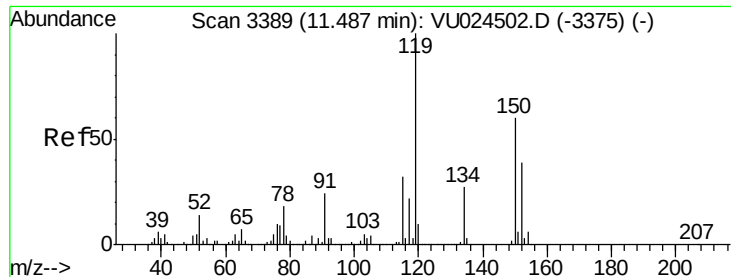
117 100

82 55.8 44.3 66.5

119 31.8 25.4 38.2







#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU024940.D

Acq: 26 Jun 2018 23:33

Instrument :

MSVOA\_U

ClientSampleId :

WP021SB475-27-29-180620ME

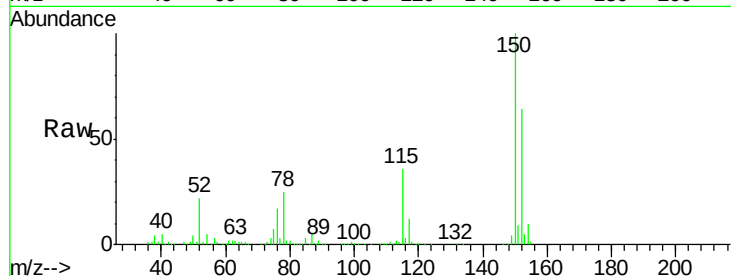
Tgt Ion:152 Resp: 181213

Ion Ratio Lower Upper

152 100

115 57.3 43.0 129.0

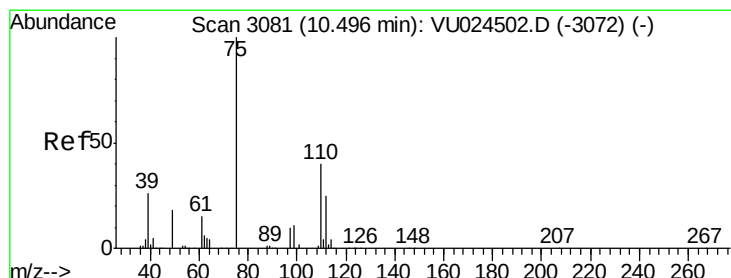
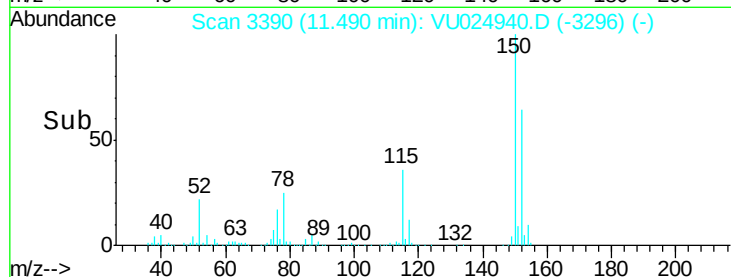
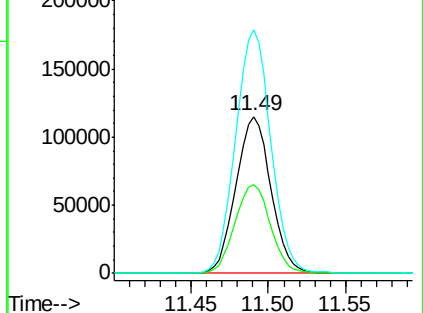
150 156.1 0.0 354.0



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: 25.351 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.18 min

Lab File: VU024940.D

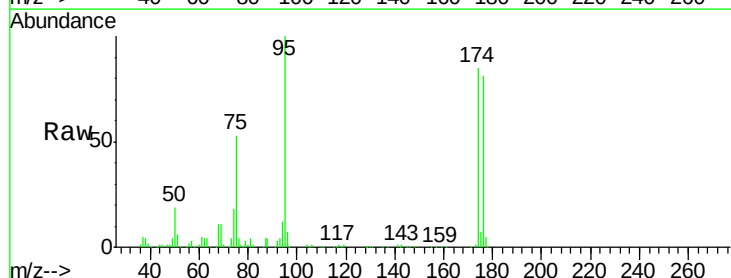
Acq: 26 Jun 2018 23:33

Tgt Ion: 75 Resp: 101141

Ion Ratio Lower Upper

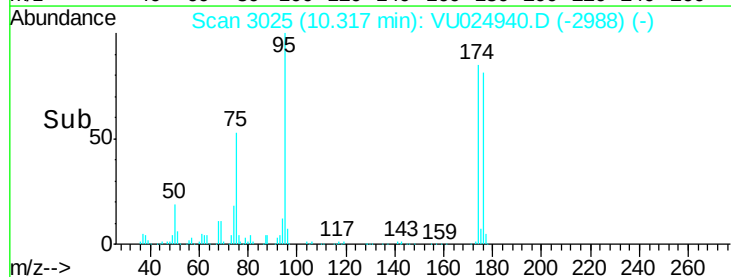
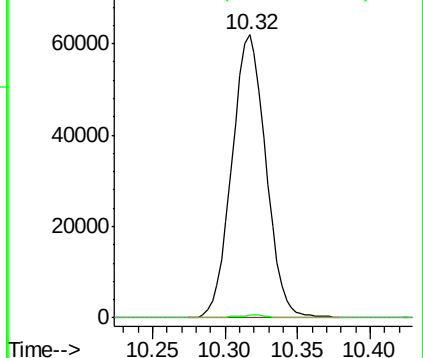
75 100

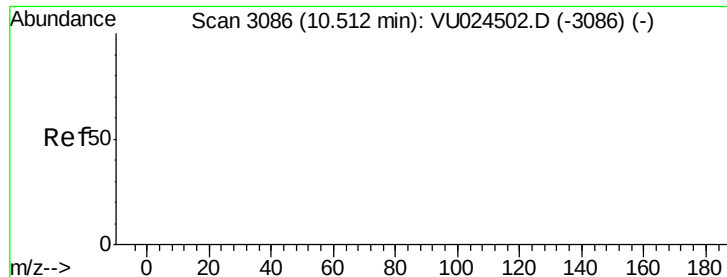
77 1.0 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

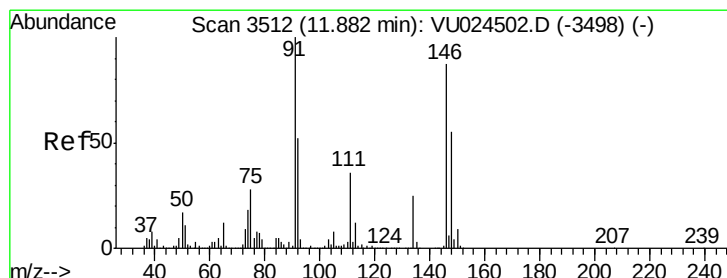
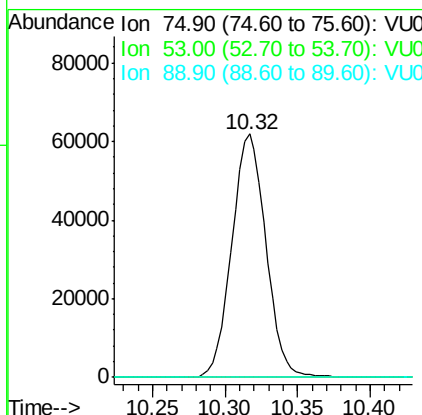
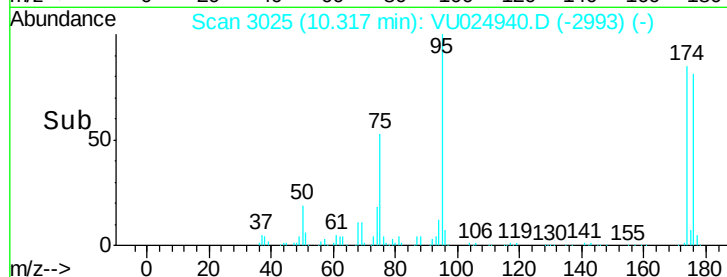
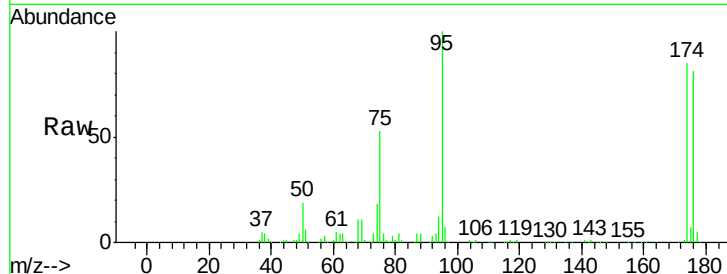




#81  
trans-1,4-Dichloro-2-butene  
Concen: 58.672 ug/l  
RT: 10.32 min Scan# 3025  
Delta R.T. -0.20 min  
Lab File: VU024940.D  
Acq: 26 Jun 2018 23:33

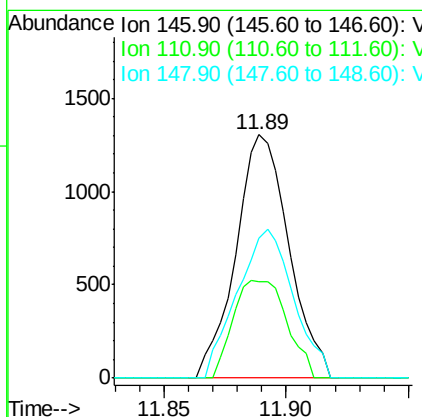
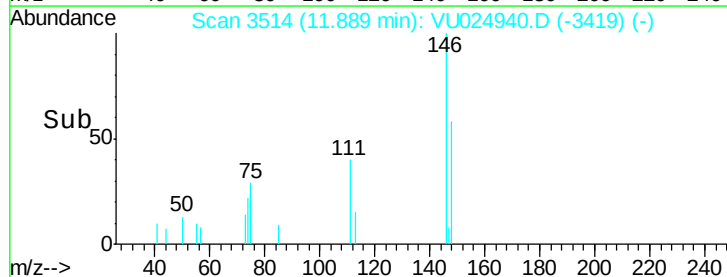
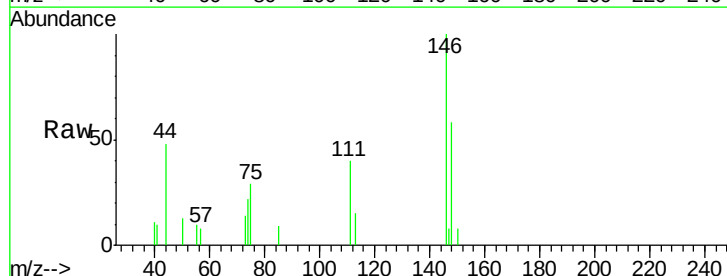
Instrument :  
MSVOA\_U  
ClientSampleId :  
WP021SB475-27-29-180620ME

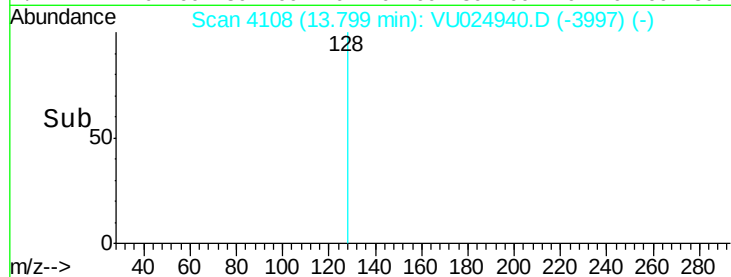
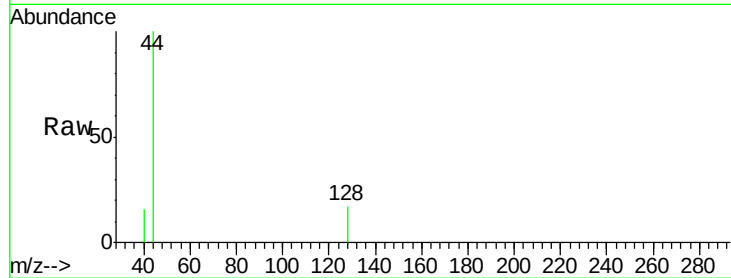
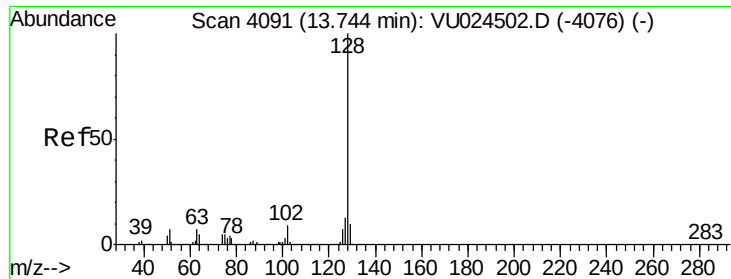
Tgt Ion: 75 Resp: 101141  
Ion Ratio Lower Upper  
75 100  
53 0.0 0.0 0.0  
89 0.0 0.0 0.0



#91  
1,2-Dichlorobenzene  
Concen: 0.301 ug/l  
RT: 11.89 min Scan# 3514  
Delta R.T. 0.01 min  
Lab File: VU024940.D  
Acq: 26 Jun 2018 23:33

Tgt Ion: 146 Resp: 1964  
Ion Ratio Lower Upper  
146 100  
111 40.6 20.5 61.6  
148 65.0 31.9 95.7





#95

Naphthalene

Concen: 0.684 ug/l

RT: 13.80 min Scan# 4108

Delta R.T. 0.06 min

Lab File: VU024940.D

Acq: 26 Jun 2018 23:33

Instrument :

MSVOA\_U

ClientSampleId :

WP021SB475-27-29-180620ME

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 66    |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 0.0   | 10.6  | 16.0# |
| 129      | 0.0   | 8.6   | 12.8# |

